

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037491.D
 Acq On : 24 Oct 2018 00:43
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 04:44:30 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	66503	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	311566	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	199693	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	464429	20.00	ng	0.00
76) Chrysene-d12	21.77	240	407521	20.00	ng	0.00
87) Perylene-d12	25.11	264	437899	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	311948	78.42	ng	0.00
7) Phenol-d6	7.25	99	471515	78.39	ng	0.00
23) Nitrobenzene-d5	9.28	82	437912	78.74	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	170174	78.13	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1015638	76.69	ng	0.00
79) Terphenyl-d14	20.09	244	1447027	75.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	78858	39.092	ng	97
3) Pyridine	3.94	79	201924	39.715	ng	92
4) n-Nitrosodimethylamine	3.85	42	74645	41.218	ng	# 92
6) Aniline	7.43	93	292002	39.794	ng	98
8) 2-Chlorophenol	7.67	128	182761	39.274	ng	99
9) Benzaldehyde	7.25	77	138781	36.884	ng	96
10) Phenol	7.27	94	248150	39.101	ng	99
11) bis(2-Chloroethyl)ether	7.53	93	194435	40.339	ng	95
12) 1,3-Dichlorobenzene	8.00	146	205059	39.582	ng	99
13) 1,4-Dichlorobenzene	8.14	146	205833	38.842	ng	99
14) 1,2-Dichlorobenzene	8.46	146	194186	38.094	ng	99
15) Benzyl Alcohol	8.34	79	179634	40.418	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	353042	40.935	ng	97
17) 2-Methylphenol	8.54	107	165452	39.434	ng	99
18) Hexachloroethane	9.19	117	72787	40.290	ng	94
19) n-Nitroso-di-n-propylamine	8.91	70	165433	39.941	ng	95
20) 3+4-Methylphenols	8.87	107	233799	38.975	ng	99
22) Acetophenone	8.94	105	296272	37.916	ng	97
24) Nitrobenzene	9.33	77	229117	39.654	ng	95
25) Isophorone	9.85	82	405047	39.858	ng	97
26) 2-Nitrophenol	10.03	139	107545	41.318	ng	97
27) 2,4-Dimethylphenol	10.08	122	178381	38.383	ng	96
28) bis(2-Chloroethoxy)methane	10.33	93	260668	39.150	ng	97
29) 2,4-Dichlorophenol	10.56	162	195986	37.876	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	216856	38.538	ng	97
31) Naphthalene	10.98	128	588462	38.453	ng	99
32) Benzoic acid	10.21	122	142816	47.313	ng	98
33) 4-Chloroaniline	11.09	127	275832	38.361	ng	98
34) Hexachlorobutadiene	11.25	225	131136	39.321	ng	99
35) Caprolactam	11.88	113	82538	39.772	ng	97
36) 4-Chloro-3-methylphenol	12.19	107	225358	38.618	ng	99
37) 2-Methylnaphthalene	12.57	142	426676	38.248	ng	98
38) 1-Methylnaphthalene	12.80	142	410732	37.913	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	247356	38.402	ng	100

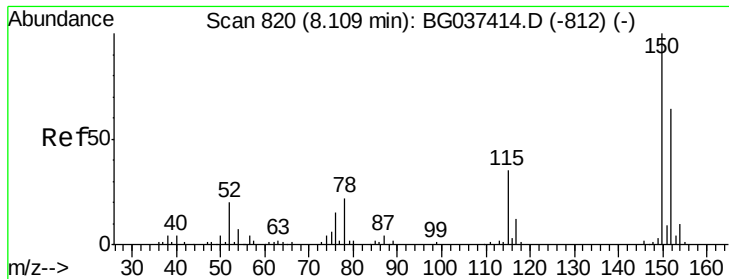
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037491.D
 Acq On : 24 Oct 2018 00:43
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 04:44:30 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	12.90	237	120239	39.079	ng	99
43) 2,4,6-Trichlorophenol	13.17	196	172313	40.043	ng	98
44) 2,4,5-Trichlorophenol	13.24	196	180749	38.578	ng	96
46) 1,1'-Biphenyl	13.58	154	634726	38.380	ng	97
47) 2-Chloronaphthalene	13.62	162	478861	38.273	ng	99
48) 2-Nitroaniline	13.83	65	154051	40.602	ng	98
49) Acenaphthylene	14.47	152	735204	39.063	ng	100
50) Dimethylphthalate	14.19	163	596389	38.605	ng	99
51) 2,6-Dinitrotoluene	14.32	165	133403	39.035	ng	97
52) Acenaphthene	14.81	154	449996	38.822	ng	98
53) 3-Nitroaniline	14.65	138	148903	39.248	ng	# 98
54) 2,4-Dinitrophenol	14.85	184	47740	45.008	ng	94
55) Dibenzofuran	15.14	168	712618	37.106	ng	99
56) 4-Nitrophenol	14.94	139	114057	40.615	ng	98
57) 2,4-Dinitrotoluene	15.10	165	181688	40.500	ng	95
58) Fluorene	15.79	166	541451	37.649	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	154766	38.580	ng	98
60) Diethylphthalate	15.55	149	617888	38.958	ng	99
61) 4-Chlorophenyl-phenylether	15.78	204	316103	37.710	ng	98
62) 4-Nitroaniline	15.82	138	150915	40.031	ng	93
63) Azobenzene	16.06	77	572651	37.842	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	93604	40.108	ng	97
66) n-Nitrosodiphenylamine	15.99	169	536750	38.421	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	194409	38.118	ng	98
68) Hexachlorobenzene	16.78	284	197967	37.452	ng	99
69) Atrazine	16.93	200	193381	38.286	ng	98
70) Pentachlorophenol	17.13	266	142167	40.153	ng	97
71) Phenanthrene	17.53	178	887295	37.591	ng	100
72) Anthracene	17.62	178	881109	38.038	ng	98
73) Carbazole	17.89	167	886742	38.270	ng	99
74) Di-n-butylphthalate	18.43	149	1027018	39.845	ng	100
75) Fluoranthene	19.54	202	1018985	38.063	ng	98
77) Benzidine	19.72	184	509557	36.773	ng	100
78) Pyrene	19.89	202	1032312	38.750	ng	100
80) Butylbenzylphthalate	20.77	149	456794	41.897	ng	97
81) Benzo(a)anthracene	21.75	228	925223	38.384	ng	98
82) 3,3'-Dichlorobenzidine	21.67	252	370087	39.611	ng	99
83) Chrysene	21.82	228	890962	38.440	ng	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	637395	41.707	ng	99
85) Di-n-octyl phthalate	22.88	149	1051094	42.177	ng	99
86) Indeno(1,2,3-cd)pyrene	28.94	276	979287	39.392	ng	97
88) Benzo(b)fluoranthene	24.04	252	908068	37.825	ng	99
89) Benzo(k)fluoranthene	24.11	252	885263	37.638	ng	97
90) Benzo(a)pyrene	24.95	252	869193	38.102	ng	98
91) Dibenzo(a,h)anthracene	29.01	278	800691	38.051	ng	# 96
92) Benzo(g,h,i)perylene	30.15	276	810825	38.087	ng	98

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

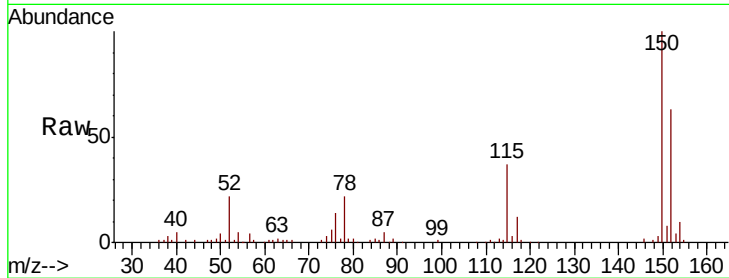


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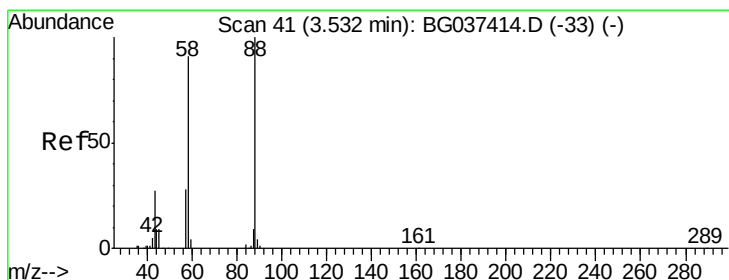
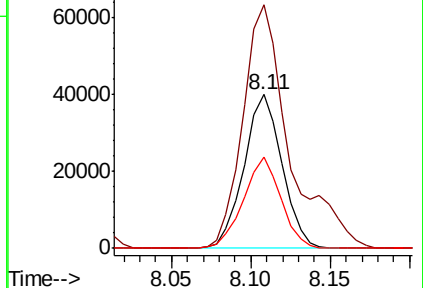
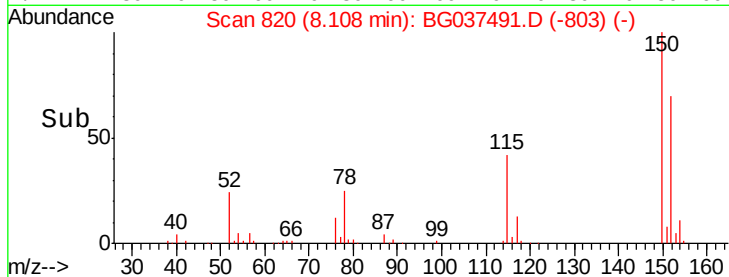
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 66503
Ion Ratio Lower Upper
152 100
150 158.5 126.0 189.0
115 59.3 45.5 68.3



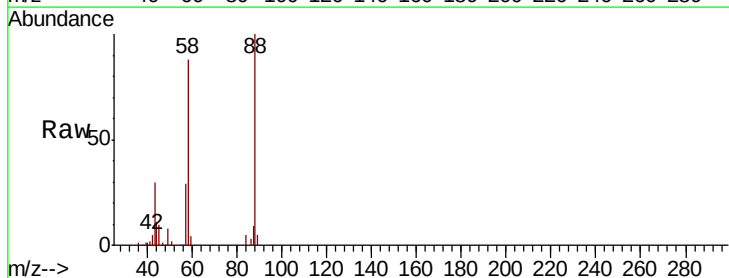
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



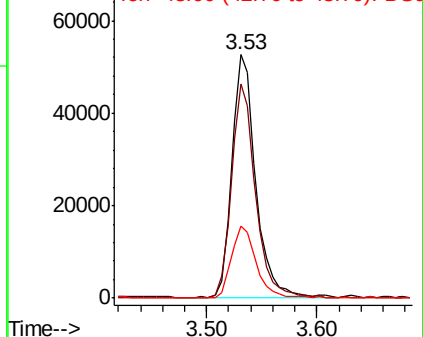
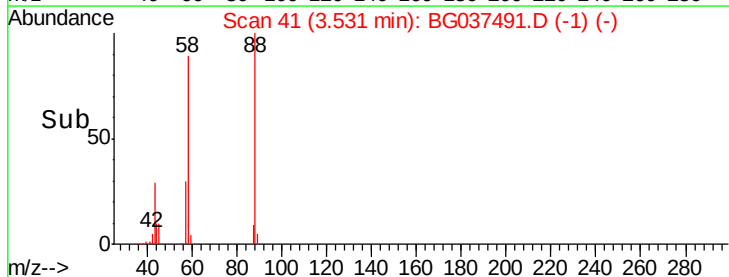
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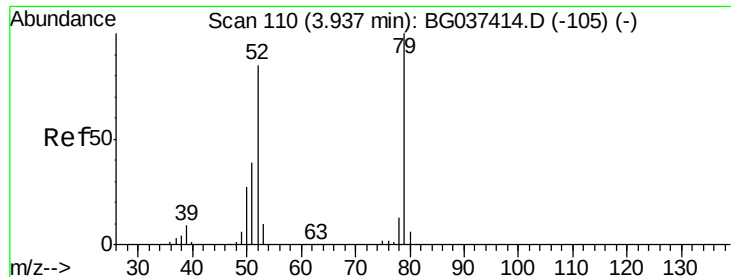
1,4-Dioxane
Concen: 39.092 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

Tgt Ion: 88 Resp: 78858
Ion Ratio Lower Upper
88 100
58 90.1 74.4 111.6
43 31.1 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: 39.715 ng

RT: 3.94 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

Instrument :

BNA_G

ClientSampleId :

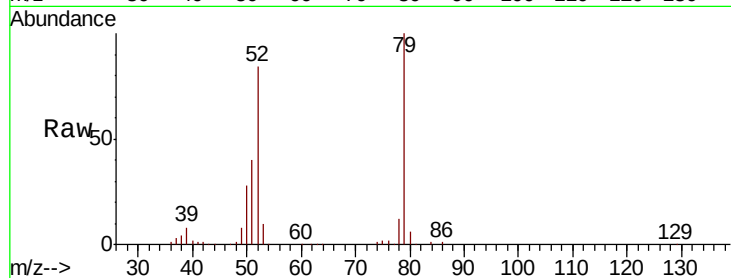
Tot Ion: 79 Resp: 201924

Ion Ratio Lower Upper

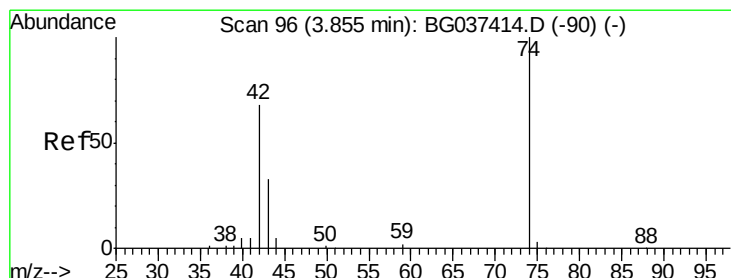
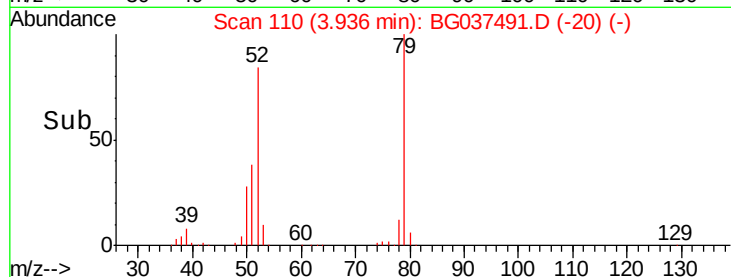
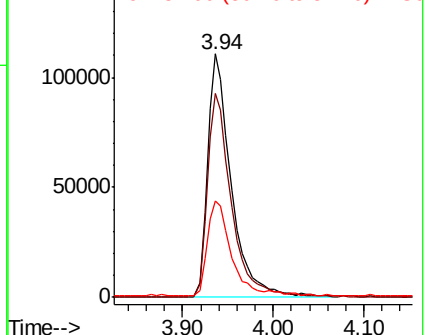
79 100

52 83.7 74.2 111.2

51 39.6 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: 41.218 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

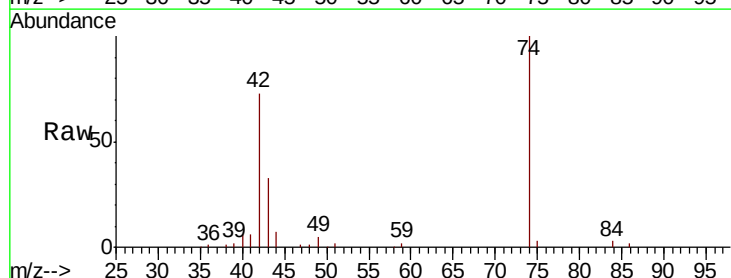
Tgt Ion: 42 Resp: 74645

Ion Ratio Lower Upper

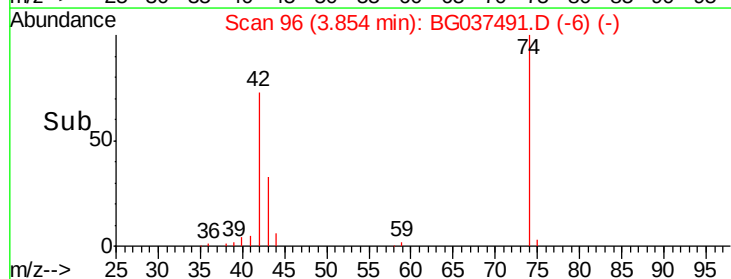
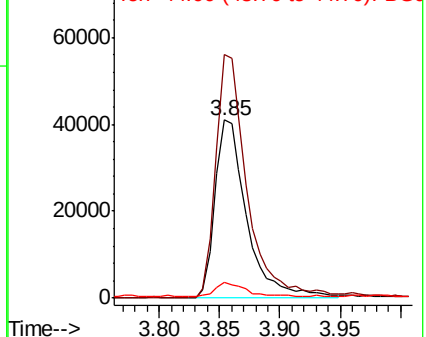
42 100

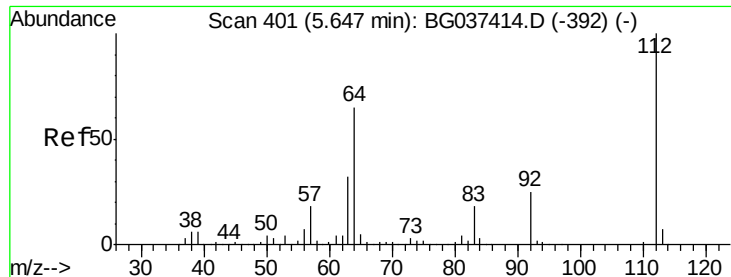
74 136.9 102.0 153.0

44 9.2 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: 78.422 ng

RT: 5.65 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

Instrument :

BNA_G

ClientSampled :

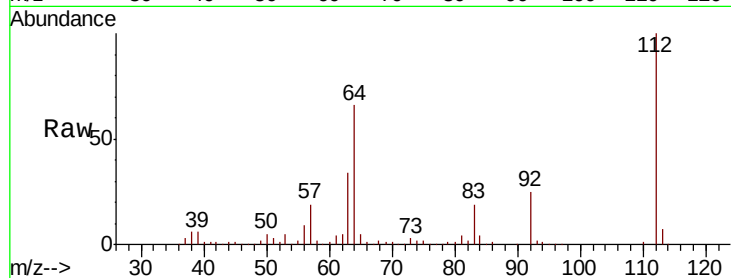
Tot Ion: 112 Resp: 311948

Ion Ratio Lower Upper

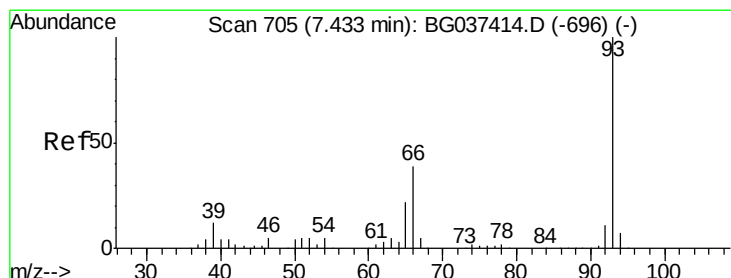
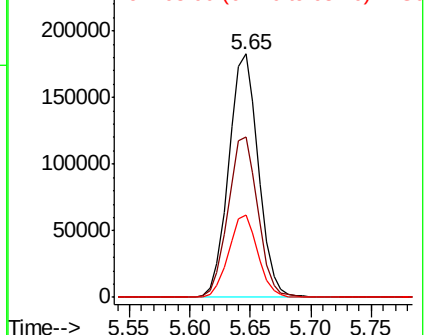
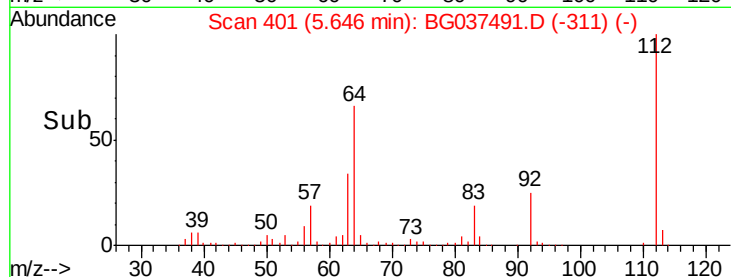
112 100

64 65.8 53.1 79.7

63 34.0 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: 39.794 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

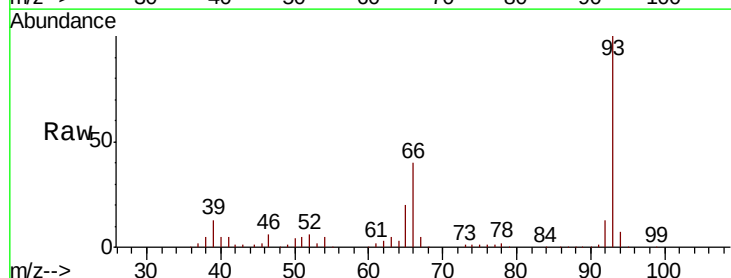
Tgt Ion: 93 Resp: 292002

Ion Ratio Lower Upper

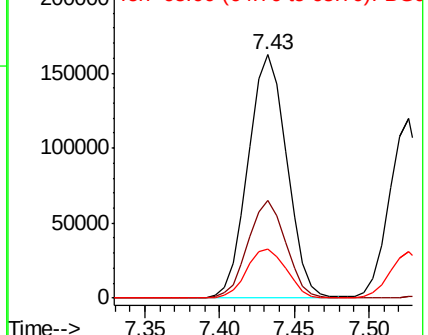
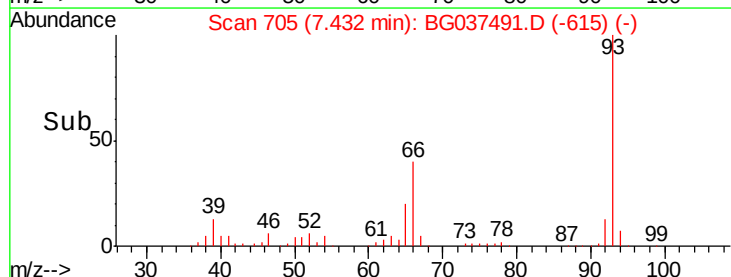
93 100

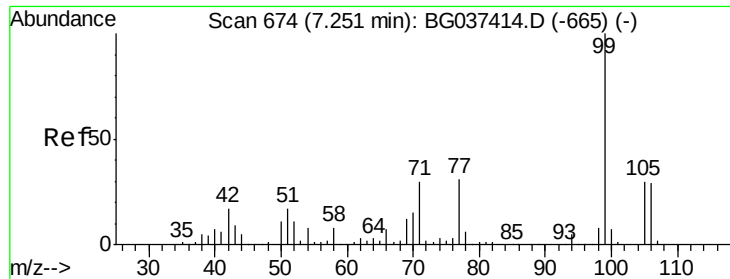
66 39.9 32.8 49.2

65 19.9 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: 78.391 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

Instrument :

BNA_G

ClientSampleId :

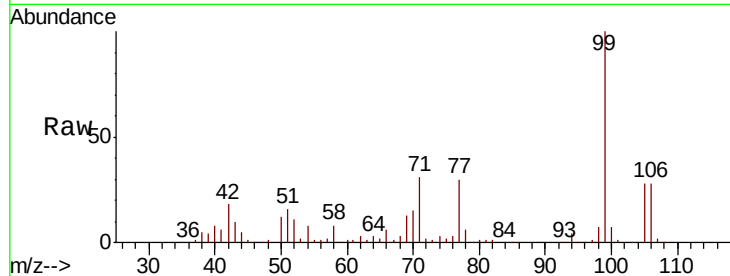
Tot Ion: 99 Resp: 471515

Ion Ratio Lower Upper

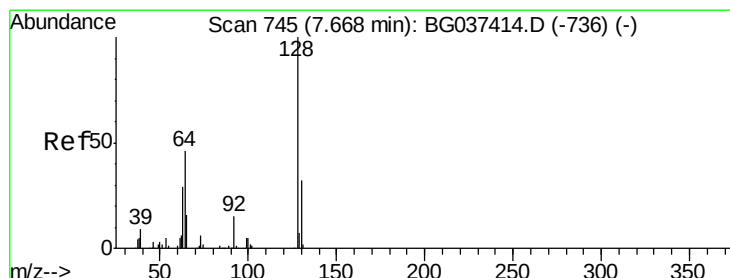
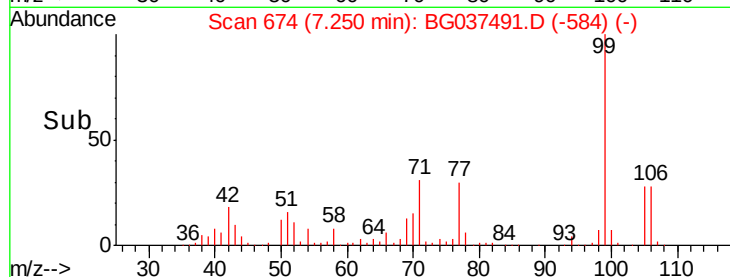
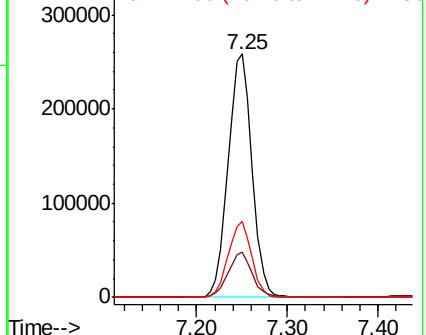
99 100

42 18.4 15.0 22.4

71 31.1 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 39.274 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

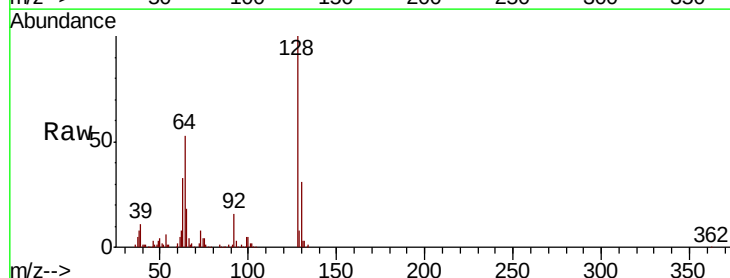
Tgt Ion: 128 Resp: 182761

Ion Ratio Lower Upper

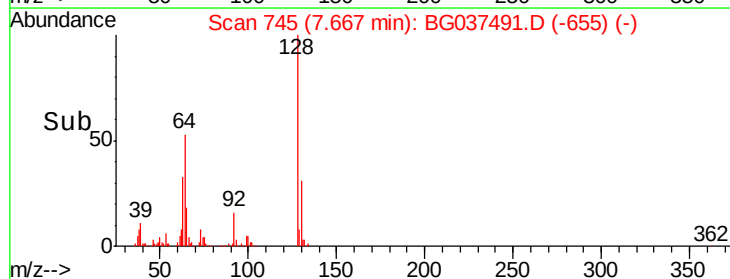
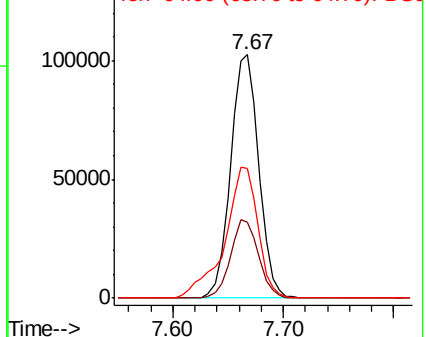
128 100

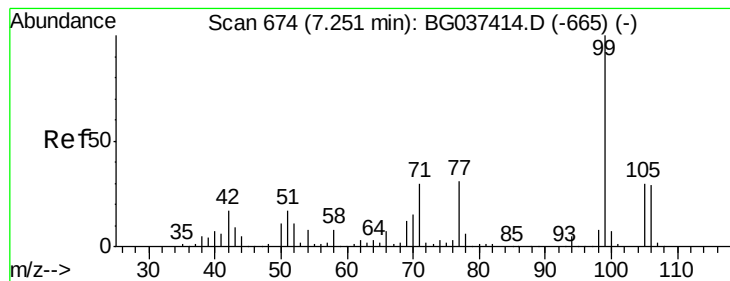
130 31.2 12.0 52.0

64 53.1 32.9 72.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 36.884 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

Instrument :

BNA_G

ClientSampled :

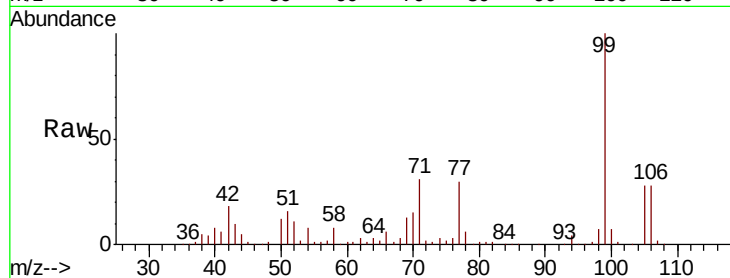
Tot Ion: 77 Resp: 138781

Ion Ratio Lower Upper

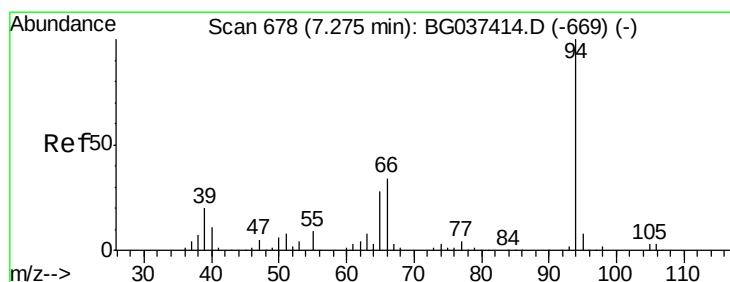
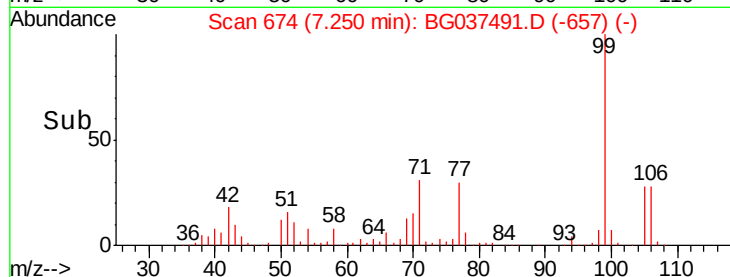
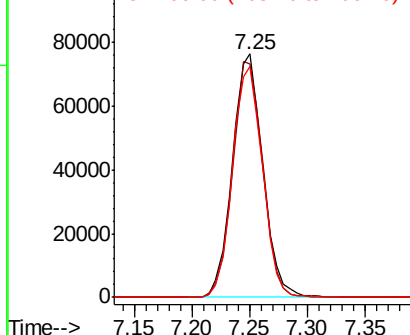
77 100

105 95.8 72.6 112.6

106 94.9 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: 39.101 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

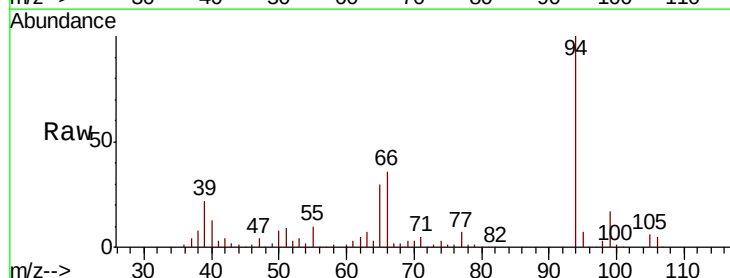
Tgt Ion: 94 Resp: 248150

Ion Ratio Lower Upper

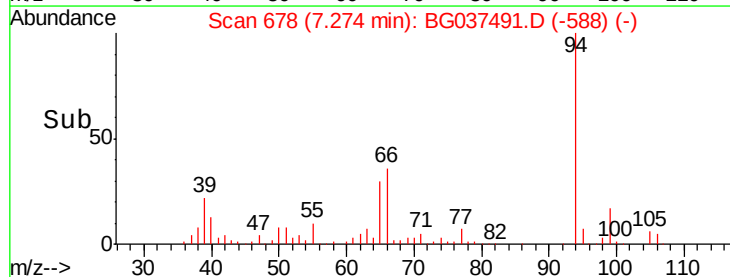
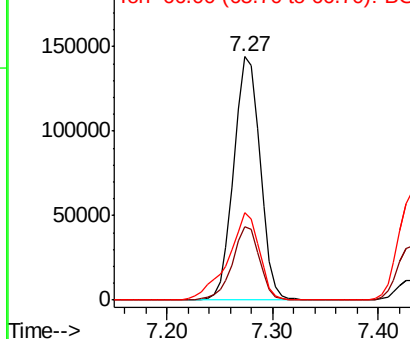
94 100

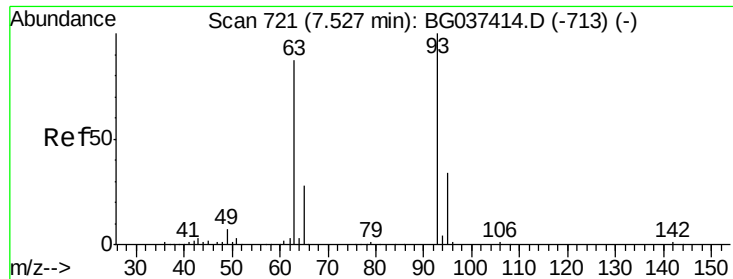
65 30.2 9.7 49.7

66 35.8 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

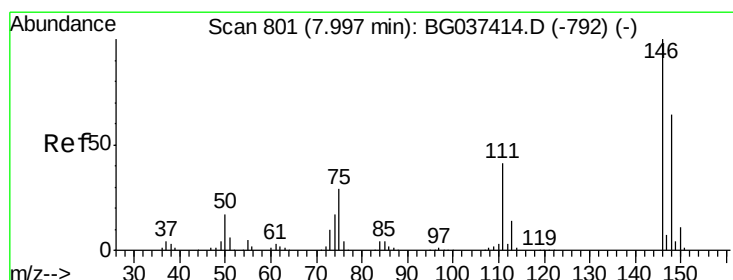
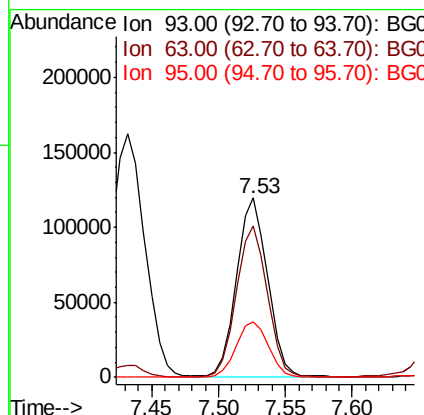
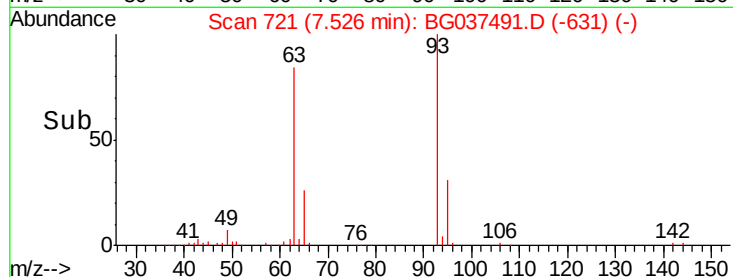
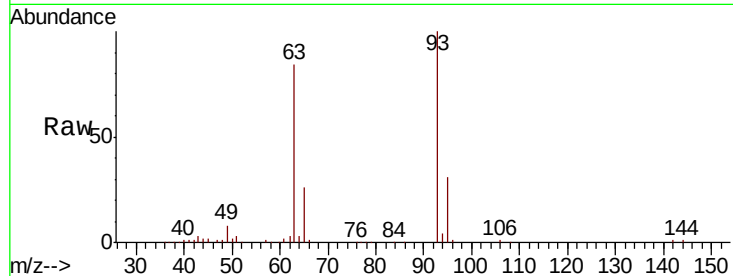




#11
bis(2-Chloroethyl)ether
Concen: 40.339 ng
RT: 7.53 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

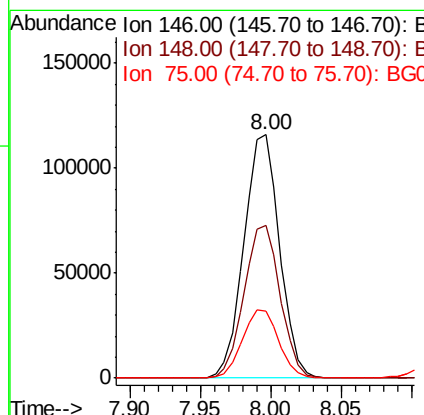
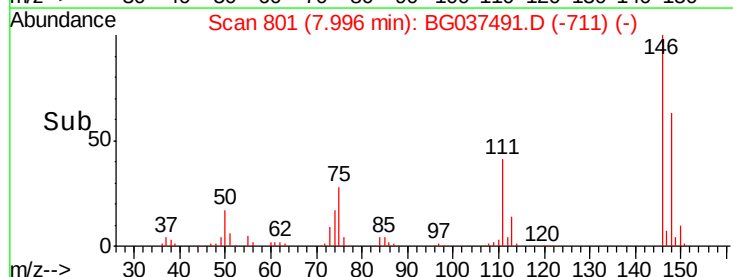
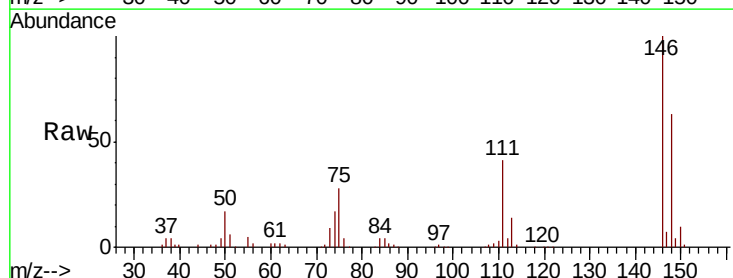
Instrument :
BNA_G
ClientSampleId :

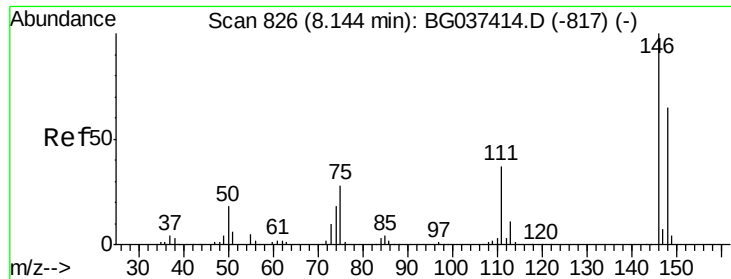
Tot Ion: 93 Resp: 194435
Ion Ratio Lower Upper
93 100
63 84.4 69.5 109.5
95 30.9 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.582 ng
RT: 8.00 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

Tgt Ion: 146 Resp: 205059
Ion Ratio Lower Upper
146 100
148 62.8 49.8 74.8
75 27.7 23.2 34.8

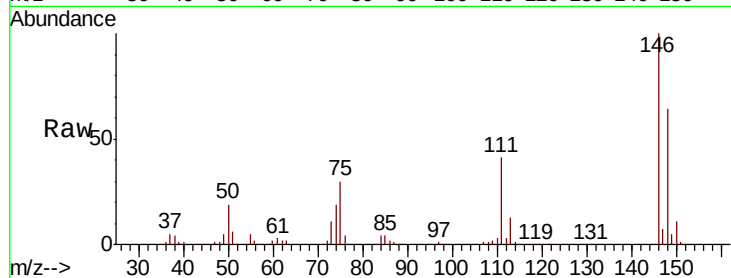




#13
 1,4-Dichlorobenzene
 Concen: 38.842 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037491.D
 Acq: 24 Oct 2018 00:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.6
111	41.5	32.4	48.6

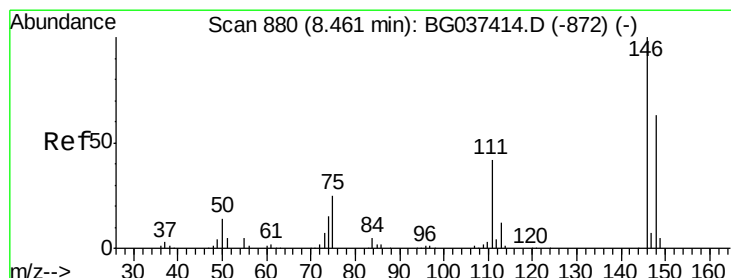
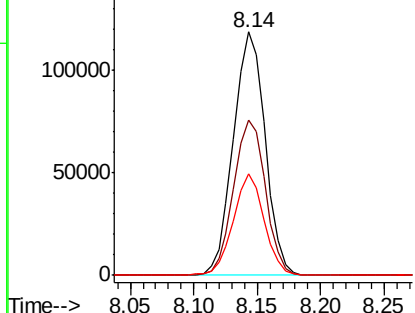
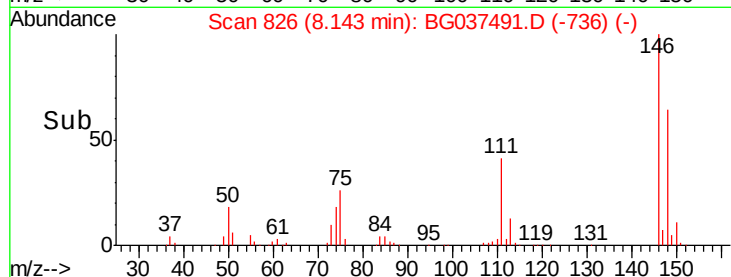


Abundance

Ion 146.00 (145.70 to 146.70): E

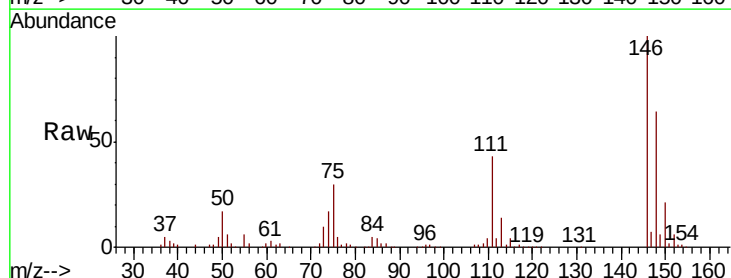
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.094 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037491.D
 Acq: 24 Oct 2018 00:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.4	75.6
111	42.6	34.6	51.8

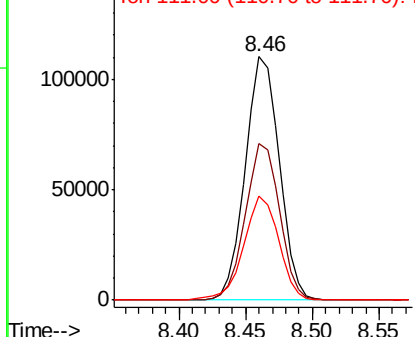
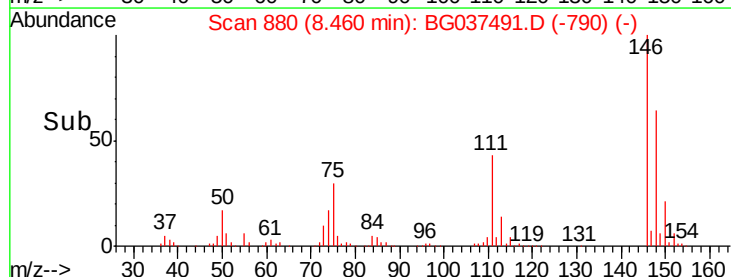


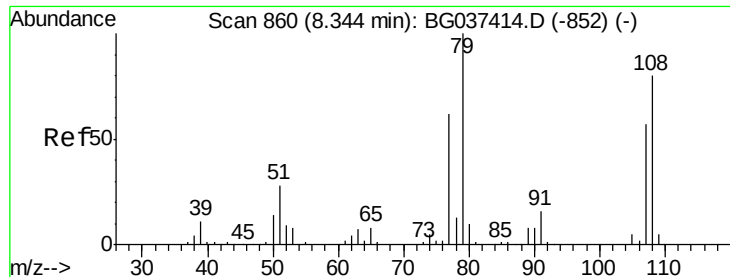
Abundance

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: 40.418 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

Instrument :

BNA_G

ClientSampleId :

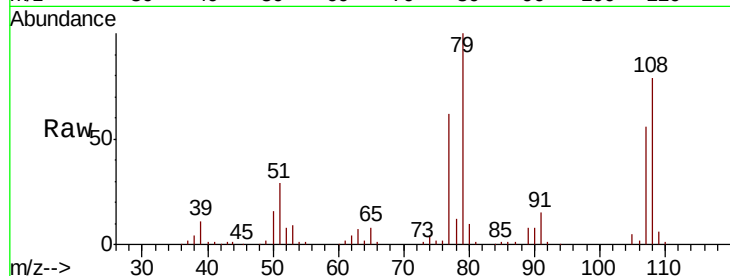
Tot Ion: 79 Resp: 179634

Ion Ratio Lower Upper

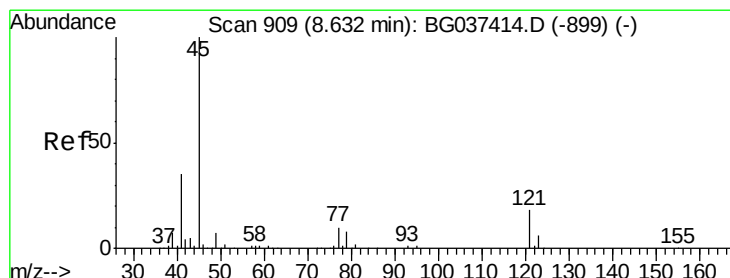
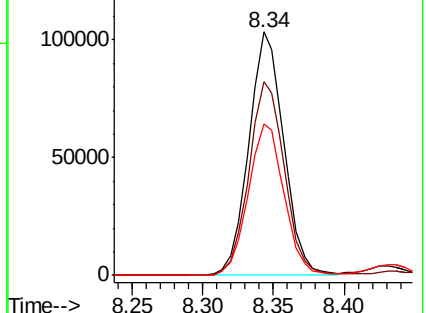
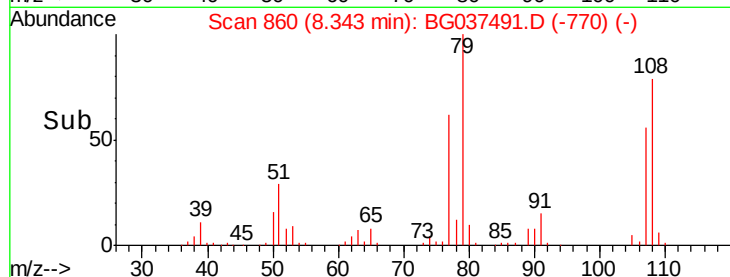
79 100

108 79.4 65.8 98.8

77 62.4 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.935 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

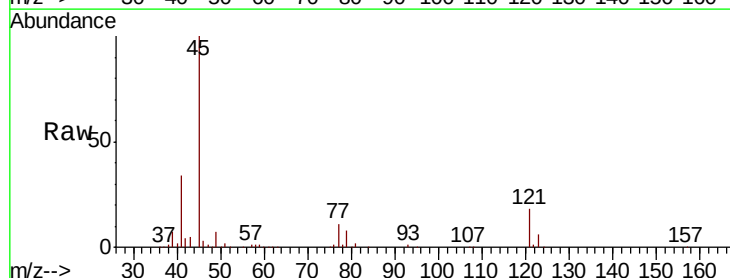
Tgt Ion: 45 Resp: 353042

Ion Ratio Lower Upper

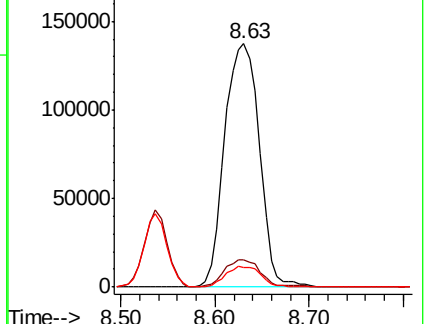
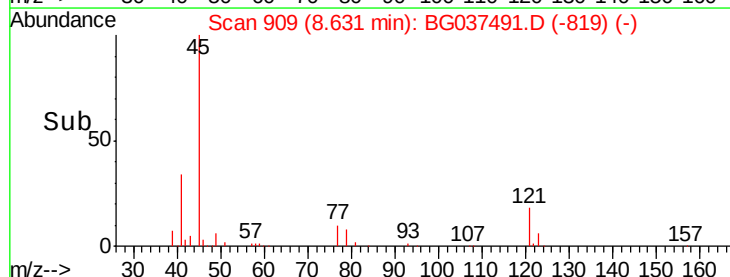
45 100

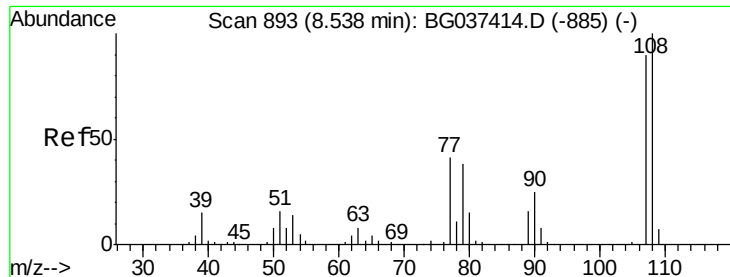
77 11.4 0.0 30.0

79 8.3 0.0 29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

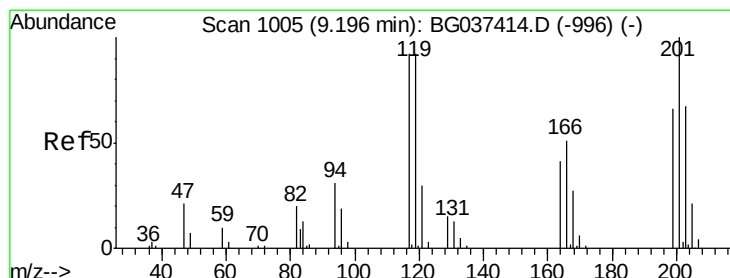
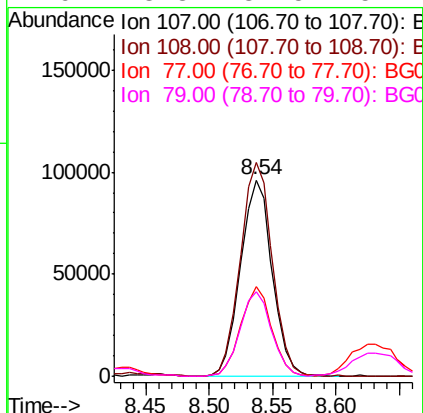
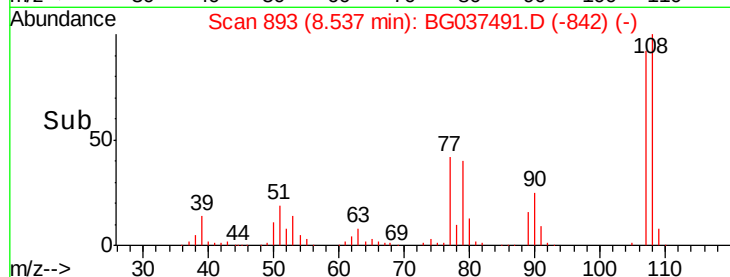
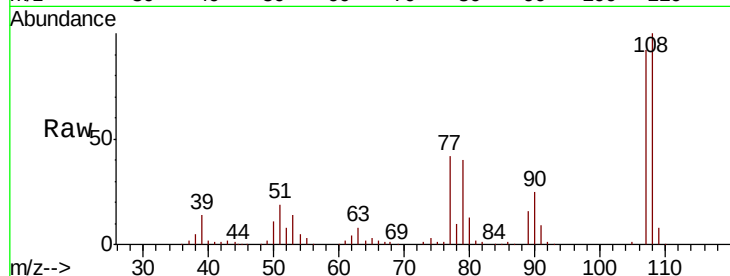




#17
2-Methylphenol
Concen: 39.434 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

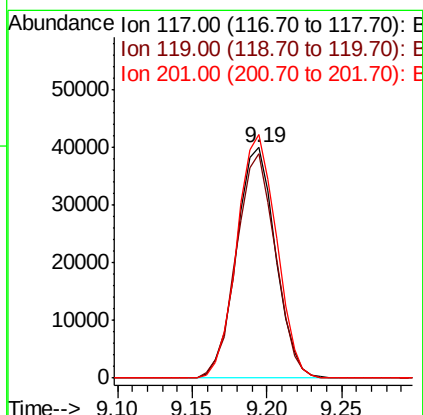
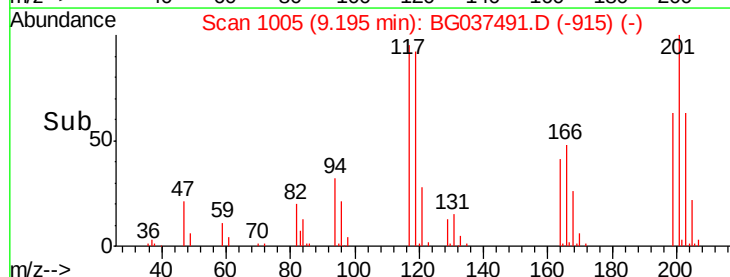
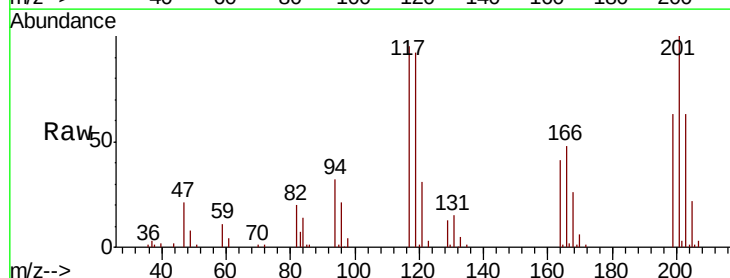
Instrument :
BNA_G
ClientSampleId :

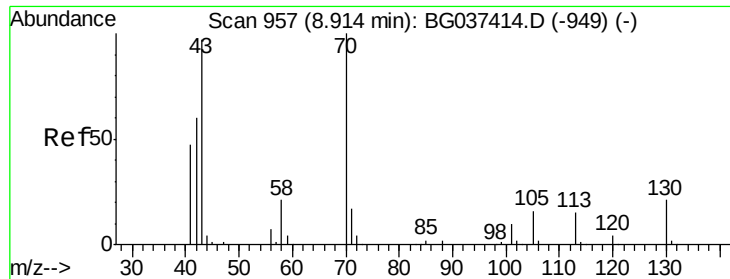
Tot Ion:	107	Resp:	165452
Ion	Ratio	Lower	Upper
107	100		
108	108.8	87.9	131.9
77	45.6	35.1	52.7
79	43.3	34.5	51.7



#18
Hexachloroethane
Concen: 40.290 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

Tgt Ion:	117	Resp:	72787
Ion	Ratio	Lower	Upper
117	100		
119	97.2	74.6	111.8
201	108.7	80.8	121.2

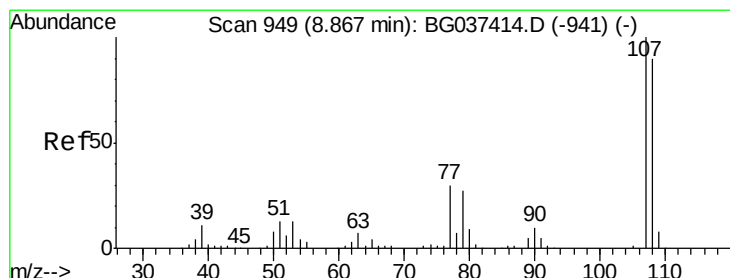
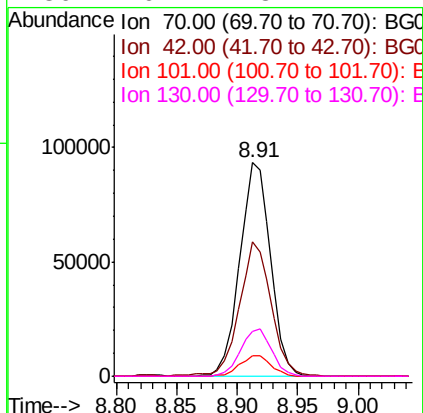
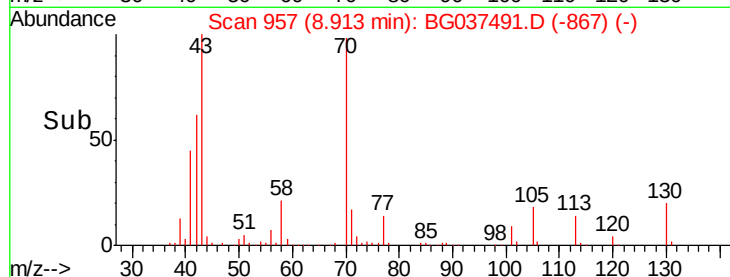
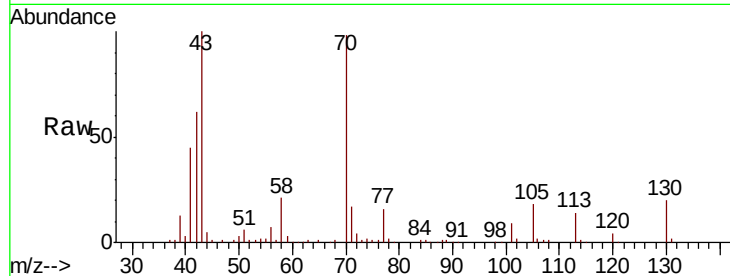




#19
n-Nitroso-di-n-propylamine
Concen: 39.941 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

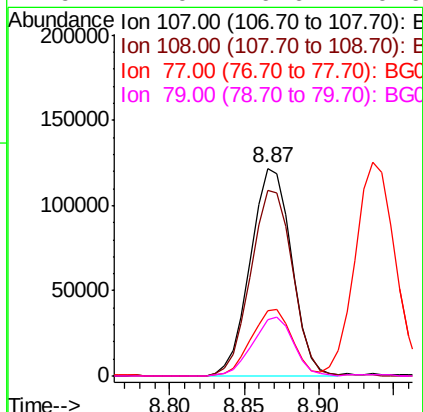
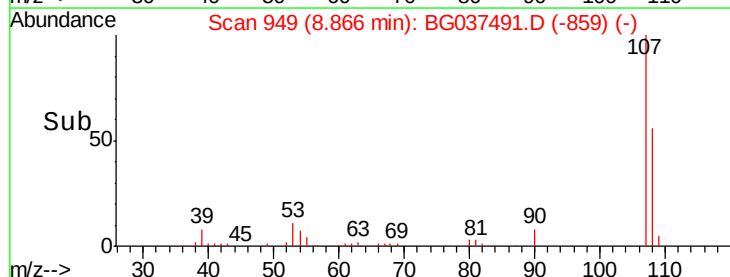
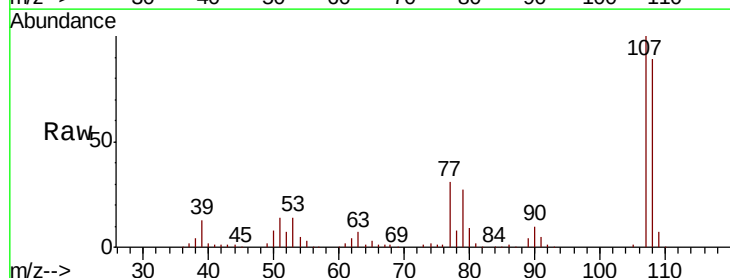
Instrument :
BNA_G
ClientSampleId :

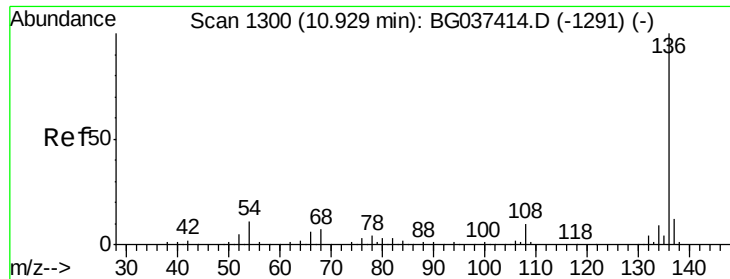
Tot Ion:	70	Resp:	165433
Ion	Ratio	Lower	Upper
70	100		
42	63.1	53.9	80.9
101	9.6	8.2	12.2
130	20.7	18.2	27.4



#20
3+4-Methylphenols
Concen: 38.975 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

Tgt Ion:	107	Resp:	233799
Ion	Ratio	Lower	Upper
107	100		
108	89.3	69.9	109.9
77	31.4	11.2	51.2
79	27.0	6.6	46.6

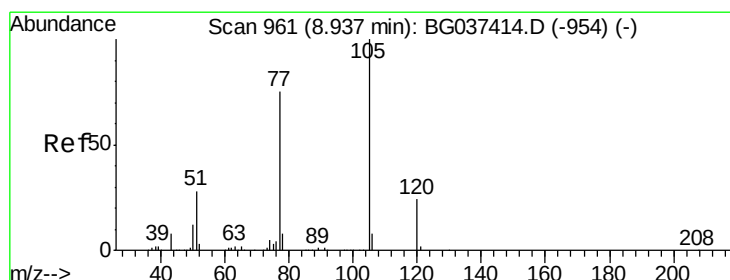
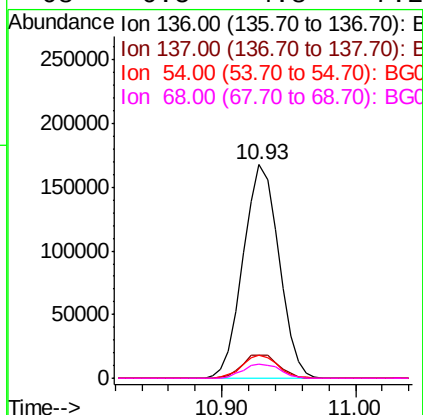
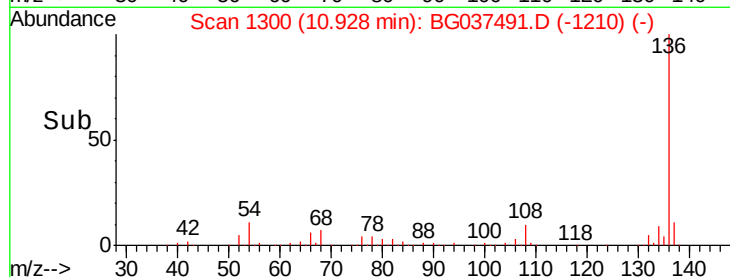
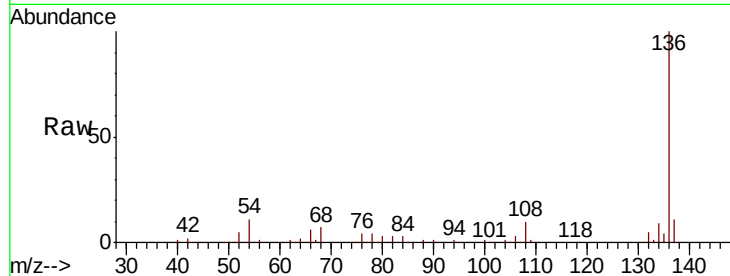




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

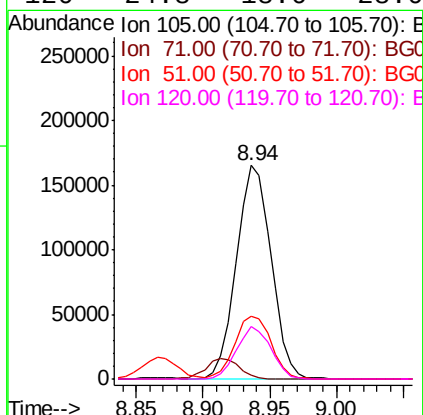
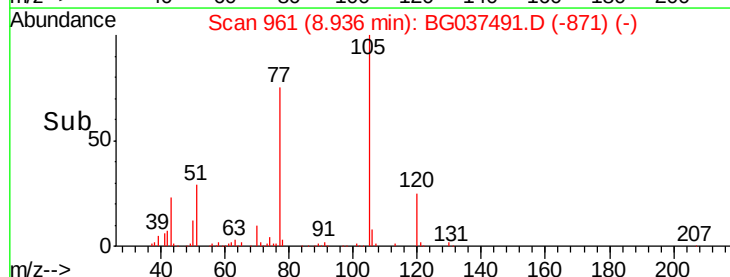
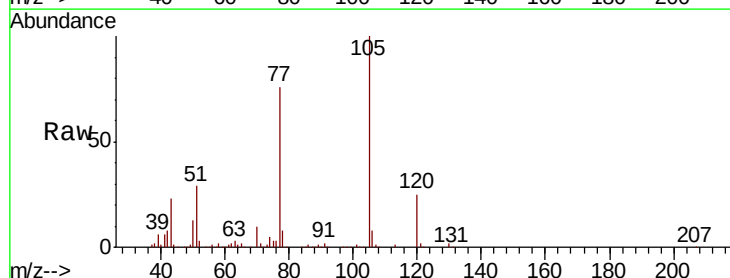
Instrument :
BNA_G
ClientSampled :

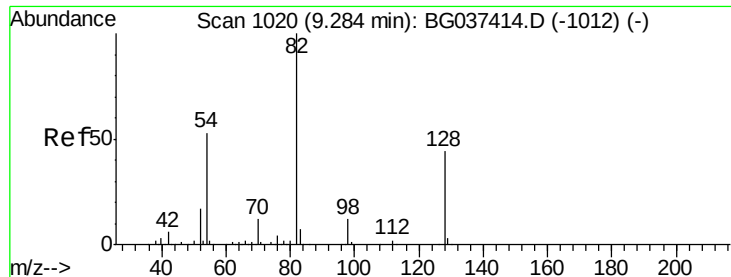
Tot Ion:136	Resp:	311566
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.6 14.4
54	10.6	7.9 11.9
68	6.5	4.8 7.2



#22
Acetophenone
Concen: 37.916 ng
RT: 8.94 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

Tgt Ion:105	Resp:	296272
Ion	Ratio	Lower Upper
105	100	
71	1.6	1.2 1.8
51	29.3	25.0 37.6
120	24.8	18.6 28.0

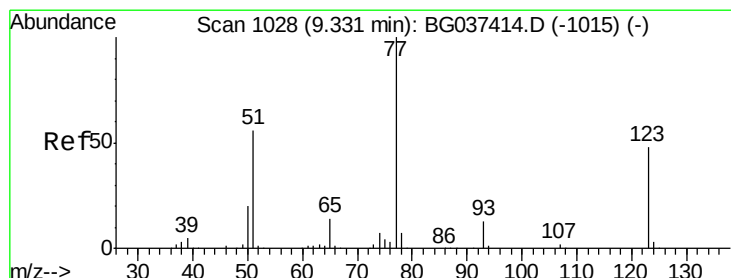
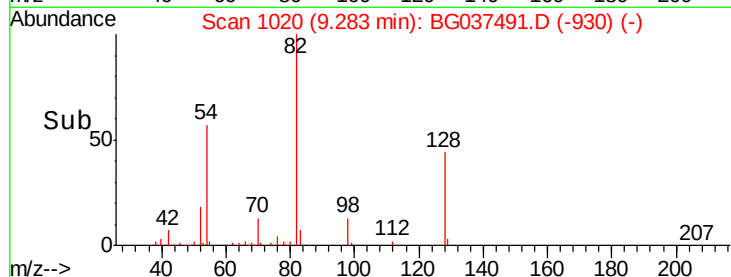
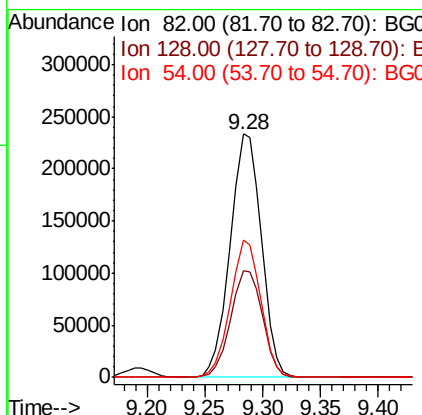
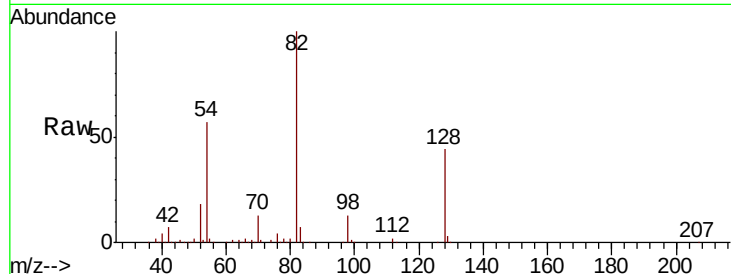




#23
 Nitrobenzene-d5
 Concen: 78.736 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037491.D
 Acq: 24 Oct 2018 00:43

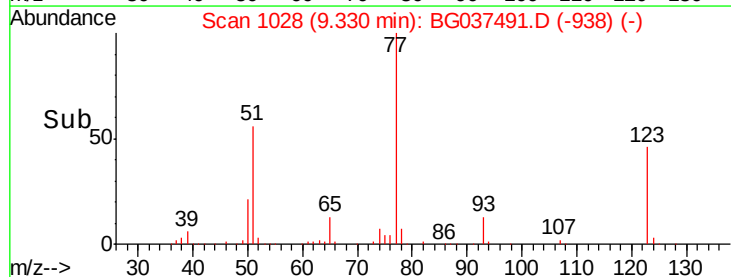
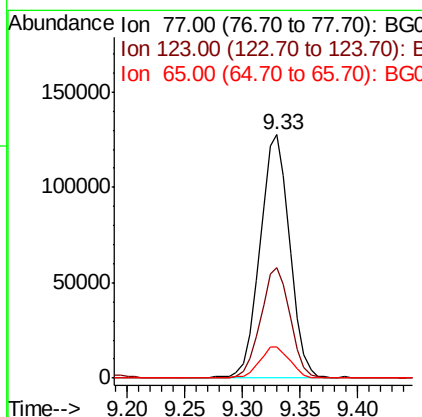
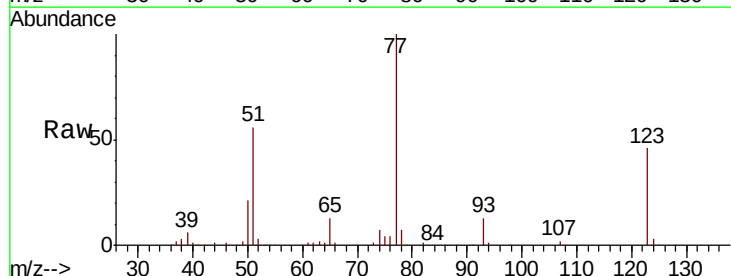
Instrument :
 BNA_G
 ClientSampleId :

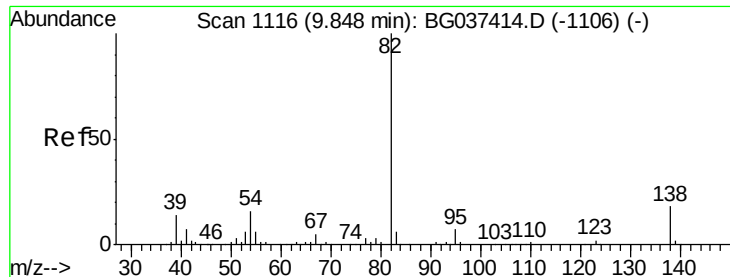
Tot Ion	82	Resp	437912
Ion Ratio	100	Lower	Upper
128	43.7	34.6	51.8
54	56.5	45.3	67.9



#24
 Nitrobenzene
 Concen: 39.654 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG037491.D
 Acq: 24 Oct 2018 00:43

Tgt Ion	77	Resp	229117
Ion Ratio	100	Lower	Upper
123	45.6	33.6	50.4
65	12.8	11.3	16.9





#25

Isophorone

Concen: 39.858 ng

RT: 9.85 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

Instrument :

BNA_G

ClientSampleId :

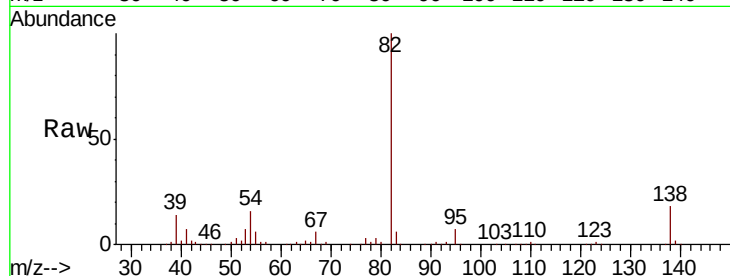
Tot Ion: 82 Resp: 405047

Ion Ratio Lower Upper

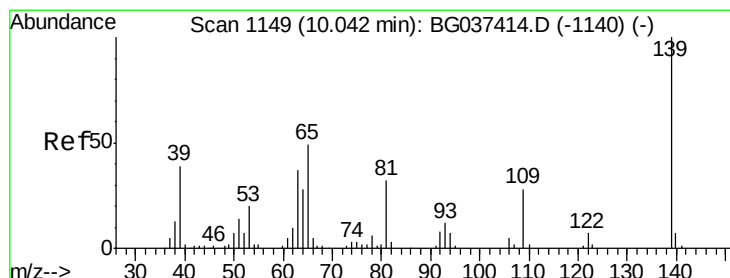
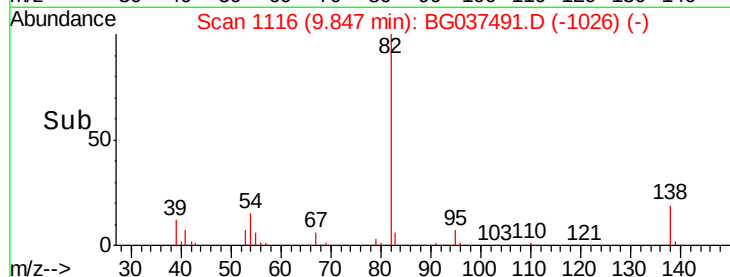
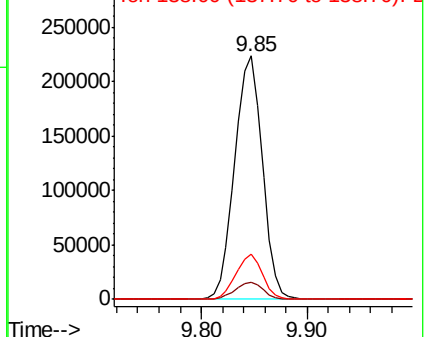
82 100

95 6.9 5.3 7.9

138 18.4 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: 41.318 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

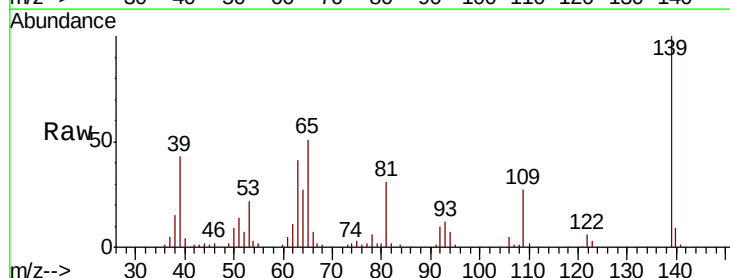
Tgt Ion: 139 Resp: 107545

Ion Ratio Lower Upper

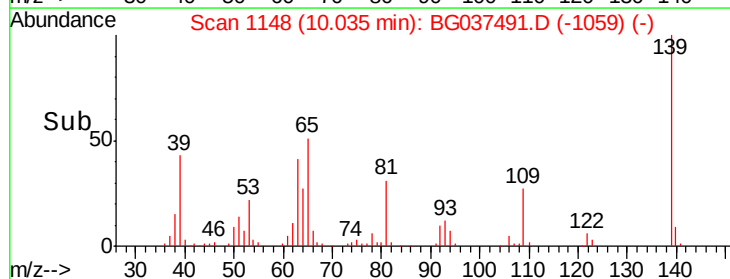
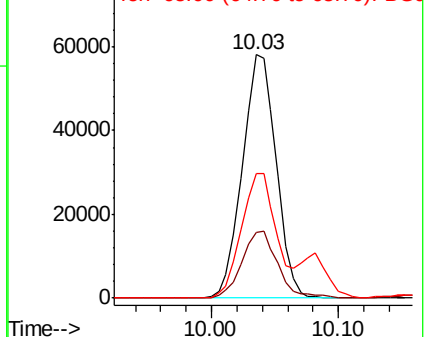
139 100

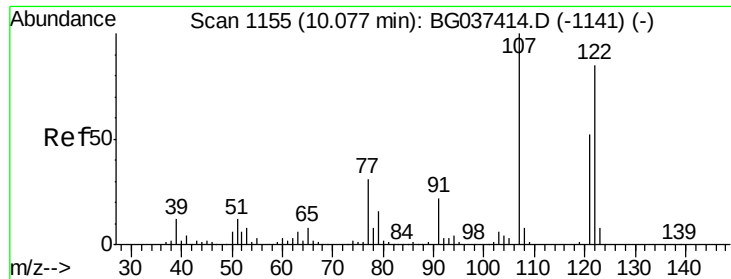
109 26.8 23.3 34.9

65 51.3 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

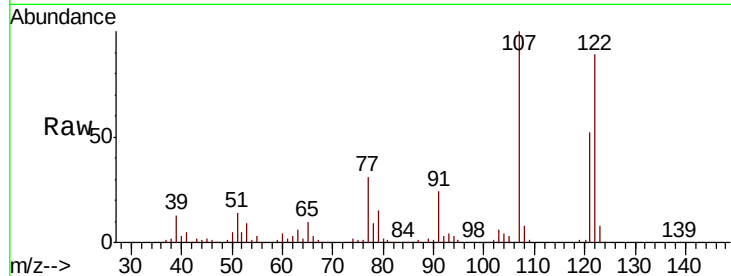




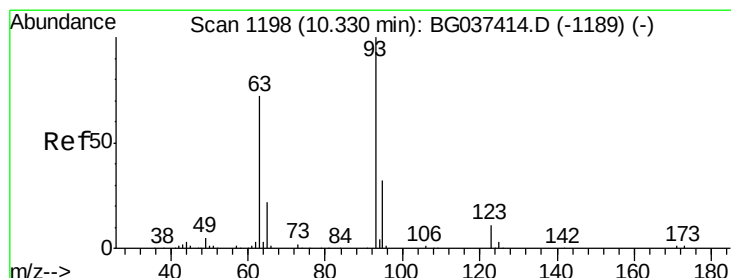
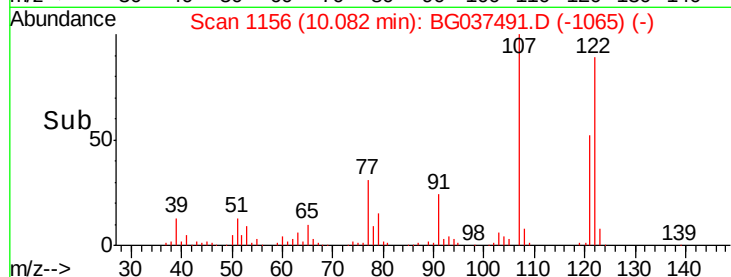
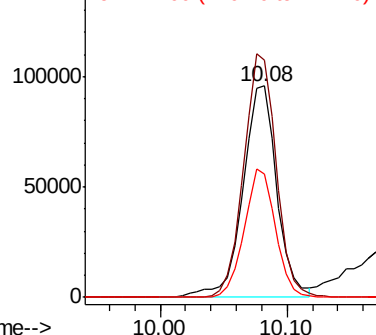
#27
 2,4-Dimethylphenol
 Concen: 38.383 ng
 RT: 10.08 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BG037491.D
 Acq: 24 Oct 2018 00:43

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 178381
 Ion Ratio Lower Upper
 122 100
 107 112.2 94.2 141.2
 121 58.7 47.3 70.9

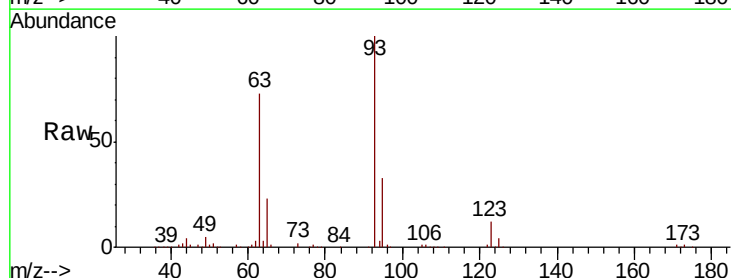


Abundance Ion 122.00 (121.70 to 122.70): E
 150000 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

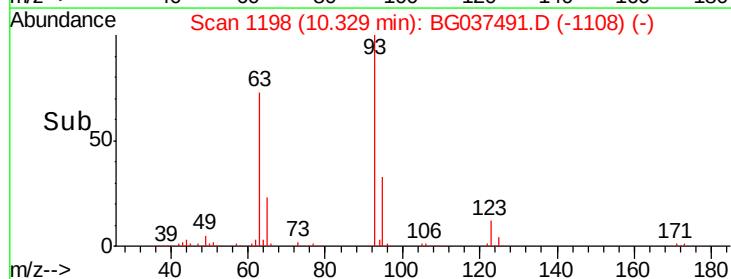
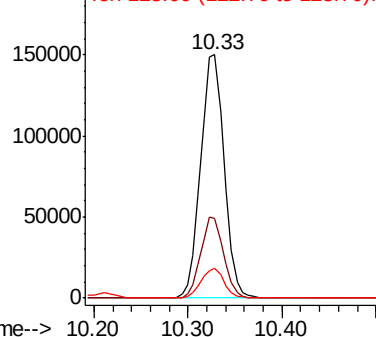


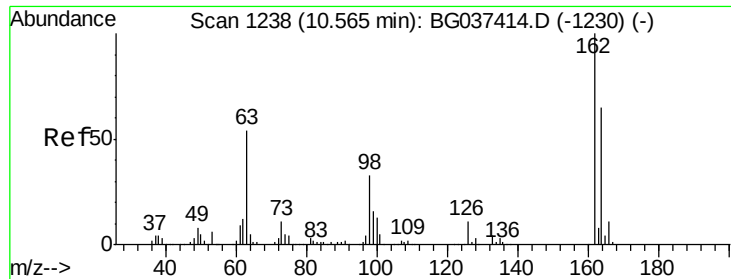
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.150 ng
 RT: 10.33 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BG037491.D
 Acq: 24 Oct 2018 00:43

Tgt Ion: 93 Resp: 260668
 Ion Ratio Lower Upper
 93 100
 95 32.7 24.6 37.0
 123 12.2 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
 200000 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

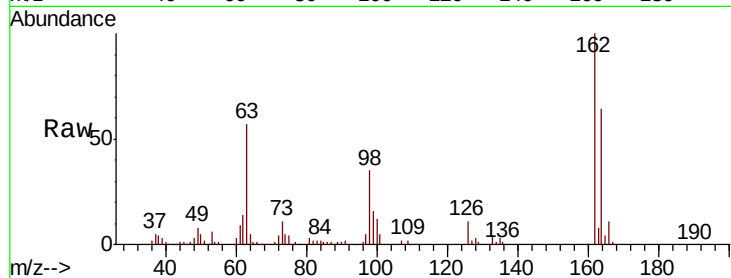




#29
 2,4-Dichlorophenol
 Concen: 37.876 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037491.D
 Acq: 24 Oct 2018 00:43

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.2	83.2
98	35.1	16.0	56.0

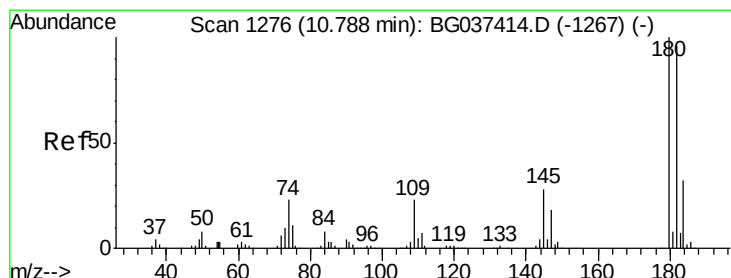
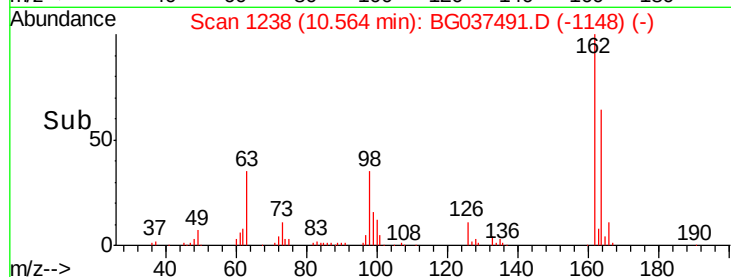
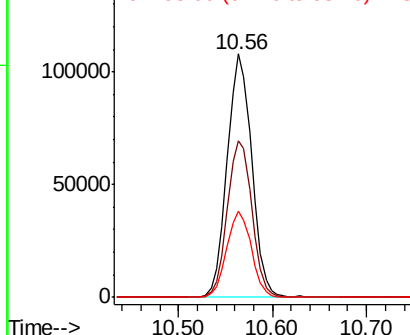


Abundance

Ion 162.00 (161.70 to 162.70): E

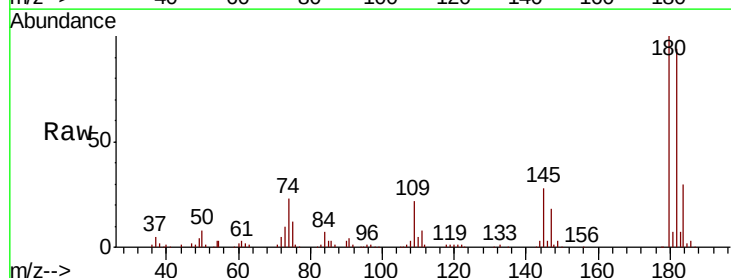
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 38.538 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG037491.D
 Acq: 24 Oct 2018 00:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.7	116.5
145	27.8	23.3	34.9

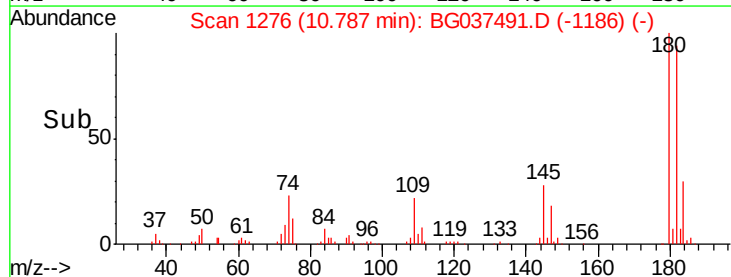
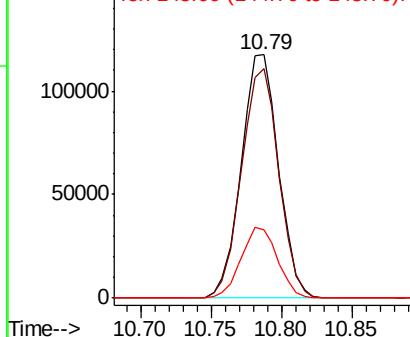


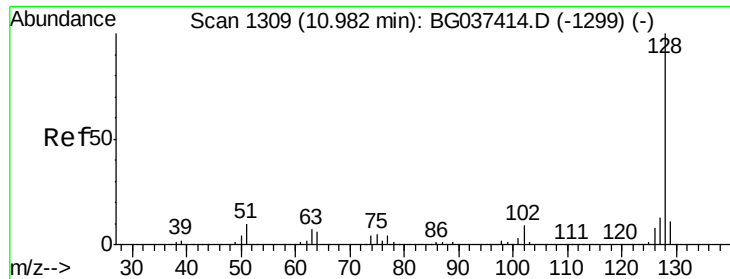
Abundance

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

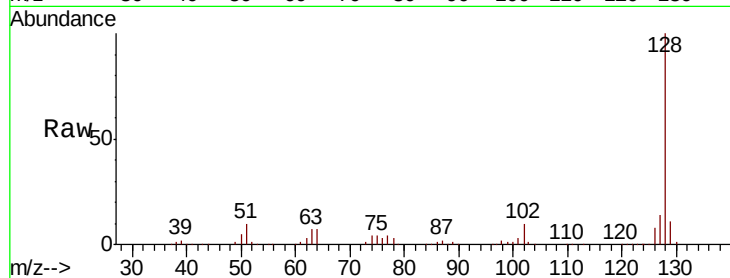




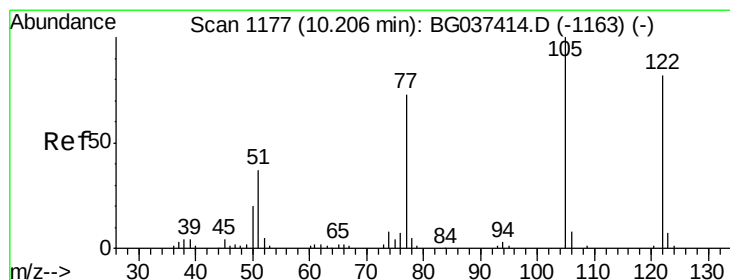
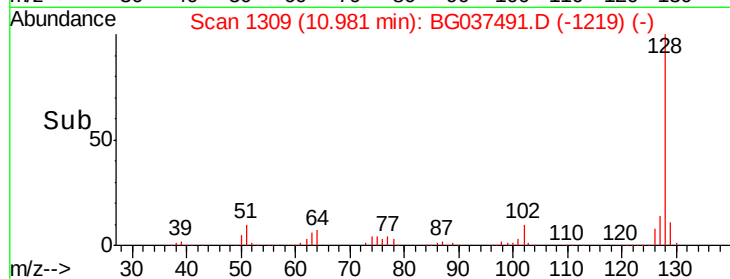
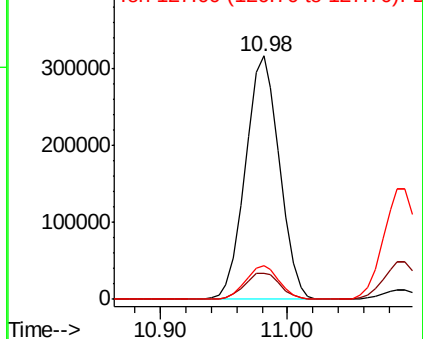
#31
Naphthalene
Concen: 38.453 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 588462
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.9 11.1 16.7

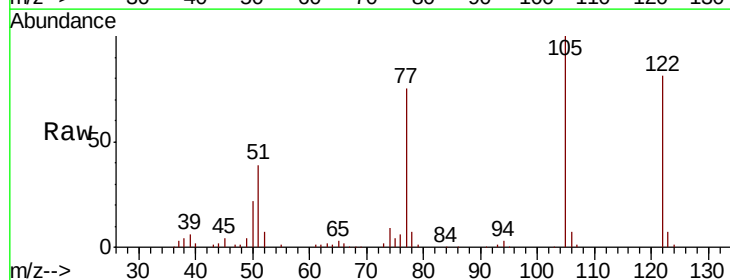


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

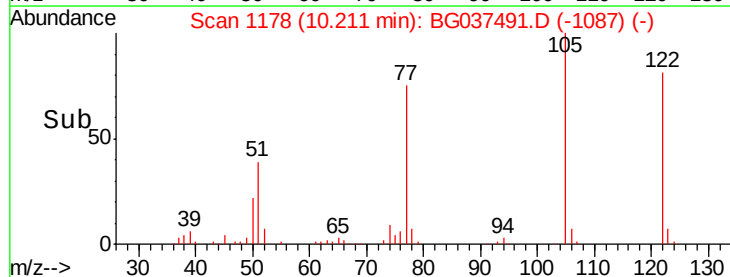
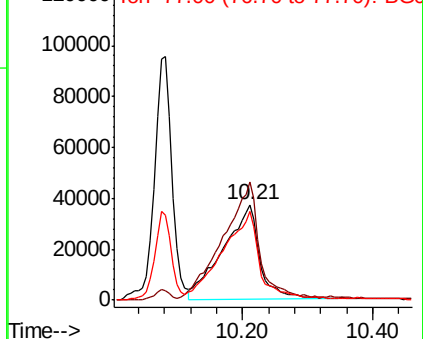


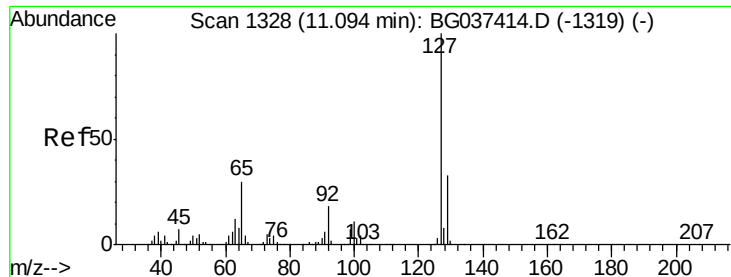
#32
Benzoic acid
Concen: 47.313 ng
RT: 10.21 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

Tgt Ion:122 Resp: 142816
Ion Ratio Lower Upper
122 100
105 124.0 106.7 146.7
77 93.2 72.2 112.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

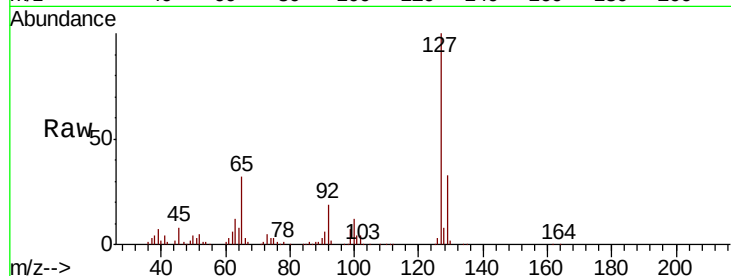




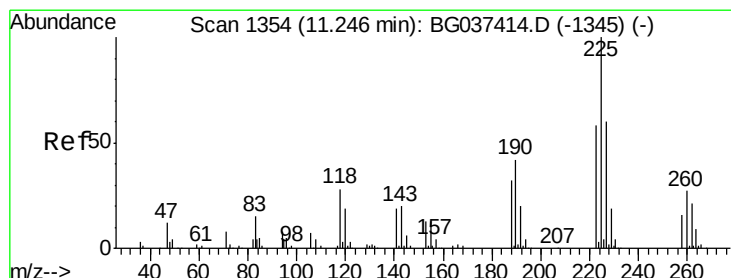
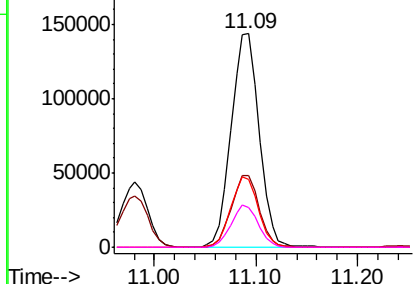
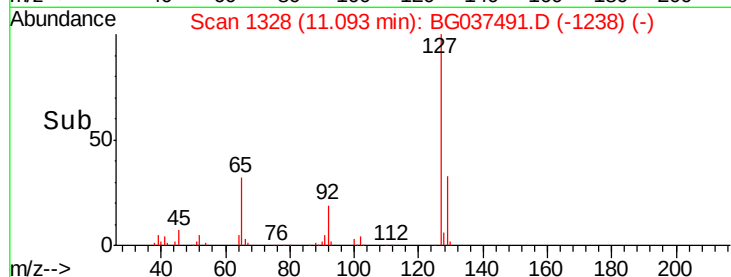
#33
4-Chloroaniline
Concen: 38.361 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	275832
Ion	Ratio	Lower	Upper
127	100		
129	33.3	27.1	40.7
65	31.8	26.6	39.8
92	18.7	16.4	24.6

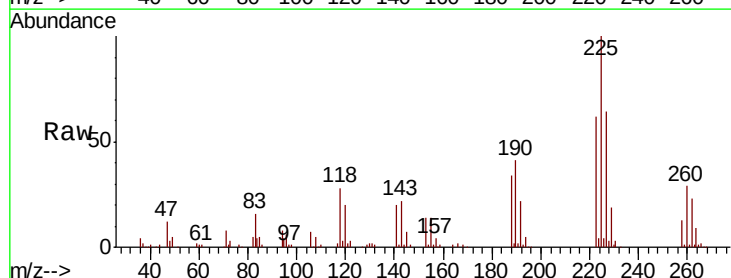


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

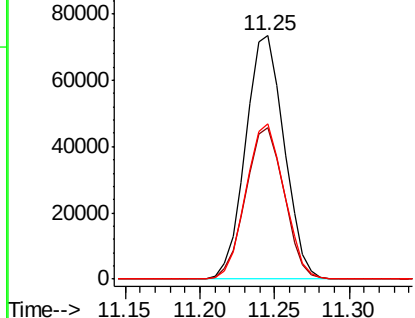
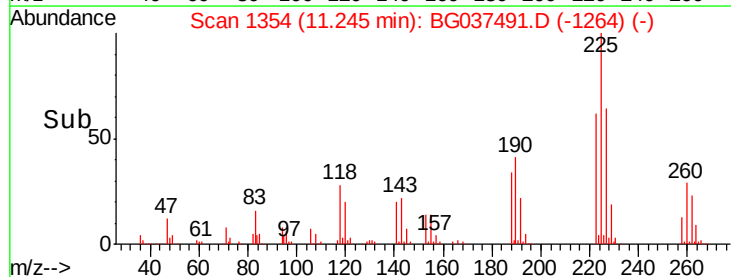


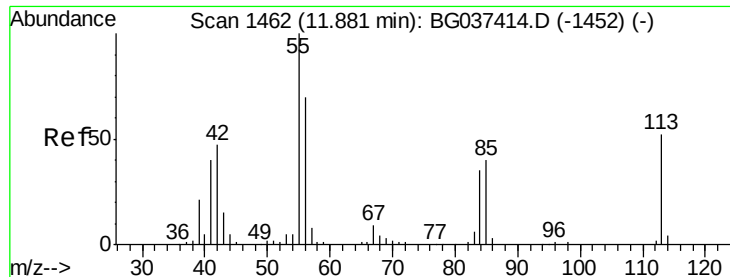
#34
Hexachlorobutadiene
Concen: 39.321 ng
RT: 11.25 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

Tgt Ion:	225	Resp:	131136
Ion	Ratio	Lower	Upper
225	100		
223	59.8	48.2	72.4
227	64.1	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

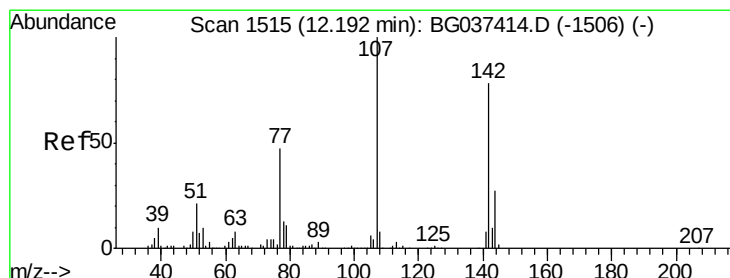
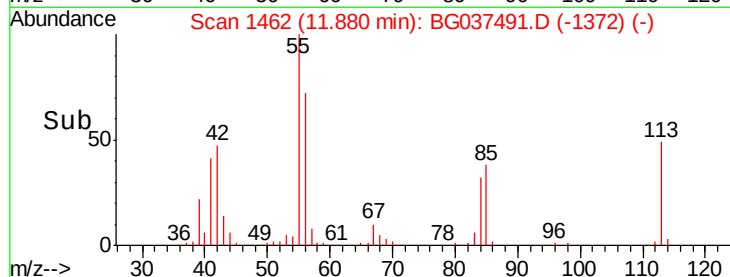
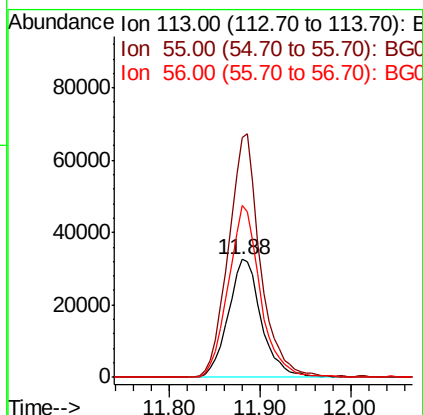
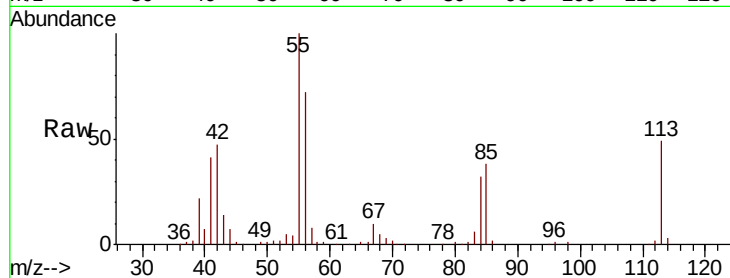




#35
 Caprolactam
 Concen: 39.772 ng
 RT: 11.88 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BG037491.D
 Acq: 24 Oct 2018 00:43

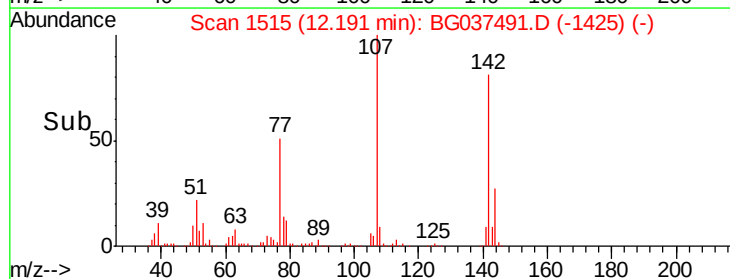
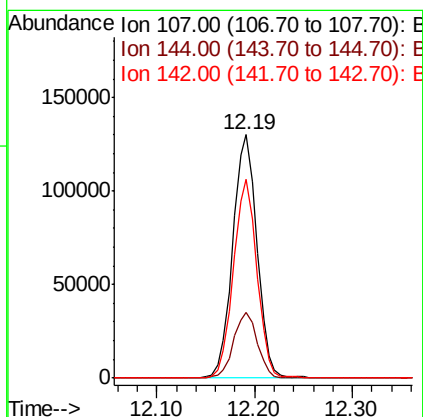
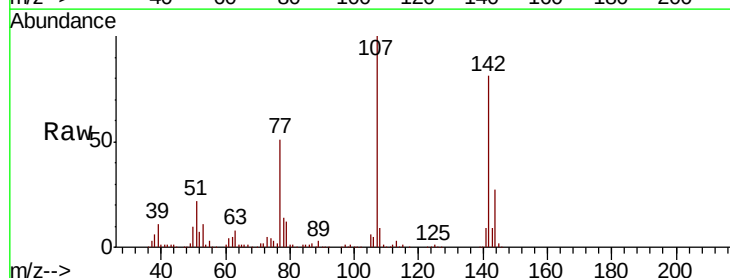
Instrument :
 BNA_G
 ClientSampled :

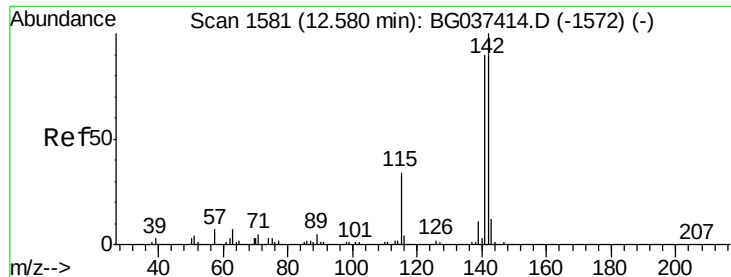
Tot Ion:113 Resp: 82538
 Ion Ratio Lower Upper
 113 100
 55 203.4 176.6 216.6
 56 146.0 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 38.618 ng
 RT: 12.19 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BG037491.D
 Acq: 24 Oct 2018 00:43

Tgt Ion:107 Resp: 225358
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.7 31.1
 142 81.5 64.4 96.6

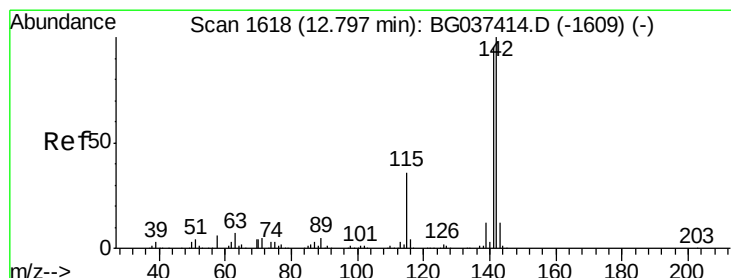
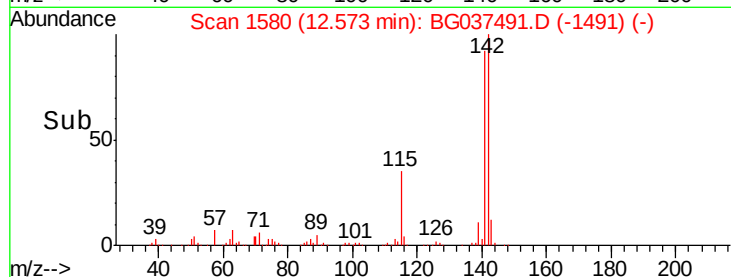
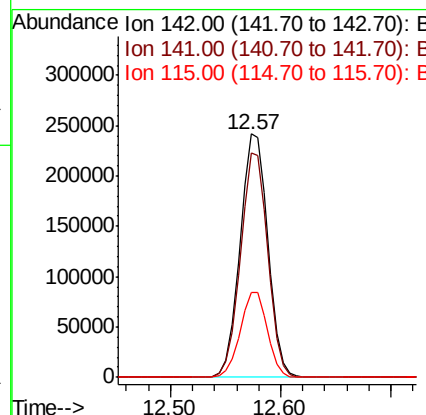
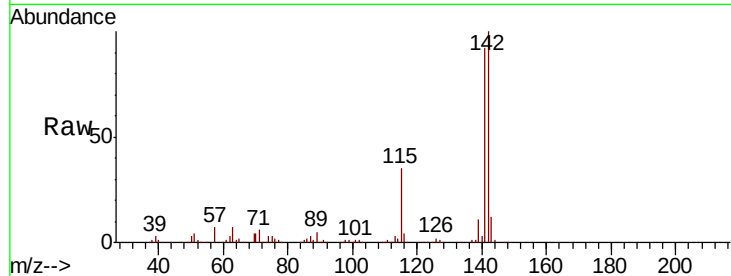




#37
 2-Methylnaphthalene
 Concen: 38.248 ng
 RT: 12.57 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BG037491.D
 Acq: 24 Oct 2018 00:43

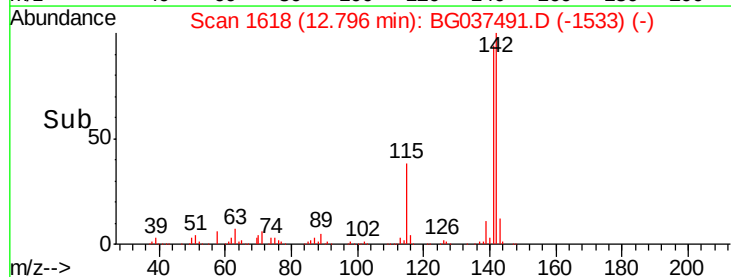
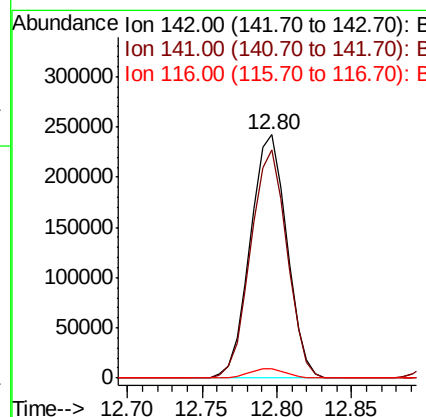
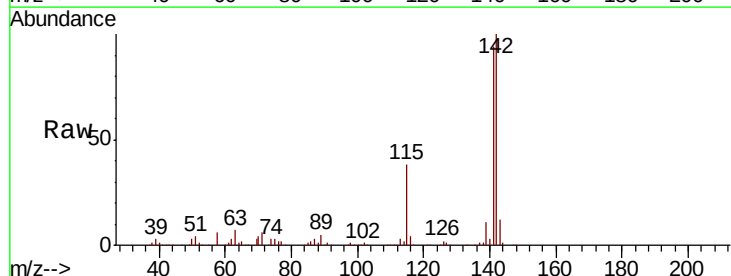
Instrument :
 BNA_G
 ClientSampleId :

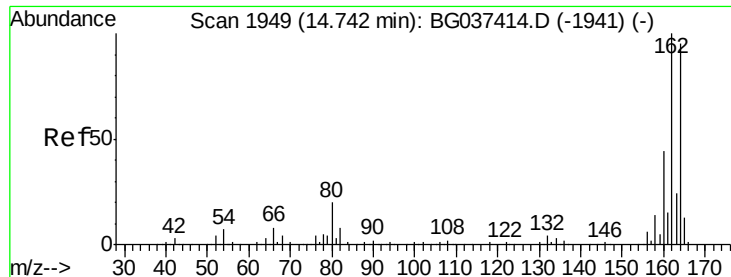
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	71.9	107.9
115	34.9	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 37.913 ng
 RT: 12.80 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BG037491.D
 Acq: 24 Oct 2018 00:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	75.2	112.8
116	3.6	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

Instrument :

BNA_G

ClientSampleId :

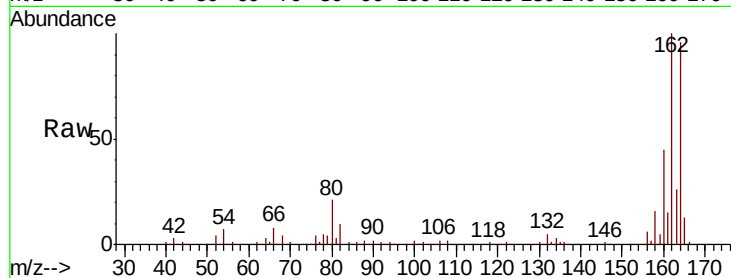
Tot Ion:164 Resp: 199693

Ion Ratio Lower Upper

164 100

162 104.4 81.3 121.9

160 46.7 36.3 54.5

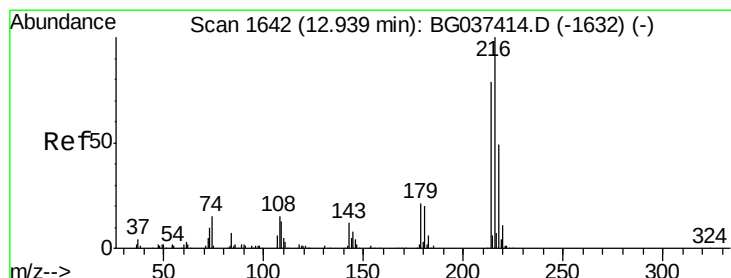
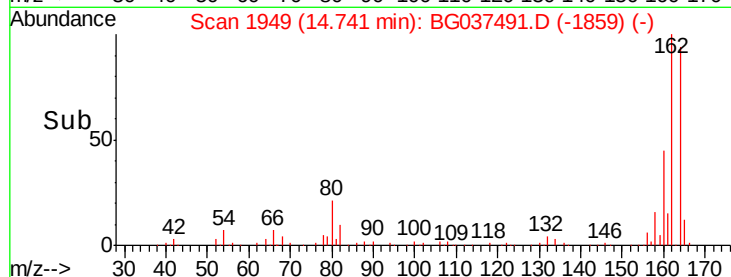
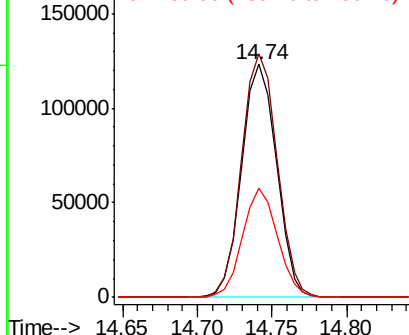


Abundance

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: 38.402 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

Tgt Ion:216 Resp: 247356

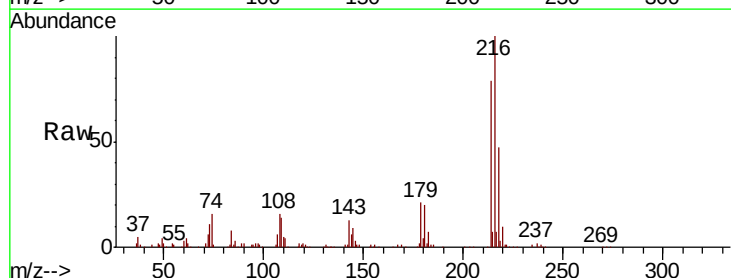
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.6

179 20.8 17.4 26.0

108 17.6 13.9 20.9



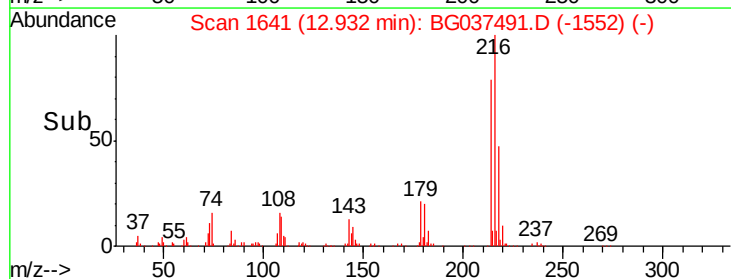
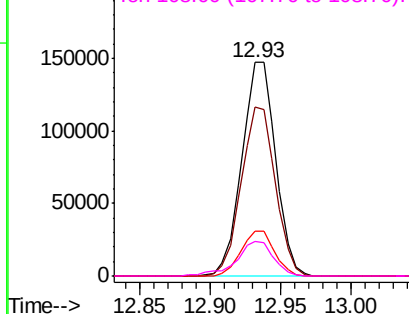
Abundance

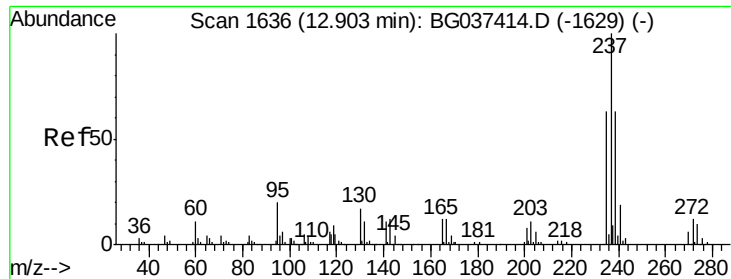
Ion 216.00 (215.70 to 216.70): E

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

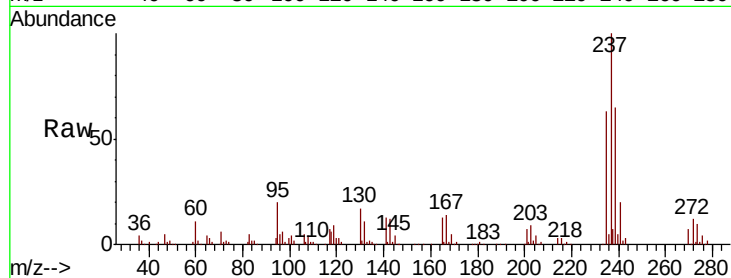




#41
Hexachlorocyclopentadiene
Concen: 39.079 ng
RT: 12.90 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.0	42.5	82.5
272	12.0	0.0	31.6

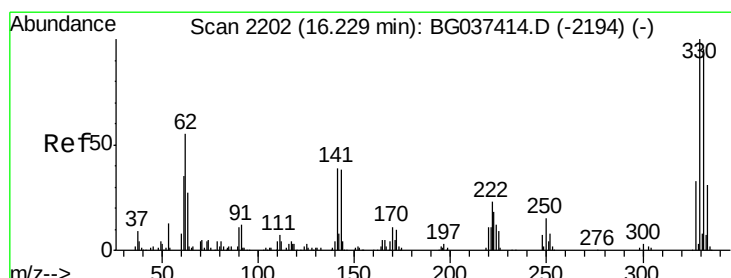
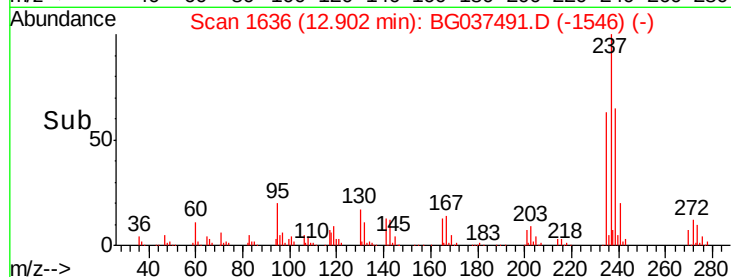
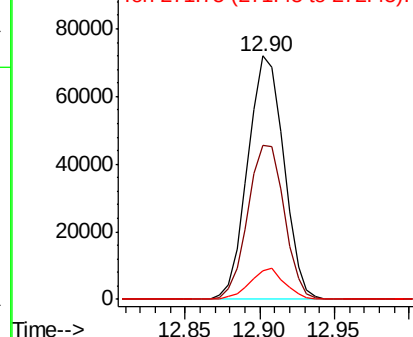


Abundance

Ion 236.80 (236.50 to 237.50): E

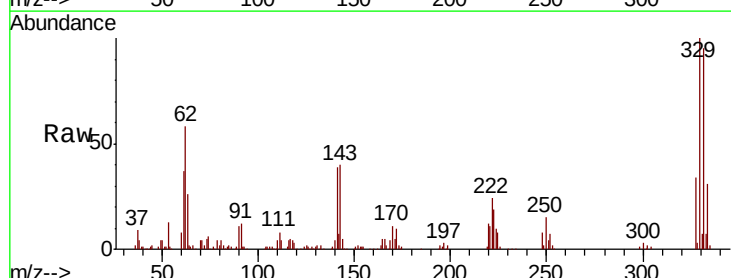
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 78.132 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	78.4	117.6
141	40.2	32.2	48.2

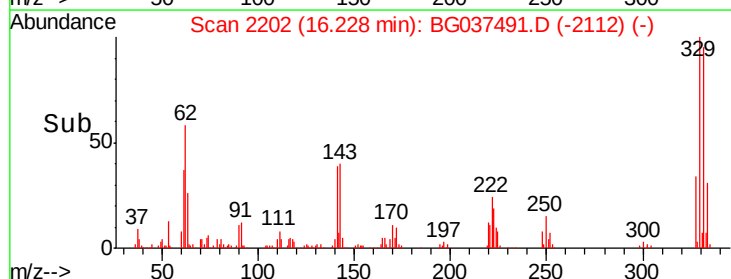
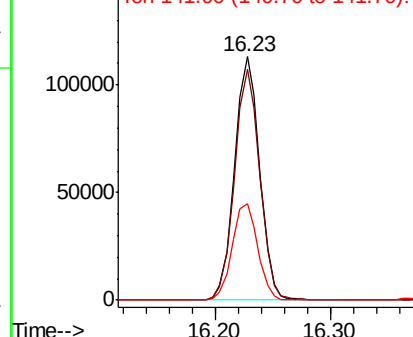


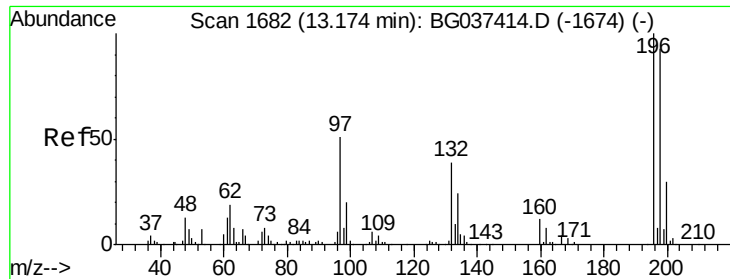
Abundance

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

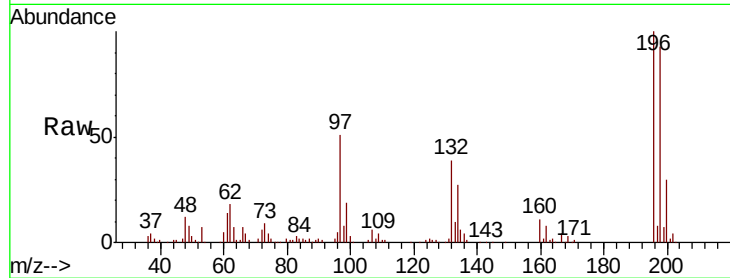




#43
 2,4,6-Trichlorophenol
 Concen: 40.043 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037491.D
 Acq: 24 Oct 2018 00:43

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 172313
 Ion Ratio Lower Upper
 196 100
 198 92.7 76.4 114.6
 200 30.3 24.9 37.3

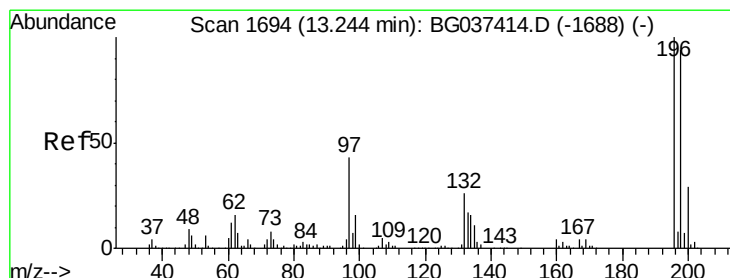
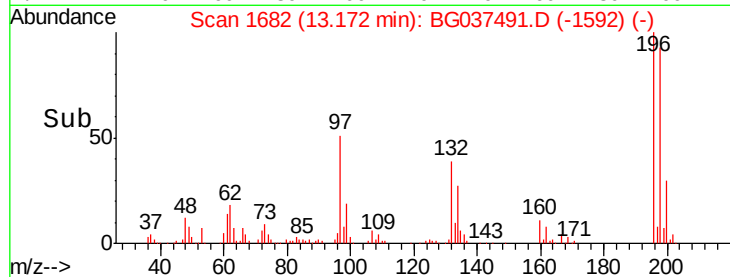
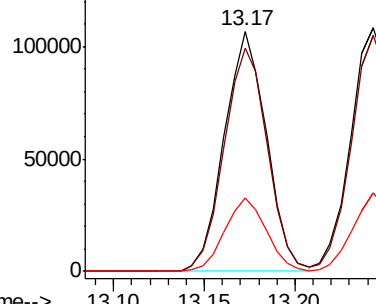


Abundance

Ion 196.00 (195.70 to 196.70): E

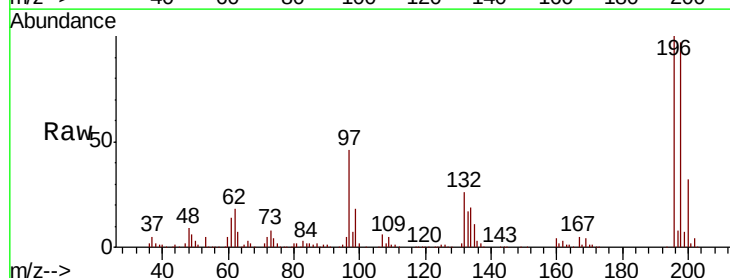
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 38.578 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037491.D
 Acq: 24 Oct 2018 00:43

Tgt Ion:196 Resp: 180749
 Ion Ratio Lower Upper
 196 100
 198 96.8 74.2 111.2
 97 45.9 34.1 51.1
 132 25.6 20.2 30.4



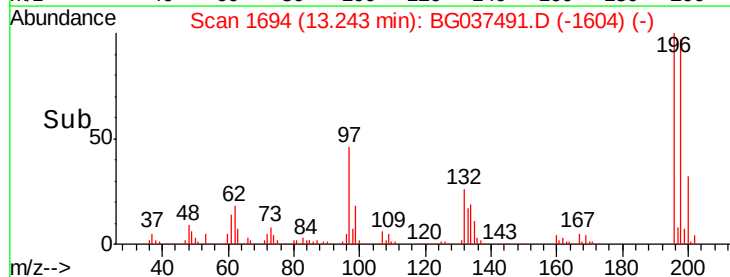
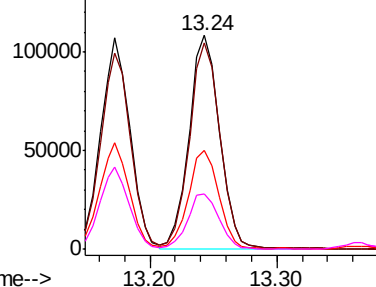
Abundance

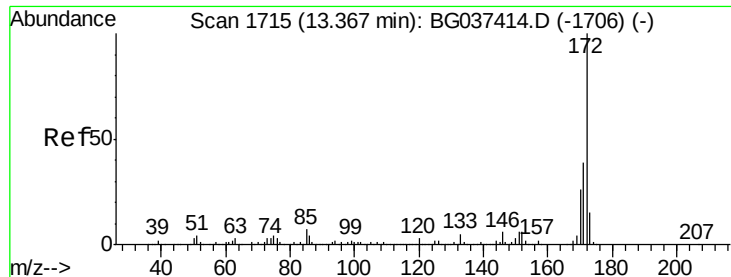
Ion 196.00 (195.70 to 196.70): E

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

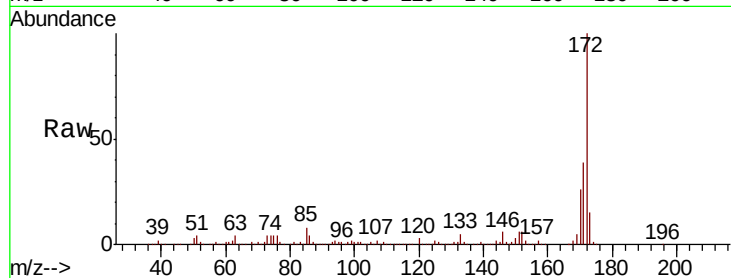




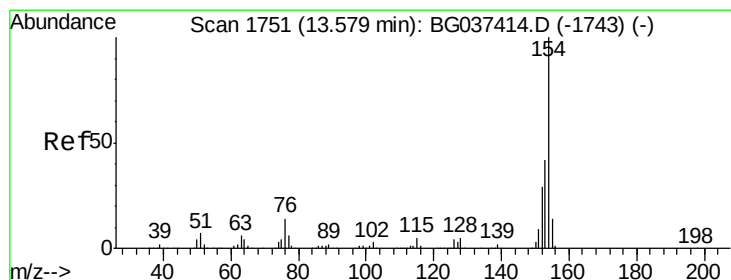
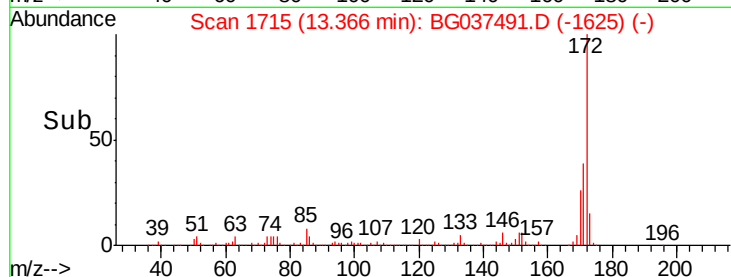
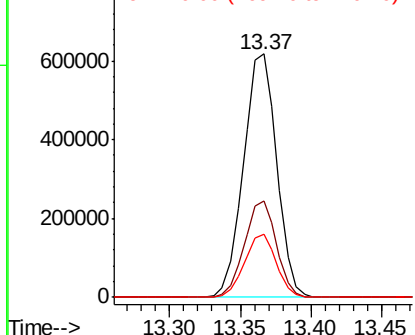
#45
2-Fluorobiphenyl
Concen: 76.694 ng
RT: 13.37 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1015638
Ion Ratio Lower Upper
172 100
171 39.3 31.0 46.4
170 25.9 20.2 30.2

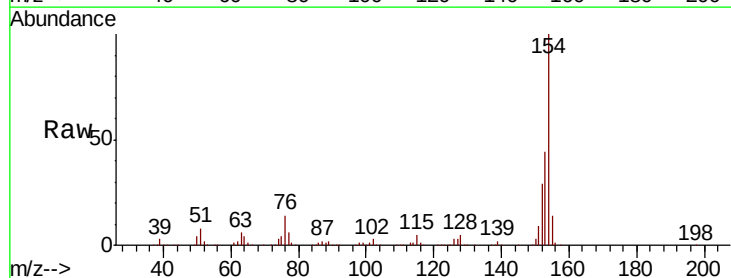


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

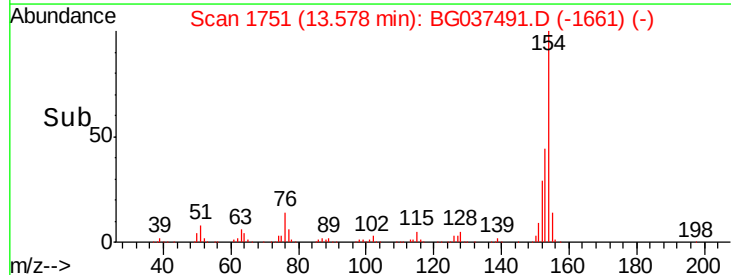
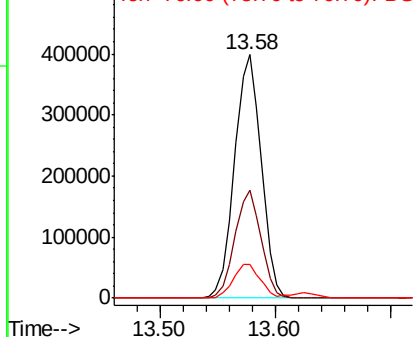


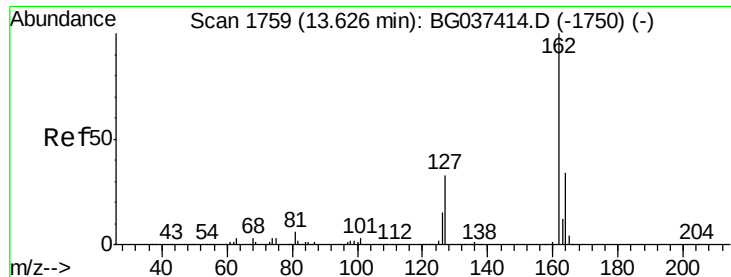
#46
1,1'-Biphenyl
Concen: 38.380 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

Tgt Ion:154 Resp: 634726
Ion Ratio Lower Upper
154 100
153 44.3 22.1 62.1
76 13.8 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

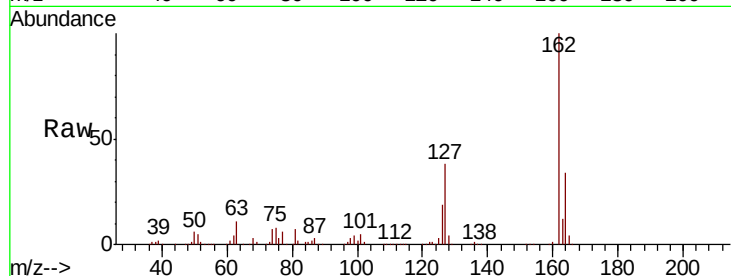




#47
 2-Chloronaphthalene
 Concen: 38.273 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG037491.D
 Acq: 24 Oct 2018 00:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	30.5	45.7
164	34.3	26.4	39.6

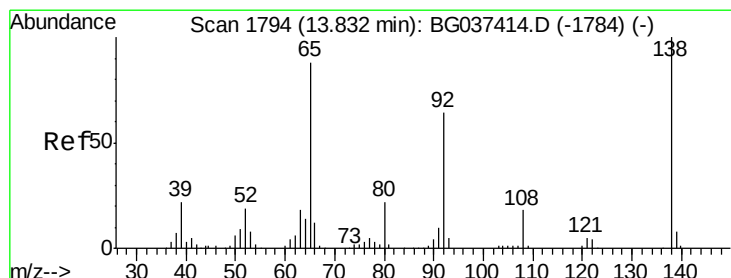
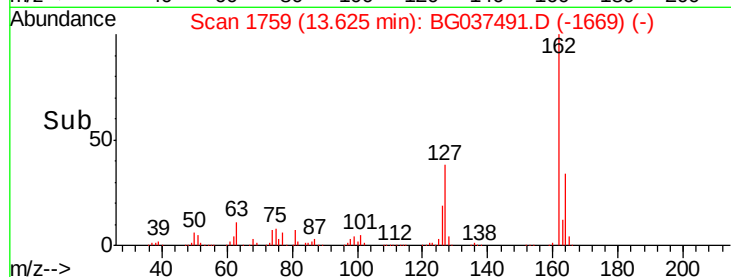
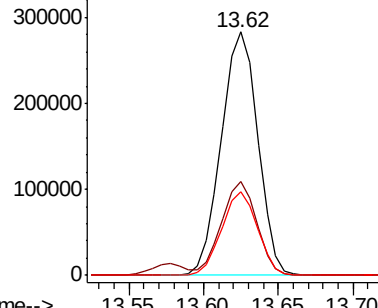


Abundance

Ion 162.00 (161.70 to 162.70): E

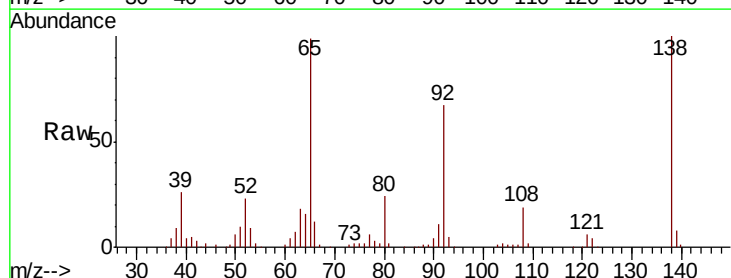
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 40.602 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG037491.D
 Acq: 24 Oct 2018 00:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	53.2	79.8
138	101.5	79.3	118.9

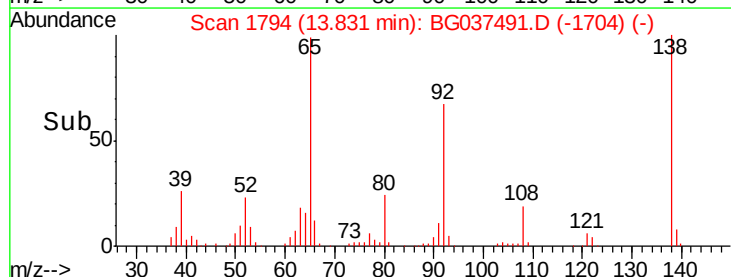
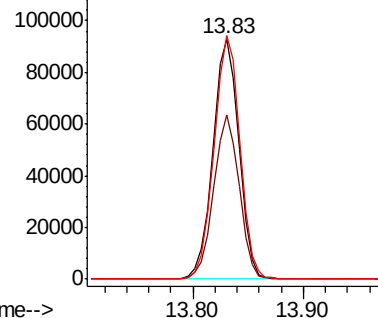


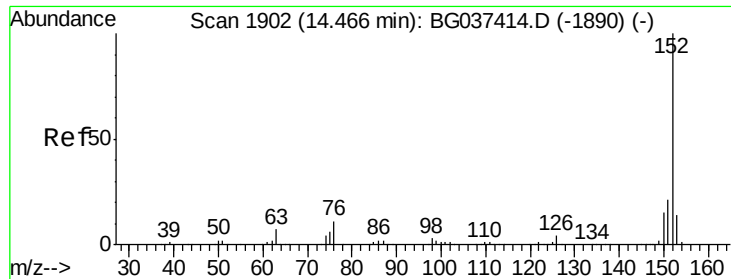
Abundance

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: 39.063 ng

RT: 14.47 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

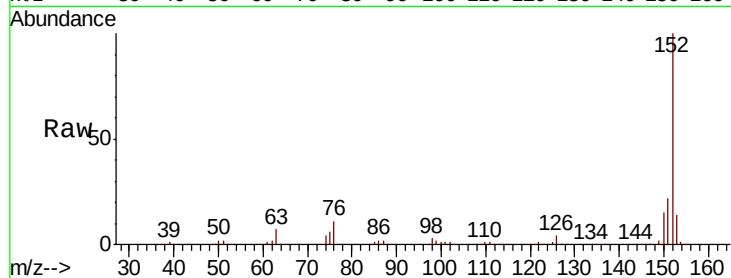
Instrument :

BNA_G

ClientSampled :

Tot Ion:152 Resp: 735204

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.1	25.7
153	13.8	11.1	16.7

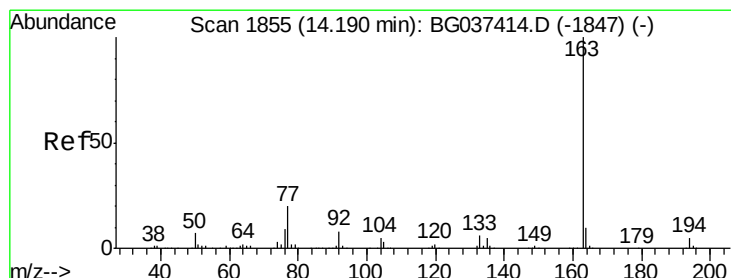
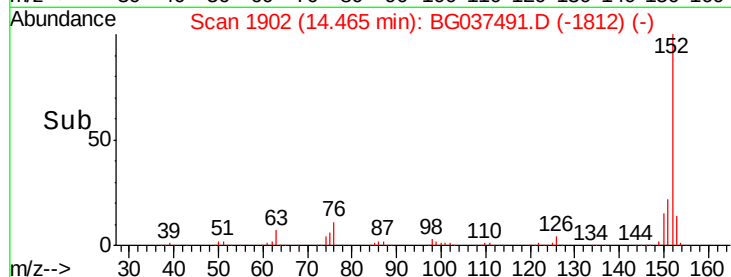
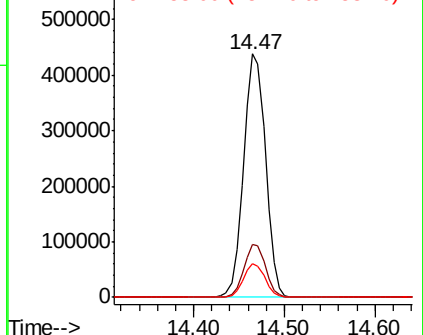


Abundance

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: 38.605 ng

RT: 14.19 min Scan# 1855

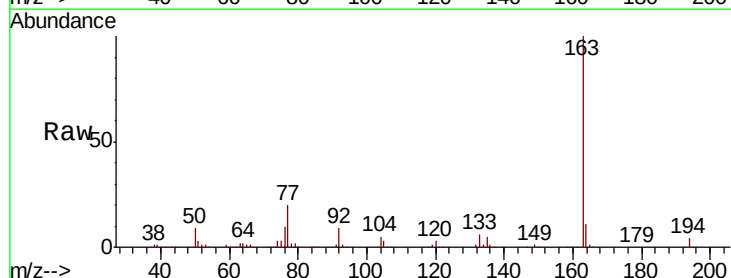
Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

Tgt Ion:163 Resp: 596389

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.9	8.5	12.7

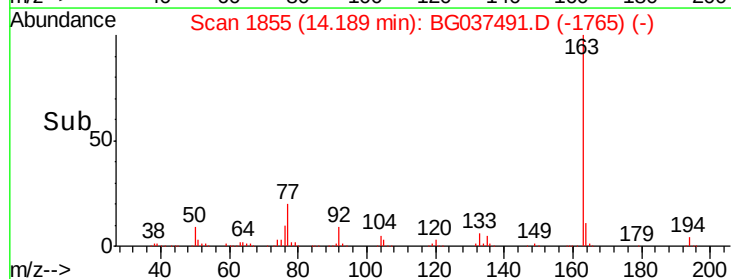
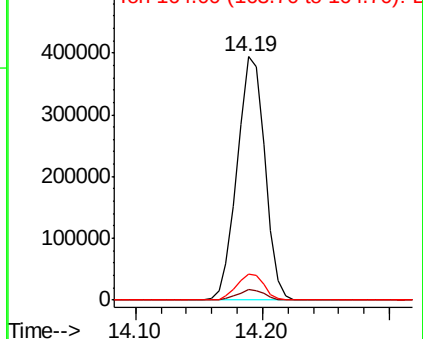


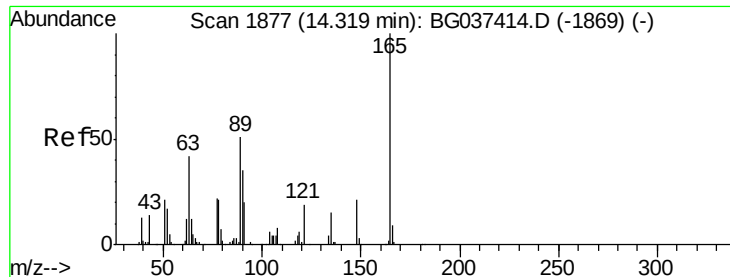
Abundance

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: 39.035 ng

RT: 14.32 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

Instrument :

BNA_G

ClientSampleId :

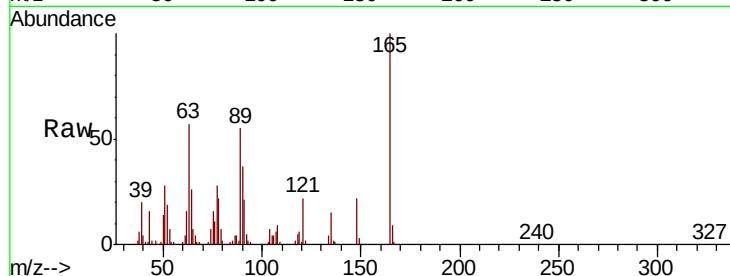
Tot Ion:165 Resp: 133403

Ion Ratio Lower Upper

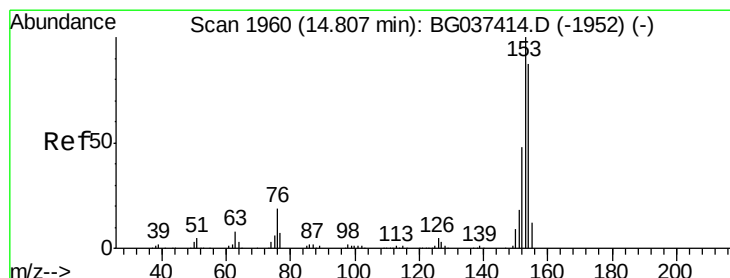
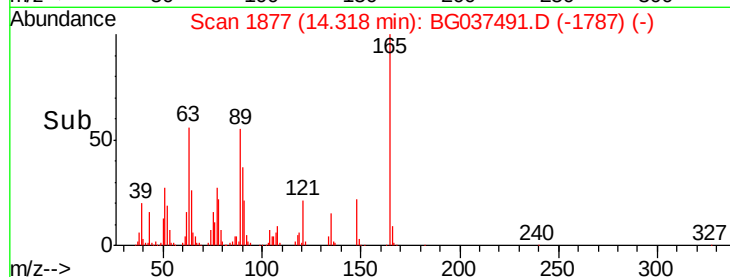
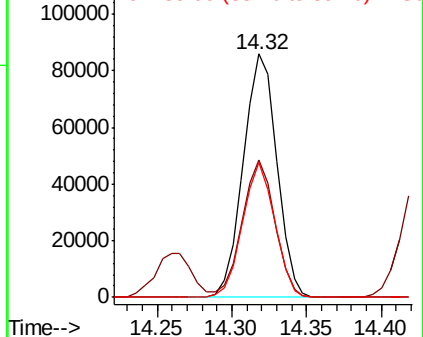
165 100

63 56.5 43.4 65.2

89 55.1 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO



#52

Acenaphthene

Concen: 38.822 ng

RT: 14.81 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

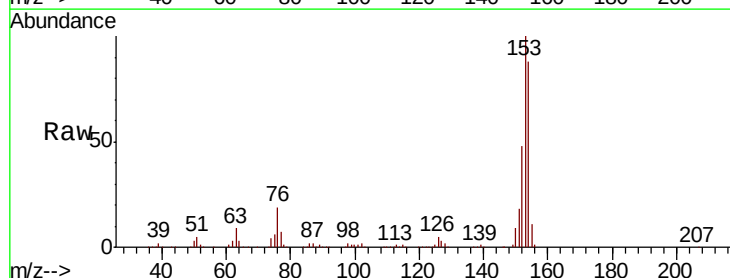
Tgt Ion:154 Resp: 449996

Ion Ratio Lower Upper

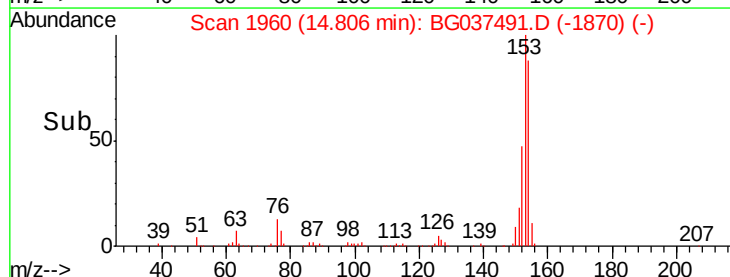
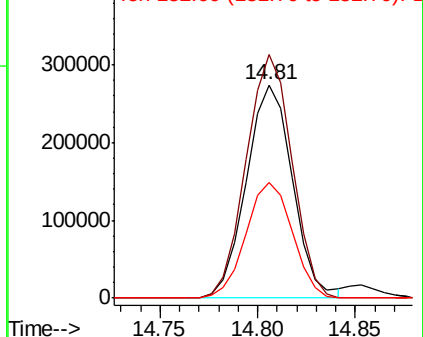
154 100

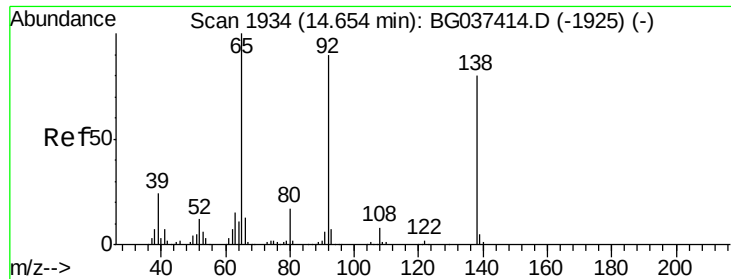
153 114.0 93.4 140.0

152 54.3 44.7 67.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

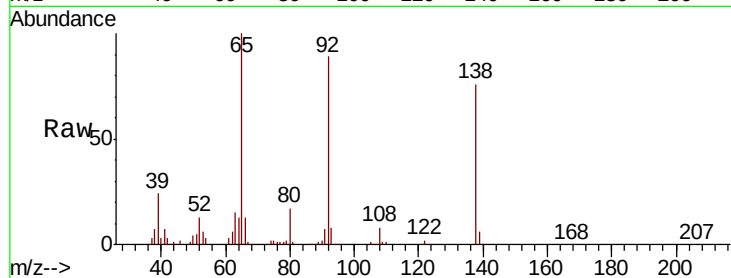




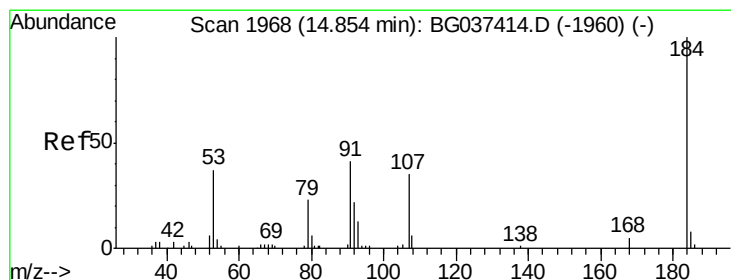
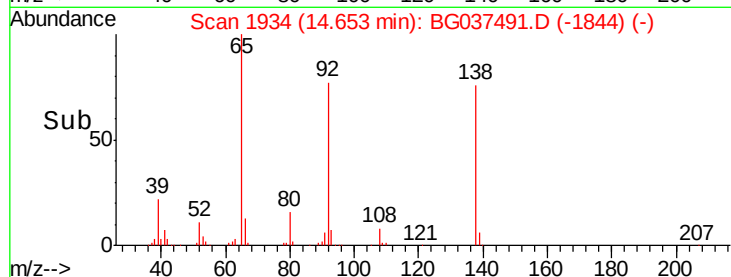
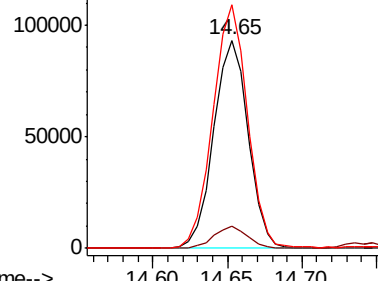
#53
3-Nitroaniline
Concen: 39.248 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

Instrument :
BNA_G
ClientSampleID :

Tot Ion:138 Resp: 148903
Ion Ratio Lower Upper
138 100
108 10.8 11.0 16.6#
92 117.2 95.2 142.8

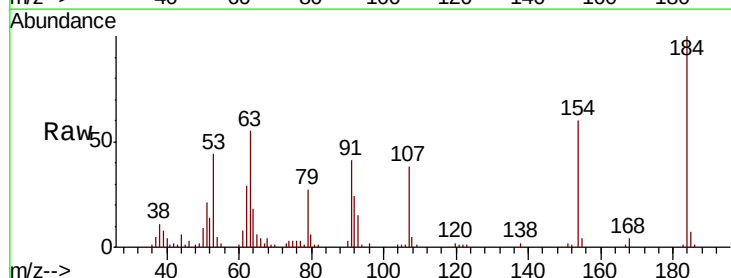


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

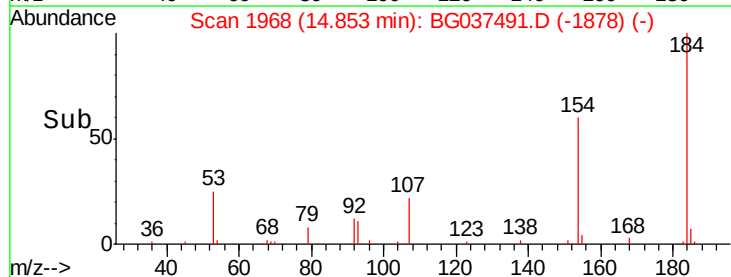
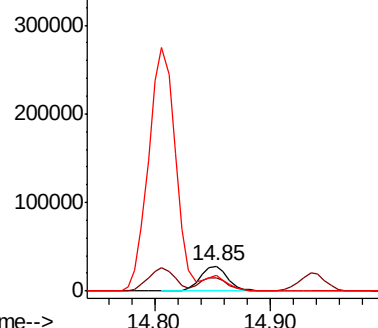


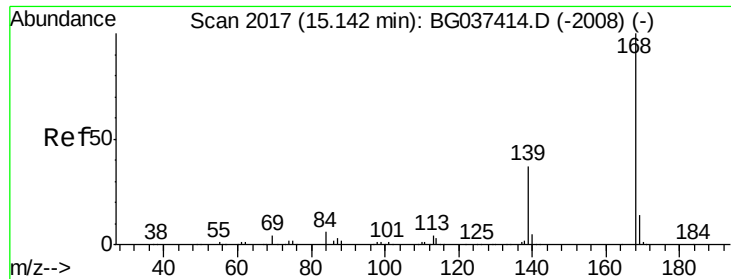
#54
2,4-Dinitrophenol
Concen: 45.008 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

Tgt Ion:184 Resp: 47740
Ion Ratio Lower Upper
184 100
63 54.6 42.6 63.8
154 59.9 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

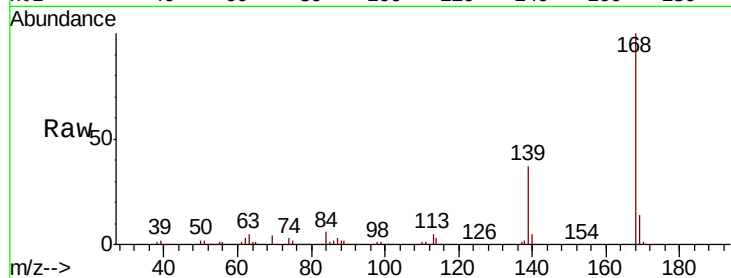




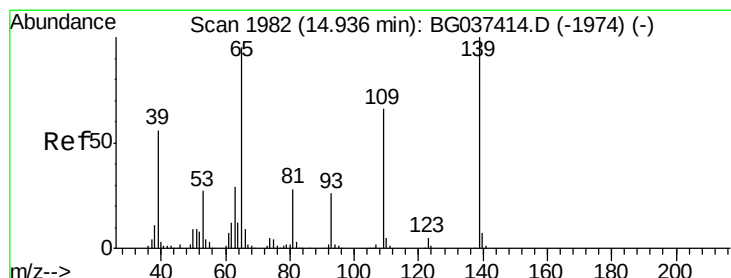
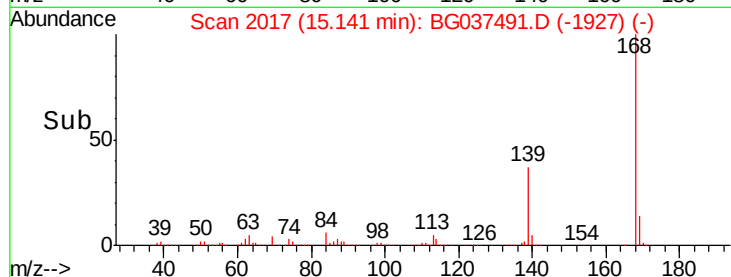
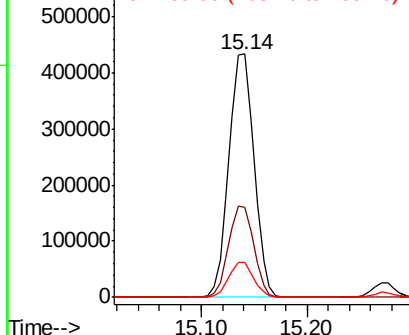
#55
Dibenzenofuran
Concen: 37.106 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 712618
Ion Ratio Lower Upper
168 100
139 37.0 29.4 44.0
169 14.5 11.0 16.6

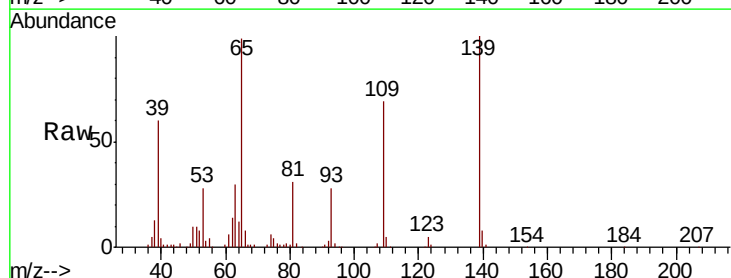


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

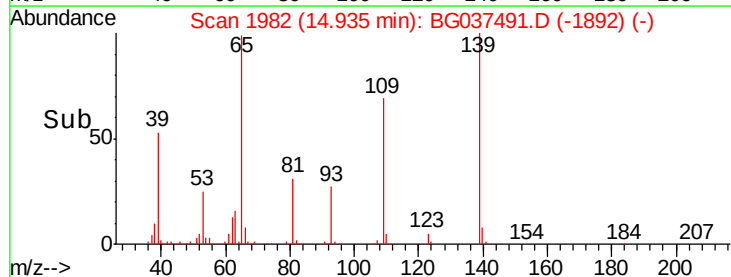
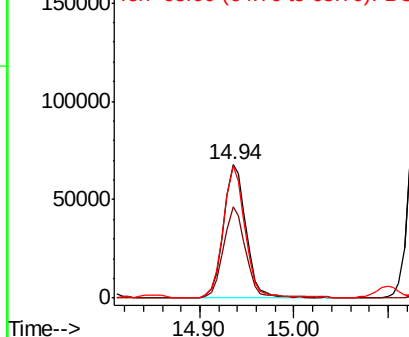


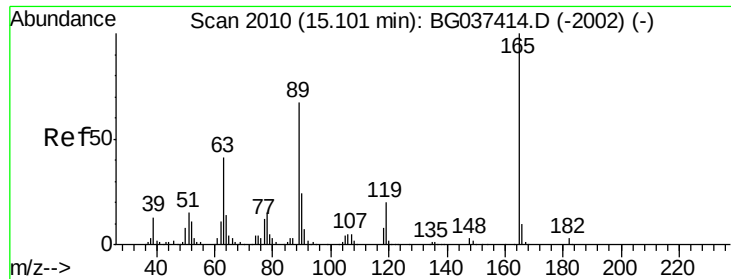
#56
4-Nitrophenol
Concen: 40.615 ng
RT: 14.94 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

Tgt Ion:139 Resp: 114057
Ion Ratio Lower Upper
139 100
109 68.7 49.5 89.5
65 99.5 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

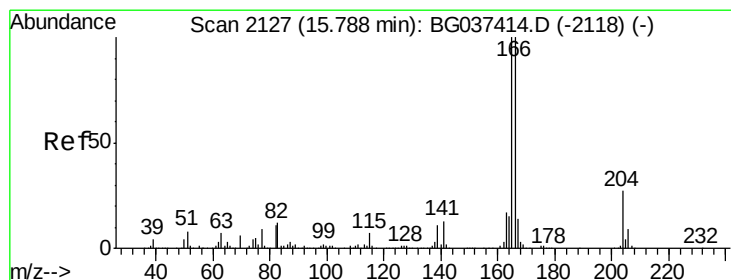
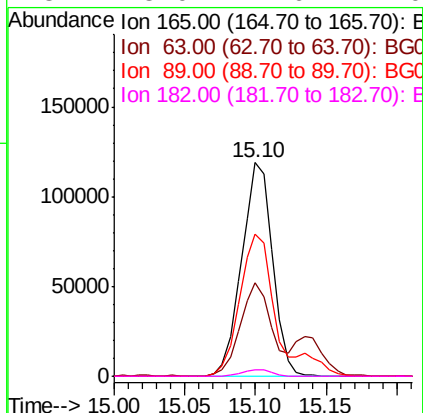
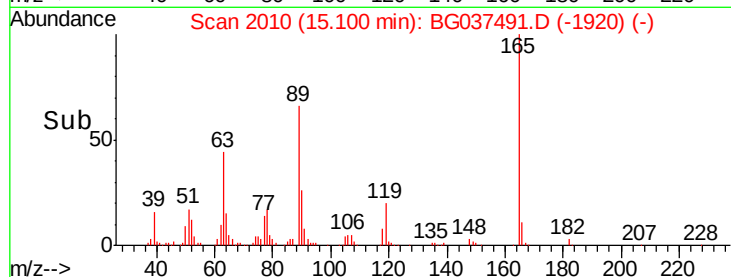
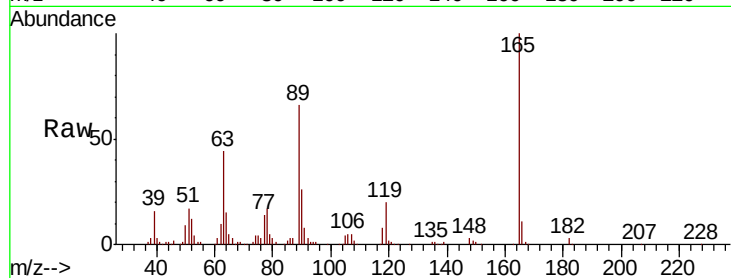




#57
2,4-Dinitrotoluene
Concen: 40.500 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

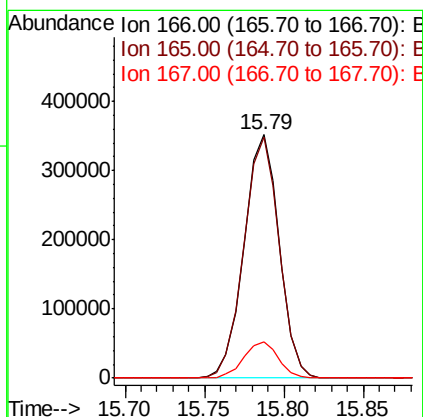
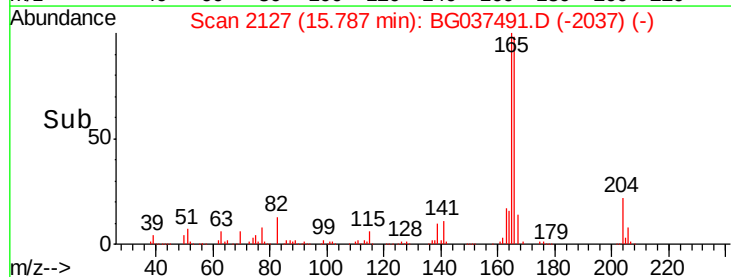
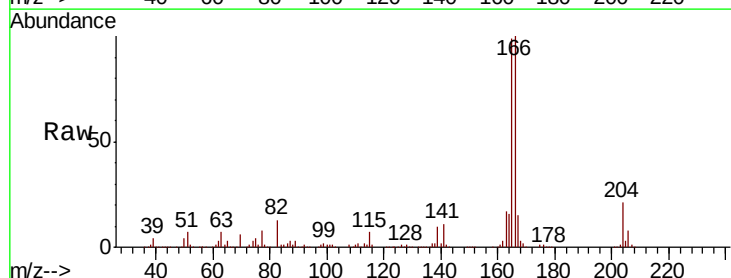
Instrument :
BNA_G
ClientSampleId :

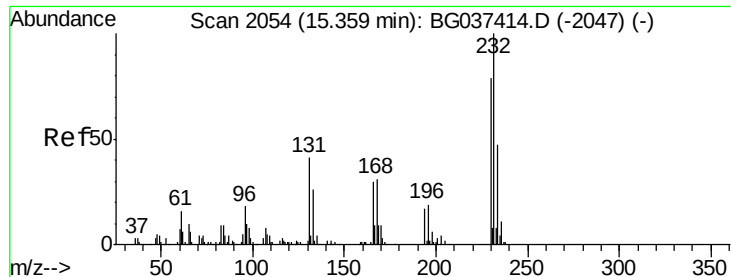
Tot Ion:165 Resp: 181688
Ion Ratio Lower Upper
165 100
63 43.9 33.4 50.0
89 66.4 57.2 85.8
182 3.0 2.6 4.0



#58
Fluorene
Concen: 37.649 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

Tgt Ion:166 Resp: 541451
Ion Ratio Lower Upper
166 100
165 99.1 79.0 118.6
167 14.9 11.3 16.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.580 ng

RT: 15.35 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

Instrument :

BNA_G

ClientSampled :

Tot Ion:232 Resp: 154766

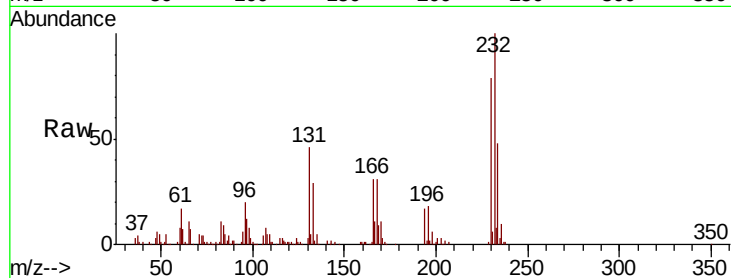
Ion Ratio Lower Upper

232 100

131 43.7 33.7 50.5

130 2.5 2.1 3.1

166 30.9 24.6 36.8

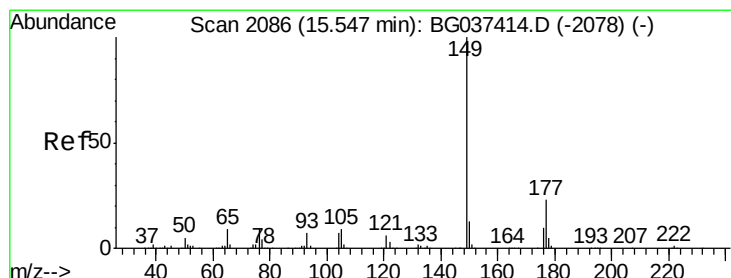
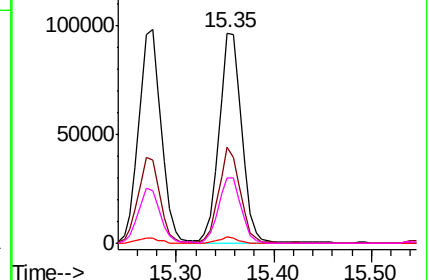
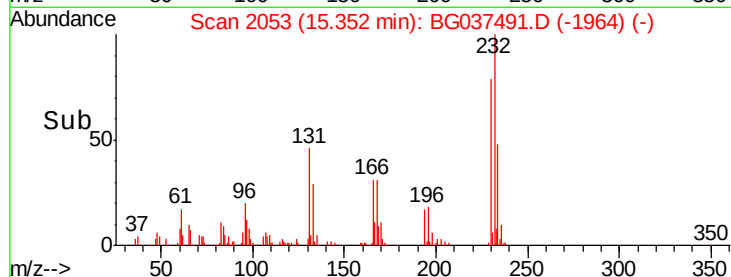


Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.958 ng

RT: 15.55 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

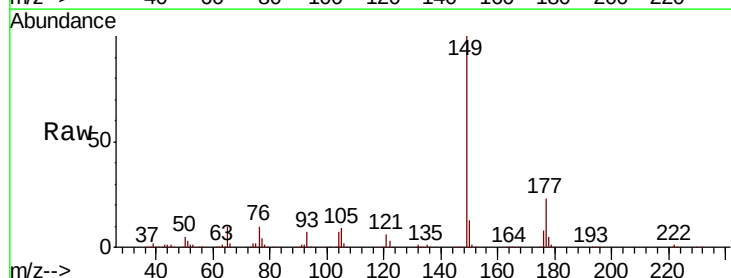
Tgt Ion:149 Resp: 617888

Ion Ratio Lower Upper

149 100

177 23.3 18.3 27.5

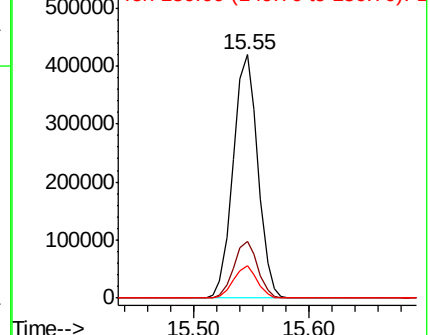
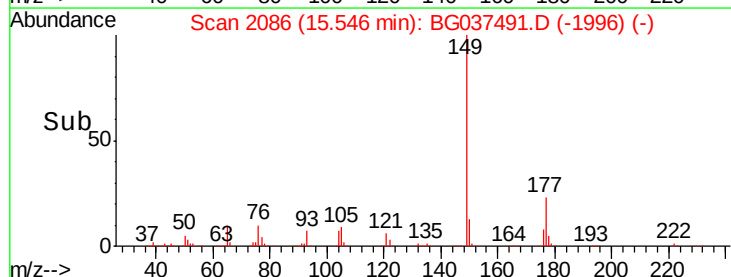
150 13.3 10.0 15.0

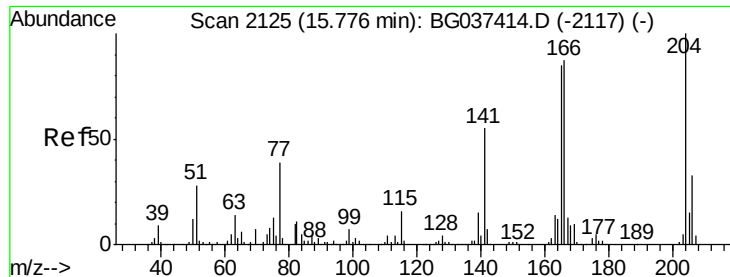


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

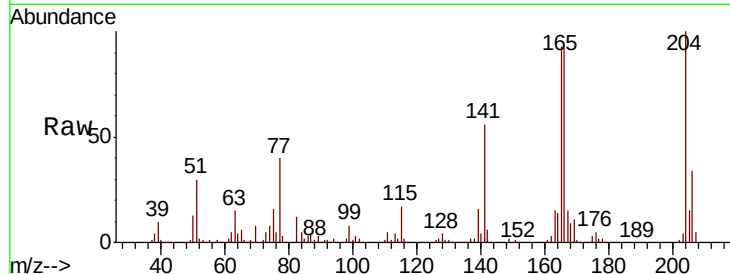




#61
4-Chlorophenyl-phenylether
Concen: 37.710 ng
RT: 15.78 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.6	39.8
141	55.6	45.4	68.2

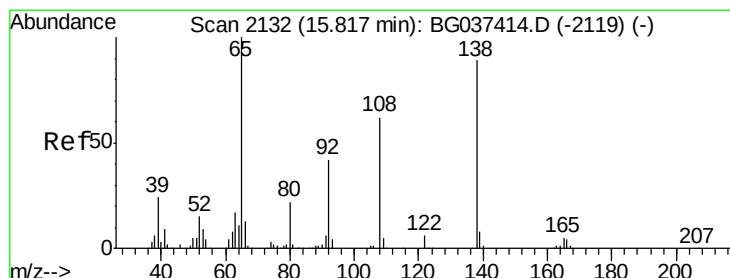
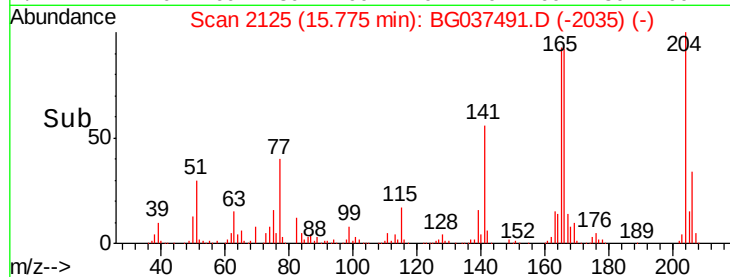
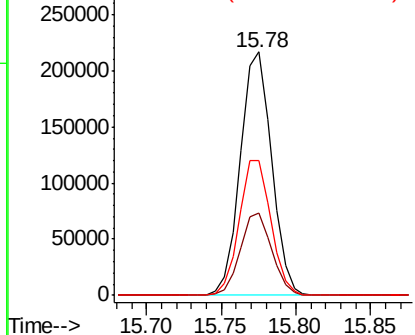


Abundance

Ion 204.00 (203.70 to 204.70): E

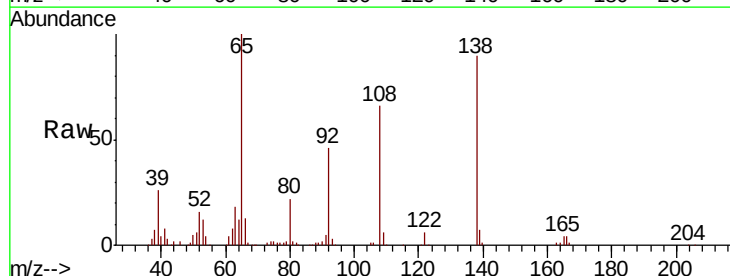
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.031 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	36.4	76.4
108	73.7	60.1	100.1

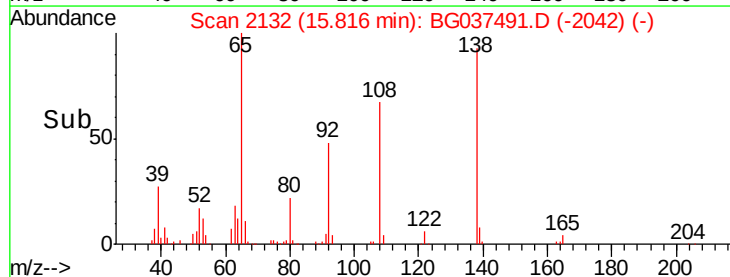
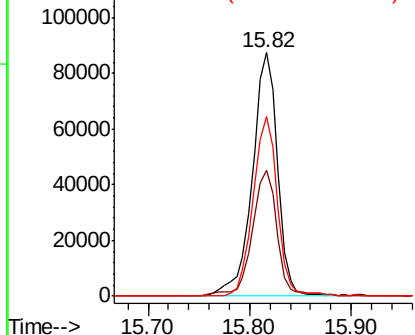


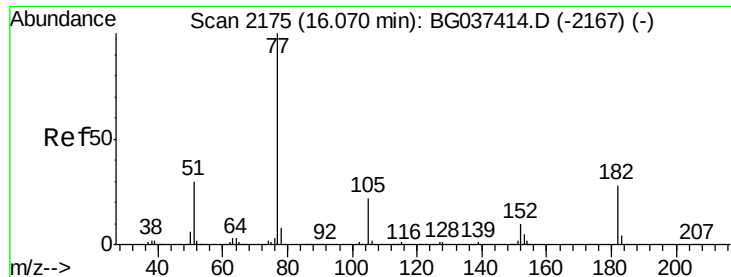
Abundance

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: 37.842 ng

RT: 16.06 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 572651

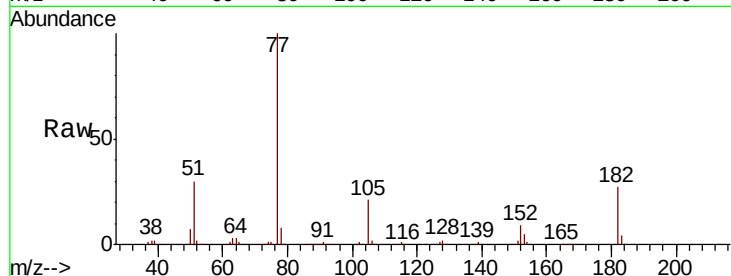
Ion Ratio Lower Upper

77 100

182 27.3 8.0 48.0

105 20.7 1.3 41.3

51 30.1 10.7 50.7

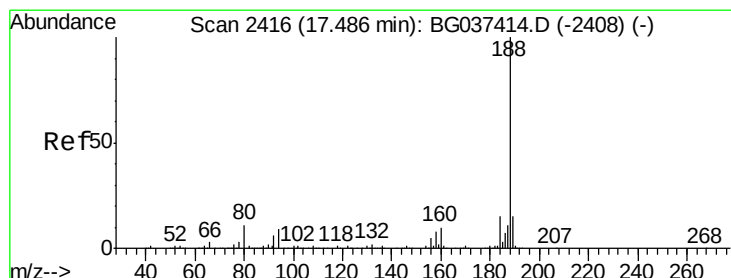
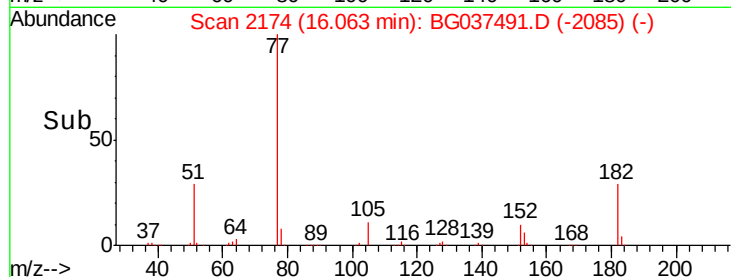
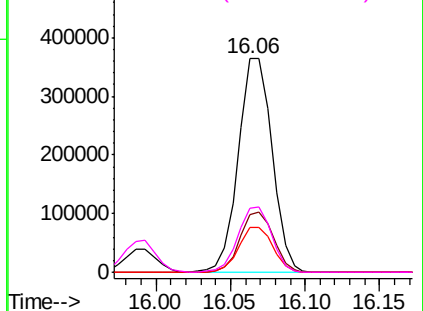


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2416

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

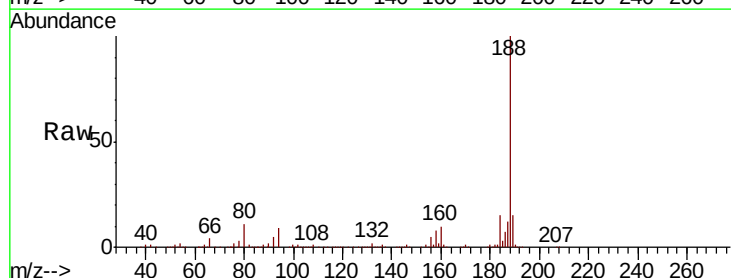
Tgt Ion: 188 Resp: 464429

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

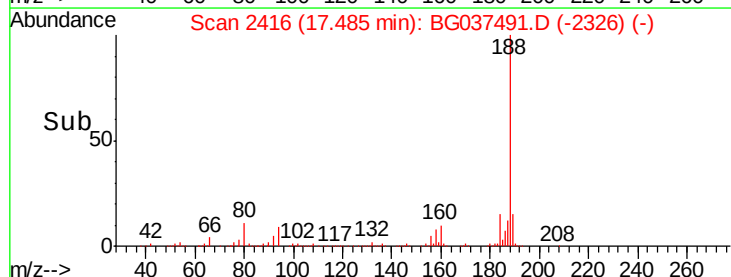
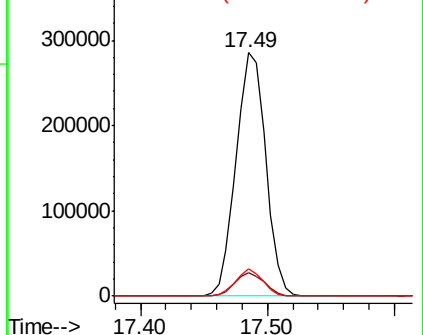
80 11.2 7.7 11.5

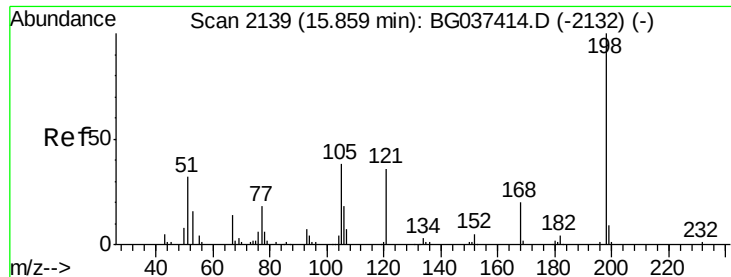


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 40.108 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

Instrument :

BNA_G

ClientSampleId :

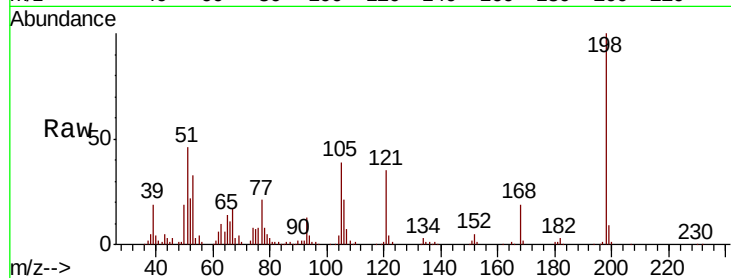
Tot Ion:198 Resp: 93604

Ion Ratio Lower Upper

198 100

51 45.7 22.7 62.7

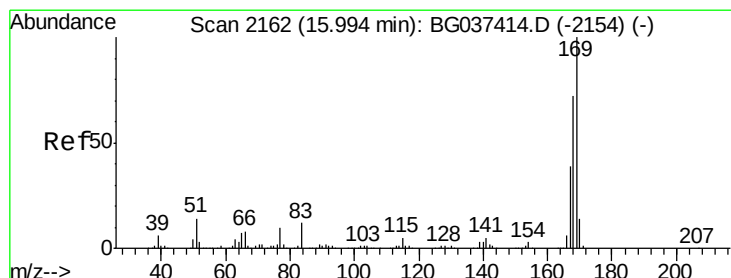
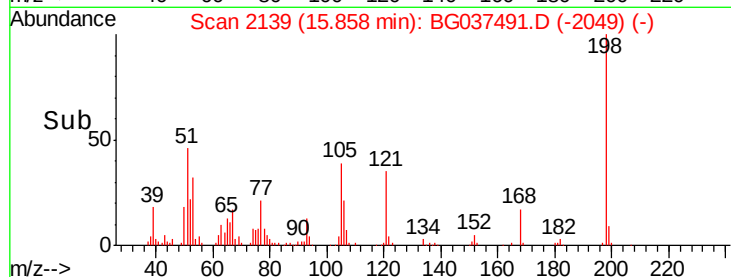
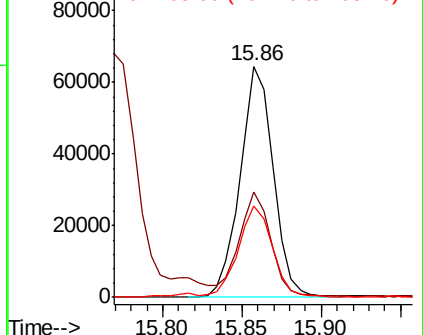
105 39.3 19.7 59.7



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: 38.421 ng

RT: 15.99 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

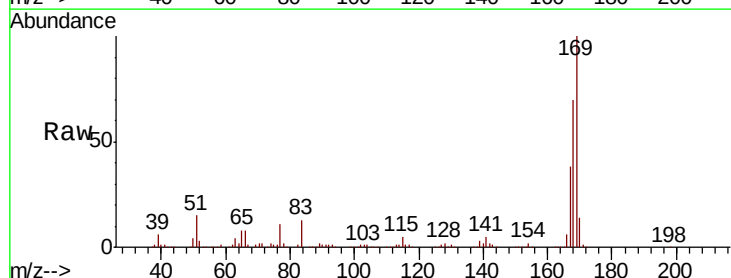
Tgt Ion:169 Resp: 536750

Ion Ratio Lower Upper

169 100

168 69.8 55.7 83.5

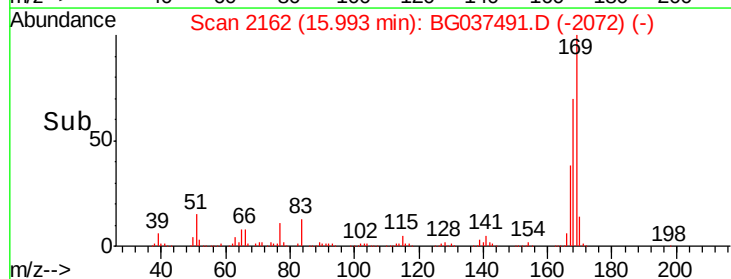
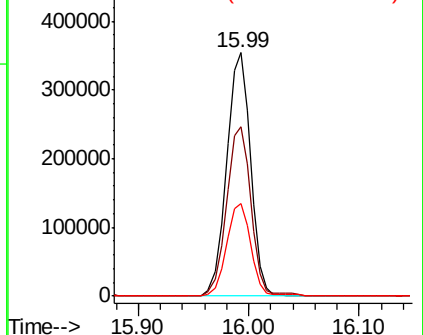
167 38.2 31.3 46.9

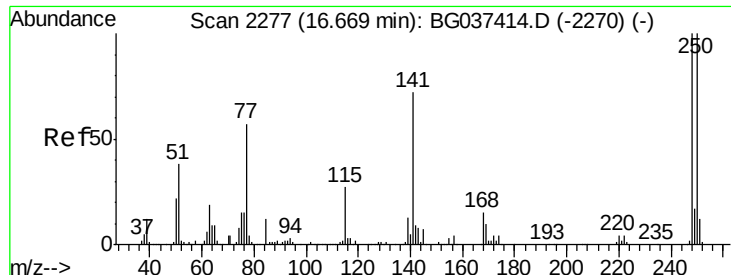


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

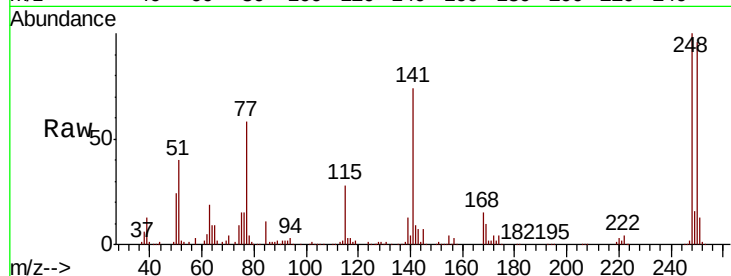




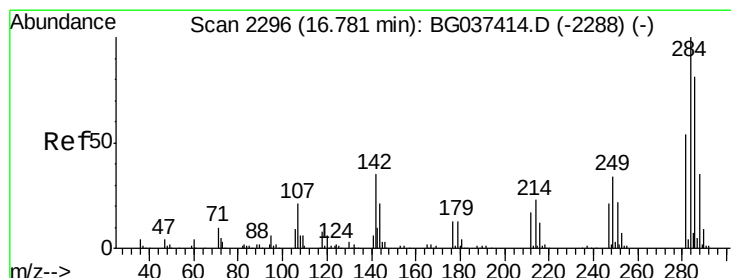
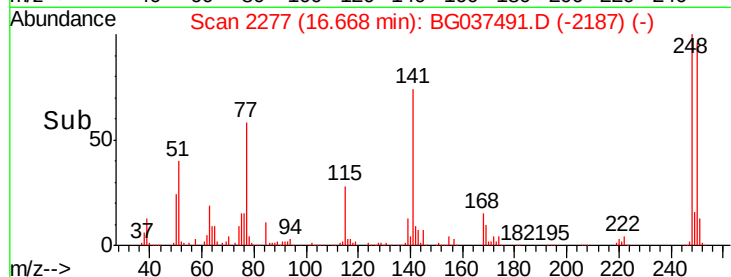
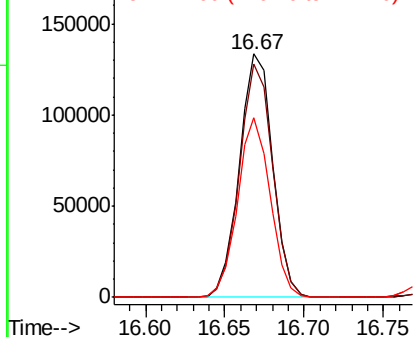
#67
4-Bromophenyl-phenylether
Concen: 38.118 ng
RT: 16.67 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 194409
Ion Ratio Lower Upper
248 100
250 96.0 77.0 115.6
141 73.7 55.5 83.3

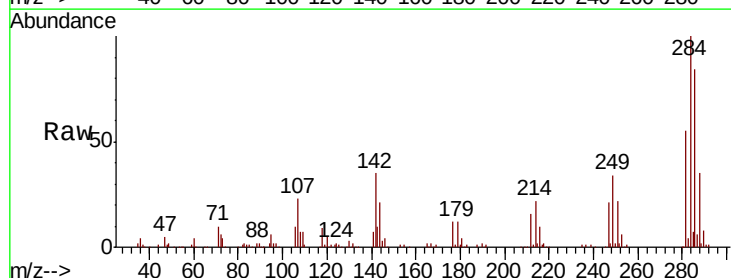


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

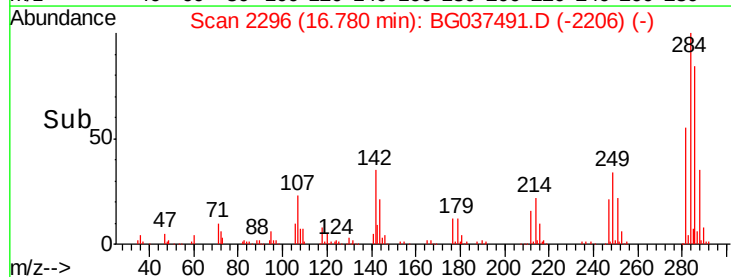
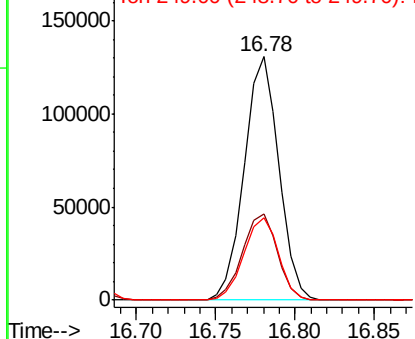


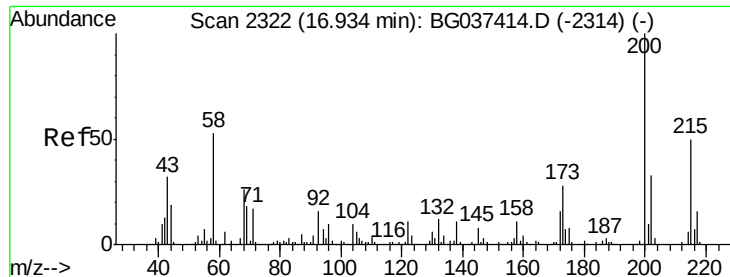
#68
Hexachlorobenzene
Concen: 37.452 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

Tgt Ion:284 Resp: 197967
Ion Ratio Lower Upper
284 100
142 35.5 28.1 42.1
249 36.3 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

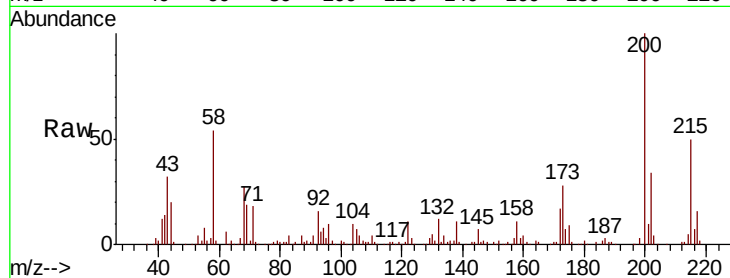




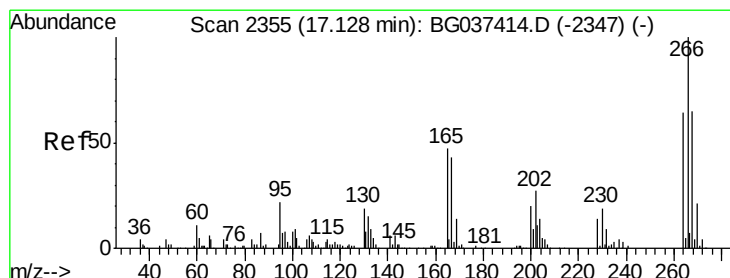
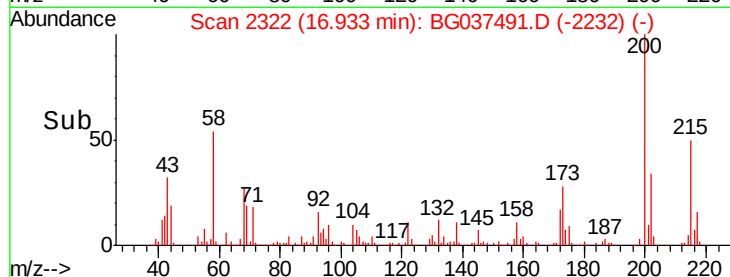
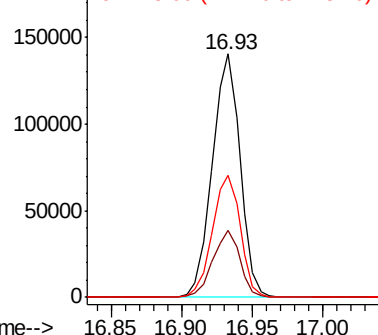
#69
 Atrazine
 Concen: 38.286 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG037491.D
 Acq: 24 Oct 2018 00:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 193381
 Ion Ratio Lower Upper
 200 100
 173 27.7 6.1 46.1
 215 50.0 30.8 70.8

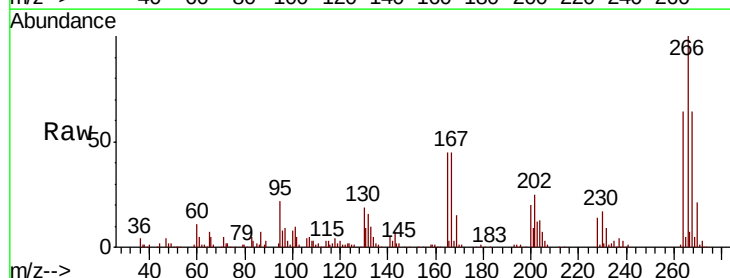


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

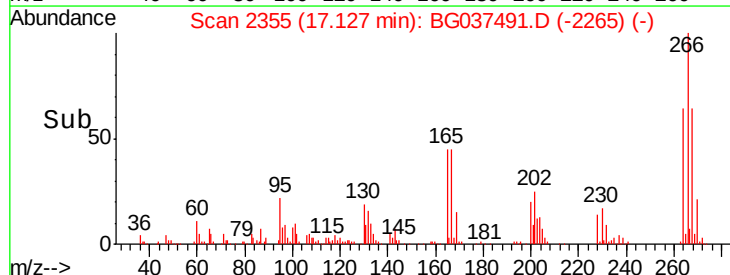
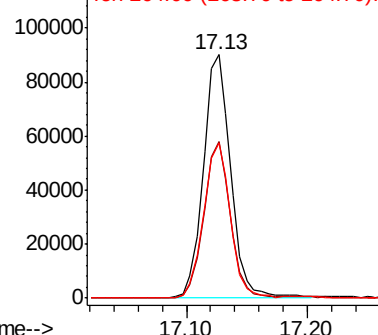


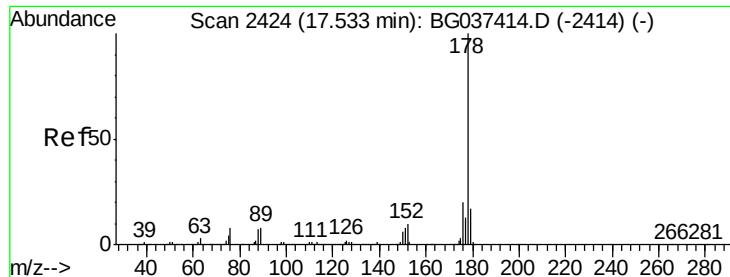
#70
 Pentachlorophenol
 Concen: 40.153 ng
 RT: 17.13 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037491.D
 Acq: 24 Oct 2018 00:43

Tgt Ion:266 Resp: 142167
 Ion Ratio Lower Upper
 266 100
 268 69.5 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

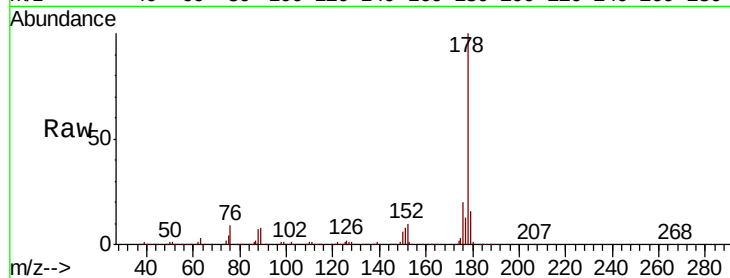




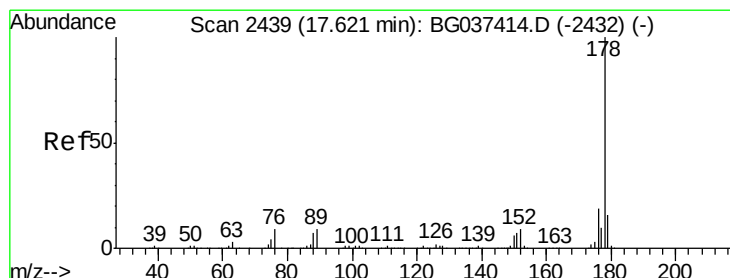
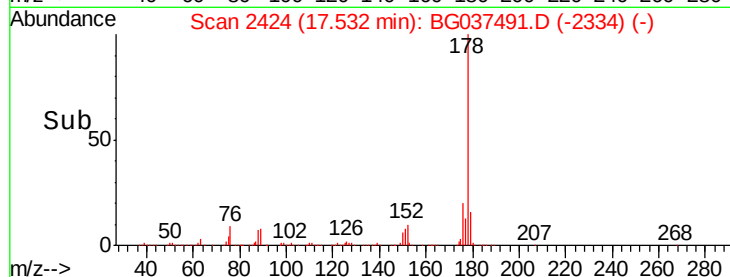
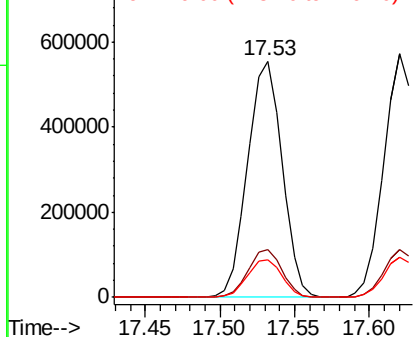
#71
Phenanthrene
Concen: 37.591 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 887295
Ion Ratio Lower Upper
178 100
176 20.3 16.1 24.1
179 16.1 13.0 19.4

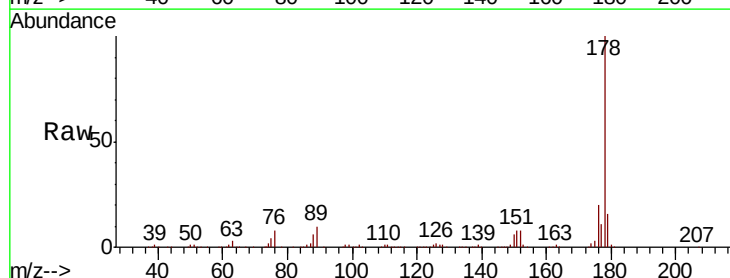


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

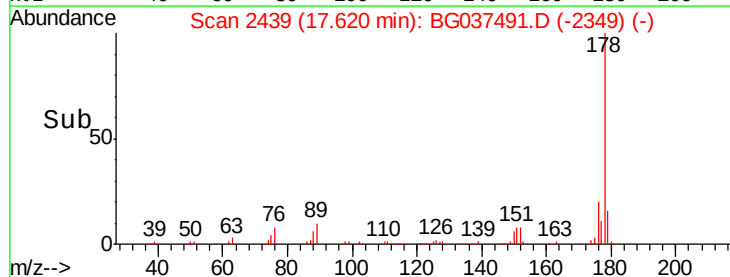
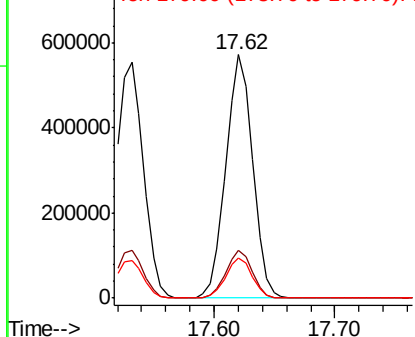


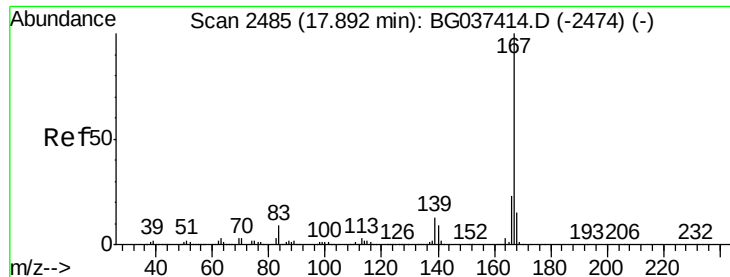
#72
Anthracene
Concen: 38.038 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

Tgt Ion:178 Resp: 881109
Ion Ratio Lower Upper
178 100
176 19.9 15.0 22.4
179 16.5 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

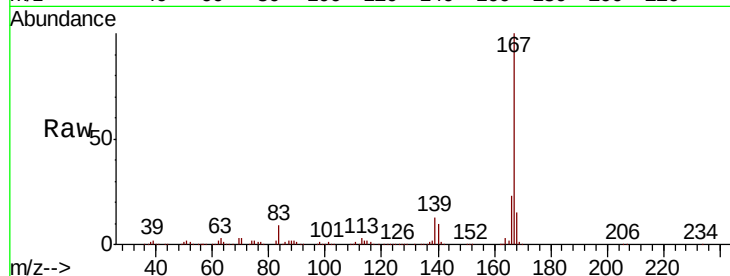




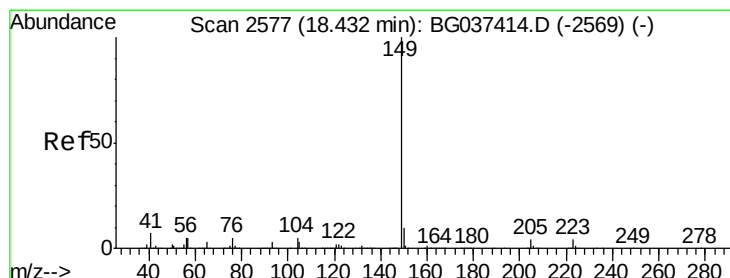
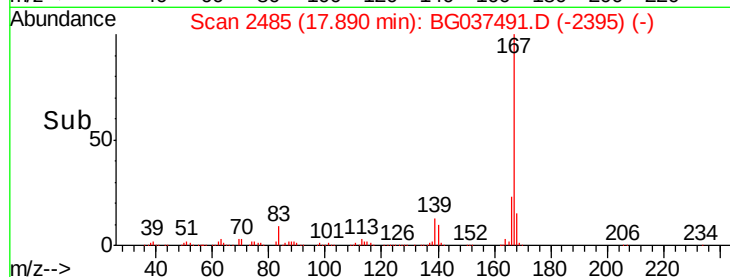
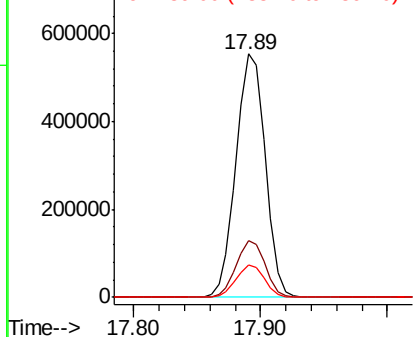
#73
 Carbazole
 Concen: 38.270 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037491.D
 Acq: 24 Oct 2018 00:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 886742
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.3 27.5
 139 13.4 10.5 15.7

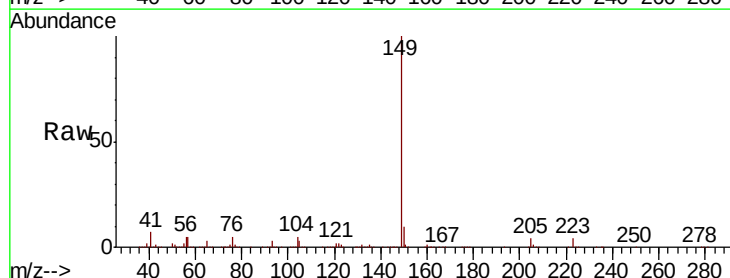


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

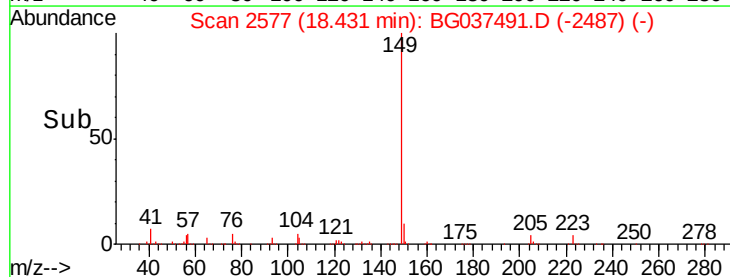
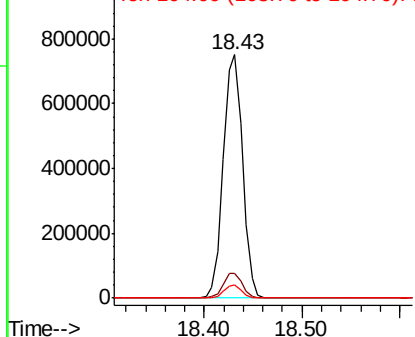


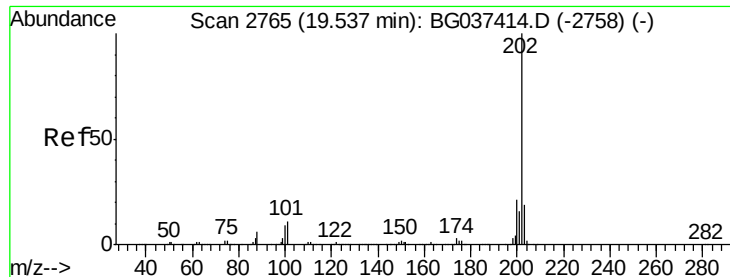
#74
 Di-n-butylphthalate
 Concen: 39.845 ng
 RT: 18.43 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG037491.D
 Acq: 24 Oct 2018 00:43

Tgt Ion:149 Resp: 1027018
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.2 12.2
 104 5.3 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: 38.063 ng

RT: 19.54 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

Instrument :

BNA_G

ClientSampleId :

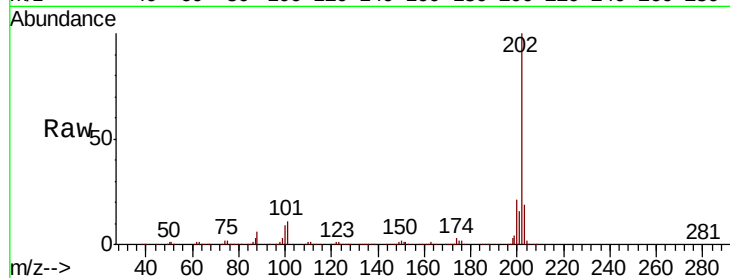
Tot Ion:202 Resp: 1018985

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.7

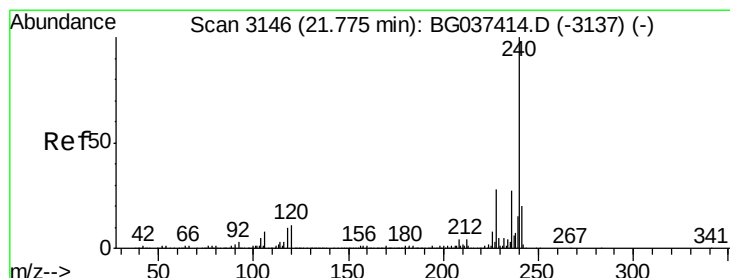
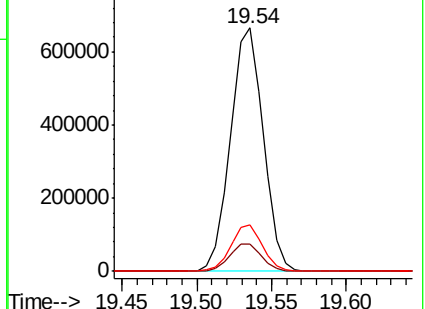
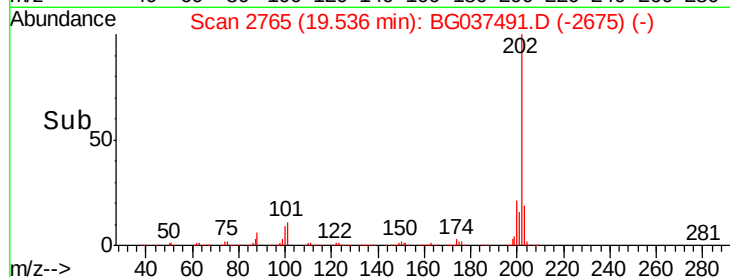
203 19.1 0.0 38.5



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: BG037491.D

Acq: 24 Oct 2018 00:43

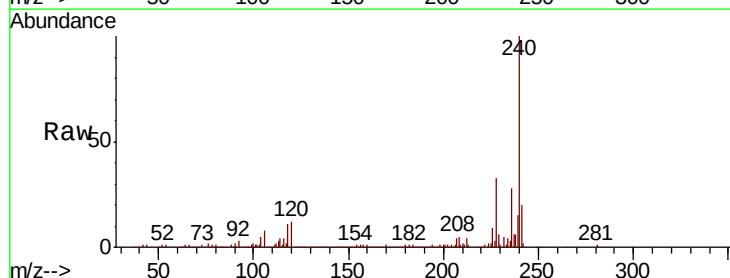
Tgt Ion:240 Resp: 407521

Ion Ratio Lower Upper

240 100

120 11.7 8.1 12.1

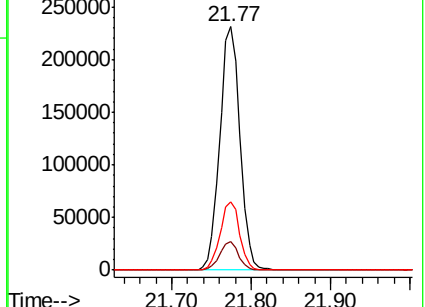
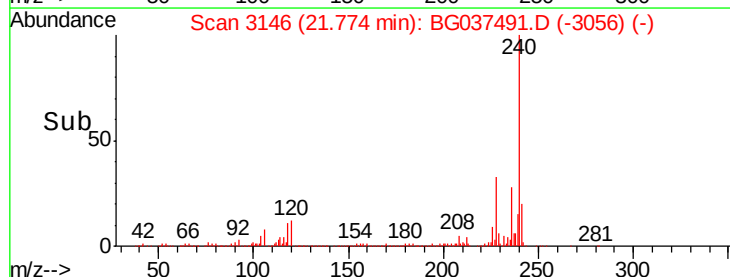
236 27.9 21.4 32.0

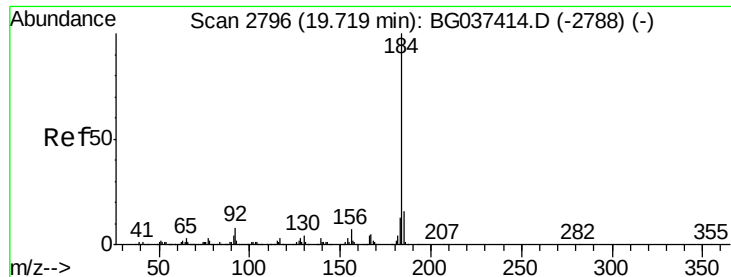


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.773 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

Instrument :

BNA_G

ClientSampled :

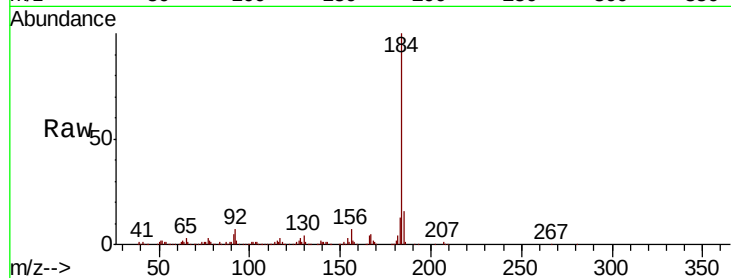
Tot Ion:184 Resp: 509557

Ion Ratio Lower Upper

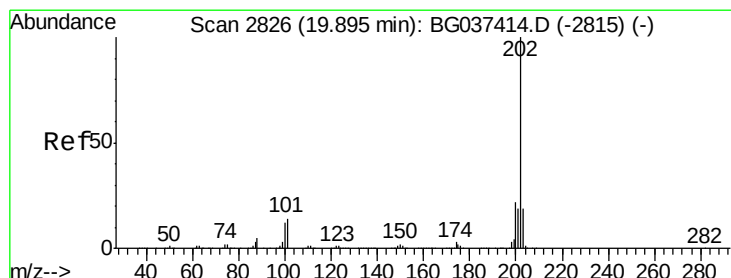
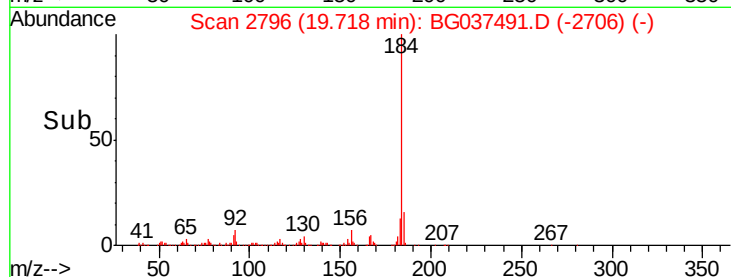
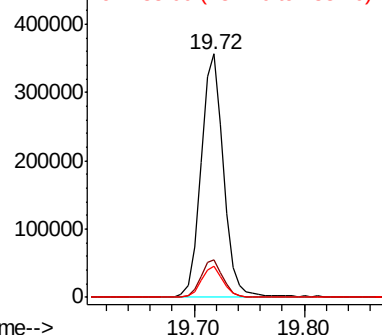
184 100

185 15.7 12.6 18.8

183 12.7 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: 38.750 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

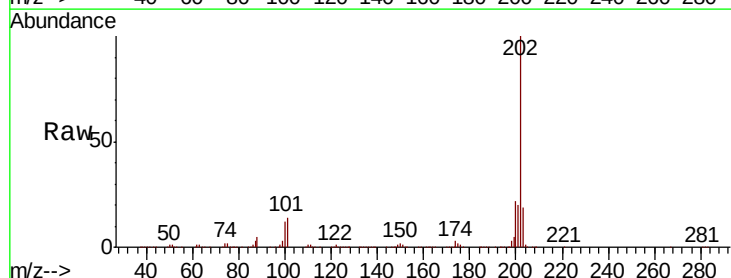
Tgt Ion:202 Resp: 1032312

Ion Ratio Lower Upper

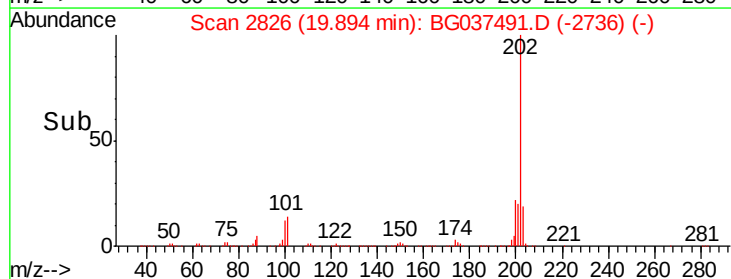
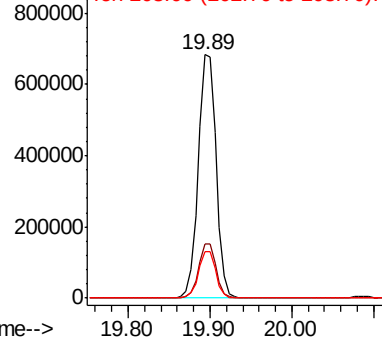
202 100

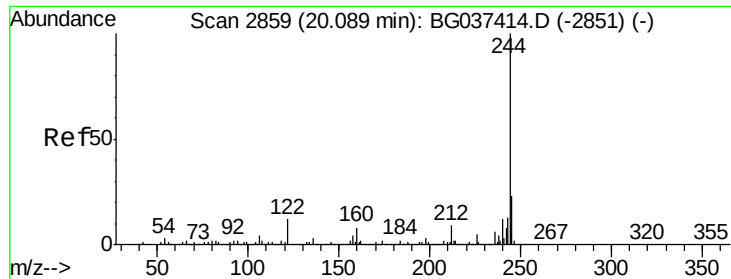
200 22.5 17.8 26.6

203 19.1 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: 75.872 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

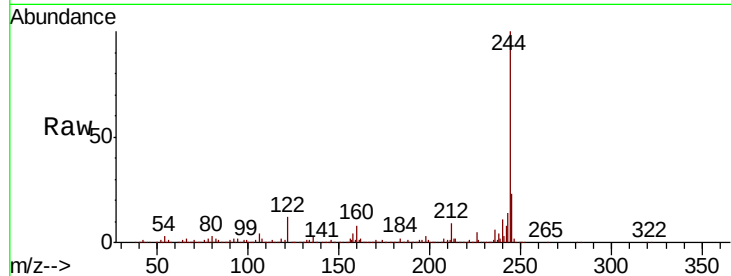
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1447027

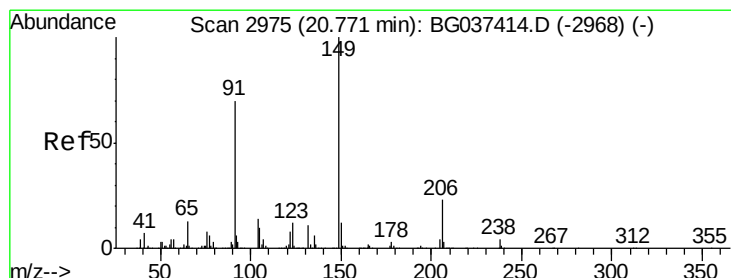
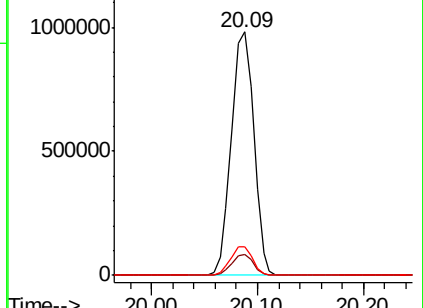
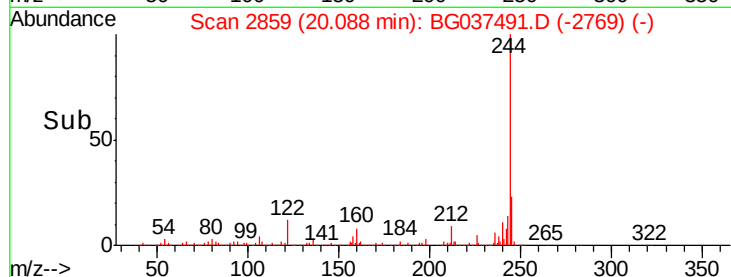
Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	11.6	9.0	13.4



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: 41.897 ng

RT: 20.77 min Scan# 2975

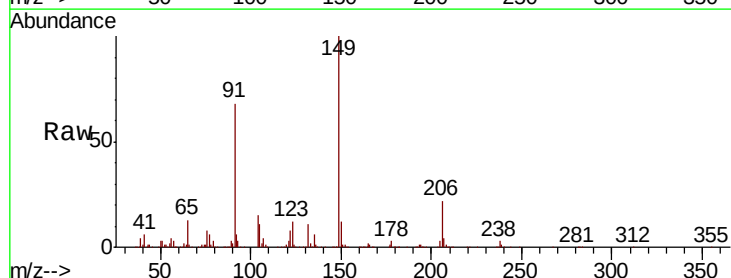
Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

Tgt Ion:149 Resp: 456794

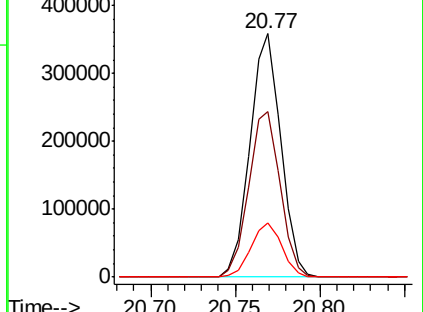
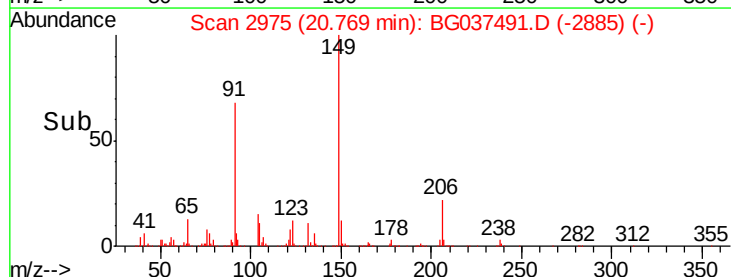
Ion	Ratio	Lower	Upper
149	100		
91	68.2	57.0	85.4
206	22.0	17.8	26.6

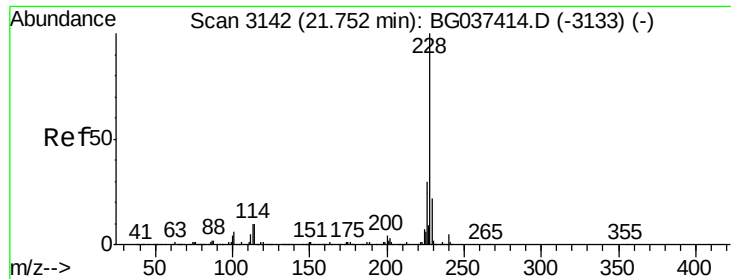


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.384 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

Instrument :

BNA_G

ClientSampleId :

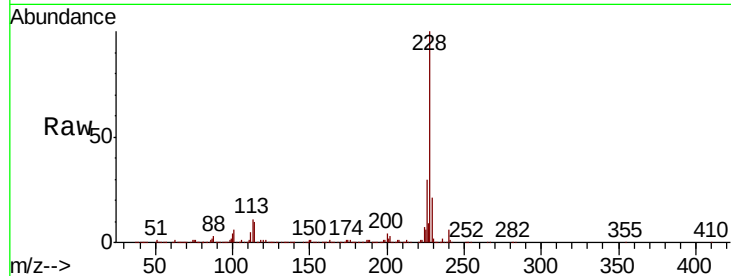
Tot Ion:228 Resp: 925223

Ion Ratio Lower Upper

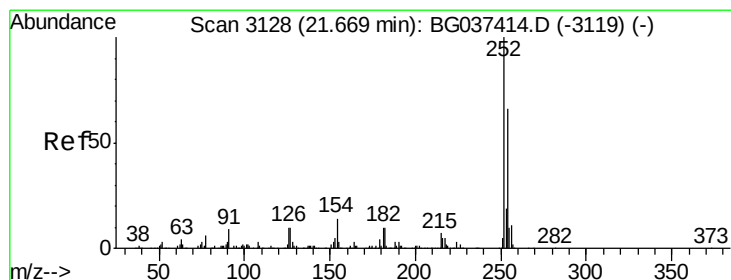
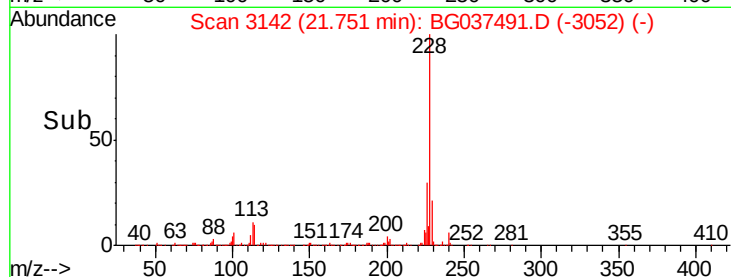
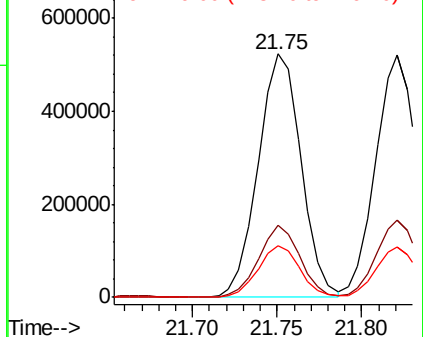
228 100

226 29.5 22.6 33.8

229 21.3 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: 39.611 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

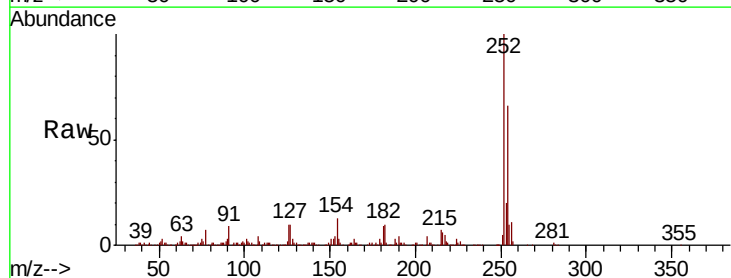
Tgt Ion:252 Resp: 370087

Ion Ratio Lower Upper

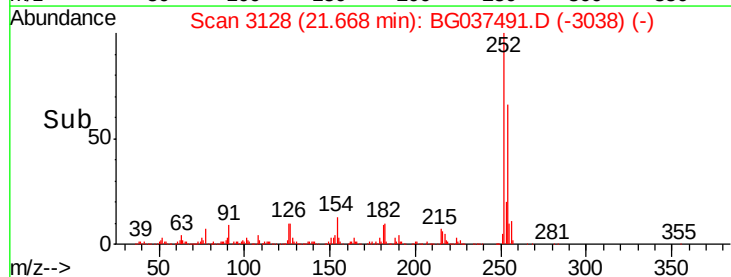
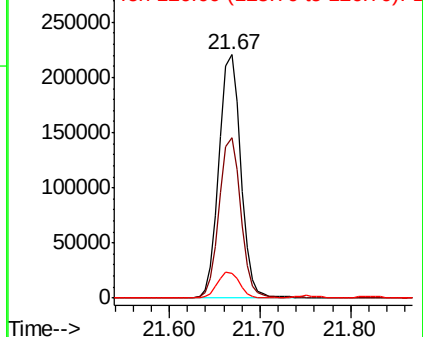
252 100

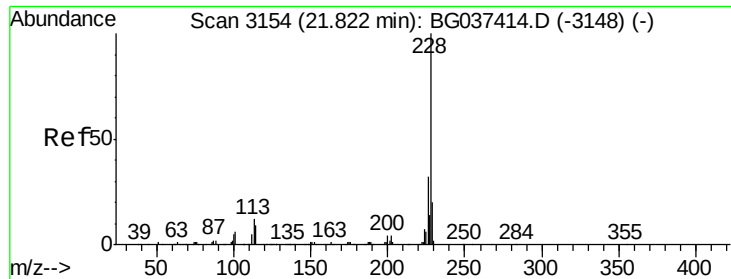
254 65.8 52.0 78.0

126 9.9 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: 38.440 ng

RT: 21.82 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

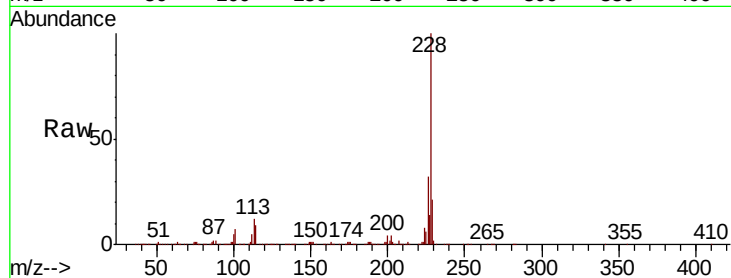
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 890962

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.7	38.5
229	20.9	16.5	24.7

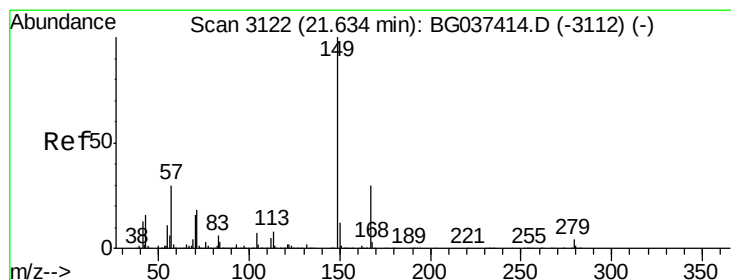
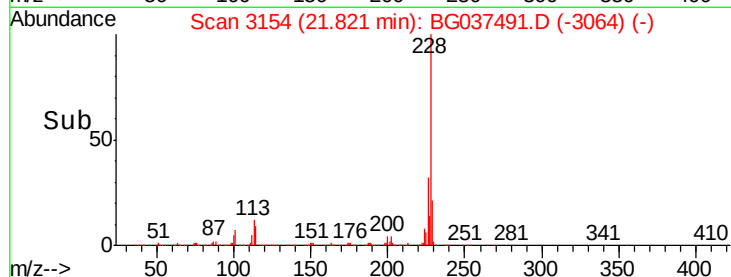
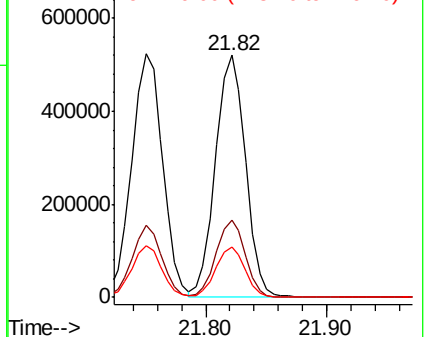


Abundance

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: 41.707 ng

RT: 21.63 min Scan# 3121

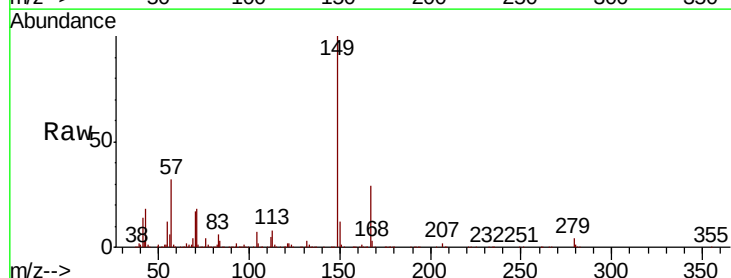
Delta R.T. -0.01 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

Tgt Ion:149 Resp: 637395

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.0	34.4
279	4.4	3.6	5.4

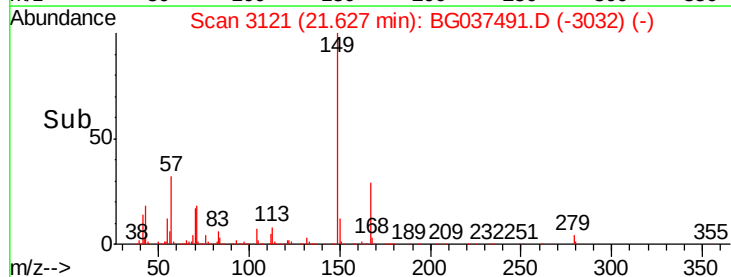
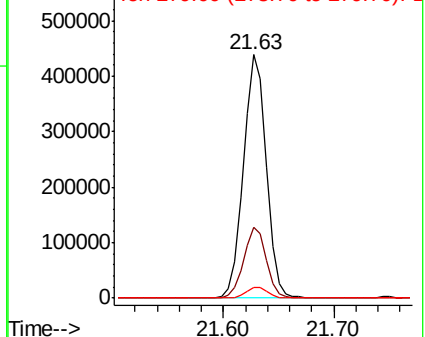


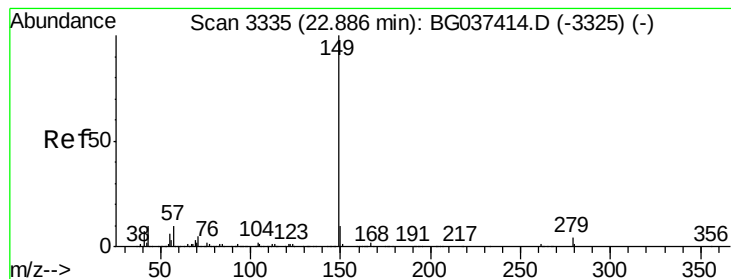
Abundance

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: 42.177 ng

RT: 22.88 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

Instrument :

BNA_G

ClientSampleId :

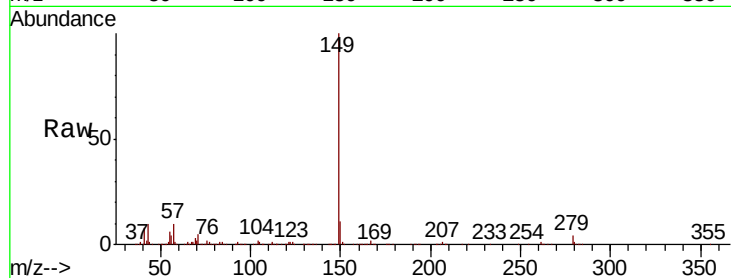
Tot Ion:149 Resp: 1051094

Ion Ratio Lower Upper

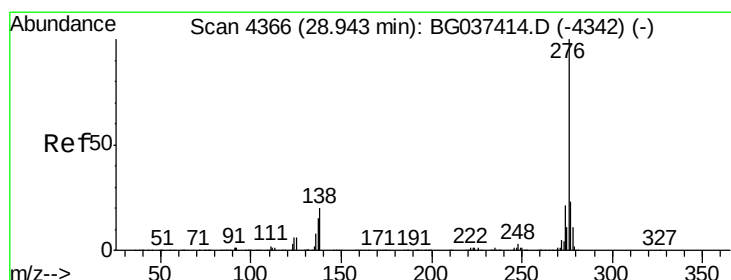
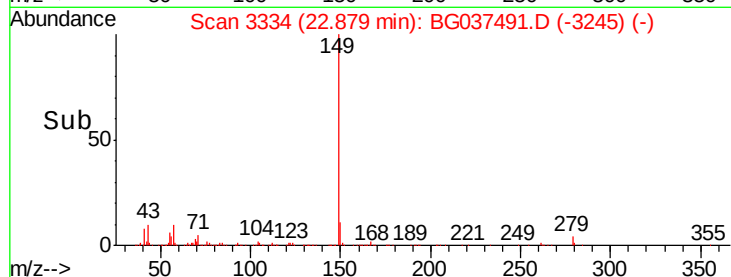
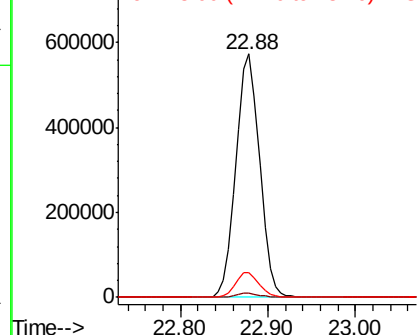
149 100

167 1.7 1.3 1.9

43 10.4 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: 39.392 ng

RT: 28.94 min Scan# 4365

Delta R.T. -0.01 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

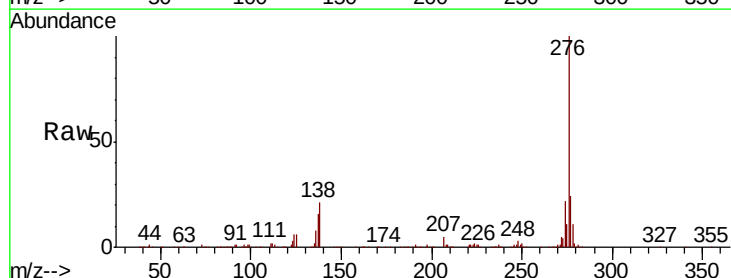
Tgt Ion:276 Resp: 979287

Ion Ratio Lower Upper

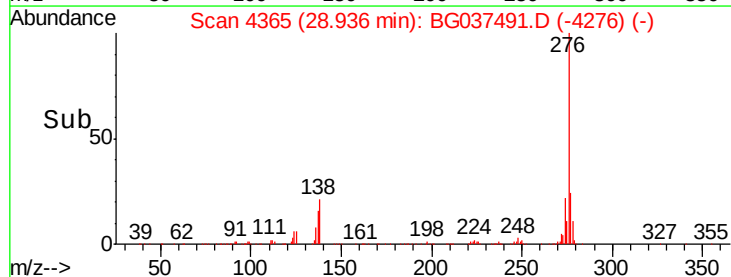
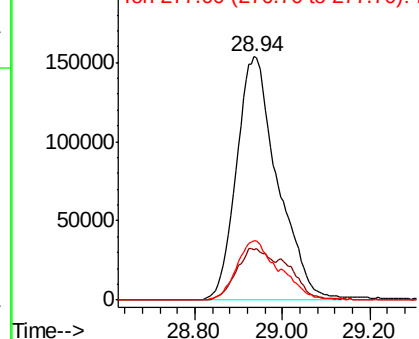
276 100

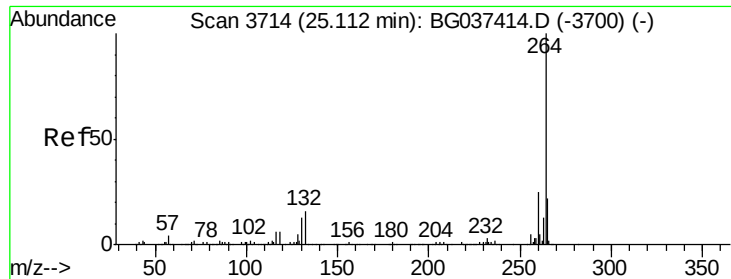
138 17.9 12.0 18.0

277 25.4 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: 25.11 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

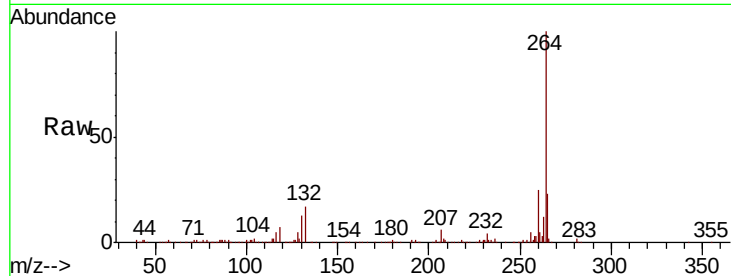
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 437899

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.4
265	23.2	17.9	26.9

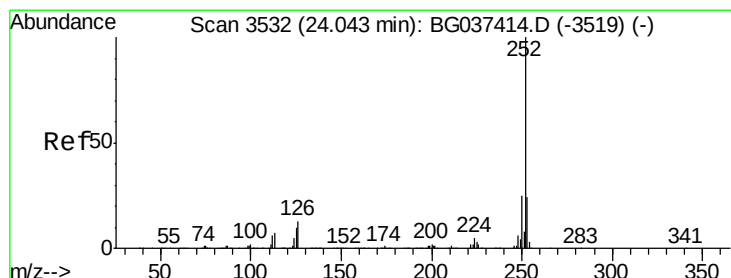
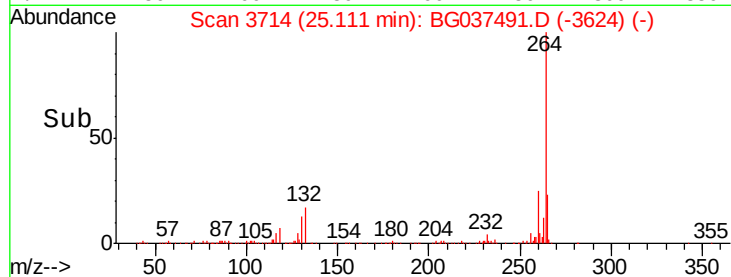
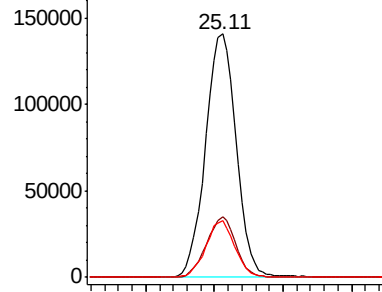


Abundance

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: 37.825 ng

RT: 24.04 min Scan# 3532

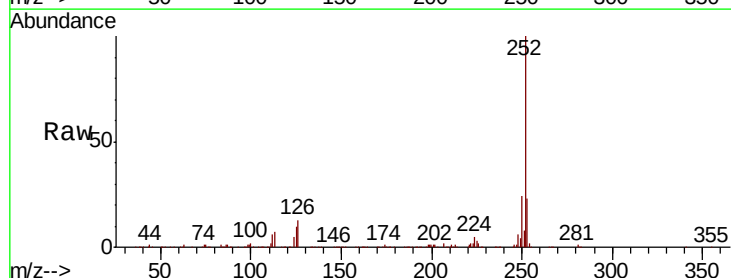
Delta R.T. -0.00 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

Tgt Ion:252 Resp: 908068

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	10.1	7.8	11.6

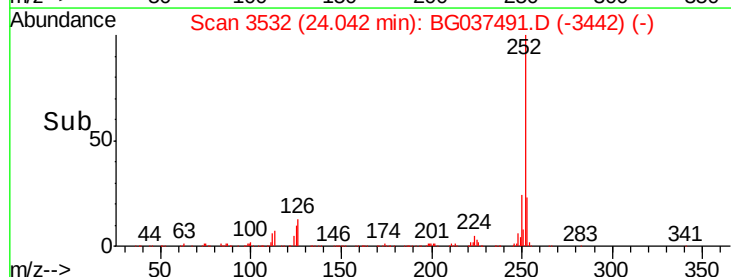
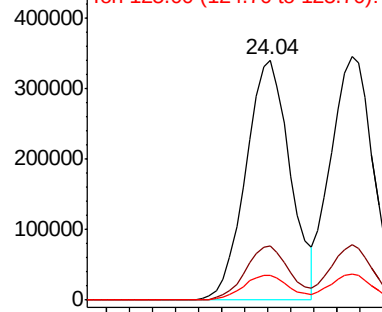


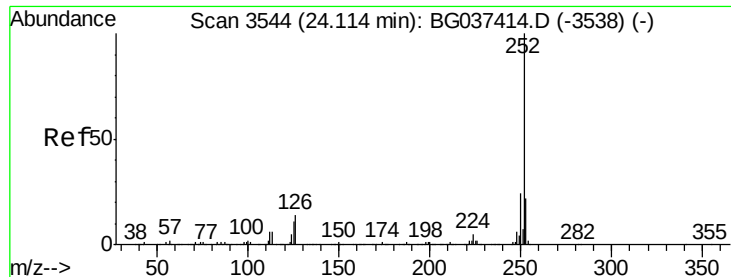
Abundance

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

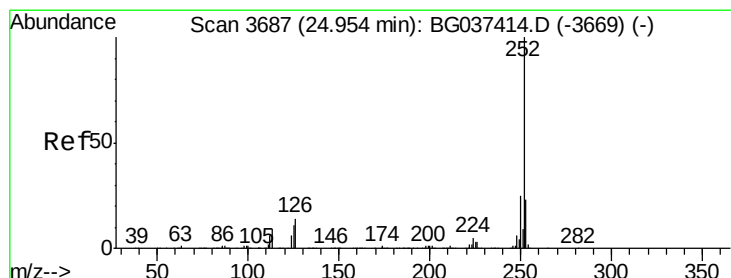
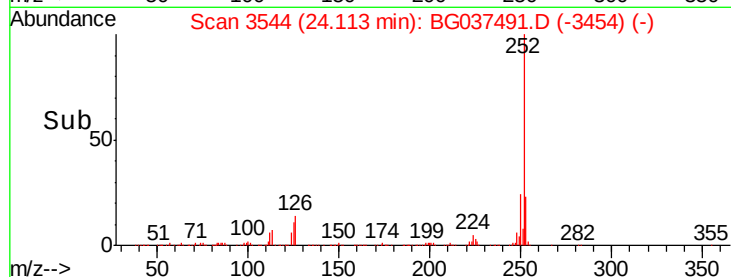
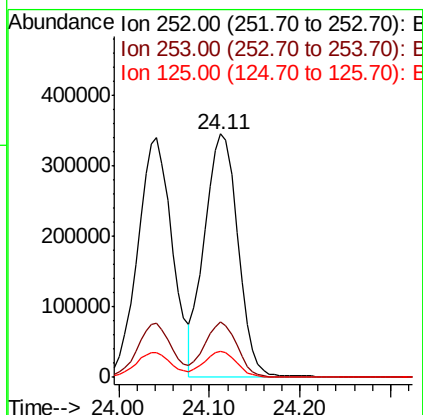
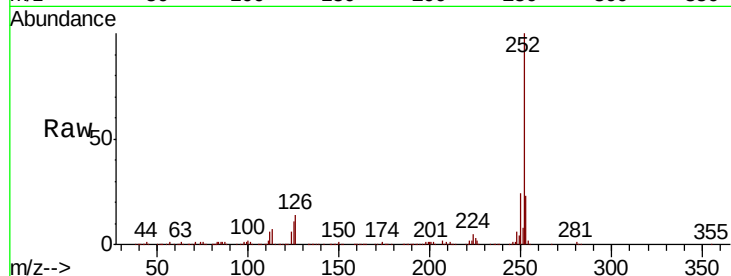




#89
Benzo(k)fluoranthene
Concen: 37.638 ng
RT: 24.11 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

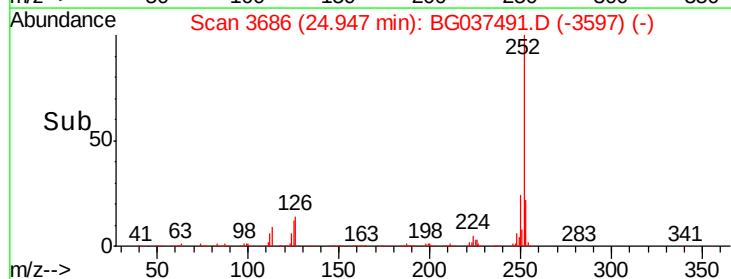
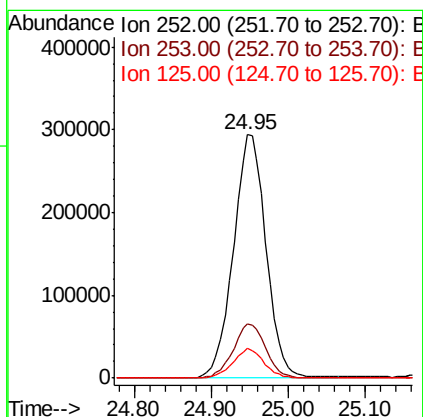
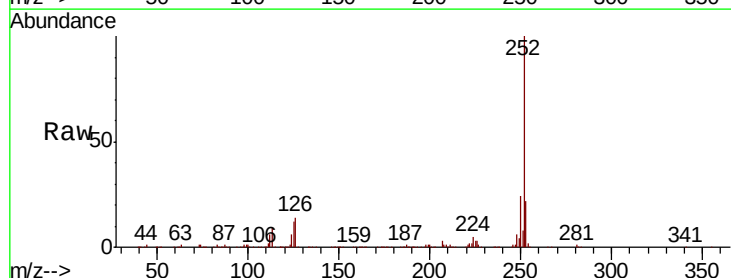
Instrument :
BNA_G
ClientSampleId :

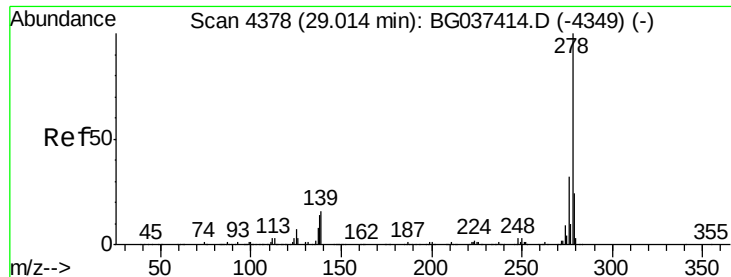
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	10.9	7.4	11.0



#90
Benzo(a)pyrene
Concen: 38.102 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037491.D
Acq: 24 Oct 2018 00:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	12.2	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 38.051 ng

RT: 29.01 min Scan# 4377

Delta R.T. -0.01 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

Instrument :

BNA_G

ClientSampleId :

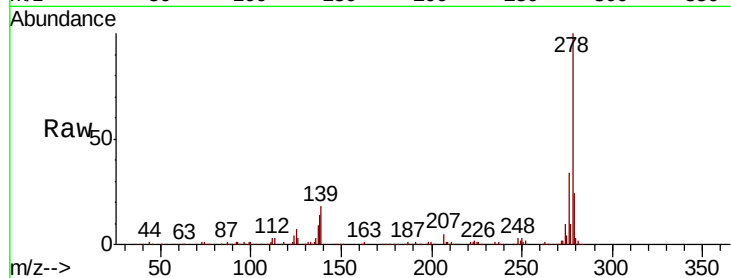
Tot Ion:278 Resp: 800691

Ion Ratio Lower Upper

278 100

139 17.6 11.5 17.3#

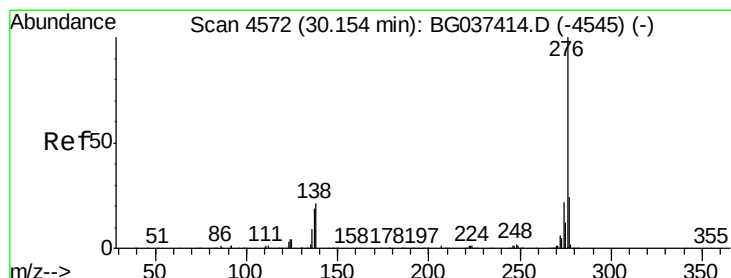
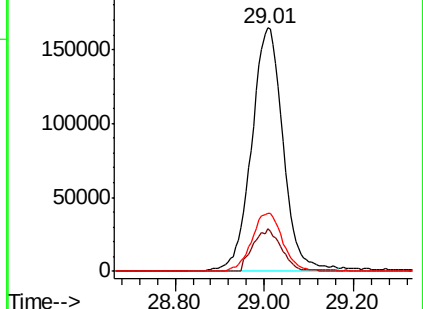
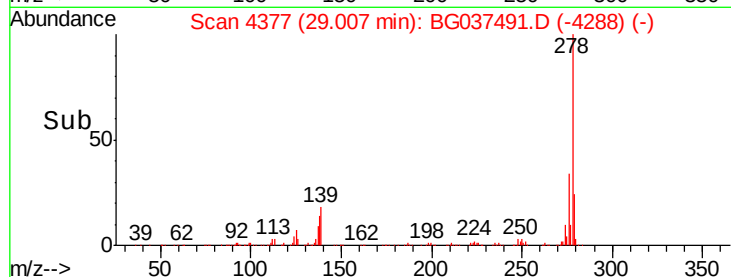
279 23.9 18.6 27.8



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: 38.087 ng

RT: 30.15 min Scan# 4571

Delta R.T. -0.01 min

Lab File: BG037491.D

Acq: 24 Oct 2018 00:43

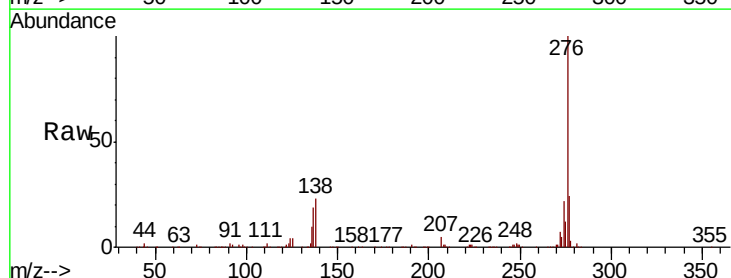
Tgt Ion:276 Resp: 810825

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 23.0 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

