

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
 Data File : BG037444.D
 Acq On : 19 Oct 2018 7:45
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 19 09:05:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	62882	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	286576	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	189614	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	453051	20.00	ng	0.00
76) Chrysene-d12	21.77	240	414469	20.00	ng	0.00
87) Perylene-d12	25.10	264	437322	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	293018	77.91	ng	0.00
7) Phenol-d6	7.25	99	449119	78.97	ng	0.00
23) Nitrobenzene-d5	9.29	82	413538	80.84	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	170825	82.60	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	975522	77.58	ng	0.00
79) Terphenyl-d14	20.09	244	1491460	76.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	76110	39.902	ng	96
3) Pyridine	3.94	79	192472	40.036	ng	92
4) n-Nitrosodimethylamine	3.86	42	69179	40.400	ng	# 94
6) Aniline	7.43	93	273907	39.478	ng	98
8) 2-Chlorophenol	7.67	128	171781	39.041	ng	97
9) Benzaldehyde	7.25	77	133870	37.628	ng	95
10) Phenol	7.28	94	234398	39.061	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	178443	39.153	ng	99
12) 1,3-Dichlorobenzene	7.99	146	192548	39.308	ng	97
13) 1,4-Dichlorobenzene	8.14	146	193722	38.662	ng	98
14) 1,2-Dichlorobenzene	8.46	146	184821	38.345	ng	100
15) Benzyl Alcohol	8.35	79	167521	39.863	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.63	45	323441	39.662	ng	97
17) 2-Methylphenol	8.54	107	155414	39.174	ng	99
18) Hexachloroethane	9.19	117	67884	39.739	ng	95
19) n-Nitroso-di-n-propylamine	8.92	70	151824	38.766	ng	94
20) 3+4-Methylphenols	8.86	107	222018	39.142	ng	98
22) Acetophenone	8.94	105	285089	39.666	ng	# 98
24) Nitrobenzene	9.33	77	214389	40.341	ng	95
25) Isophorone	9.85	82	378310	40.473	ng	97
26) 2-Nitrophenol	10.04	139	101176	42.260	ng	98
27) 2,4-Dimethylphenol	10.08	122	166778	39.016	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	246256	40.211	ng	97
29) 2,4-Dichlorophenol	10.56	162	190118	39.946	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	203138	39.248	ng	96
31) Naphthalene	10.98	128	550893	39.137	ng	99
32) Benzoic acid	10.21	122	134060	48.285	ng	97
33) 4-Chloroaniline	11.09	127	263681	39.869	ng	97
34) Hexachlorobutadiene	11.24	225	121342	39.557	ng	97
35) Caprolactam	11.88	113	79243	41.514	ng	93
36) 4-Chloro-3-methylphenol	12.19	107	214817	40.022	ng	97
37) 2-Methylnaphthalene	12.58	142	403102	39.286	ng	99
38) 1-Methylnaphthalene	12.80	142	390258	39.164	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	238173	38.942	ng	99

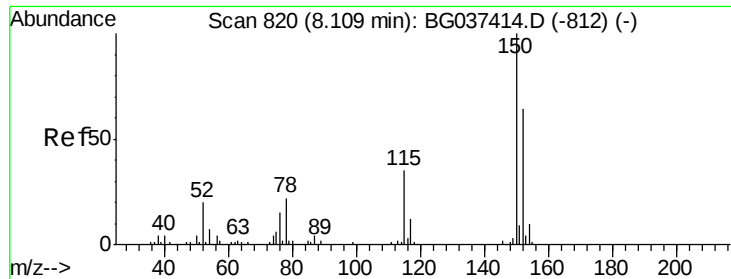
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
 Data File : BG037444.D
 Acq On : 19 Oct 2018 7:45
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 19 09:05:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	119037	40.745	ng	98
43) 2,4,6-Trichlorophenol	13.17	196	165191	40.428	ng	96
44) 2,4,5-Trichlorophenol	13.24	196	178290	40.076	ng	99
46) 1,1'-Biphenyl	13.58	154	608230	38.733	ng	99
47) 2-Chloronaphthalene	13.62	162	460035	38.723	ng	99
48) 2-Nitroaniline	13.83	65	149752	41.567	ng	94
49) Acenaphthylene	14.47	152	710424	39.753	ng	100
50) Dimethylphthalate	14.19	163	583307	39.765	ng	99
51) 2,6-Dinitrotoluene	14.32	165	133363	41.097	ng	98
52) Acenaphthene	14.81	154	432324	39.280	ng	98
53) 3-Nitroaniline	14.65	138	149691	41.553	ng	# 96
54) 2,4-Dinitrophenol	14.85	184	40575	41.978	ng	94
55) Dibenzofuran	15.14	168	702507	38.524	ng	99
56) 4-Nitrophenol	14.94	139	110470	41.428	ng	98
57) 2,4-Dinitrotoluene	15.10	165	184739	43.369	ng	97
58) Fluorene	15.79	166	534698	39.156	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	155809	40.905	ng	98
60) Diethylphthalate	15.54	149	606137	40.249	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	310023	38.951	ng	99
62) 4-Nitroaniline	15.82	138	150142	41.943	ng	94
63) Azobenzene	16.07	77	565503	39.356	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	90006	39.656	ng	94
66) n-Nitrosodiphenylamine	15.99	169	527476	38.706	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	194129	39.019	ng	99
68) Hexachlorobenzene	16.78	284	199385	38.667	ng	98
69) Atrazine	16.93	200	197981	40.181	ng	100
70) Pentachlorophenol	17.13	266	141483	40.963	ng	97
71) Phenanthrene	17.53	178	891105	38.701	ng	98
72) Anthracene	17.62	178	885324	39.180	ng	98
73) Carbazole	17.89	167	912063	40.351	ng	100
74) Di-n-butylphthalate	18.43	149	1032755	41.074	ng	99
75) Fluoranthene	19.53	202	1044525	39.997	ng	99
77) Benzidine	19.72	184	500824	35.537	ng	97
78) Pyrene	19.90	202	1056610	38.997	ng	100
80) Butylbenzylphthalate	20.77	149	461381	41.608	ng	98
81) Benzo(a)anthracene	21.75	228	958382	39.093	ng	98
82) 3,3'-Dichlorobenzidine	21.67	252	376523	39.624	ng	99
83) Chrysene	21.82	228	925020	39.240	ng	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	638779	41.097	ng	97
85) Di-n-octyl phthalate	22.88	149	1049005	41.388	ng	98
86) Indeno(1,2,3-cd)pyrene	28.94	276	1010371	39.961	ng	# 90
88) Benzo(b)fluoranthene	24.04	252	935129	39.003	ng	99
89) Benzo(k)fluoranthene	24.11	252	921961	39.250	ng	97
90) Benzo(a)pyrene	24.95	252	900265	39.516	ng	98
91) Dibenzo(a,h)anthracene	29.01	278	827556	39.379	ng	97
92) Benzo(g,h,i)perylene	30.15	276	816333	38.396	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

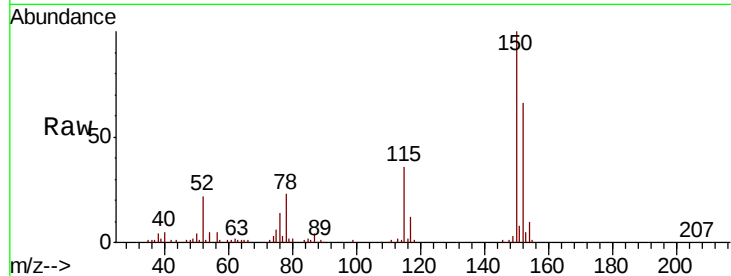


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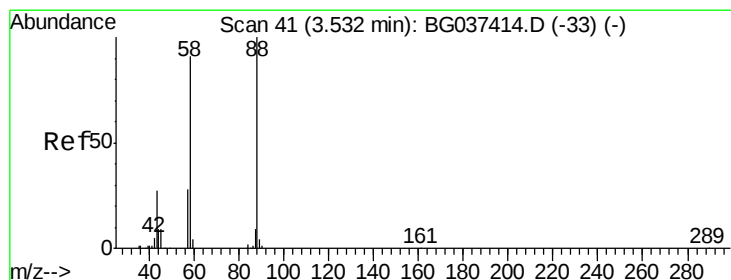
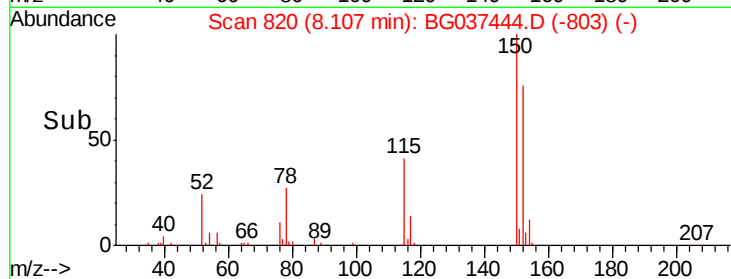
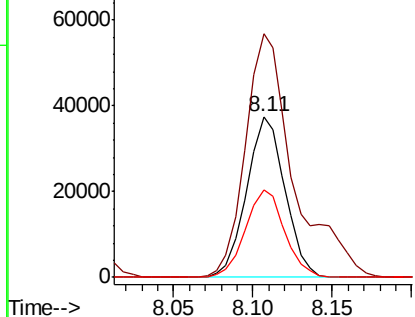
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 62882
Ion Ratio Lower Upper
152 100
150 151.4 126.0 189.0
115 54.2 45.5 68.3



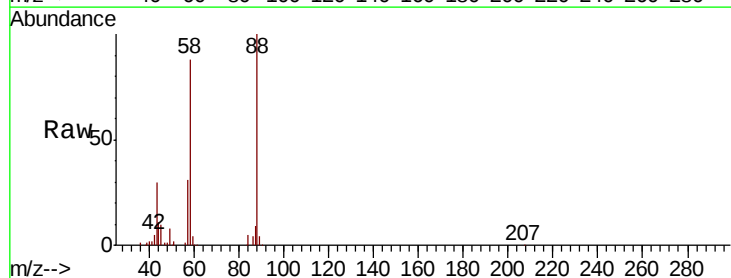
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



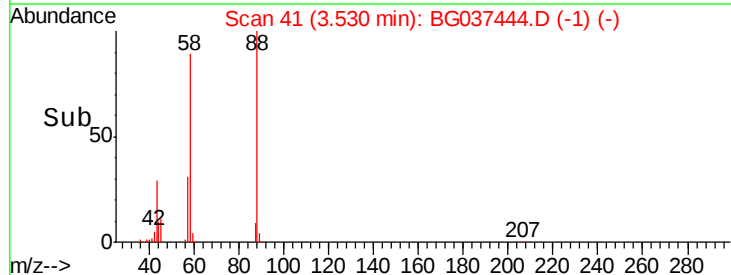
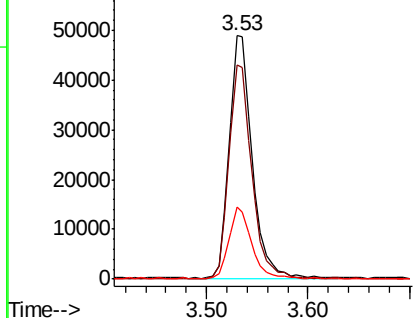
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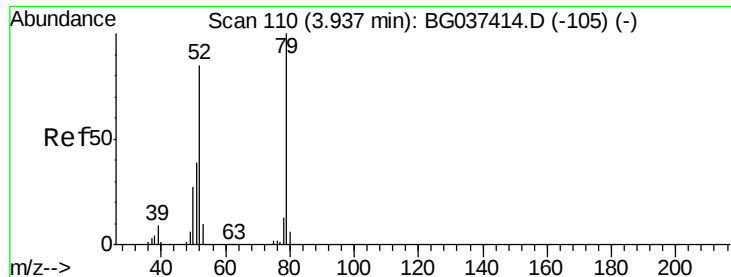
1,4-Dioxane
Concen: 39.902 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

Tgt Ion: 88 Resp: 76110
Ion Ratio Lower Upper
88 100
58 89.2 74.4 111.6
43 29.6 25.8 38.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.036 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

Instrument :

BNA_G

ClientSampled :

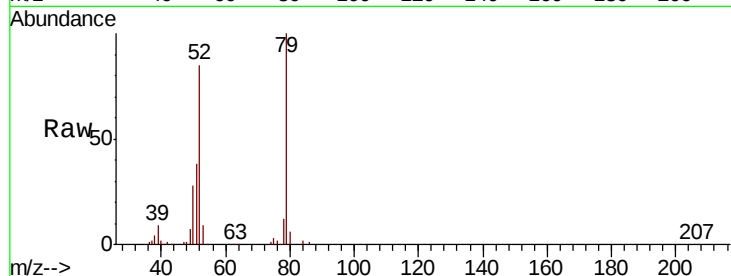
Tot Ion: 79 Resp: 192472

Ion Ratio Lower Upper

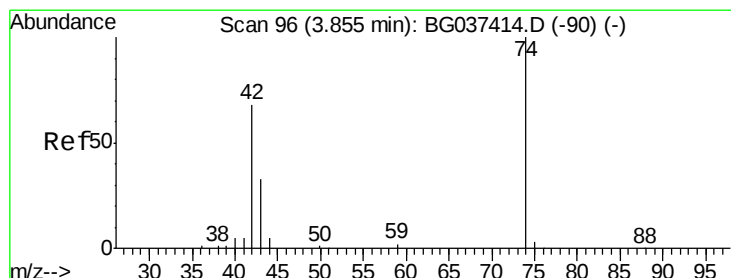
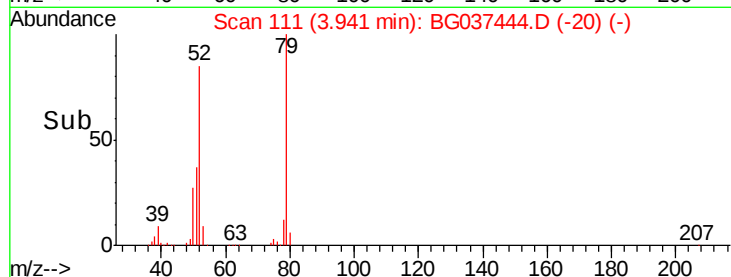
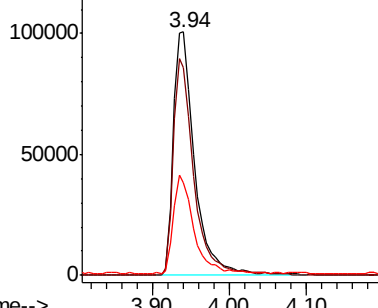
79 100

52 85.1 74.2 111.2

51 38.1 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.400 ng

RT: 3.86 min Scan# 97

Delta R.T. 0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

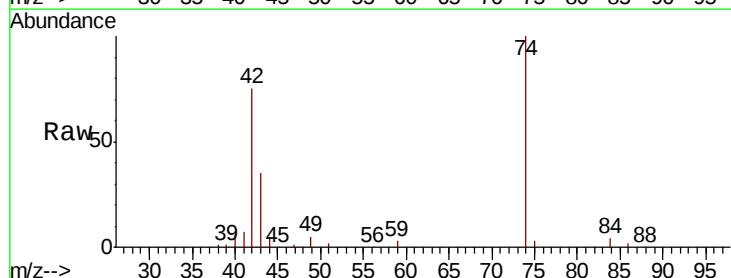
Tgt Ion: 42 Resp: 69179

Ion Ratio Lower Upper

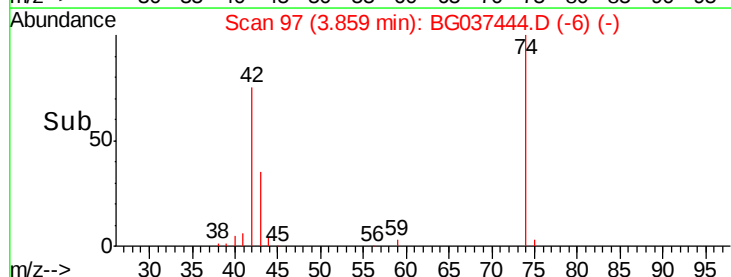
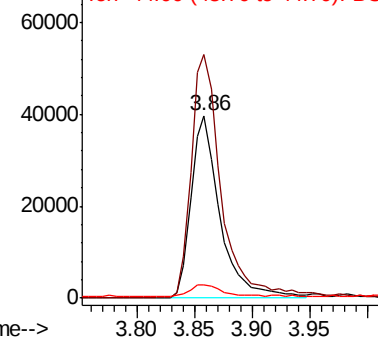
42 100

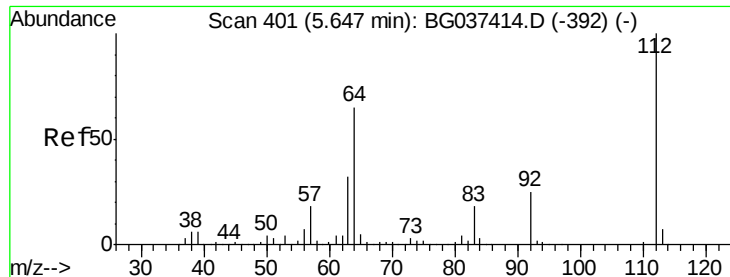
74 133.6 102.0 153.0

44 6.9 9.6 14.4#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 77.905 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

Instrument :

BNA_G

ClientSampleId :

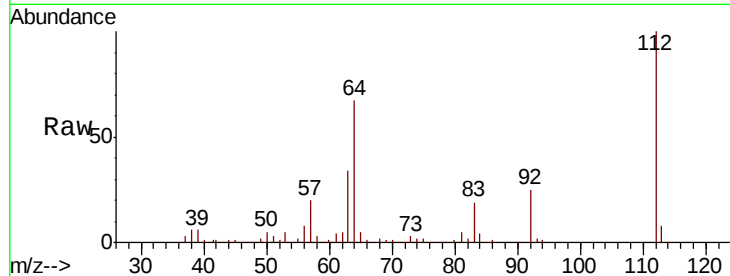
Tot Ion: 112 Resp: 293018

Ion Ratio Lower Upper

112 100

64 66.6 53.1 79.7

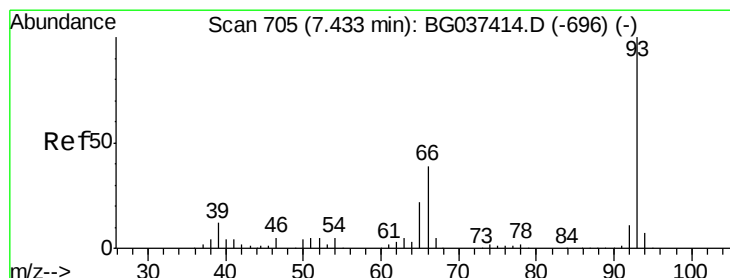
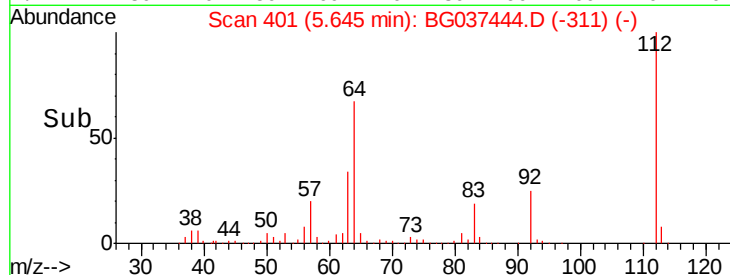
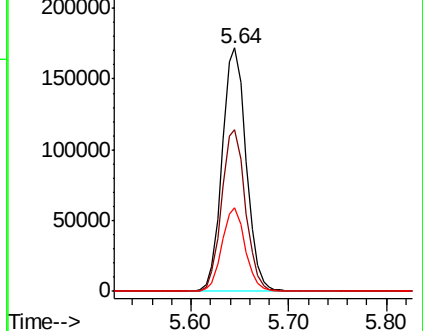
63 34.2 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.478 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

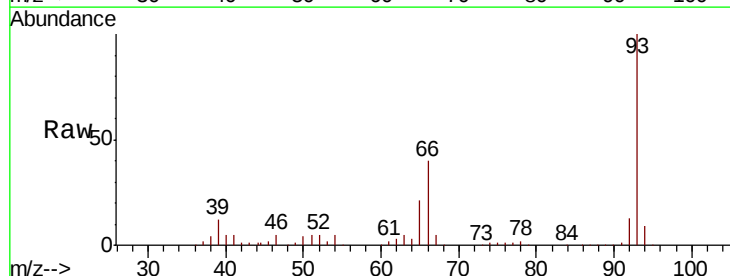
Tgt Ion: 93 Resp: 273907

Ion Ratio Lower Upper

93 100

66 39.6 32.8 49.2

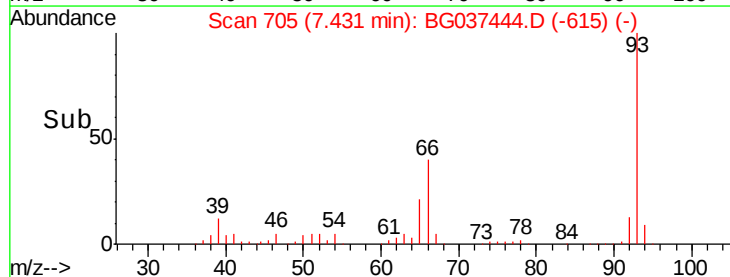
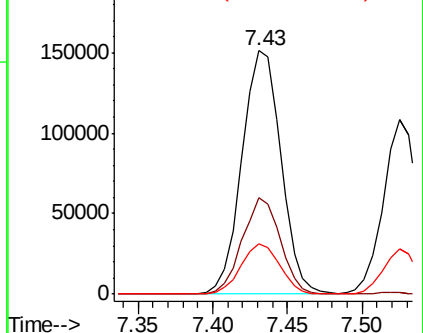
65 20.6 16.4 24.6

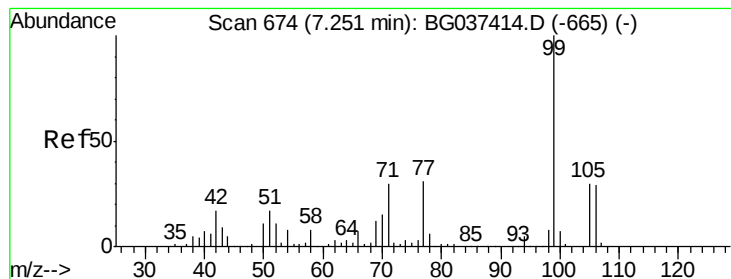


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 78.967 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

Instrument :

BNA_G

ClientSampleId :

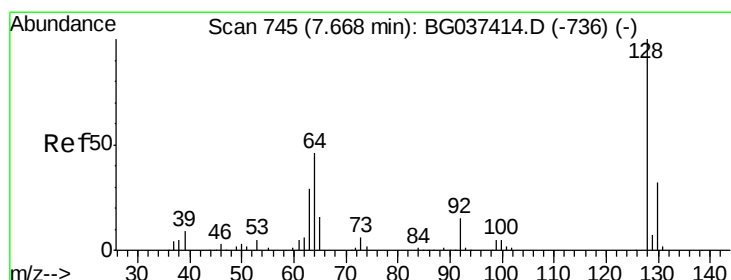
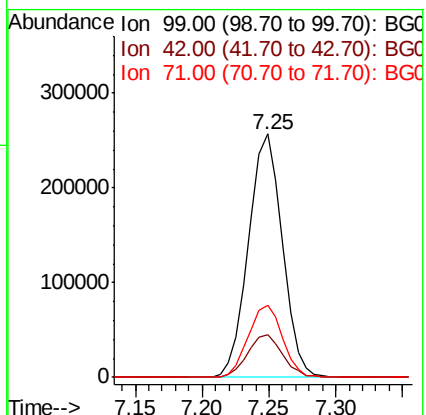
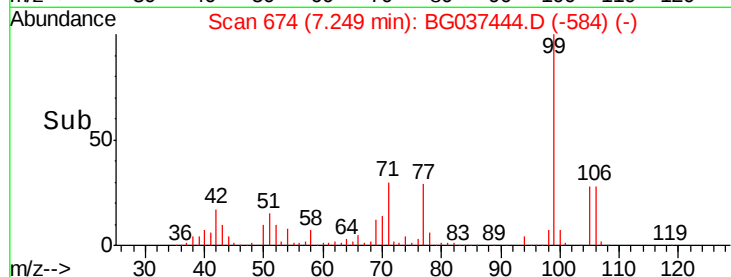
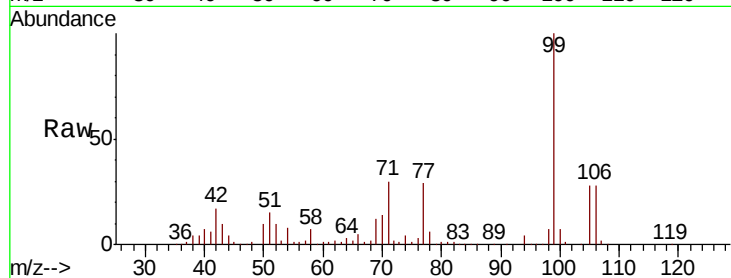
Tot Ion: 99 Resp: 449119

Ion Ratio Lower Upper

99 100

42 17.5 15.0 22.4

71 29.8 25.5 38.3



#8

2-Chlorophenol

Concen: 39.041 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

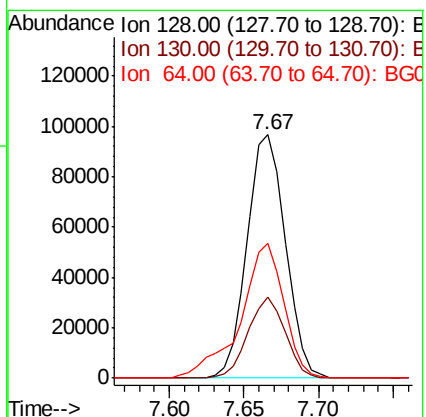
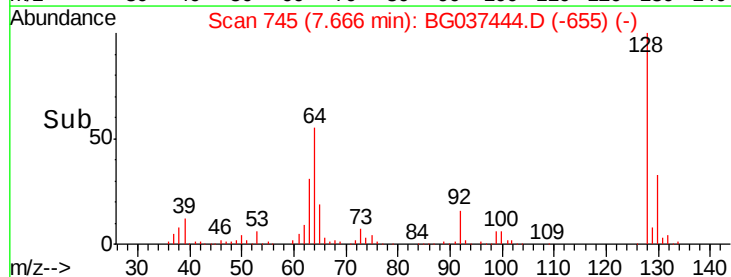
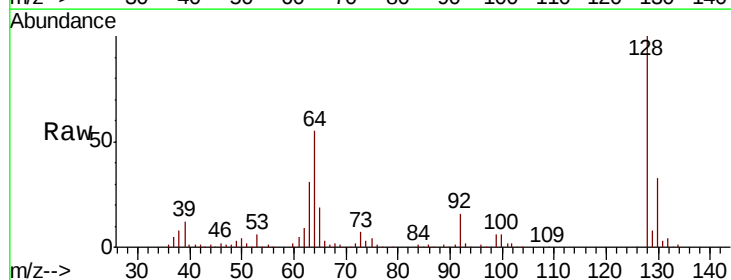
Tgt Ion: 128 Resp: 171781

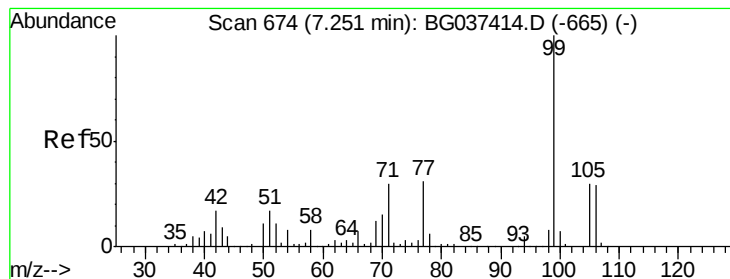
Ion Ratio Lower Upper

128 100

130 33.2 12.0 52.0

64 55.5 32.9 72.9





#9

Benzaldehyde

Concen: 37.628 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

Instrument :

BNA_G

ClientSampleId :

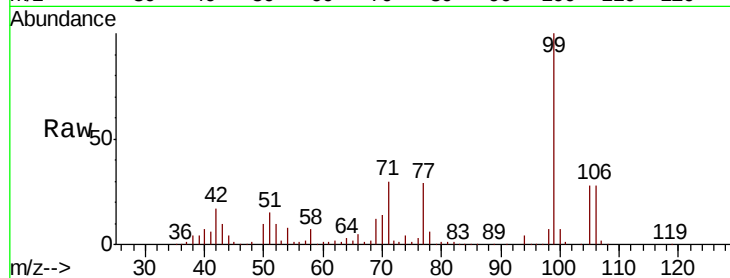
Tot Ion: 77 Resp: 133870

Ion Ratio Lower Upper

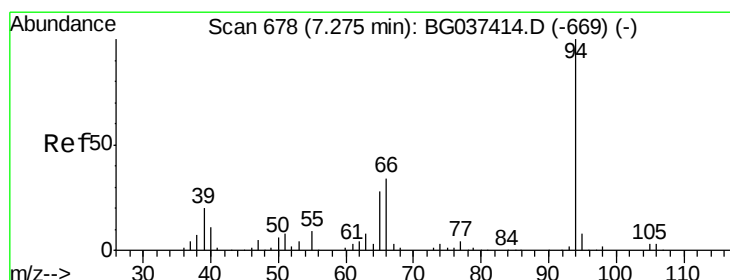
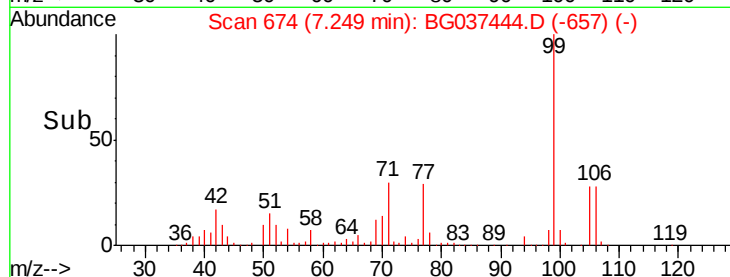
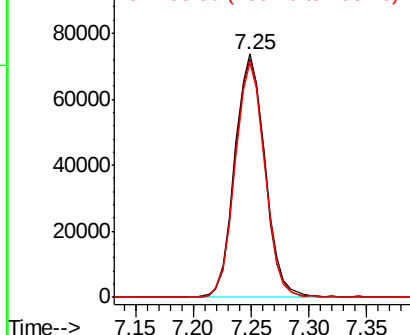
77 100

105 98.2 72.6 112.6

106 96.1 71.3 111.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.061 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

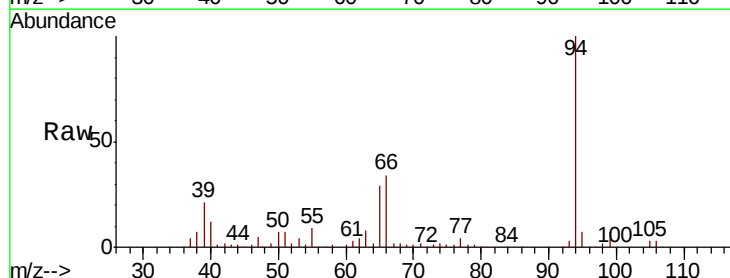
Tgt Ion: 94 Resp: 234398

Ion Ratio Lower Upper

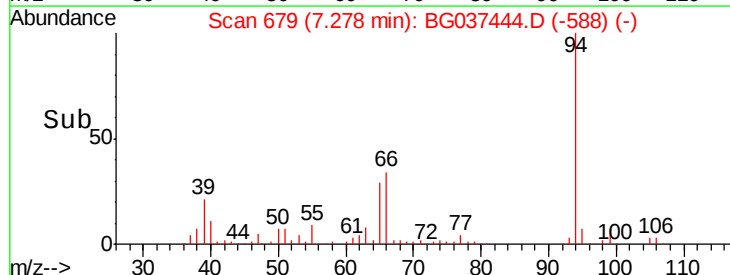
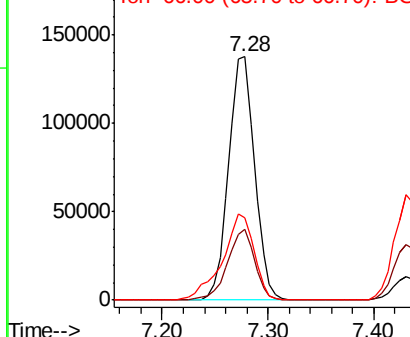
94 100

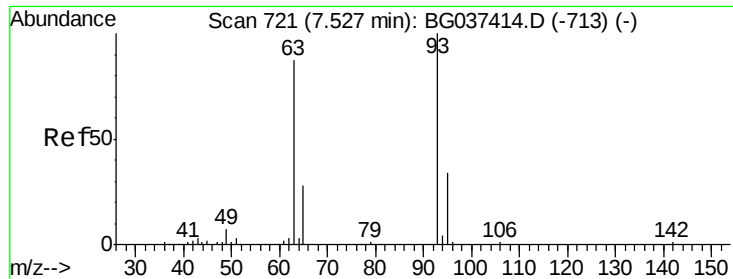
65 29.2 9.7 49.7

66 34.0 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

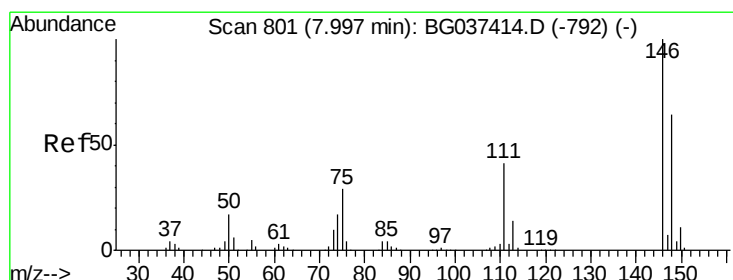
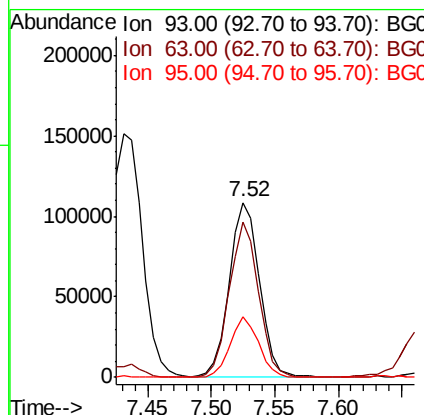
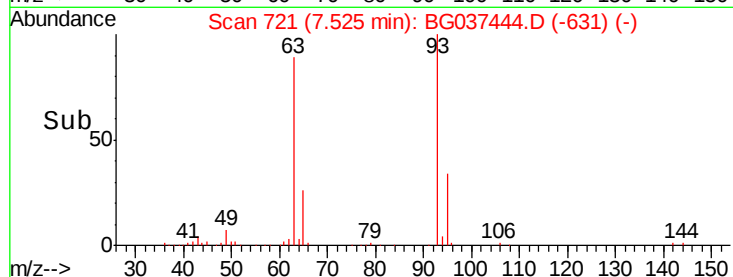
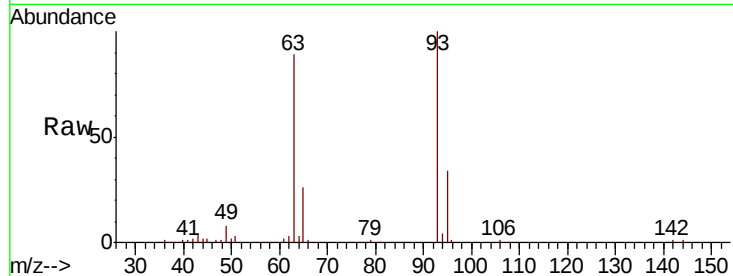




#11
 bis(2-Chloroethyl)ether
 Concen: 39.153 ng
 RT: 7.52 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BG037444.D
 Acq: 19 Oct 2018 7:45

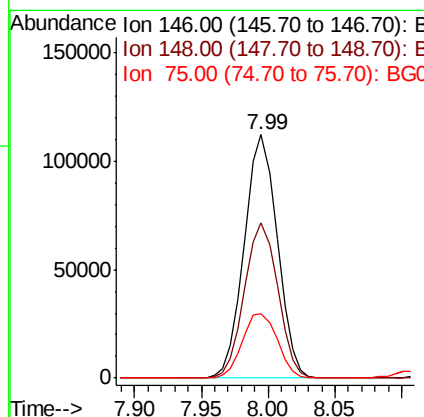
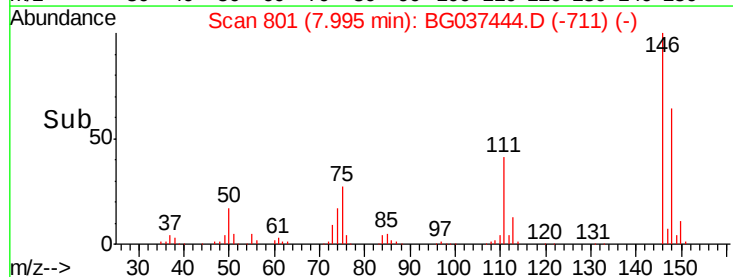
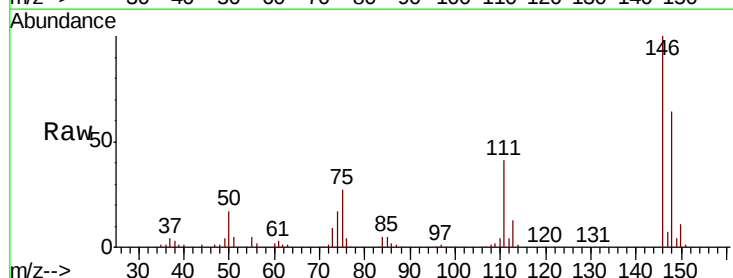
Instrument :
 BNA_G
 ClientSampleId :

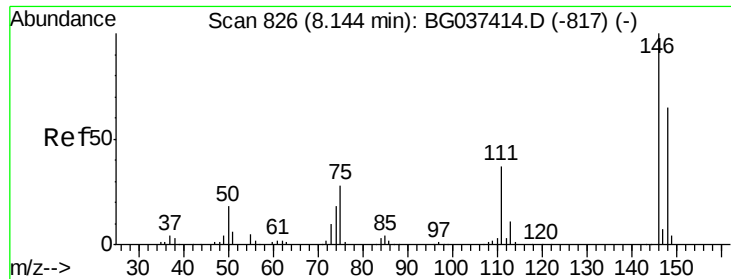
Tot Ion: 93 Resp: 178443
 Ion Ratio Lower Upper
 93 100
 63 88.9 69.5 109.5
 95 34.4 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 39.308 ng
 RT: 7.99 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BG037444.D
 Acq: 19 Oct 2018 7:45

Tgt Ion: 146 Resp: 192548
 Ion Ratio Lower Upper
 146 100
 148 63.6 49.8 74.8
 75 26.7 23.2 34.8

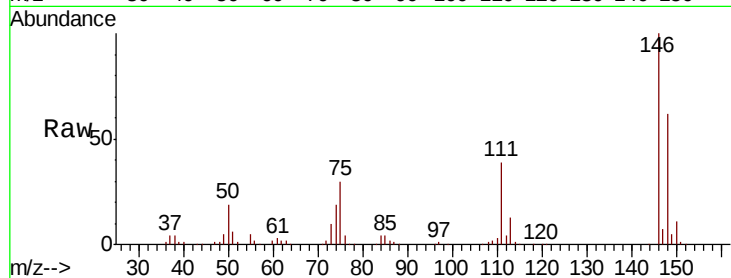




#13
 1,4-Dichlorobenzene
 Concen: 38.662 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037444.D
 Acq: 19 Oct 2018 7:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.0	76.6
111	38.6	32.4	48.6

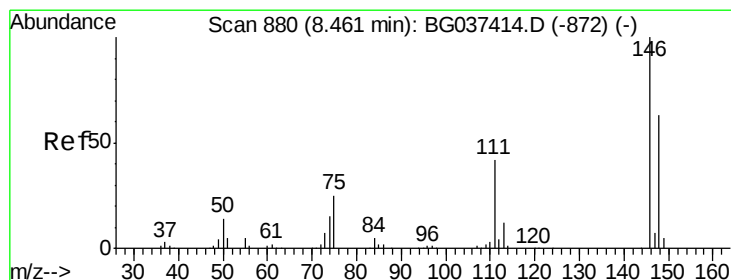
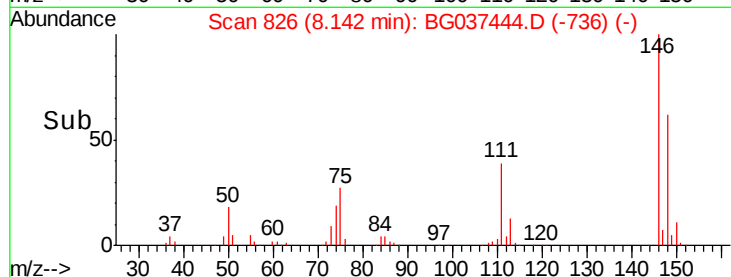
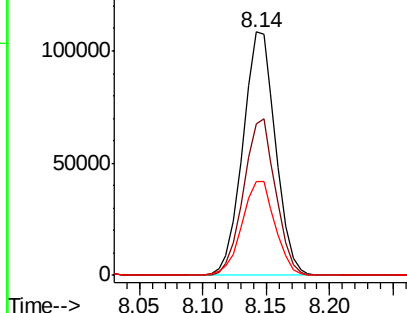


Abundance

Ion 146.00 (145.70 to 146.70): E

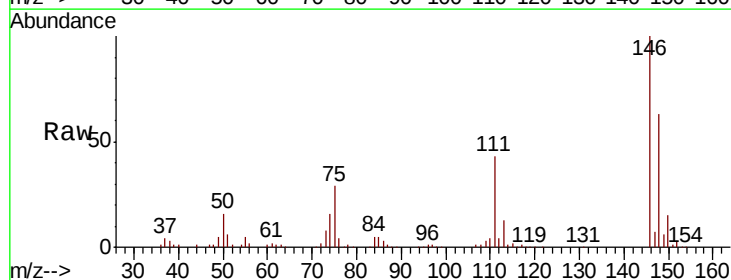
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.345 ng
 RT: 8.46 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BG037444.D
 Acq: 19 Oct 2018 7:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
111	42.5	34.6	51.8

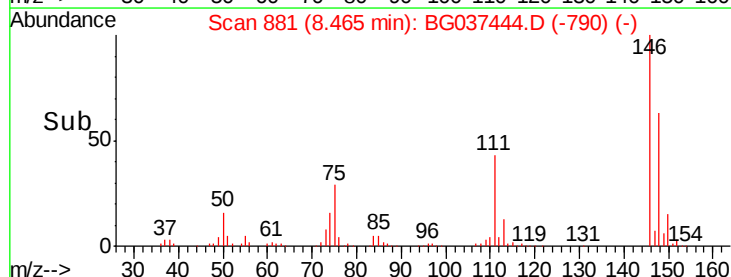
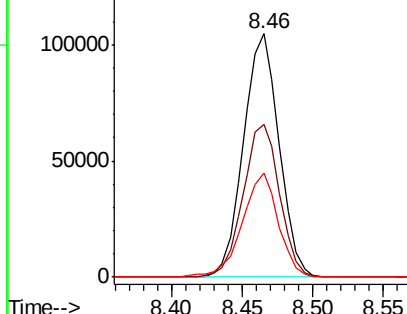


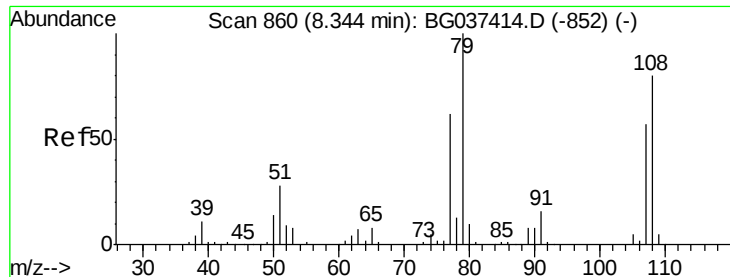
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.863 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

Instrument :

BNA_G

ClientSampleId :

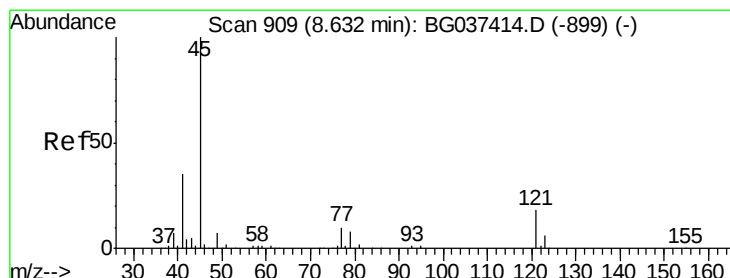
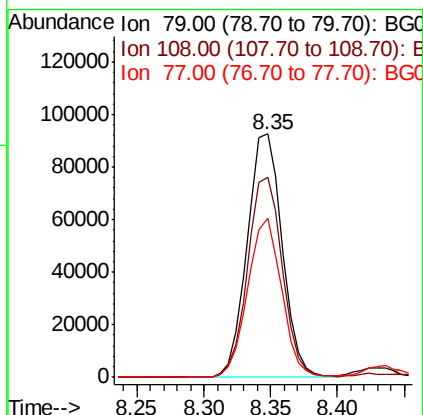
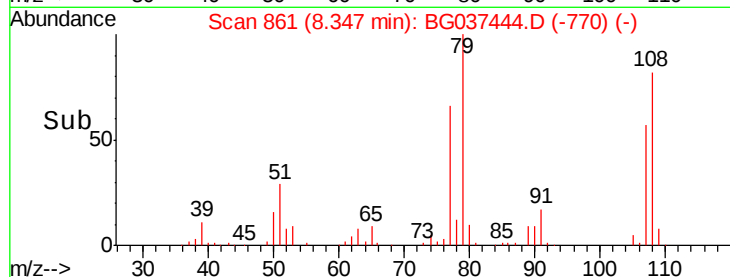
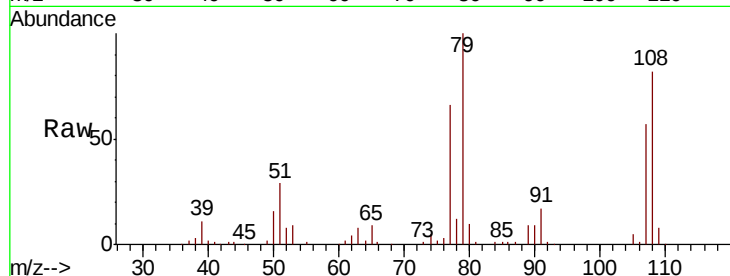
Tot Ion: 79 Resp: 167521

Ion Ratio Lower Upper

79 100

108 82.1 65.8 98.8

77 65.6 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.662 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

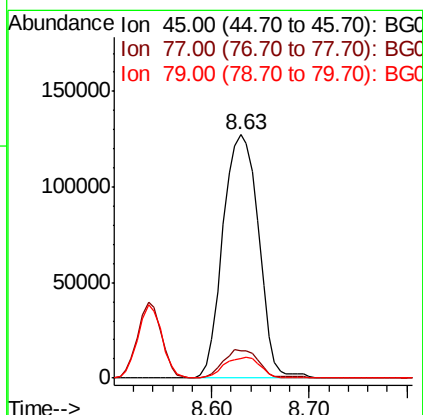
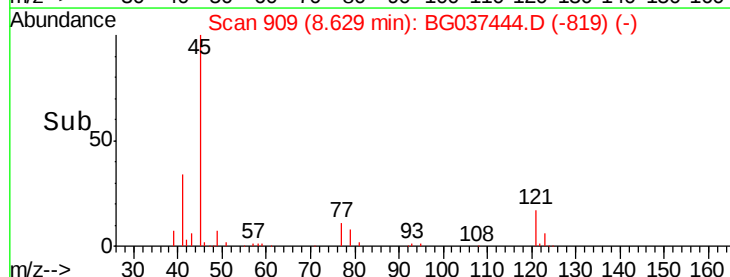
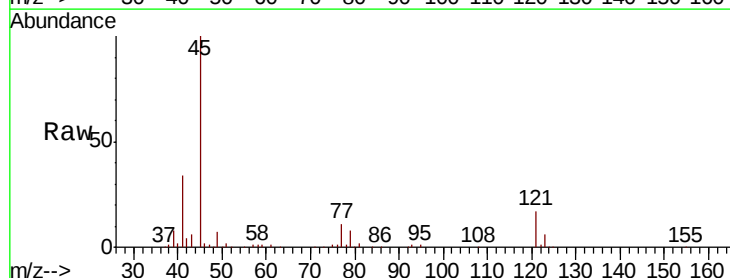
Tgt Ion: 45 Resp: 323441

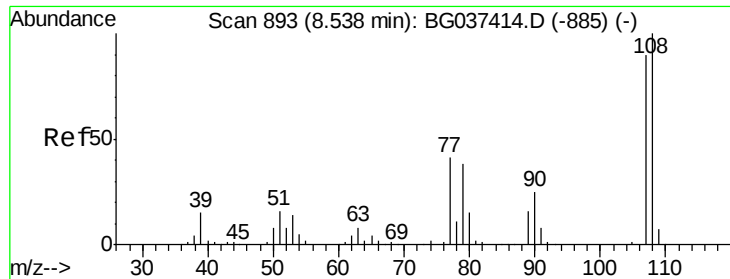
Ion Ratio Lower Upper

45 100

77 11.2 0.0 30.0

79 8.3 0.0 29.0

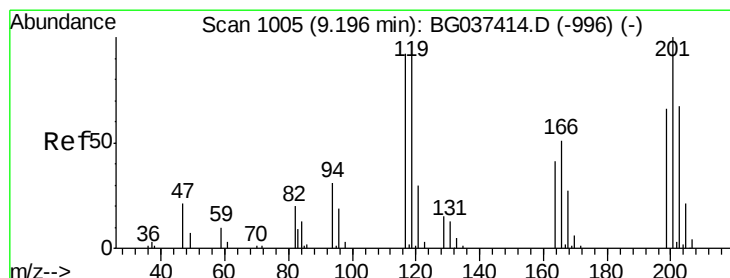
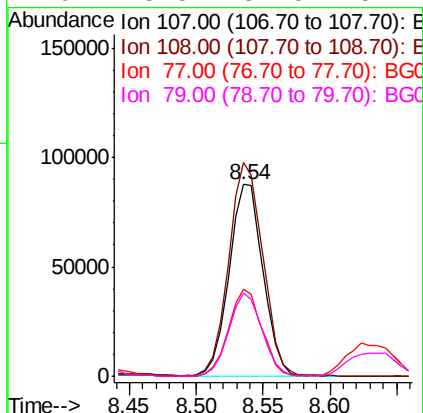
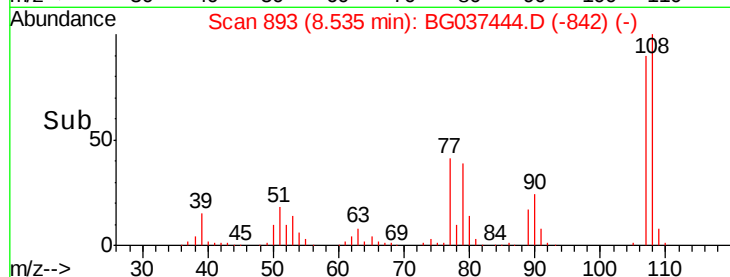
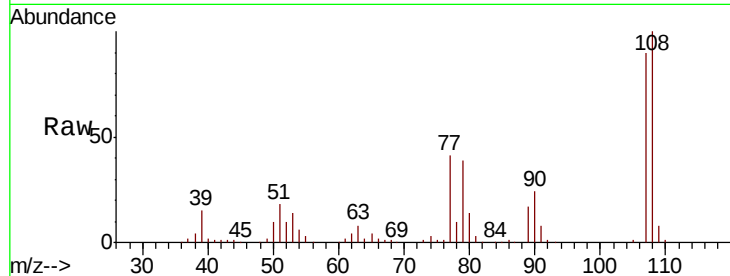




#17
2-Methylphenol
Concen: 39.174 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

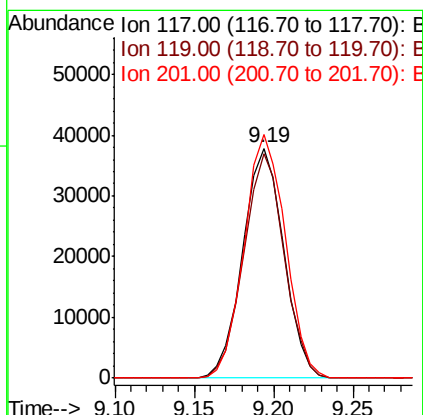
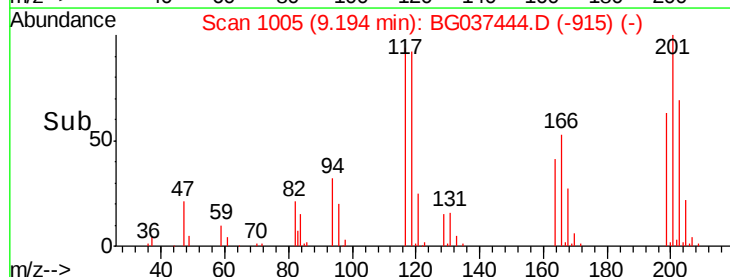
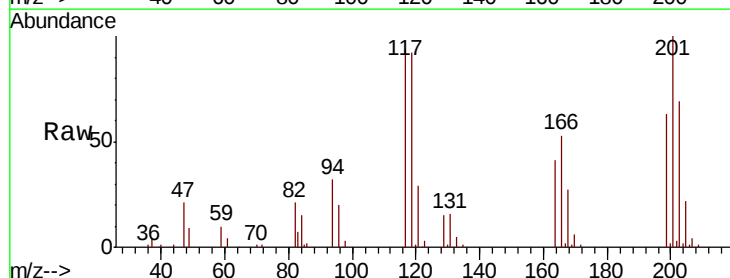
Instrument :
BNA_G
ClientSampled :

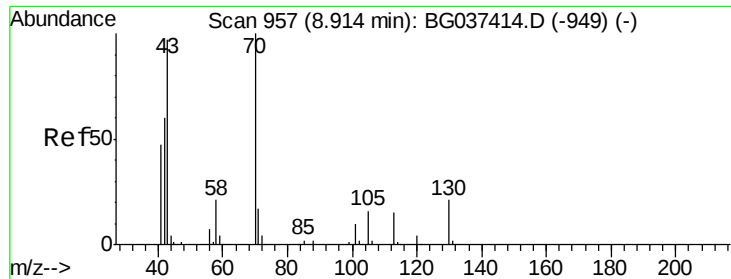
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.3	87.9	131.9
77	45.6	35.1	52.7
79	43.5	34.5	51.7



#18
Hexachloroethane
Concen: 39.739 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	74.6	111.8
201	106.0	80.8	121.2

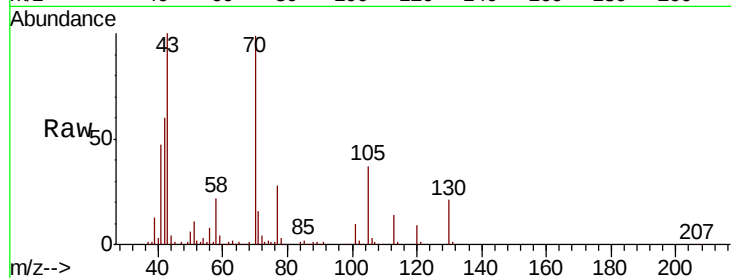




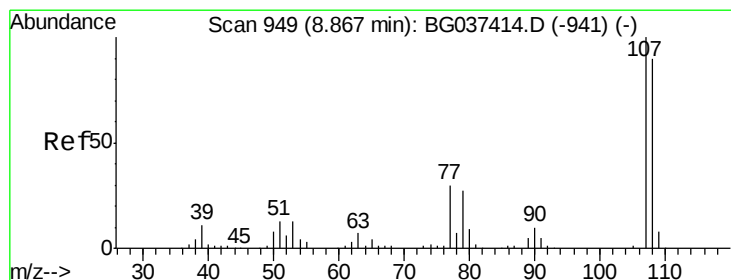
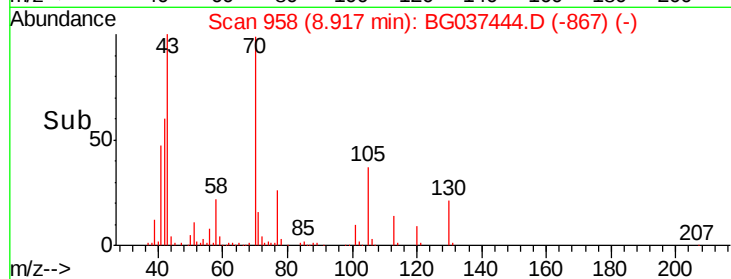
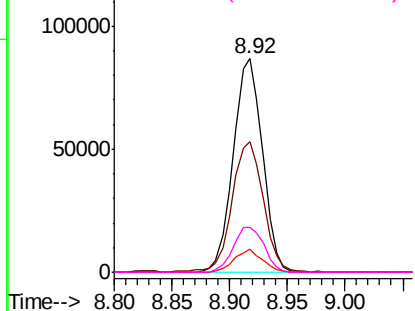
#19
n-Nitroso-di-n-propylamine
Concen: 38.766 ng
RT: 8.92 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	151824
Ion	Ratio	Lower	Upper
70	100		
42	60.9	53.9	80.9
101	10.6	8.2	12.2
130	21.2	18.2	27.4

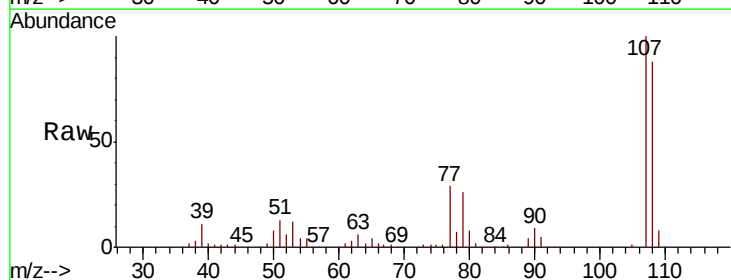


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

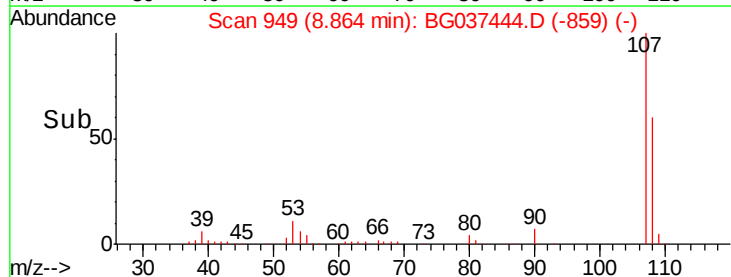
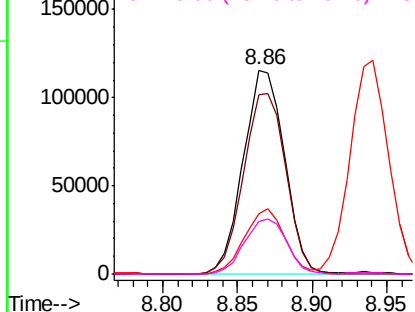


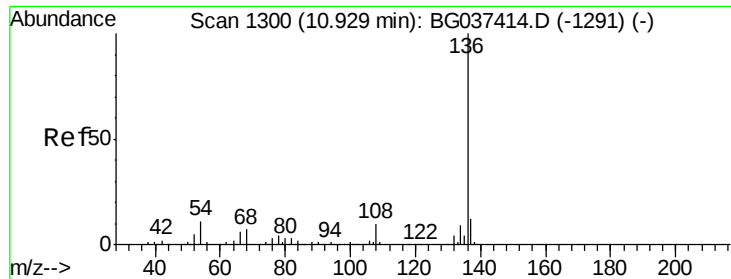
#20
3+4-Methylphenols
Concen: 39.142 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

Tgt Ion:	107	Resp:	222018
Ion	Ratio	Lower	Upper
107	100		
108	87.8	69.9	109.9
77	29.3	11.2	51.2
79	26.1	6.6	46.6



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 286576

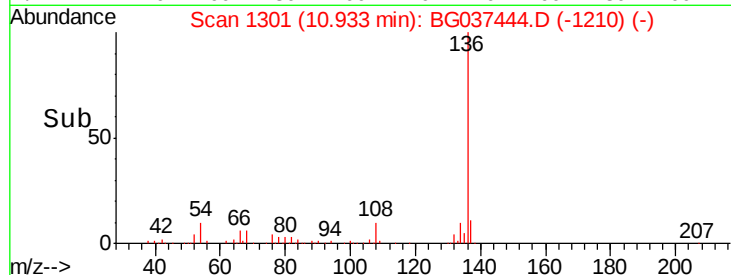
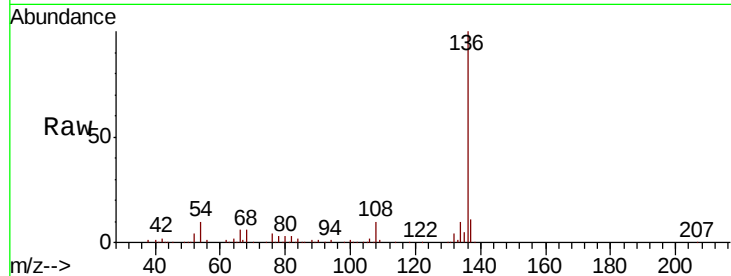
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 10.1 7.9 11.9

68 6.3 4.8 7.2

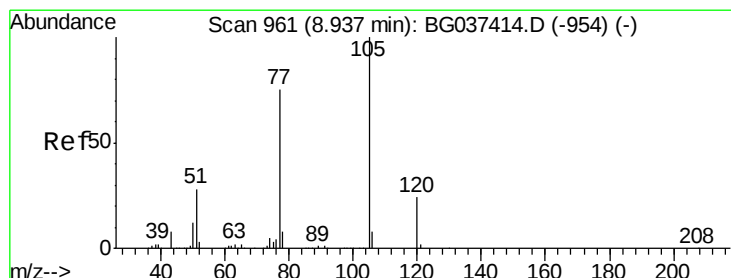
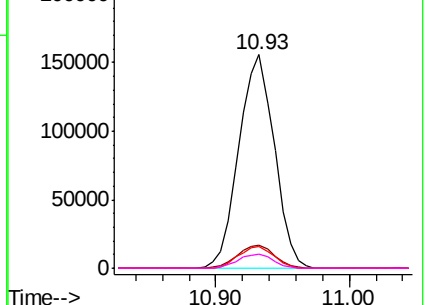


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.666 ng

RT: 8.94 min Scan# 962

Delta R.T. 0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

Tgt Ion:105 Resp: 285089

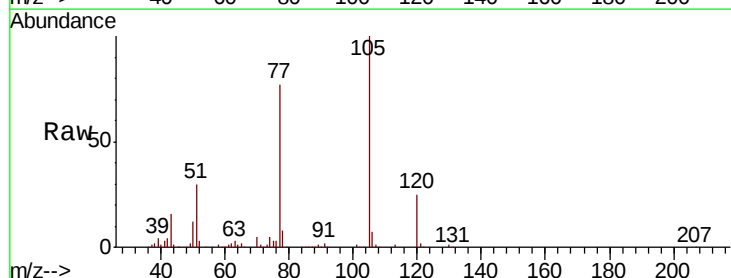
Ion Ratio Lower Upper

105 100

71 0.6 1.2 1.8#

51 30.0 25.0 37.6

120 24.7 18.6 28.0

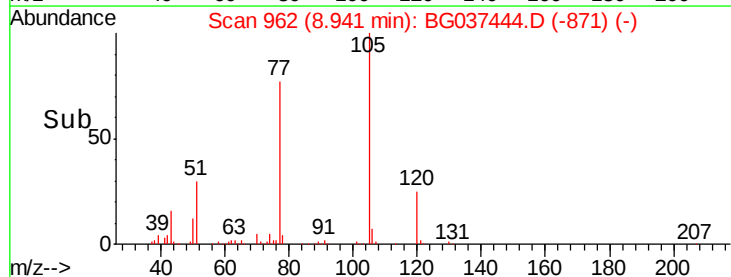
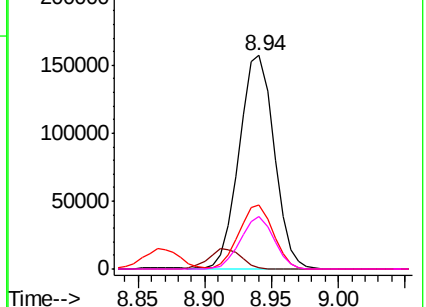


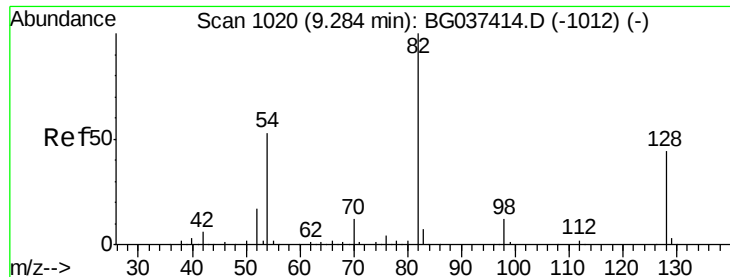
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

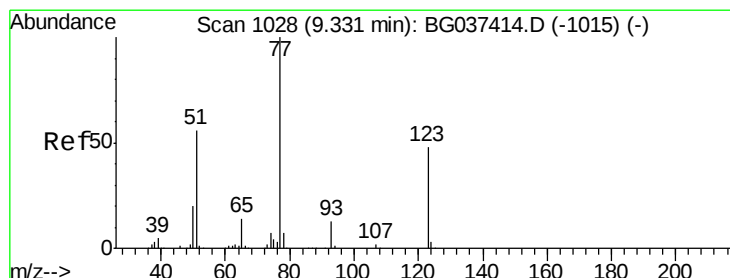
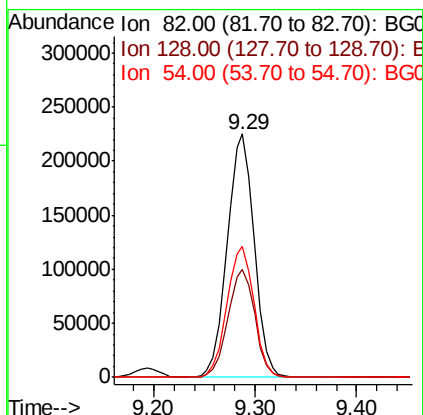
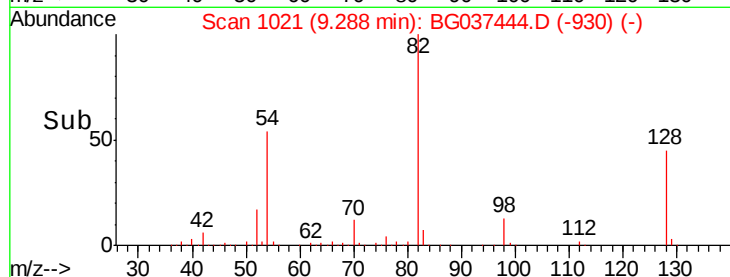
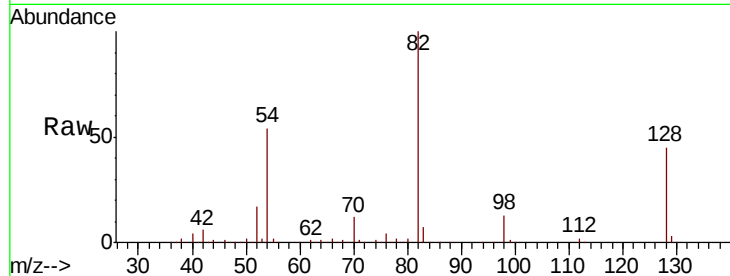




#23
 Nitrobenzene-d5
 Concen: 80.837 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG037444.D
 Acq: 19 Oct 2018 7:45

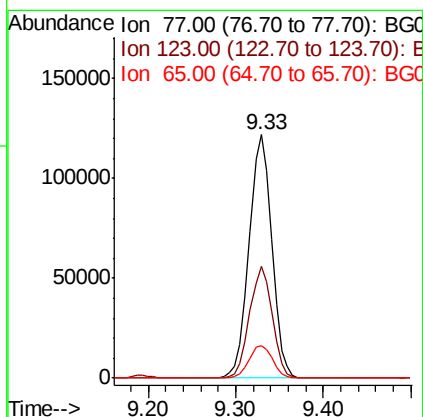
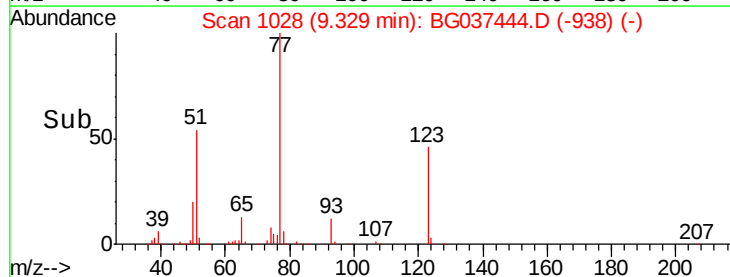
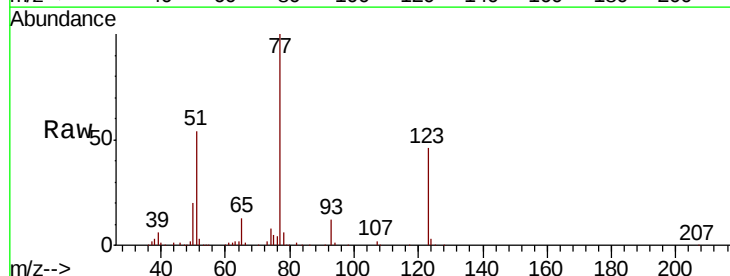
Instrument :
 BNA_G
 ClientSampleId :

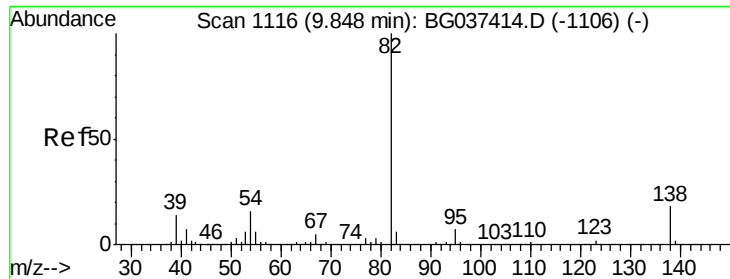
Tot Ion	82	Resp	413538
Ion Ratio	100	Lower	Upper
128	44.5	34.6	51.8
54	53.9	45.3	67.9



#24
 Nitrobenzene
 Concen: 40.341 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG037444.D
 Acq: 19 Oct 2018 7:45

Tgt Ion	77	Resp	214389
Ion Ratio	100	Lower	Upper
123	46.1	33.6	50.4
65	13.2	11.3	16.9





#25

Isophorone

Concen: 40.473 ng

RT: 9.85 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

Instrument :

BNA_G

ClientSampleId :

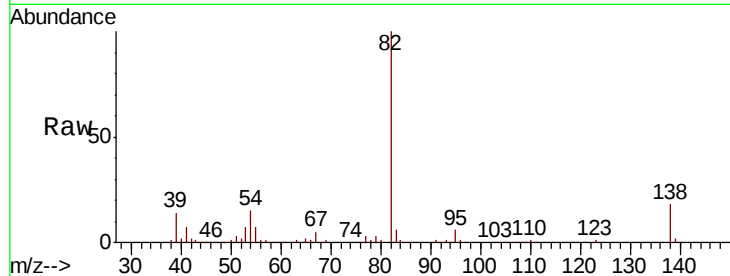
Tot Ion: 82 Resp: 378310

Ion Ratio Lower Upper

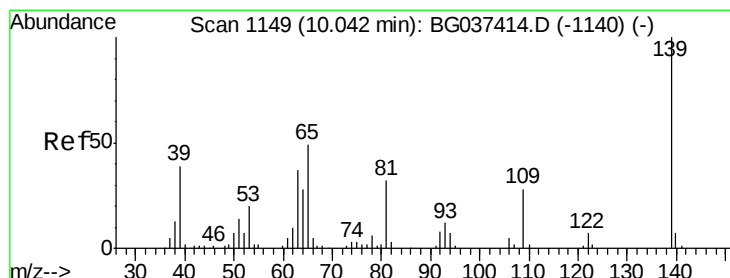
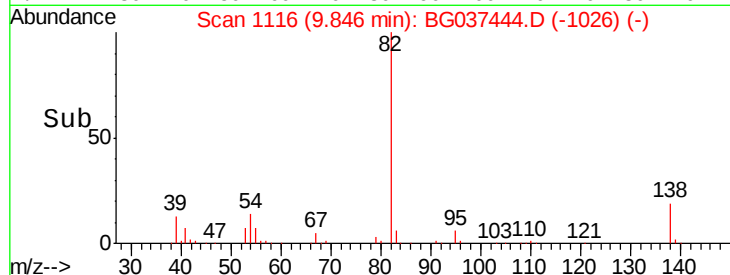
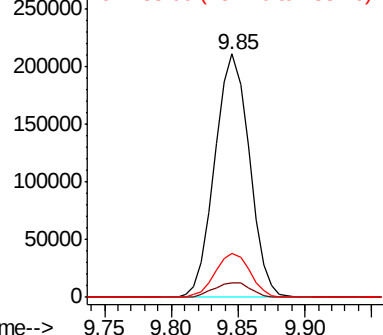
82 100

95 6.2 5.3 7.9

138 18.1 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 42.260 ng

RT: 10.04 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

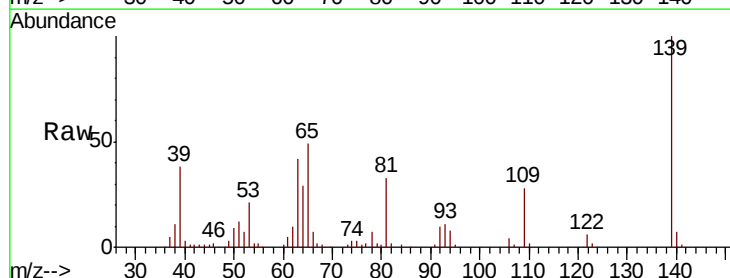
Tgt Ion: 139 Resp: 101176

Ion Ratio Lower Upper

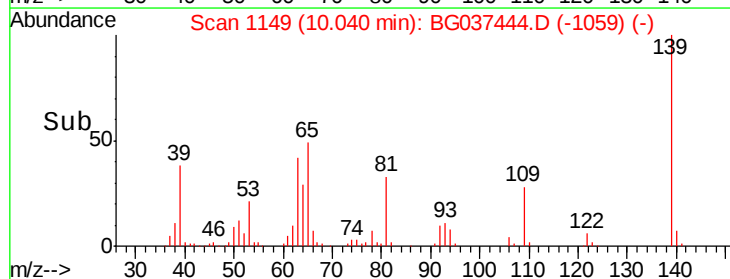
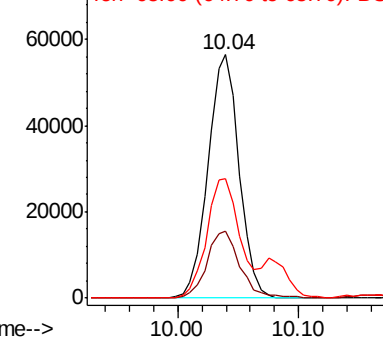
139 100

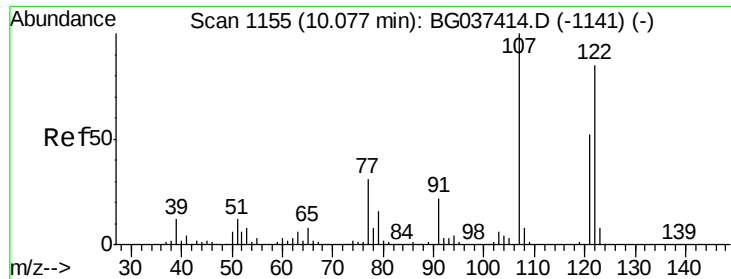
109 27.5 23.3 34.9

65 48.9 39.8 59.8



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

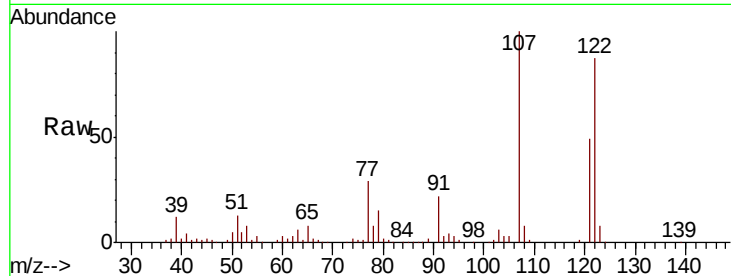




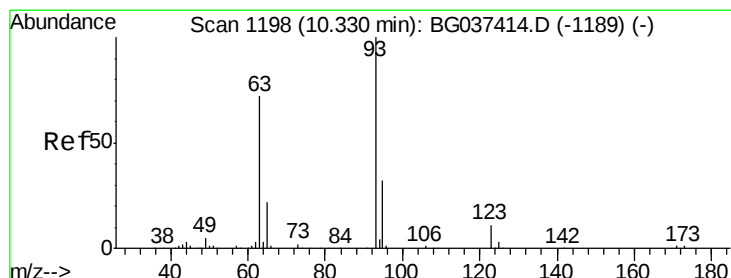
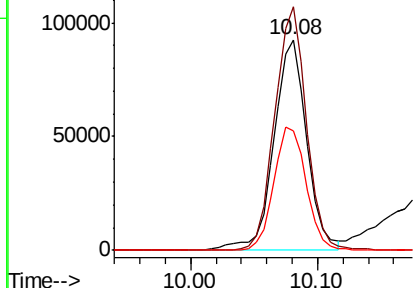
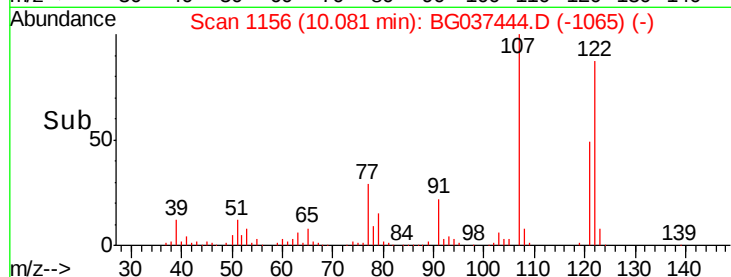
#27
 2,4-Dimethylphenol
 Concen: 39.016 ng
 RT: 10.08 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BG037444.D
 Acq: 19 Oct 2018 7:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 166778
 Ion Ratio Lower Upper
 122 100
 107 115.6 94.2 141.2
 121 56.6 47.3 70.9

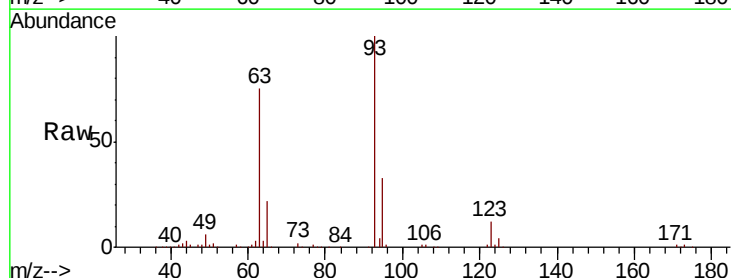


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

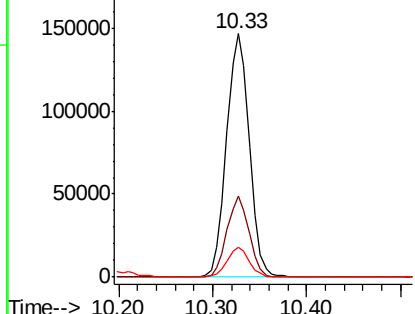
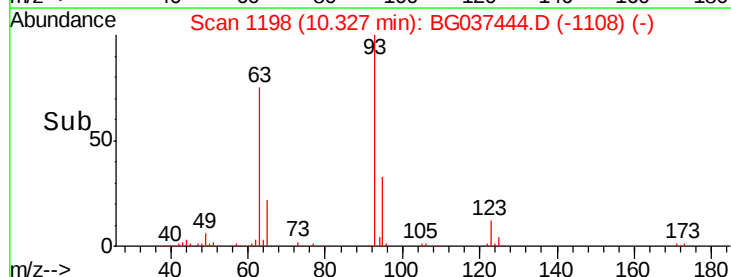


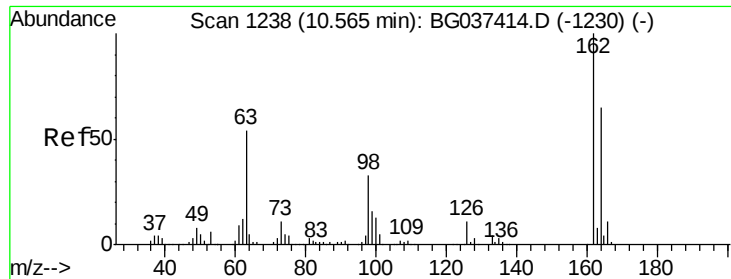
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.211 ng
 RT: 10.33 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BG037444.D
 Acq: 19 Oct 2018 7:45

Tgt Ion: 93 Resp: 246256
 Ion Ratio Lower Upper
 93 100
 95 33.0 24.6 37.0
 123 12.1 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

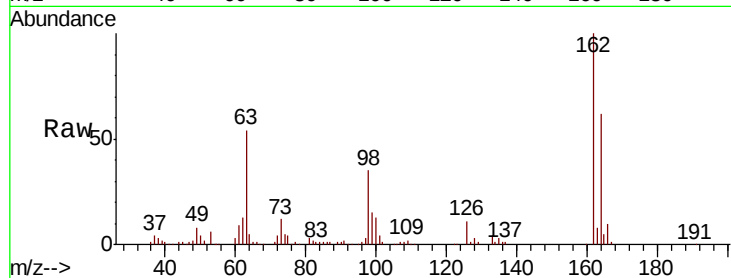




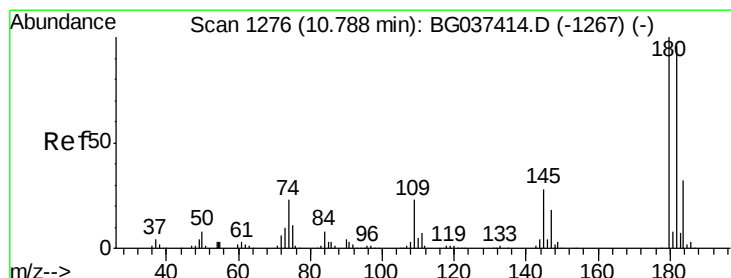
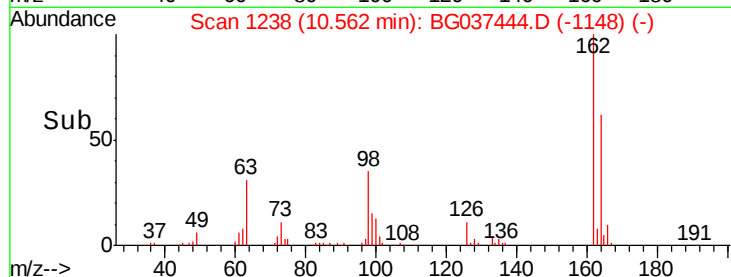
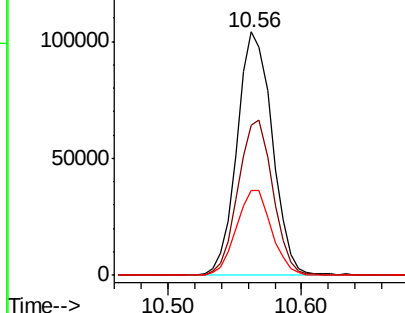
#29
 2,4-Dichlorophenol
 Concen: 39.946 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037444.D
 Acq: 19 Oct 2018 7:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.7	43.2	83.2
98	35.0	16.0	56.0

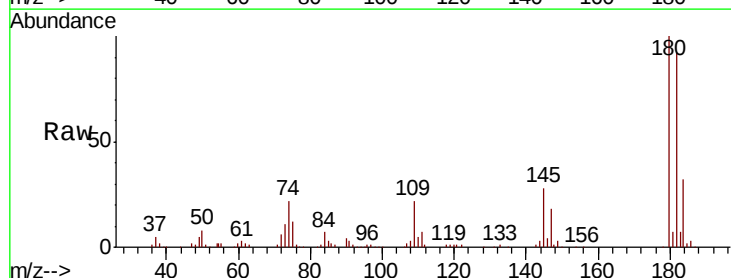


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

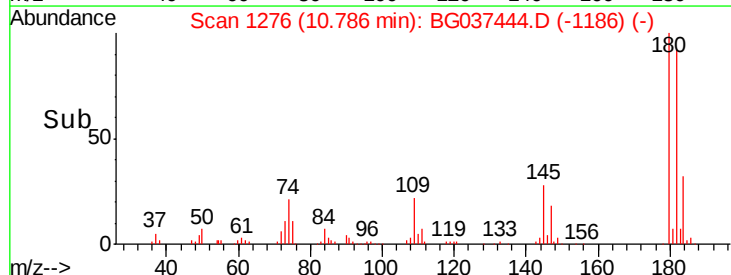
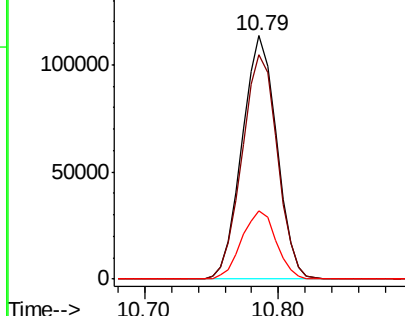


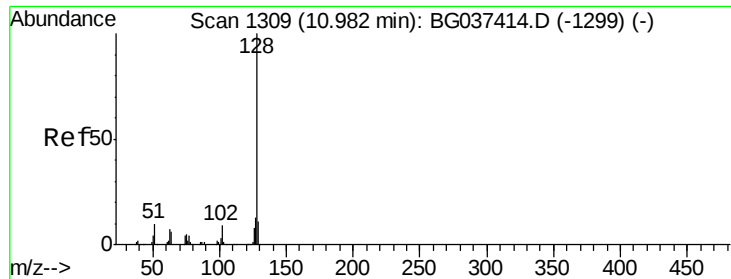
#30
 1,2,4-Trichlorobenzene
 Concen: 39.248 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG037444.D
 Acq: 19 Oct 2018 7:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	77.7	116.5
145	28.1	23.3	34.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

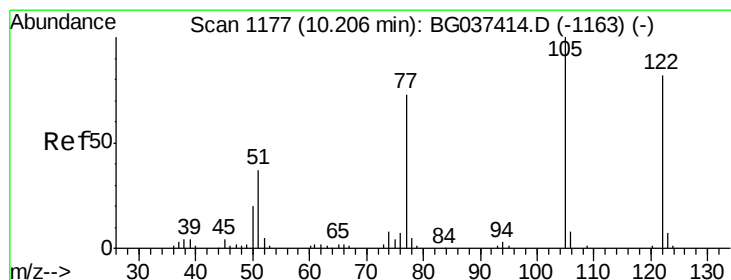
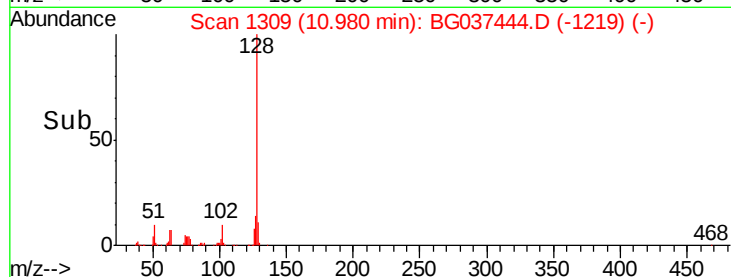
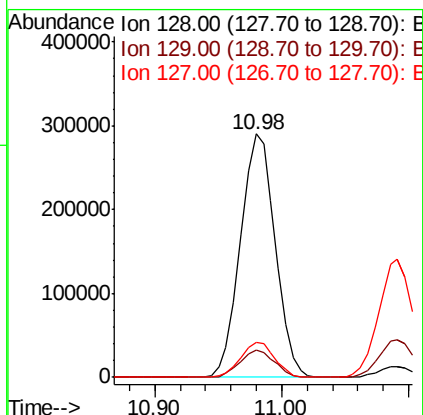
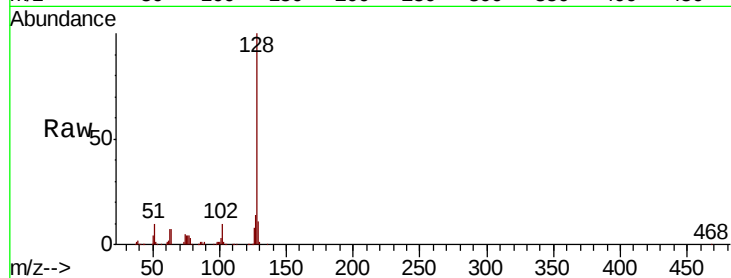




#31
Naphthalene
Concen: 39.137 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

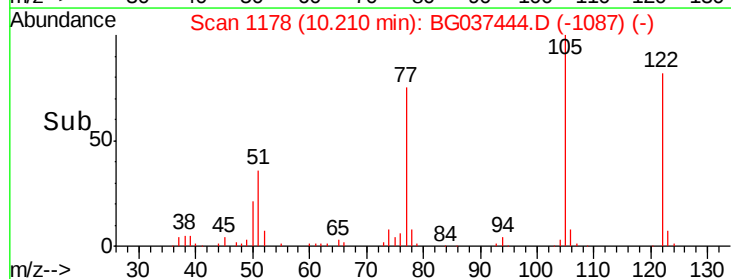
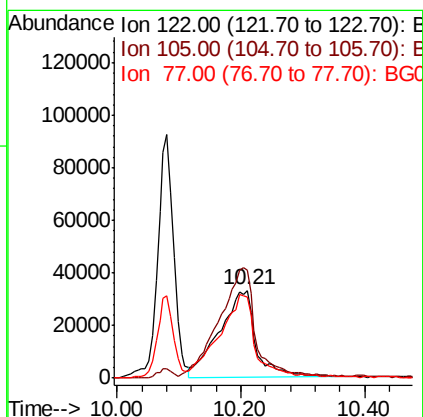
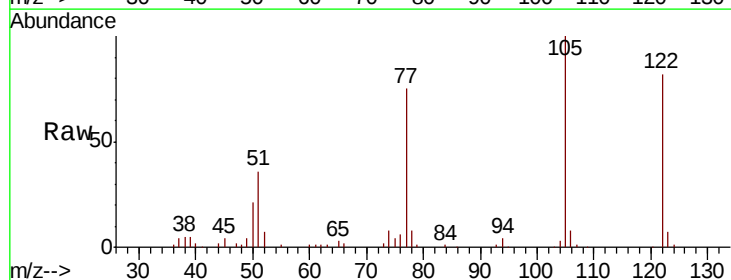
Instrument :
BNA_G
ClientSampleId :

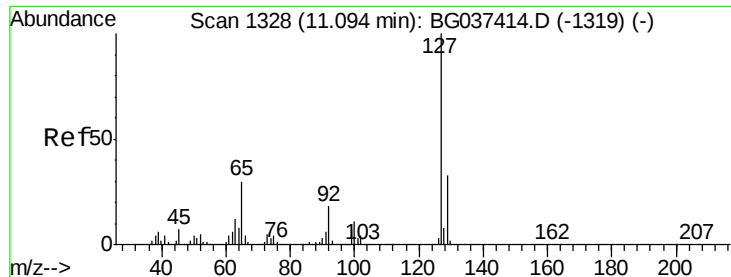
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	14.5	11.1	16.7



#32
Benzoic acid
Concen: 48.285 ng
RT: 10.21 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.2	106.7	146.7
77	91.7	72.2	112.2

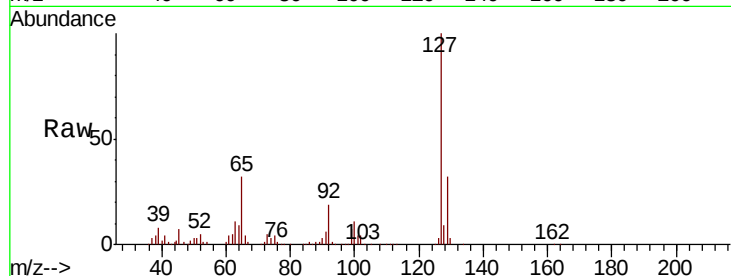




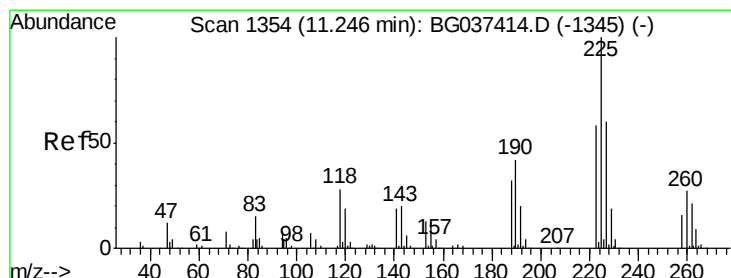
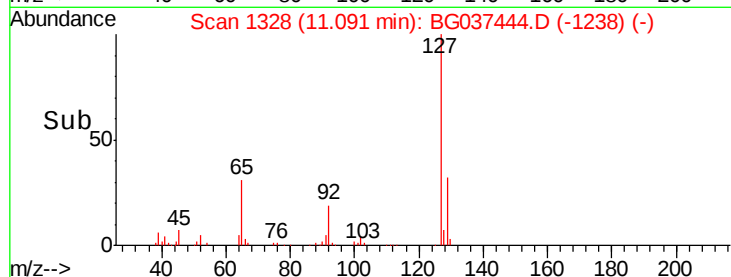
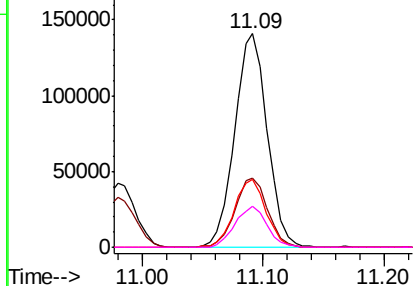
#33
4-Chloroaniline
Concen: 39.869 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	263681
Ion	Ratio	Lower	Upper
127	100		
129	32.2	27.1	40.7
65	31.6	26.6	39.8
92	19.0	16.4	24.6

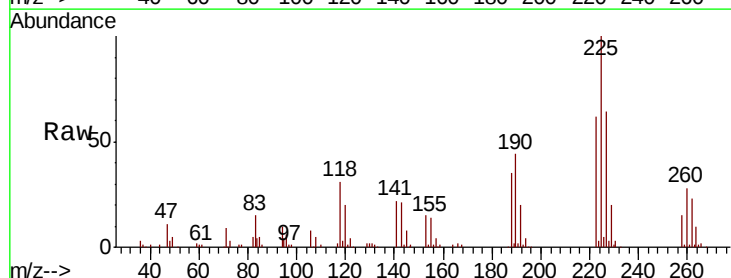


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

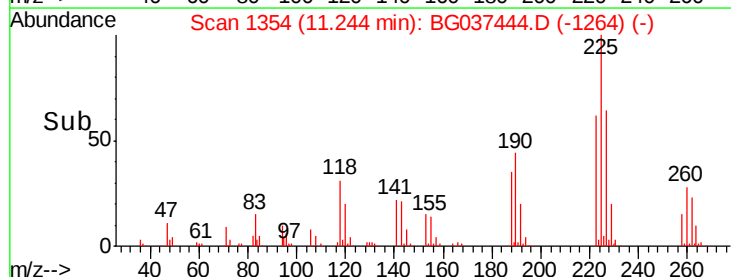
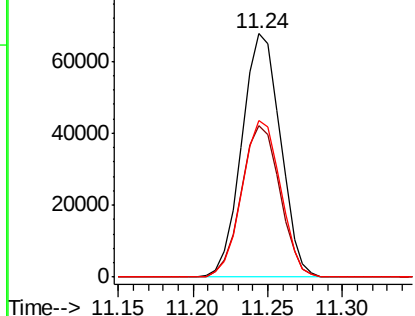


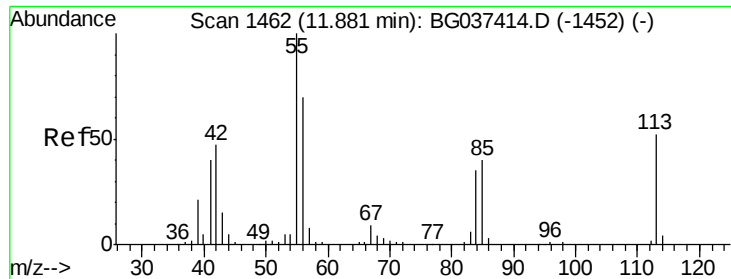
#34
Hexachlorobutadiene
Concen: 39.557 ng
RT: 11.24 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

Tgt Ion:	225	Resp:	121342
Ion	Ratio	Lower	Upper
225	100		
223	62.4	48.2	72.4
227	67.0	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.514 ng

RT: 11.88 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

Instrument :

BNA_G

ClientSampled :

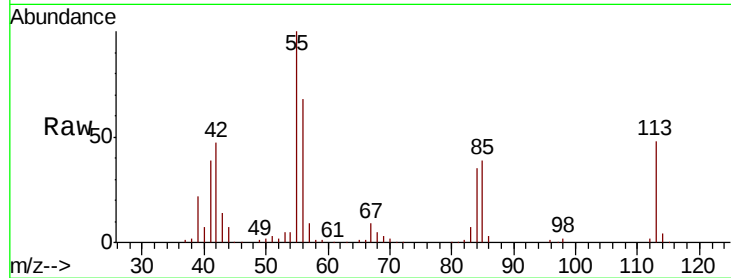
Tot Ion:113 Resp: 79243

Ion Ratio Lower Upper

113 100

55 210.2 176.6 216.6

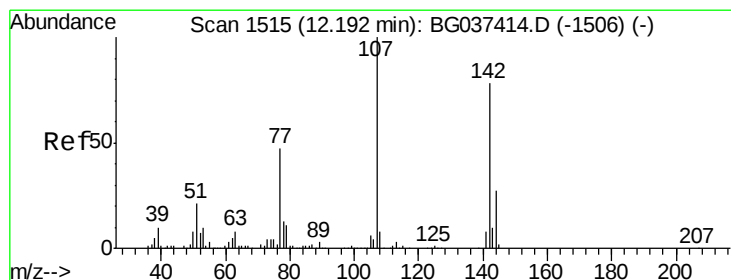
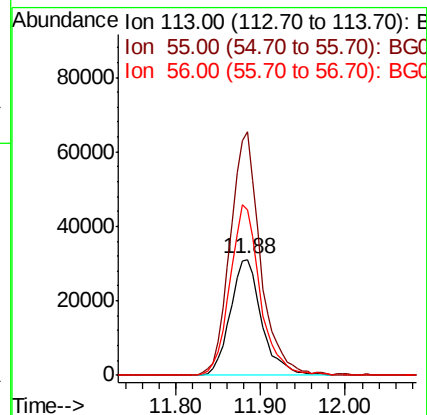
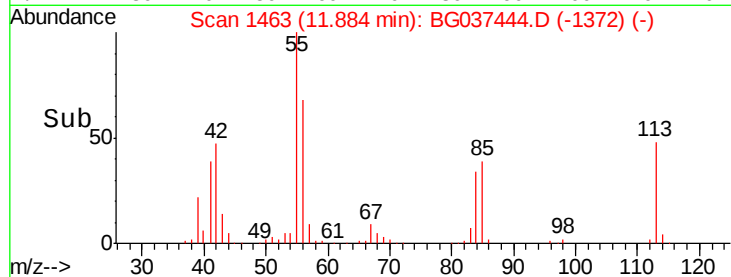
56 143.5 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.022 ng

RT: 12.19 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

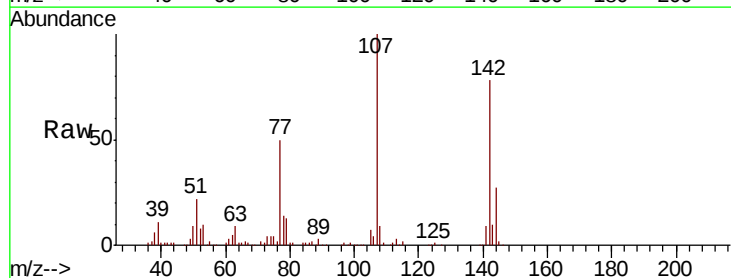
Tgt Ion:107 Resp: 214817

Ion Ratio Lower Upper

107 100

144 27.3 20.7 31.1

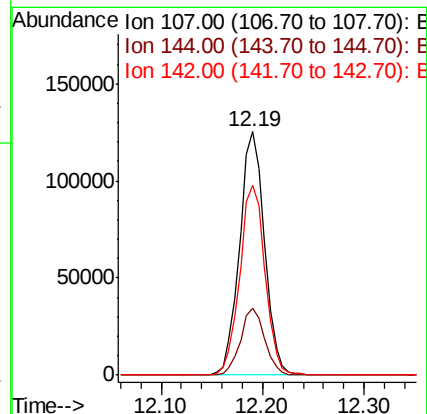
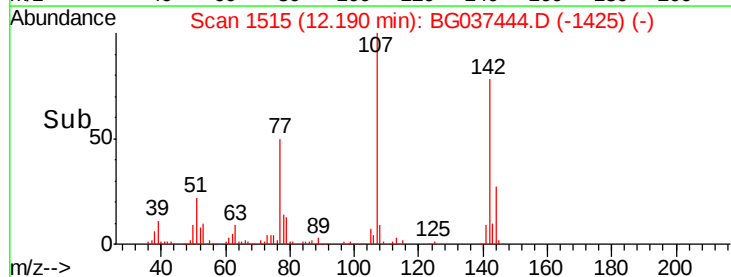
142 78.1 64.4 96.6

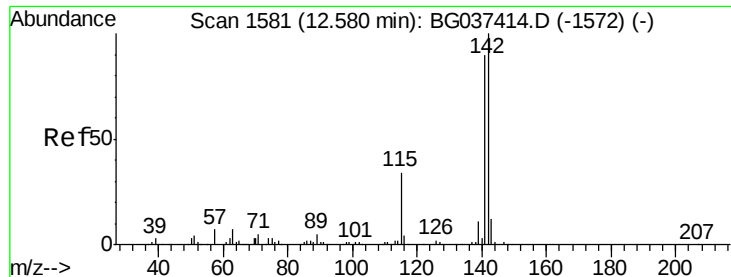


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

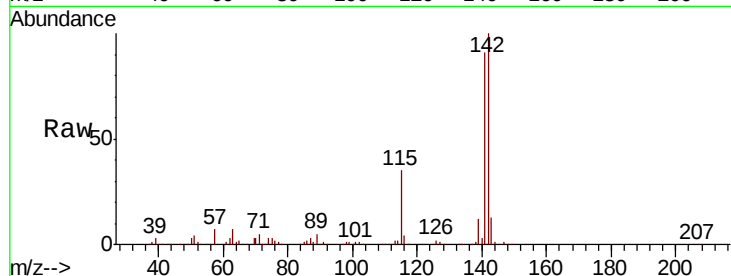




#37
 2-Methylnaphthalene
 Concen: 39.286 ng
 RT: 12.58 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BG037444.D
 Acq: 19 Oct 2018 7:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.9	107.9
115	35.4	27.8	41.8

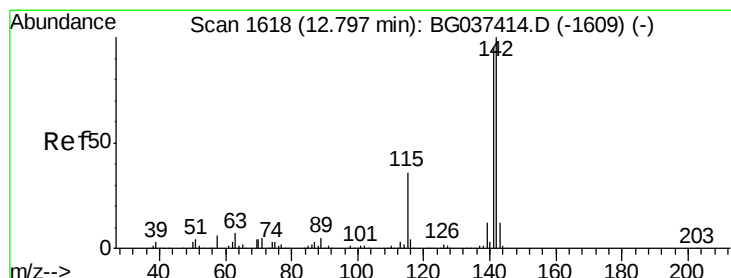
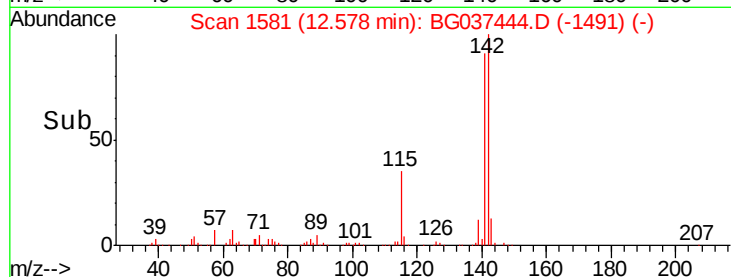
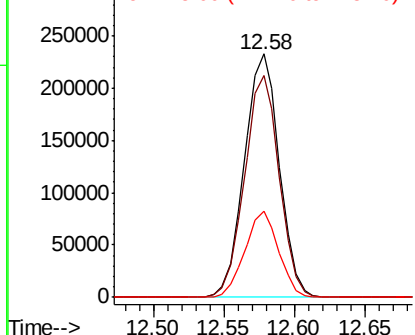


Abundance

Ion 142.00 (141.70 to 142.70): E

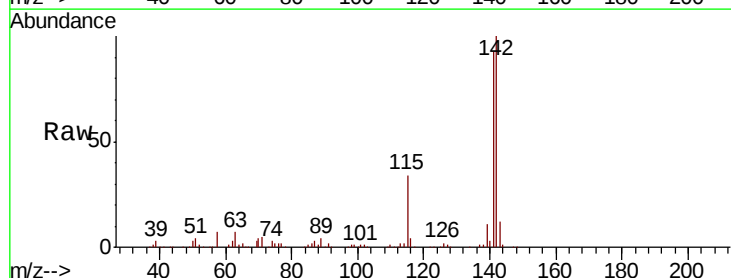
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 39.164 ng
 RT: 12.80 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BG037444.D
 Acq: 19 Oct 2018 7:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	75.2	112.8
116	3.5	3.3	4.9

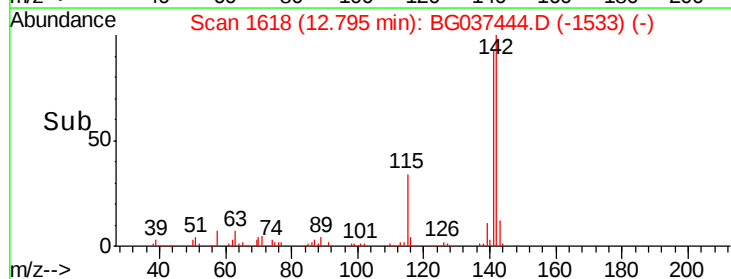
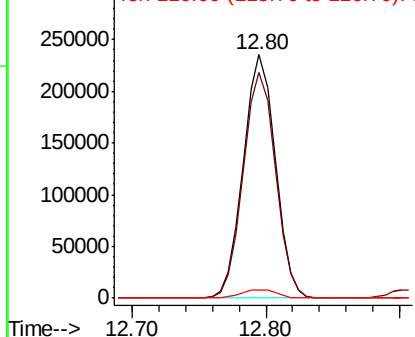


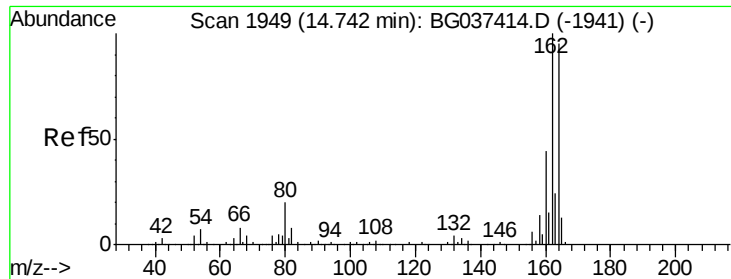
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

Instrument :

BNA_G

ClientSampleId :

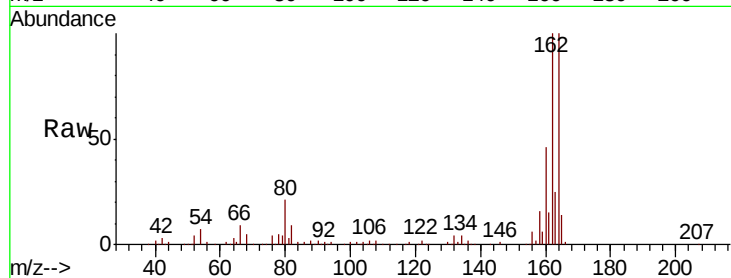
Tot Ion:164 Resp: 189614

Ion Ratio Lower Upper

164 100

162 99.8 81.3 121.9

160 45.6 36.3 54.5

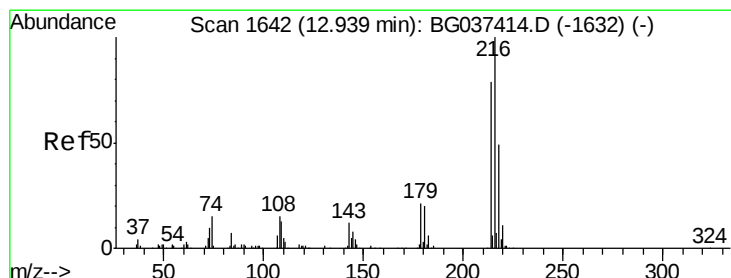
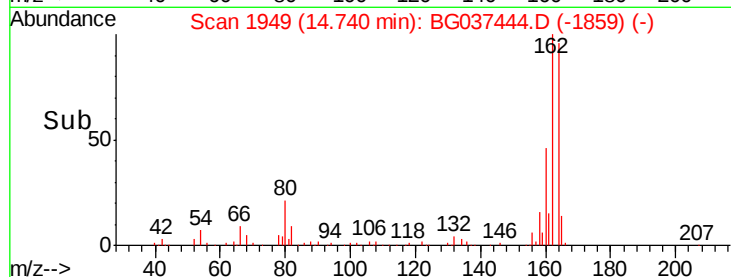
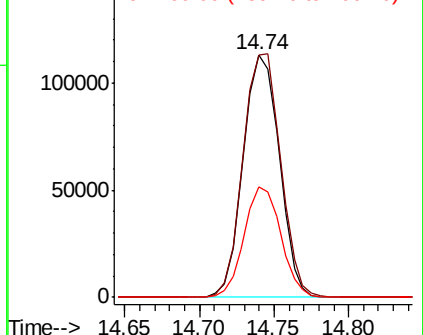


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.942 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

Tgt Ion:216 Resp: 238173

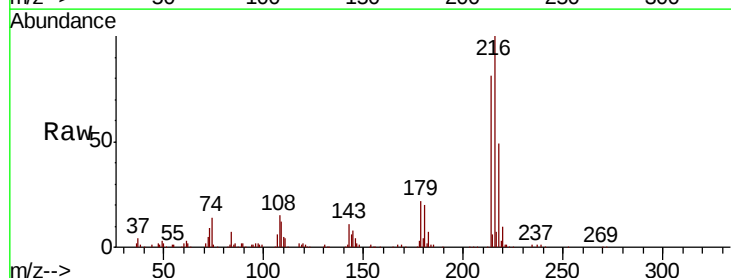
Ion Ratio Lower Upper

216 100

214 80.4 63.8 95.6

179 20.9 17.4 26.0

108 17.8 13.9 20.9



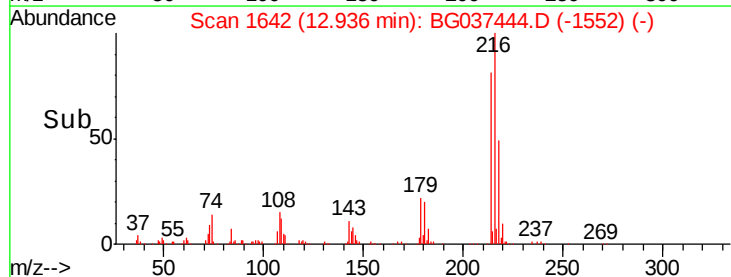
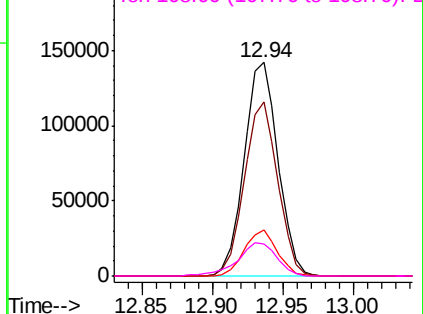
Abundance

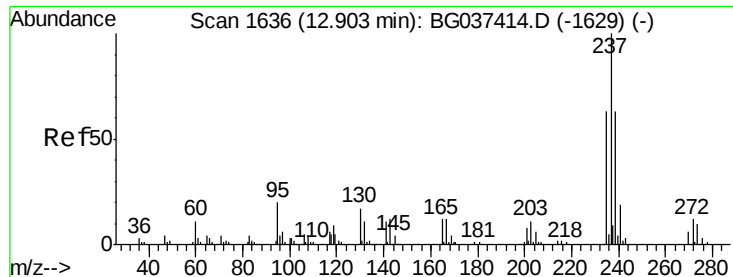
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.745 ng

RT: 12.91 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

Instrument :

BNA_G

ClientSampleId :

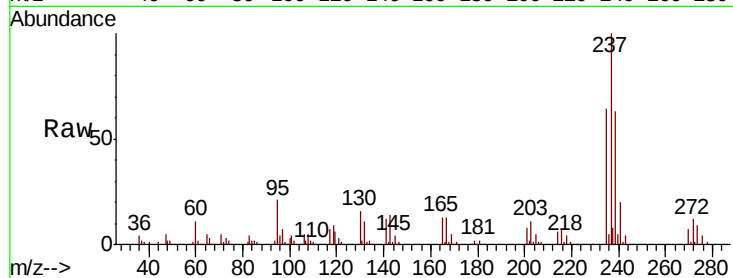
Tot Ion:237 Resp: 119037

Ion Ratio Lower Upper

237 100

235 64.2 42.5 82.5

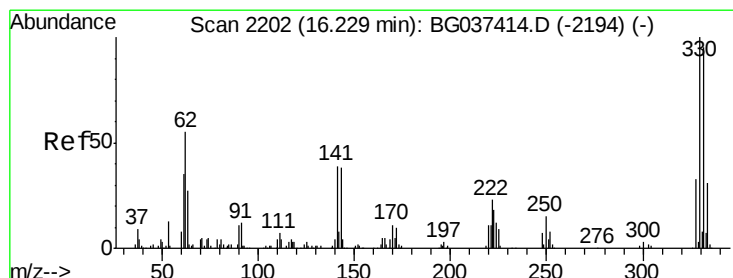
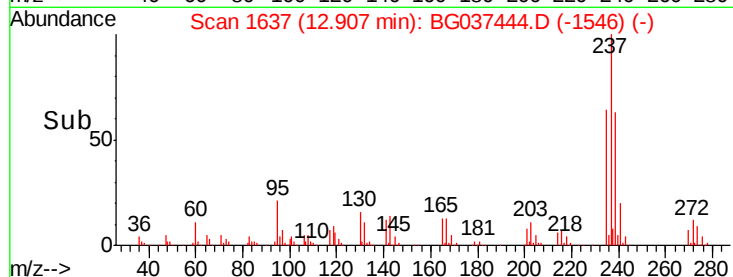
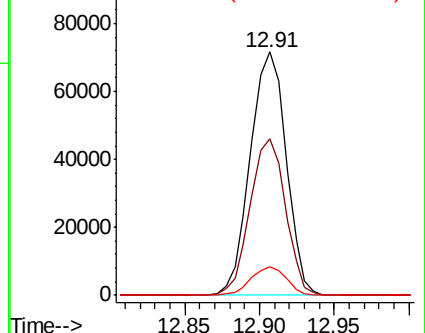
272 11.9 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 82.600 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

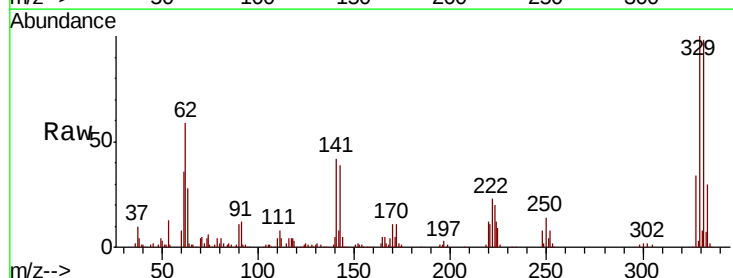
Tgt Ion:330 Resp: 170825

Ion Ratio Lower Upper

330 100

332 96.6 78.4 117.6

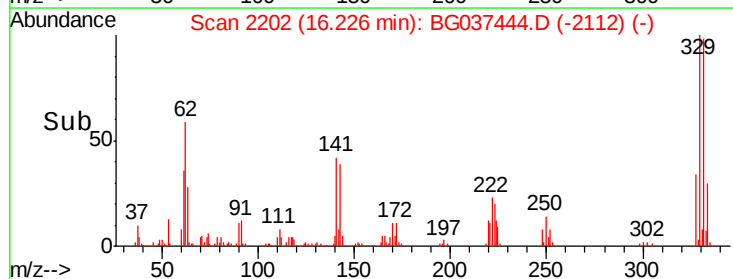
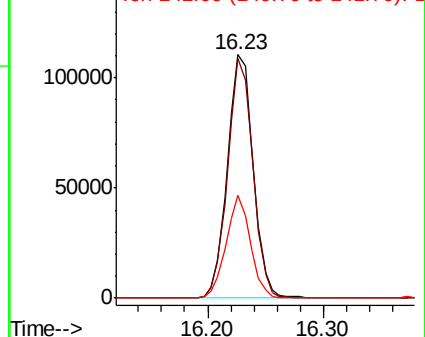
141 39.8 32.2 48.2

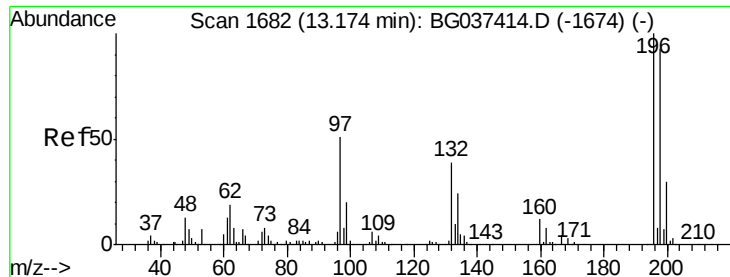


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

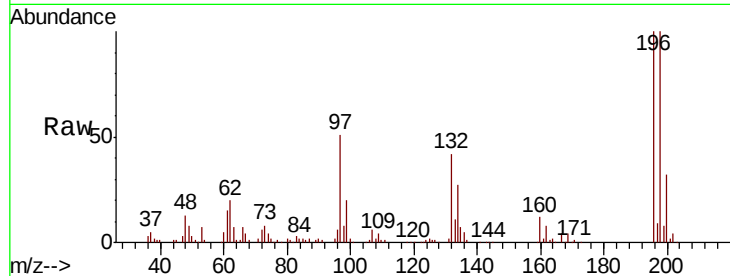




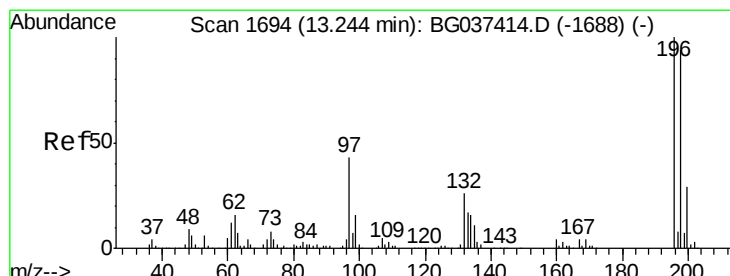
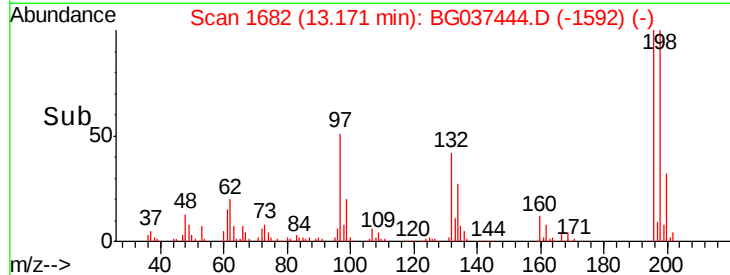
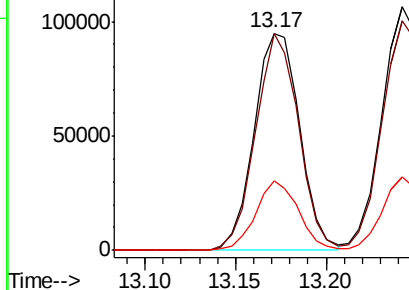
#43
2,4,6-Trichlorophenol
Concen: 40.428 ng
RT: 13.17 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:196 Resp: 165191
Ion Ratio Lower Upper
196 100
198 100.1 76.4 114.6
200 31.9 24.9 37.3

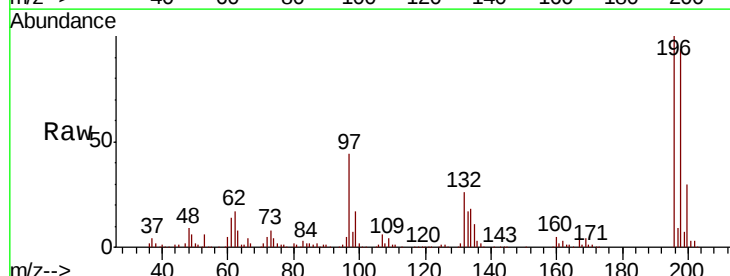


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

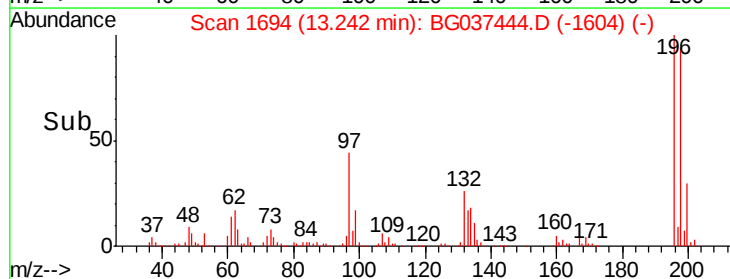
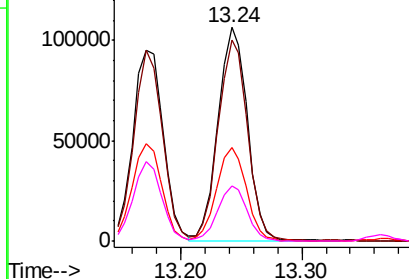


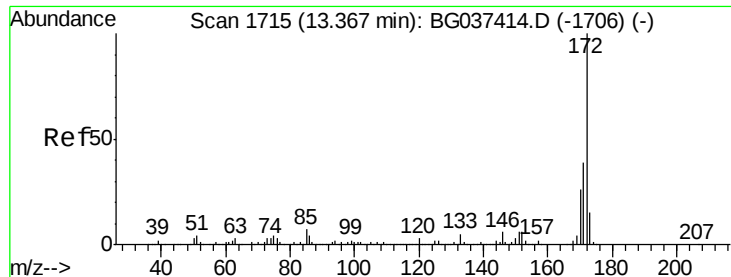
#44
2,4,5-Trichlorophenol
Concen: 40.076 ng
RT: 13.24 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

Tgt Ion:196 Resp: 178290
Ion Ratio Lower Upper
196 100
198 94.0 74.2 111.2
97 43.8 34.1 51.1
132 25.7 20.2 30.4



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

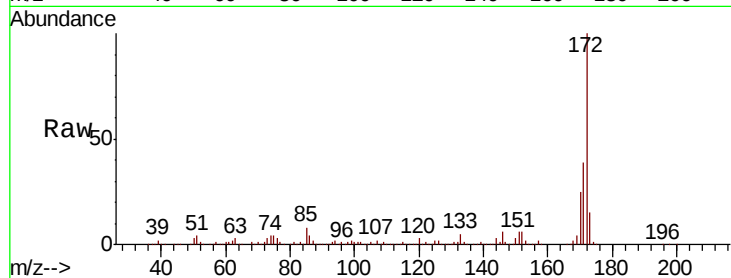




#45
 2-Fluorobiphenyl
 Concen: 77.580 ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG037444.D
 Acq: 19 Oct 2018 7:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.0	46.4
170	25.5	20.2	30.2

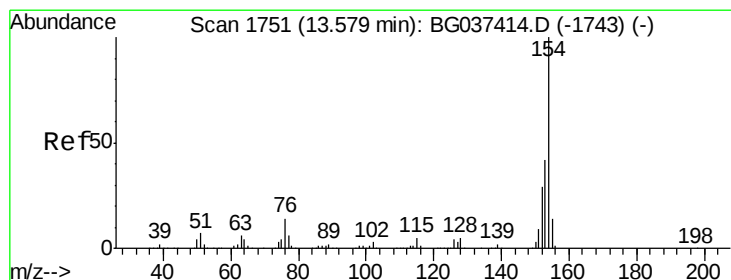
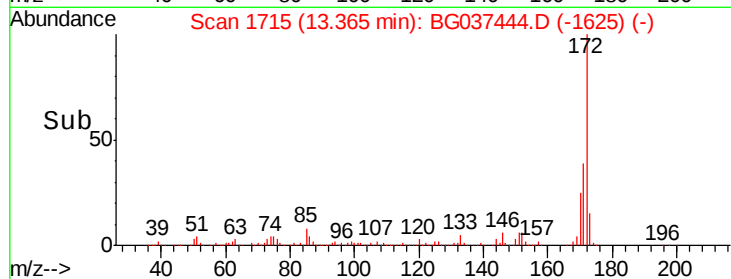
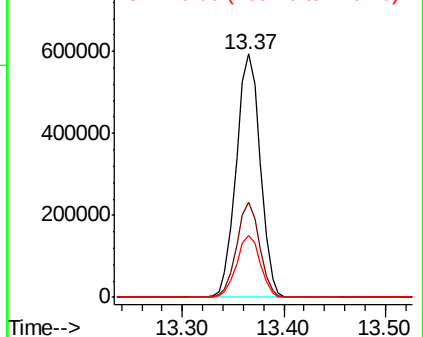


Abundance

Ion 172.00 (171.70 to 172.70): E

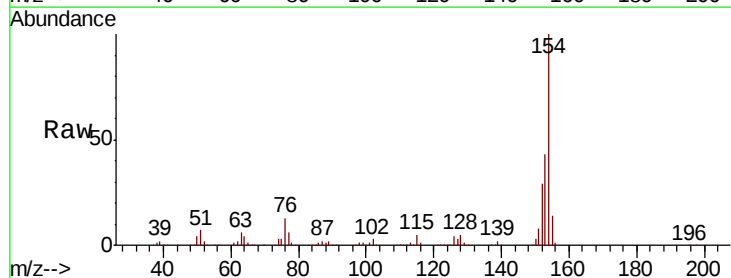
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 38.733 ng
 RT: 13.58 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: BG037444.D
 Acq: 19 Oct 2018 7:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	22.1	62.1
76	13.3	0.0	33.2

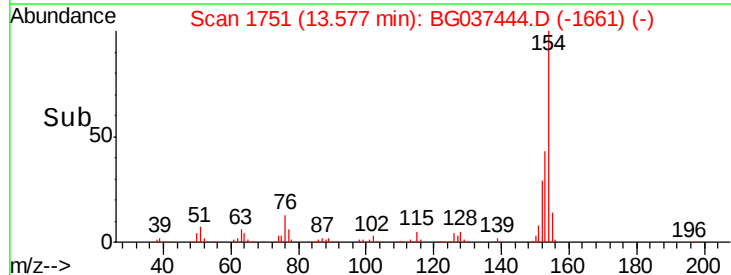
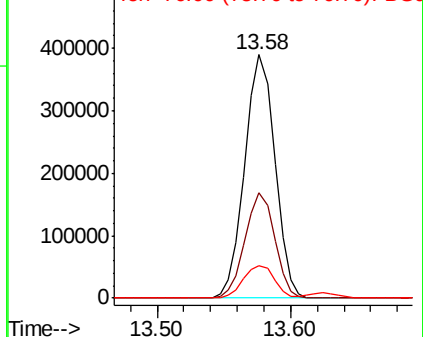


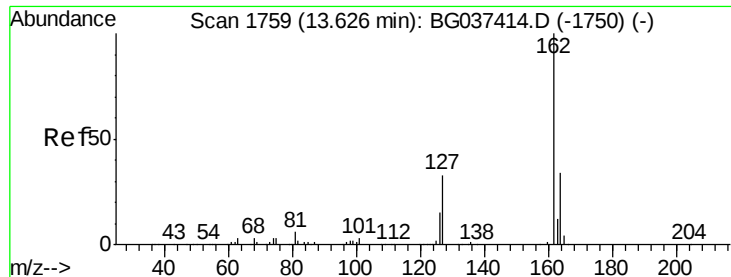
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

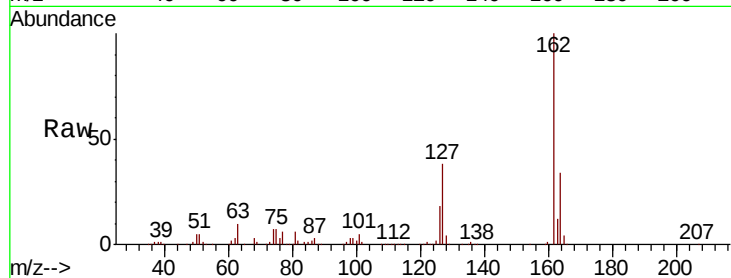




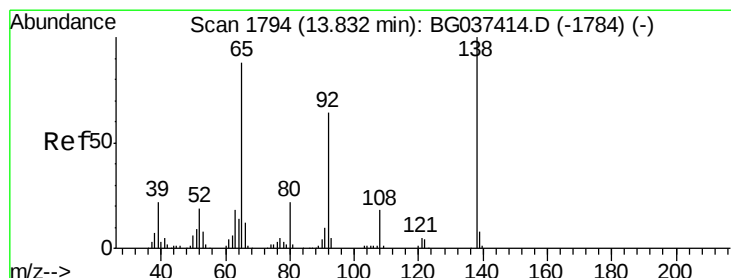
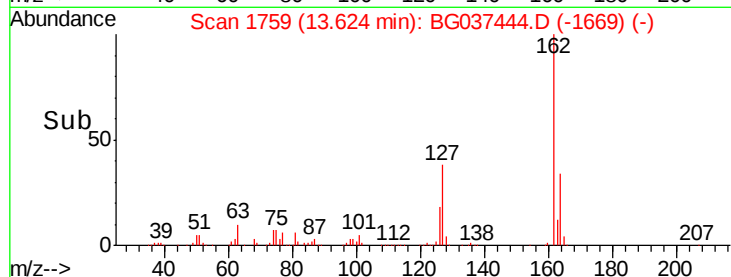
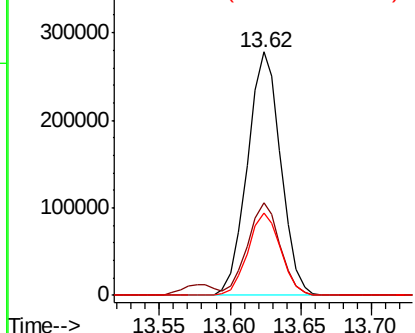
#47
 2-Chloronaphthalene
 Concen: 38.723 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG037444.D
 Acq: 19 Oct 2018 7:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.5	45.7
164	33.7	26.4	39.6

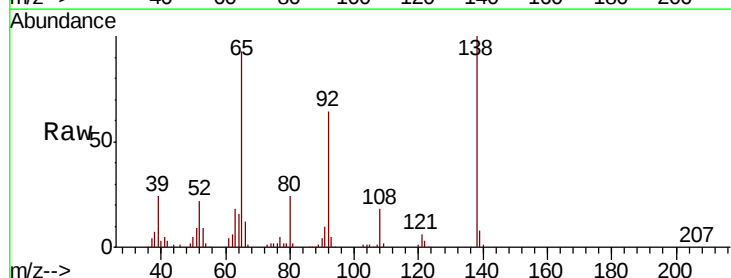


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

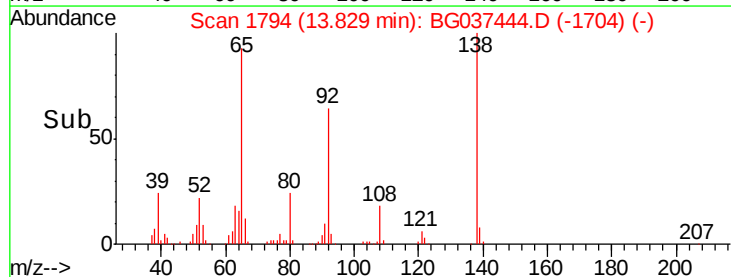
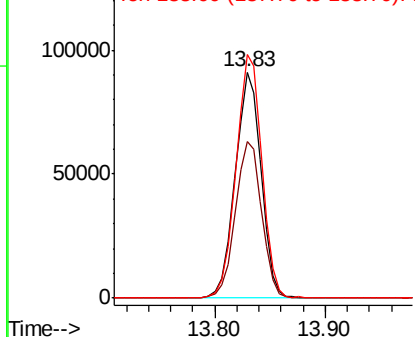


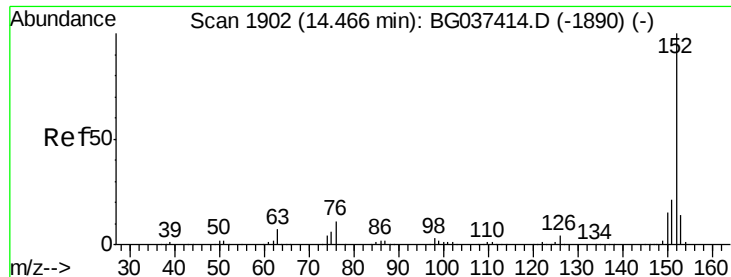
#48
 2-Nitroaniline
 Concen: 41.567 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG037444.D
 Acq: 19 Oct 2018 7:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	53.2	79.8
138	107.7	79.3	118.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.753 ng

RT: 14.47 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

Instrument :

BNA_G

ClientSampleId :

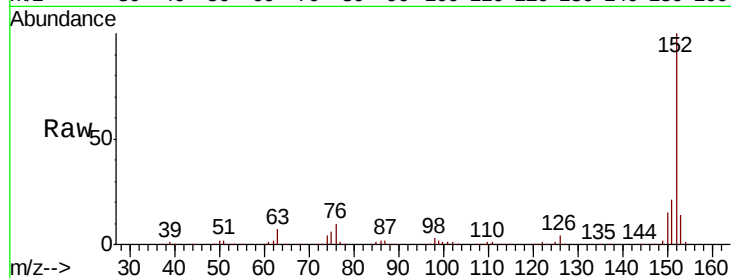
Tot Ion:152 Resp: 710424

Ion Ratio Lower Upper

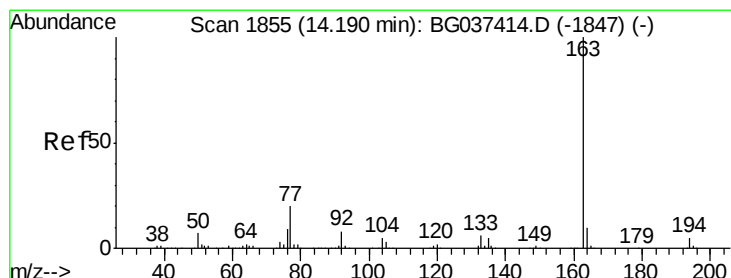
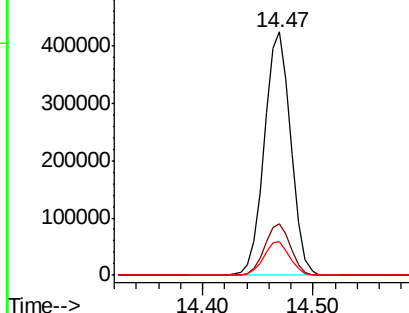
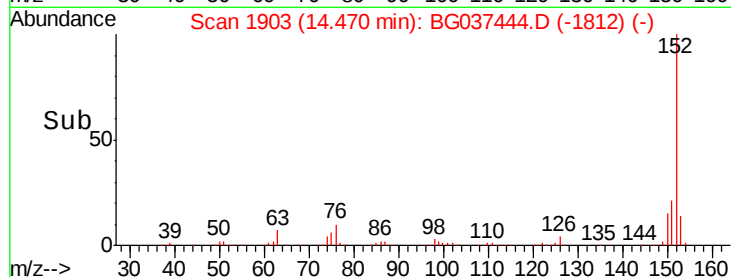
152 100

151 21.3 17.1 25.7

153 13.7 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.765 ng

RT: 14.19 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

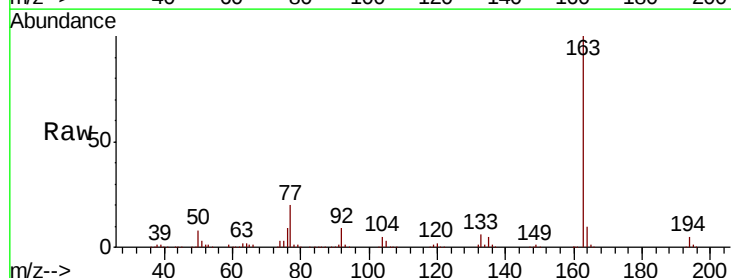
Tgt Ion:163 Resp: 583307

Ion Ratio Lower Upper

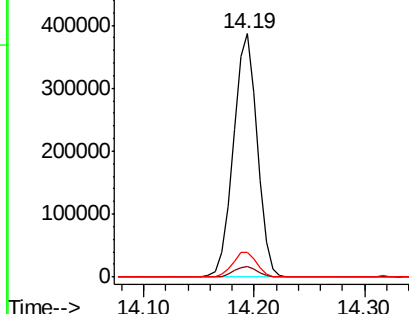
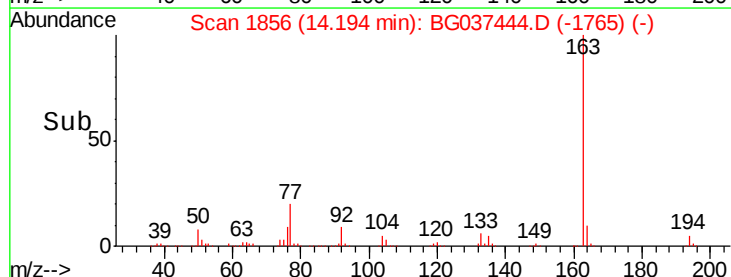
163 100

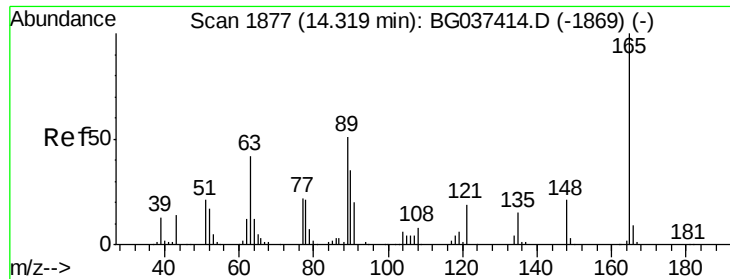
194 4.6 3.5 5.3

164 10.4 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

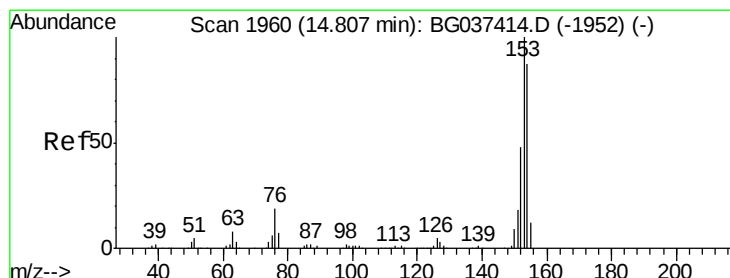
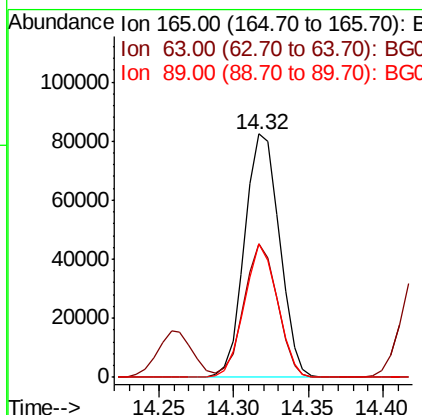
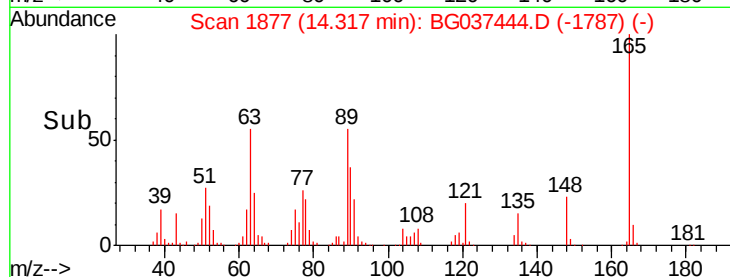
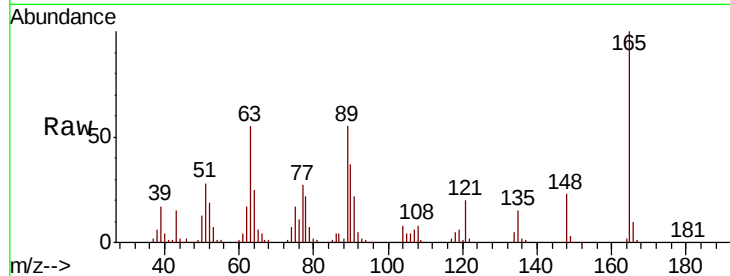




#51
2,6-Dinitrotoluene
Concen: 41.097 ng
RT: 14.32 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

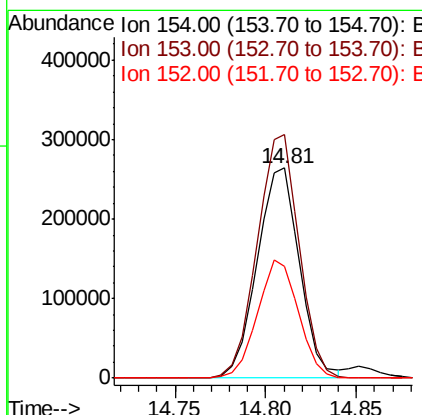
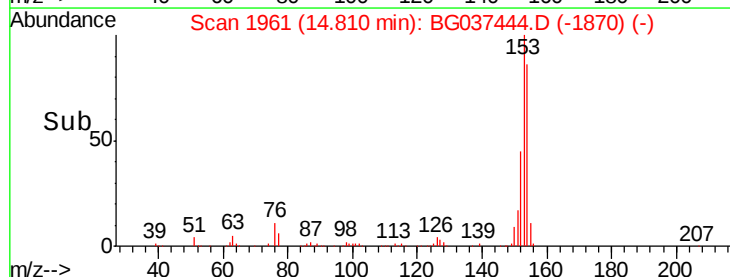
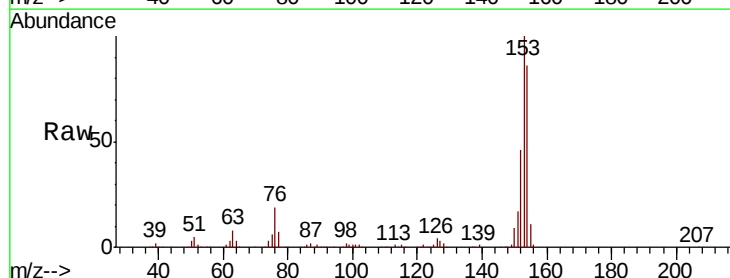
Instrument :
BNA_G
ClientSampleId :

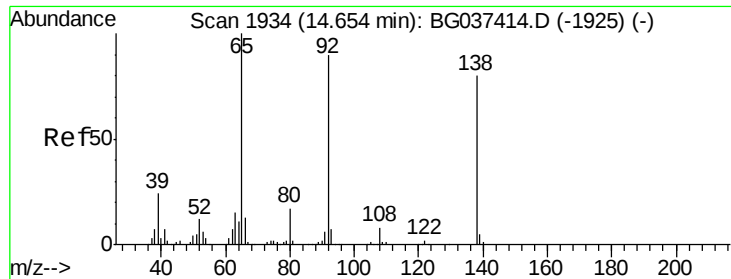
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.9	43.4	65.2
89	54.7	45.8	68.6



#52
Acenaphthene
Concen: 39.280 ng
RT: 14.81 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.0	93.4	140.0
152	53.3	44.7	67.1

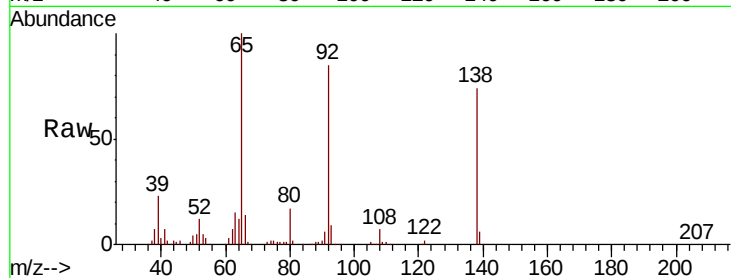




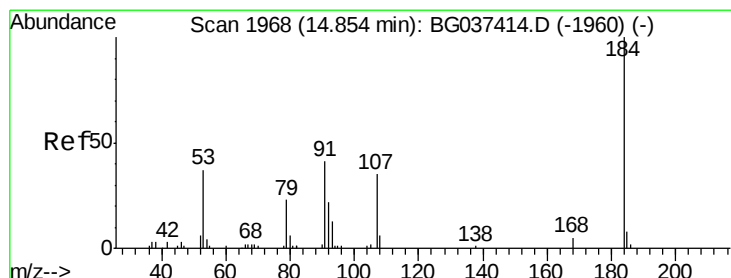
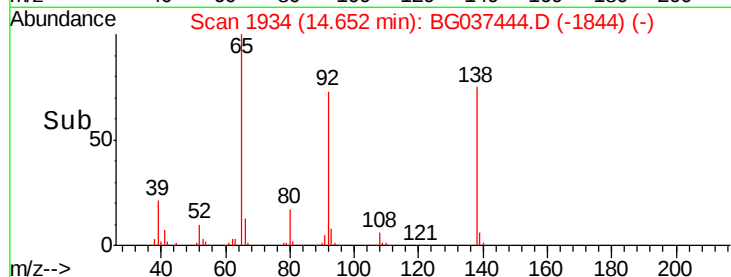
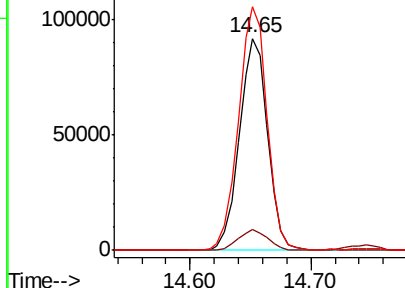
#53
3-Nitroaniline
Concen: 41.553 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 149691
Ion Ratio Lower Upper
138 100
108 9.7 11.0 16.6#
92 114.8 95.2 142.8

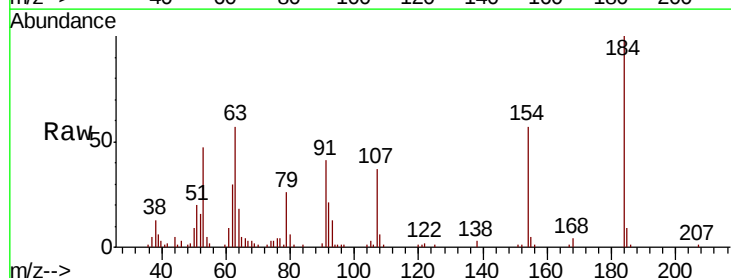


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

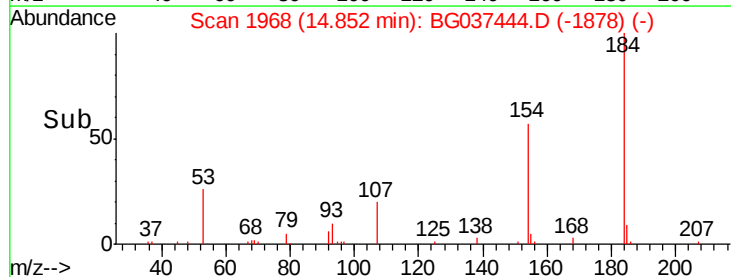
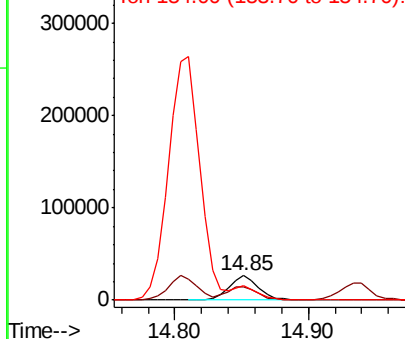


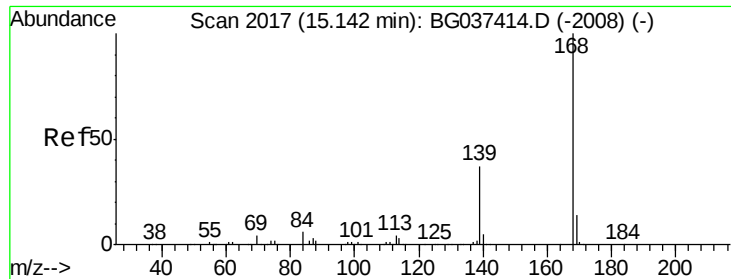
#54
2,4-Dinitrophenol
Concen: 41.978 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

Tgt Ion:184 Resp: 40575
Ion Ratio Lower Upper
184 100
63 56.8 42.6 63.8
154 57.4 41.8 62.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

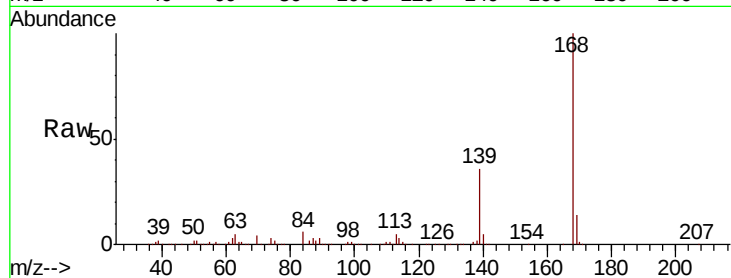




#55
Dibenzenofuran
Concen: 38.524 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.2	29.4	44.0
169	14.2	11.0	16.6

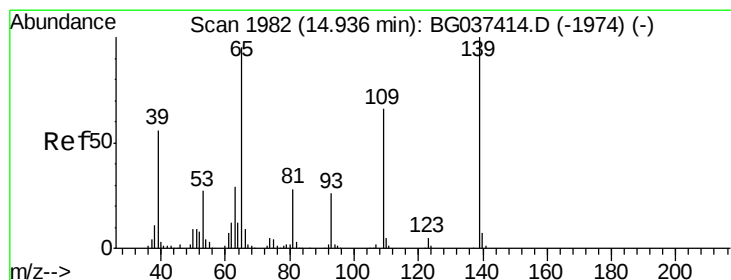
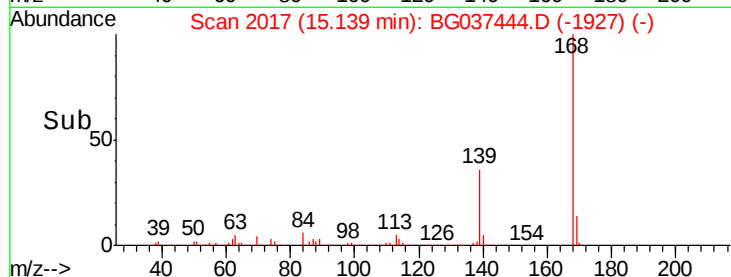
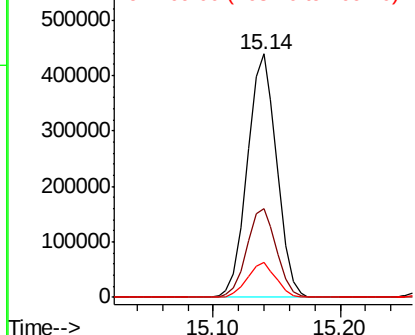


Abundance

Ion 168.00 (167.70 to 168.70): E

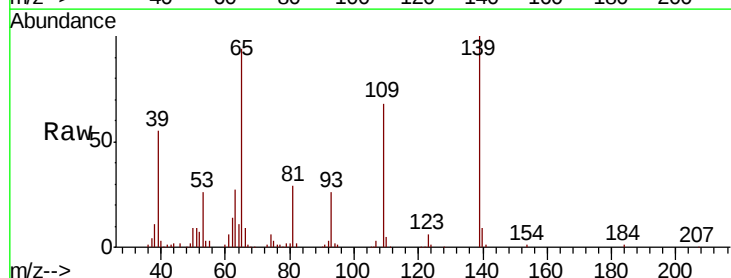
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 41.428 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.4	49.5	89.5
65	93.8	76.8	116.8

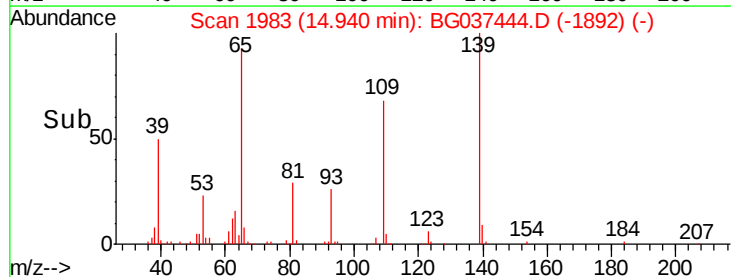
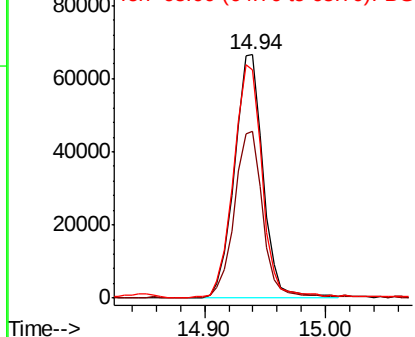


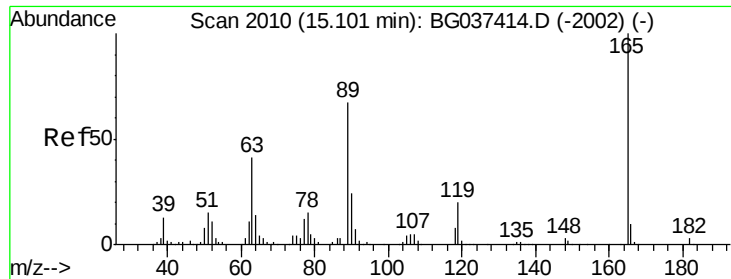
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

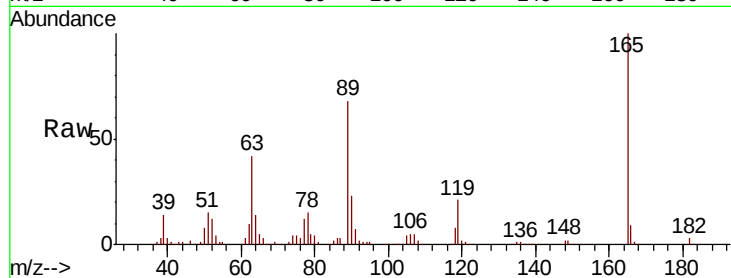




#57
2,4-Dinitrotoluene
Concen: 43.369 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.0	33.4	50.0
89	68.1	57.2	85.8
182	3.3	2.6	4.0



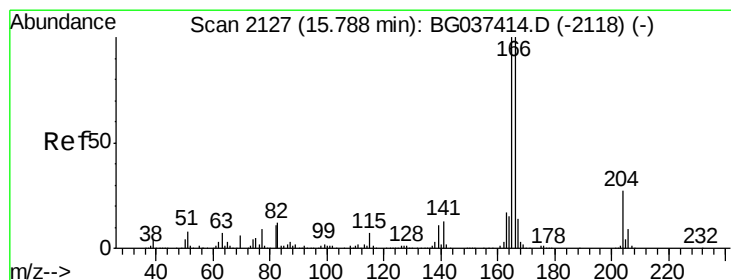
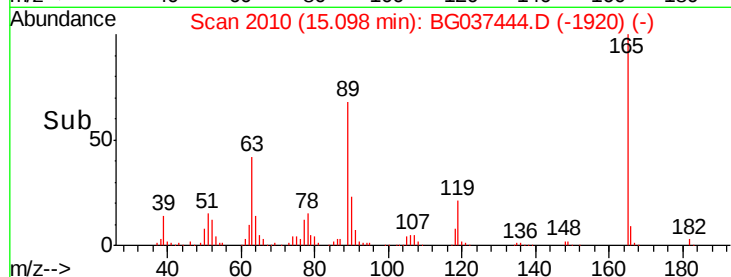
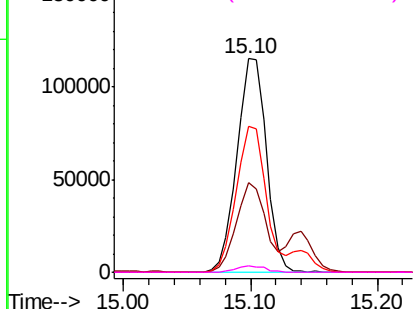
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

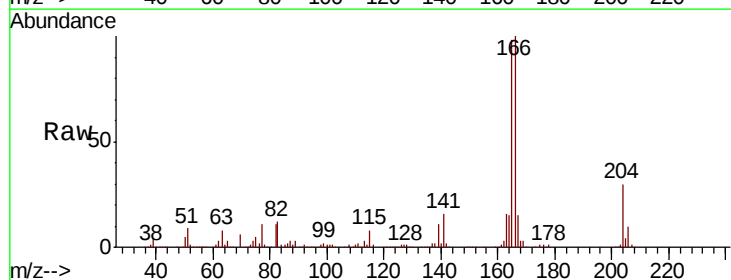
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.156 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.0	118.6
167	14.8	11.3	16.9

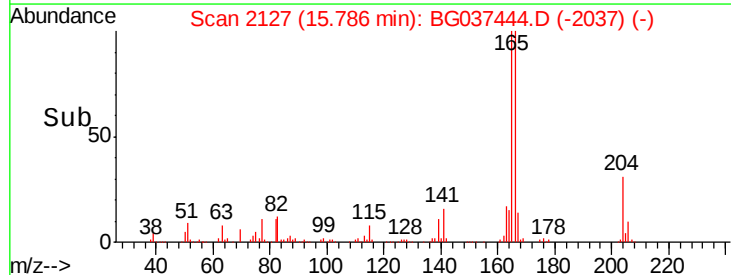
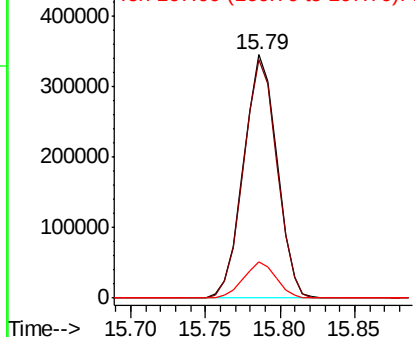


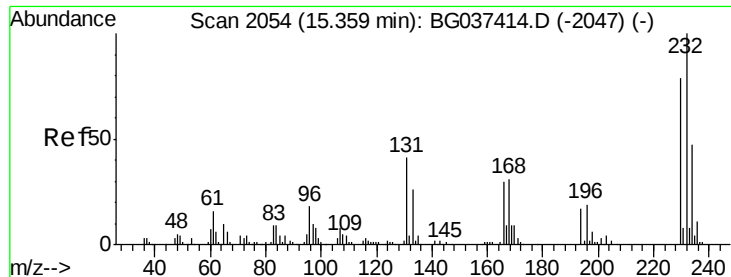
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.905 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

Instrument :

BNA_G

ClientSampled :

Tot Ion:232 Resp: 155809

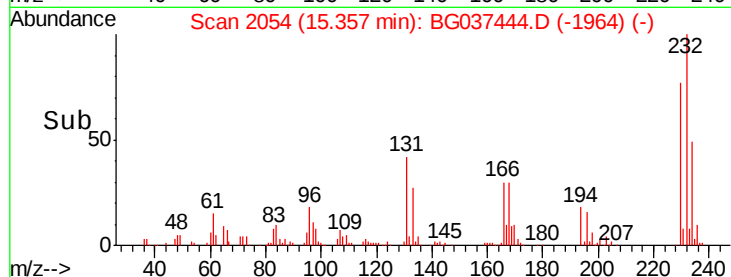
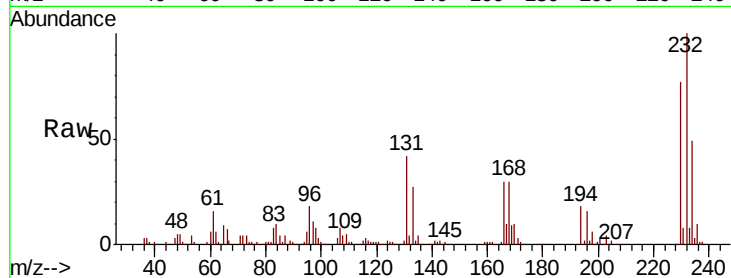
Ion Ratio Lower Upper

232 100

131 43.6 33.7 50.5

130 2.5 2.1 3.1

166 31.0 24.6 36.8

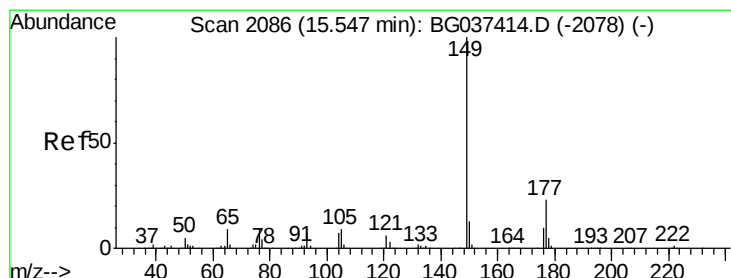
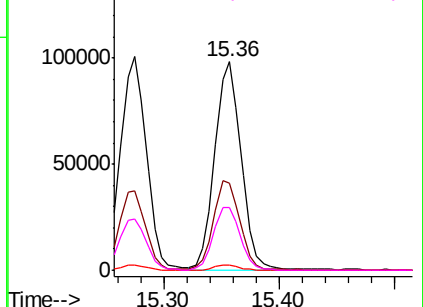


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.249 ng

RT: 15.54 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

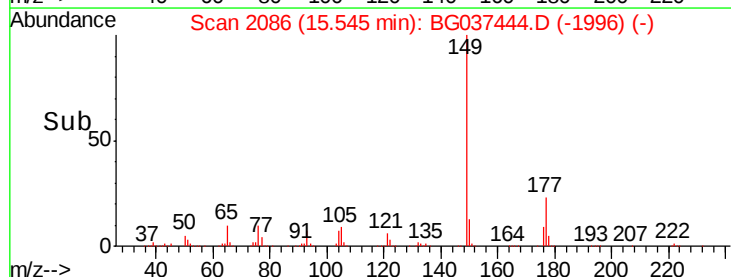
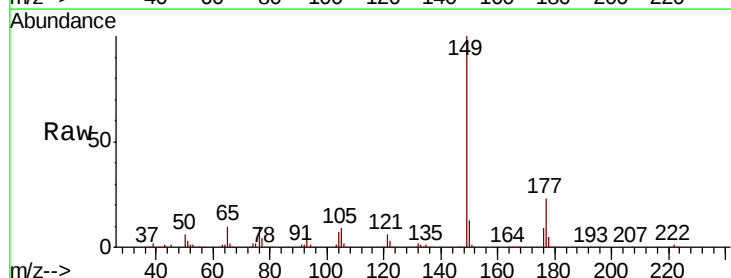
Tgt Ion:149 Resp: 606137

Ion Ratio Lower Upper

149 100

177 23.5 18.3 27.5

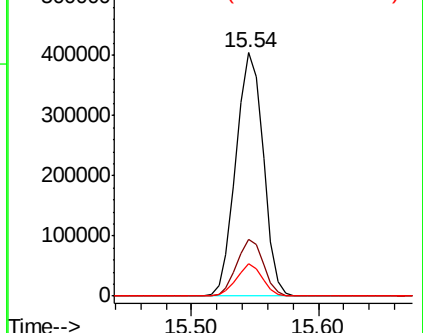
150 13.1 10.0 15.0

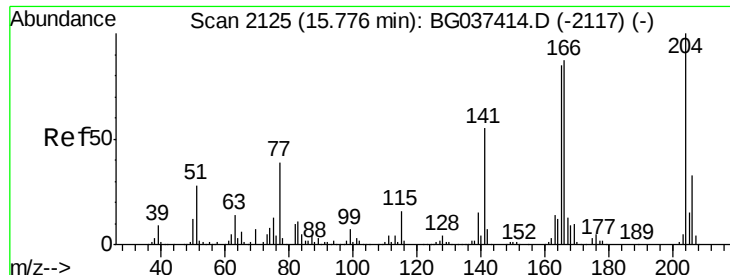


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

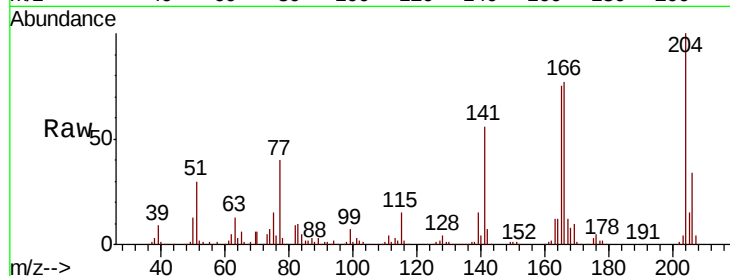




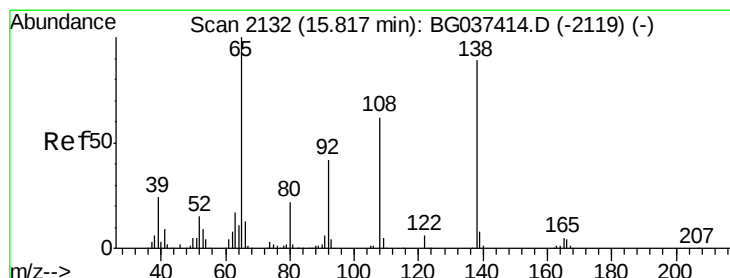
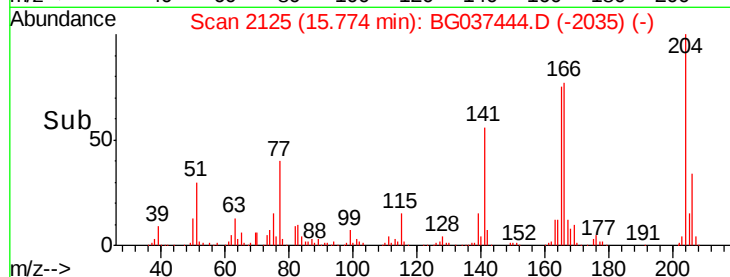
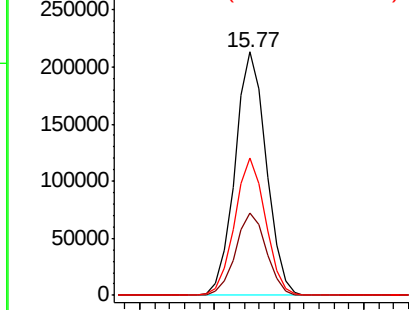
#61
4-Chlorophenyl-phenylether
Concen: 38.951 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 310023
Ion Ratio Lower Upper
204 100
206 33.8 26.6 39.8
141 56.2 45.4 68.2

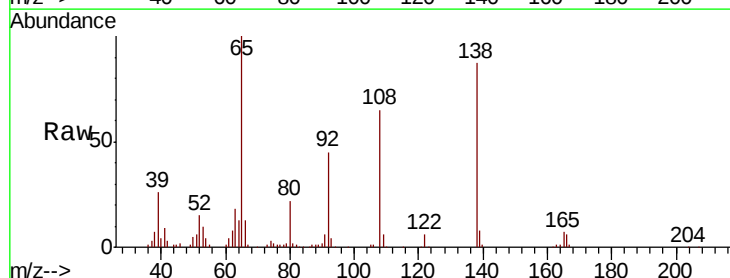


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

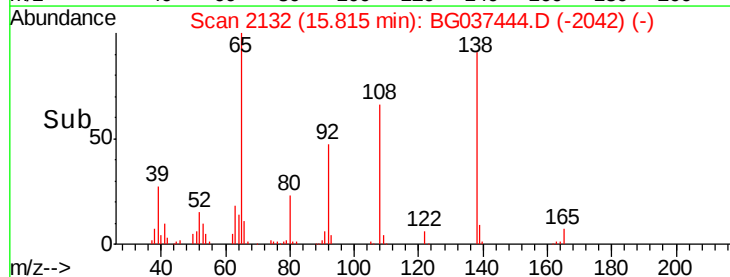
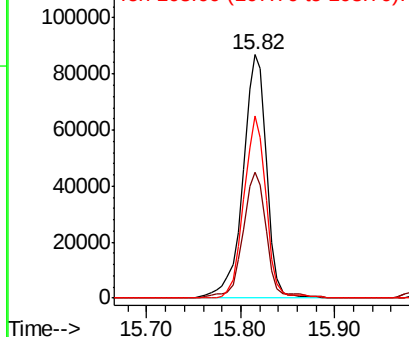


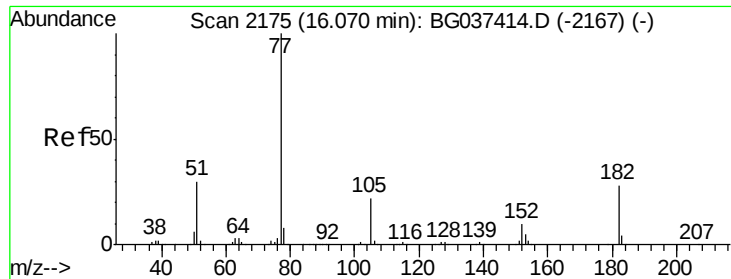
#62
4-Nitroaniline
Concen: 41.943 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

Tgt Ion:138 Resp: 150142
Ion Ratio Lower Upper
138 100
92 51.9 36.4 76.4
108 74.7 60.1 100.1



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

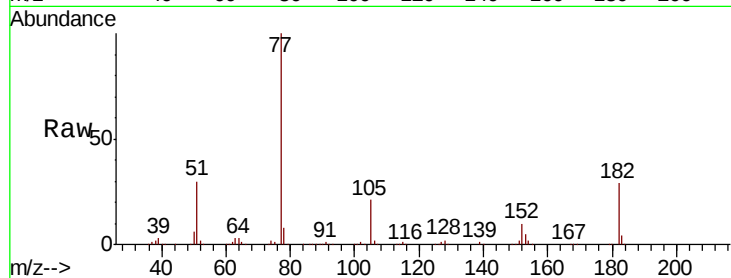




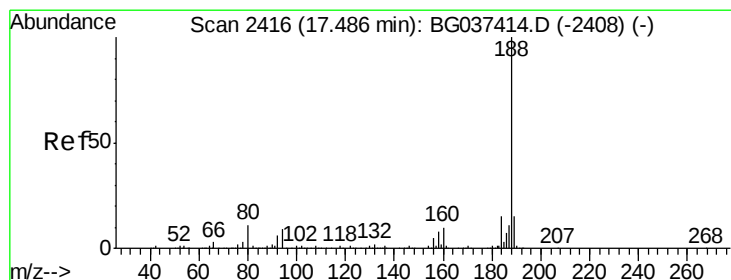
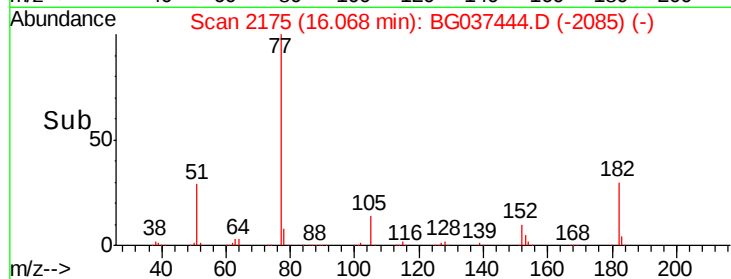
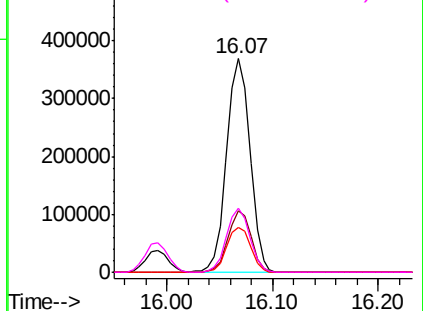
#63
Azobenzene
Concen: 39.356 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	565503
Ion	Ratio	Lower	Upper
77	100		
182	28.9	8.0	48.0
105	21.2	1.3	41.3
51	30.0	10.7	50.7

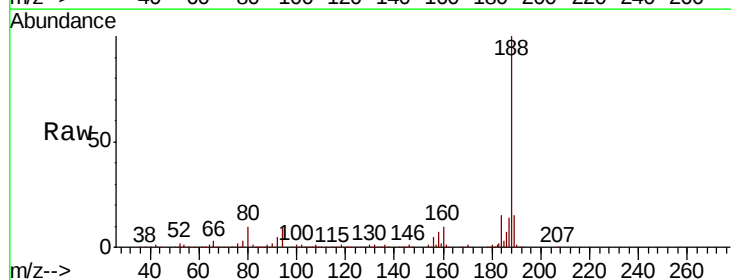


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

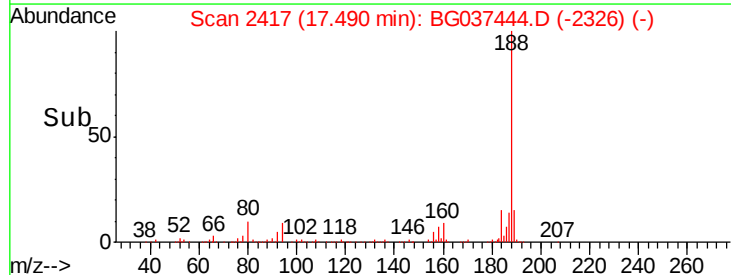
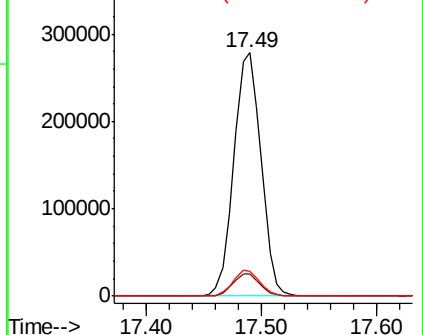


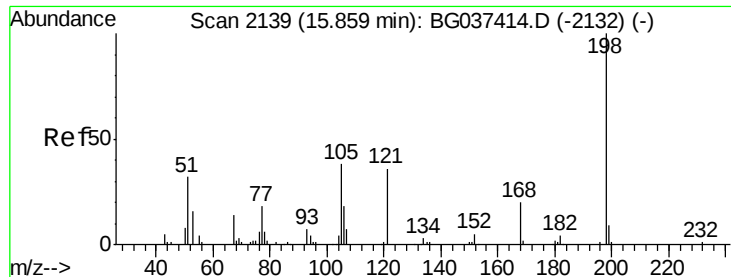
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

Tgt Ion:	188	Resp:	453051
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.2	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 39.656 ng

RT: 15.86 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

Instrument :

BNA_G

ClientSampled :

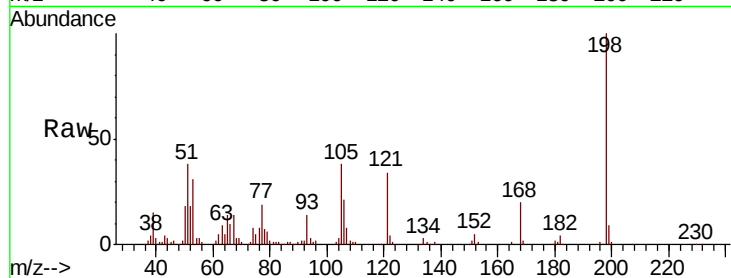
Tot Ion:198 Resp: 90006

Ion Ratio Lower Upper

198 100

51 37.7 22.7 62.7

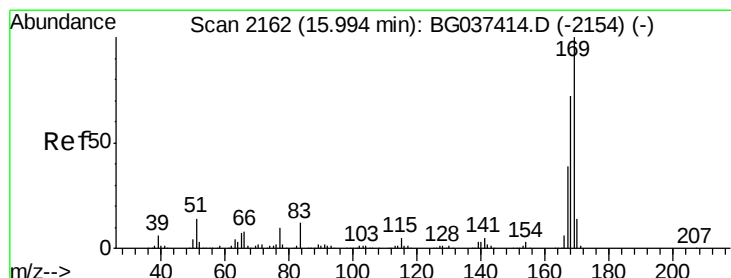
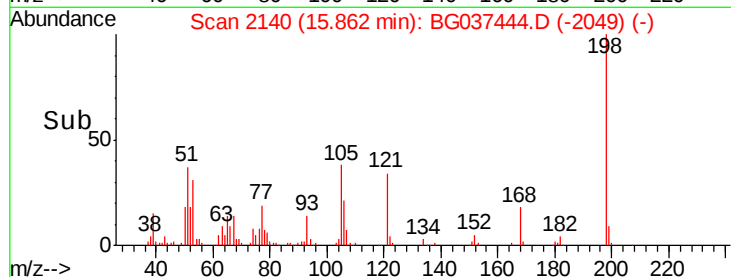
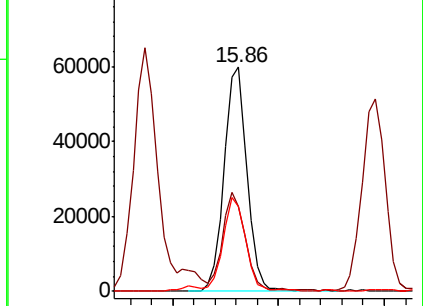
105 37.8 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.706 ng

RT: 15.99 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

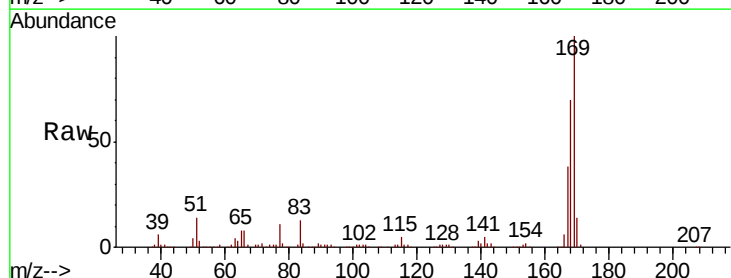
Tgt Ion:169 Resp: 527476

Ion Ratio Lower Upper

169 100

168 69.7 55.7 83.5

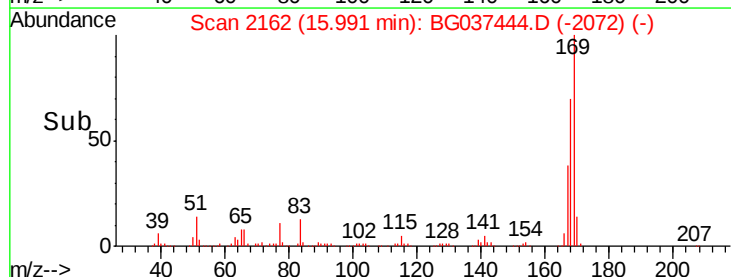
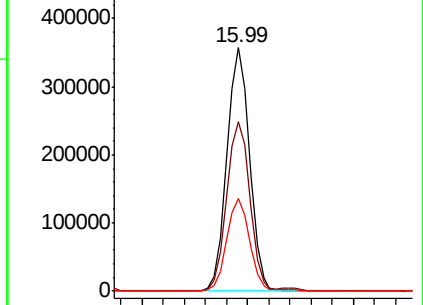
167 38.3 31.3 46.9

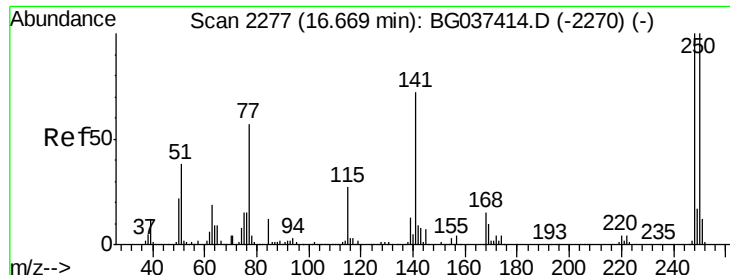


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

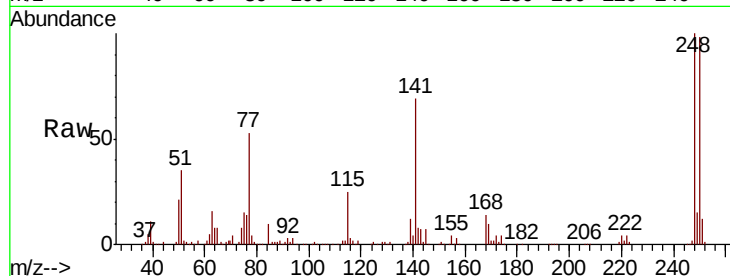




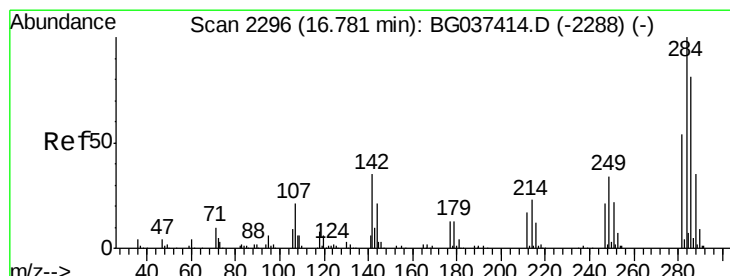
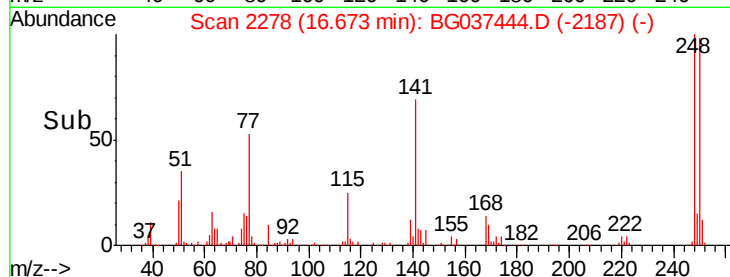
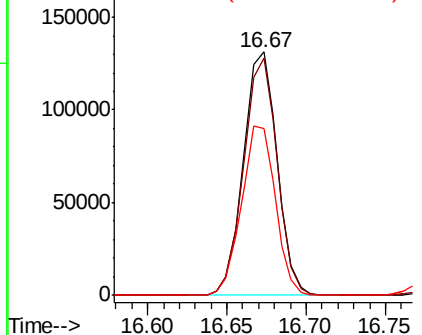
#67
 4-Bromophenyl-phenylether
 Concen: 39.019 ng
 RT: 16.67 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BG037444.D
 Acq: 19 Oct 2018 7:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 194129
 Ion Ratio Lower Upper
 248 100
 250 97.7 77.0 115.6
 141 68.5 55.5 83.3

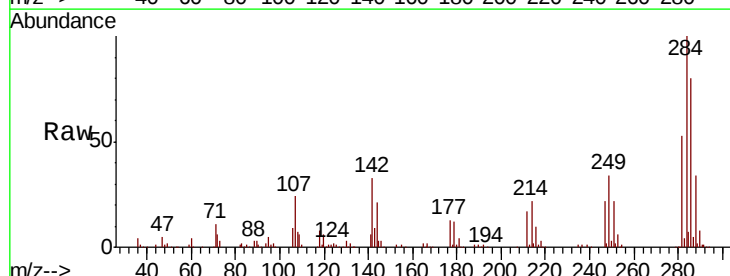


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

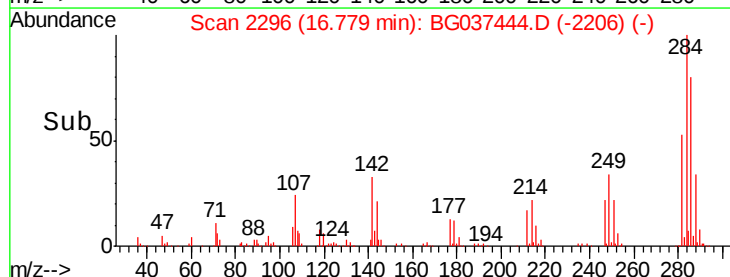
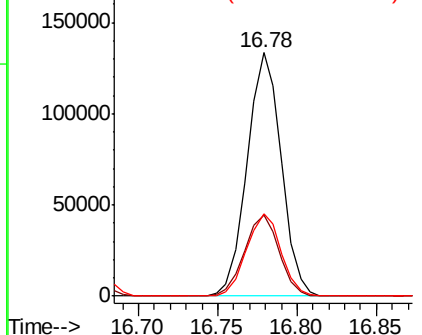


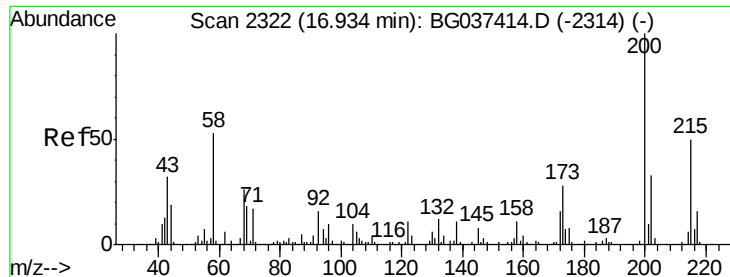
#68
 Hexachlorobenzene
 Concen: 38.667 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG037444.D
 Acq: 19 Oct 2018 7:45

Tgt Ion:284 Resp: 199385
 Ion Ratio Lower Upper
 284 100
 142 33.1 28.1 42.1
 249 36.6 29.8 44.8



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 40.181 ng

RT: 16.93 min Scan# 2322

Delta R.T. -0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

Instrument :

BNA_G

ClientSampleId :

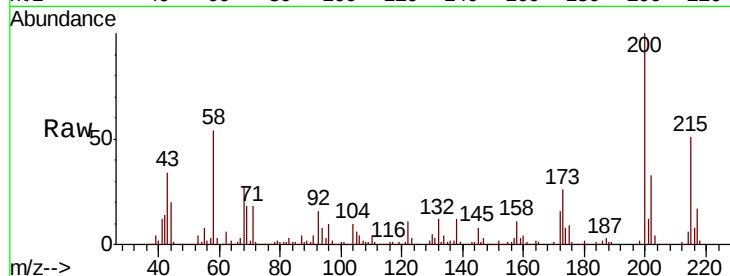
Tot Ion:200 Resp: 197981

Ion Ratio Lower Upper

200 100

173 25.6 6.1 46.1

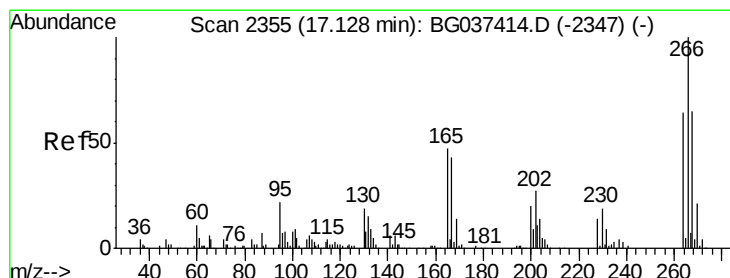
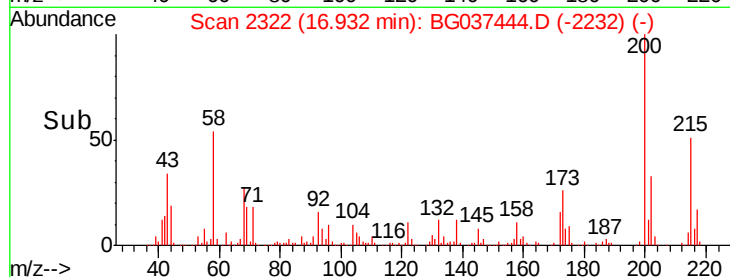
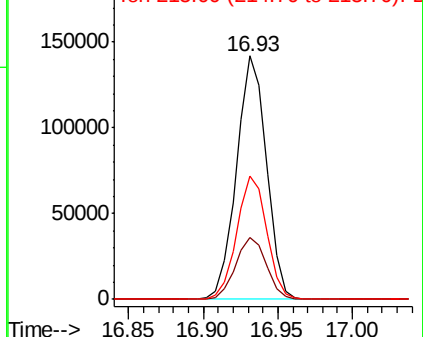
215 50.7 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 40.963 ng

RT: 17.13 min Scan# 2355

Delta R.T. -0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

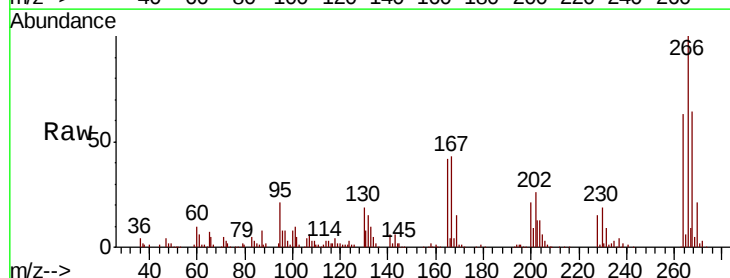
Tgt Ion:266 Resp: 141483

Ion Ratio Lower Upper

266 100

268 68.2 55.0 82.6

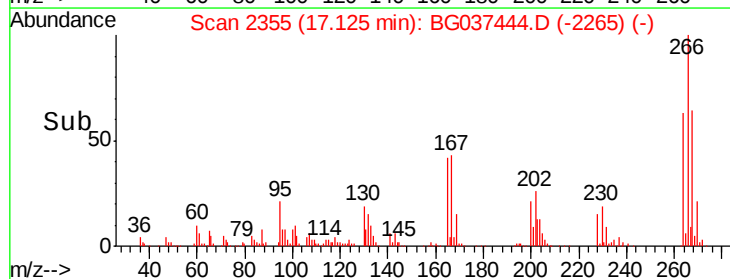
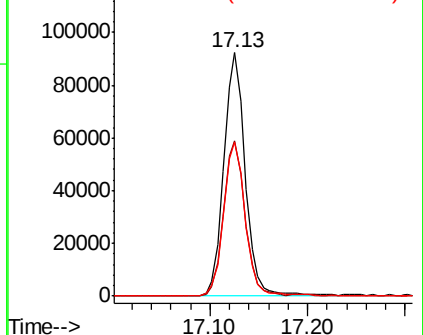
264 69.1 58.9 88.3

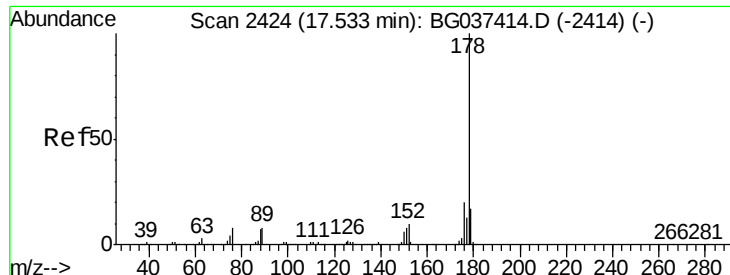


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

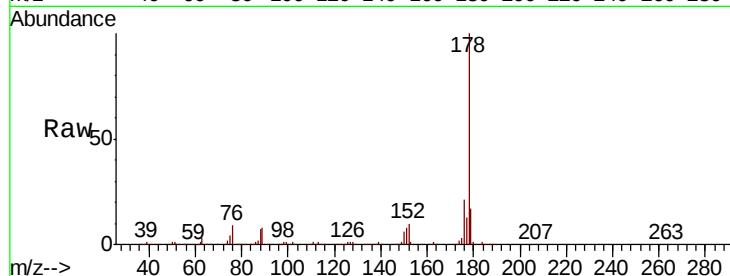




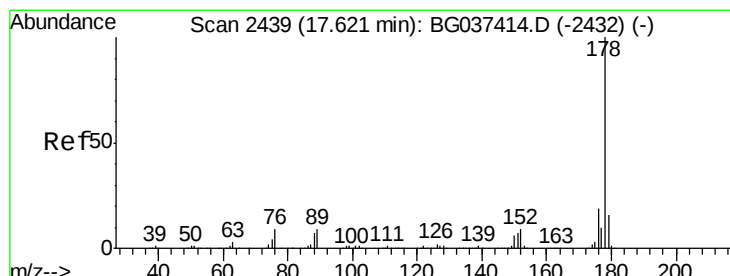
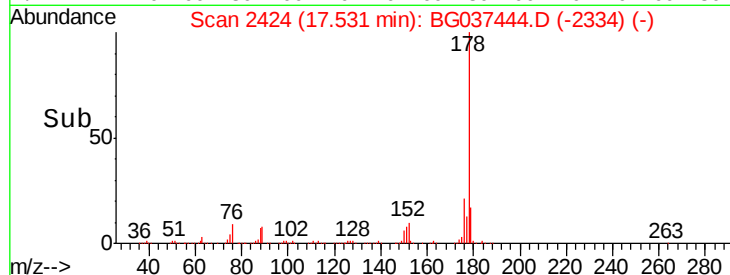
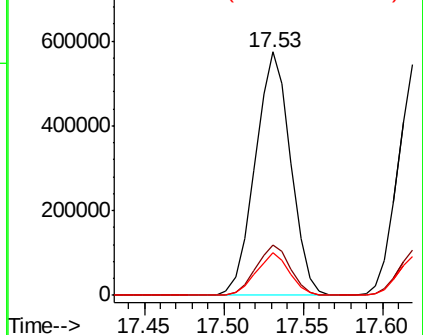
#71
Phenanthrene
Concen: 38.701 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 891105
Ion Ratio Lower Upper
178 100
176 20.8 16.1 24.1
179 17.3 13.0 19.4

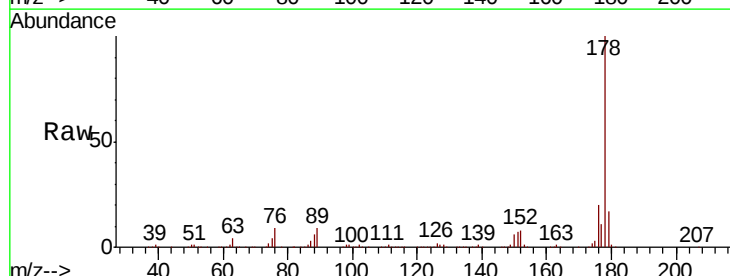


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

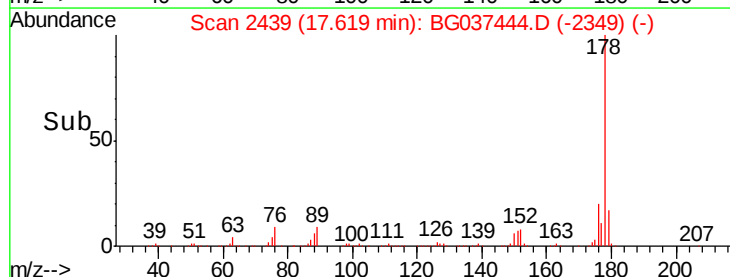
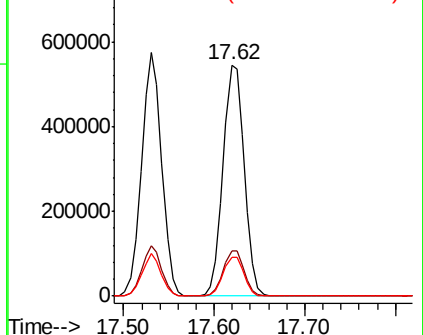


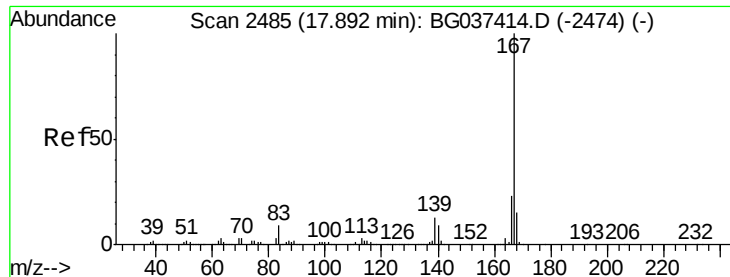
#72
Anthracene
Concen: 39.180 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

Tgt Ion:178 Resp: 885324
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.4
179 16.7 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

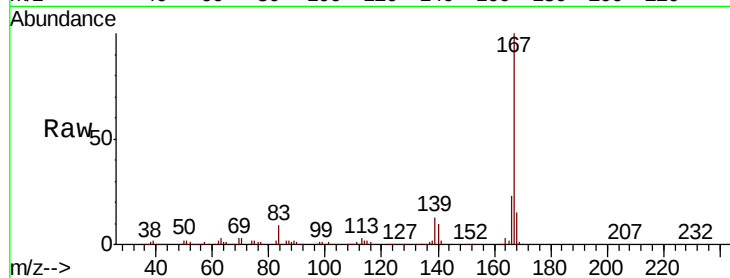




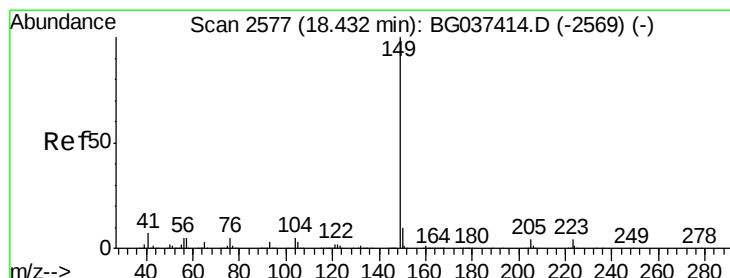
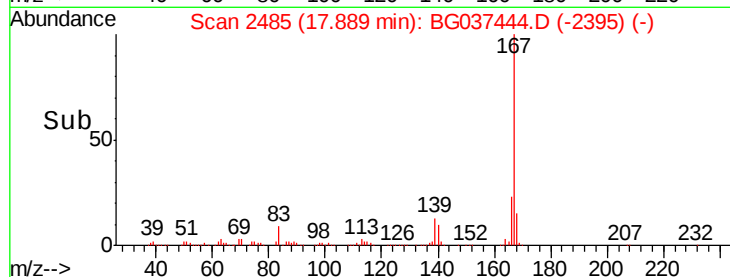
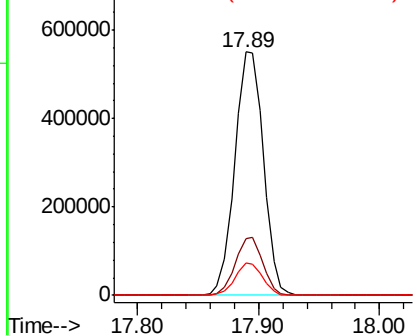
#73
 Carbazole
 Concen: 40.351 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037444.D
 Acq: 19 Oct 2018 7:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 912063
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.3 27.5
 139 13.1 10.5 15.7

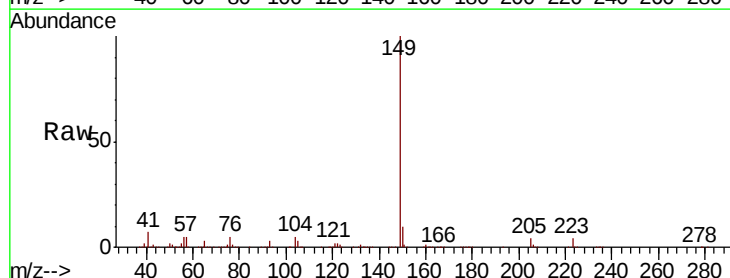


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

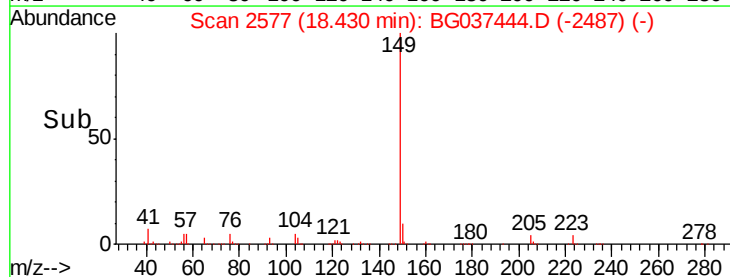
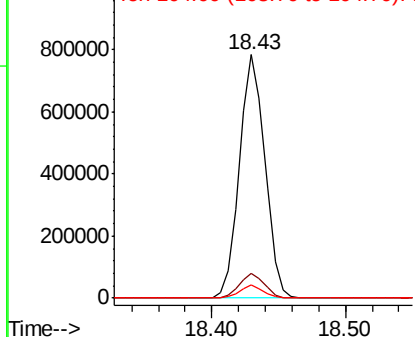


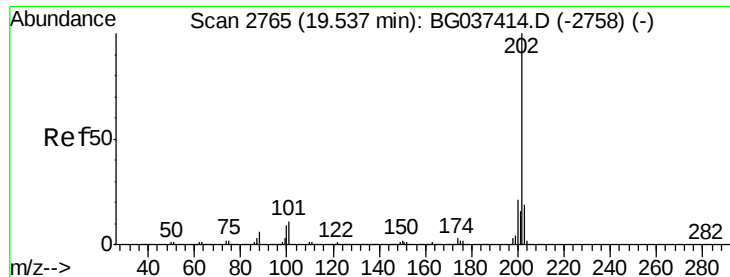
#74
 Di-n-butylphthalate
 Concen: 41.074 ng
 RT: 18.43 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG037444.D
 Acq: 19 Oct 2018 7:45

Tgt Ion:149 Resp: 1032755
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.2 12.2
 104 5.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.997 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

Instrument :

BNA_G

ClientSampled :

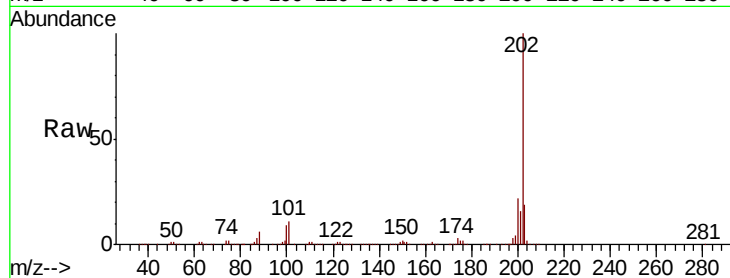
Tot Ion:202 Resp: 1044525

Ion Ratio Lower Upper

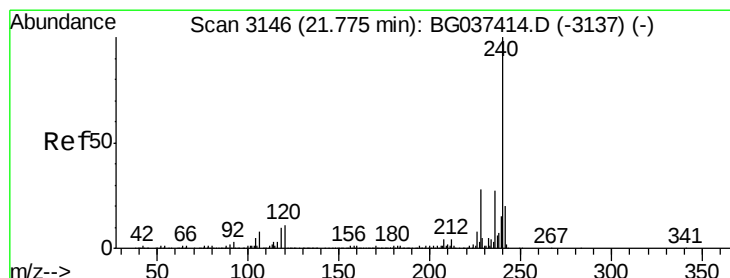
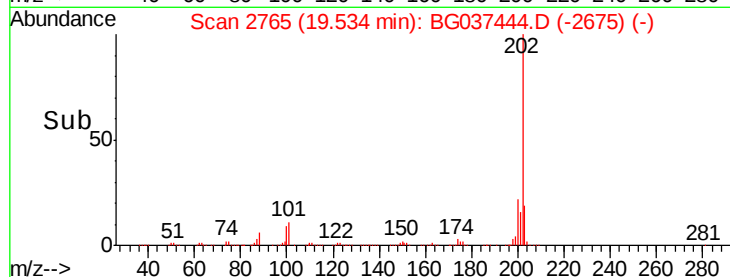
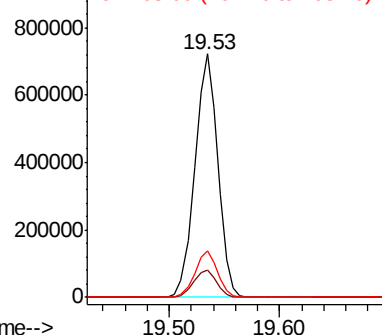
202 100

101 11.1 0.0 30.7

203 18.9 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

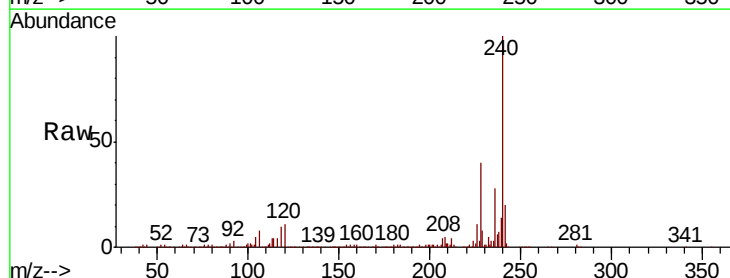
Tgt Ion:240 Resp: 414469

Ion Ratio Lower Upper

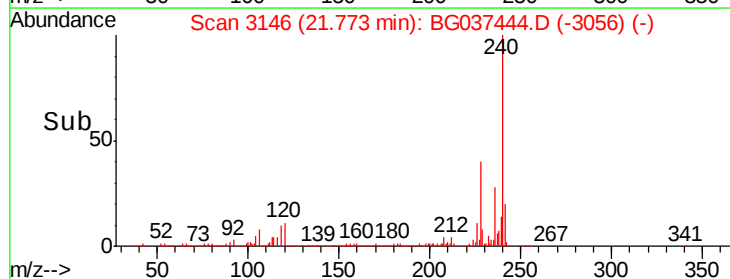
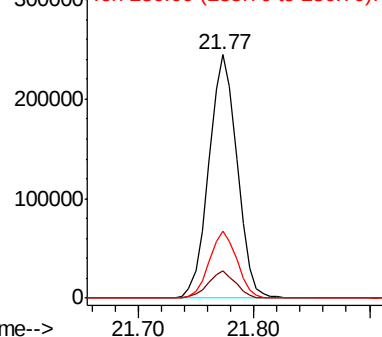
240 100

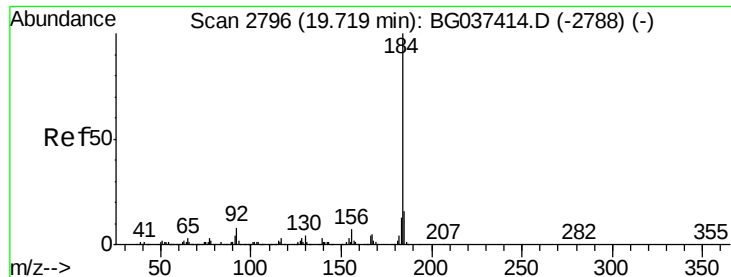
120 11.2 8.1 12.1

236 27.6 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.537 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

Instrument :

BNA_G

ClientSampleId :

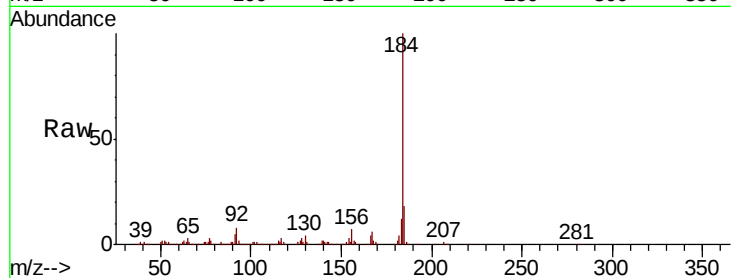
Tot Ion:184 Resp: 500824

Ion Ratio Lower Upper

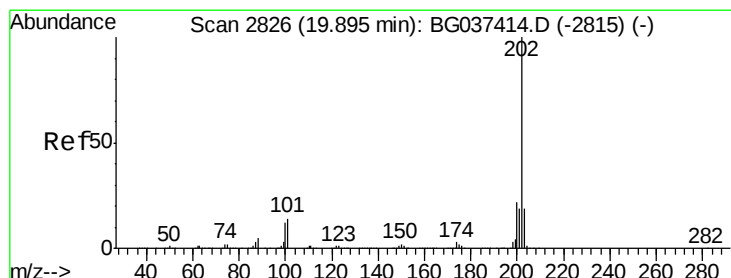
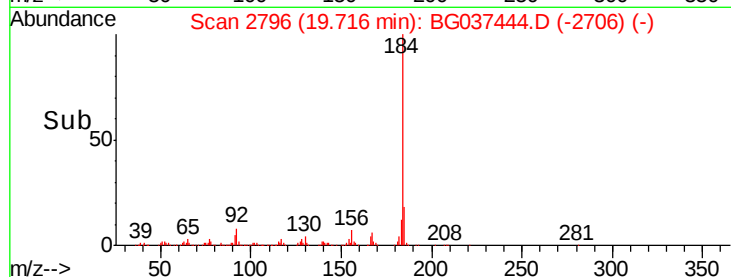
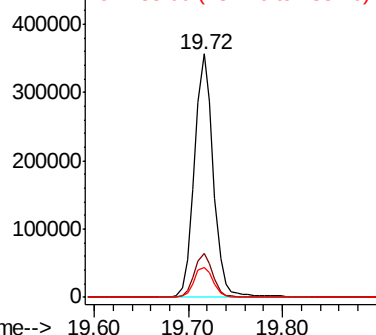
184 100

185 17.8 12.6 18.8

183 12.3 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.997 ng

RT: 19.90 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

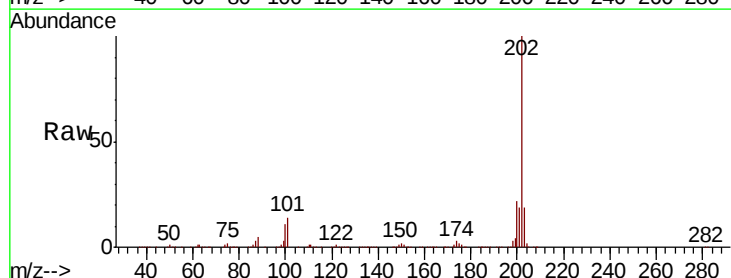
Tgt Ion:202 Resp: 1056610

Ion Ratio Lower Upper

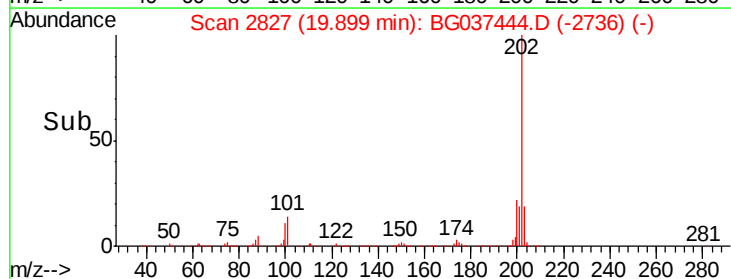
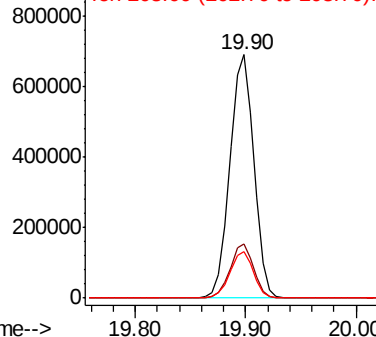
202 100

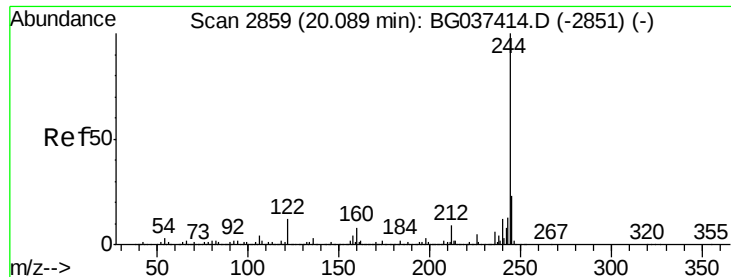
200 22.3 17.8 26.6

203 18.9 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.891 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

Instrument :

BNA_G

ClientSampled :

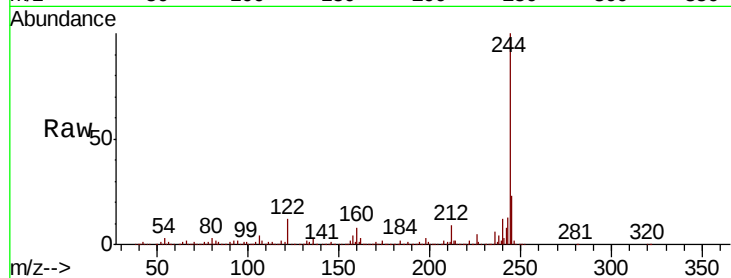
Tot Ion:244 Resp: 1491460

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

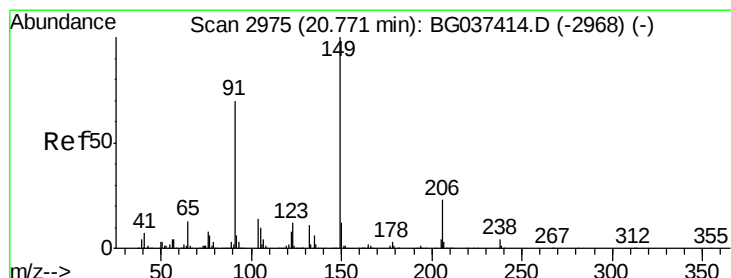
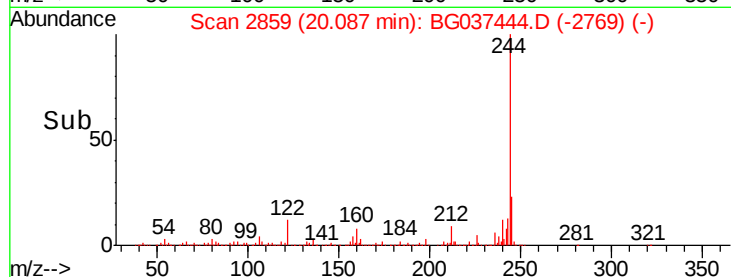
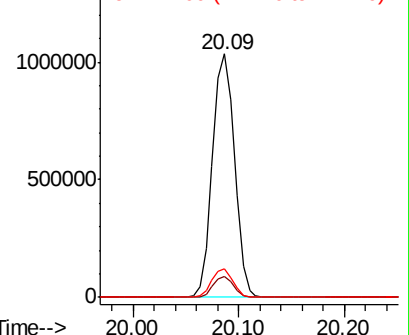
122 11.6 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.608 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

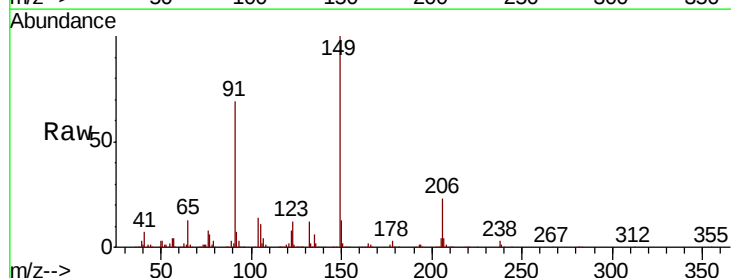
Tgt Ion:149 Resp: 461381

Ion Ratio Lower Upper

149 100

91 69.5 57.0 85.4

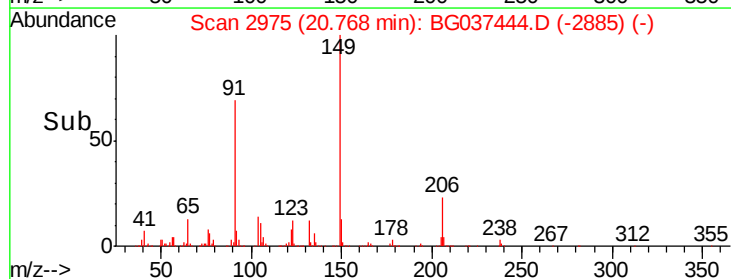
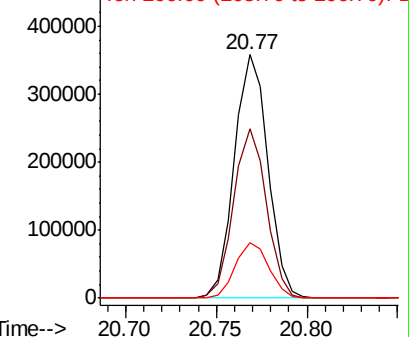
206 23.0 17.8 26.6

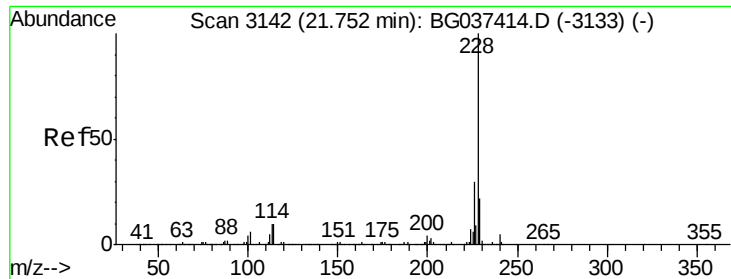


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.093 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

Instrument :

BNA_G

ClientSampleId :

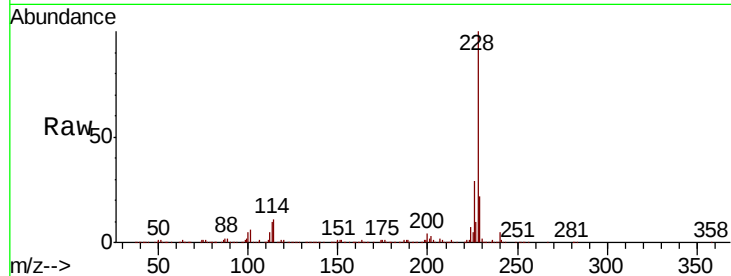
Tot Ion:228 Resp: 958382

Ion Ratio Lower Upper

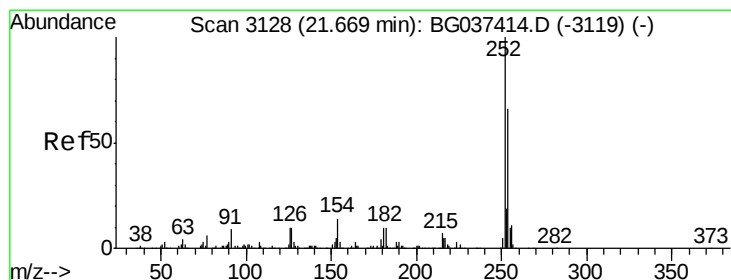
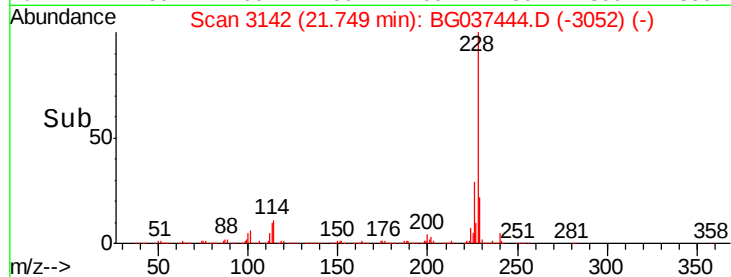
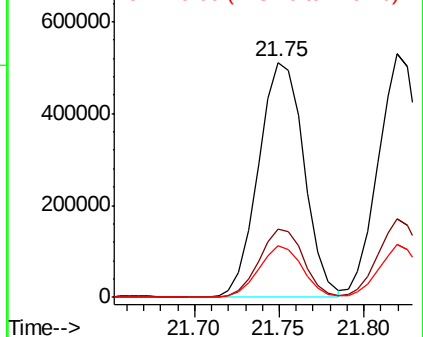
228 100

226 29.2 22.6 33.8

229 21.9 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.624 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

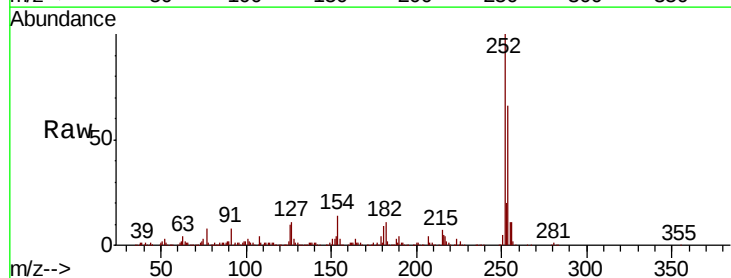
Tgt Ion:252 Resp: 376523

Ion Ratio Lower Upper

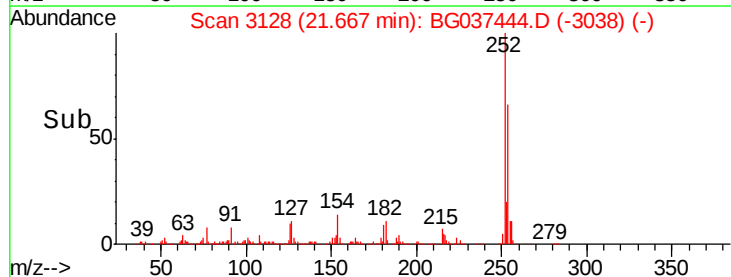
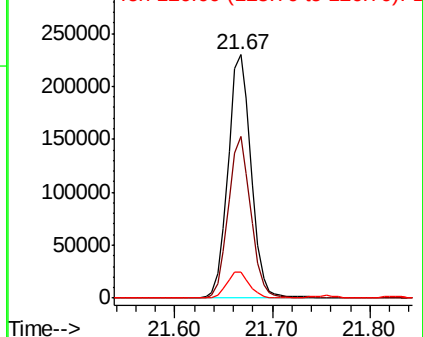
252 100

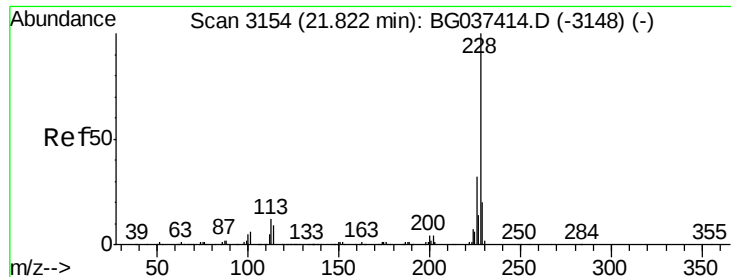
254 66.3 52.0 78.0

126 10.4 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

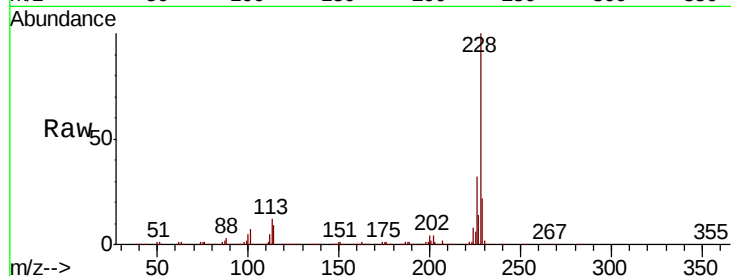




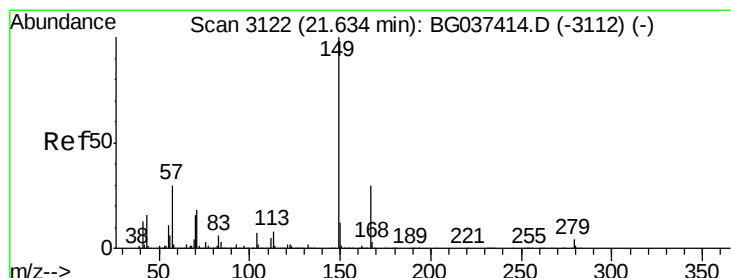
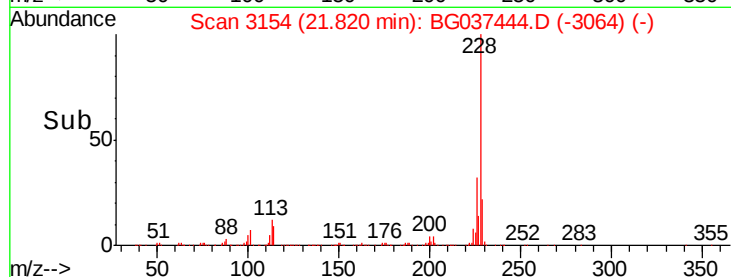
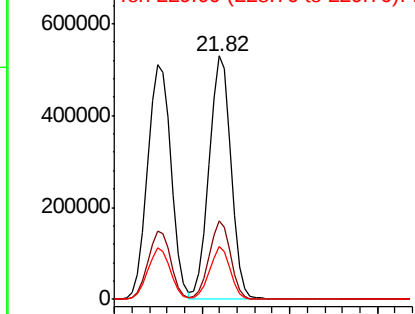
#83
Chrysene
Concen: 39.240 ng
RT: 21.82 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 925020
Ion Ratio Lower Upper
228 100
226 32.0 25.7 38.5
229 21.5 16.5 24.7

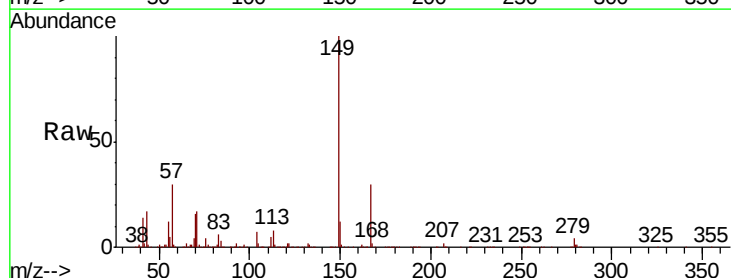


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

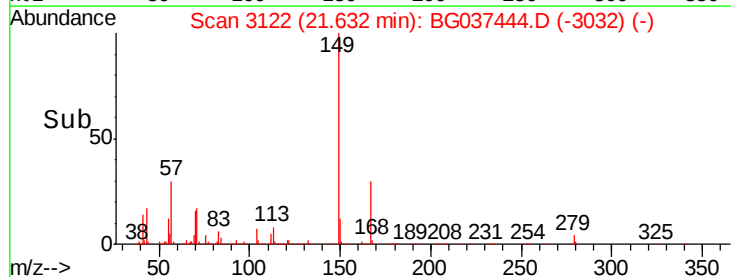
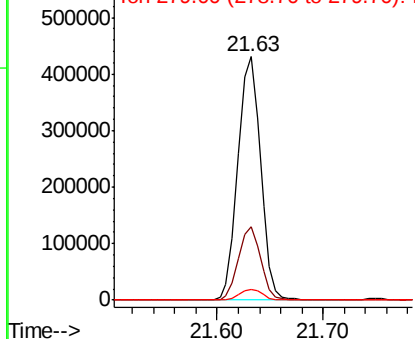


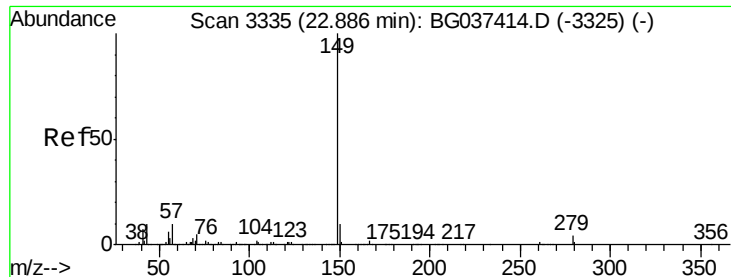
#84
Bis(2-ethylhexyl)phthalate
Concen: 41.097 ng
RT: 21.63 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

Tgt Ion:149 Resp: 638779
Ion Ratio Lower Upper
149 100
167 30.3 23.0 34.4
279 4.4 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.388 ng

RT: 22.88 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

Instrument :

BNA_G

ClientSampleId :

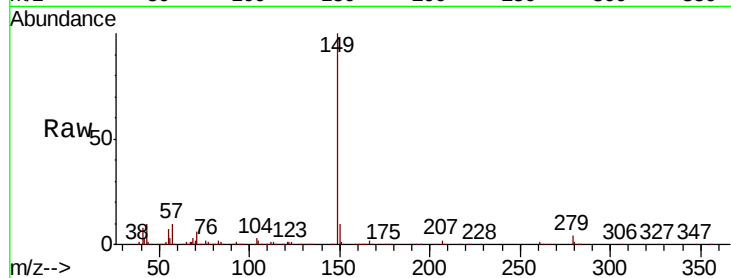
Tot Ion:149 Resp: 1049005

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

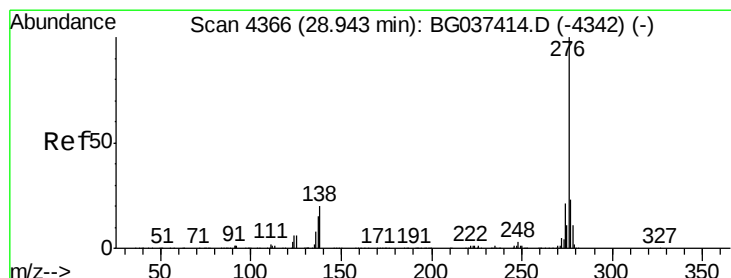
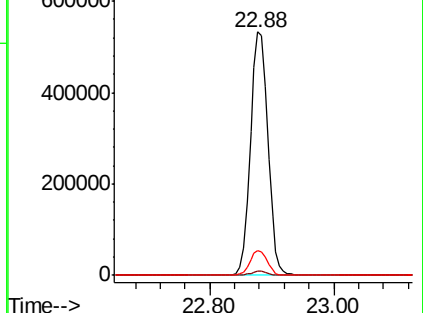
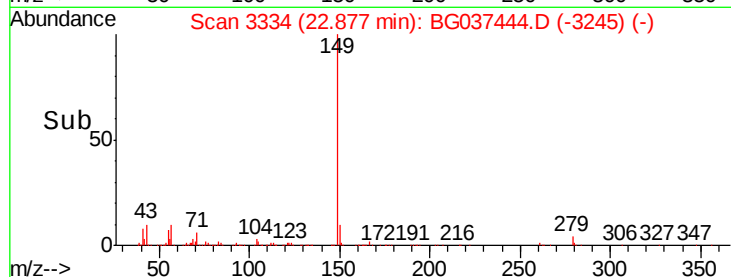
43 10.1 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.961 ng

RT: 28.94 min Scan# 4366

Delta R.T. -0.00 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

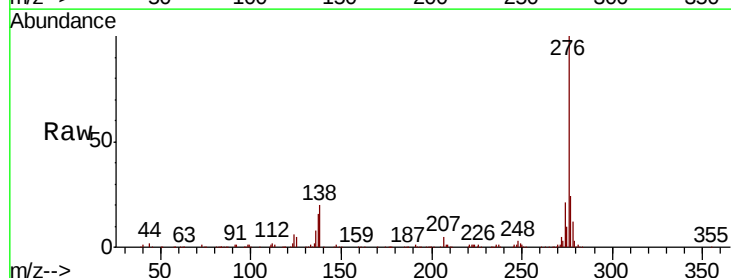
Tgt Ion:276 Resp: 1010371

Ion Ratio Lower Upper

276 100

138 25.6 12.0 18.0#

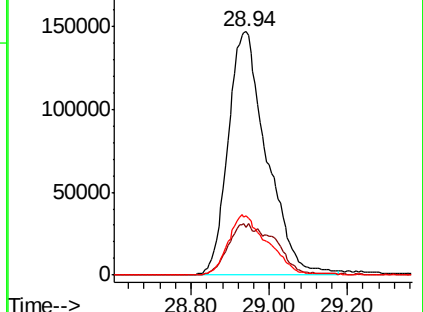
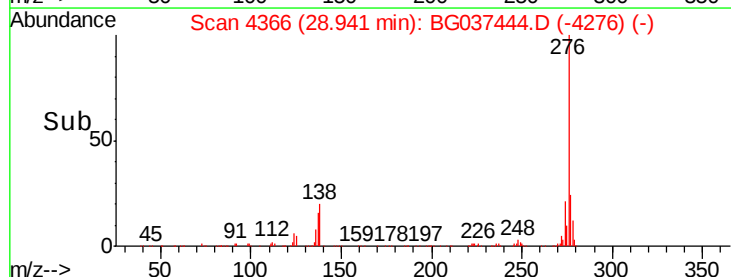
277 25.2 20.6 30.8

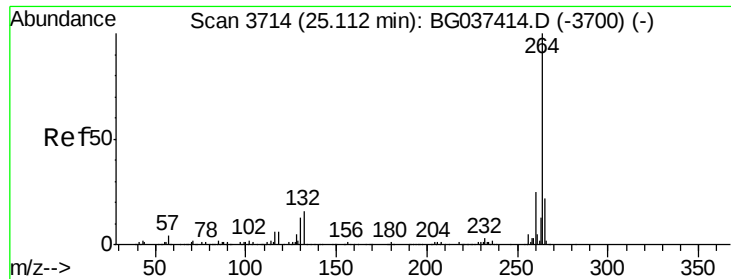


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



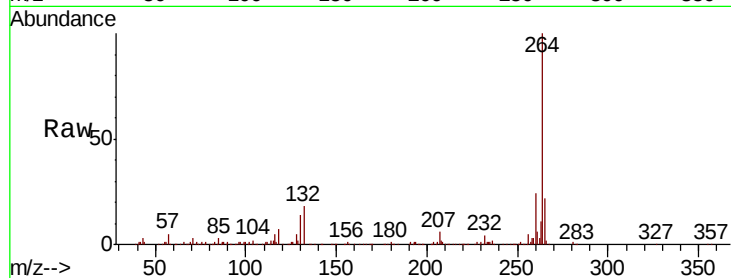


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

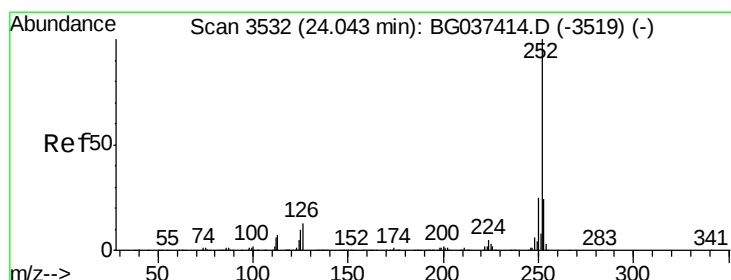
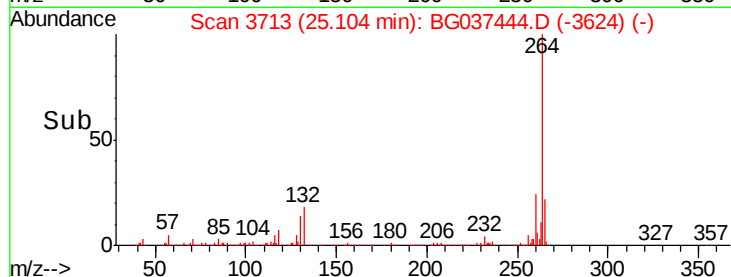
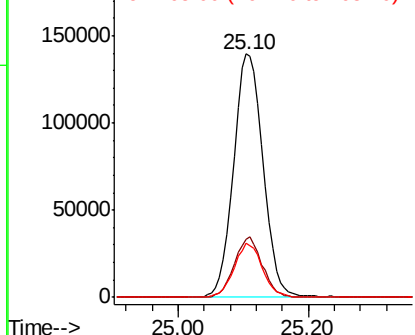
Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 437322

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	22.0	17.9	26.9



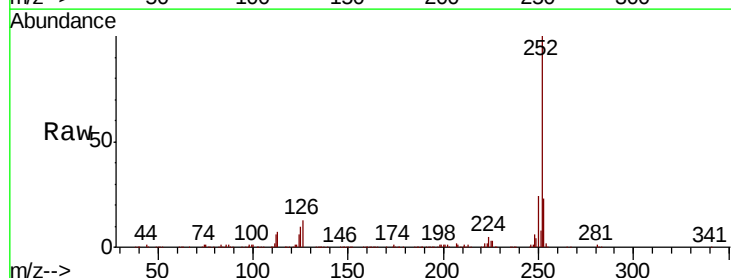
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



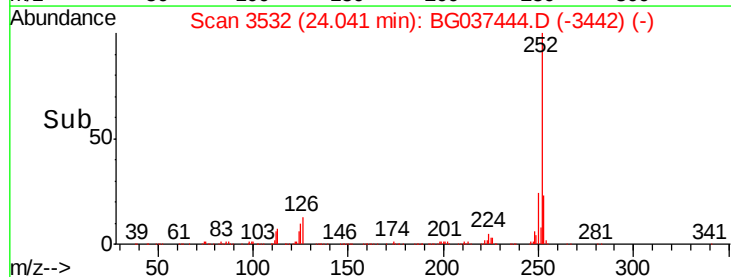
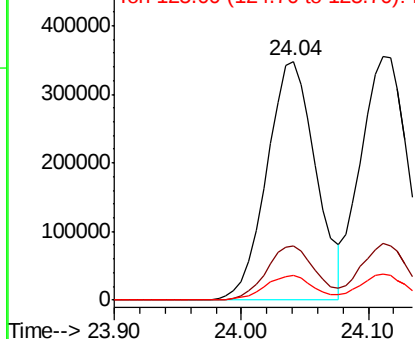
#88
Benzo(b)fluoranthene
Concen: 39.003 ng
RT: 24.04 min Scan# 3532
Delta R.T. -0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

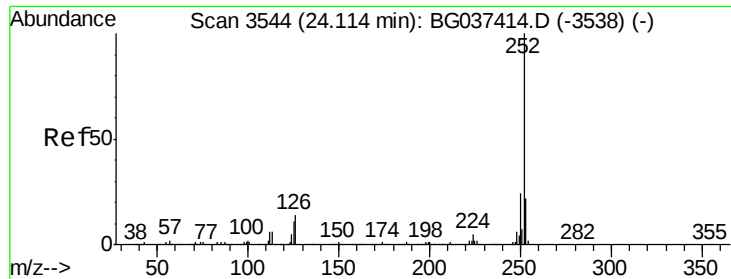
Tgt Ion:252 Resp: 935129

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	10.3	7.8	11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

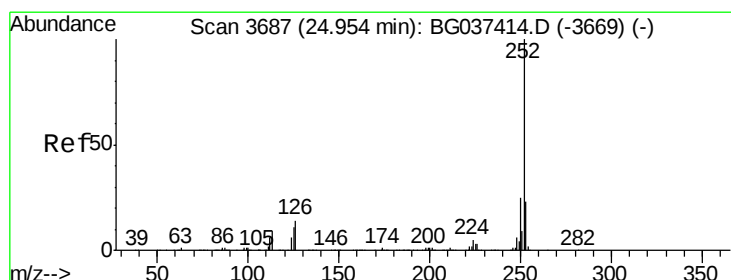
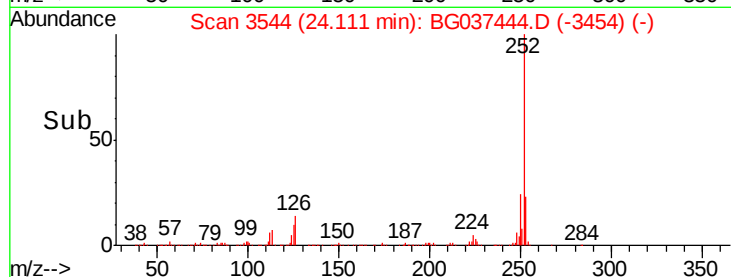
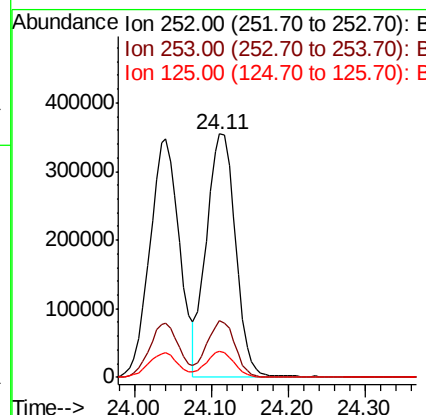
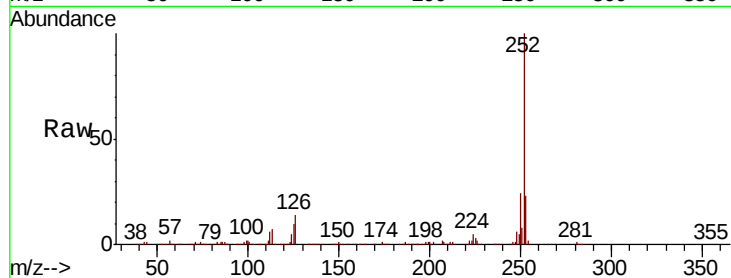




#89
Benzo(k)fluoranthene
Concen: 39.250 ng
RT: 24.11 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

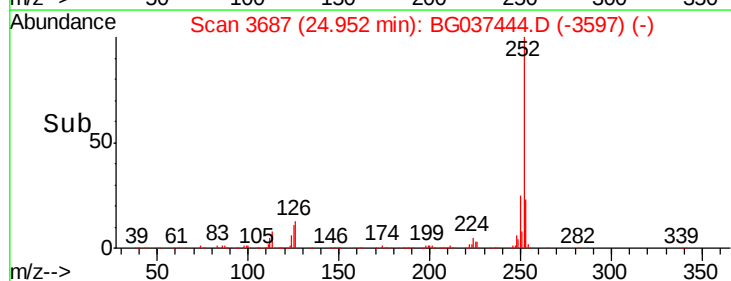
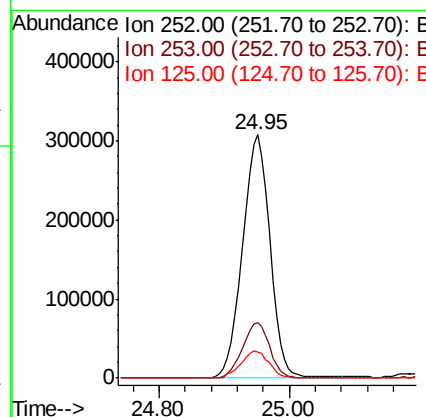
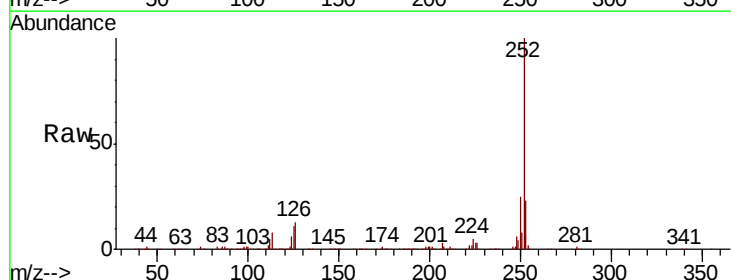
Instrument :
BNA_G
ClientSampleId :

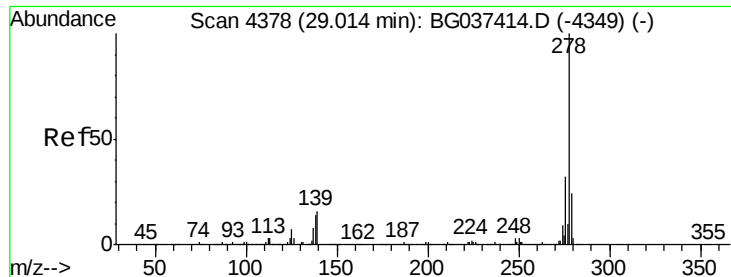
Tot Ion:252 Resp: 921961
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 10.5 7.4 11.0



#90
Benzo(a)pyrene
Concen: 39.516 ng
RT: 24.95 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG037444.D
Acq: 19 Oct 2018 7:45

Tgt Ion:252 Resp: 900265
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 10.9 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 39.379 ng

RT: 29.01 min Scan# 4377

Delta R.T. -0.01 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

Instrument :

BNA_G

ClientSampleId :

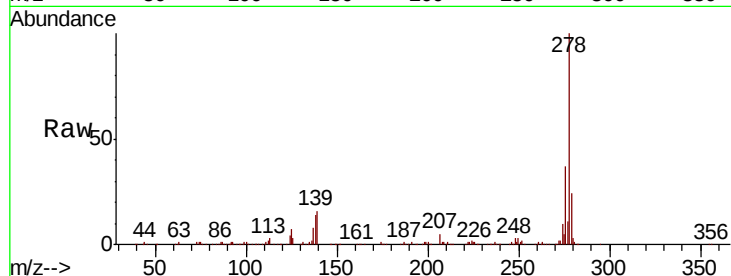
Tot Ion:278 Resp: 827556

Ion Ratio Lower Upper

278 100

139 16.2 11.5 17.3

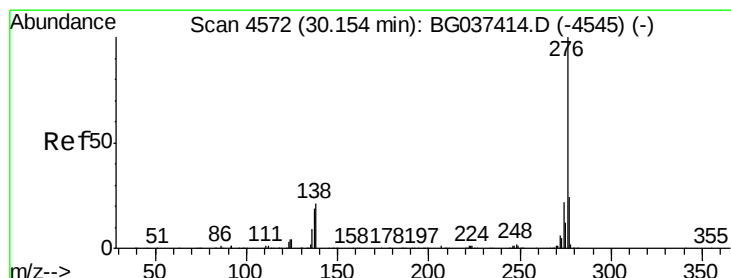
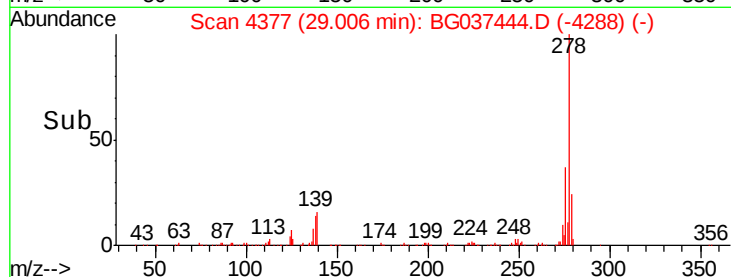
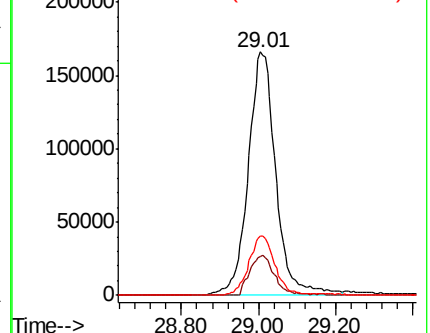
279 24.3 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.396 ng

RT: 30.15 min Scan# 4571

Delta R.T. -0.01 min

Lab File: BG037444.D

Acq: 19 Oct 2018 7:45

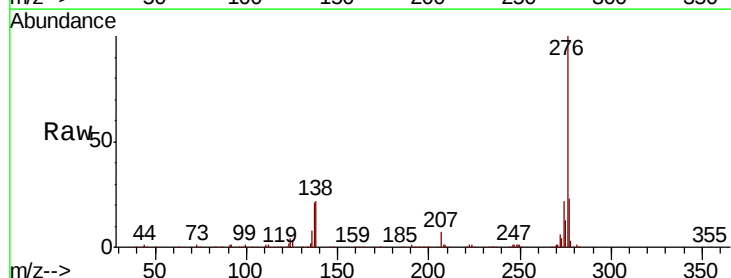
Tgt Ion:276 Resp: 816333

Ion Ratio Lower Upper

276 100

277 22.8 18.9 28.3

138 21.8 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

