

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037485.D
 Acq On : 23 Oct 2018 20:47
 Operator : JU/SJ
 Sample : J5621-10MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 04:43:06 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	70020	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	314690	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	209062	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	480720	20.00	ng	0.00
76) Chrysene-d12	21.77	240	421346	20.00	ng	0.00
87) Perylene-d12	25.11	264	447760	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	253176	60.45	ng	0.00
7) Phenol-d6	7.25	99	249100	39.33	ng	0.00
23) Nitrobenzene-d5	9.29	82	421219	74.98	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	253971	111.38	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	960529	69.28	ng	0.00
79) Terphenyl-d14	20.09	244	1415918	71.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	22785	10.728	ng	93
3) Pyridine	3.94	79	29204	5.455	ng	96
4) n-Nitrosodimethylamine	3.86	42	31440	16.489	ng	93
6) Aniline	7.43	93	53463	6.920	ng	97
8) 2-Chlorophenol	7.67	128	184370	37.630	ng	99
9) Benzaldehyde	7.25	77	132550	33.459	ng	92
10) Phenol	7.27	94	127020	19.009	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	207360	40.859	ng	95
12) 1,3-Dichlorobenzene	7.99	146	181422	33.261	ng	100
13) 1,4-Dichlorobenzene	8.14	146	187076	33.530	ng	99
14) 1,2-Dichlorobenzene	8.46	146	183557	34.200	ng	96
15) Benzyl Alcohol	8.35	79	112880	24.122	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	382086	42.077	ng	98
17) 2-Methylphenol	8.54	107	153812	34.818	ng	97
18) Hexachloroethane	9.19	117	63274	33.265	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	179601	41.183	ng	95
20) 3+4-Methylphenols	8.87	107	190972	30.236	ng	99
22) Acetophenone	8.94	105	330535	41.881	ng	# 98
24) Nitrobenzene	9.33	77	270877	46.416	ng	94
25) Isophorone	9.85	82	512018	49.884	ng	96
26) 2-Nitrophenol	10.04	139	111049	42.240	ng	97
27) 2,4-Dimethylphenol	10.08	122	215196	45.845	ng	97
28) bis(2-Chloroethoxy)methane	10.33	93	306690	45.605	ng	99
29) 2,4-Dichlorophenol	10.57	162	219631	42.024	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	202989	35.716	ng	99
31) Naphthalene	10.98	128	642987	41.599	ng	99
32) Benzoic acid	10.16	122	42583	13.967	ng	94
33) 4-Chloroaniline	11.09	127	37519	5.166	ng	98
34) Hexachlorobutadiene	11.24	225	110694	32.862	ng	96
35) Caprolactam	11.87	113	6168	2.943	ng	89
36) 4-Chloro-3-methylphenol	12.19	107	244672	41.511	ng	98
37) 2-Methylnaphthalene	12.58	142	510188	45.280	ng	100
38) 1-Methylnaphthalene	12.79	142	486540	44.464	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	254982	37.812	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	286272	88.873	ng	98
43) 2,4,6-Trichlorophenol	13.17	196	196888	43.703	ng	100
44) 2,4,5-Trichlorophenol	13.24	196	209079	42.625	ng	98
46) 1,1'-Biphenyl	13.58	154	669580	38.673	ng	97
47) 2-Chloronaphthalene	13.62	162	528026	40.311	ng	99
48) 2-Nitroaniline	13.83	65	159355	40.117	ng	99
49) Acenaphthylene	14.47	152	880209	44.671	ng	99
50) Dimethylphthalate	14.19	163	739672	45.734	ng	100
51) 2,6-Dinitrotoluene	14.32	165	154922	43.300	ng	98
52) Acenaphthene	14.80	154	520583	42.899	ng	99
53) 3-Nitroaniline	14.65	138	27850	7.012	ng	# 97
54) 2,4-Dinitrophenol	14.85	184	150496	88.549	ng	92
55) Dibenzofuran	15.14	168	825853	41.075	ng	98
56) 4-Nitrophenol	14.94	139	143460	48.795	ng	99
57) 2,4-Dinitrotoluene	15.10	165	223734	47.638	ng	95
58) Fluorene	15.79	166	672366	44.657	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	185489	44.167	ng	98
60) Diethylphthalate	15.54	149	724743	43.647	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	353489	40.280	ng	100
62) 4-Nitroaniline	15.81	138	59261	15.015	ng	92
63) Azobenzene	16.07	77	693561	43.778	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	112842	45.311	ng	97
66) n-Nitrosodiphenylamine	15.99	169	624140	43.163	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	222037	42.060	ng	98
68) Hexachlorobenzene	16.78	284	224845	41.095	ng	98
69) Atrazine	16.93	200	231357	44.253	ng	97
70) Pentachlorophenol	17.13	266	277296	75.664	ng	95
71) Phenanthrene	17.53	178	1102150	45.111	ng	98
72) Anthracene	17.62	178	1104881	46.082	ng	97
73) Carbazole	17.89	167	1026084	42.783	ng	99
74) Di-n-butylphthalate	18.43	149	1226143	45.958	ng	98
75) Fluoranthene	19.53	202	1265065	45.653	ng	96
77) Benzidine	19.72	184	50327	3.513	ng	98
78) Pyrene	19.90	202	1251775	45.446	ng	98
80) Butylbenzylphthalate	20.77	149	560041	49.681	ng	99
81) Benzo(a)anthracene	21.75	228	1187730	47.657	ng	98
82) 3,3'-Dichlorobenzidine	21.67	252	40894	4.233	ng	# 98
83) Chrysene	21.83	228	1091411	45.543	ng	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	778299	49.256	ng	98
85) Di-n-octyl phthalate	22.88	149	1314790	51.028	ng	99
86) Indeno(1,2,3-cd)pyrene	28.94	276	1289477	50.168	ng	# 97
88) Benzo(b)fluoranthene	24.04	252	1160640	47.281	ng	98
89) Benzo(k)fluoranthene	24.12	252	1119811	46.561	ng	# 98
90) Benzo(a)pyrene	24.95	252	1119539	47.995	ng	98
91) Dibenzo(a,h)anthracene	29.02	278	1048853	48.746	ng	97
92) Benzo(g,h,i)perylene	30.16	276	1071448	49.220	ng	98

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

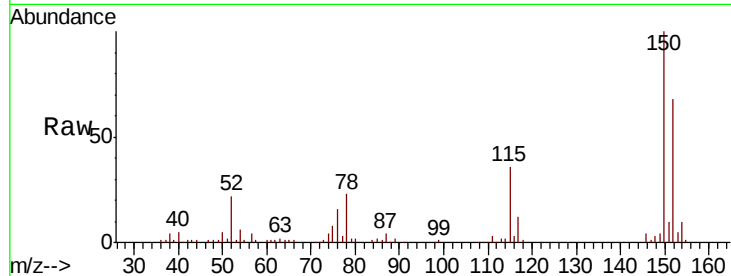


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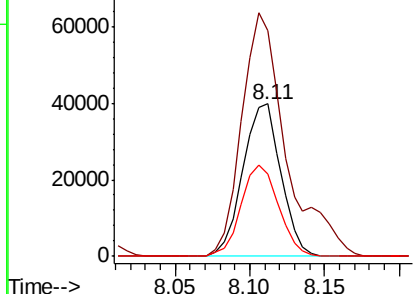
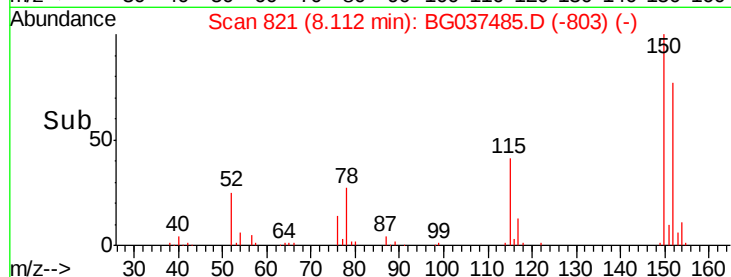
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 70020
Ion Ratio Lower Upper
152 100
150 148.0 126.0 189.0
115 53.8 45.5 68.3



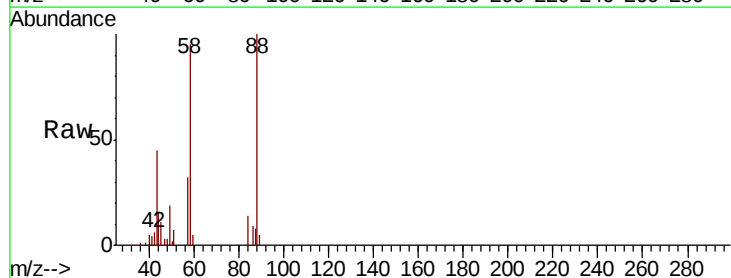
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



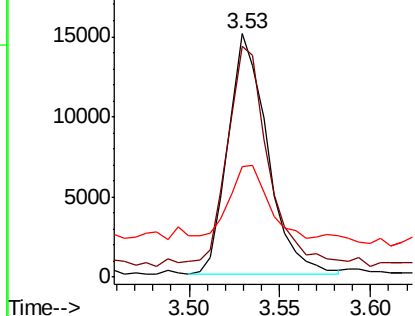
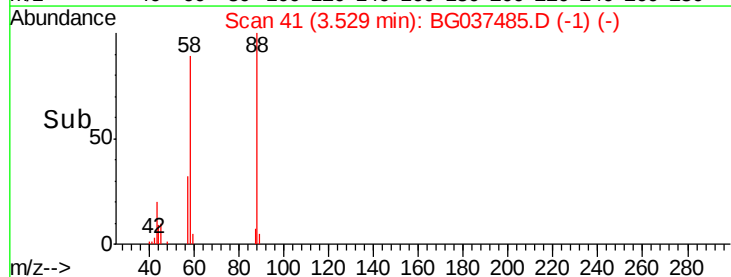
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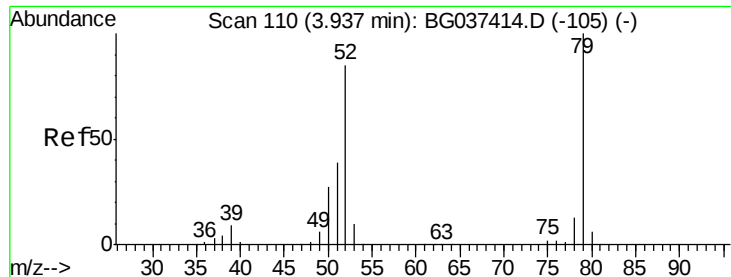
1,4-Dioxane
Concen: 10.728 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Tgt Ion: 88 Resp: 22785
Ion Ratio Lower Upper
88 100
58 98.8 74.4 111.6
43 26.9 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: 5.455 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

Instrument :

BNA_G

ClientSampleId :

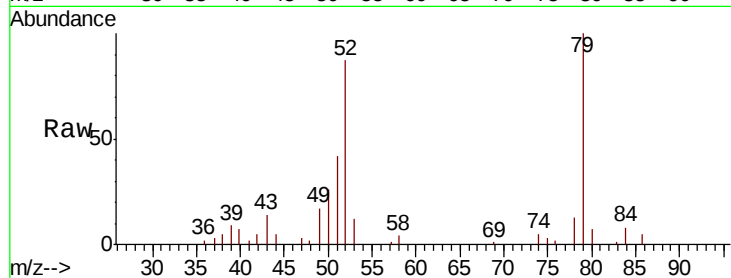
Tot Ion: 79 Resp: 29204

Ion Ratio Lower Upper

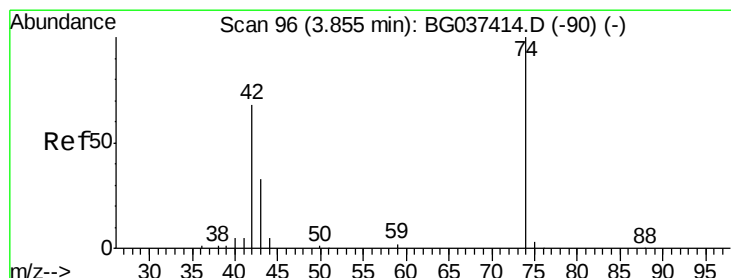
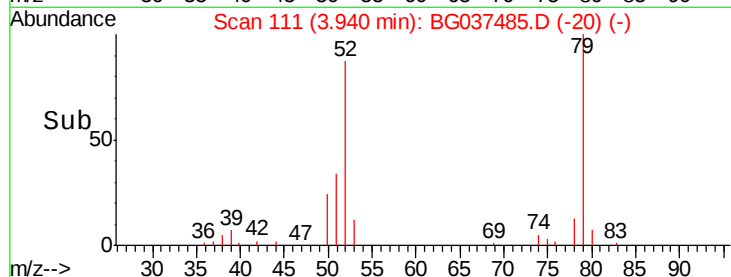
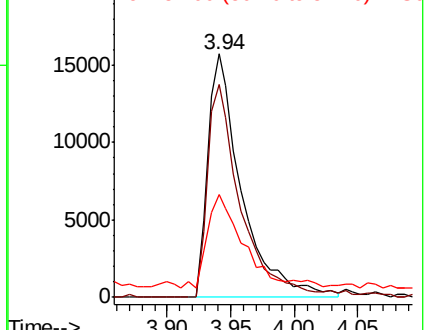
79 100

52 87.3 74.2 111.2

51 42.1 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 16.489 ng

RT: 3.86 min Scan# 97

Delta R.T. 0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

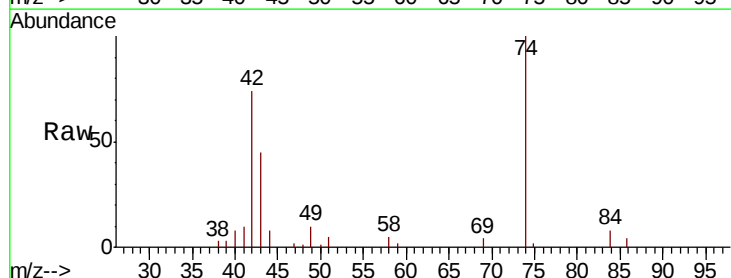
Tgt Ion: 42 Resp: 31440

Ion Ratio Lower Upper

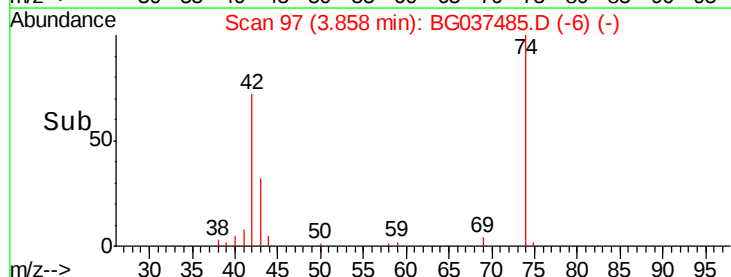
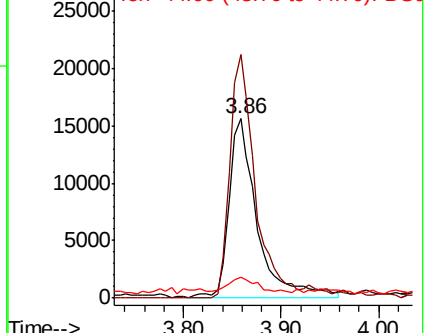
42 100

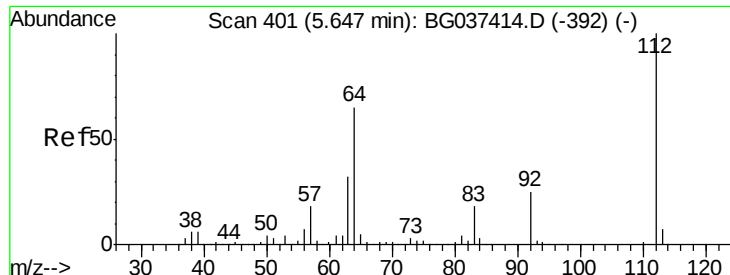
74 135.8 102.0 153.0

44 11.4 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: 60.450 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

Instrument :

BNA_G

ClientSampled :

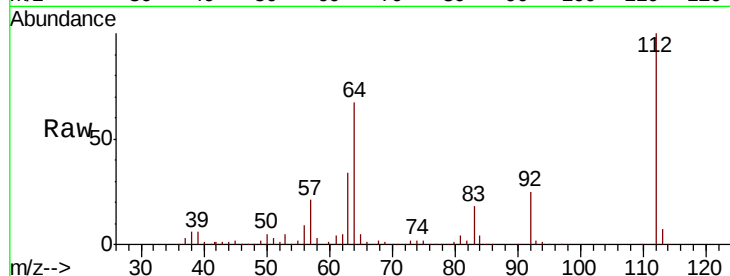
Tot Ion:112 Resp: 253176

Ion Ratio Lower Upper

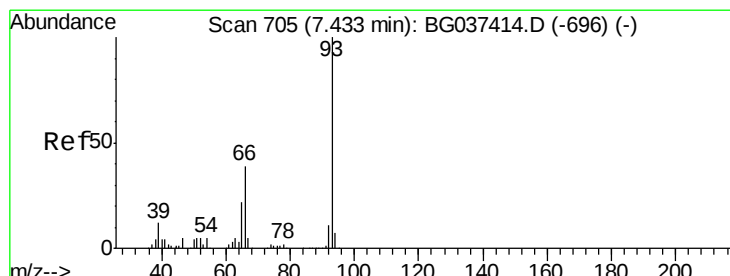
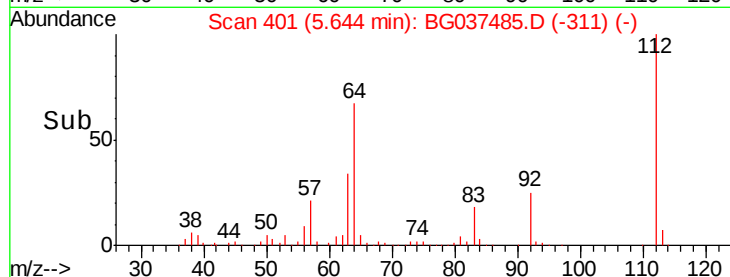
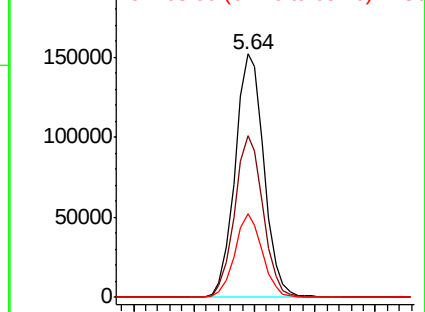
112 100

64 66.5 53.1 79.7

63 34.2 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 6.920 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

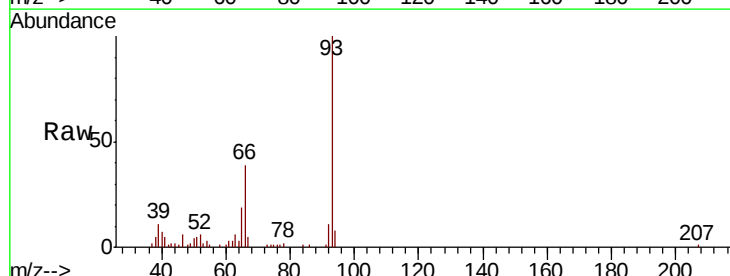
Tgt Ion: 93 Resp: 53463

Ion Ratio Lower Upper

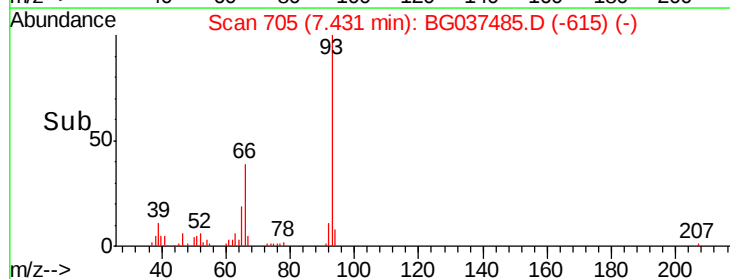
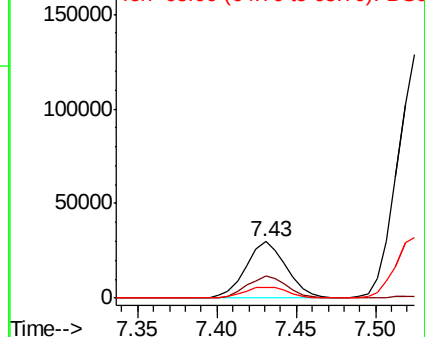
93 100

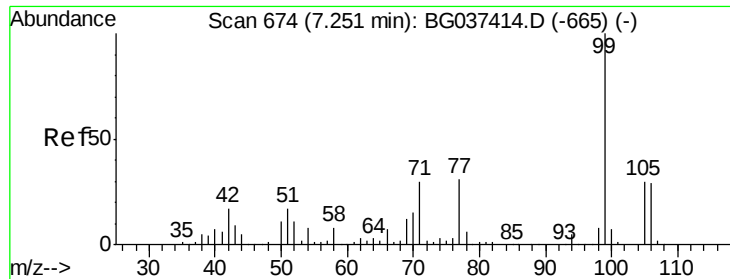
66 39.3 32.8 49.2

65 18.9 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: 39.333 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

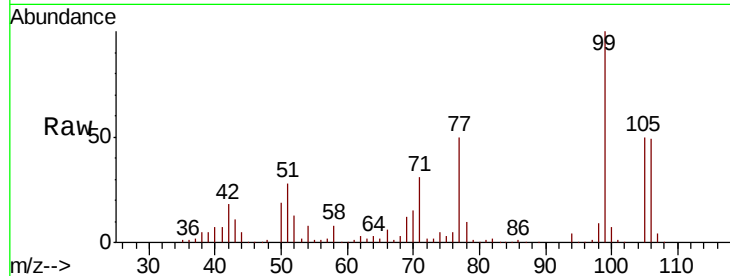
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 249100

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.0	22.4
71	30.8	25.5	38.3

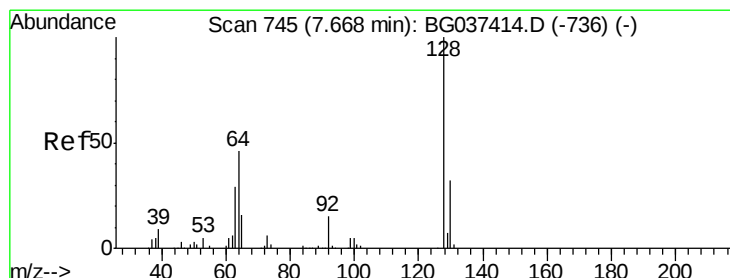
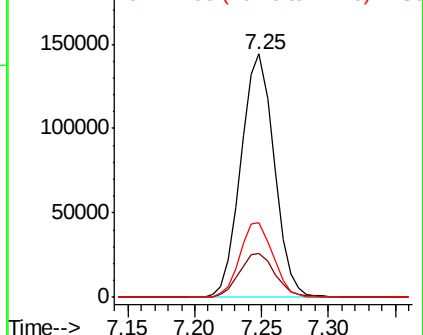
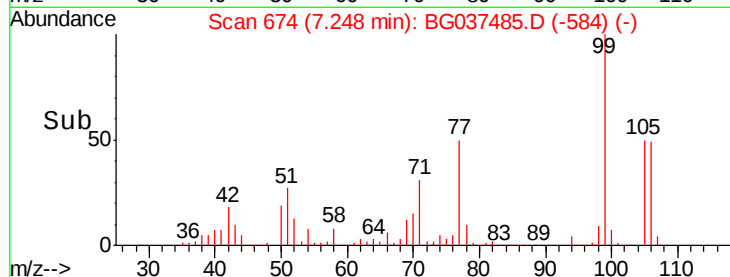


Abundance

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: 37.630 ng

RT: 7.67 min Scan# 745

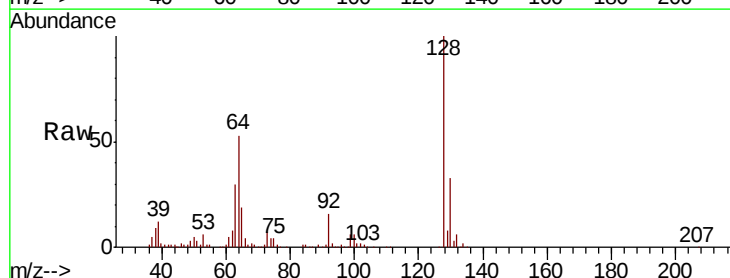
Delta R.T. -0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

Tgt Ion: 128 Resp: 184370

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.0	52.0
64	53.4	32.9	72.9

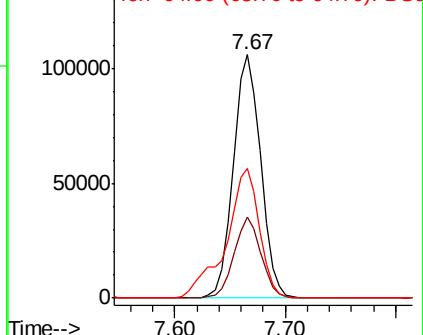
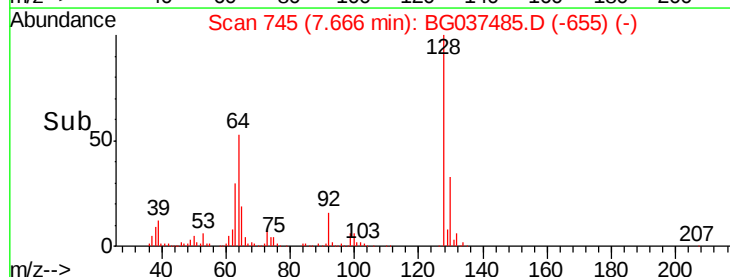


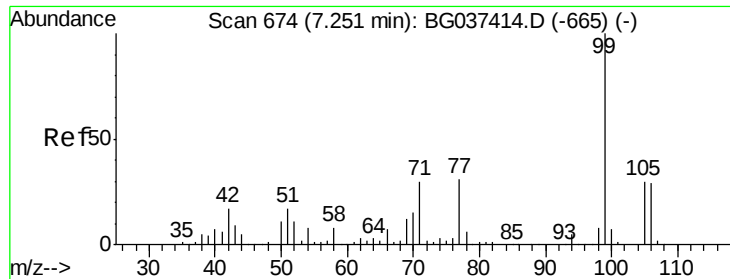
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 33.459 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

Instrument :

BNA_G

ClientSampled :

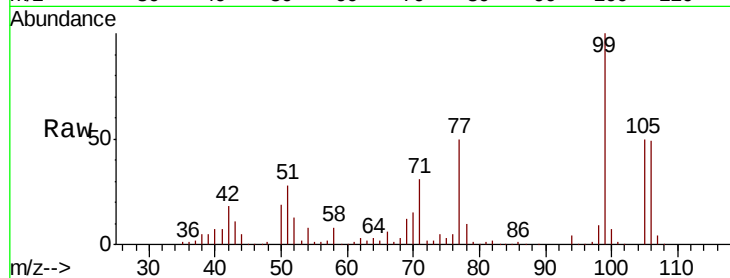
Tot Ion: 77 Resp: 132550

Ion Ratio Lower Upper

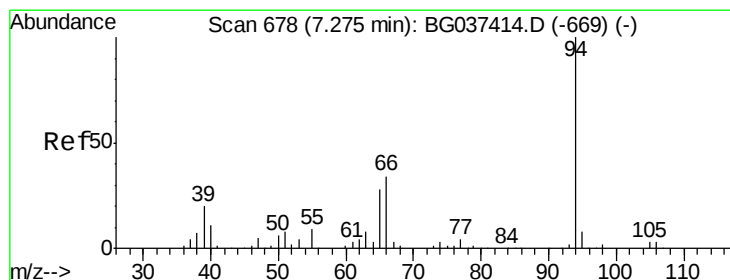
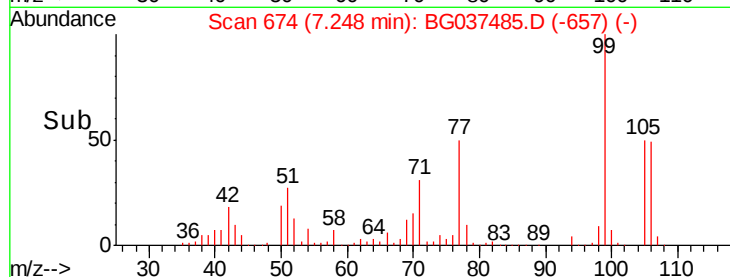
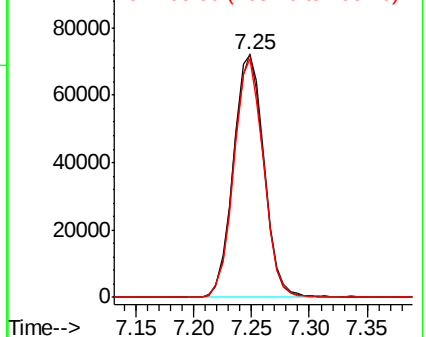
77 100

105 100.5 72.6 112.6

106 98.7 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: 19.009 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

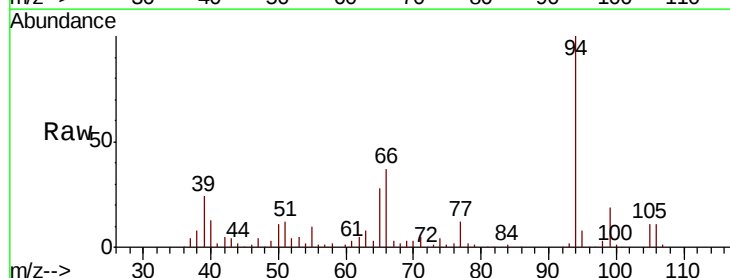
Tgt Ion: 94 Resp: 127020

Ion Ratio Lower Upper

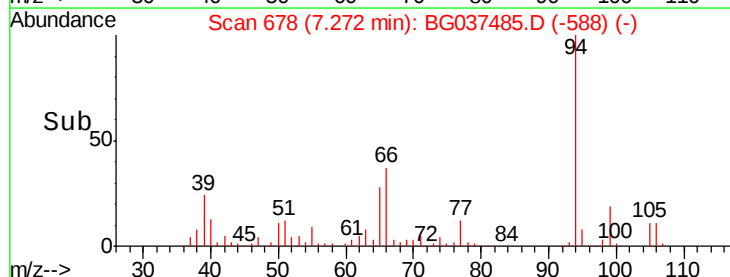
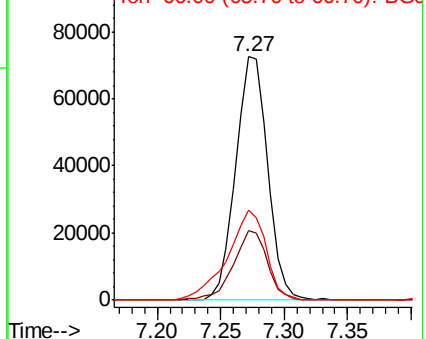
94 100

65 28.4 9.7 49.7

66 37.1 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

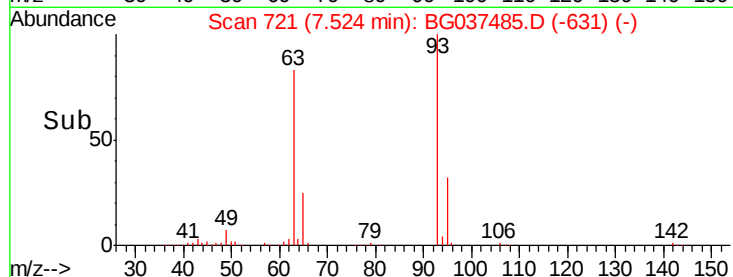
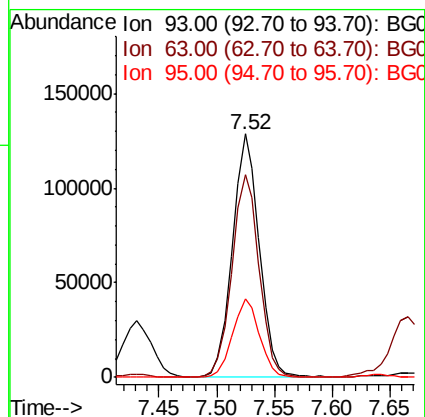
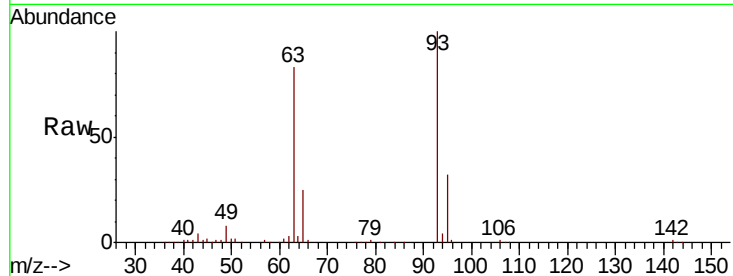




#11
bis(2-Chloroethyl)ether
Concen: 40.859 ng
RT: 7.52 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

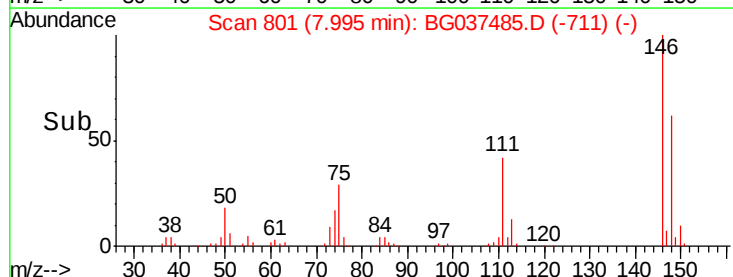
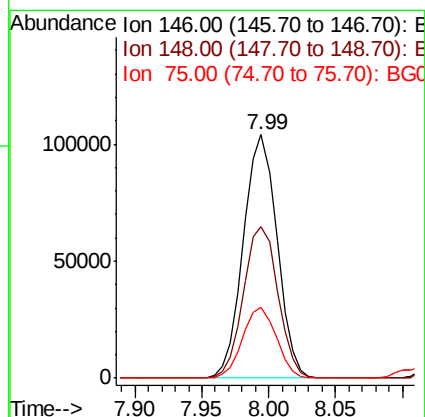
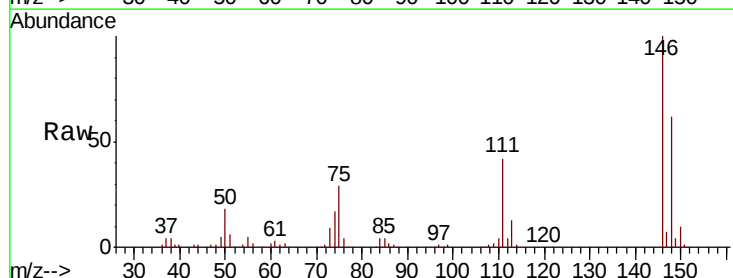
Instrument :
BNA_G
ClientSampleId :

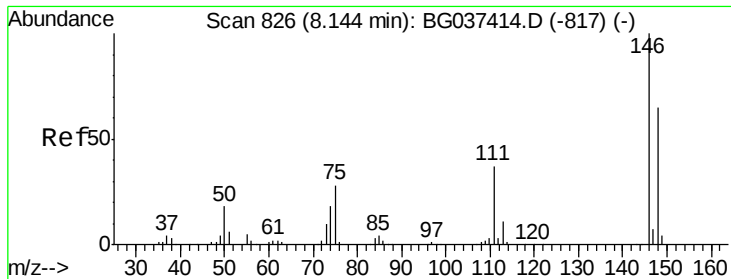
Tot Ion	93	Resp	207360
Ion	Ratio	Lower	Upper
93	100		
63	83.1	69.5	109.5
95	32.1	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 33.261 ng
RT: 7.99 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Tgt Ion	146	Resp	181422
Ion	Ratio	Lower	Upper
146	100		
148	62.4	49.8	74.8
75	28.9	23.2	34.8

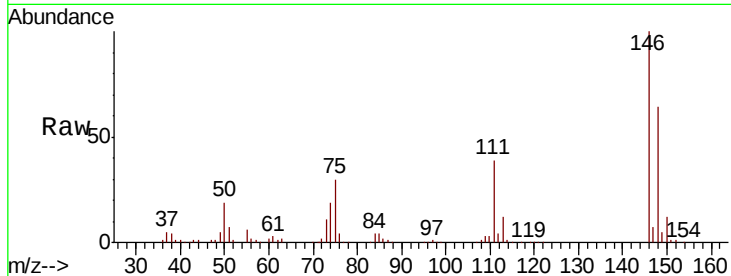




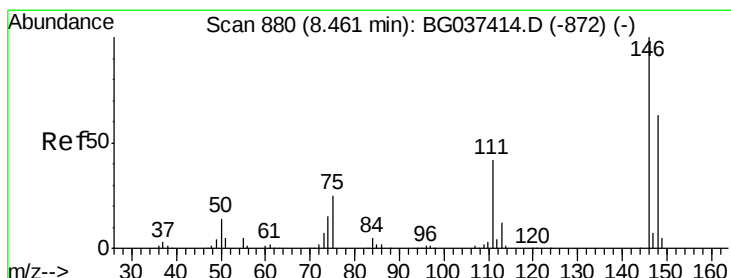
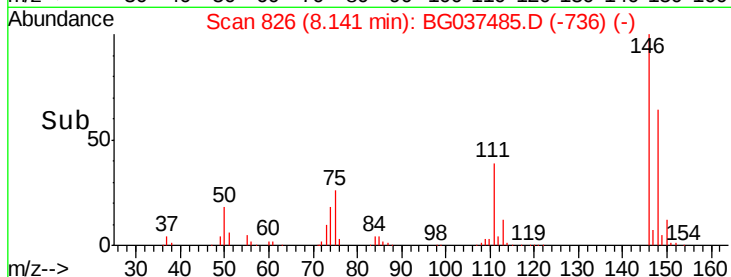
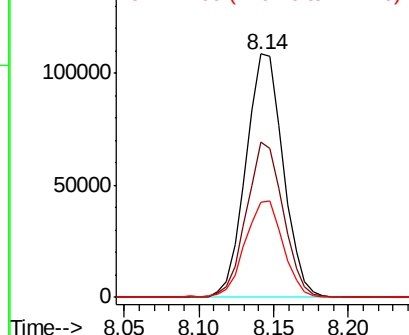
#13
 1,4-Dichlorobenzene
 Concen: 33.530 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037485.D
 Acq: 23 Oct 2018 20:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 187076
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.0 76.6
 111 39.0 32.4 48.6

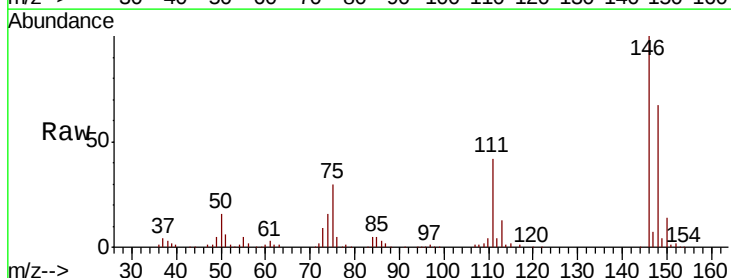


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

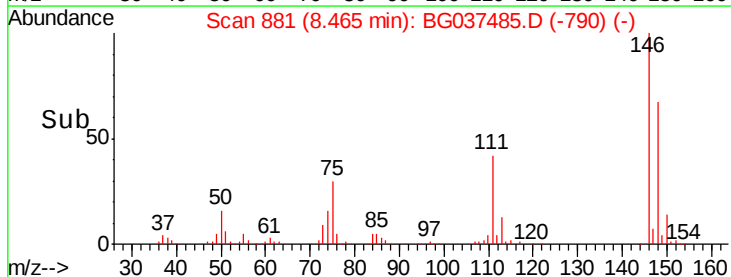
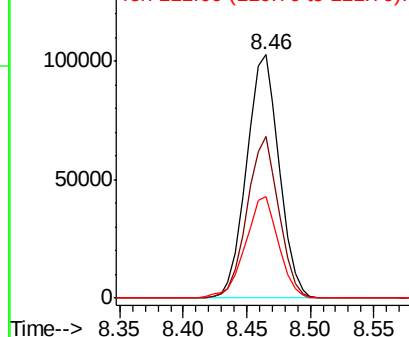


#14
 1,2-Dichlorobenzene
 Concen: 34.200 ng
 RT: 8.46 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BG037485.D
 Acq: 23 Oct 2018 20:47

Tgt Ion:146 Resp: 183557
 Ion Ratio Lower Upper
 146 100
 148 66.7 50.4 75.6
 111 41.8 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: 24.122 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

Instrument :

BNA_G

ClientSampleId :

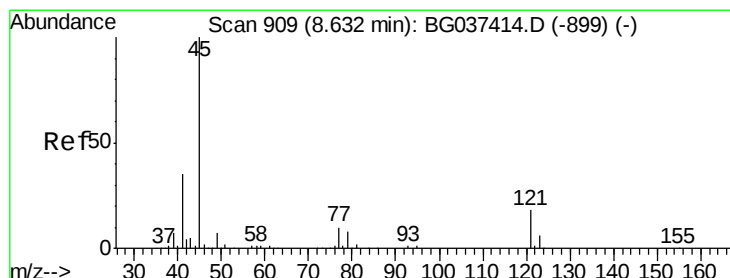
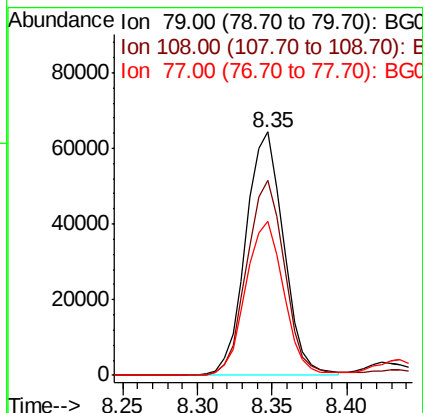
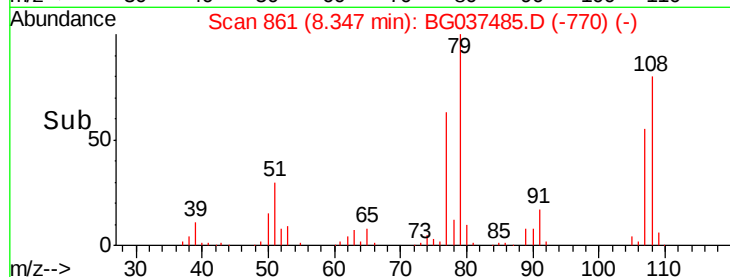
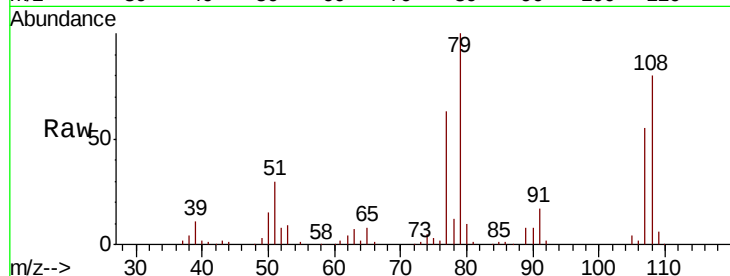
Tot Ion: 79 Resp: 112880

Ion Ratio Lower Upper

79 100

108 80.3 65.8 98.8

77 63.2 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.077 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

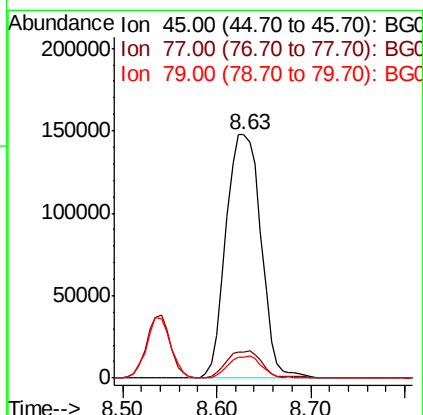
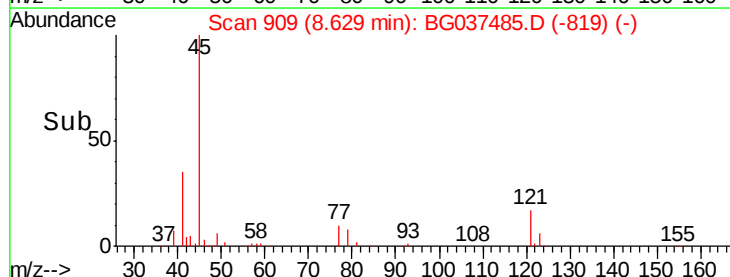
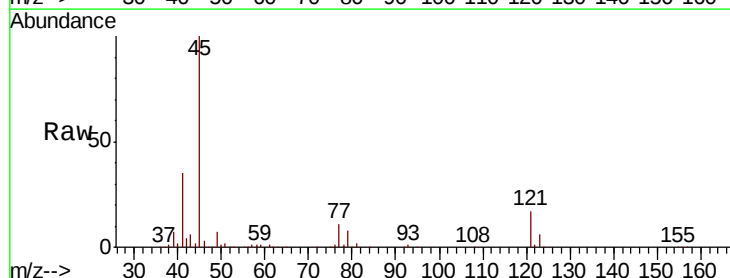
Tgt Ion: 45 Resp: 382086

Ion Ratio Lower Upper

45 100

77 10.7 0.0 30.0

79 8.4 0.0 29.0

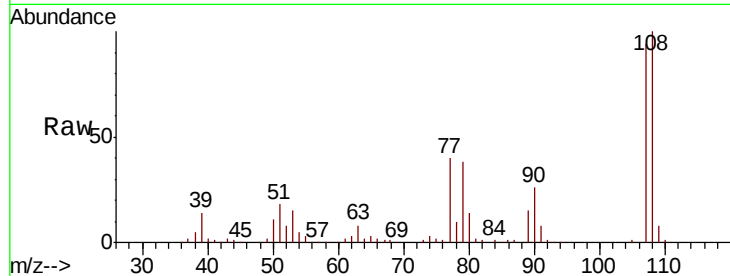




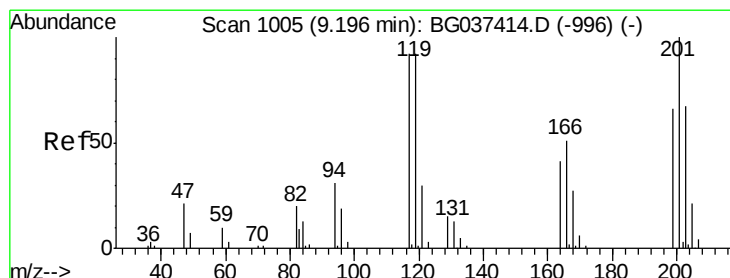
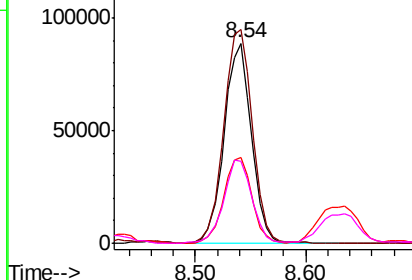
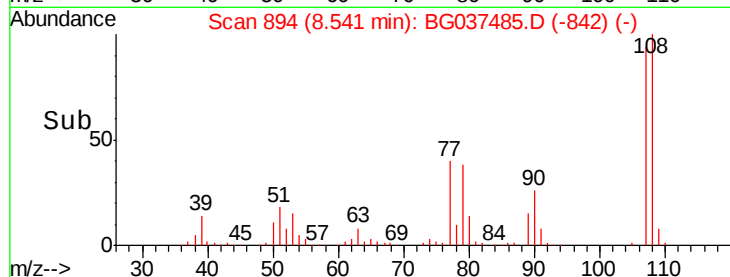
#17
2-Methylphenol
Concen: 34.818 ng
RT: 8.54 min Scan# 894
Delta R.T. 0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	153812
Ion	Ratio	Lower	Upper
107	100		
108	106.9	87.9	131.9
77	43.2	35.1	52.7
79	40.8	34.5	51.7

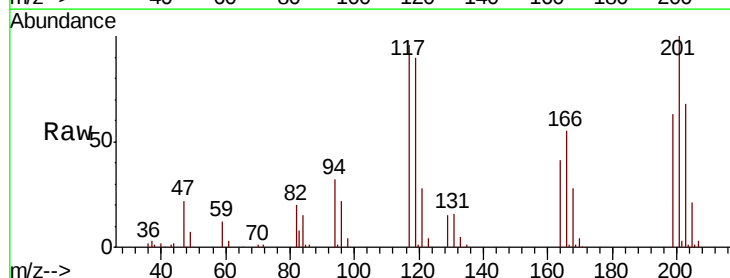


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

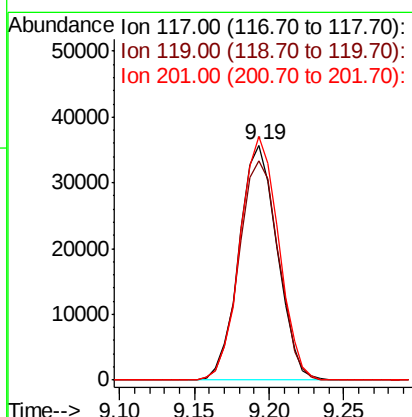
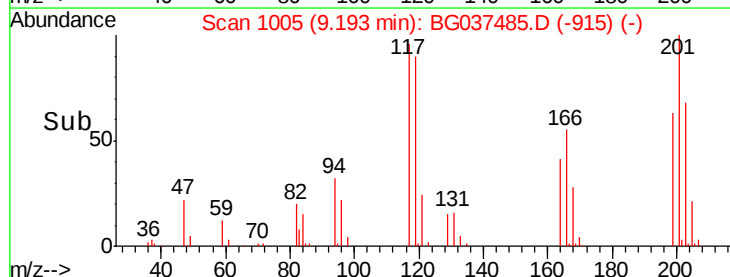


#18
Hexachloroethane
Concen: 33.265 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Tgt Ion:	117	Resp:	63274
Ion	Ratio	Lower	Upper
117	100		
119	93.5	74.6	111.8
201	106.3	80.8	121.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

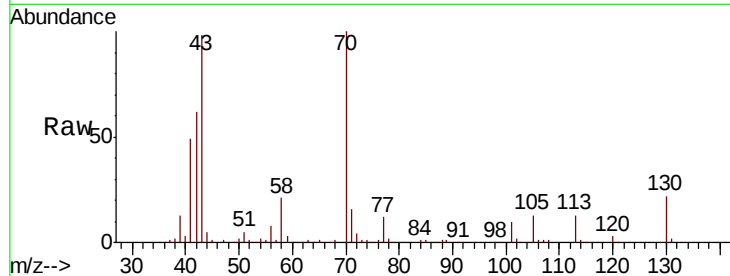




#19
n-Nitroso-di-n-propylamine
Concen: 41.183 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	179601
Ion	Ratio	Lower	Upper
70	100		
42	61.9	53.9	80.9
101	9.8	8.2	12.2
130	22.4	18.2	27.4



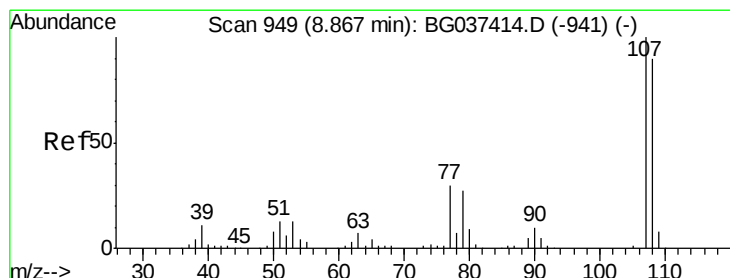
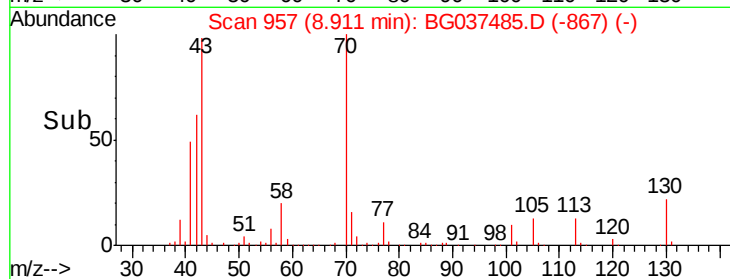
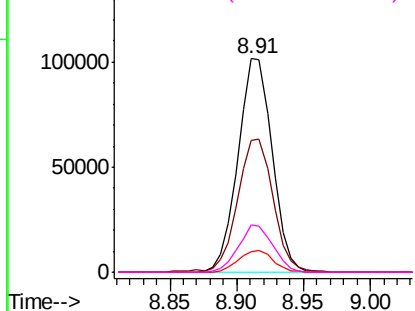
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

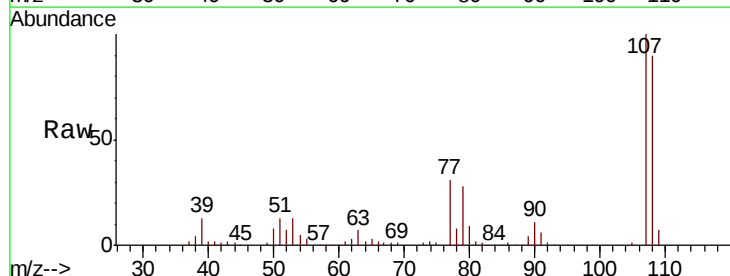
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 30.236 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Tgt Ion:	107	Resp:	190972
Ion	Ratio	Lower	Upper
107	100		
108	90.3	69.9	109.9
77	31.0	11.2	51.2
79	27.8	6.6	46.6



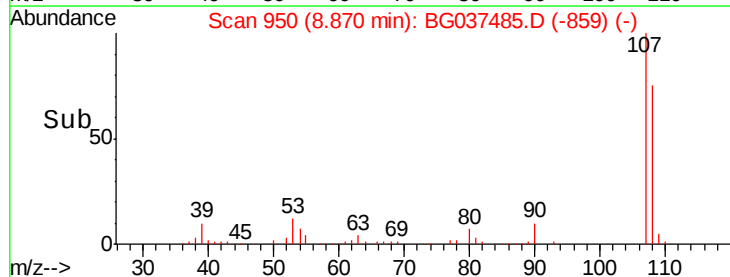
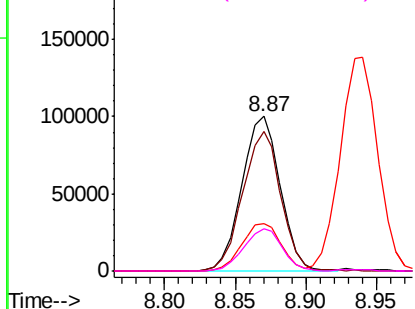
Abundance

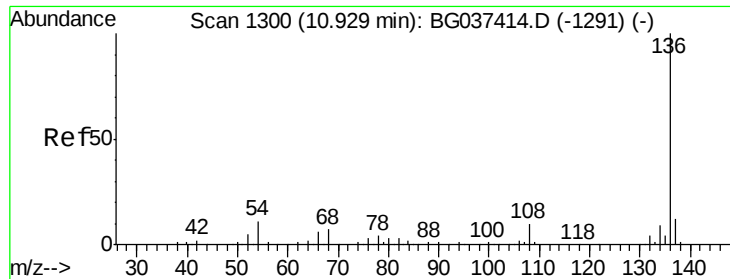
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

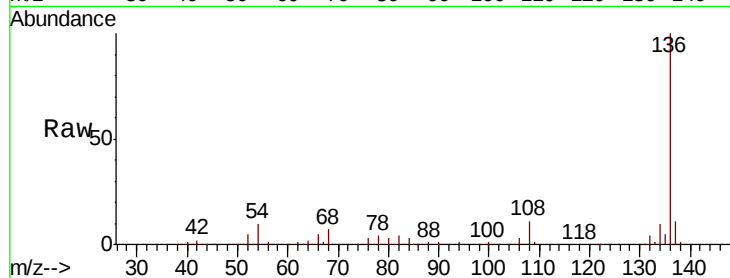




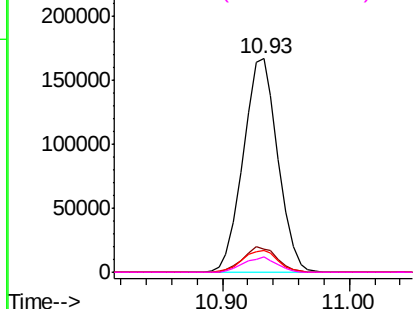
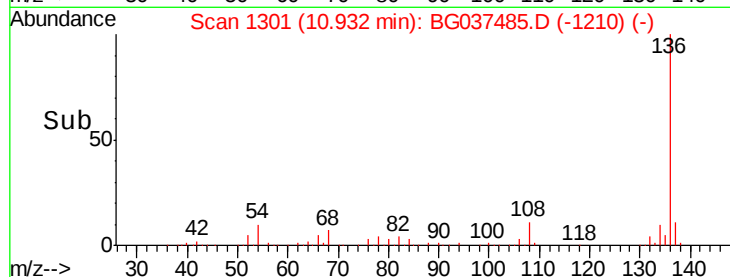
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	314690
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.6 14.4
54	10.3	7.9 11.9
68	7.0	4.8 7.2

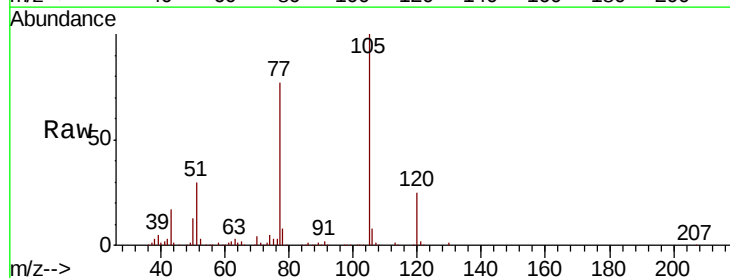


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

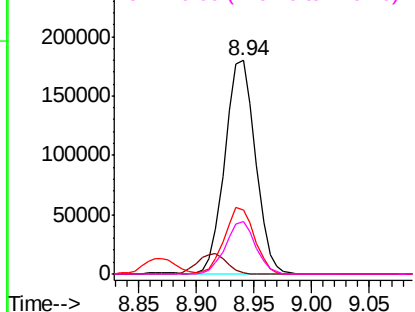
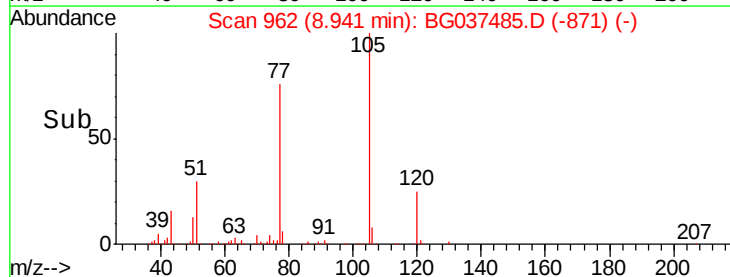


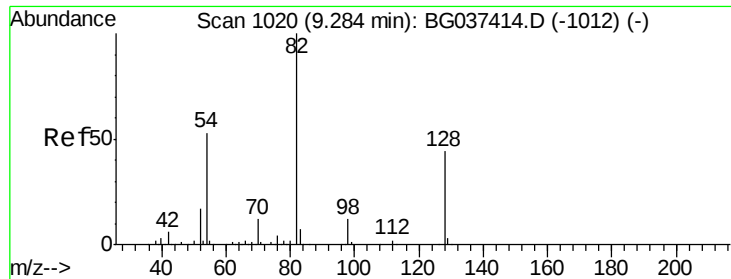
#22
Acetophenone
Concen: 41.881 ng
RT: 8.94 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Tgt Ion:105	Resp:	330535
Ion	Ratio	Lower Upper
105	100	
71	0.7	1.2 1.8#
51	30.3	25.0 37.6
120	24.6	18.6 28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

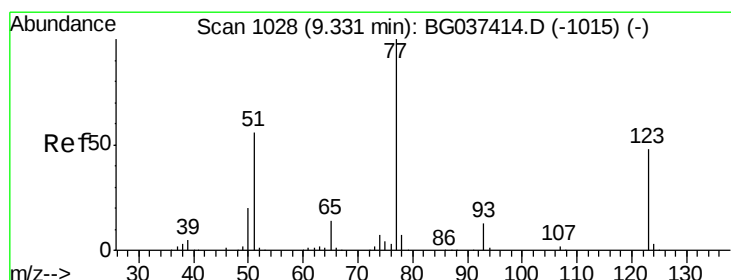
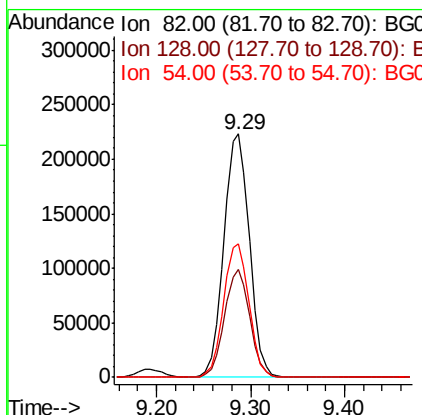
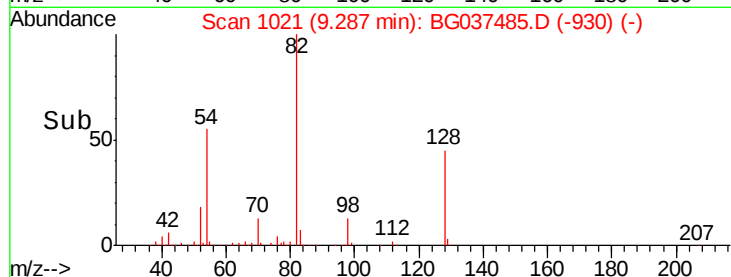
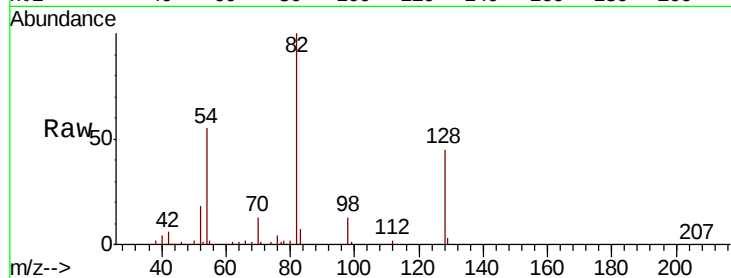




#23
 Nitrobenzene-d5
 Concen: 74.983 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG037485.D
 Acq: 23 Oct 2018 20:47

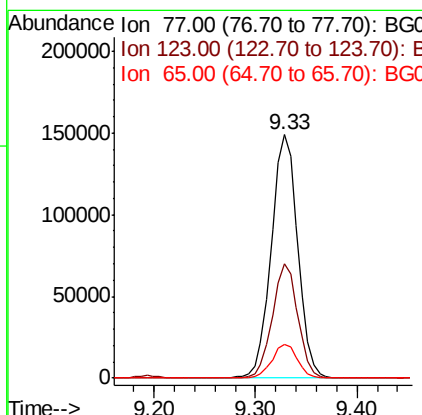
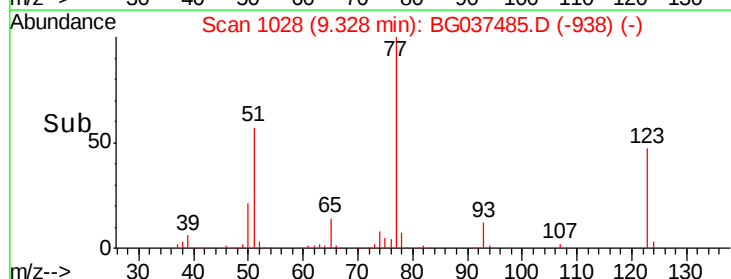
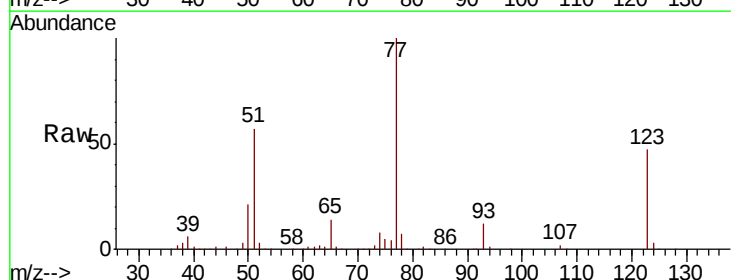
Instrument :
 BNA_G
 ClientSampled :

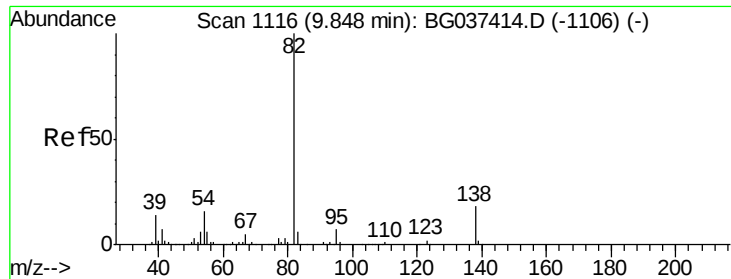
Tot Ion	82	Resp	421219
Ion Ratio	100		
Lower			
Upper			
128	44.6	34.6	51.8
54	55.1	45.3	67.9



#24
 Nitrobenzene
 Concen: 46.416 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG037485.D
 Acq: 23 Oct 2018 20:47

Tgt Ion	77	Resp	270877
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
123	46.8	33.6	50.4
65	13.6	11.3	16.9





#25

Isophorone

Concen: 49.884 ng

RT: 9.85 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

Instrument :

BNA_G

ClientSampleId :

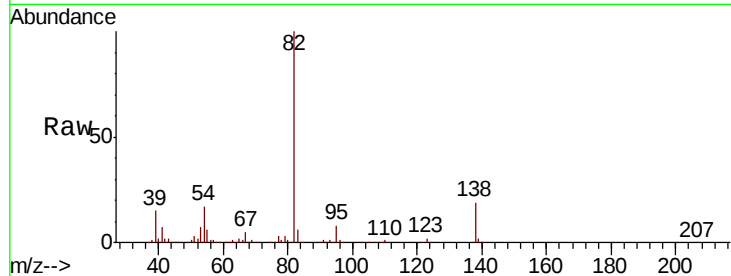
Tot Ion: 82 Resp: 512018

Ion Ratio Lower Upper

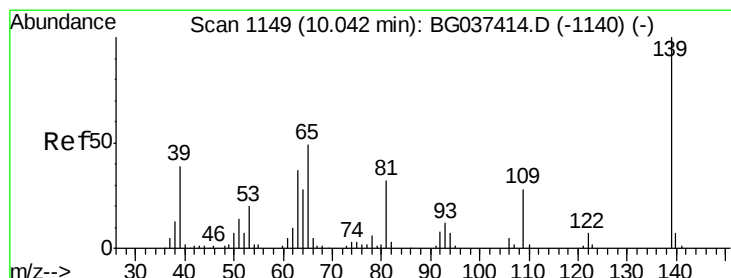
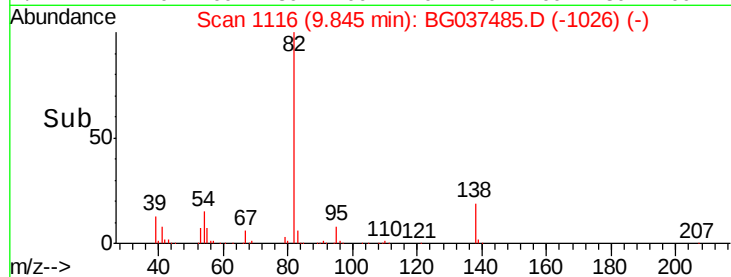
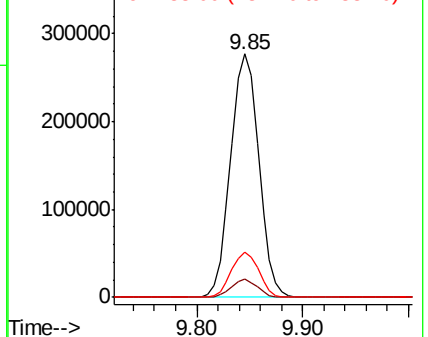
82 100

95 7.6 5.3 7.9

138 18.8 13.3 19.9



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



#26

2-Nitrophenol

Concen: 42.240 ng

RT: 10.04 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

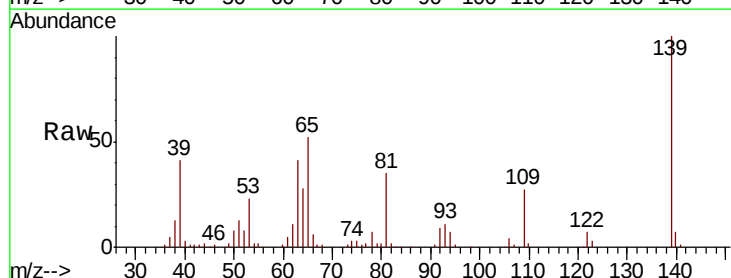
Tgt Ion: 139 Resp: 111049

Ion Ratio Lower Upper

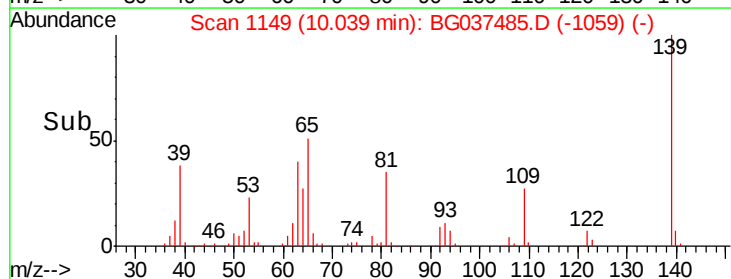
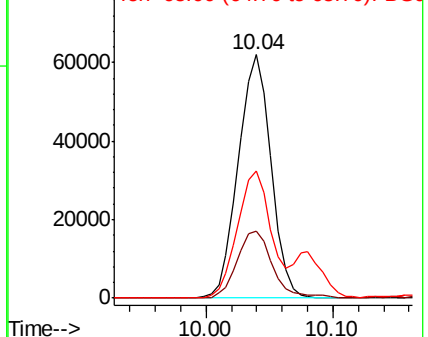
139 100

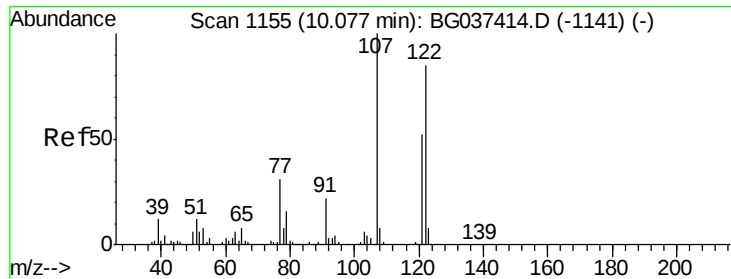
109 27.3 23.3 34.9

65 52.2 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

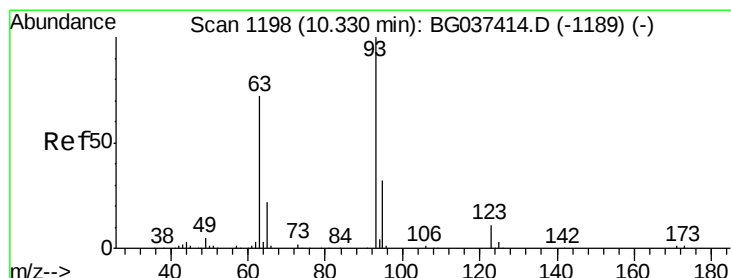
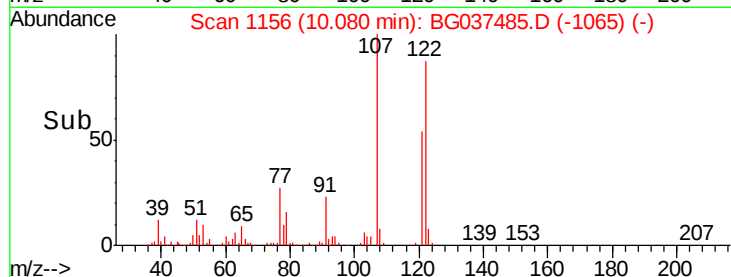
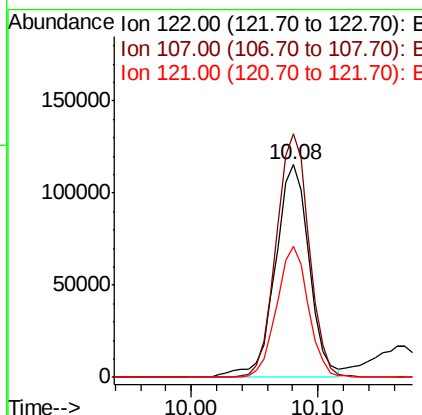
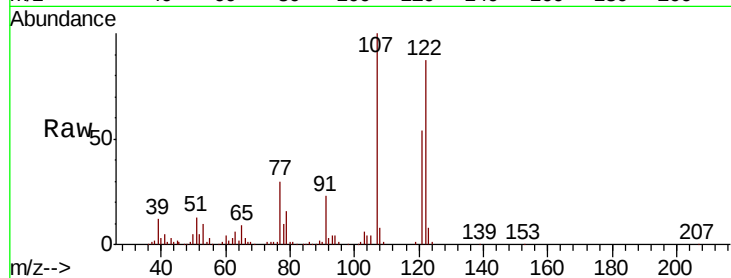




#27
2,4-Dimethylphenol
Concen: 45.845 ng
RT: 10.08 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

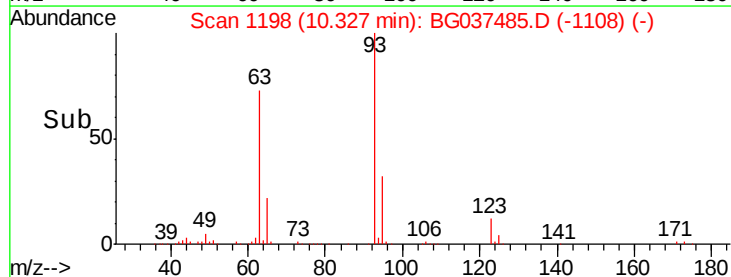
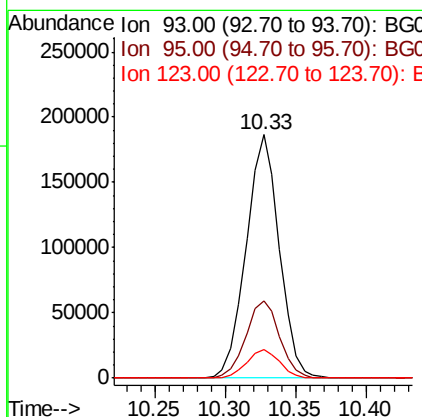
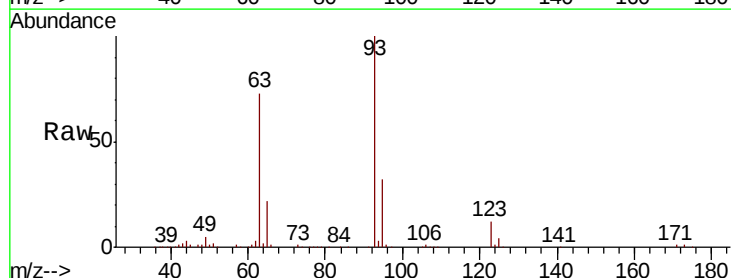
Instrument :
BNA_G
ClientSampleId :

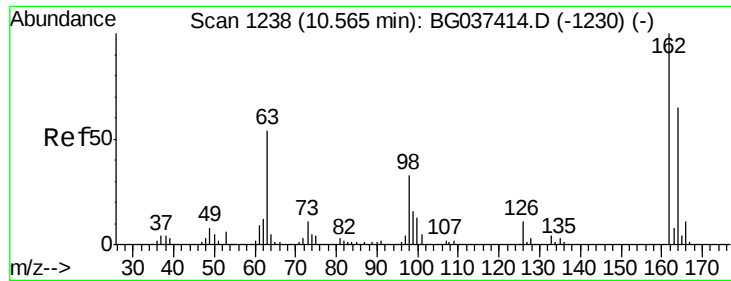
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	94.2	141.2
121	61.4	47.3	70.9



#28
bis(2-Chloroethoxy)methane
Concen: 45.605 ng
RT: 10.33 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	24.6	37.0
123	11.9	9.1	13.7

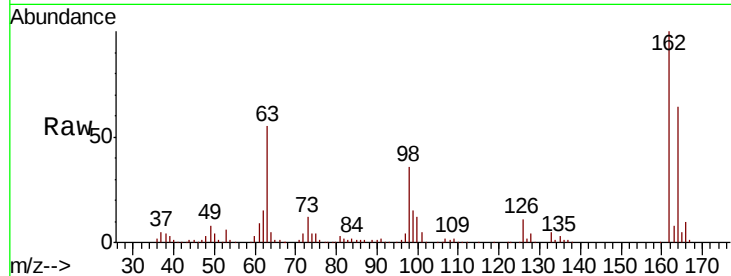




#29
 2,4-Dichlorophenol
 Concen: 42.024 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BG037485.D
 Acq: 23 Oct 2018 20:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.2	83.2
98	36.3	16.0	56.0

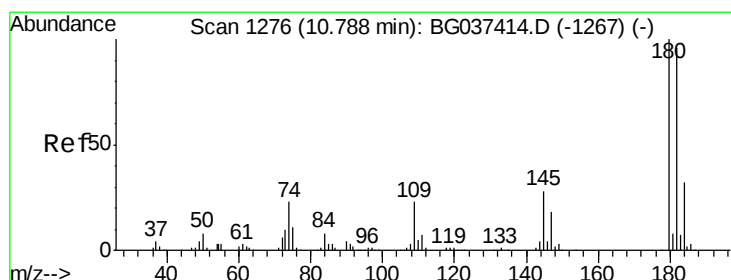
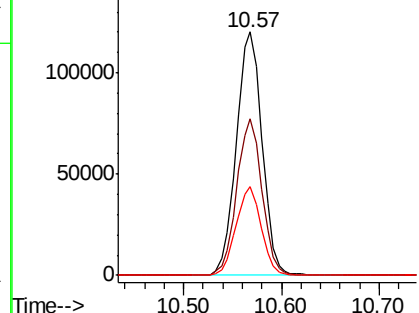
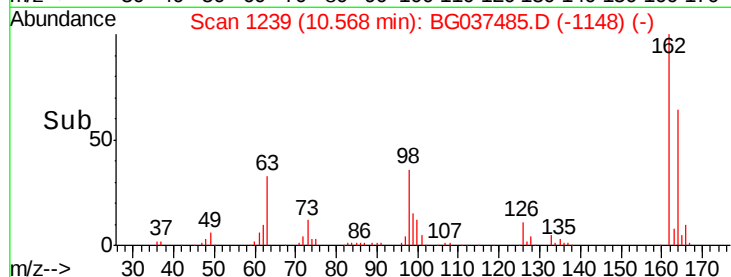


Abundance

Ion 162.00 (161.70 to 162.70): E

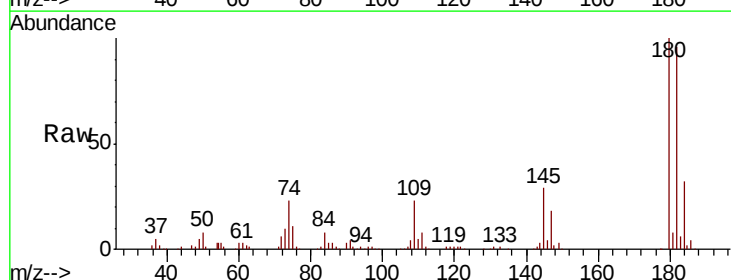
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 35.716 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG037485.D
 Acq: 23 Oct 2018 20:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.7	116.5
145	29.3	23.3	34.9

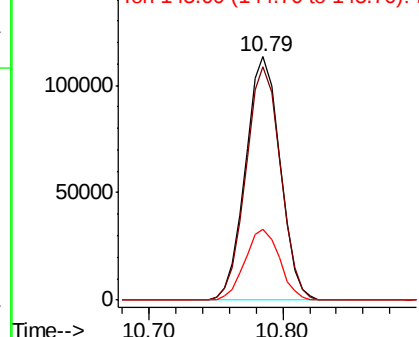
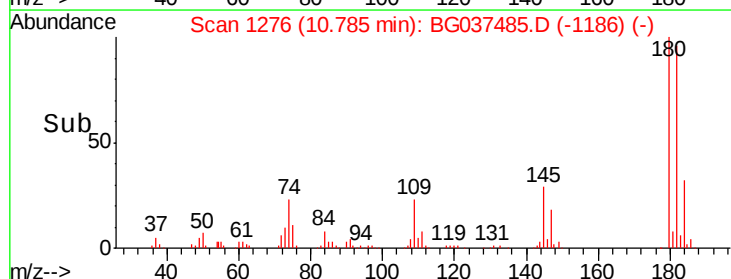


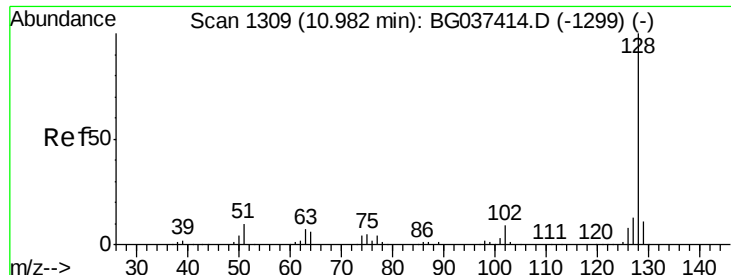
Abundance

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

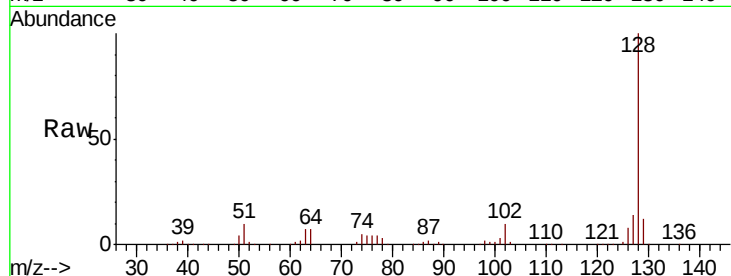




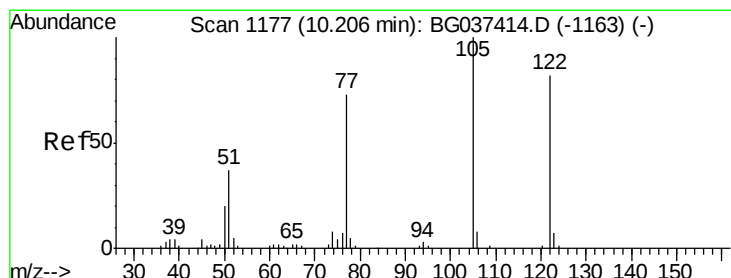
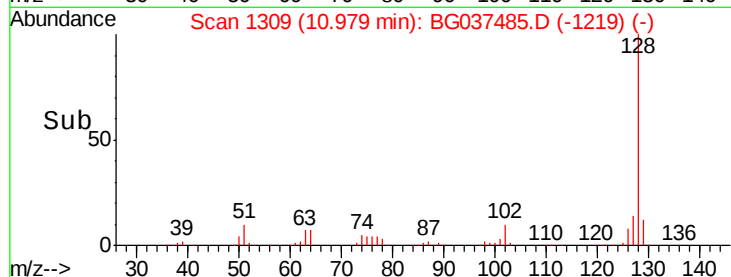
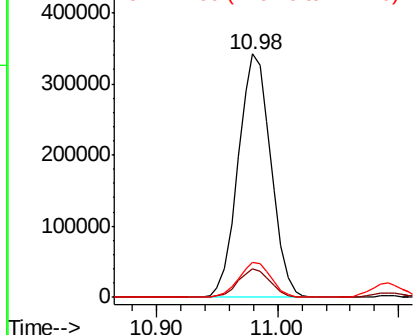
#31
Naphthalene
Concen: 41.599 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 642987
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 14.3 11.1 16.7

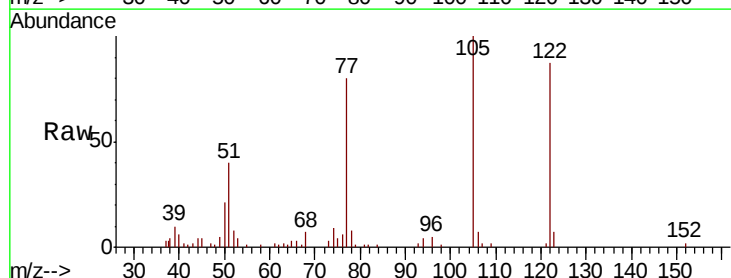


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

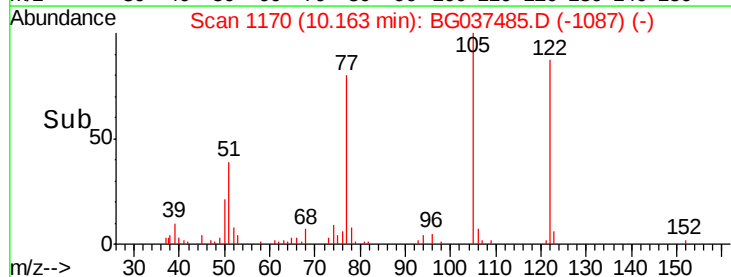
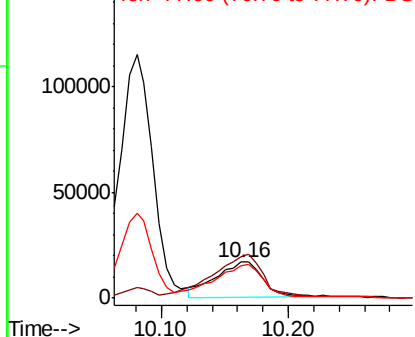


#32
Benzoic acid
Concen: 13.967 ng
RT: 10.16 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Tgt Ion:122 Resp: 42583
Ion Ratio Lower Upper
122 100
105 114.4 106.7 146.7
77 91.8 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

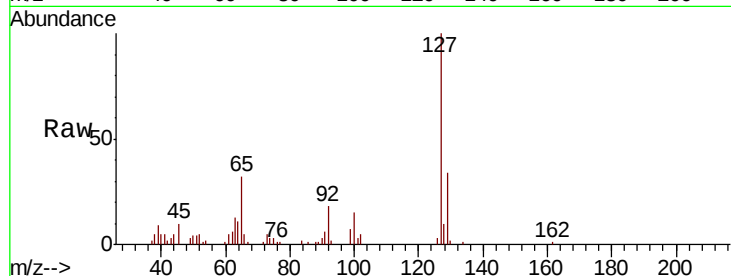




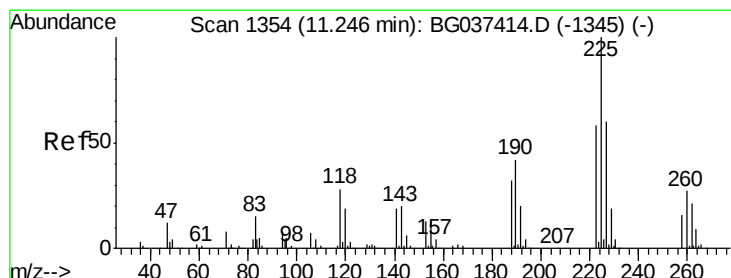
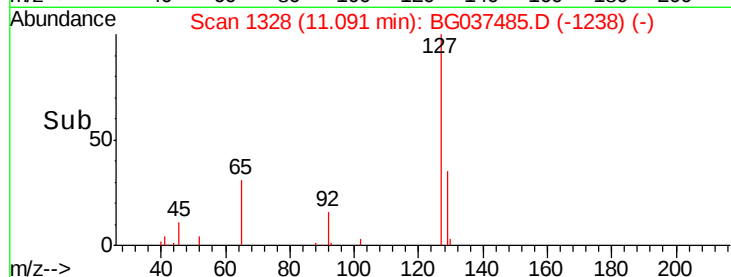
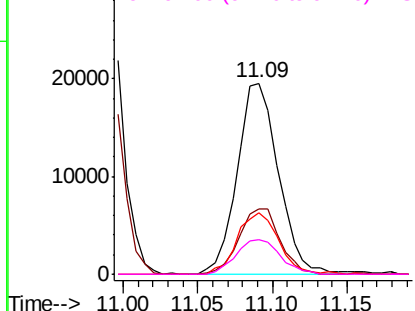
#33
4-Chloroaniline
Concen: 5.166 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	37519	
Ion Ratio	Lower	Upper	
127 100			
129 34.4	27.1	40.7	
65 32.5	26.6	39.8	
92 17.8	16.4	24.6	

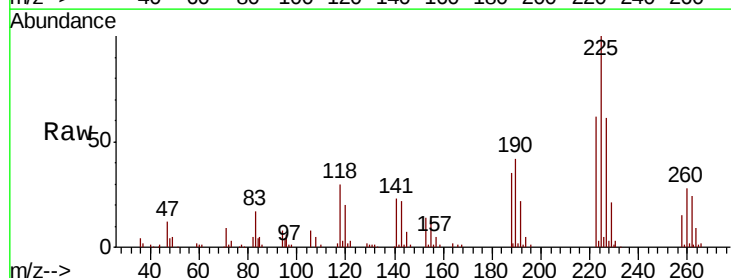


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

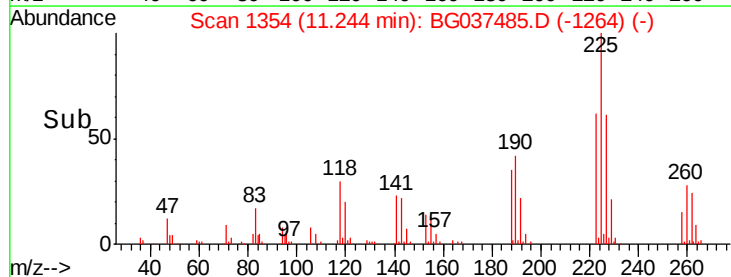
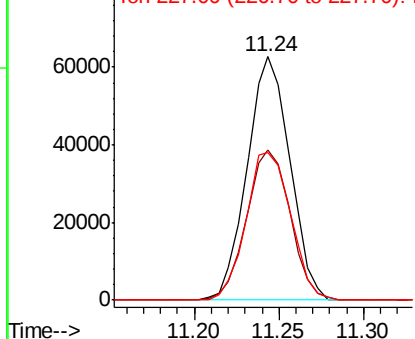


#34
Hexachlorobutadiene
Concen: 32.862 ng
RT: 11.24 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Tgt Ion	225	Resp: 110694	
Ion	Ratio	Lower	Upper
225	100		
223	62.4	48.2	72.4
227	61.1	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

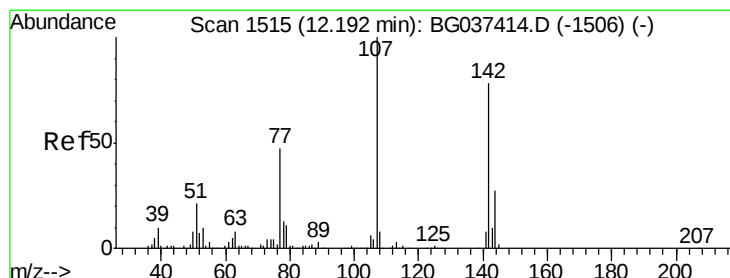
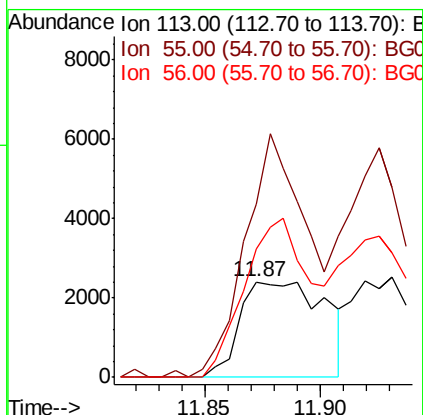
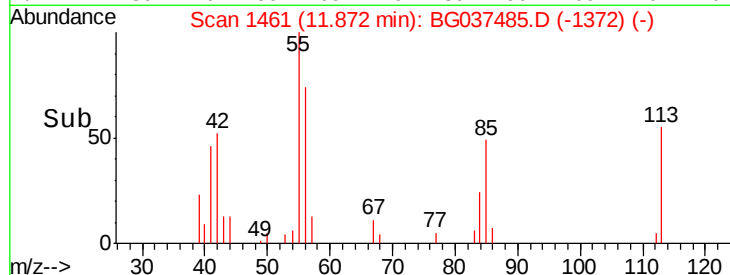
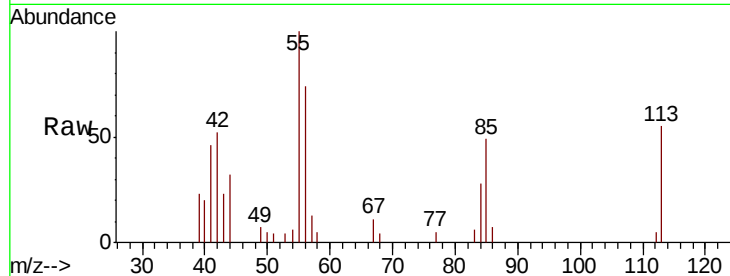




#35
Caprolactam
Concen: 2.943 ng
RT: 11.87 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

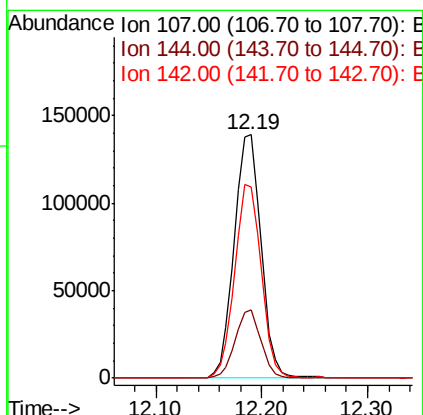
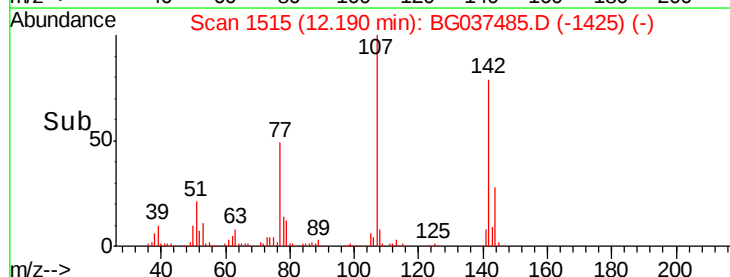
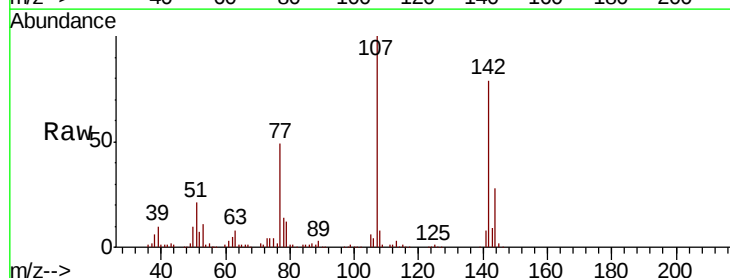
Instrument :
BNA_G
ClientSampleId :

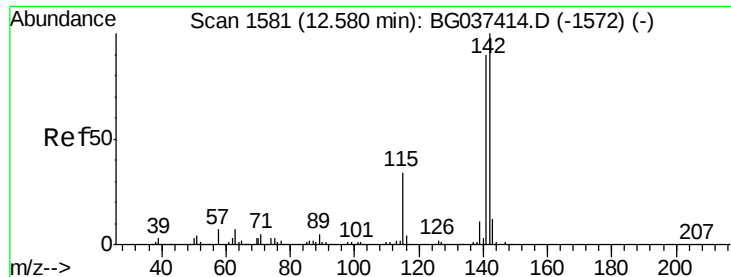
Tot Ion:113 Resp: 6168
Ion Ratio Lower Upper
113 100
55 181.3 176.6 216.6
56 134.5 128.3 168.3



#36
4-Chloro-3-methylphenol
Concen: 41.511 ng
RT: 12.19 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Tgt Ion:107 Resp: 244672
Ion Ratio Lower Upper
107 100
144 27.9 20.7 31.1
142 78.7 64.4 96.6

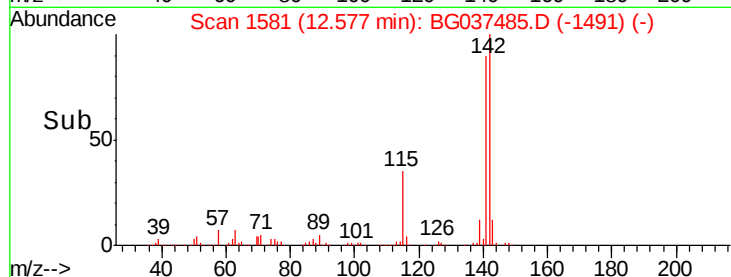
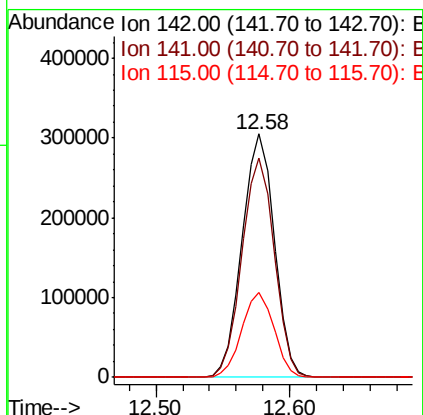
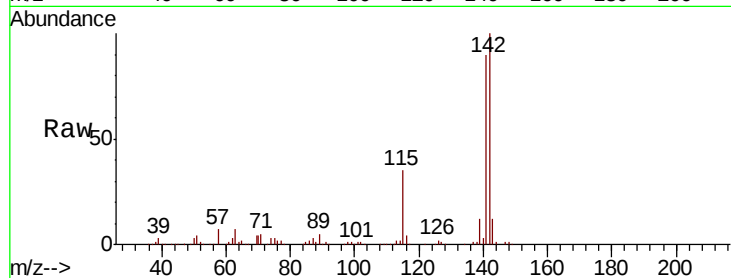




#37
 2-Methylnaphthalene
 Concen: 45.280 ng
 RT: 12.58 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BG037485.D
 Acq: 23 Oct 2018 20:47

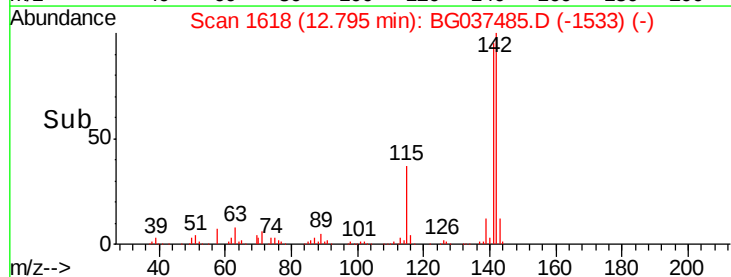
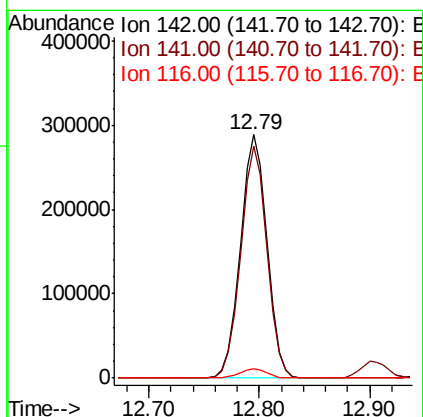
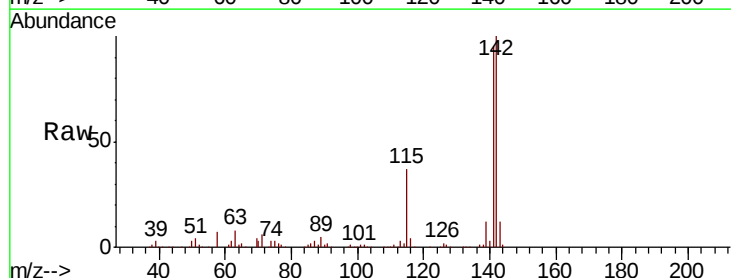
Instrument :
 BNA_G
 ClientSampleId :

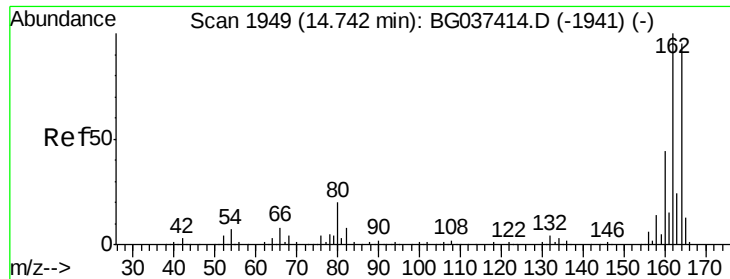
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.9	107.9
115	34.9	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 44.464 ng
 RT: 12.79 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BG037485.D
 Acq: 23 Oct 2018 20:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.2	75.2	112.8
116	3.7	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: BG037485.D

Acq: 23 Oct 2018 20:47

Instrument :

BNA_G

ClientSampleId :

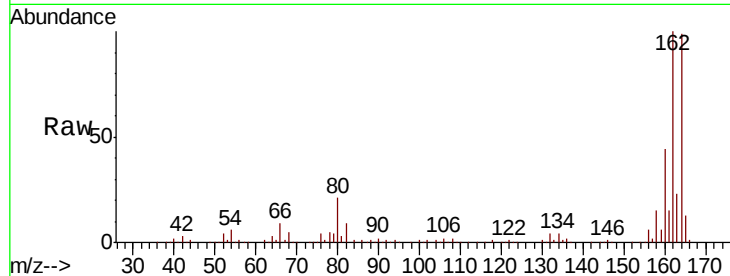
Tot Ion:164 Resp: 209062

Ion Ratio Lower Upper

164 100

162 101.2 81.3 121.9

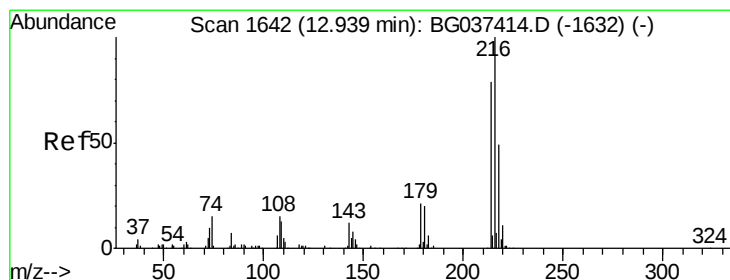
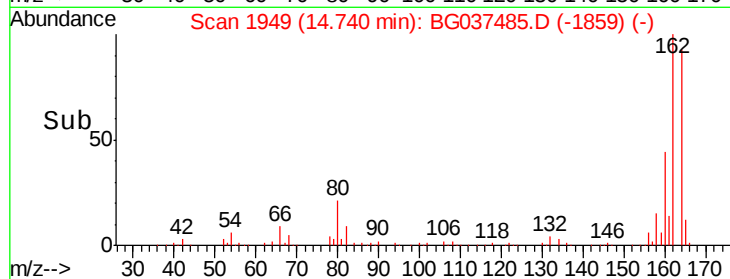
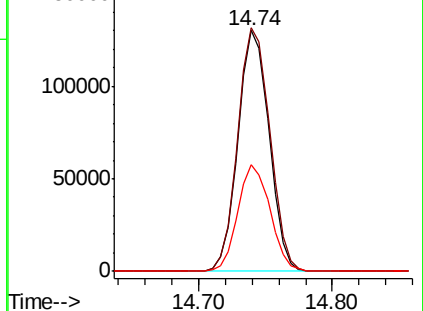
160 44.4 36.3 54.5



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: 37.812 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

Tgt Ion:216 Resp: 254982

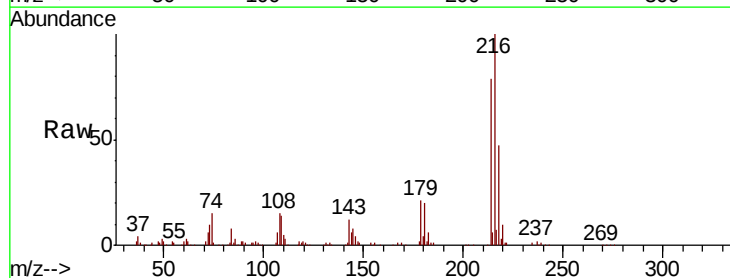
Ion Ratio Lower Upper

216 100

214 81.7 63.8 95.6

179 21.5 17.4 26.0

108 19.7 13.9 20.9

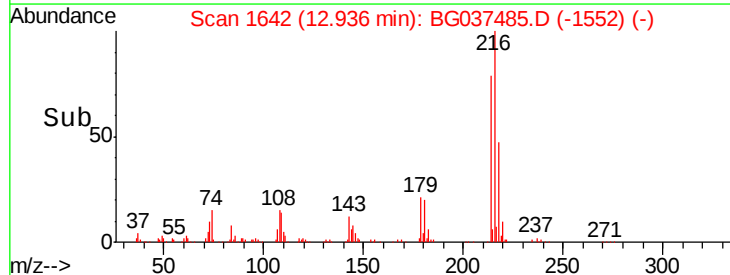
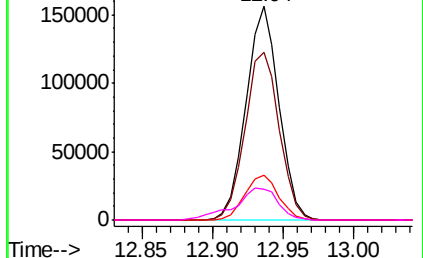


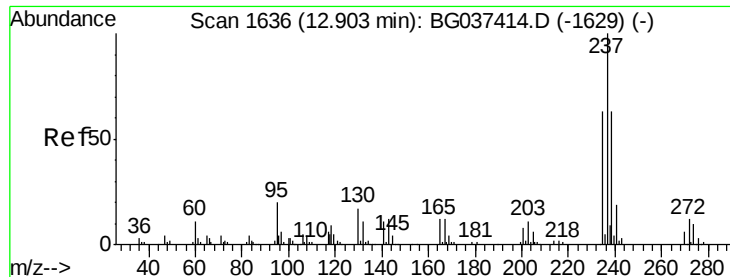
Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.873 ng

RT: 12.91 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

Instrument :

BNA_G

ClientSampleId :

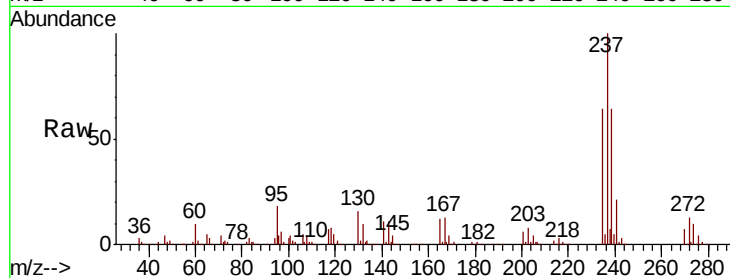
Tot Ion:237 Resp: 286272

Ion Ratio Lower Upper

237 100

235 63.5 42.5 82.5

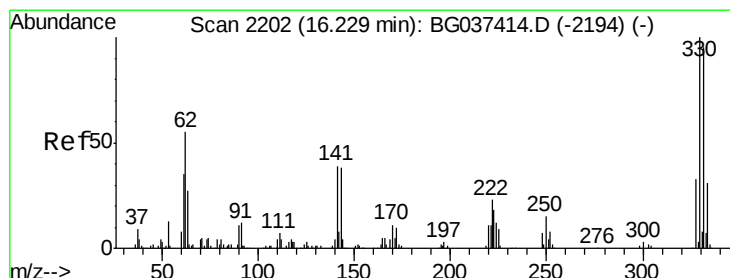
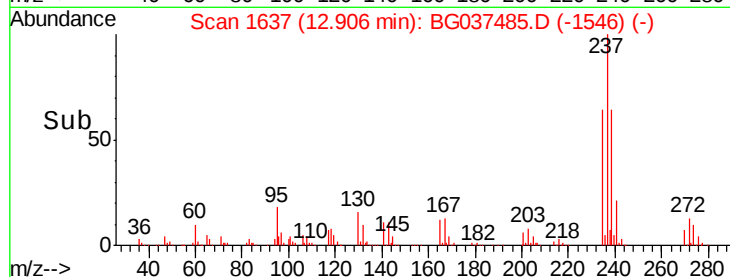
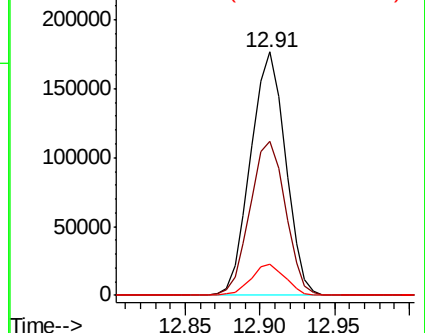
272 12.9 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 111.380 ng

RT: 16.23 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

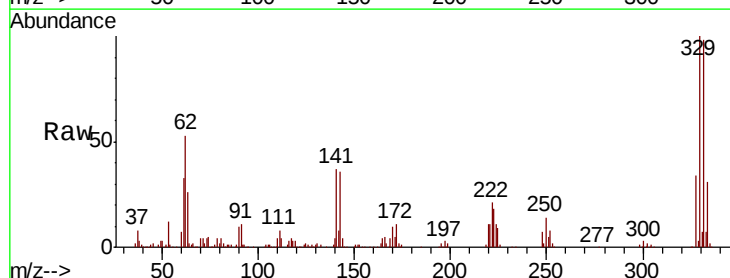
Tgt Ion:330 Resp: 253971

Ion Ratio Lower Upper

330 100

332 96.7 78.4 117.6

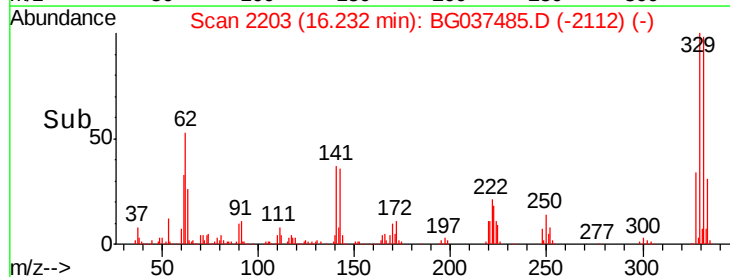
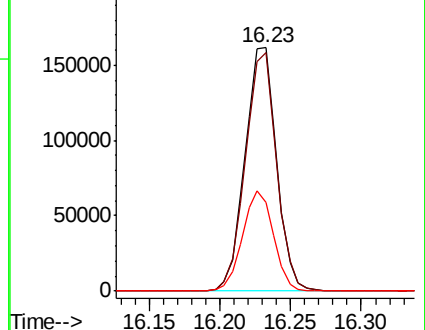
141 40.6 32.2 48.2

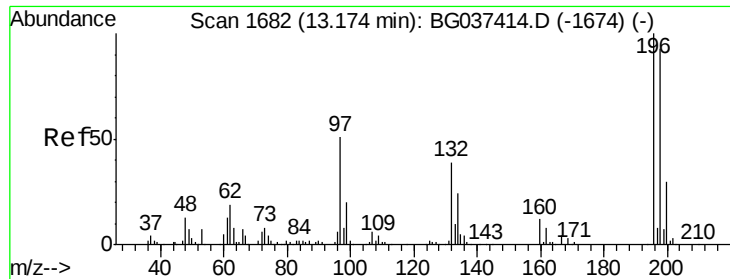


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

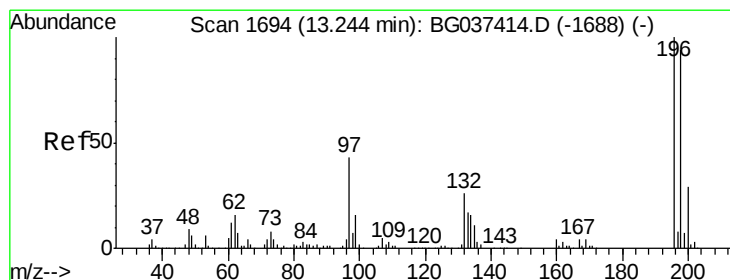
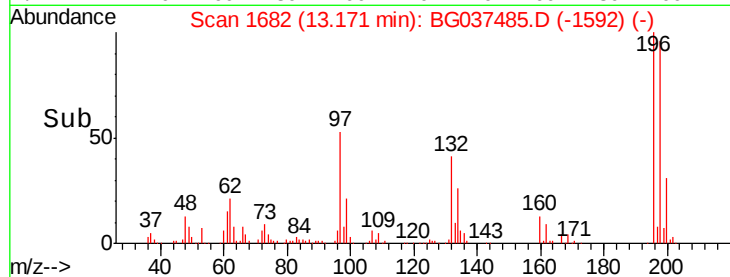
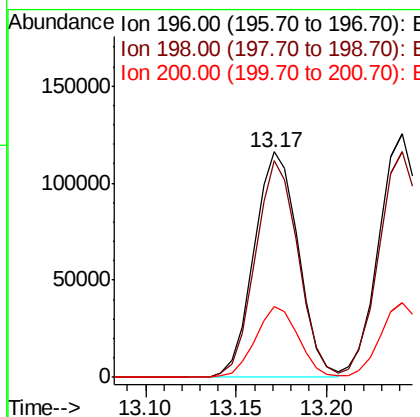
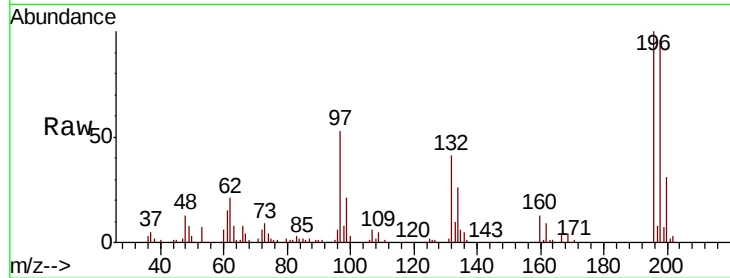




#43
 2,4,6-Trichlorophenol
 Concen: 43.703 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037485.D
 Acq: 23 Oct 2018 20:47

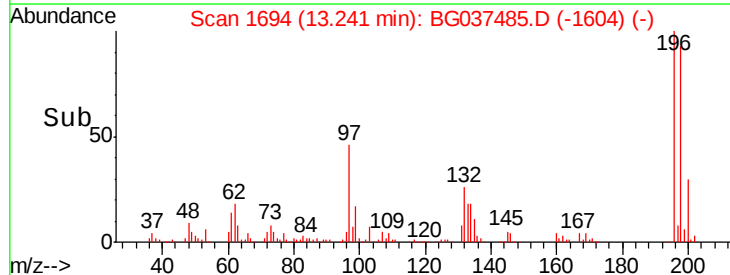
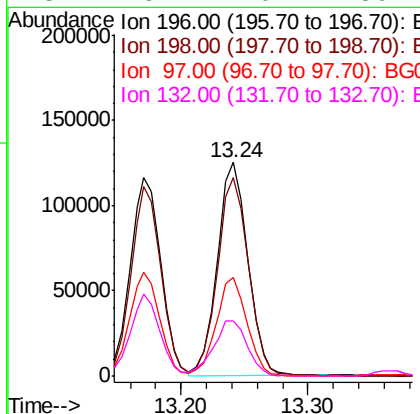
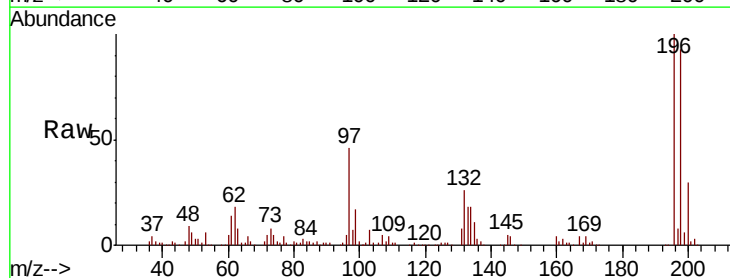
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	196888
Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.4	114.6
200	31.2	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 42.625 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037485.D
 Acq: 23 Oct 2018 20:47

Tgt Ion	196	Resp	209079
Ion	Ratio	Lower	Upper
196	100		
198	92.6	74.2	111.2
97	46.4	34.1	51.1
132	25.7	20.2	30.4

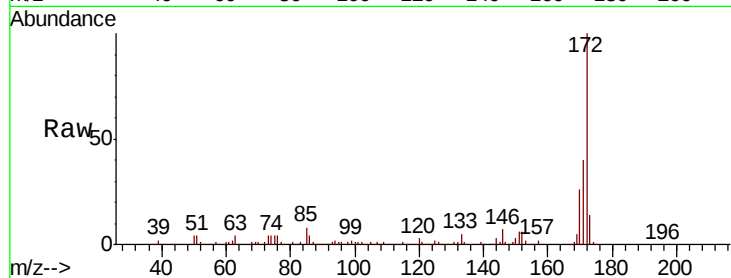




#45
2-Fluorobiphenyl
Concen: 69.282 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.1	31.0	46.4
170	25.7	20.2	30.2

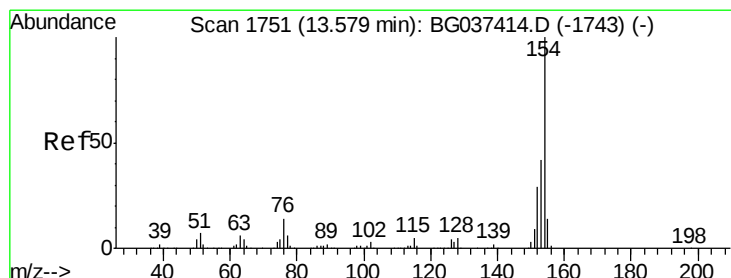
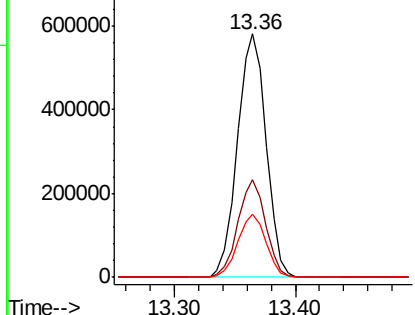
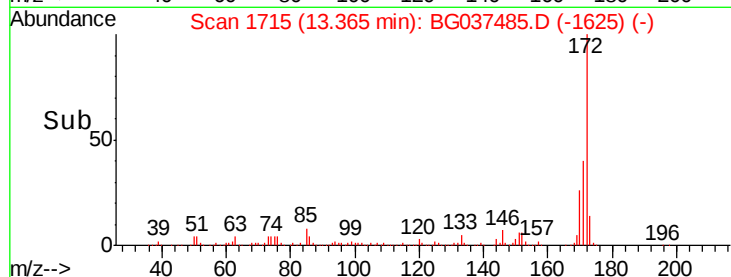


Abundance

Ion 172.00 (171.70 to 172.70): E

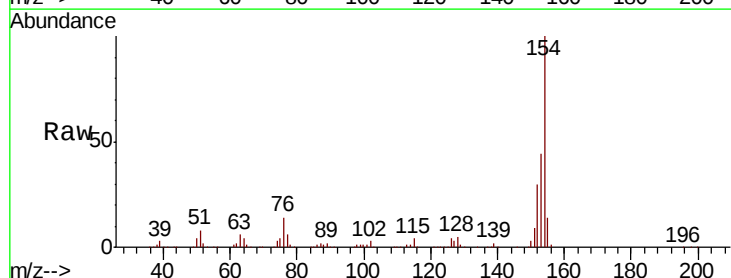
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.673 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.0	22.1	62.1
76	14.4	0.0	33.2

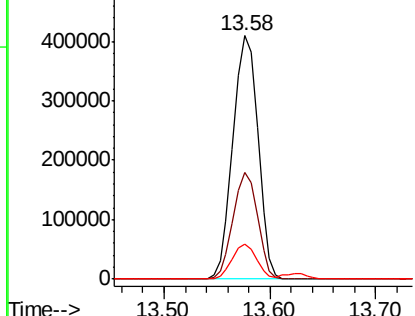
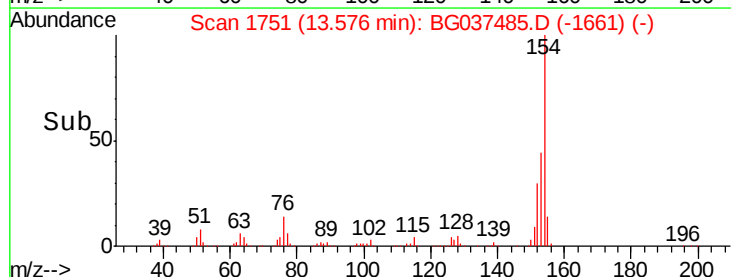


Abundance

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

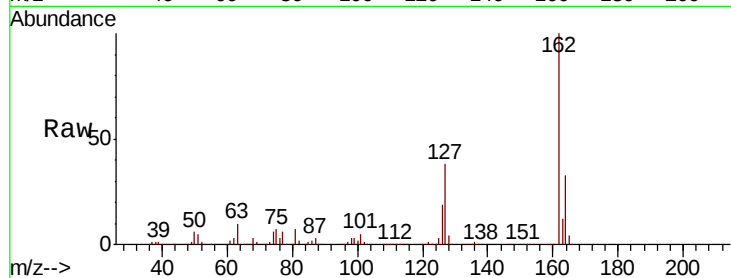




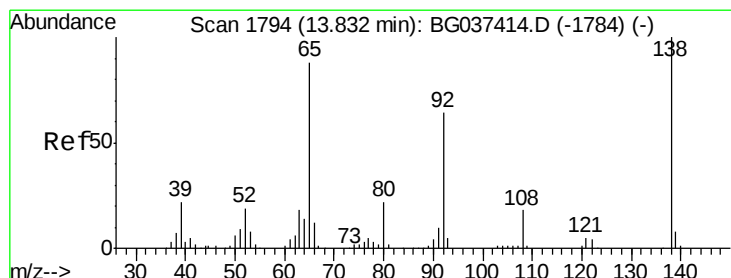
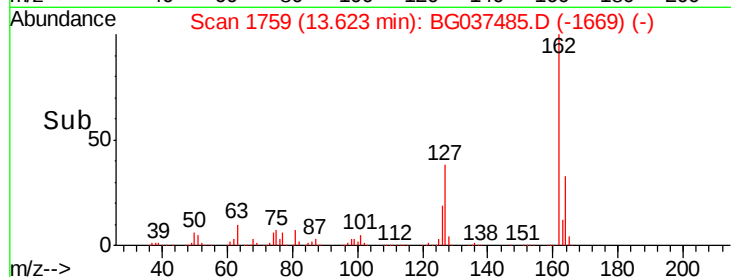
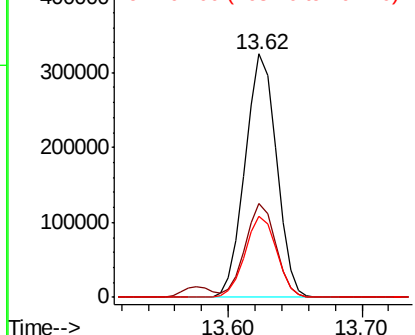
#47
 2-Chloronaphthalene
 Concen: 40.311 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG037485.D
 Acq: 23 Oct 2018 20:47

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	30.5	45.7
164	33.4	26.4	39.6

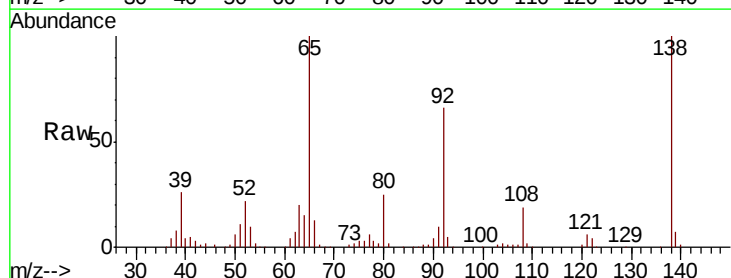


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

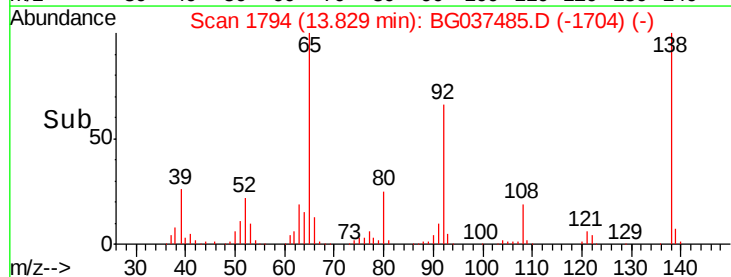
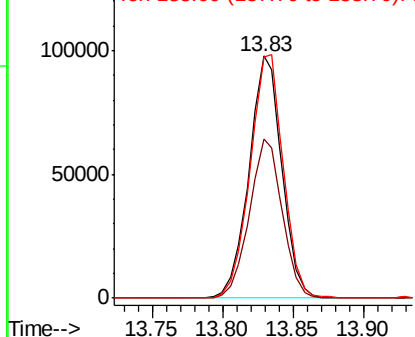


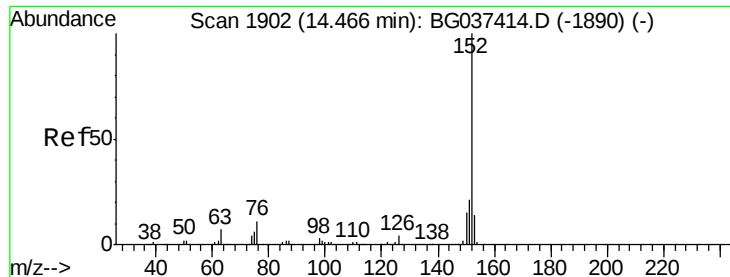
#48
 2-Nitroaniline
 Concen: 40.117 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG037485.D
 Acq: 23 Oct 2018 20:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.9	53.2	79.8
138	99.6	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: 44.671 ng

RT: 14.47 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

Instrument :

BNA_G

ClientSampleId :

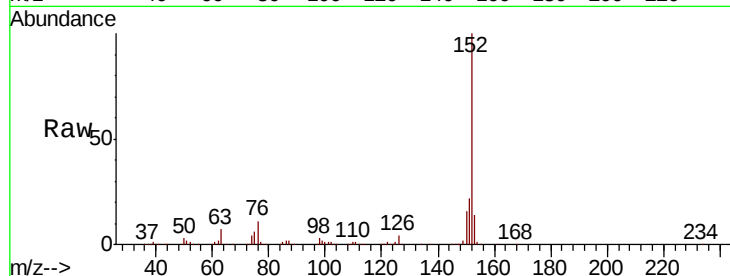
Tot Ion:152 Resp: 880209

Ion Ratio Lower Upper

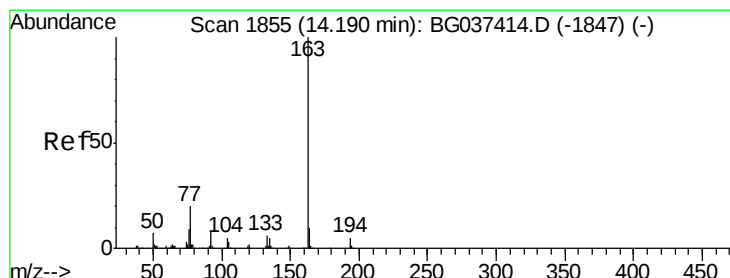
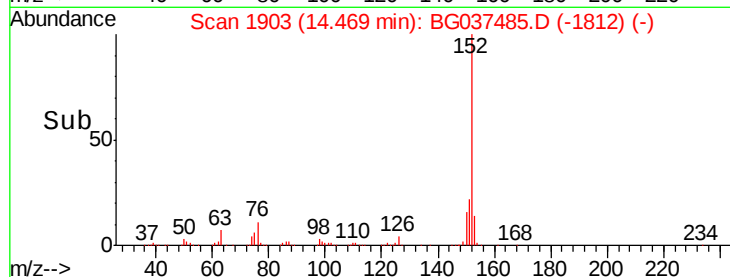
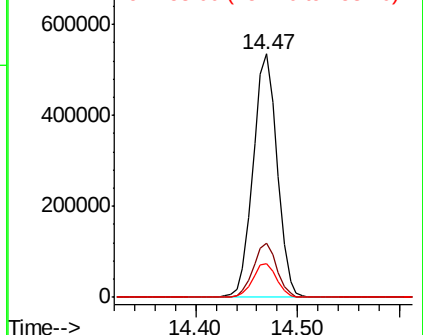
152 100

151 22.3 17.1 25.7

153 13.9 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: 45.734 ng

RT: 14.19 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

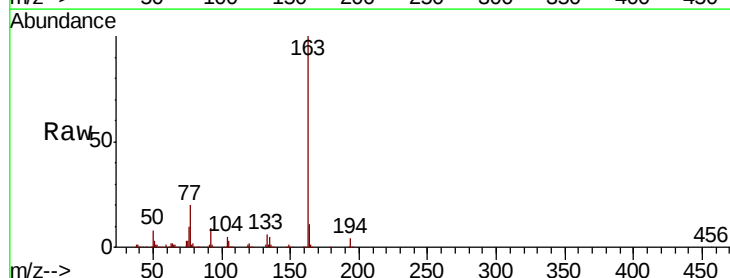
Tgt Ion:163 Resp: 739672

Ion Ratio Lower Upper

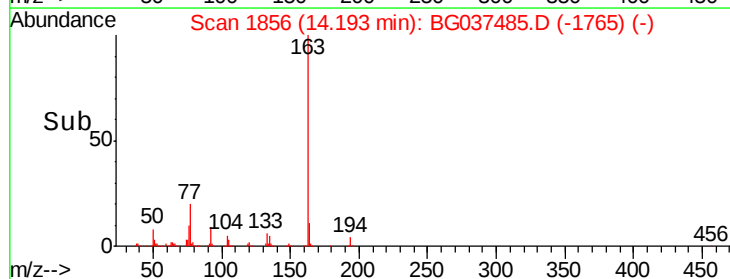
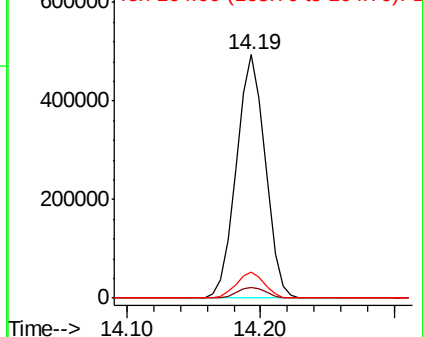
163 100

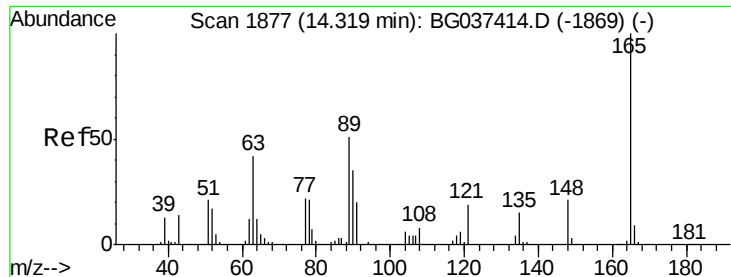
194 4.4 3.5 5.3

164 10.8 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: 43.300 ng

RT: 14.32 min Scan# 1878

Delta R.T. 0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

Instrument :

BNA_G

ClientSampled :

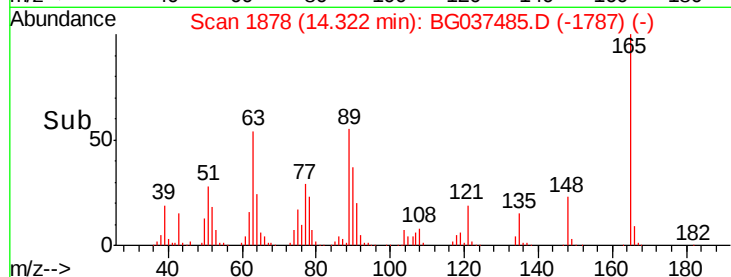
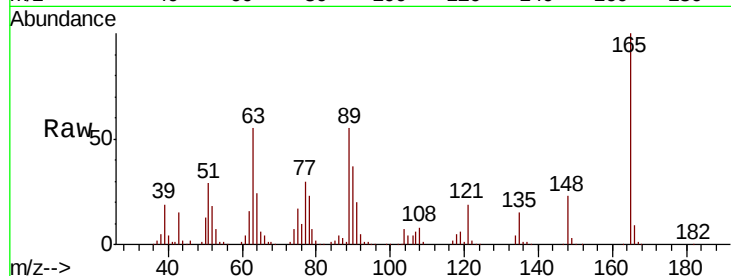
Tot Ion:165 Resp: 154922

Ion Ratio Lower Upper

165 100

63 54.6 43.4 65.2

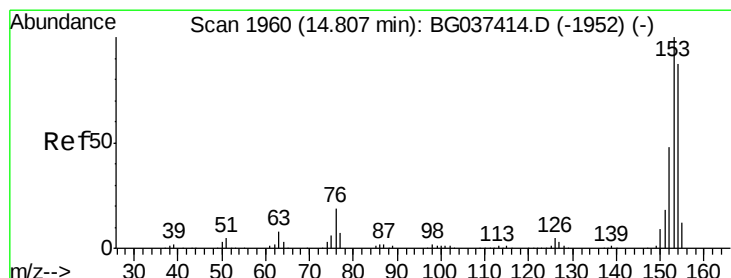
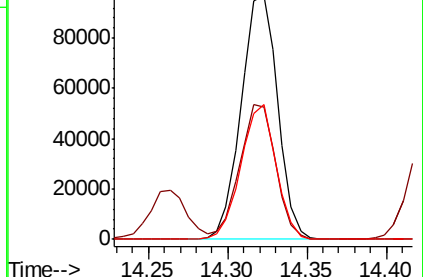
89 55.3 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0



#52

Acenaphthene

Concen: 42.899 ng

RT: 14.80 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

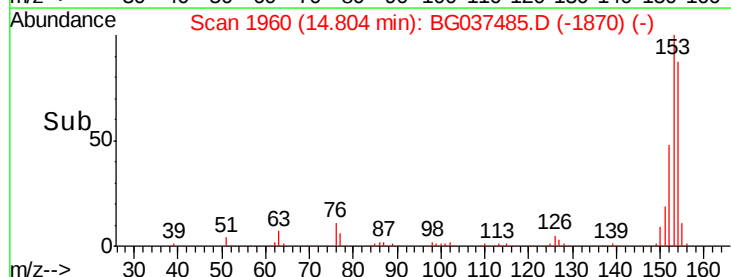
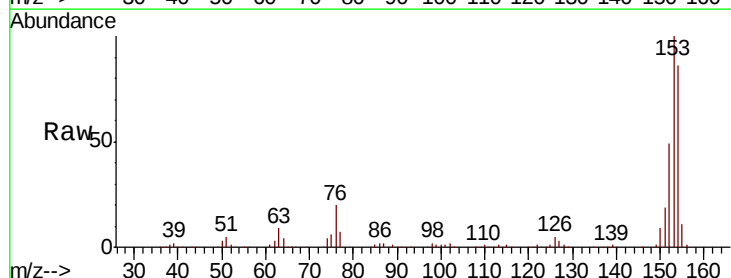
Tgt Ion:154 Resp: 520583

Ion Ratio Lower Upper

154 100

153 115.6 93.4 140.0

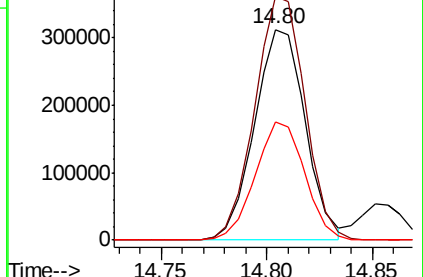
152 56.4 44.7 67.1



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: 7.012 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

Instrument :

BNA_G

ClientSampleId :

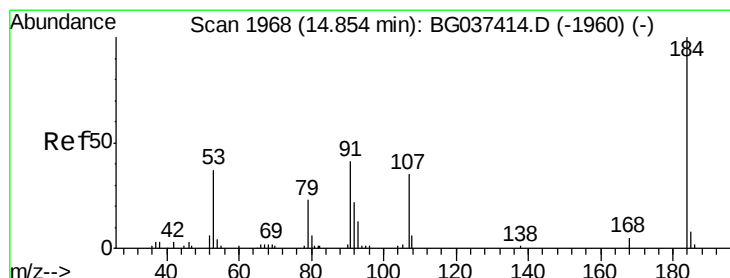
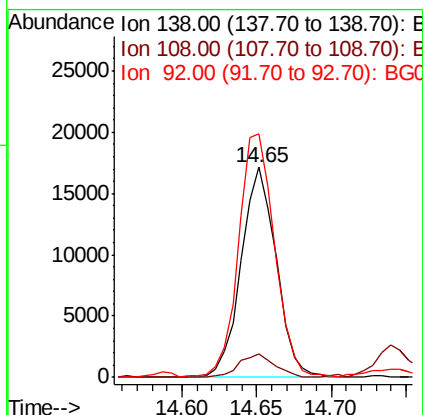
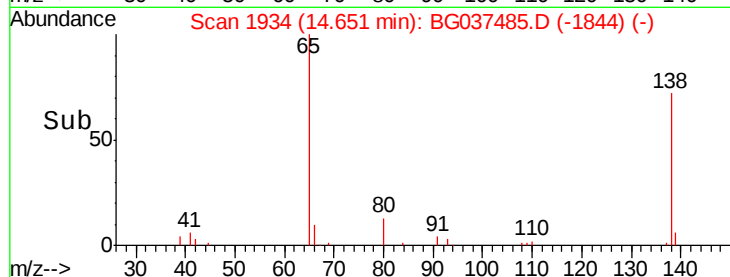
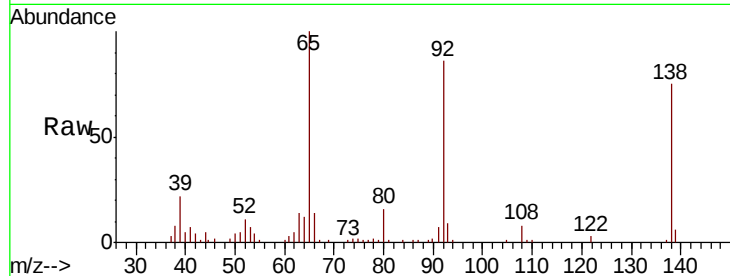
Tot Ion:138 Resp: 27850

Ion Ratio Lower Upper

138 100

108 10.9 11.0 16.6#

92 115.9 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 88.549 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

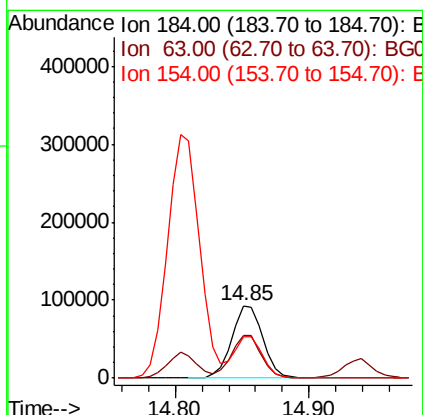
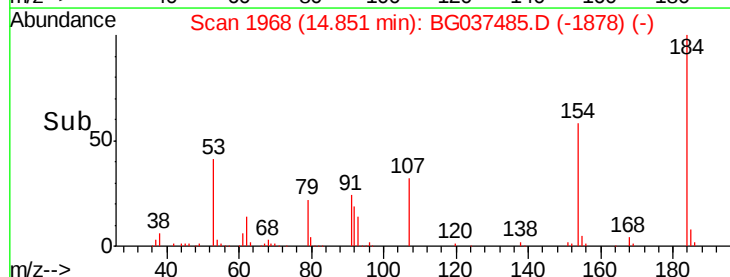
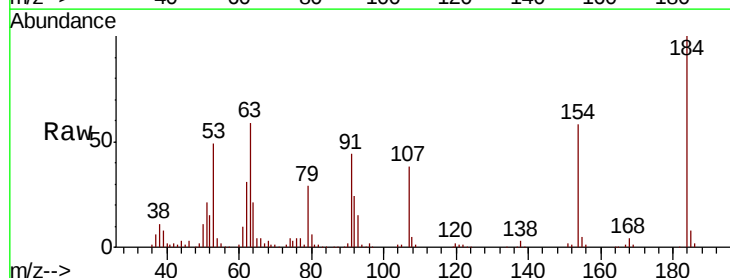
Tgt Ion:184 Resp: 150496

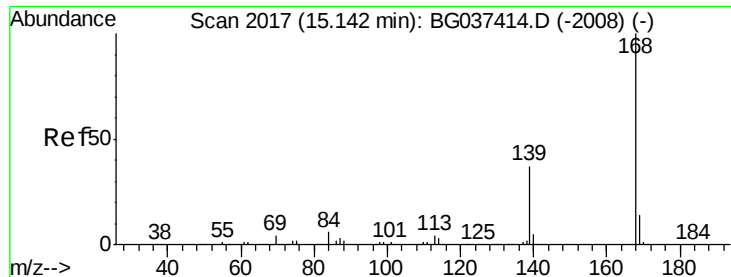
Ion Ratio Lower Upper

184 100

63 58.6 42.6 63.8

154 57.9 41.8 62.6

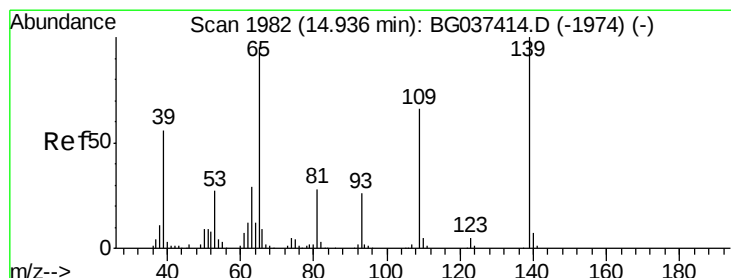
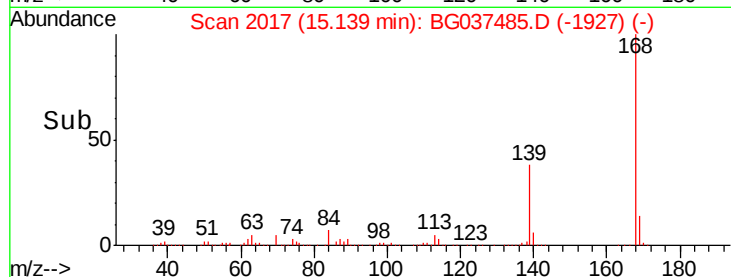
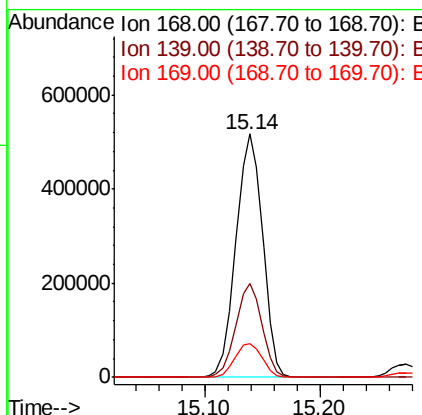
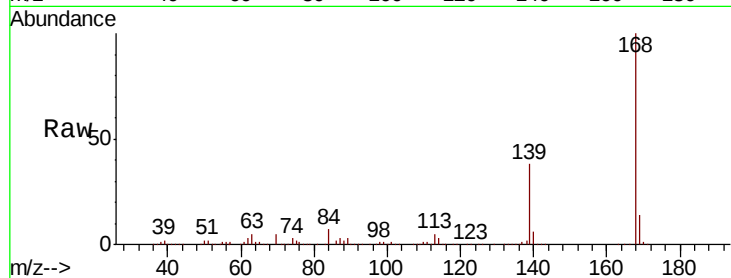




#55
Dibenzofuran
Concen: 41.075 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

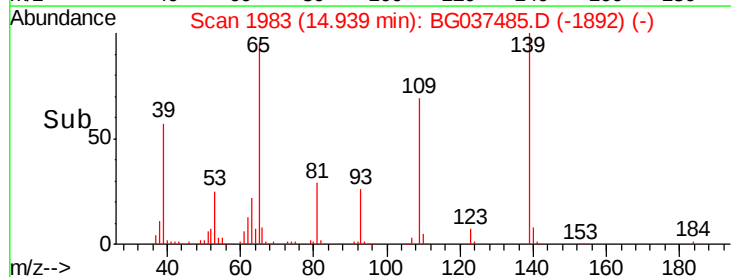
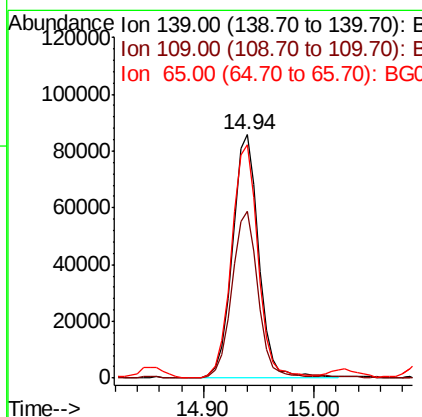
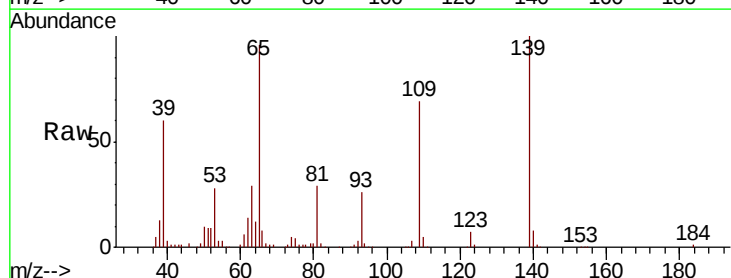
Instrument :
BNA_G
ClientSampleId :

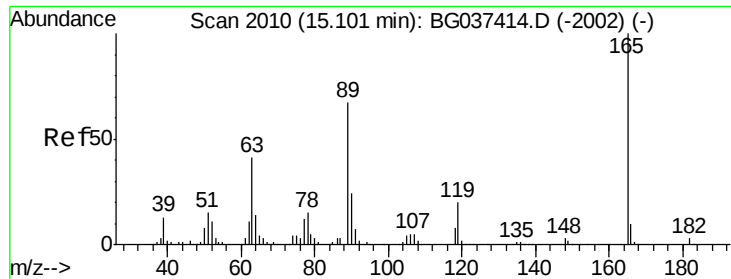
Tot Ion:168 Resp: 825853
Ion Ratio Lower Upper
168 100
139 38.3 29.4 44.0
169 14.1 11.0 16.6



#56
4-Nitrophenol
Concen: 48.795 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Tgt Ion:139 Resp: 143460
Ion Ratio Lower Upper
139 100
109 68.7 49.5 89.5
65 95.9 76.8 116.8

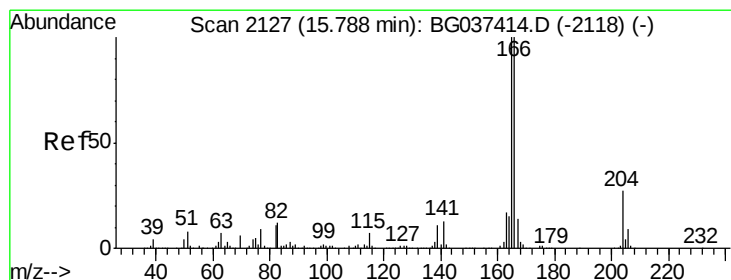
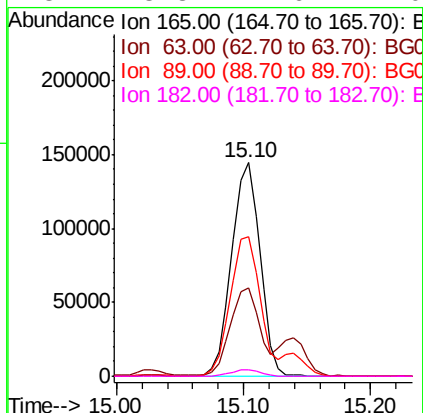
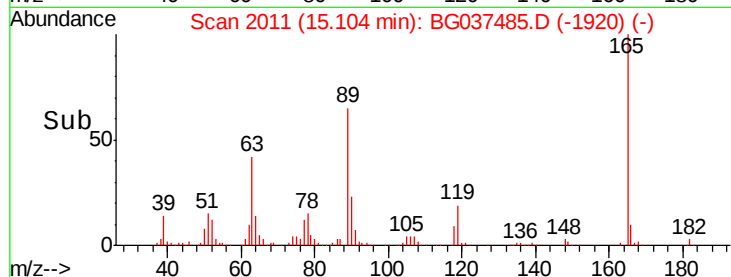
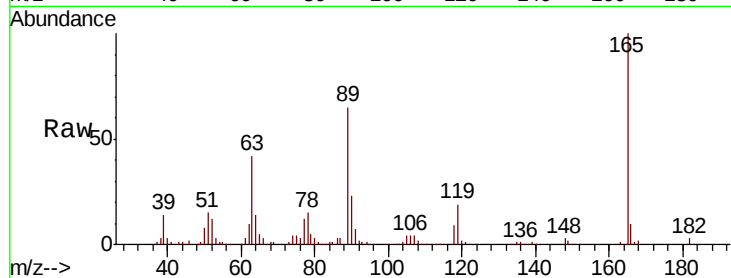




#57
2,4-Dinitrotoluene
Concen: 47.638 ng
RT: 15.10 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

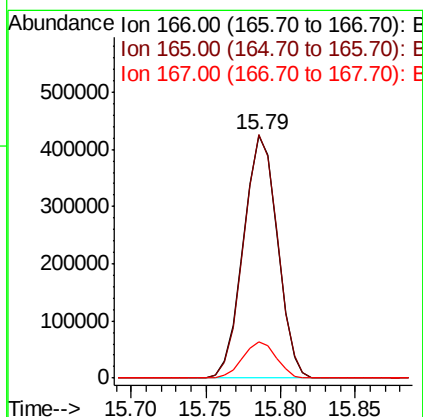
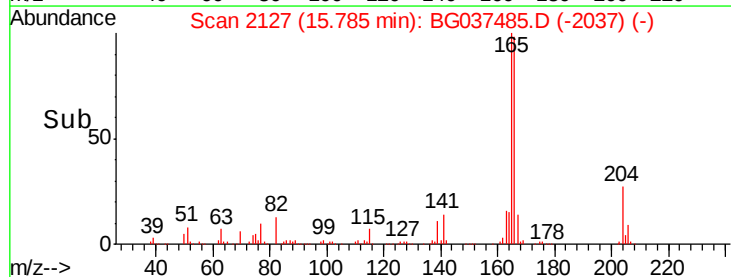
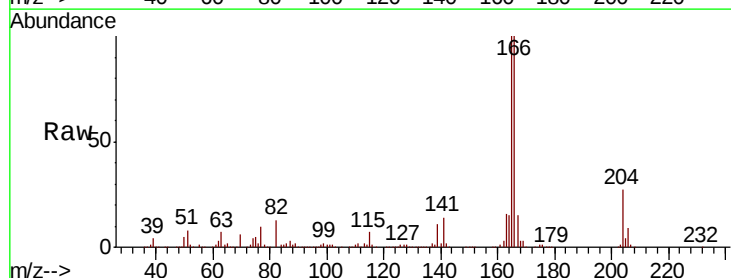
Instrument :
BNA_G
ClientSampleId :

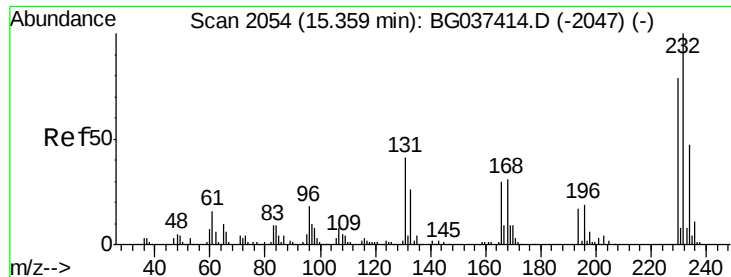
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.5	33.4	50.0
89	65.3	57.2	85.8
182	3.3	2.6	4.0



#58
Fluorene
Concen: 44.657 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.0	118.6
167	14.9	11.3	16.9

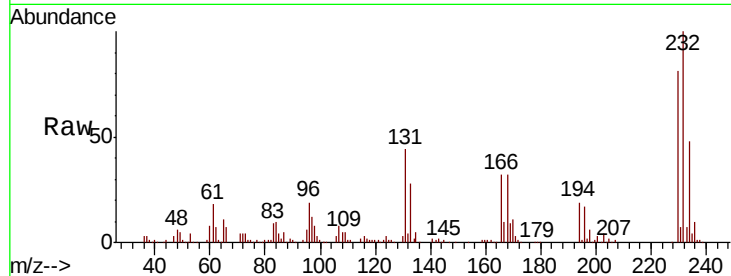




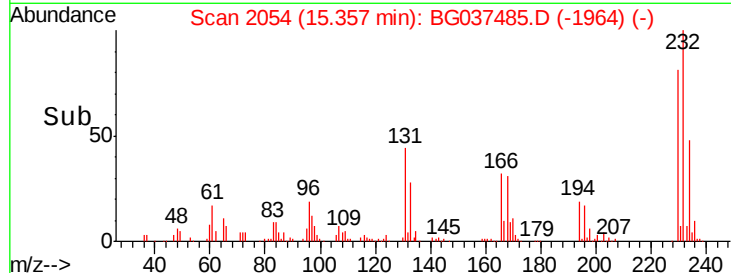
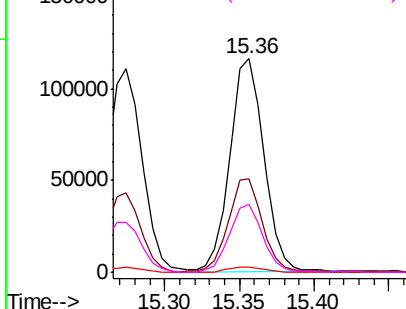
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.167 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	232	Resp:	185489
Ion	Ratio	Lower	Upper
232	100		
131	43.6	33.7	50.5
130	2.6	2.1	3.1
166	31.0	24.6	36.8

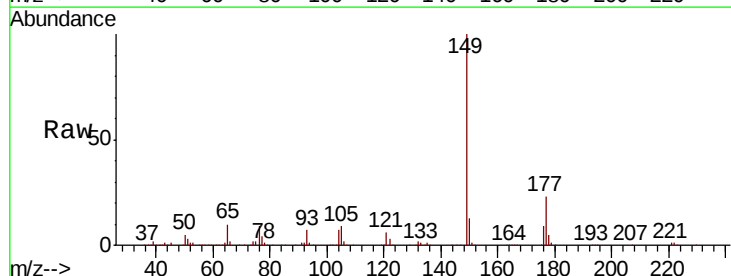


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

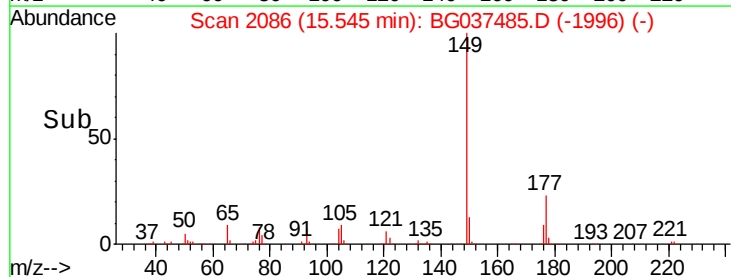
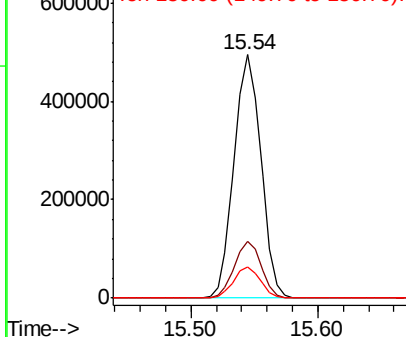


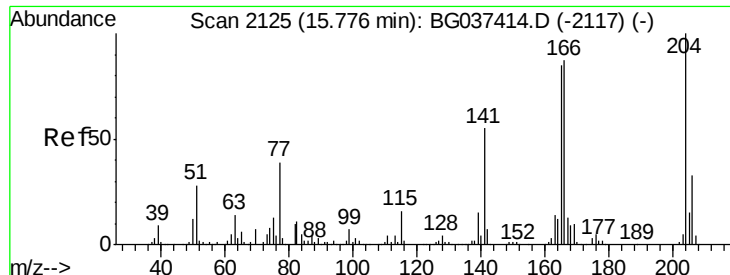
#60
Diethylphthalate
Concen: 43.647 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Tgt Ion:	149	Resp:	724743
Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.3	27.5
150	13.0	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

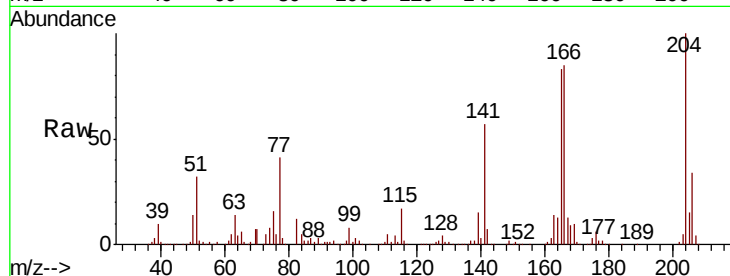




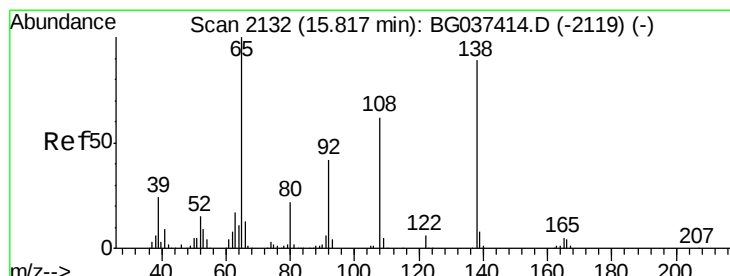
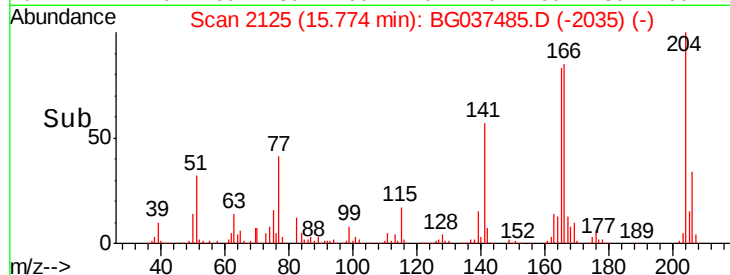
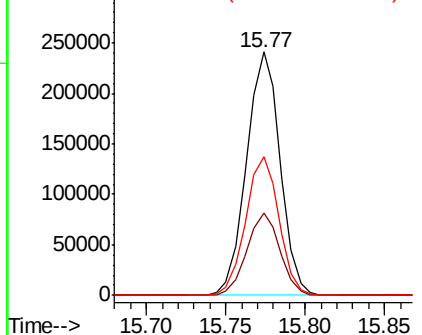
#61
4-Chlorophenyl-phenylether
Concen: 40.280 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 353489
Ion Ratio Lower Upper
204 100
206 33.8 26.6 39.8
141 56.9 45.4 68.2

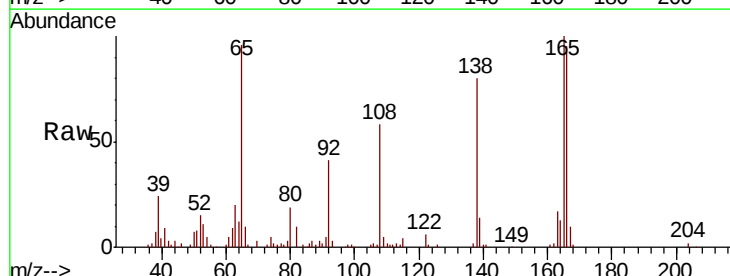


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

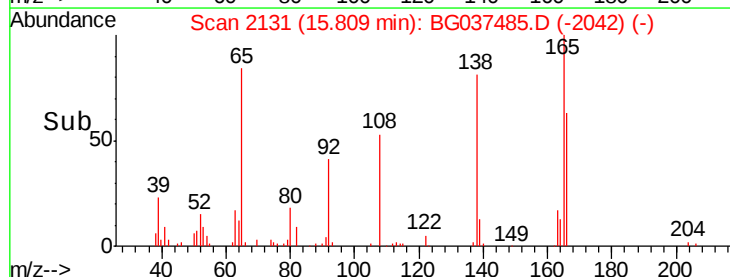
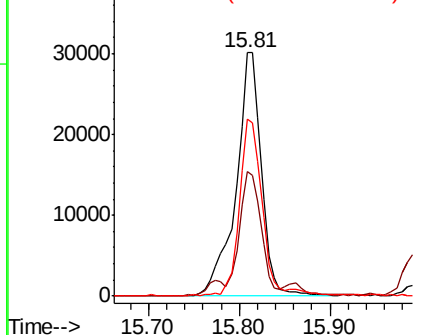


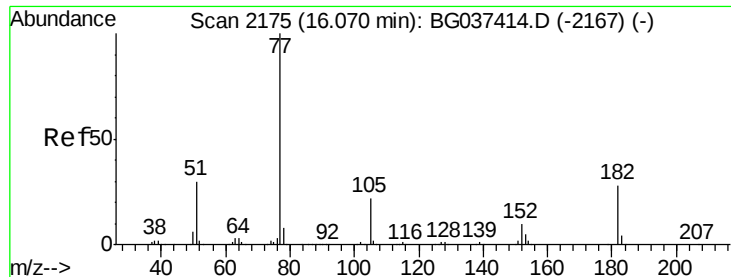
#62
4-Nitroaniline
Concen: 15.015 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Tgt Ion:138 Resp: 59261
Ion Ratio Lower Upper
138 100
92 51.2 36.4 76.4
108 72.8 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

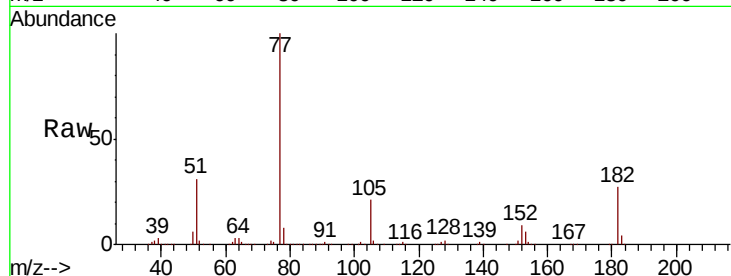




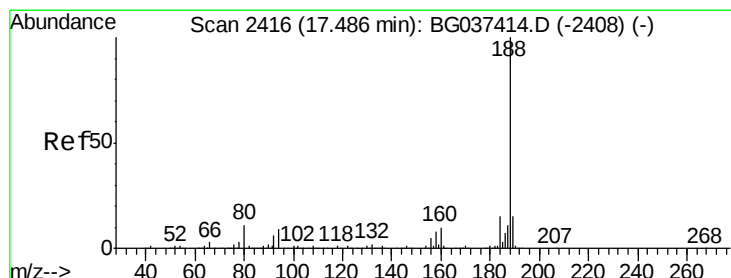
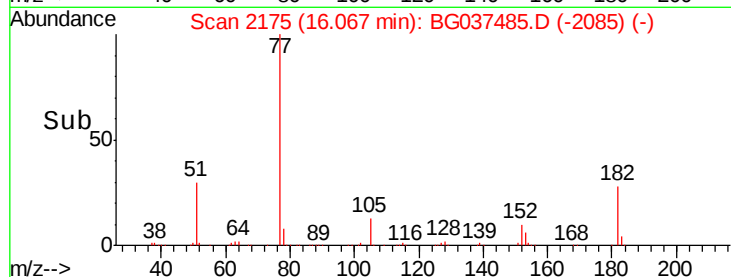
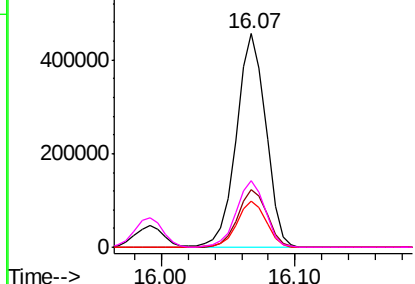
#63
Azobenzene
Concen: 43.778 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	693561
Ion	Ratio	Lower	Upper
77	100		
182	27.2	8.0	48.0
105	21.3	1.3	41.3
51	31.0	10.7	50.7

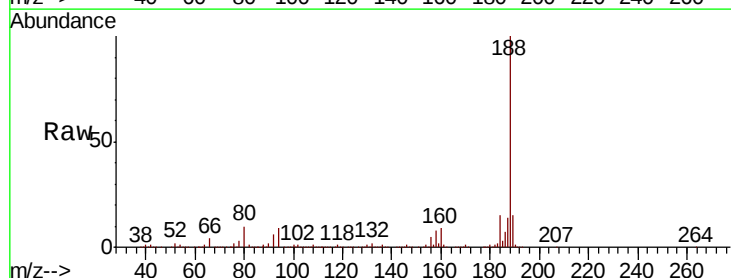


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

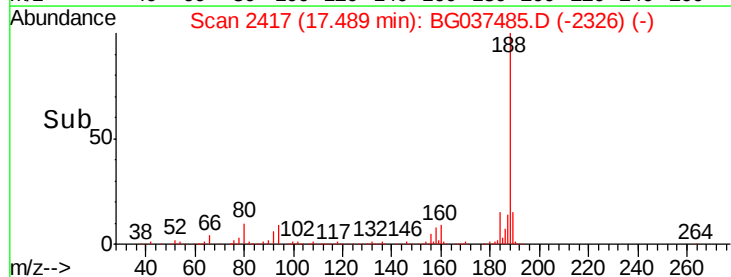
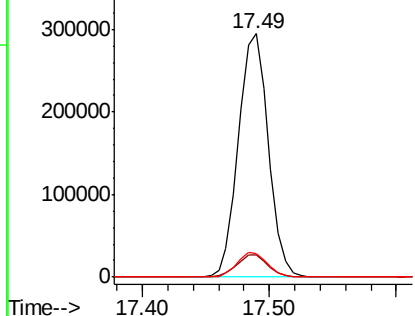


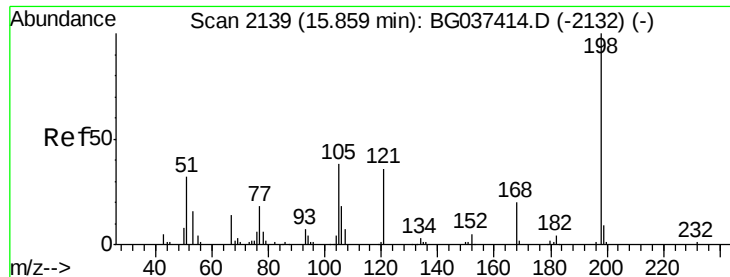
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Tgt Ion:	188	Resp:	480720
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.8	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

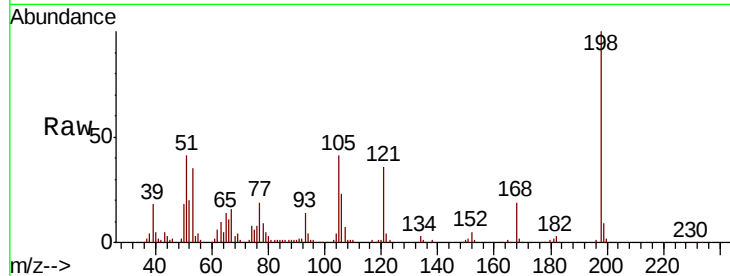




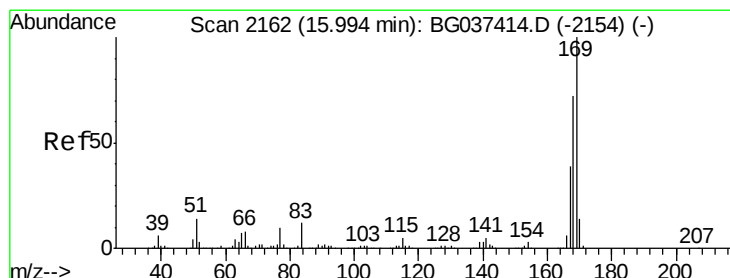
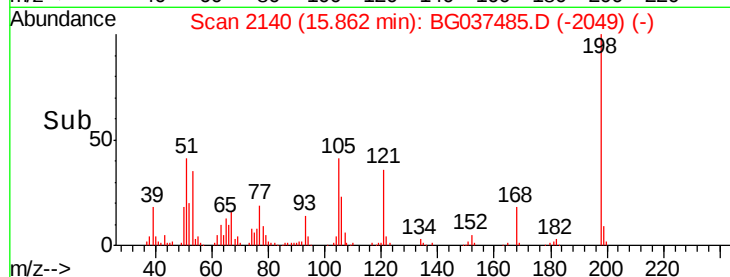
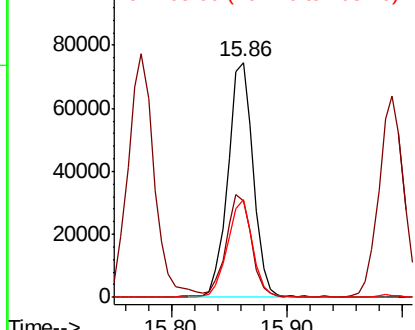
#65
4,6-Dinitro-2-methylphenol
Concen: 45.311 ng
RT: 15.86 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 112842
Ion Ratio Lower Upper
198 100
51 41.1 22.7 62.7
105 41.4 19.7 59.7

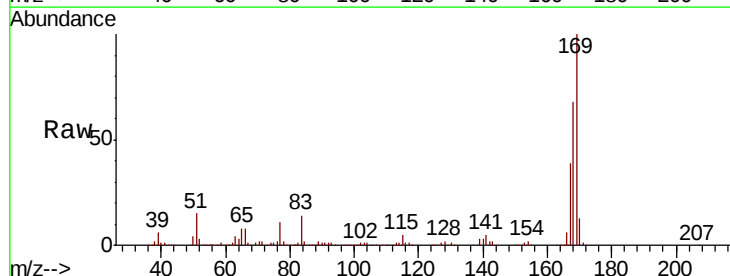


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

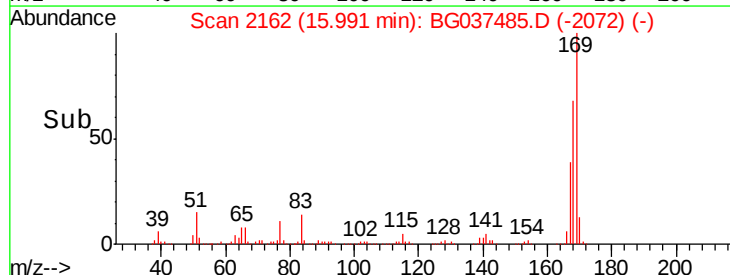
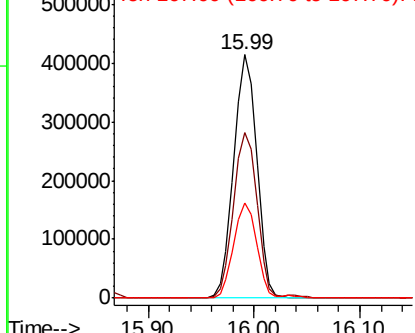


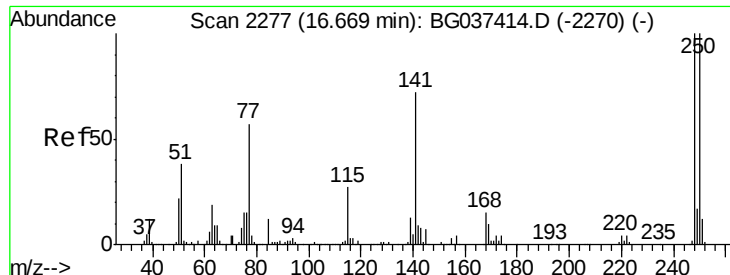
#66
n-Nitrosodiphenylamine
Concen: 43.163 ng
RT: 15.99 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Tgt Ion:169 Resp: 624140
Ion Ratio Lower Upper
169 100
168 68.2 55.7 83.5
167 39.0 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

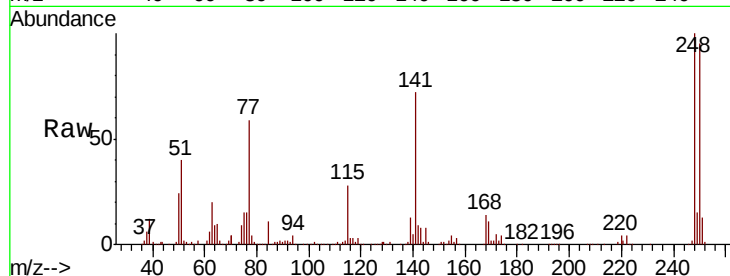




#67
4-Bromophenyl-phenylether
Concen: 42.060 ng
RT: 16.67 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.8	77.0	115.6
141	72.3	55.5	83.3

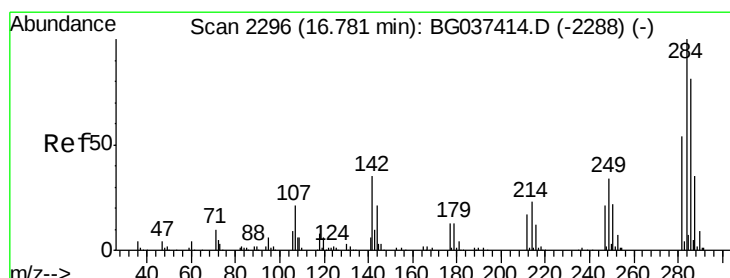
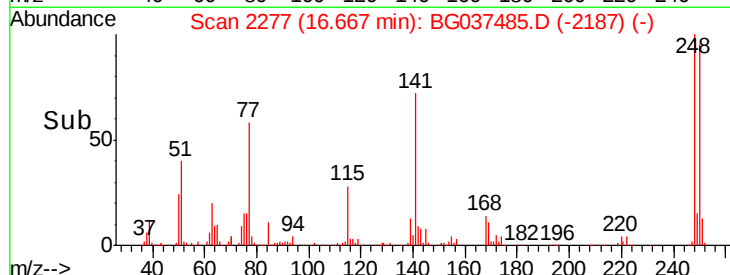
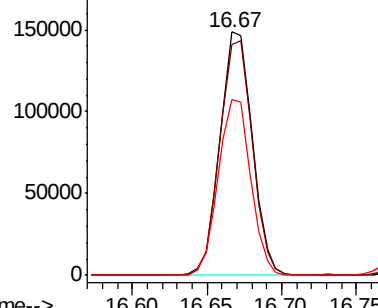


Abundance

Ion 248.00 (247.70 to 248.70): E

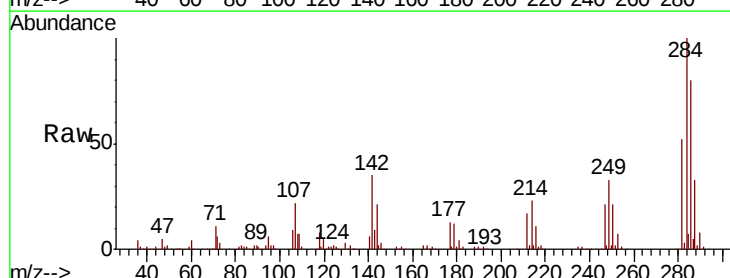
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.095 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.6	28.1	42.1
249	35.6	29.8	44.8

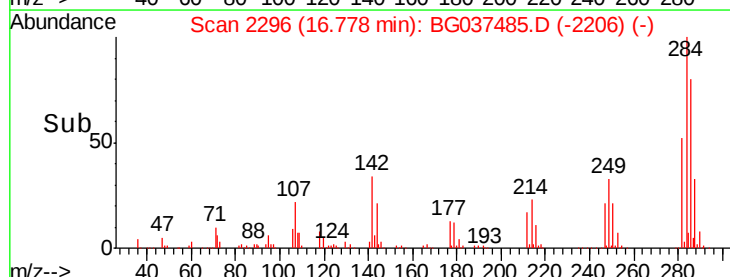
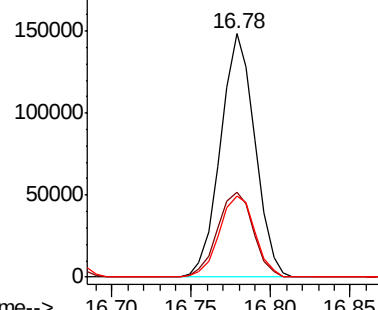


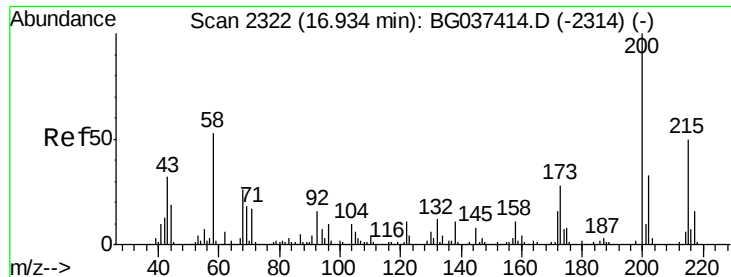
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

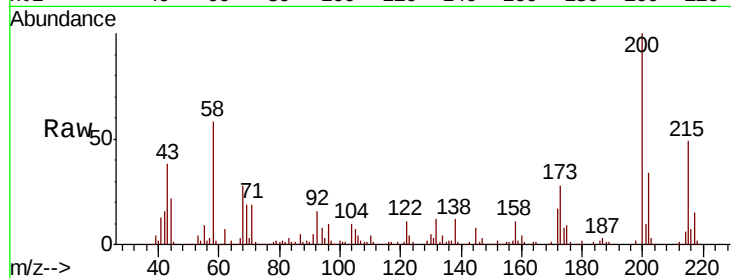




#69
 Atrazine
 Concen: 44.253 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG037485.D
 Acq: 23 Oct 2018 20:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.1	46.1
215	48.6	30.8	70.8

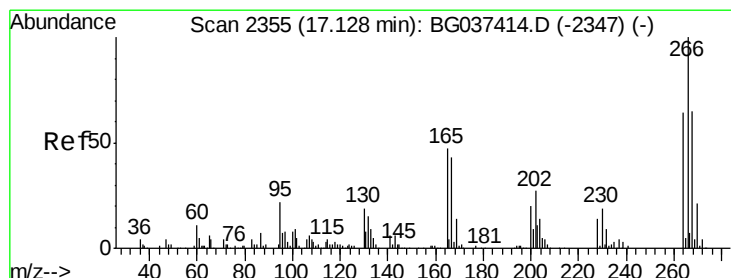
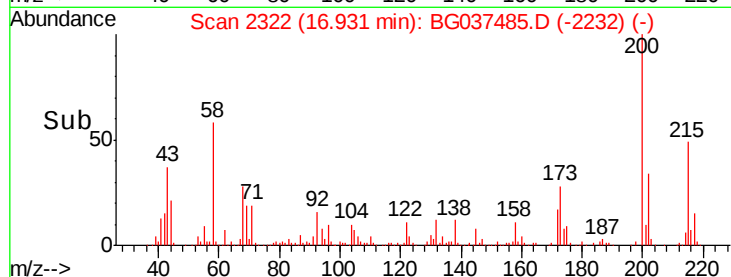
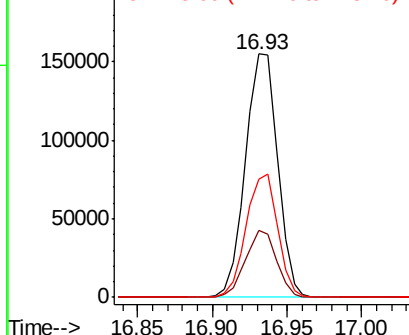


Abundance

Ion 200.00 (199.70 to 200.70): E

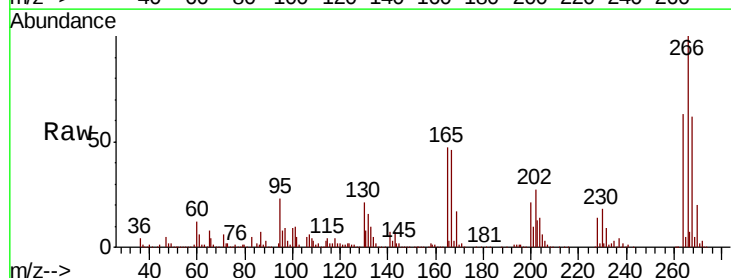
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 75.664 ng
 RT: 17.13 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037485.D
 Acq: 23 Oct 2018 20:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.1	55.0	82.6
264	67.7	58.9	88.3

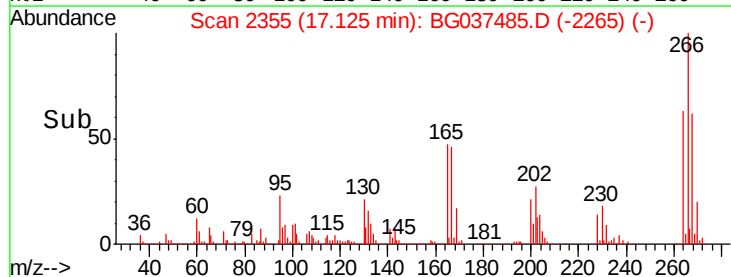
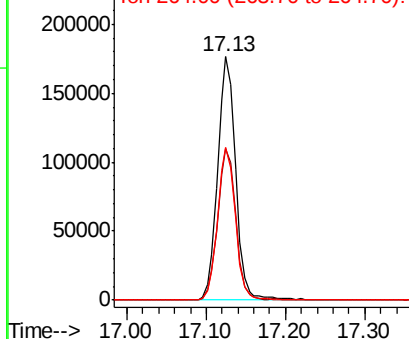


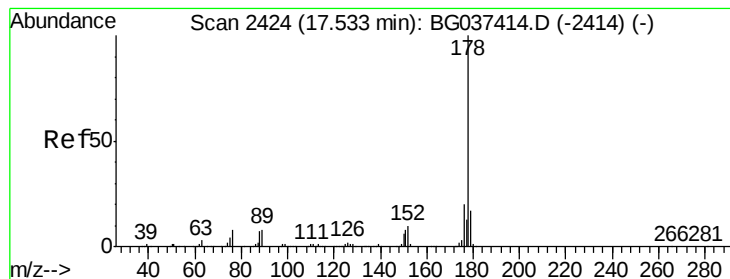
Abundance

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: 45.111 ng

RT: 17.53 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

Instrument :

BNA_G

ClientSampleId :

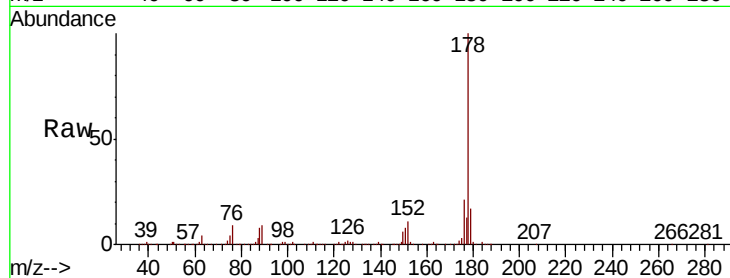
Tot Ion:178 Resp: 1102150

Ion Ratio Lower Upper

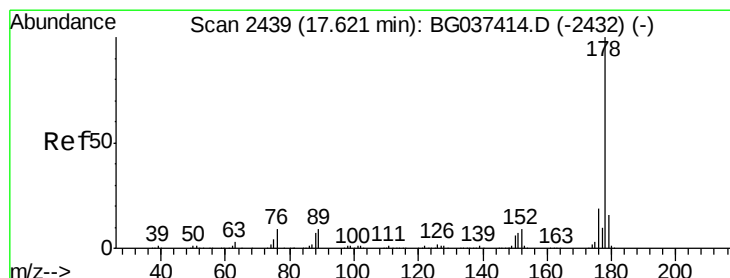
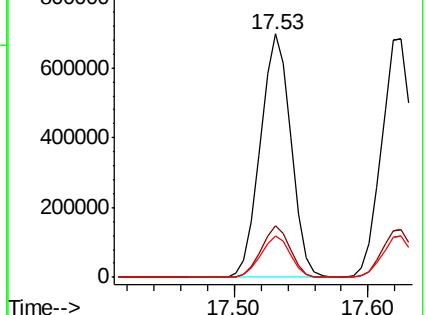
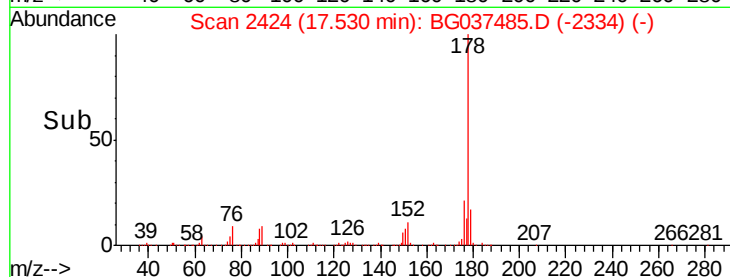
178 100

176 21.1 16.1 24.1

179 17.2 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: 46.082 ng

RT: 17.62 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

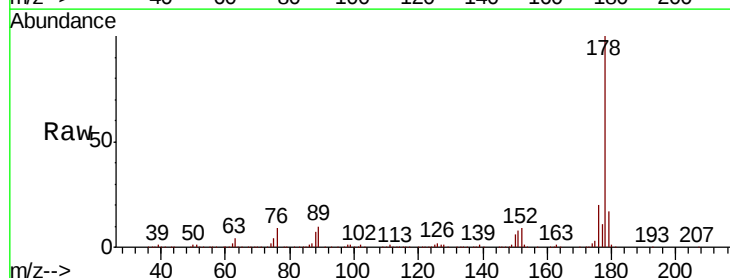
Tgt Ion:178 Resp: 1104881

Ion Ratio Lower Upper

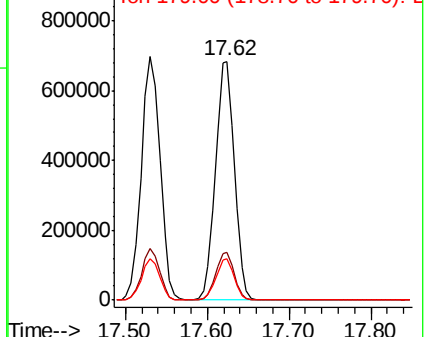
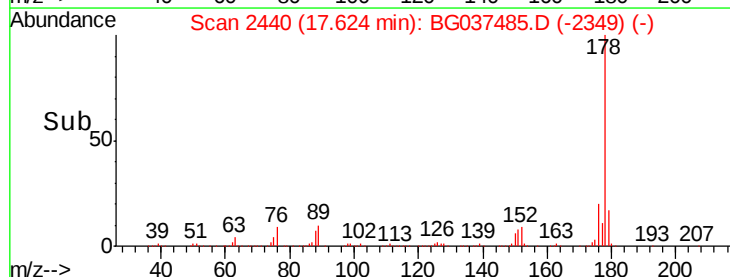
178 100

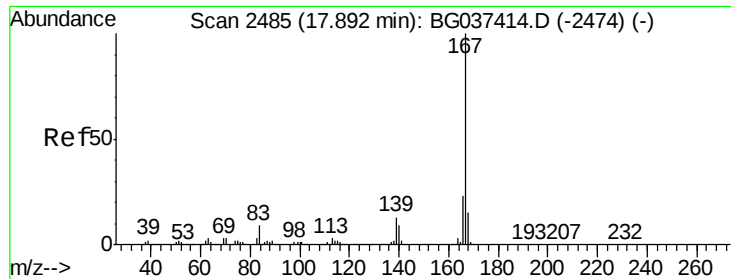
176 20.2 15.0 22.4

179 17.4 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: 42.783 ng

RT: 17.89 min Scan# 2486

Delta R.T. 0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

Instrument :

BNA_G

ClientSampleId :

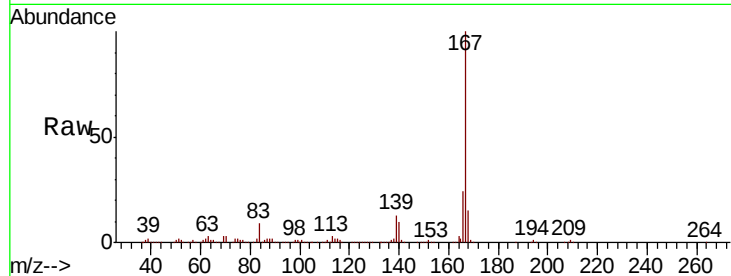
Tot Ion:167 Resp: 1026084

Ion Ratio Lower Upper

167 100

166 23.8 18.3 27.5

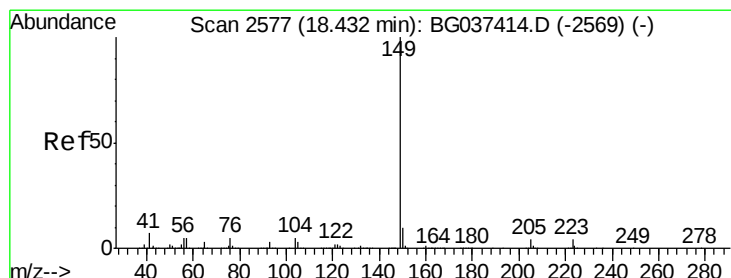
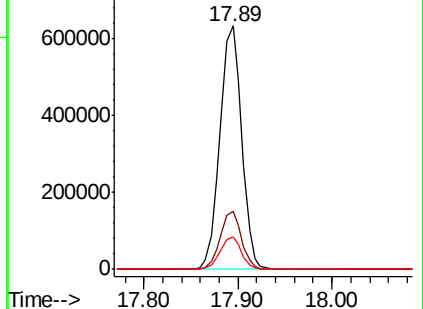
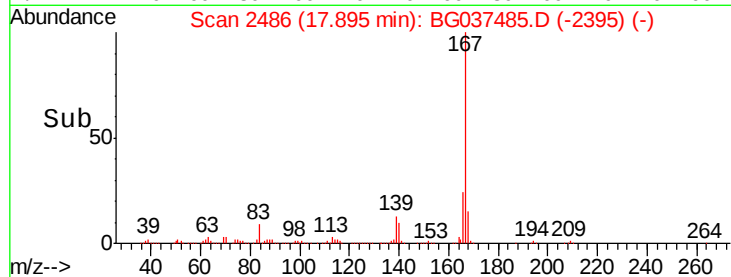
139 13.1 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.958 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

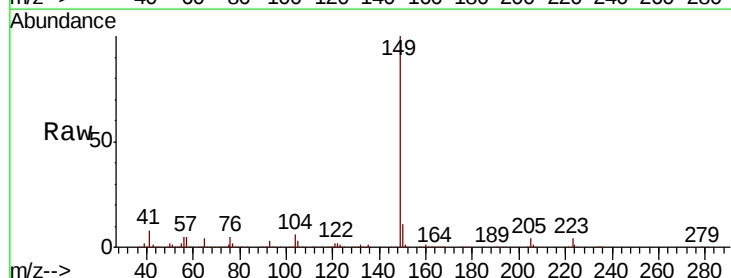
Tgt Ion:149 Resp: 1226143

Ion Ratio Lower Upper

149 100

150 10.8 8.2 12.2

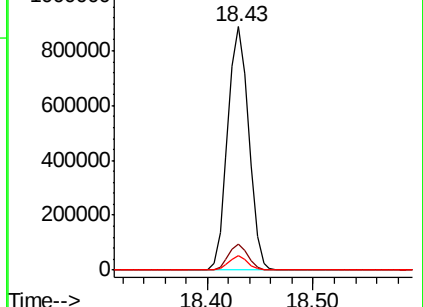
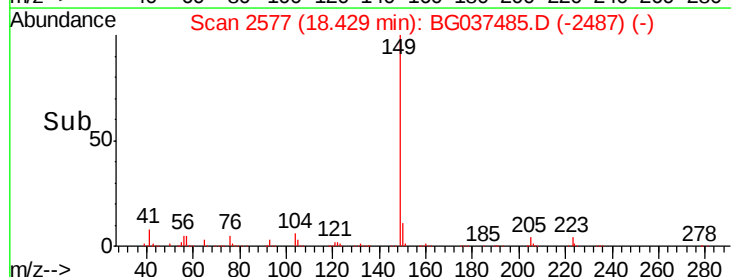
104 5.7 4.0 6.0

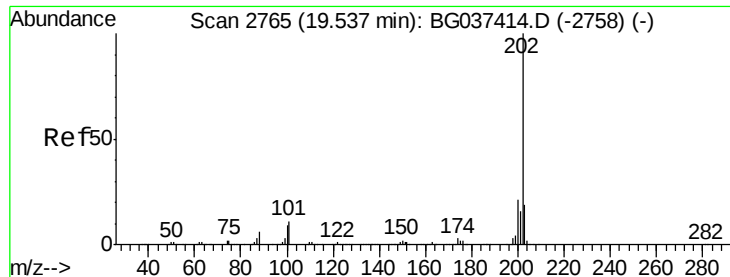


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.653 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

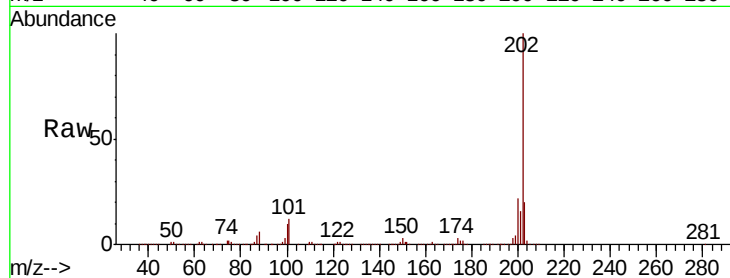
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1265065

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.7
203	20.0	0.0	38.5

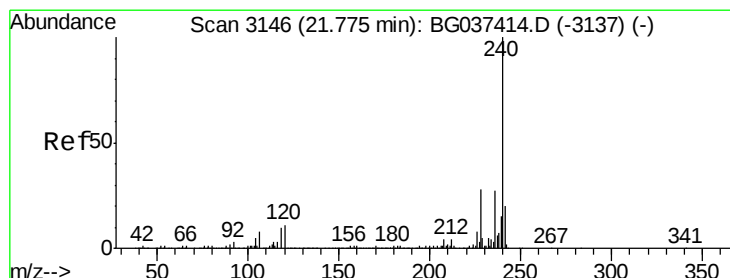
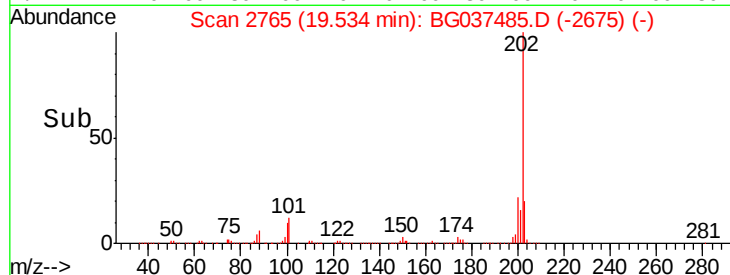
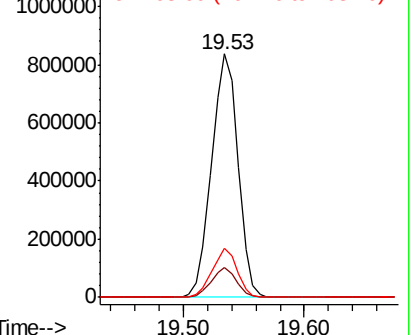


Abundance

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

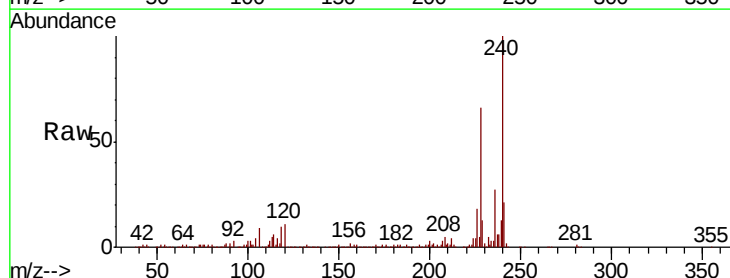
Delta R.T. -0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

Tgt Ion:240 Resp: 421346

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.1	12.1
236	26.7	21.4	32.0

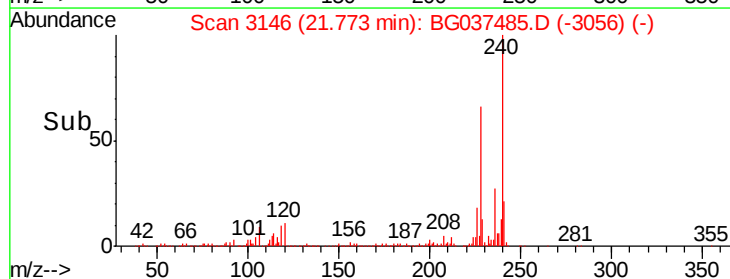
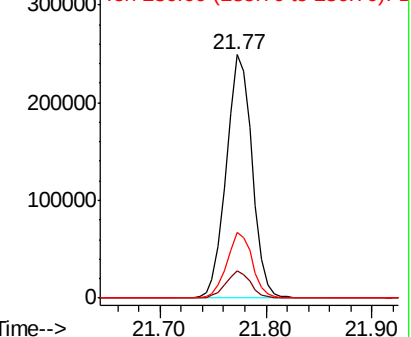


Abundance

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: 3.513 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

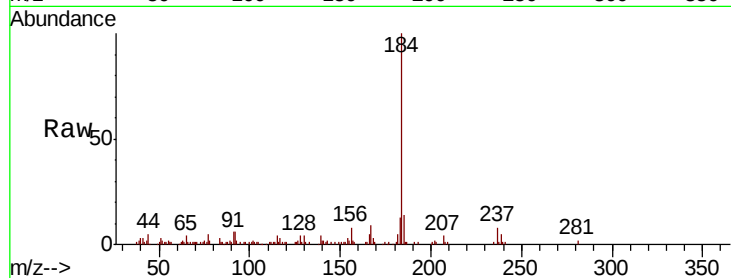
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 50327

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	12.5	10.2	15.2

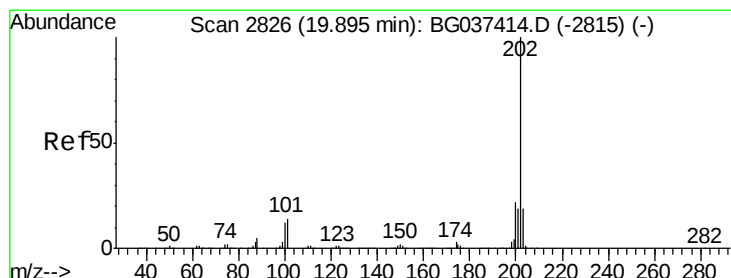
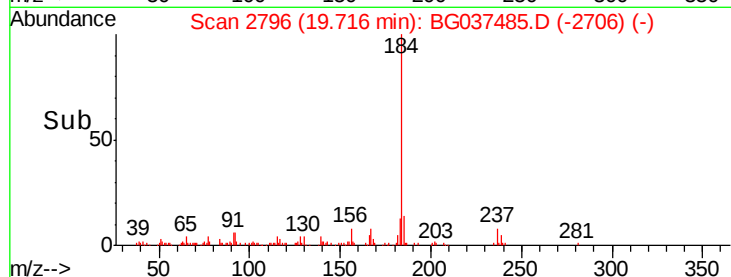
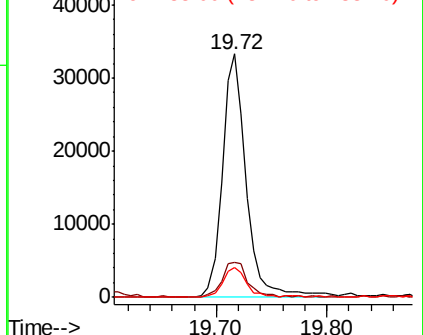


Abundance

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: 45.446 ng

RT: 19.90 min Scan# 2827

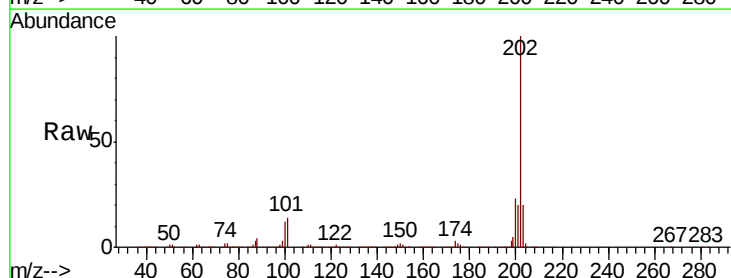
Delta R.T. 0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

Tgt Ion:202 Resp: 1251775

Ion	Ratio	Lower	Upper
202	100		
200	23.1	17.8	26.6
203	19.8	15.2	22.8

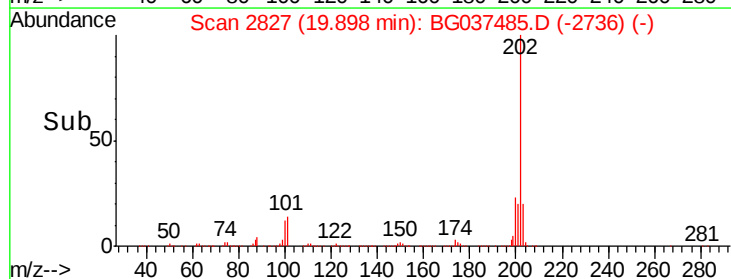
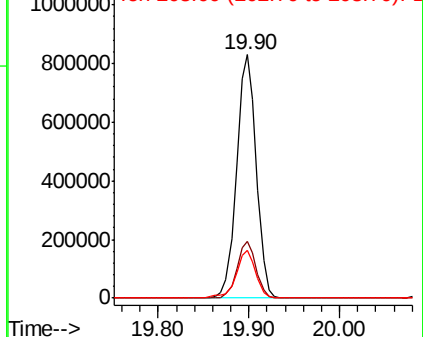


Abundance

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: 71.805 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

Instrument :

BNA_G

ClientSampleId :

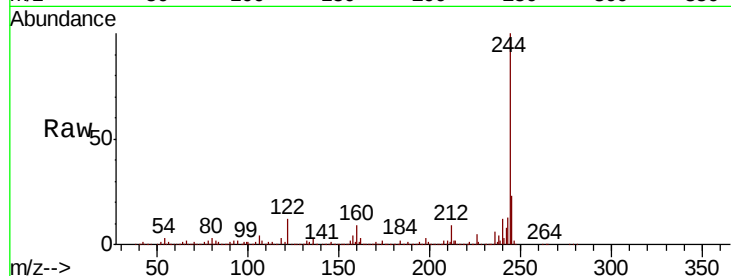
Tot Ion:244 Resp: 1415918

Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

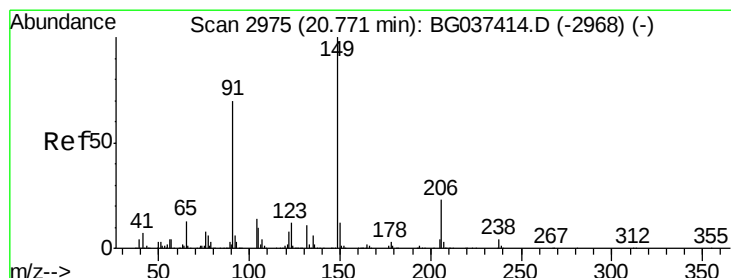
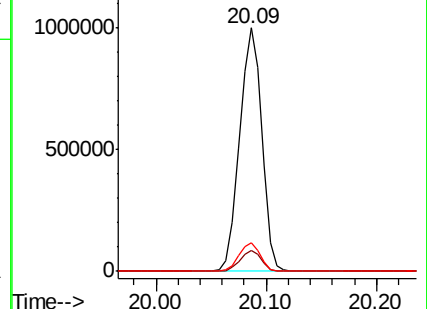
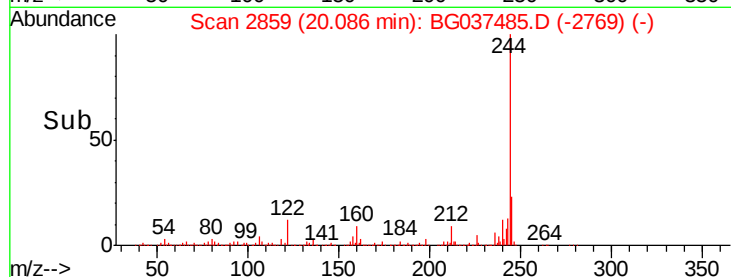
122 12.0 9.0 13.4



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: 49.681 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

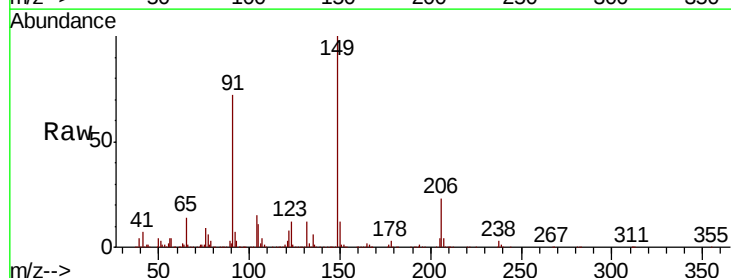
Tgt Ion:149 Resp: 560041

Ion Ratio Lower Upper

149 100

91 72.2 57.0 85.4

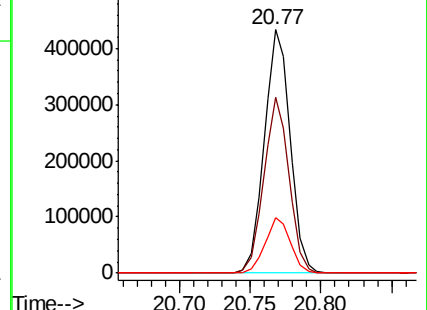
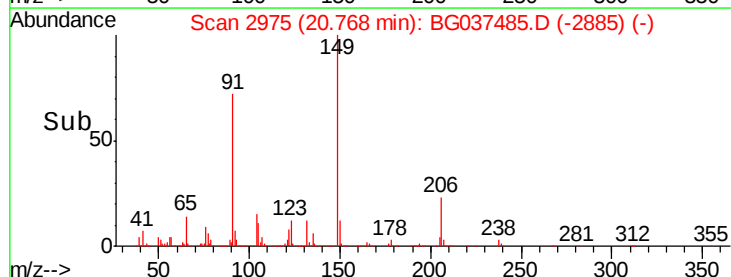
206 22.6 17.8 26.6

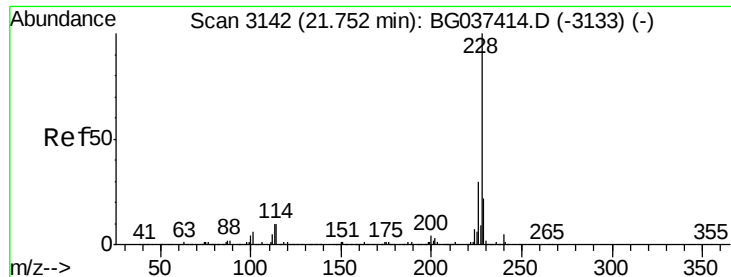


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

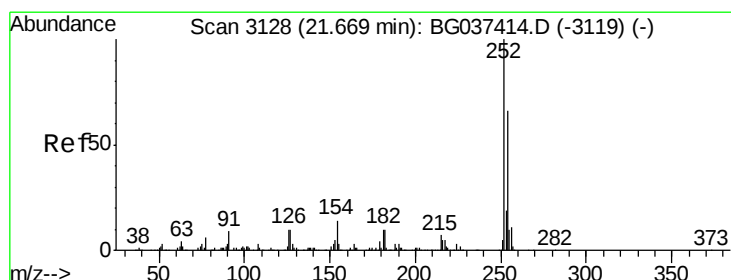
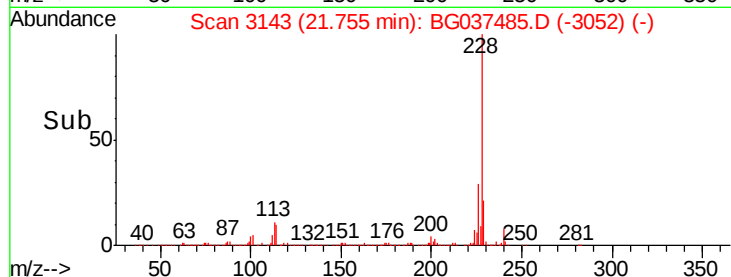
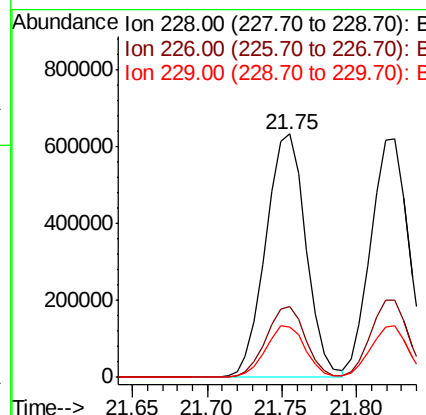
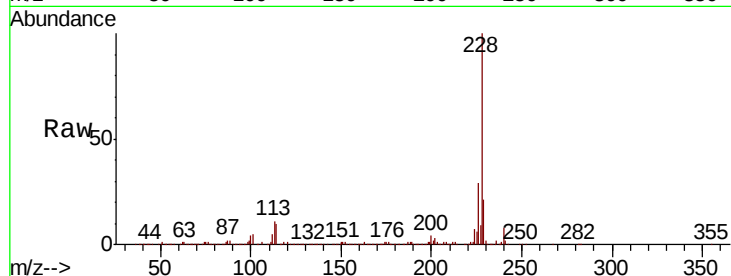




#81
Benzo(a)anthracene
Concen: 47.657 ng
RT: 21.75 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

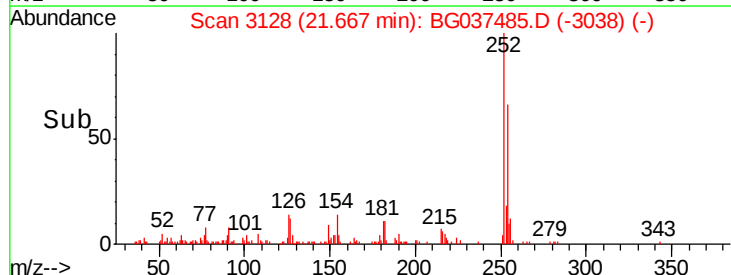
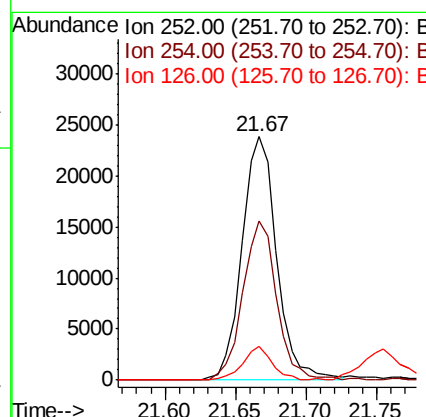
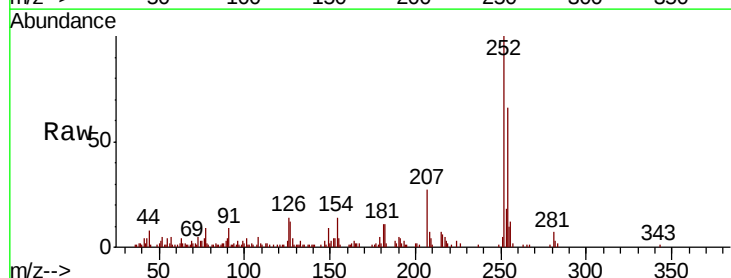
Instrument :
BNA_G
ClientSampleId :

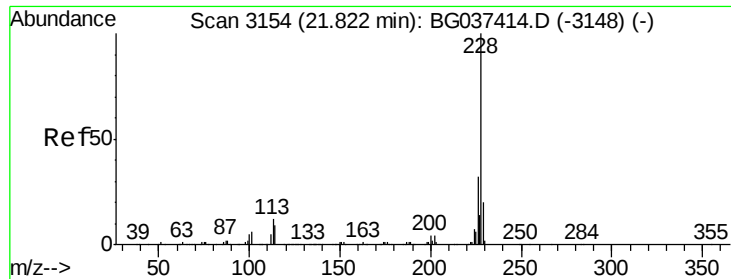
Tot Ion:228 Resp: 1187730
Ion Ratio Lower Upper
228 100
226 29.3 22.6 33.8
229 20.9 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 4.233 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Tgt Ion:252 Resp: 40894
Ion Ratio Lower Upper
252 100
254 65.6 52.0 78.0
126 13.7 8.2 12.4#





#83

Chrysene

Concen: 45.543 ng

RT: 21.83 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

Instrument :

BNA_G

ClientSampleId :

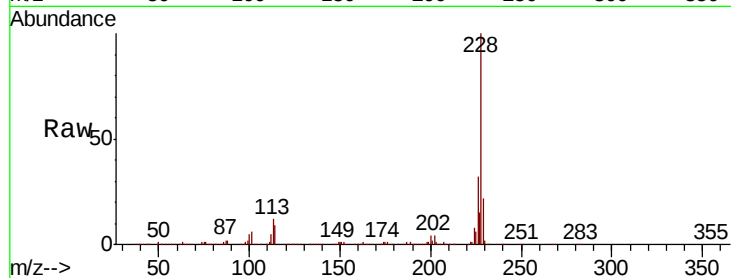
Tot Ion:228 Resp: 1091411

Ion Ratio Lower Upper

228 100

226 32.2 25.7 38.5

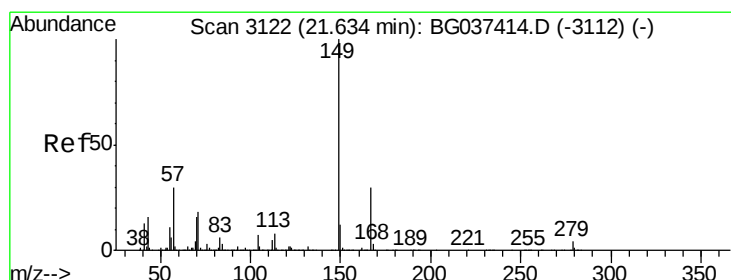
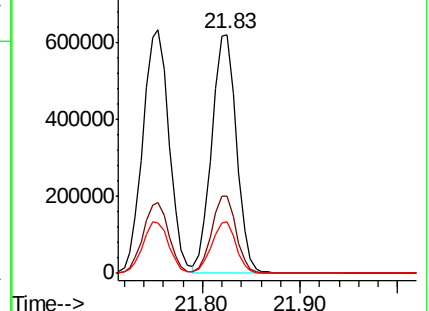
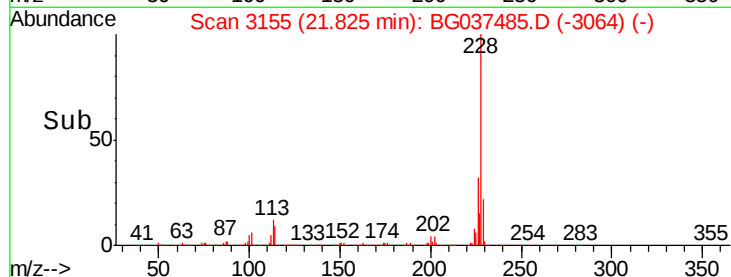
229 21.8 16.5 24.7



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: 49.256 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

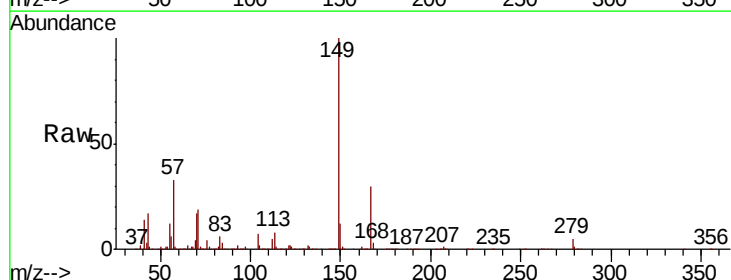
Tgt Ion:149 Resp: 778299

Ion Ratio Lower Upper

149 100

167 30.0 23.0 34.4

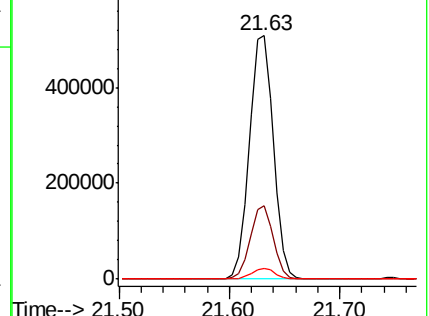
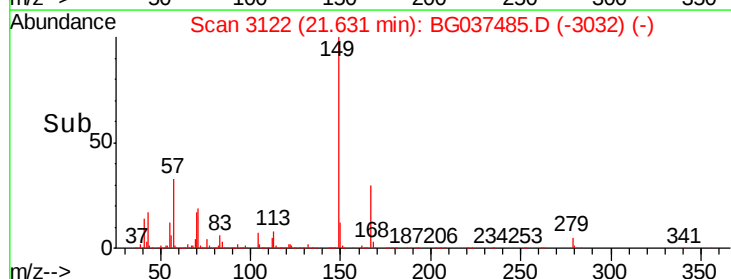
279 4.5 3.6 5.4

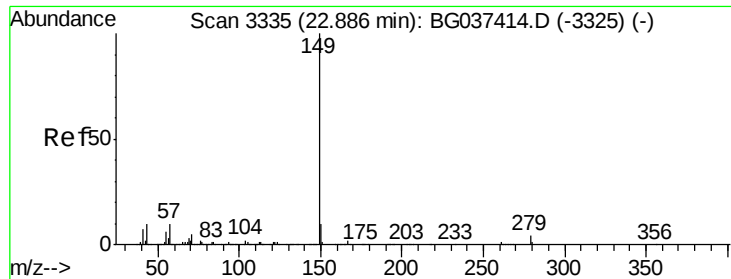


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

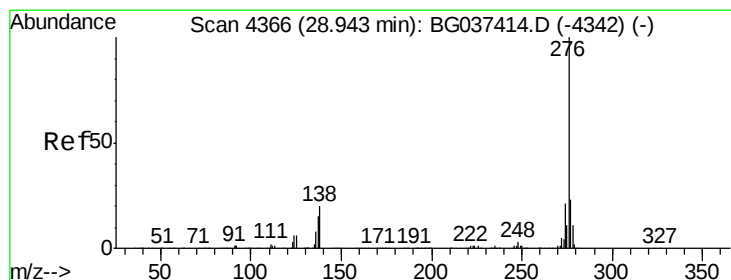
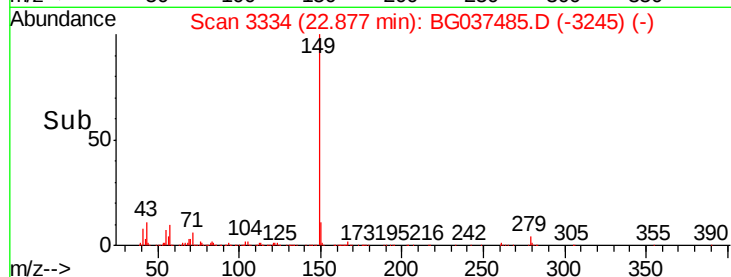
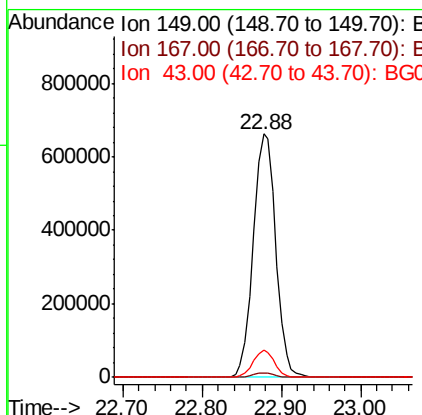
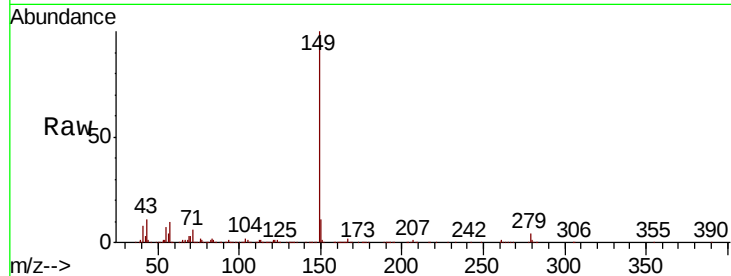




#85
Di-n-octyl phthalate
Concen: 51.028 ng
RT: 22.88 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

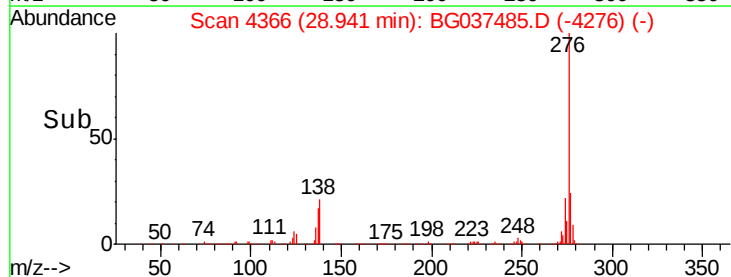
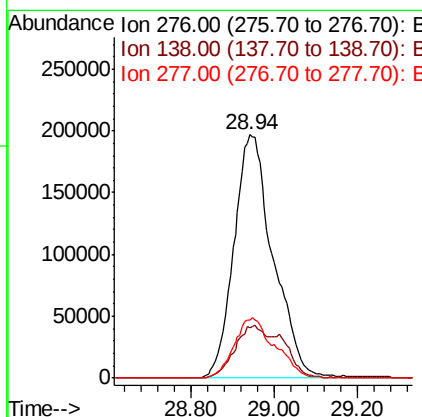
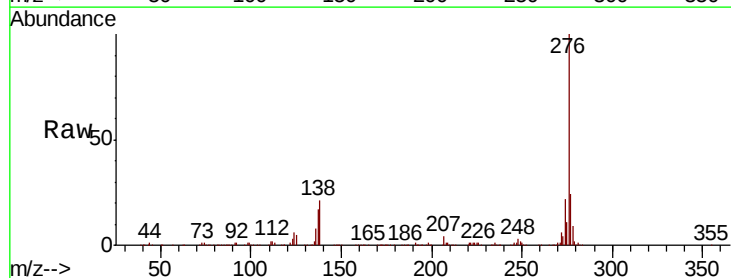
Instrument :
BNA_G
ClientSampleId :

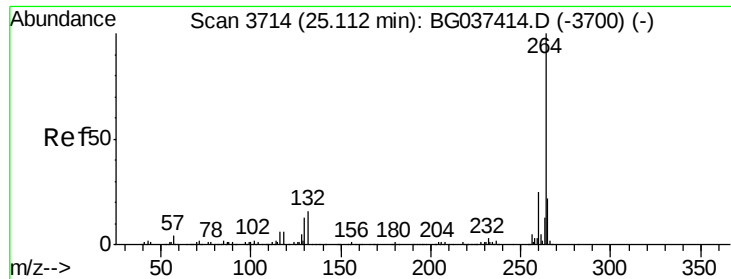
Tot Ion:149 Resp: 1314790
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.6 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 50.168 ng
RT: 28.94 min Scan# 4366
Delta R.T. -0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Tgt Ion:276 Resp: 1289477
Ion Ratio Lower Upper
276 100
138 18.3 12.0 18.0#
277 25.6 20.6 30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

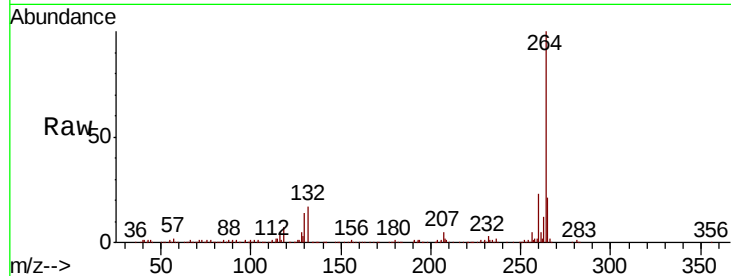
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 447760

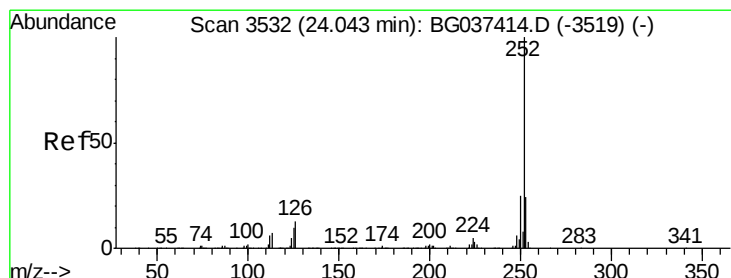
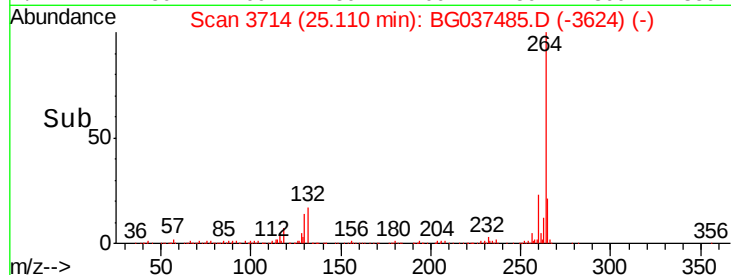
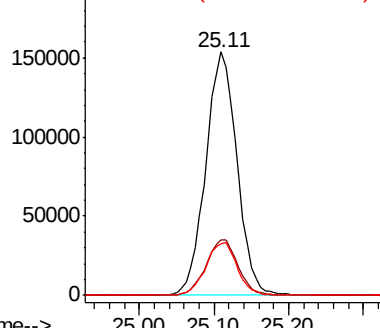
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	20.9	17.9	26.9



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: 47.281 ng

RT: 24.04 min Scan# 3532

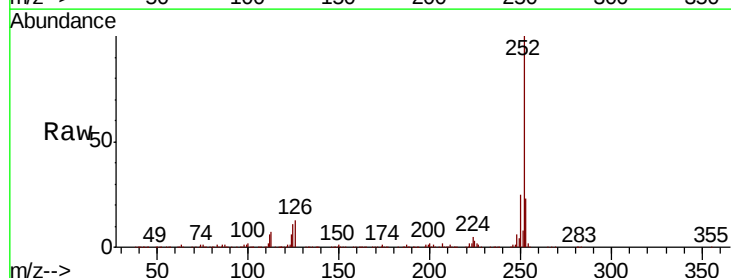
Delta R.T. -0.00 min

Lab File: BG037485.D

Acq: 23 Oct 2018 20:47

Tgt Ion:252 Resp: 1160640

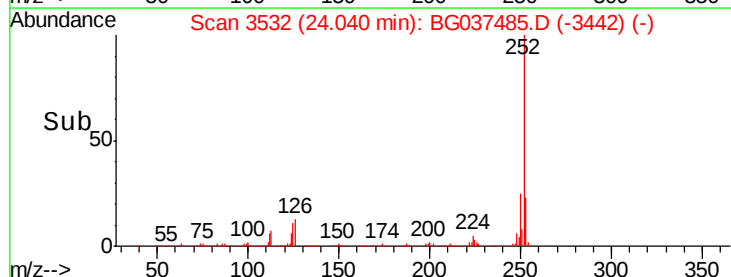
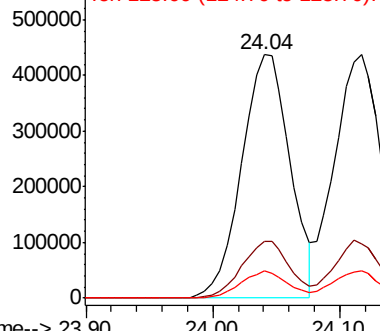
Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	11.3	7.8	11.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

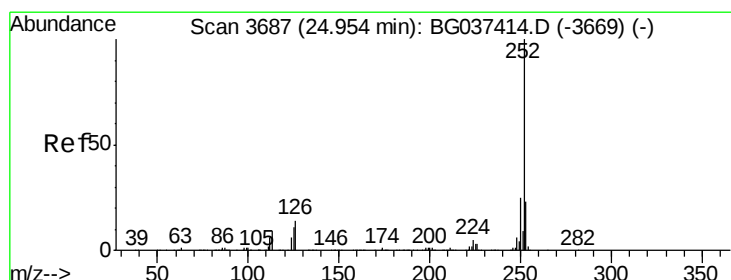
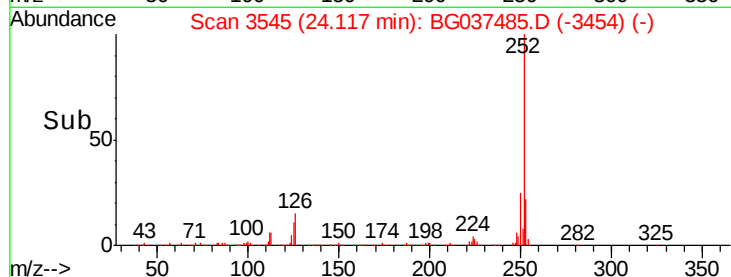
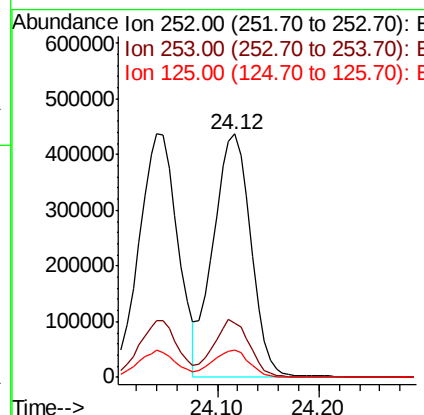
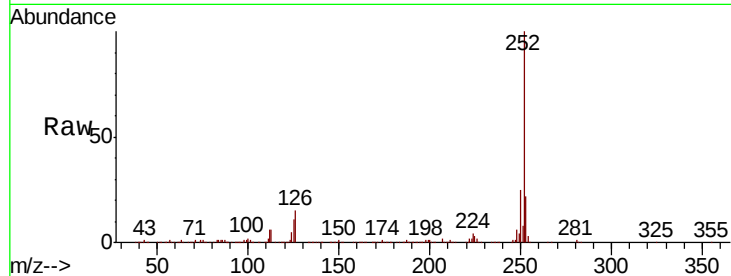




#89
Benzo(k)fluoranthene
Concen: 46.561 ng
RT: 24.12 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

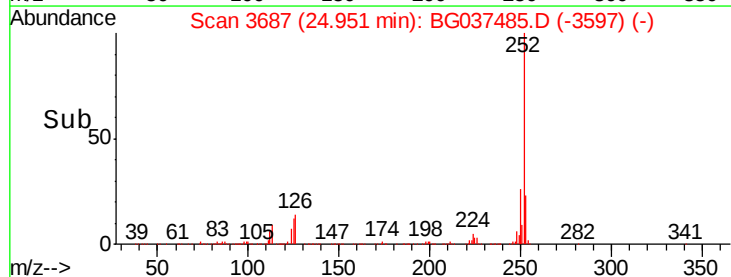
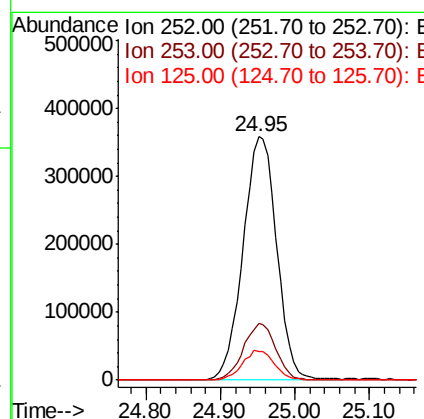
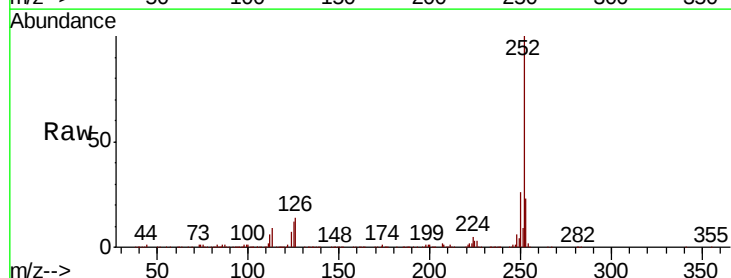
Instrument :
BNA_G
ClientSampled :

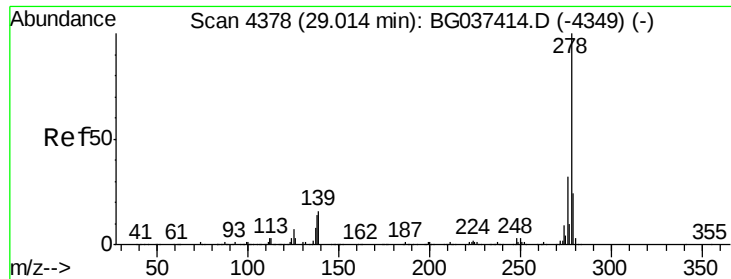
Tot Ion:252 Resp: 1119811
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 11.2 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 47.995 ng
RT: 24.95 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Tgt Ion:252 Resp: 1119539
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 11.6 9.0 13.6



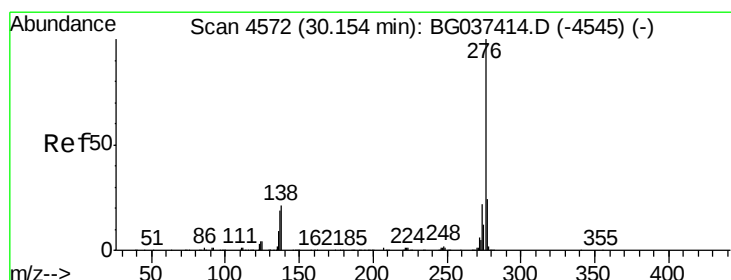
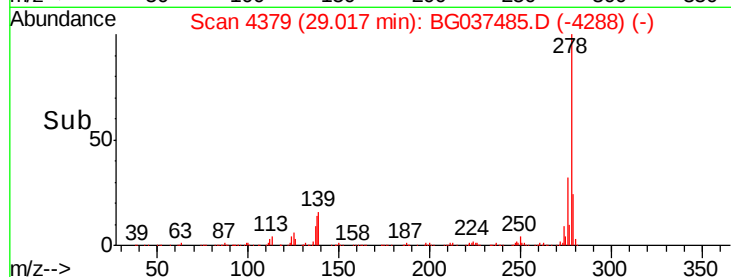
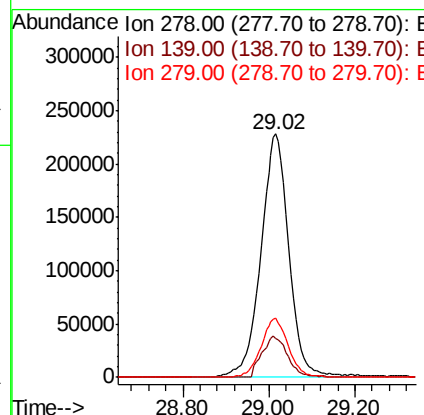
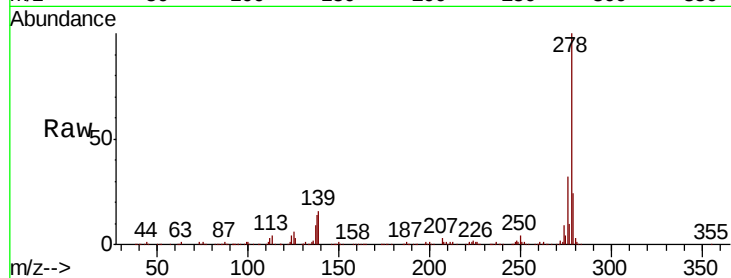


#91
Dibenzo(a,h)anthracene
Concen: 48.746 ng
RT: 29.02 min Scan# 4379
Delta R.T. 0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1048853

Ion	Ratio	Lower	Upper
278	100		
139	16.1	11.5	17.3
279	24.3	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 49.220 ng
RT: 30.16 min Scan# 4573
Delta R.T. 0.00 min
Lab File: BG037485.D
Acq: 23 Oct 2018 20:47

Tgt Ion:276 Resp: 1071448

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.9	28.3
138	23.3	17.2	25.8

