

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037544.D
 Acq On : 25 Oct 2018 14:23
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 08:03:55 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	60507	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	291170	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	192287	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	439518	20.00	ng	0.00
76) Chrysene-d12	21.77	240	385574	20.00	ng	0.00
87) Perylene-d12	25.10	264	401542	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	287455	79.43	ng	0.00
7) Phenol-d6	7.25	99	440087	80.42	ng	0.00
23) Nitrobenzene-d5	9.28	82	413559	79.57	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	166383	79.33	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	956587	75.02	ng	0.00
79) Terphenyl-d14	20.09	244	1391802	77.13	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	71244	38.817	ng	97
3) Pyridine	3.93	79	180198	38.954	ng	96
4) n-Nitrosodimethylamine	3.86	42	67471	40.949	ng	# 88
6) Aniline	7.43	93	267548	40.075	ng	97
8) 2-Chlorophenol	7.66	128	170809	40.343	ng	98
9) Benzaldehyde	7.24	77	128091	37.417	ng	94
10) Phenol	7.27	94	232450	40.257	ng	100
11) bis(2-Chloroethyl)ether	7.52	93	174133	39.707	ng	97
12) 1,3-Dichlorobenzene	7.99	146	185316	39.316	ng	99
13) 1,4-Dichlorobenzene	8.14	146	188568	39.111	ng	98
14) 1,2-Dichlorobenzene	8.46	146	178158	38.413	ng	97
15) Benzyl Alcohol	8.34	79	167431	41.405	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	316498	40.334	ng	97
17) 2-Methylphenol	8.53	107	155402	40.709	ng	98
18) Hexachloroethane	9.19	117	67755	41.221	ng	98
19) n-Nitroso-di-n-propylamine	8.91	70	152368	40.432	ng	96
20) 3+4-Methylphenols	8.86	107	223958	41.034	ng	98
22) Acetophenone	8.93	105	279175	38.231	ng	98
24) Nitrobenzene	9.33	77	214449	39.715	ng	93
25) Isophorone	9.84	82	379412	39.950	ng	98
26) 2-Nitrophenol	10.03	139	107687	44.270	ng	99
27) 2,4-Dimethylphenol	10.07	122	168925	38.894	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	239329	38.463	ng	98
29) 2,4-Dichlorophenol	10.56	162	190126	39.317	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	202623	38.531	ng	95
31) Naphthalene	10.98	128	541389	37.855	ng	99
32) Benzoic acid	10.20	122	138064	48.943	ng	96
33) 4-Chloroaniline	11.08	127	261415	38.903	ng	97
34) Hexachlorobutadiene	11.24	225	119878	38.463	ng	99
35) Caprolactam	11.88	113	76951	39.677	ng	94
36) 4-Chloro-3-methylphenol	12.19	107	212919	39.042	ng	97
37) 2-Methylnaphthalene	12.57	142	398024	38.179	ng	99
38) 1-Methylnaphthalene	12.79	142	384069	37.935	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	235752	38.010	ng	99

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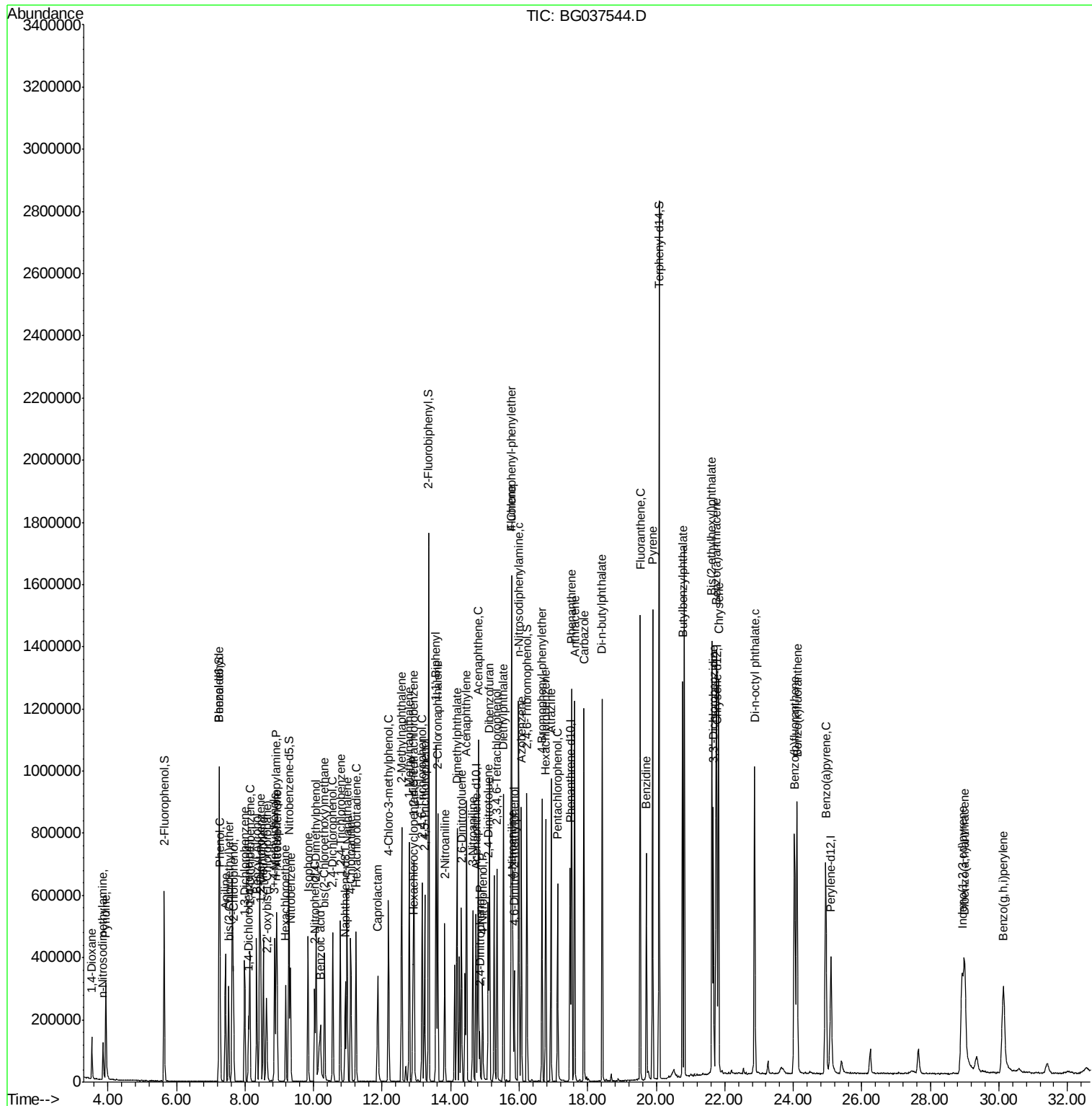
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	110667	37.354	ng	99
43) 2,4,6-Trichlorophenol	13.17	196	167710	40.474	ng	96
44) 2,4,5-Trichlorophenol	13.24	196	175284	38.853	ng	95
46) 1,1'-Biphenyl	13.58	154	598181	37.563	ng	98
47) 2-Chloronaphthalene	13.62	162	456966	37.930	ng	99
48) 2-Nitroaniline	13.83	65	151169	41.377	ng	95
49) Acenaphthylene	14.46	152	692064	38.187	ng	100
50) Dimethylphthalate	14.19	163	567290	38.135	ng	99
51) 2,6-Dinitrotoluene	14.32	165	131275	39.892	ng	96
52) Acenaphthene	14.80	154	417525	37.408	ng	99
53) 3-Nitroaniline	14.65	138	144118	39.449	ng	# 99
54) 2,4-Dinitrophenol	14.85	184	44133	43.870	ng	96
55) Dibenzofuran	15.13	168	690701	37.350	ng	99
56) 4-Nitrophenol	14.93	139	103522	38.283	ng	96
57) 2,4-Dinitrotoluene	15.10	165	182136	42.164	ng	96
58) Fluorene	15.78	166	517926	37.400	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	148090	38.338	ng	98
60) Diethylphthalate	15.54	149	588029	38.503	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	303508	37.602	ng	97
62) 4-Nitroaniline	15.81	138	140303	38.650	ng	95
63) Azobenzene	16.06	77	548157	37.619	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	89485	40.429	ng	97
66) n-Nitrosodiphenylamine	15.98	169	508656	38.474	ng	98
67) 4-Bromophenyl-phenylether	16.67	248	189787	39.321	ng	99
68) Hexachlorobenzene	16.78	284	190276	38.037	ng	99
69) Atrazine	16.93	200	185215	38.748	ng	97
70) Pentachlorophenol	17.12	266	130432	38.926	ng	95
71) Phenanthrene	17.52	178	844098	37.788	ng	99
72) Anthracene	17.62	178	837238	38.193	ng	98
73) Carbazole	17.89	167	846654	38.611	ng	99
74) Di-n-butylphthalate	18.42	149	959418	39.332	ng	99
75) Fluoranthene	19.53	202	956869	37.768	ng	100
77) Benzidine	19.72	184	463076	35.321	ng	99
78) Pyrene	19.89	202	969371	38.459	ng	100
80) Butylbenzylphthalate	20.77	149	424384	41.140	ng	96
81) Benzo(a)anthracene	21.75	228	882138	38.679	ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	340418	38.509	ng	98
83) Chrysene	21.82	228	841361	38.366	ng	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	593741	41.062	ng	98
85) Di-n-octyl phthalate	22.87	149	977132	41.441	ng	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	830523	35.310	ng	99
88) Benzo(b)fluoranthene	24.03	252	831445	37.769	ng	99
89) Benzo(k)fluoranthene	24.10	252	833453	38.643	ng	97
90) Benzo(a)pyrene	24.94	252	804889	38.478	ng	97
91) Dibenzo(a,h)anthracene	29.00	278	687578	35.634	ng	98
92) Benzo(g,h,i)perylene	30.13	276	658641	33.739	ng	99

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

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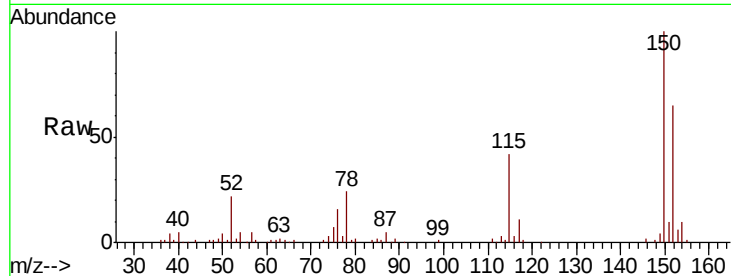


#1

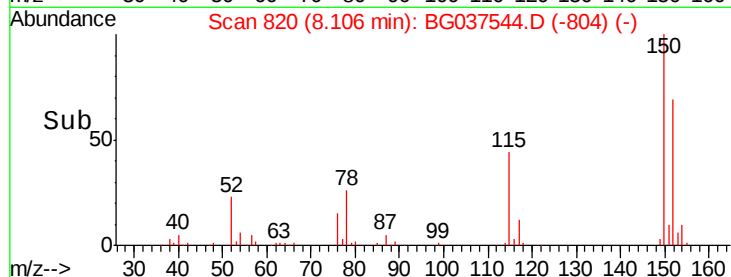
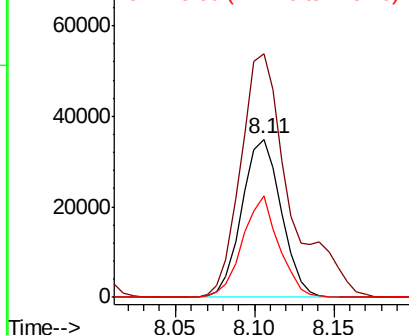
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 60507
Ion Ratio Lower Upper
152 100
150 154.1 126.0 189.0
115 64.0 45.5 68.3



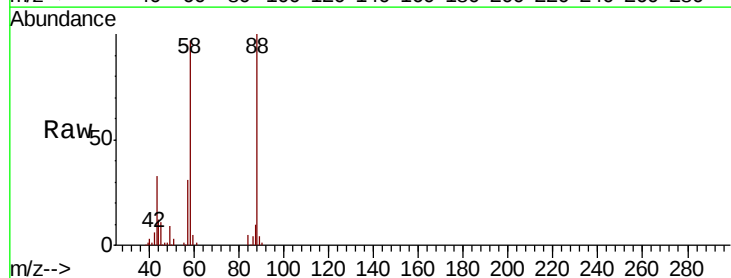
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



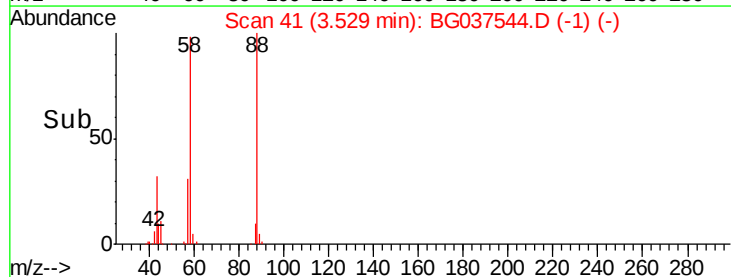
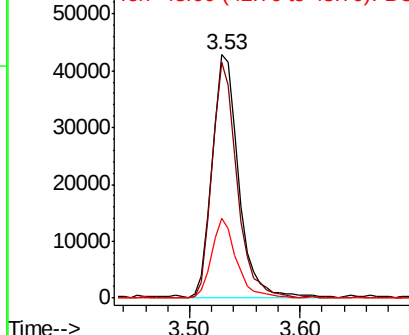
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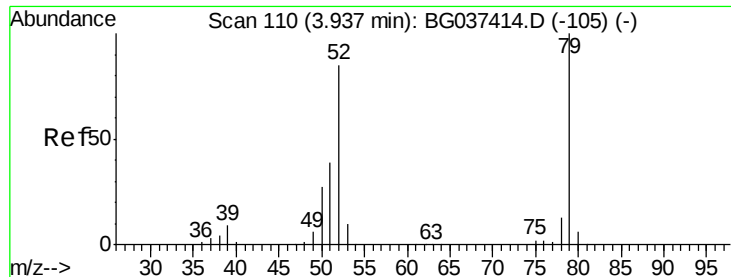
1,4-Dioxane
Concen: 38.817 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

Tgt Ion: 88 Resp: 71244
Ion Ratio Lower Upper
88 100
58 90.6 74.4 111.6
43 30.6 25.8 38.8



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





#3

Pvridine

Concen: 38.954 ng

RT: 3.93 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

Instrument :

BNA_F

ClientSampleId :

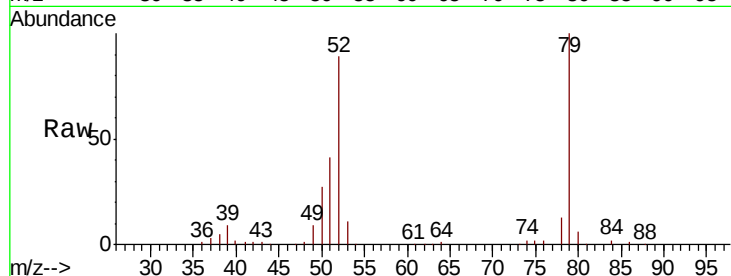
Tot Ion: 79 Resp: 180198

Ion Ratio Lower Upper

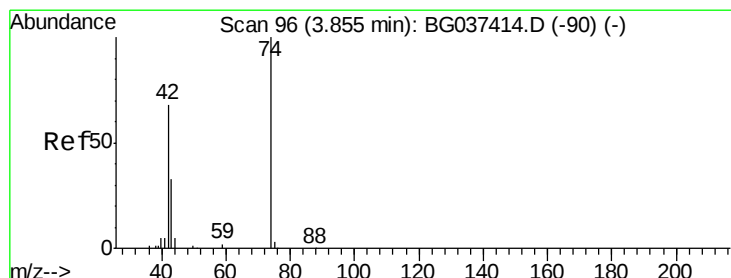
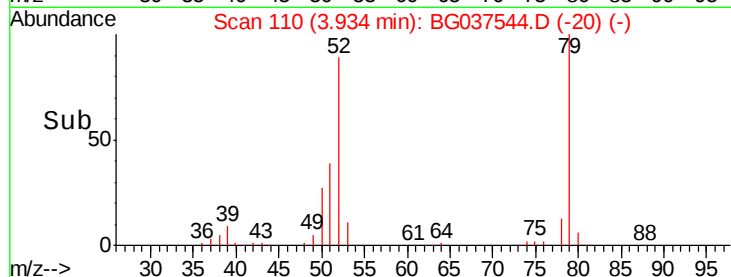
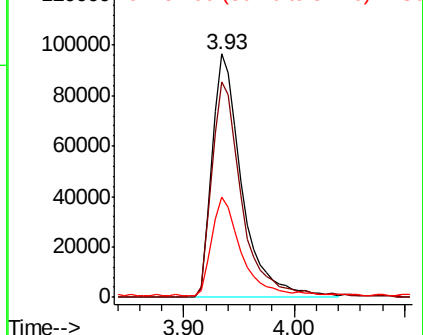
79 100

52 88.6 74.2 111.2

51 41.0 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 40.949 ng

RT: 3.86 min Scan# 97

Delta R.T. 0.00 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

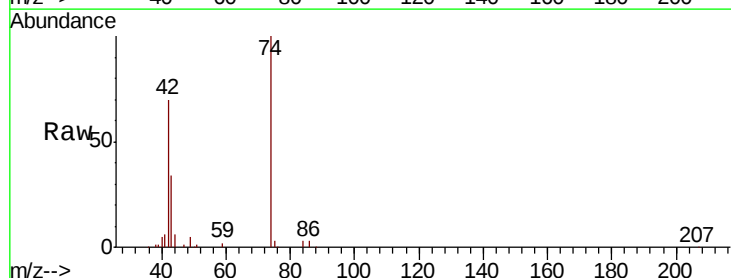
Tgt Ion: 42 Resp: 67471

Ion Ratio Lower Upper

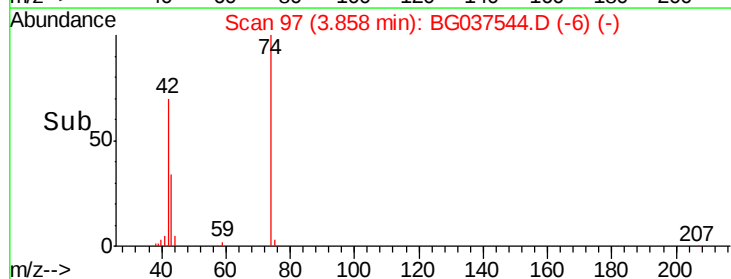
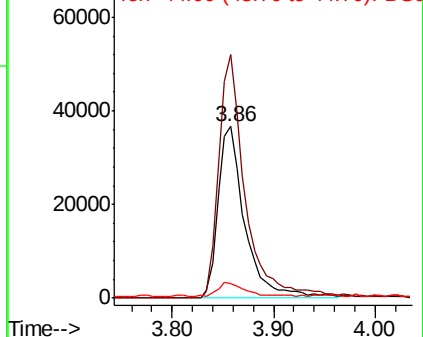
42 100

74 142.1 102.0 153.0

44 8.7 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: 79.426 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

Instrument :

BNA_F

ClientSampled :

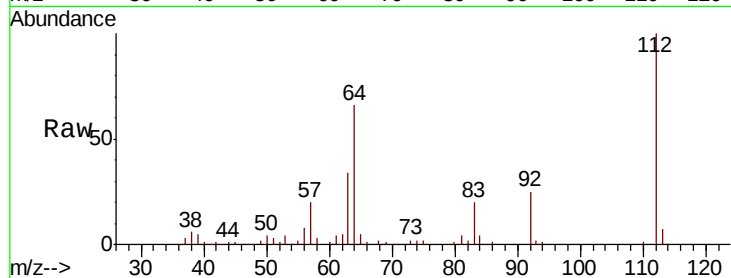
Tot Ion: 112 Resp: 287455

Ion Ratio Lower Upper

112 100

64 66.4 53.1 79.7

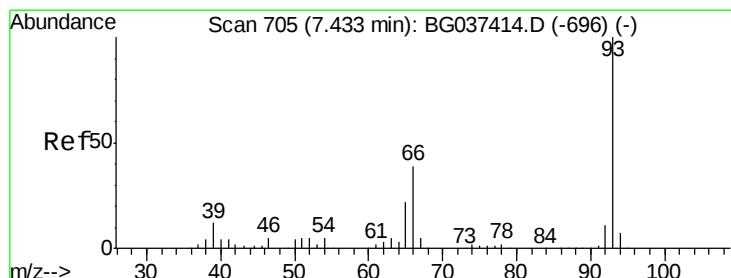
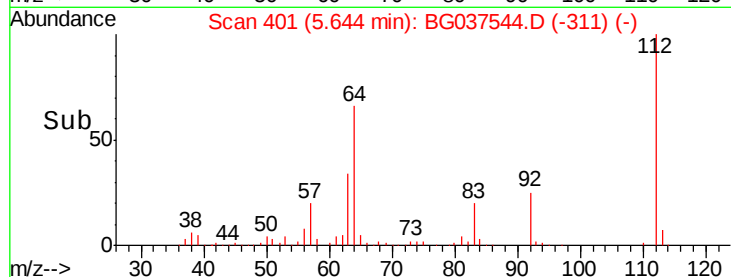
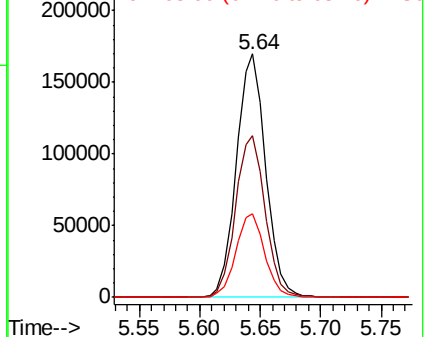
63 34.5 27.3 40.9



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: 40.075 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

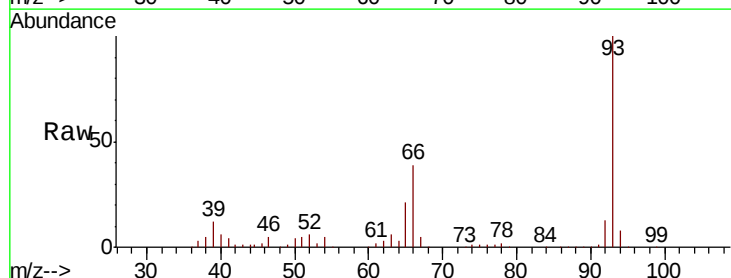
Tgt Ion: 93 Resp: 267548

Ion Ratio Lower Upper

93 100

66 38.6 32.8 49.2

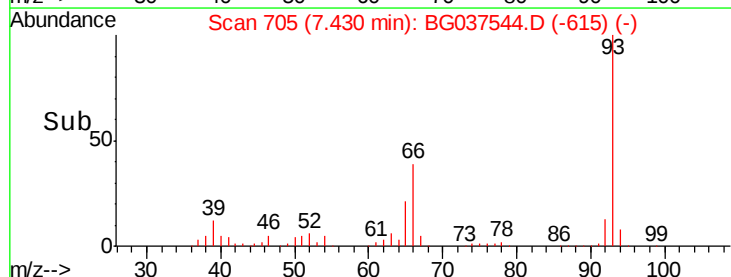
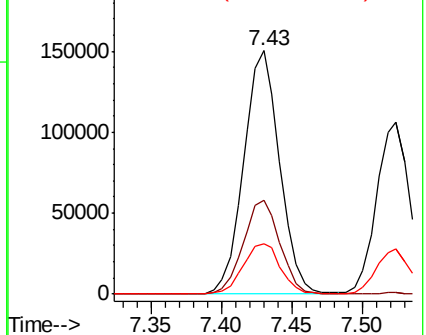
65 20.5 16.4 24.6



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: 80.416 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

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ClientSampleId :

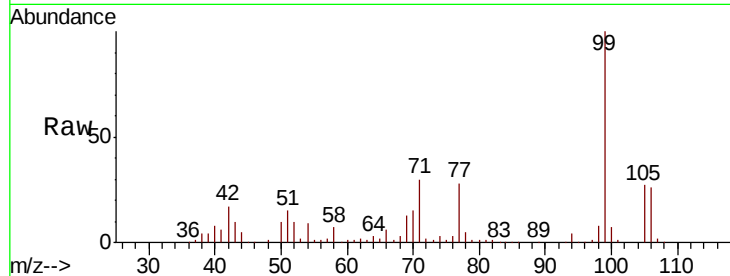
Tot Ion: 99 Resp: 440087

Ion Ratio Lower Upper

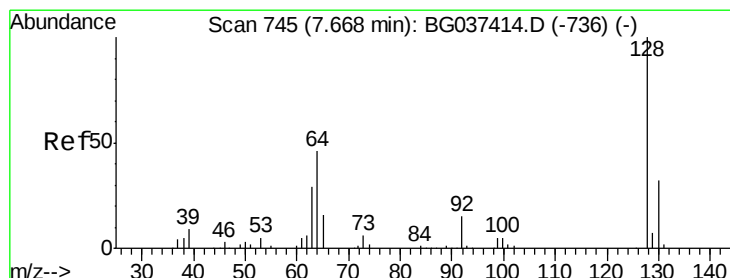
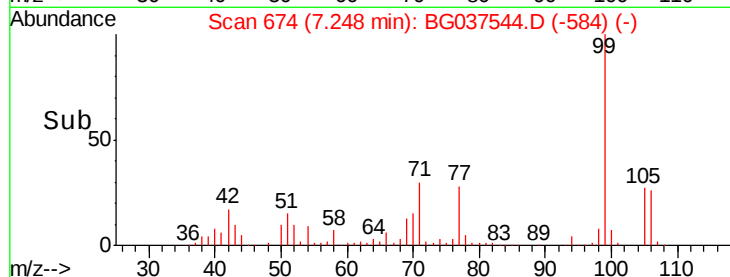
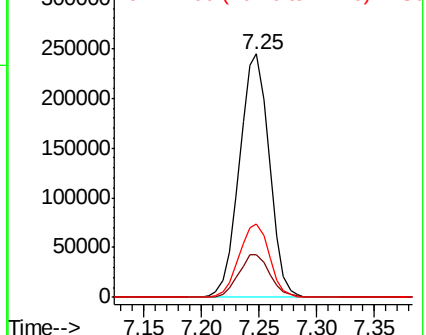
99 100

42 17.3 15.0 22.4

71 30.1 25.5 38.3



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



#8

2-Chlorophenol

Concen: 40.343 ng

RT: 7.66 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

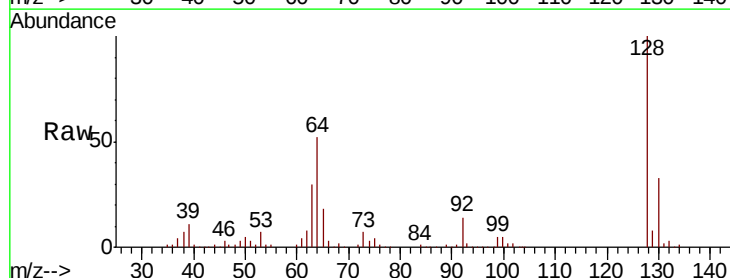
Tgt Ion: 128 Resp: 170809

Ion Ratio Lower Upper

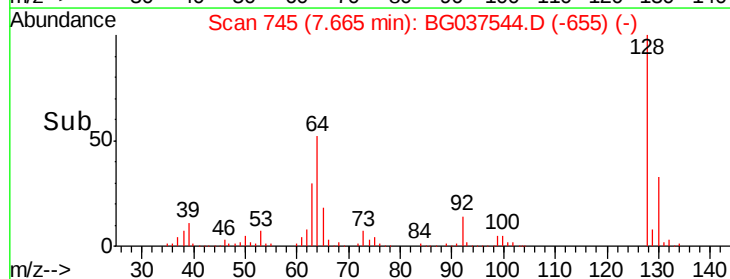
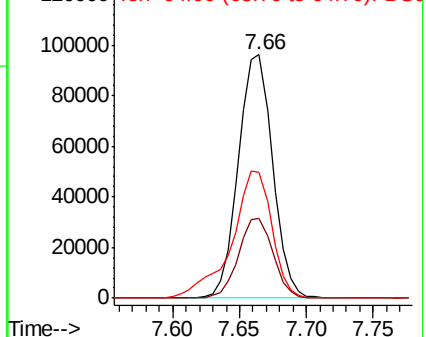
128 100

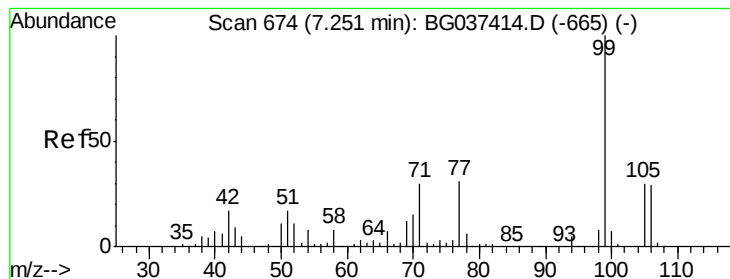
130 32.7 12.0 52.0

64 51.5 32.9 72.9



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





#9

Benzaldehyde

Concen: 37.417 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

Instrument :

BNA_F

ClientSampled :

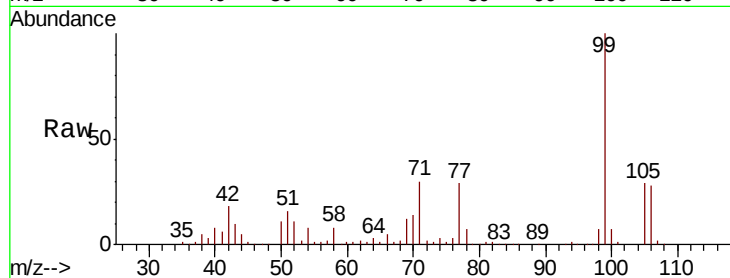
Tot Ion: 77 Resp: 128091

Ion Ratio Lower Upper

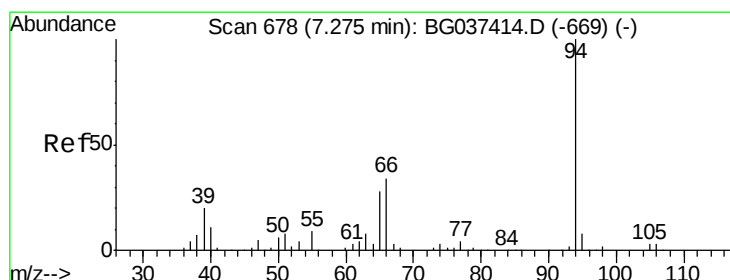
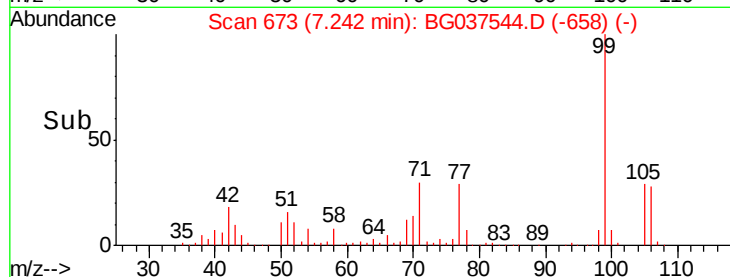
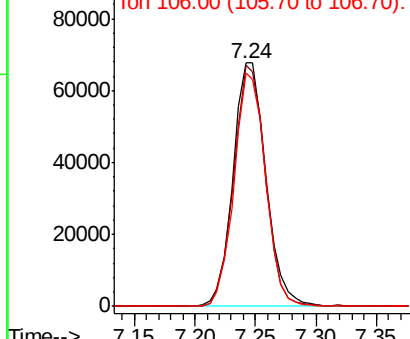
77 100

105 98.8 72.6 112.6

106 95.8 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: 40.257 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

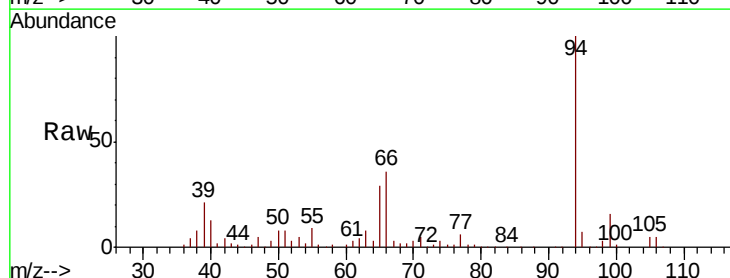
Tgt Ion: 94 Resp: 232450

Ion Ratio Lower Upper

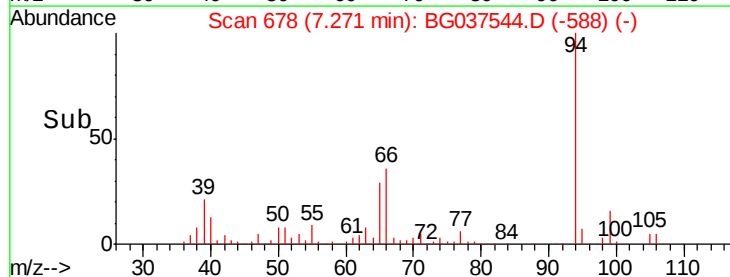
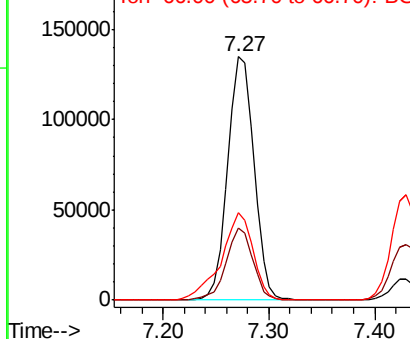
94 100

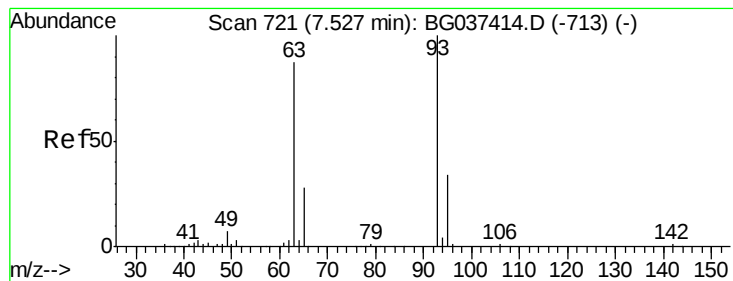
65 29.4 9.7 49.7

66 35.7 15.9 55.9



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





#11

bis(2-Chloroethyl)ether

Concen: 39.707 ng

RT: 7.52 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

Instrument :

BNA_F

ClientSampleId :

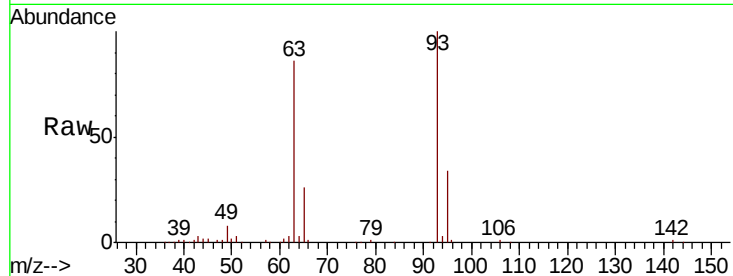
Tot Ion: 93 Resp: 174133

Ion Ratio Lower Upper

93 100

63 85.9 69.5 109.5

95 33.7 12.6 52.6

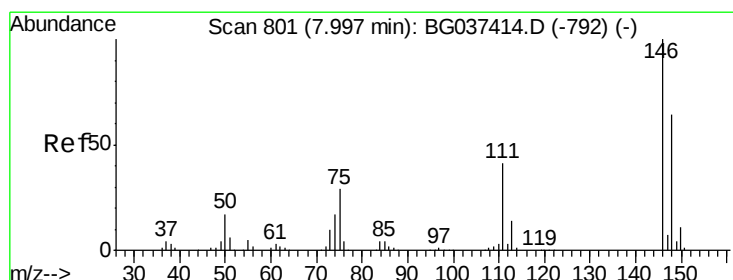
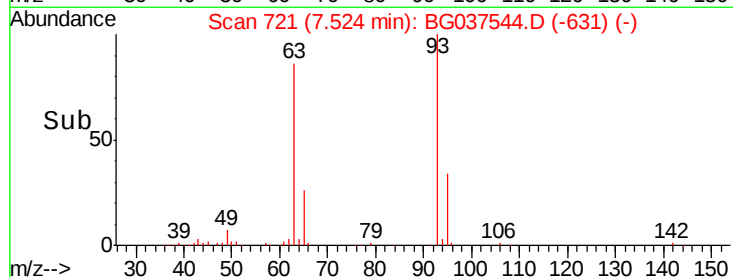
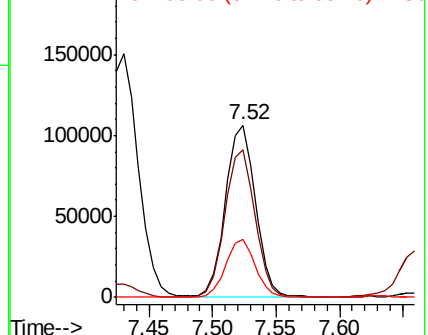


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 39.316 ng

RT: 7.99 min Scan# 800

Delta R.T. -0.01 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

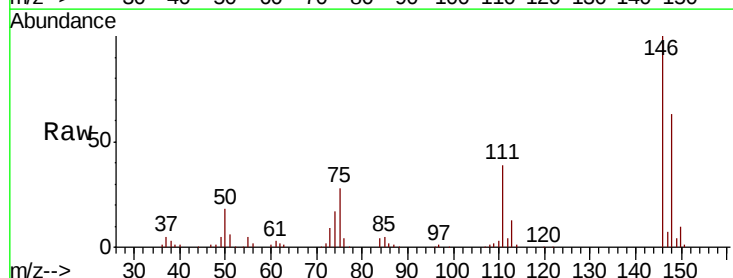
Tgt Ion: 146 Resp: 185316

Ion Ratio Lower Upper

146 100

148 62.8 49.8 74.8

75 28.3 23.2 34.8

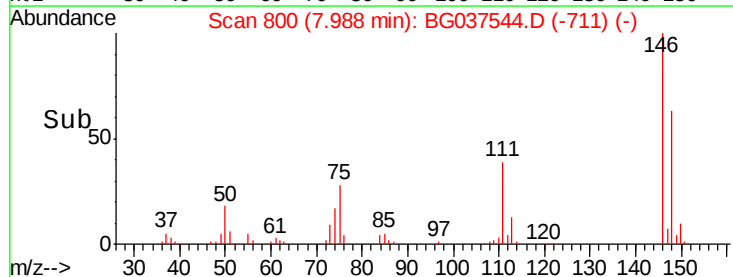
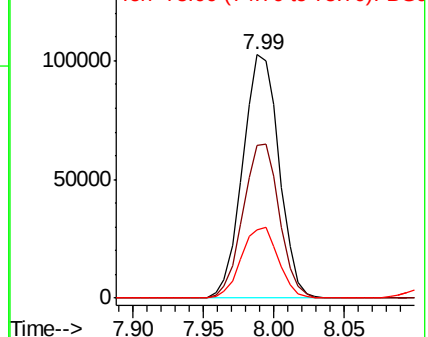


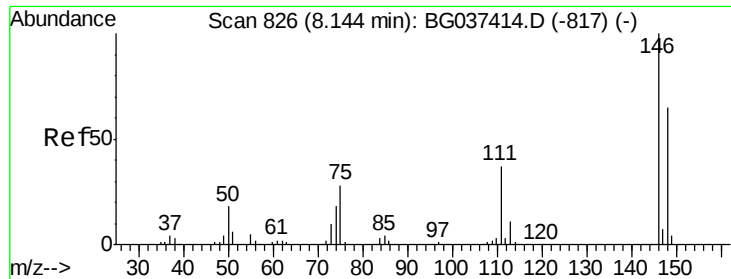
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

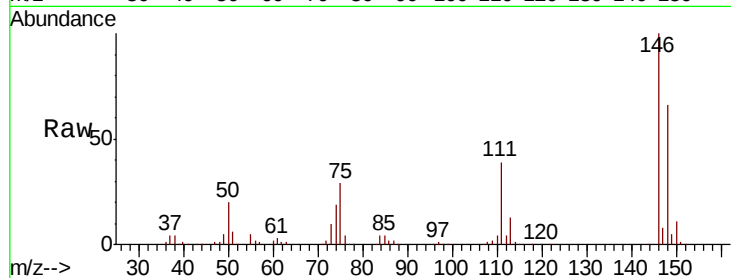




#13
 1,4-Dichlorobenzene
 Concen: 39.111 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.0	76.6
111	39.3	32.4	48.6

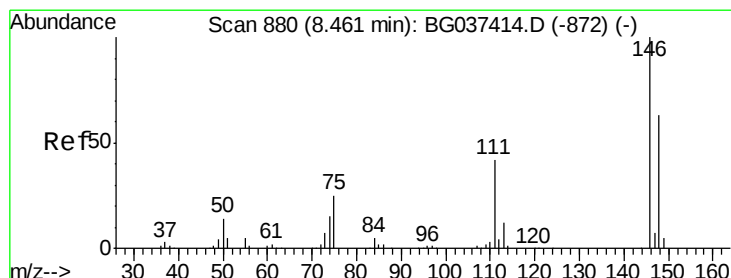
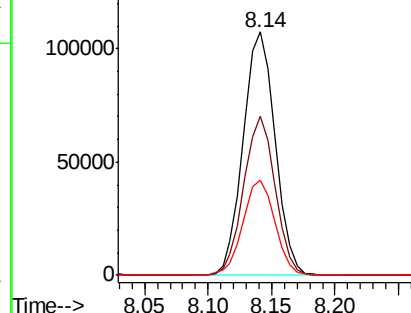
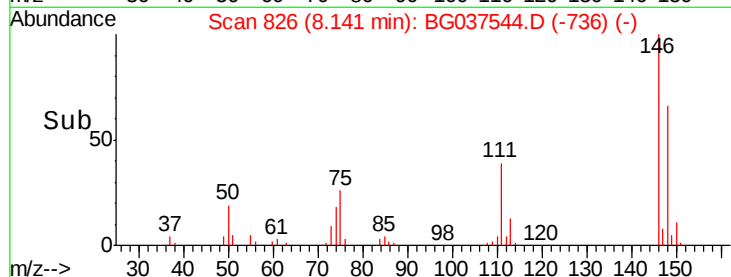


Abundance

Ion 146.00 (145.70 to 146.70): E

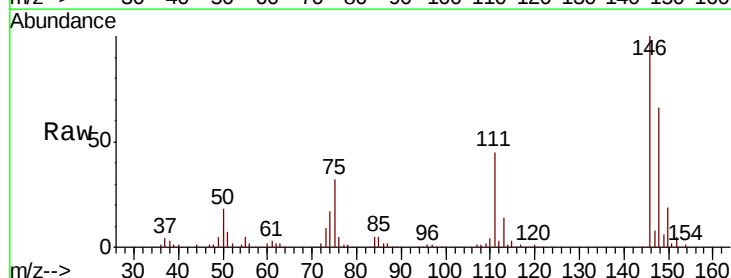
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.413 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.4	75.6
111	44.6	34.6	51.8

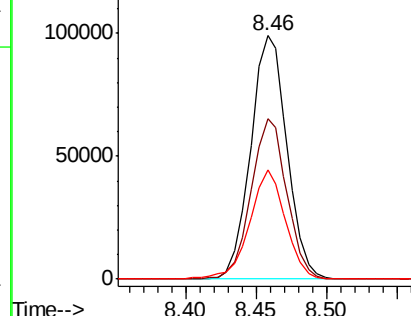
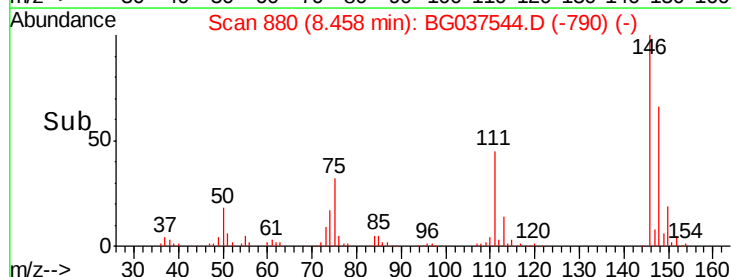


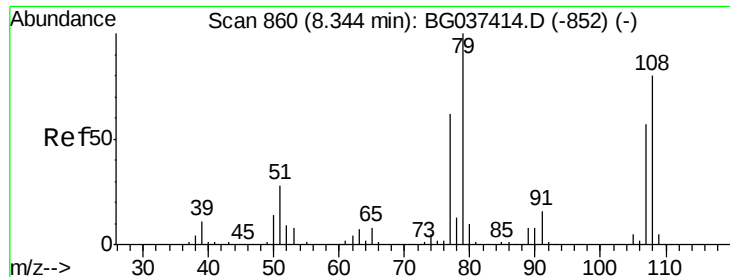
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.405 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

Instrument :

BNA_F

ClientSampleId :

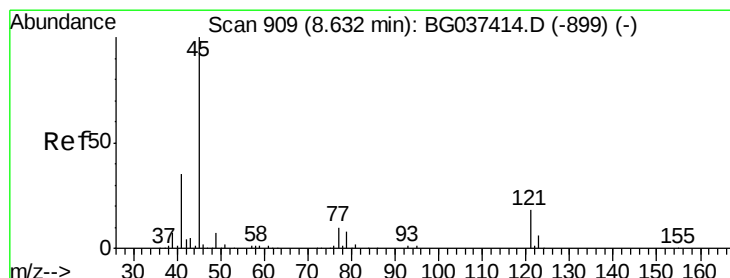
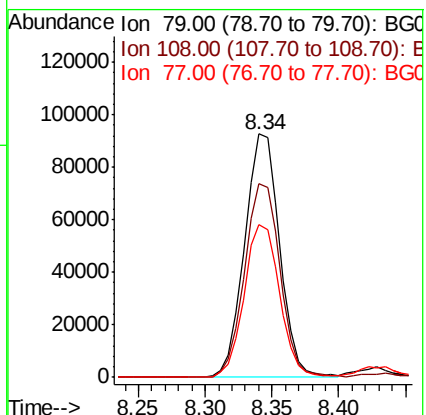
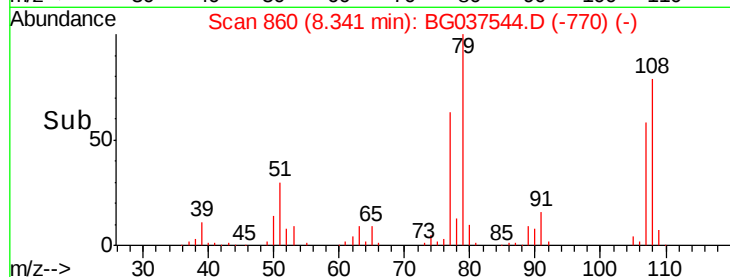
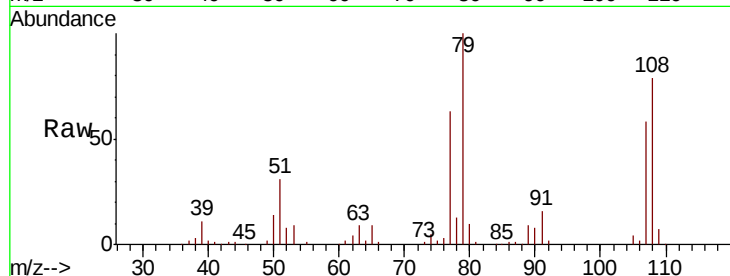
Tot Ion: 79 Resp: 167431

Ion Ratio Lower Upper

79 100

108 79.3 65.8 98.8

77 62.8 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.334 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

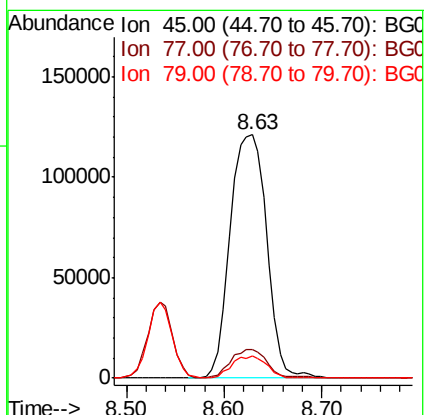
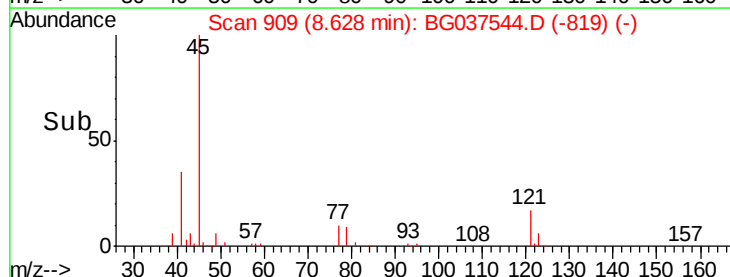
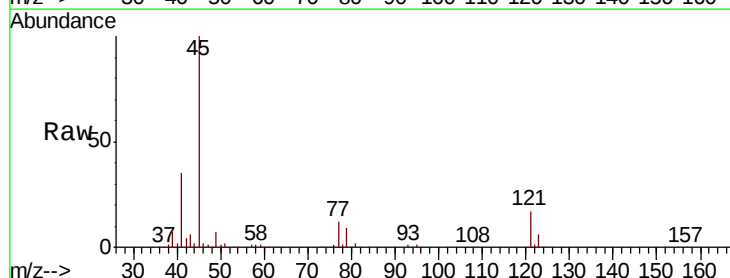
Tgt Ion: 45 Resp: 316498

Ion Ratio Lower Upper

45 100

77 11.5 0.0 30.0

79 9.3 0.0 29.0

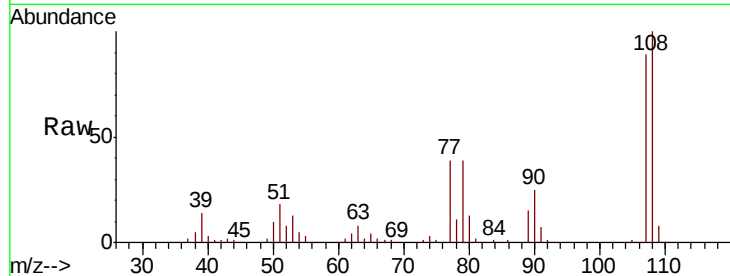




#17
2-Methylphenol
Concen: 40.709 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	87.9	131.9
77	43.8	35.1	52.7
79	44.0	34.5	51.7



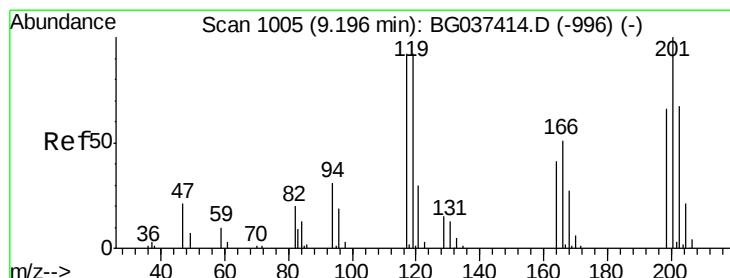
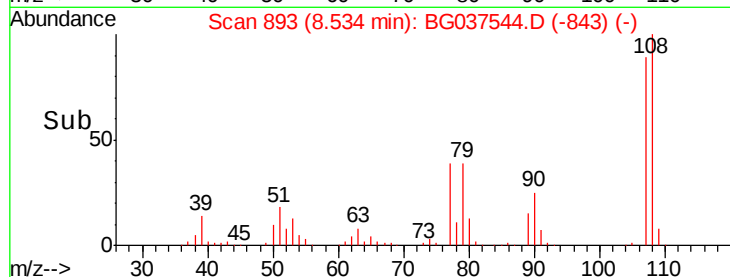
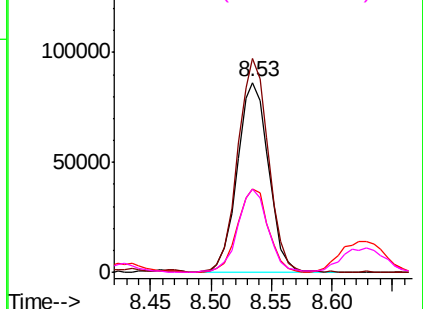
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

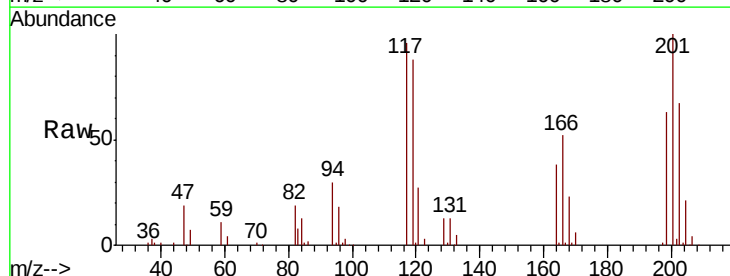
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.221 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.8	74.6	111.8
201	104.2	80.8	121.2

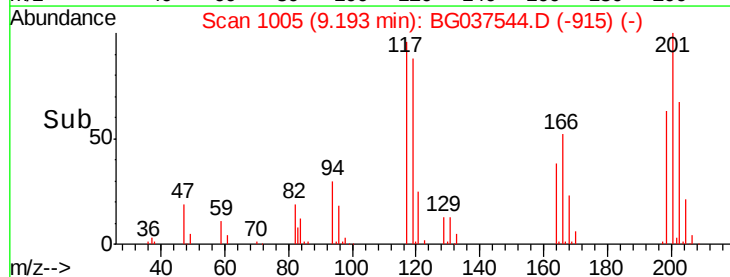
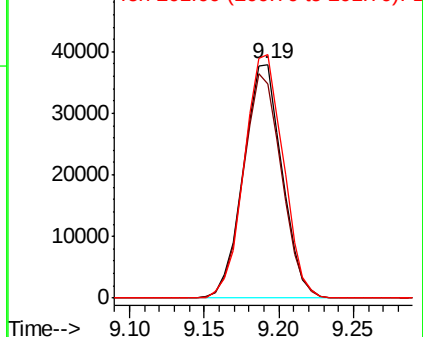


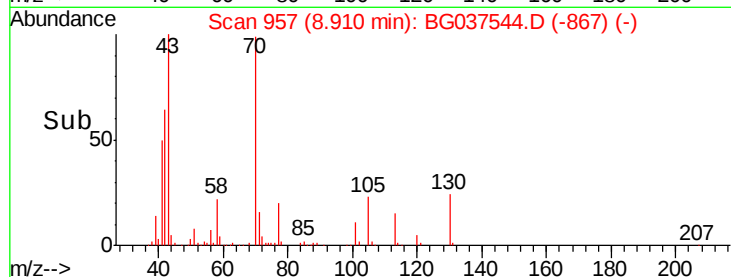
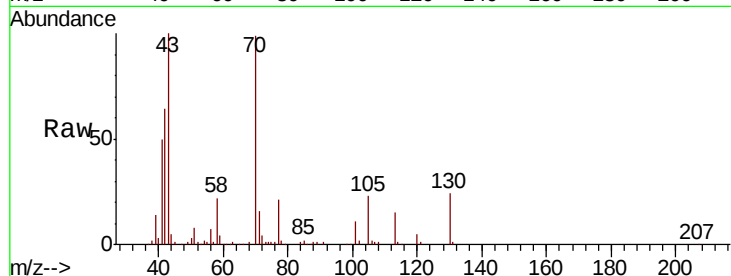
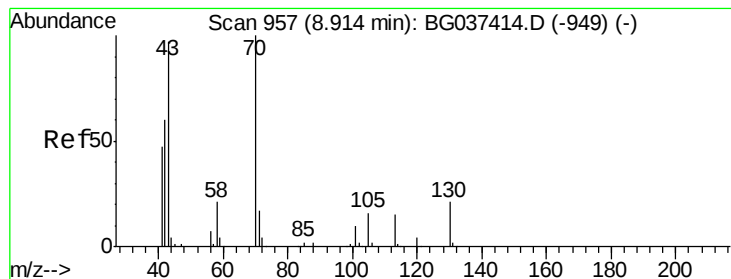
Abundance

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: 40.432 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 152368

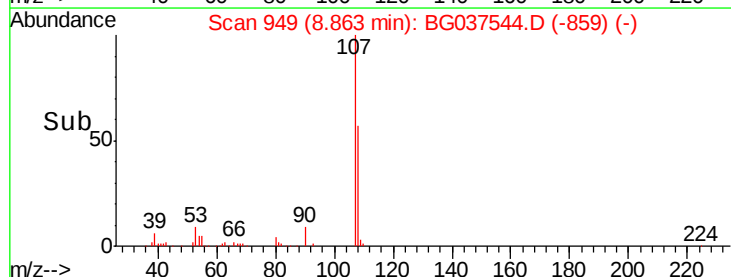
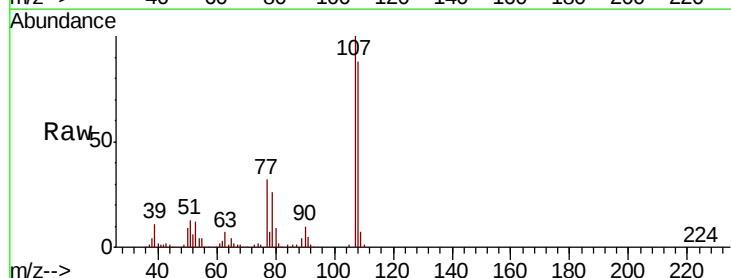
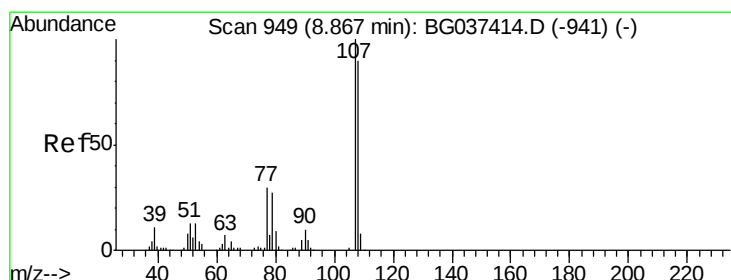
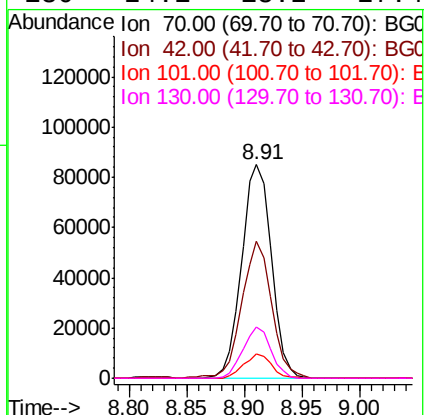
Ion Ratio Lower Upper

70 100

42 64.2 53.9 80.9

101 11.2 8.2 12.2

130 24.1 18.2 27.4



#20

3+4-Methylphenols

Concen: 41.034 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

Tgt Ion: 107 Resp: 223958

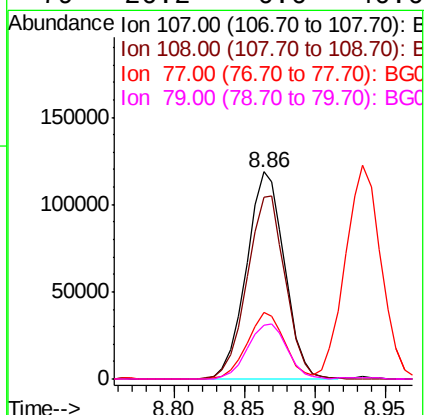
Ion Ratio Lower Upper

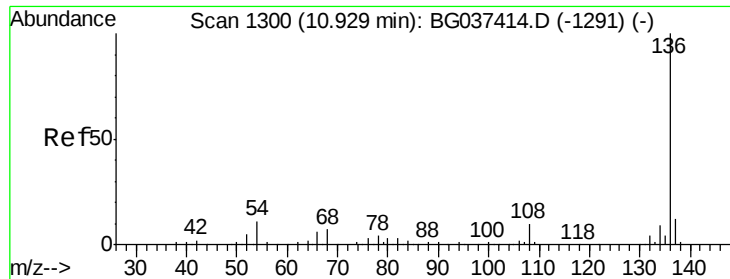
107 100

108 87.6 69.9 109.9

77 32.0 11.2 51.2

79 26.2 6.6 46.6

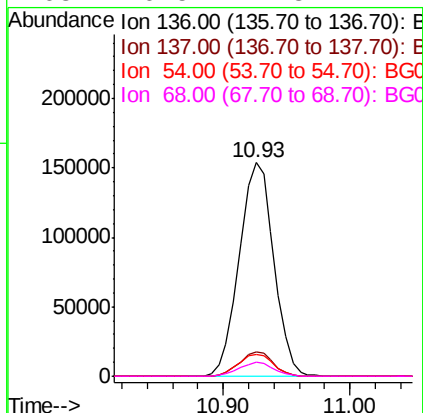
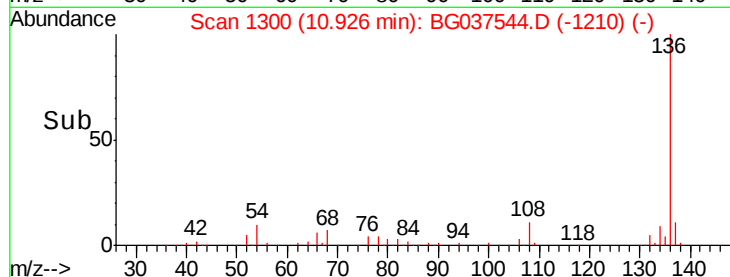
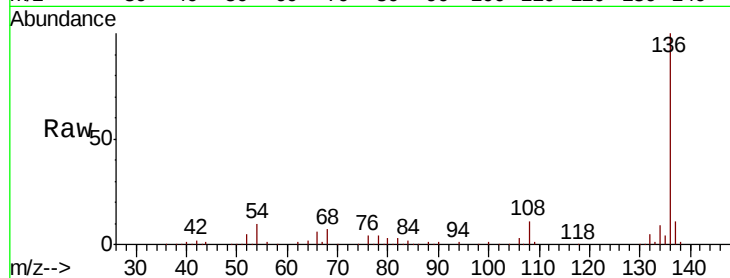




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

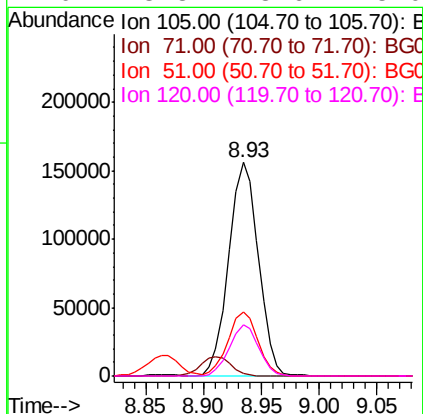
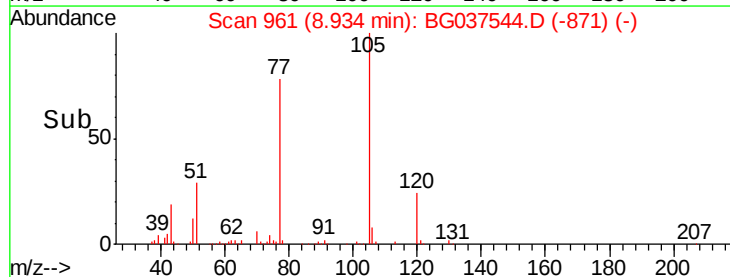
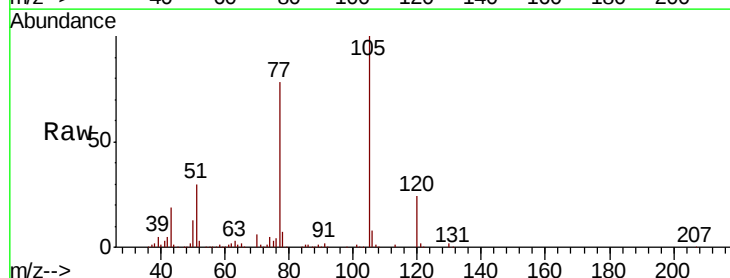
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	291170
Ion	Ratio	Lower Upper
136	100	
137	11.5	9.6 14.4
54	10.5	7.9 11.9
68	6.5	4.8 7.2



#22
Acetophenone
Concen: 38.231 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

Tgt Ion:105	Resp:	279175
Ion	Ratio	Lower Upper
105	100	
71	1.2	1.2 1.8
51	29.7	25.0 37.6
120	23.8	18.6 28.0

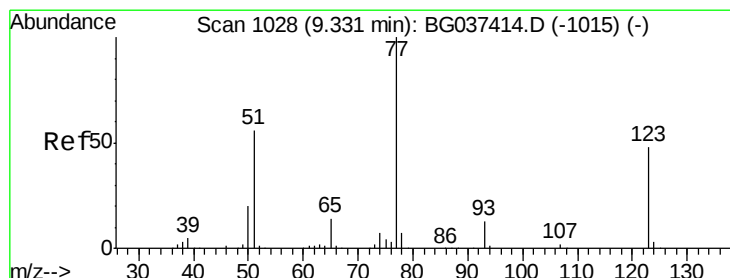
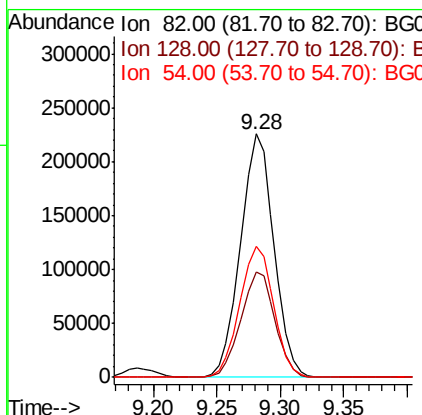
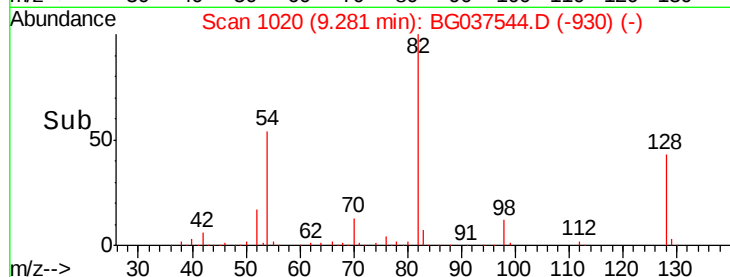
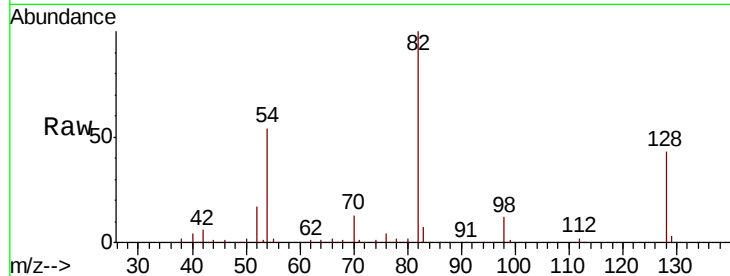




#23
 Nitrobenzene-d5
 Concen: 79.566 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

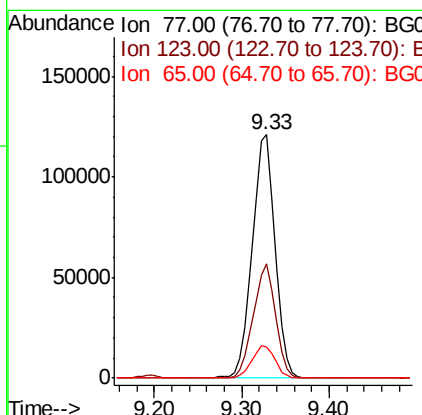
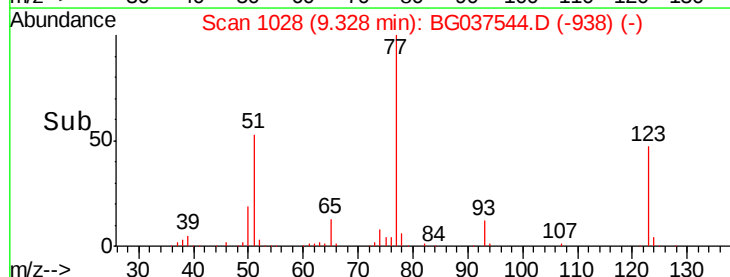
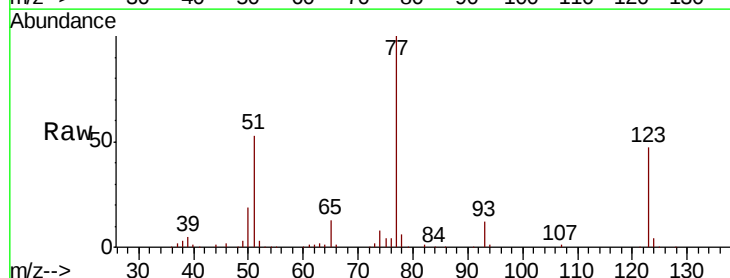
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	413559
Ion Ratio	Lower	Upper	
82	100		
128	43.4	34.6	51.8
54	53.6	45.3	67.9



#24
 Nitrobenzene
 Concen: 39.715 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

Tgt Ion	77	Resp	214449
Ion Ratio	Lower	Upper	
77	100		
123	46.9	33.6	50.4
65	12.9	11.3	16.9

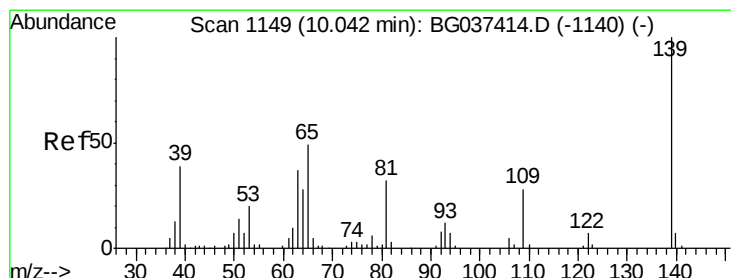
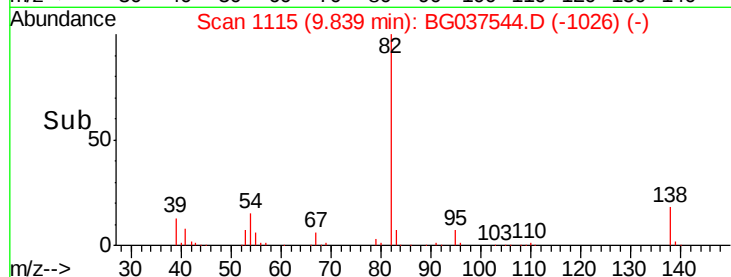
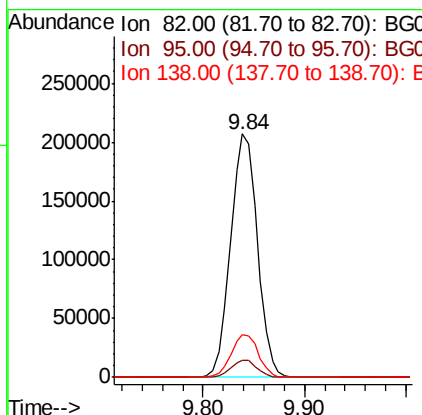
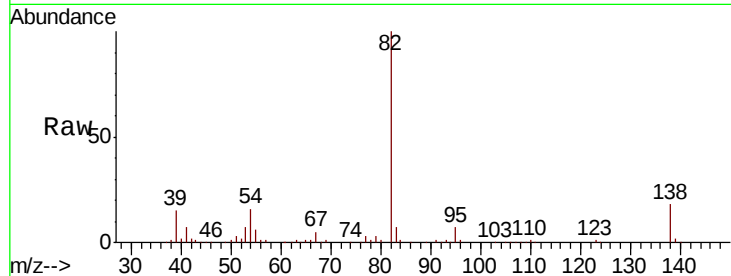




#25
Isophorone
Concen: 39.950 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

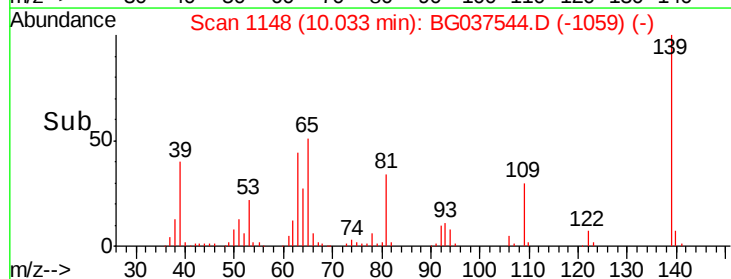
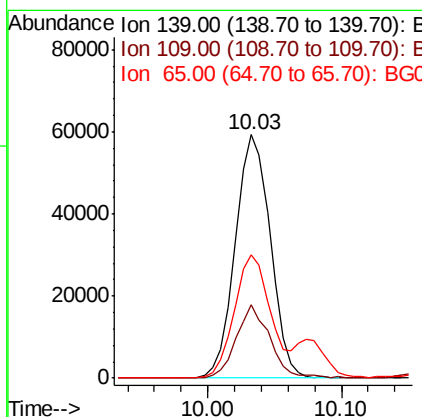
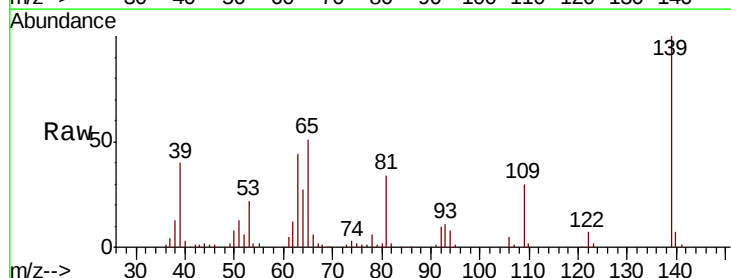
Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	379412
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	17.6	13.3	19.9



#26
2-Nitrophenol
Concen: 44.270 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

Tgt Ion	139	Resp	107687
Ion Ratio	Lower	Upper	
139	100		
109	29.9	23.3	34.9
65	50.6	39.8	59.8

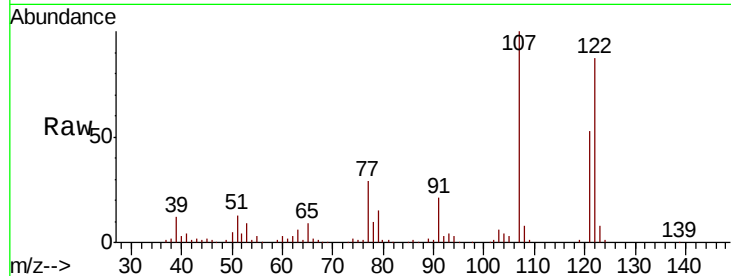




#27
 2,4-Dimethylphenol
 Concen: 38.894 ng
 RT: 10.07 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.9	94.2	141.2
121	60.3	47.3	70.9

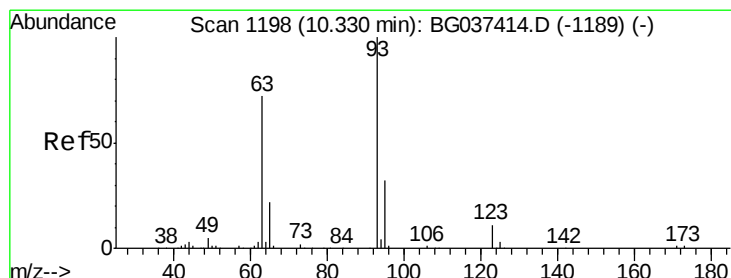
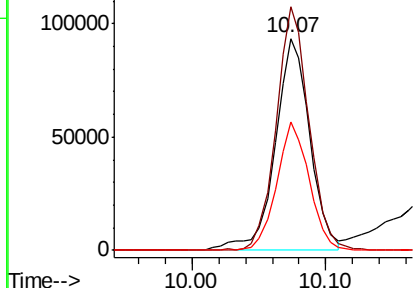
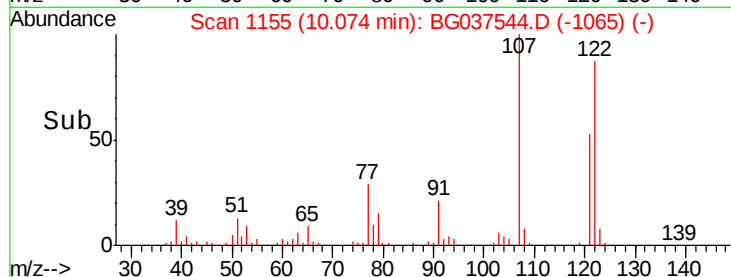


Abundance

Ion 122.00 (121.70 to 122.70): E

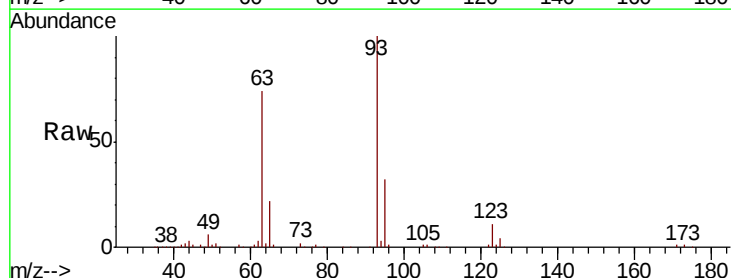
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.463 ng
 RT: 10.32 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.6	37.0
123	11.3	9.1	13.7

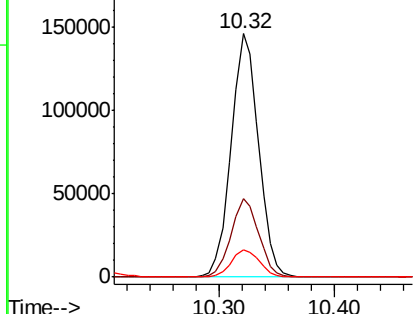
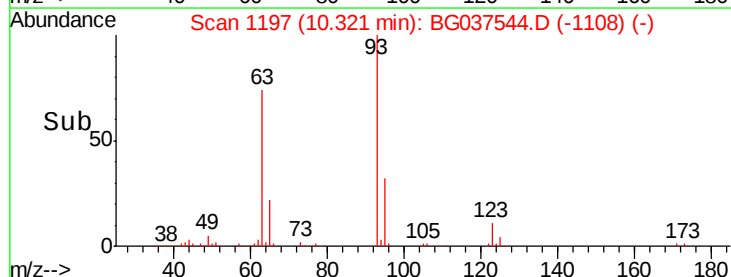


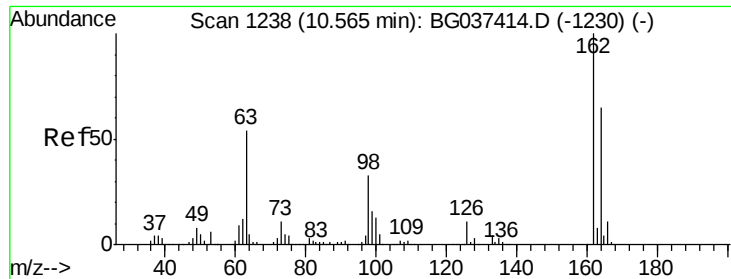
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

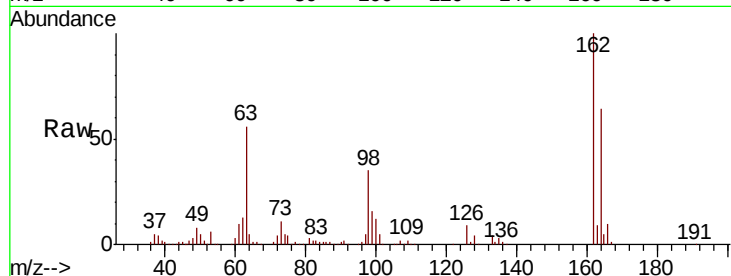




#29
2,4-Dichlorophenol
Concen: 39.317 ng
RT: 10.56 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.2	83.2
98	34.8	16.0	56.0

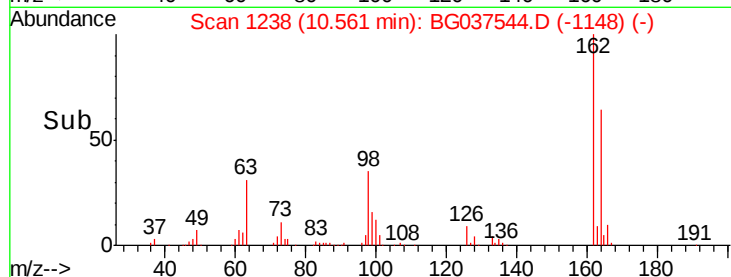
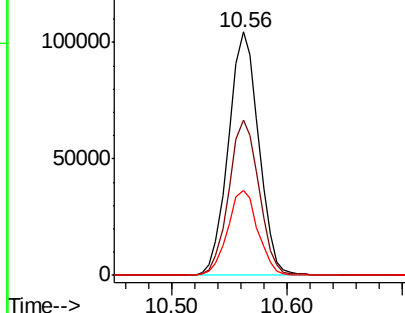


Abundance

Ion 162.00 (161.70 to 162.70): E

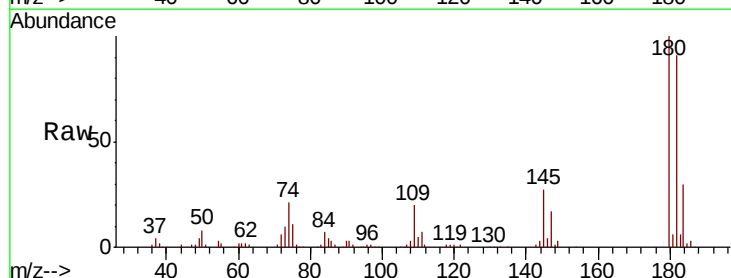
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 38.531 ng
RT: 10.78 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	77.7	116.5
145	27.1	23.3	34.9

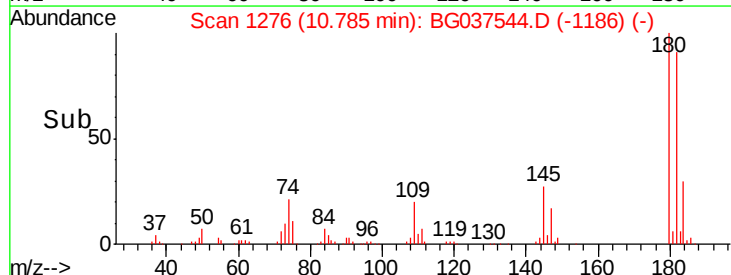
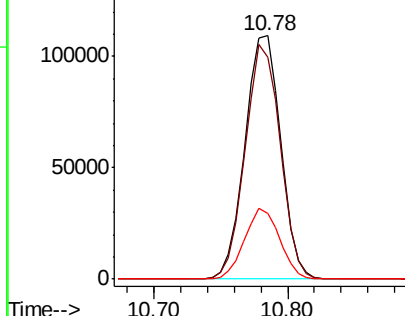


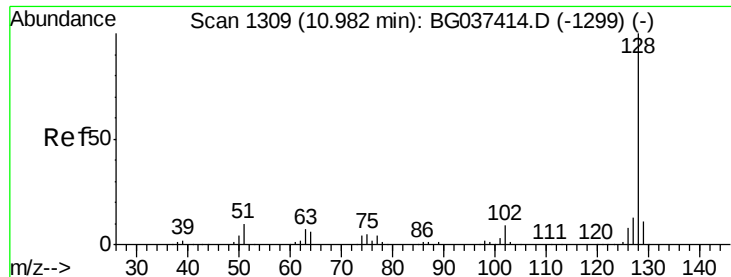
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

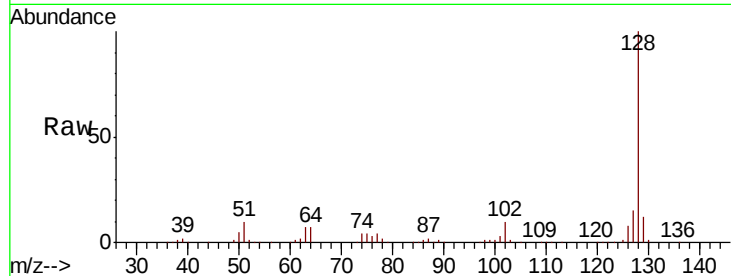




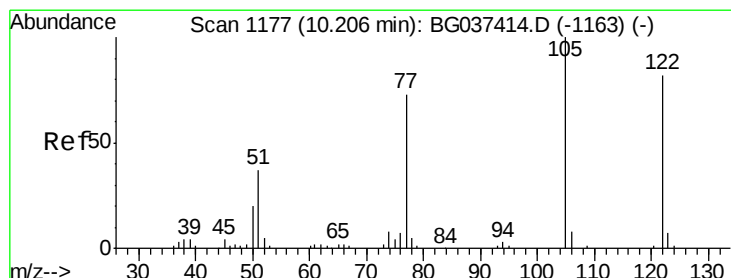
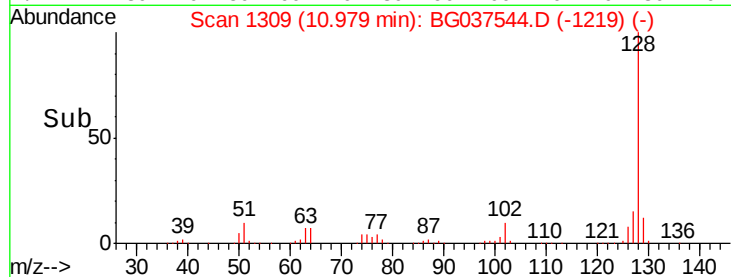
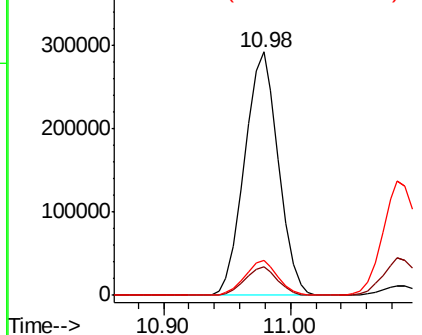
#31
Naphthalene
Concen: 37.855 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 541389
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 14.6 11.1 16.7

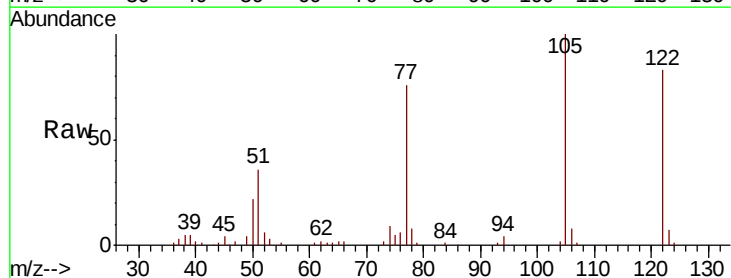


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

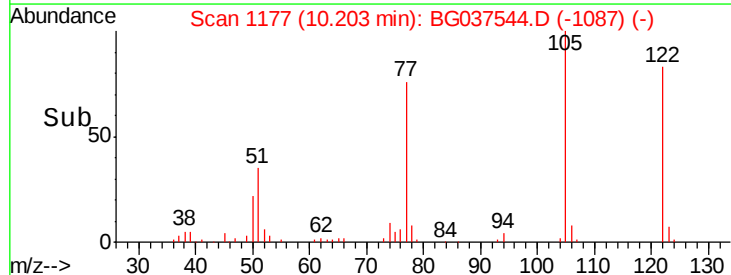
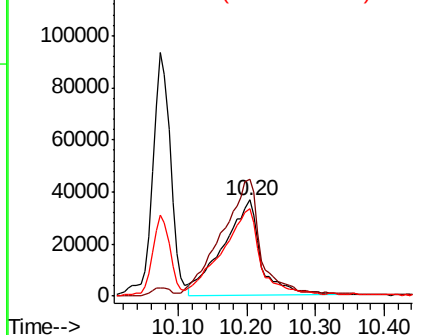


#32
Benzoic acid
Concen: 48.943 ng
RT: 10.20 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

Tgt Ion:122 Resp: 138064
Ion Ratio Lower Upper
122 100
105 120.7 106.7 146.7
77 91.1 72.2 112.2



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

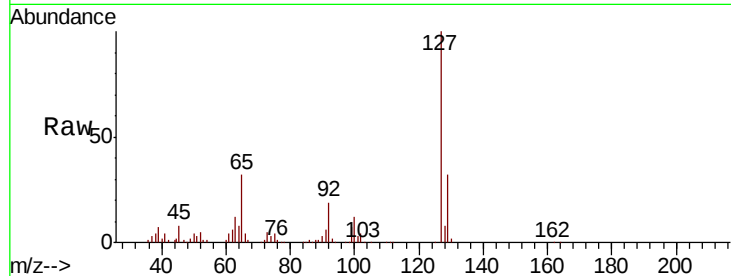




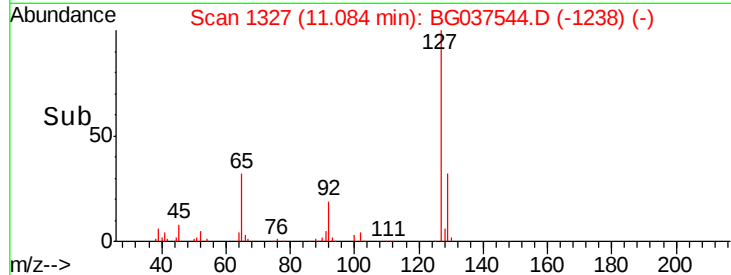
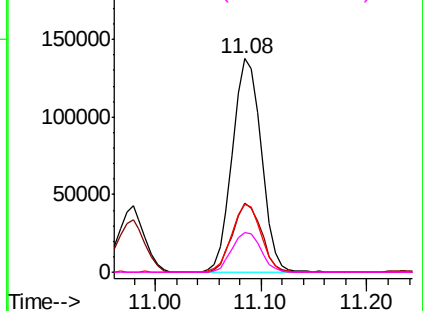
#33
4-Chloroaniline
Concen: 38.903 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	261415
Ion	Ratio	Lower	Upper
127	100		
129	32.4	27.1	40.7
65	31.9	26.6	39.8
92	18.8	16.4	24.6

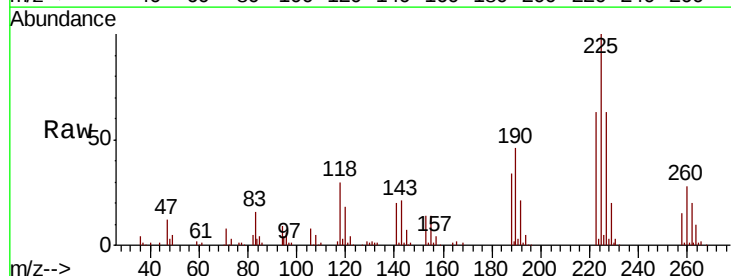


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

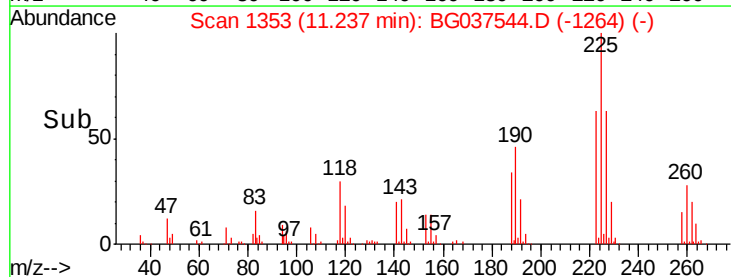
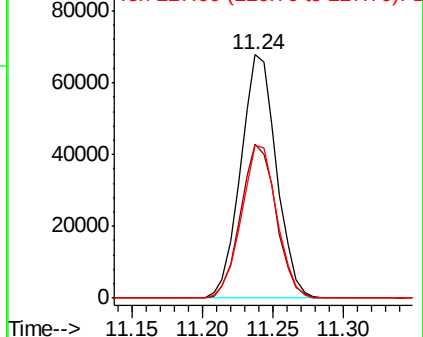


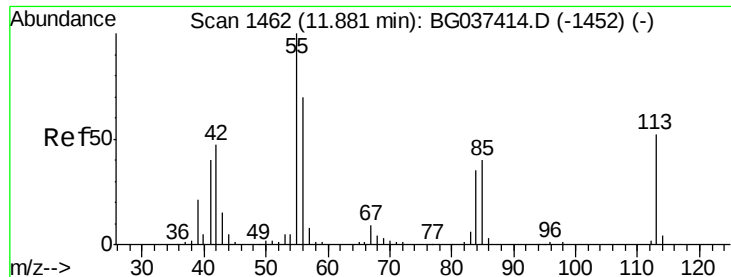
#34
Hexachlorobutadiene
Concen: 38.463 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

Tgt Ion:	225	Resp:	119878
Ion	Ratio	Lower	Upper
225	100		
223	60.4	48.2	72.4
227	62.4	51.6	77.4



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

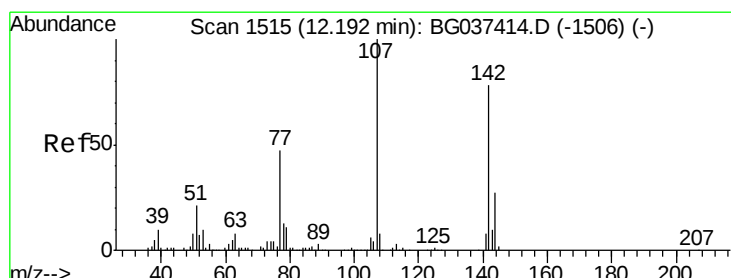
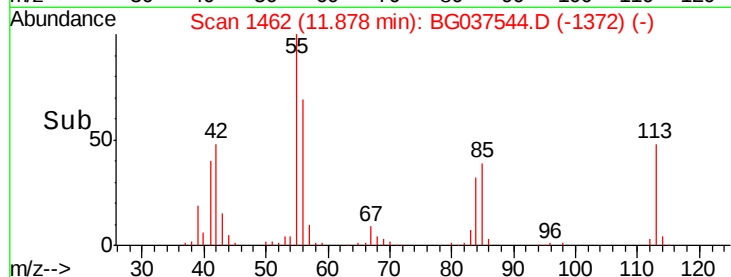
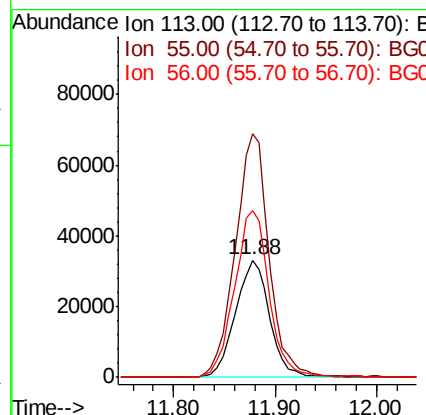
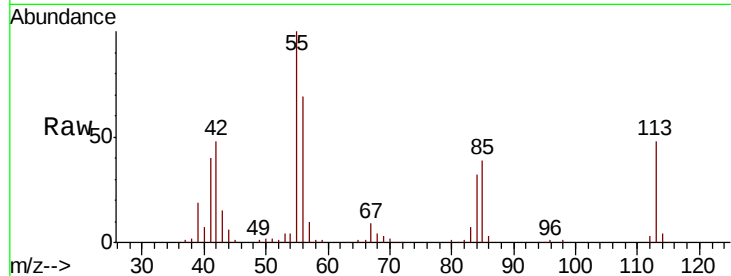




#35
 Caprolactam
 Concen: 39.677 ng
 RT: 11.88 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

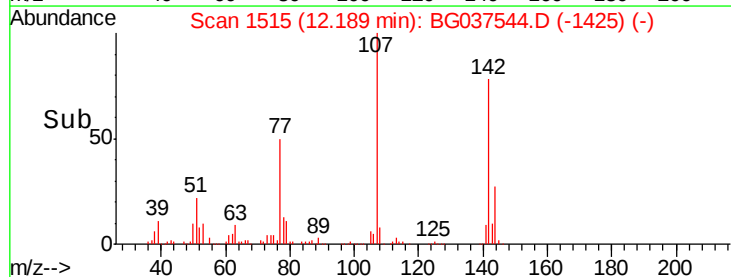
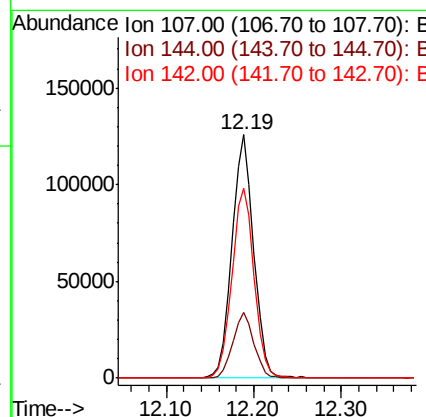
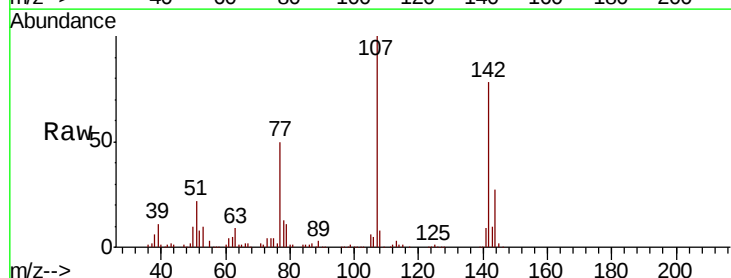
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 76951
 Ion Ratio Lower Upper
 113 100
 55 207.2 176.6 216.6
 56 142.0 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 39.042 ng
 RT: 12.19 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

Tgt Ion:107 Resp: 212919
 Ion Ratio Lower Upper
 107 100
 144 27.2 20.7 31.1
 142 77.9 64.4 96.6

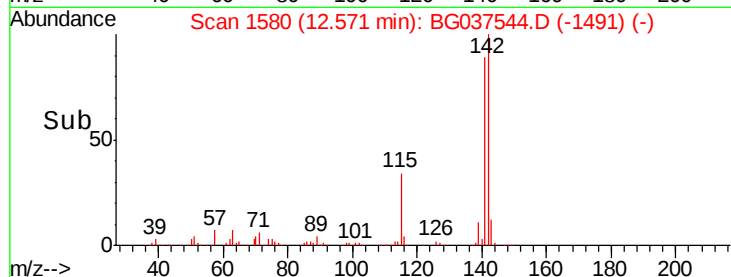
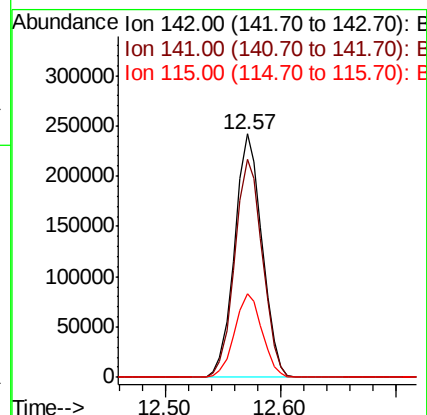
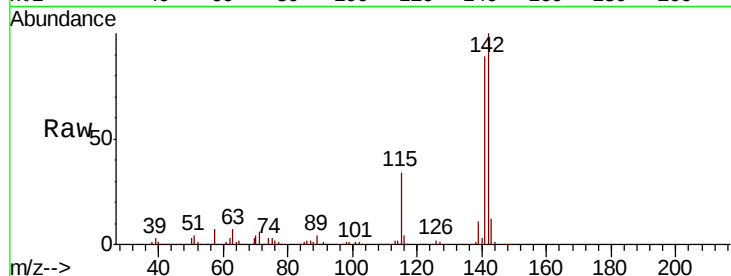




#37
 2-Methylnaphthalene
 Concen: 38.179 ng
 RT: 12.57 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

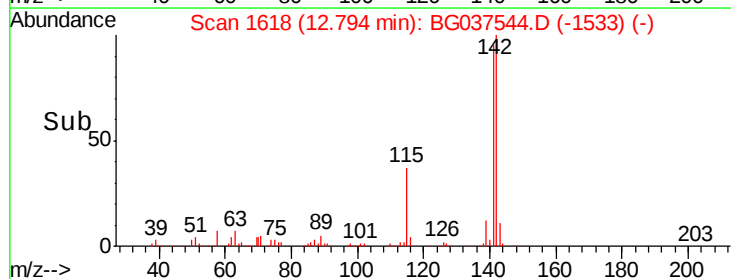
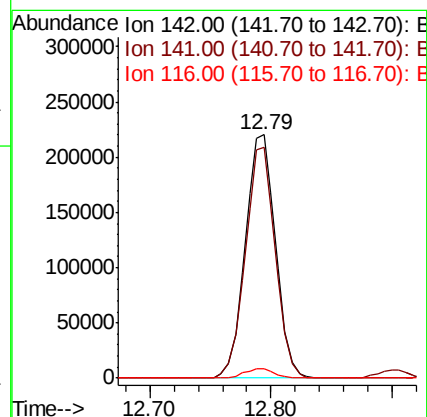
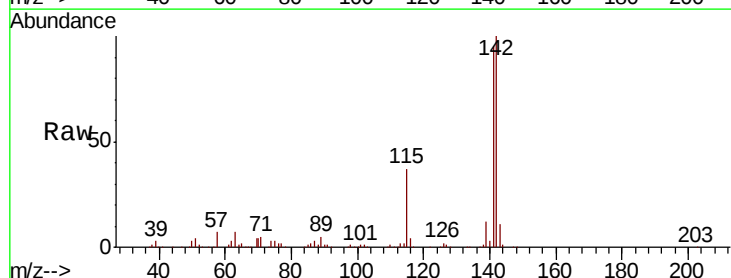
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.9	107.9
115	34.4	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 37.935 ng
 RT: 12.79 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	75.2	112.8
116	3.8	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: BG037544.D

Acq: 25 Oct 2018 14:23

Instrument :

BNA_F

ClientSampleId :

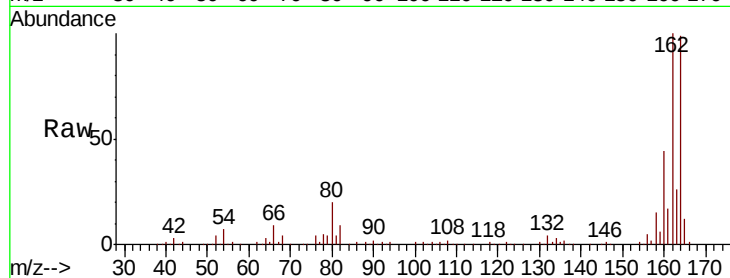
Tot Ion:164 Resp: 192287

Ion Ratio Lower Upper

164 100

162 100.7 81.3 121.9

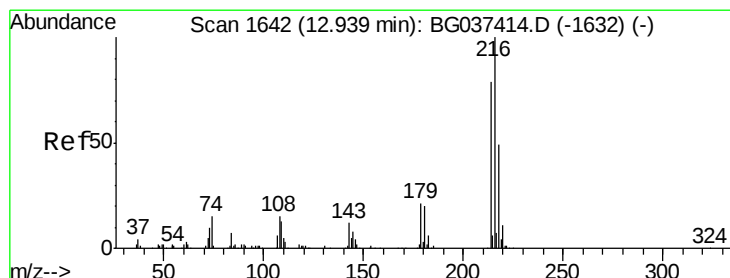
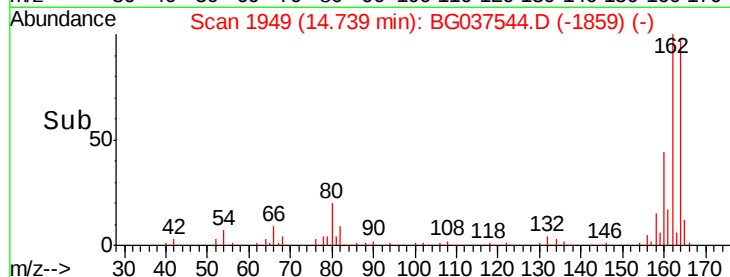
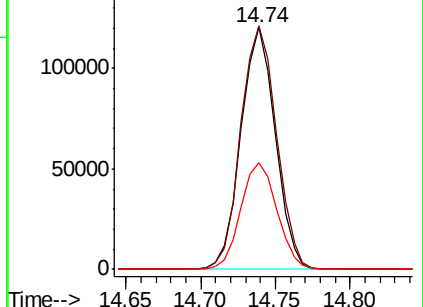
160 44.3 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.010 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

Tgt Ion:216 Resp: 235752

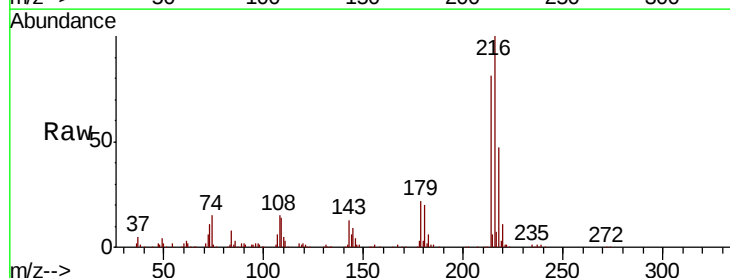
Ion Ratio Lower Upper

216 100

214 80.6 63.8 95.6

179 21.2 17.4 26.0

108 16.7 13.9 20.9

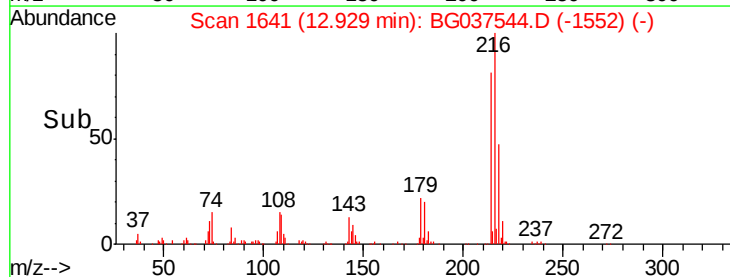
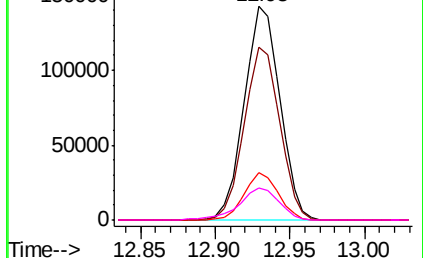


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.354 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037544.D

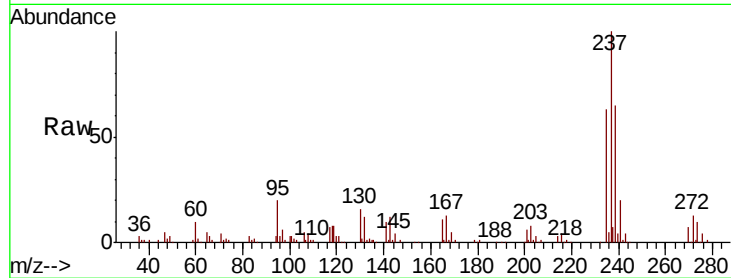
Acq: 25 Oct 2018 14:23

Instrument :

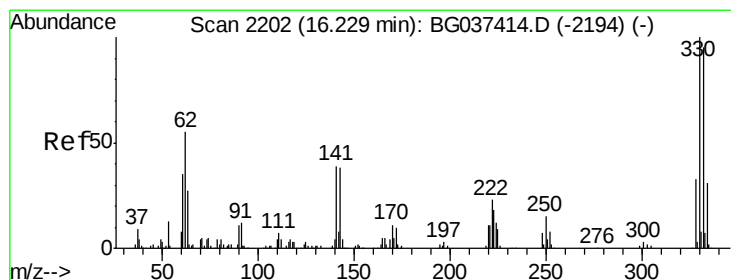
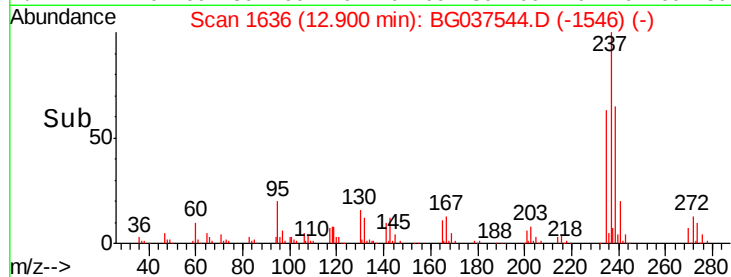
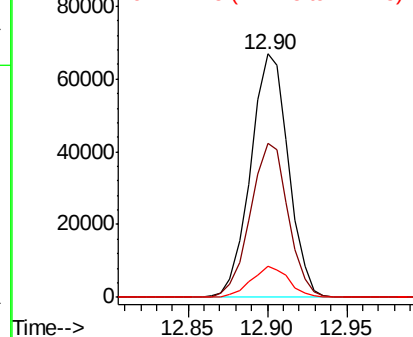
BNA_F

ClientSampleId :

Tot Ion:	237	Resp:	110667
Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.5	82.5
272	12.8	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: 79.334 ng

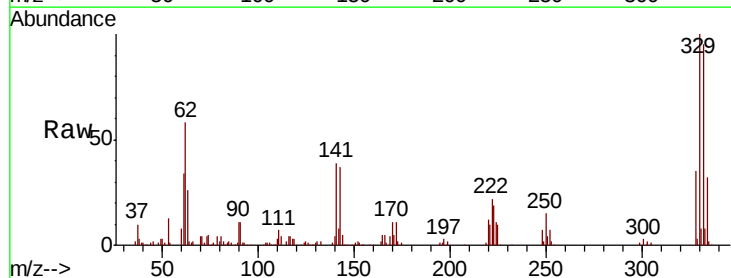
RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

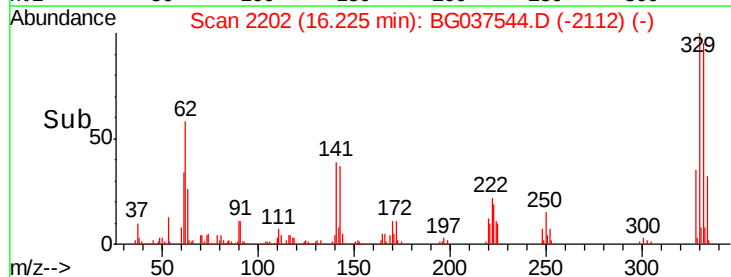
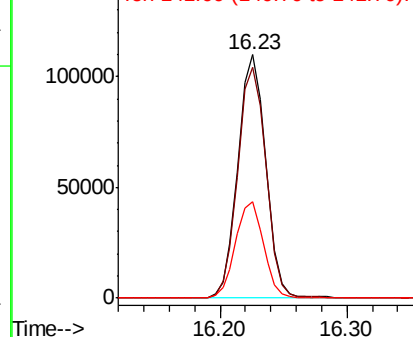
Lab File: BG037544.D

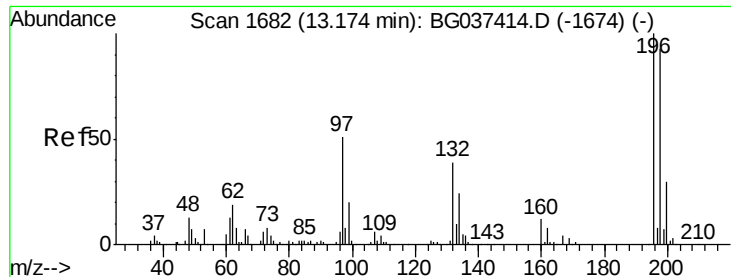
Acq: 25 Oct 2018 14:23

Tgt Ion:	330	Resp:	166383
Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.4	117.6
141	39.8	32.2	48.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

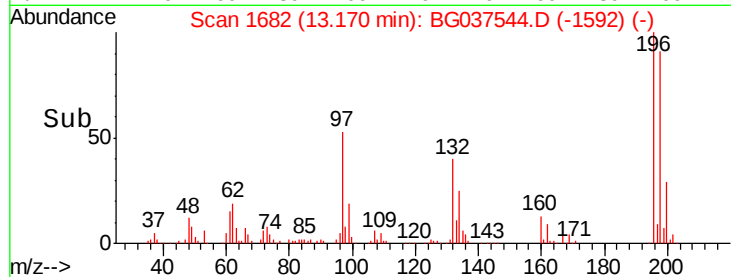
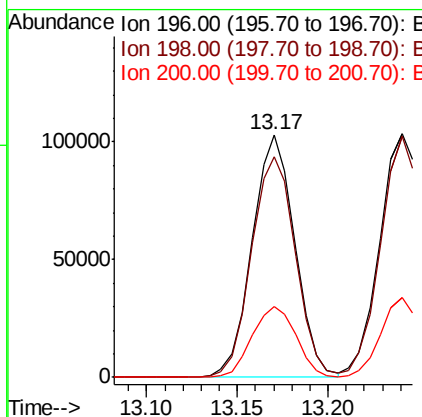
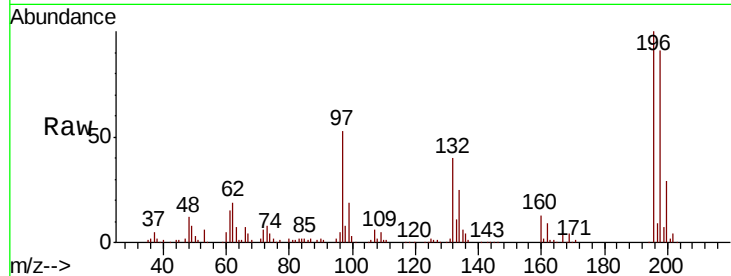




#43
 2,4,6-Trichlorophenol
 Concen: 40.474 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

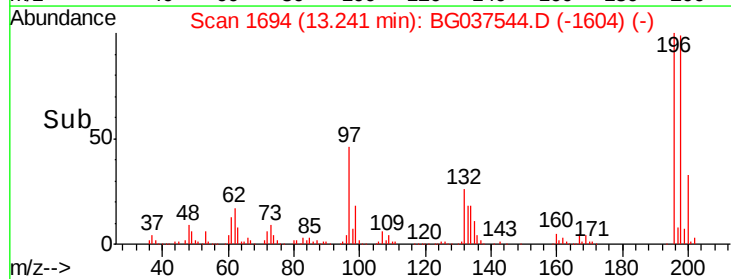
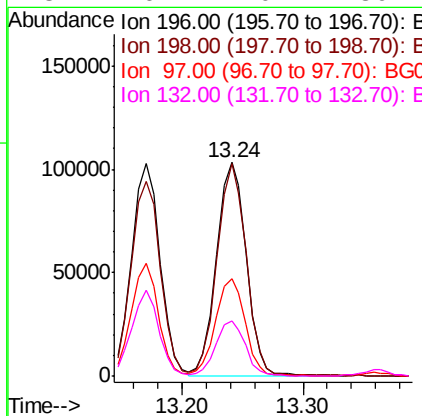
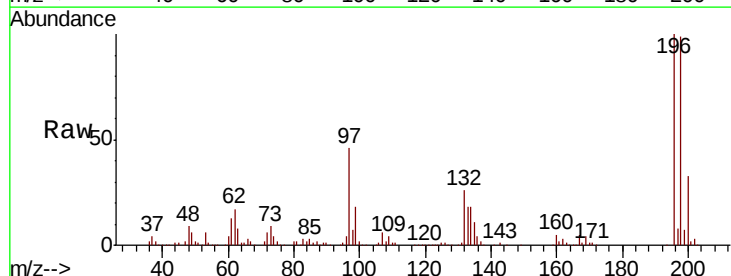
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 167710
 Ion Ratio Lower Upper
 196 100
 198 91.1 76.4 114.6
 200 29.2 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 38.853 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

Tgt Ion:196 Resp: 175284
 Ion Ratio Lower Upper
 196 100
 198 99.2 74.2 111.2
 97 45.5 34.1 51.1
 132 26.1 20.2 30.4

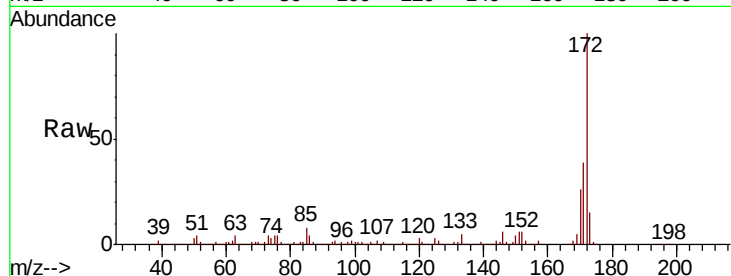




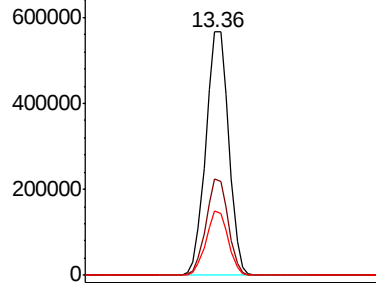
#45
 2-Fluorobiphenyl
 Concen: 75.017 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

Instrument :
 BNA_F
 ClientSampleId :

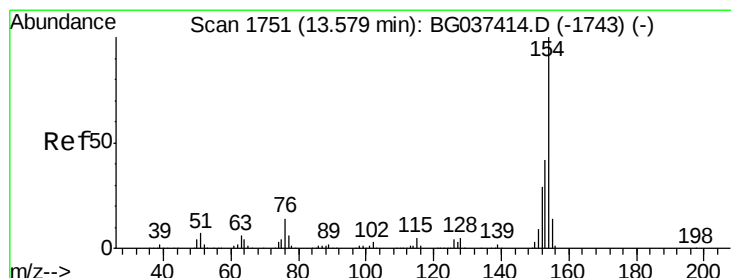
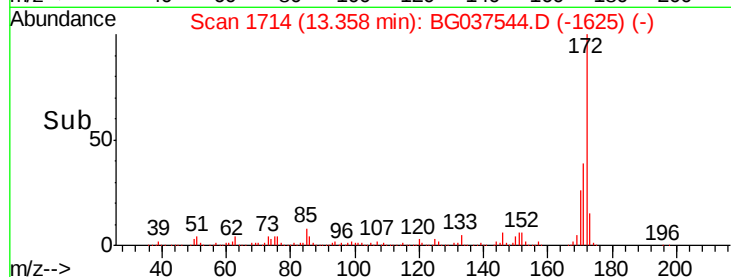
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.5	31.0	46.4
170	26.3	20.2	30.2



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

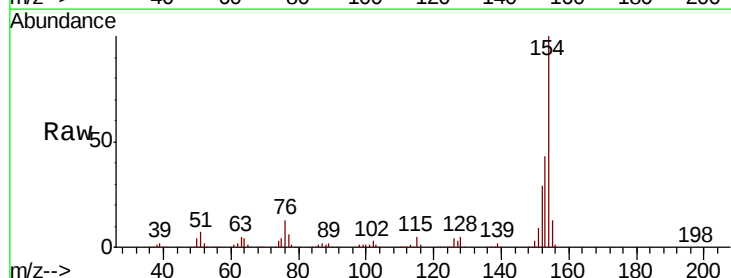


Time-->

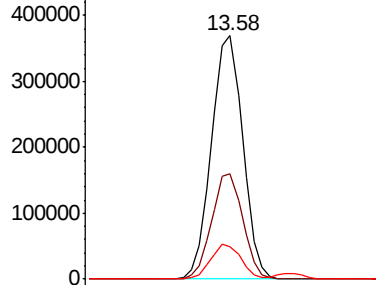


#46
 1,1'-Biphenyl
 Concen: 37.563 ng
 RT: 13.58 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

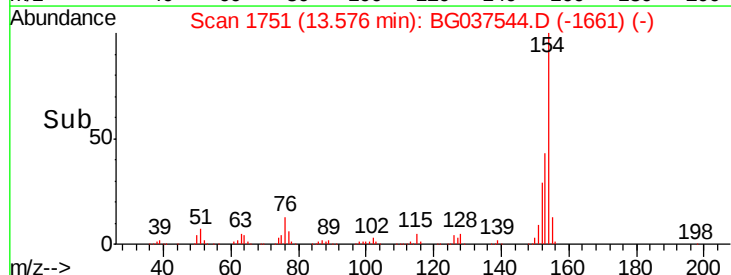
Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	22.1	62.1
76	13.4	0.0	33.2



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



Time-->

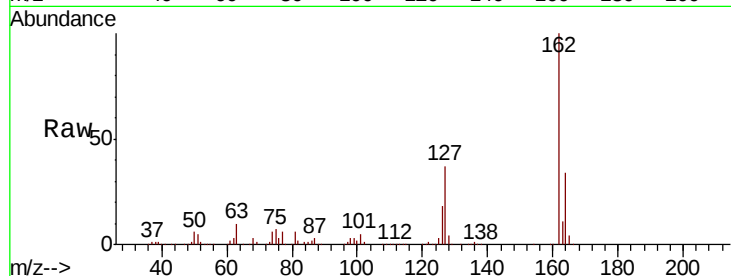




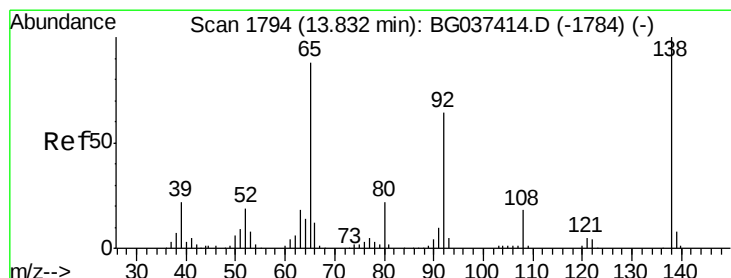
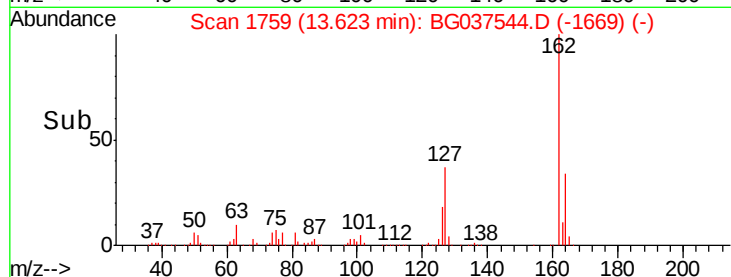
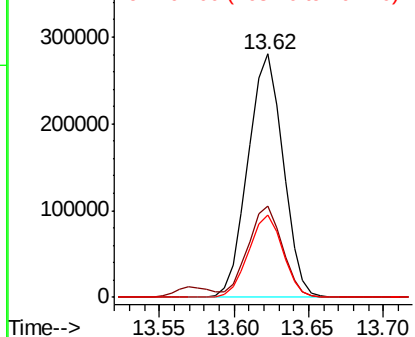
#47
 2-Chloronaphthalene
 Concen: 37.930 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.5	45.7
164	33.9	26.4	39.6

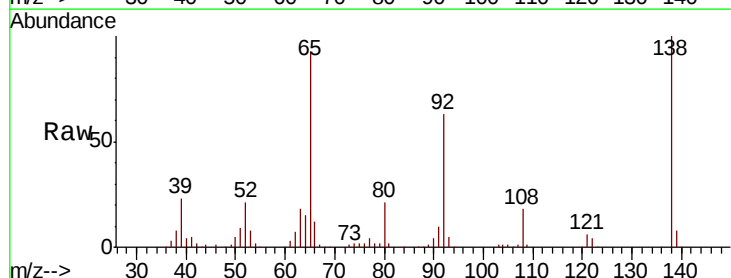


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

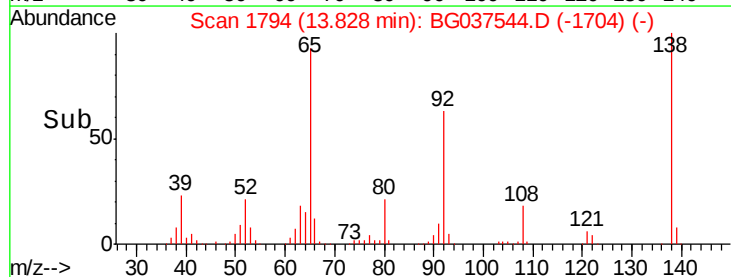
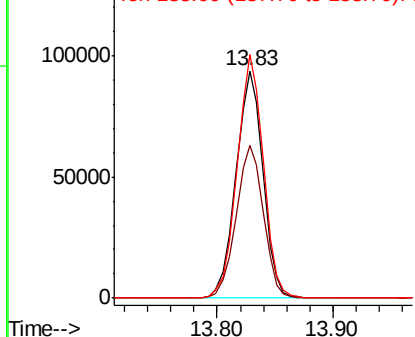


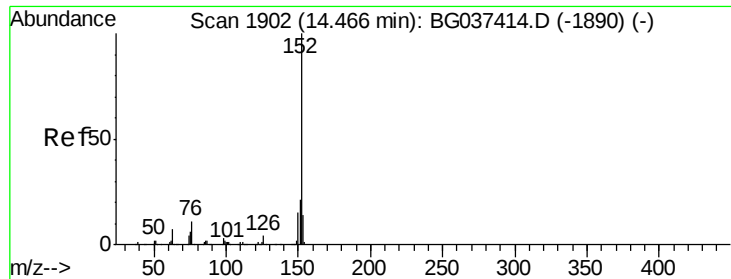
#48
 2-Nitroaniline
 Concen: 41.377 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	53.2	79.8
138	107.2	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: 38.187 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

Instrument :

BNA_F

ClientSampled :

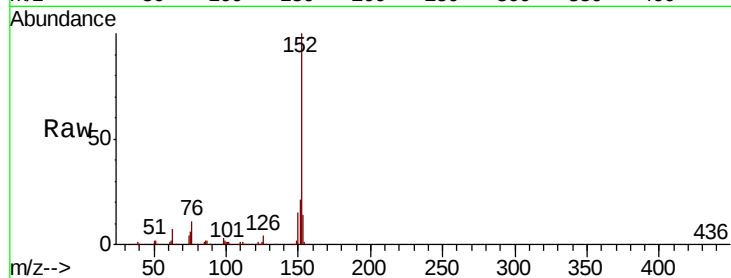
Tot Ion:152 Resp: 692064

Ion Ratio Lower Upper

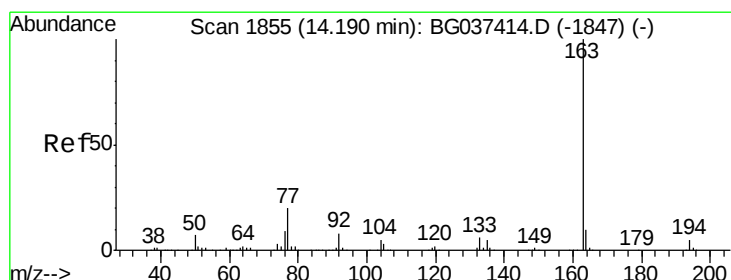
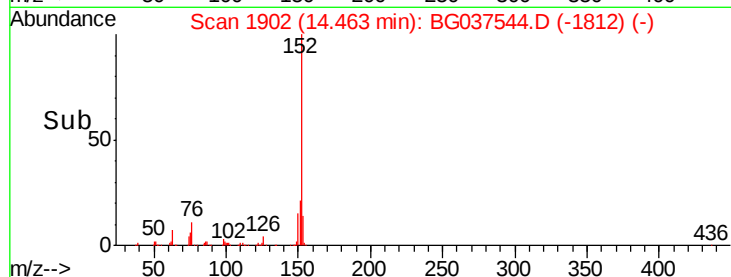
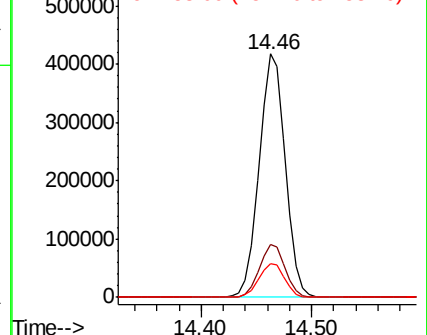
152 100

151 21.5 17.1 25.7

153 13.8 11.1 16.7



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



#50

Dimethylphthalate

Concen: 38.135 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

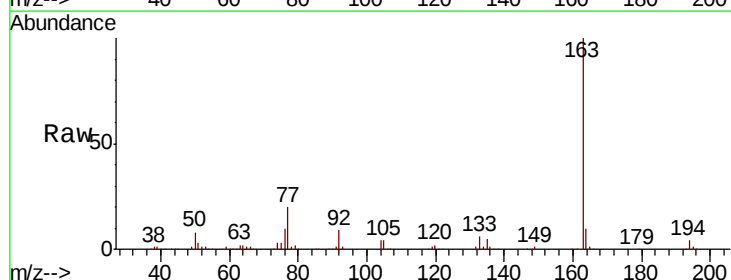
Tgt Ion:163 Resp: 567290

Ion Ratio Lower Upper

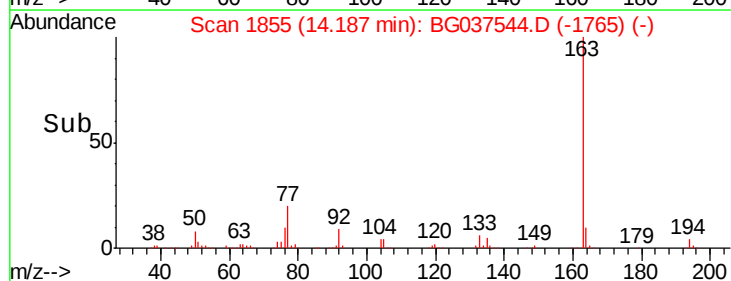
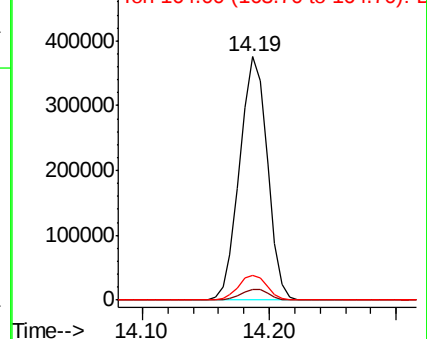
163 100

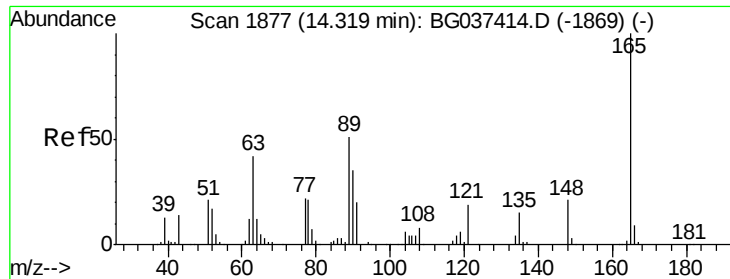
194 4.4 3.5 5.3

164 10.3 8.5 12.7



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

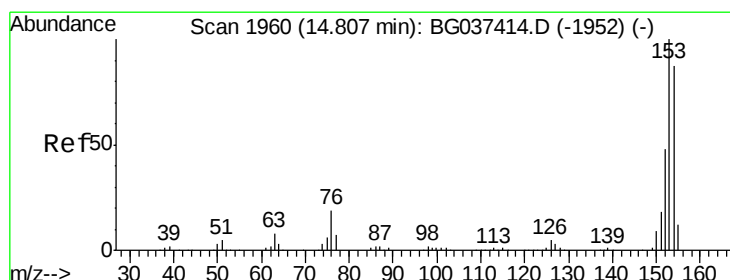
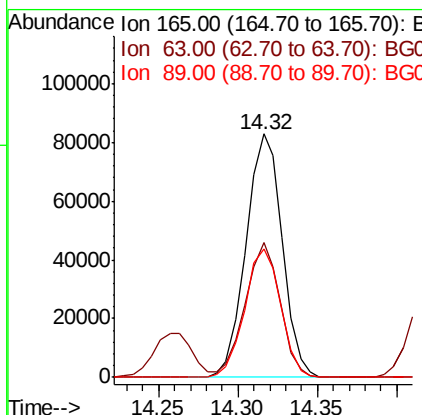
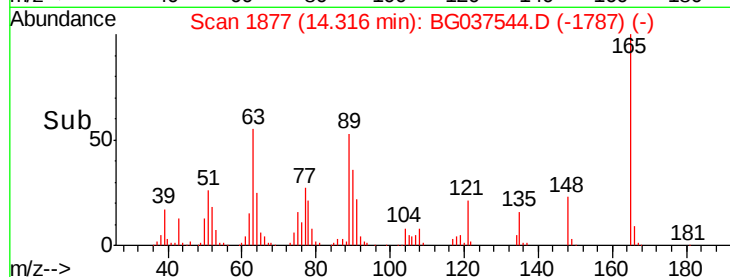
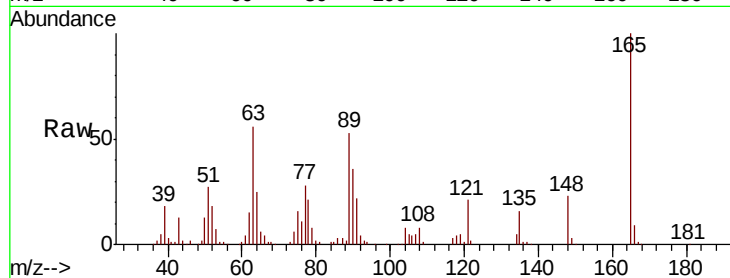




#51
 2,6-Dinitrotoluene
 Concen: 39.892 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

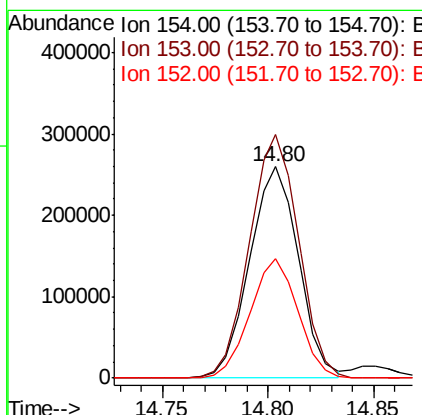
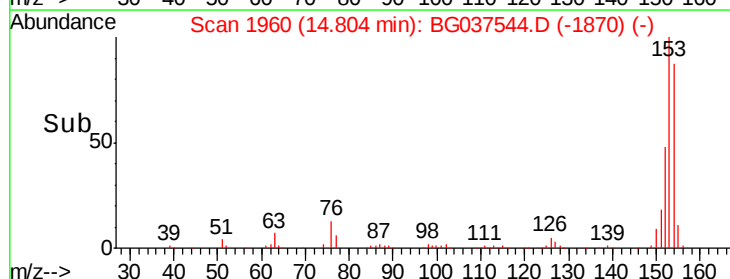
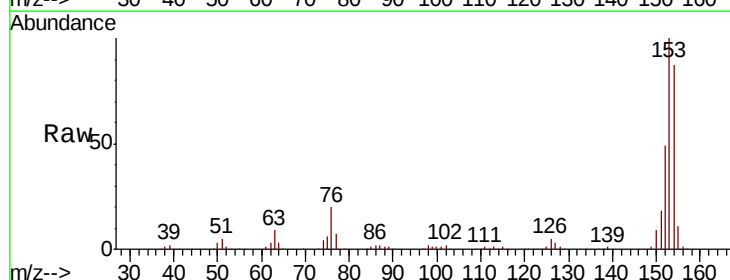
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.6	43.4	65.2
89	52.9	45.8	68.6



#52
 Acenaphthene
 Concen: 37.408 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.4	93.4	140.0
152	56.4	44.7	67.1

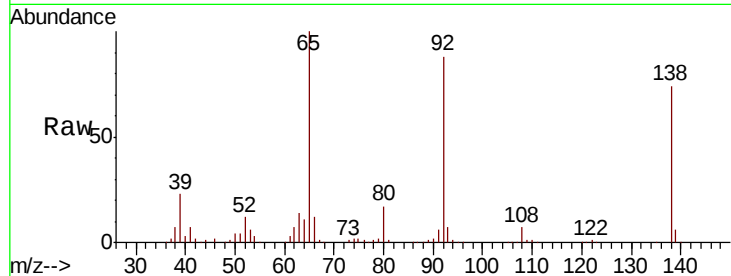




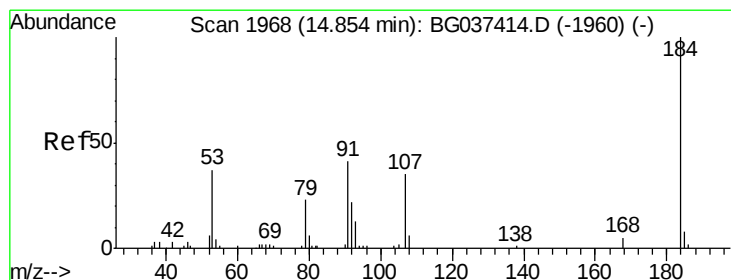
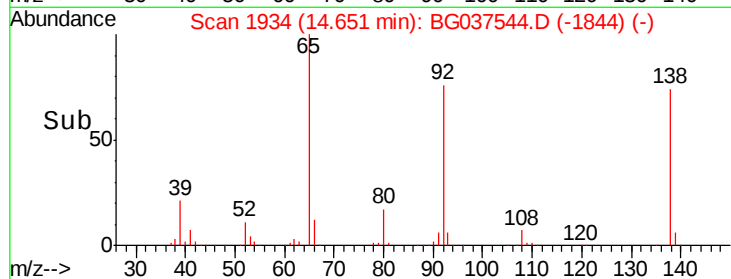
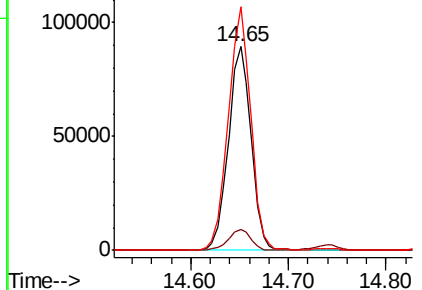
#53
 3-Nitroaniline
 Concen: 39.449 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 144118
 Ion Ratio Lower Upper
 138 100
 108 10.1 11.0 16.6#
 92 119.6 95.2 142.8

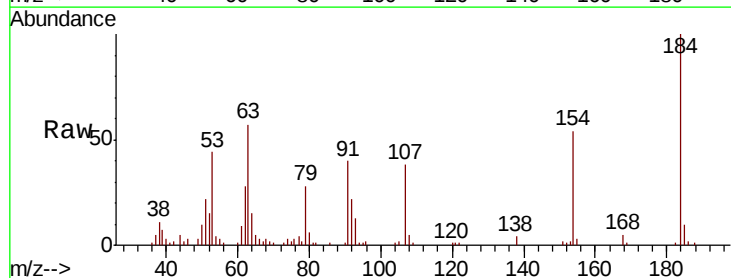


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

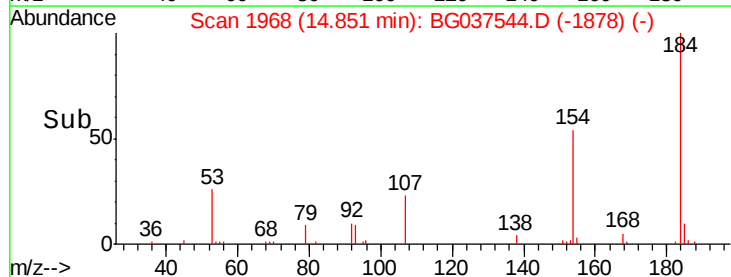
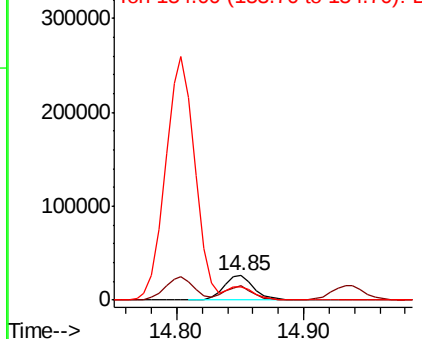


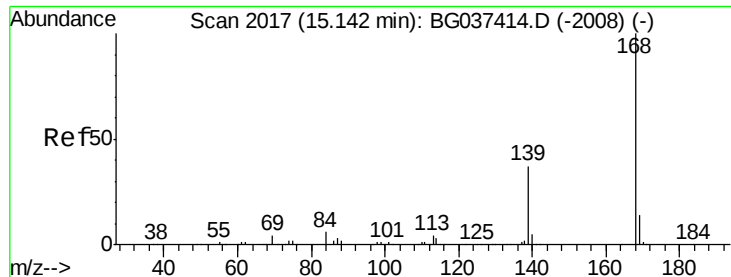
#54
 2,4-Dinitrophenol
 Concen: 43.870 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

Tgt Ion:184 Resp: 44133
 Ion Ratio Lower Upper
 184 100
 63 56.9 42.6 63.8
 154 53.6 41.8 62.6



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

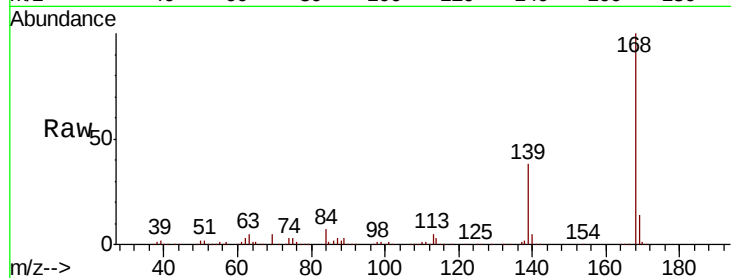




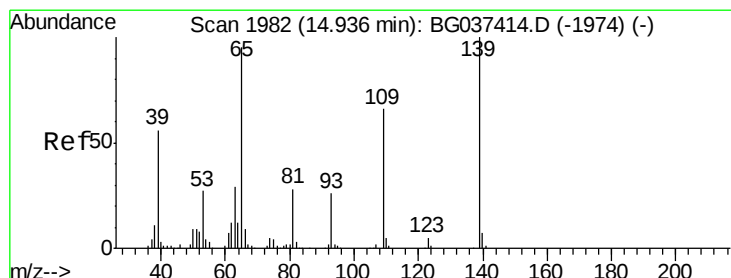
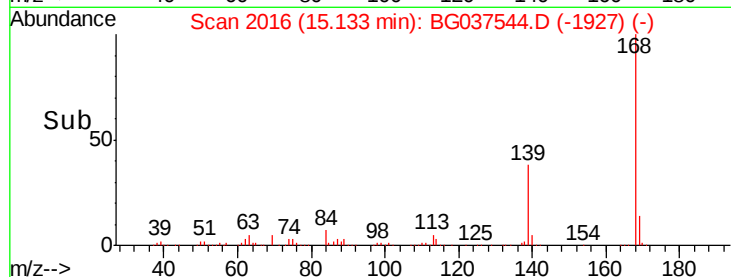
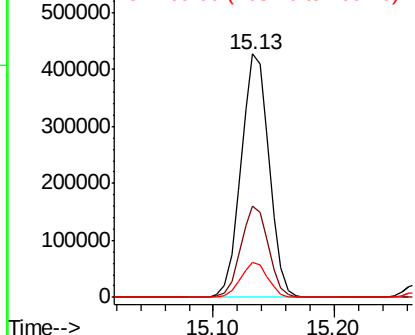
#55
Dibenzofuran
Concen: 37.350 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 690701
Ion Ratio Lower Upper
168 100
139 37.5 29.4 44.0
169 14.4 11.0 16.6

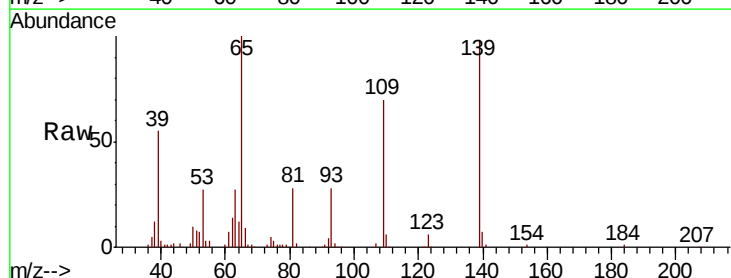


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

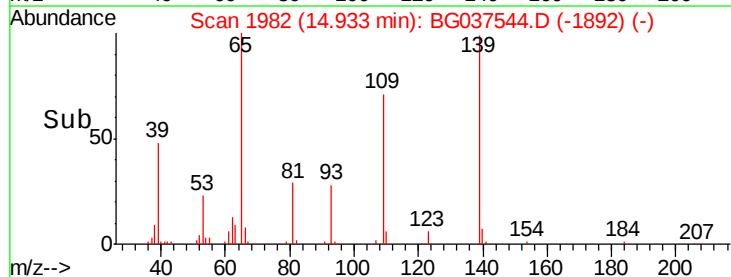
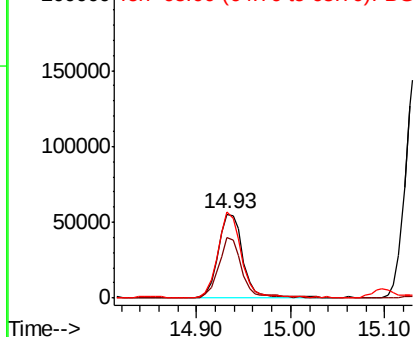


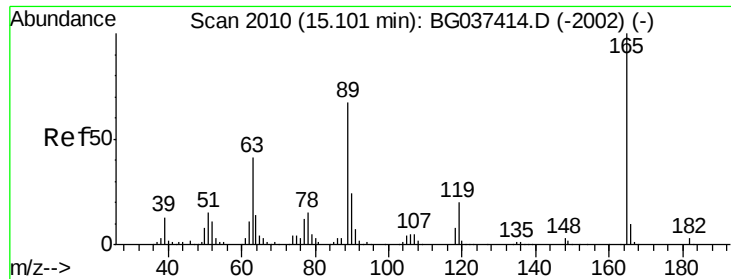
#56
4-Nitrophenol
Concen: 38.283 ng
RT: 14.93 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

Tgt Ion:139 Resp: 103522
Ion Ratio Lower Upper
139 100
109 71.6 49.5 89.5
65 102.4 76.8 116.8



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

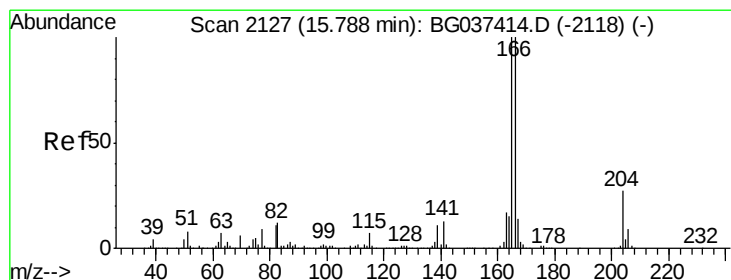
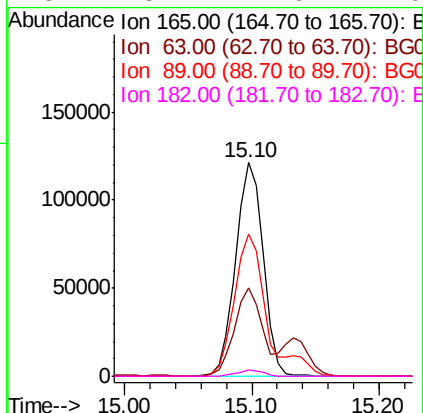
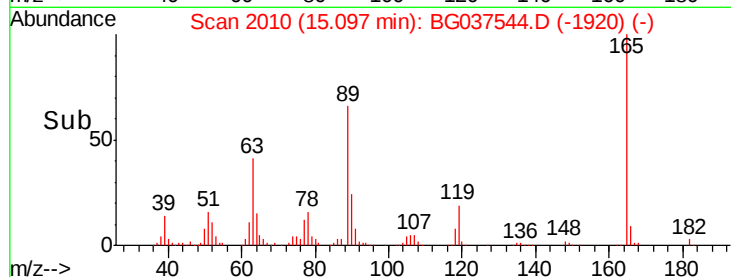
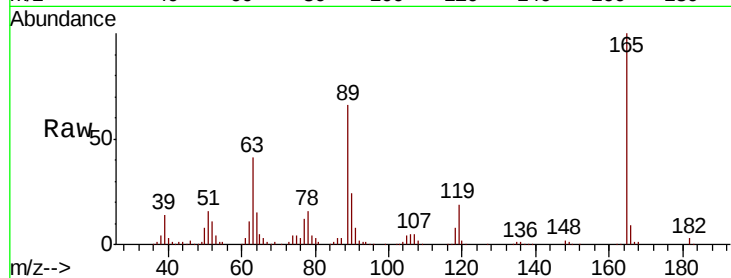




#57
2,4-Dinitrotoluene
Concen: 42.164 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

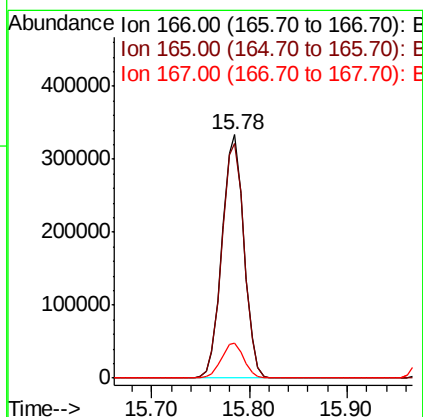
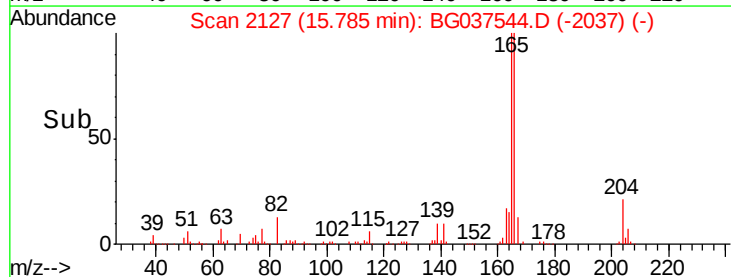
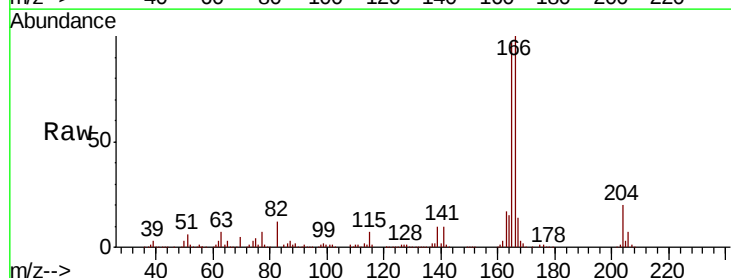
Instrument :
BNA_F
ClientSampled :

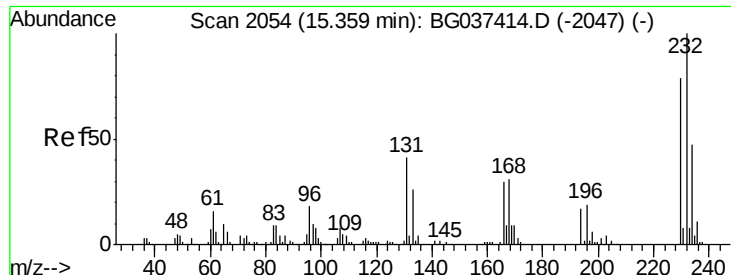
Tot Ion:165	Resp:	182136
Ion	Ratio	Lower Upper
165	100	
63	41.1	33.4 50.0
89	66.4	57.2 85.8
182	3.2	2.6 4.0



#58
Fluorene
Concen: 37.400 ng
RT: 15.78 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

Tgt Ion:166	Resp:	517926
Ion	Ratio	Lower Upper
166	100	
165	96.5	79.0 118.6
167	14.1	11.3 16.9

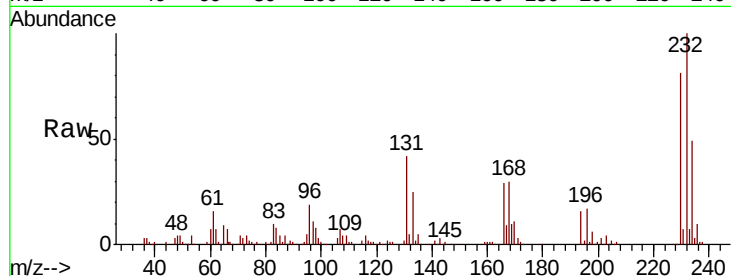




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.338 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.9	33.7	50.5
130	2.5	2.1	3.1
166	31.2	24.6	36.8



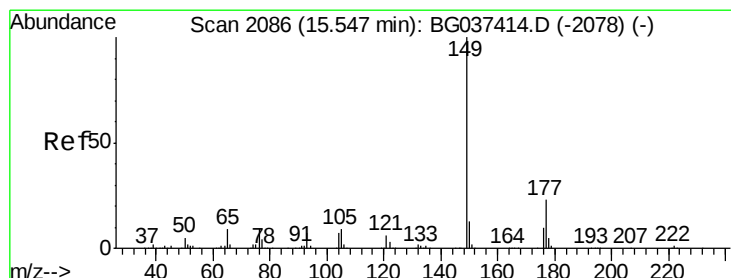
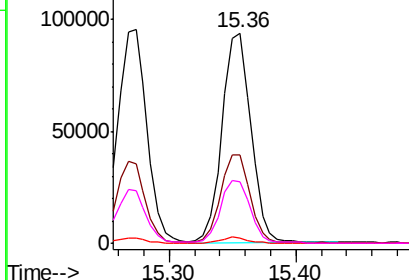
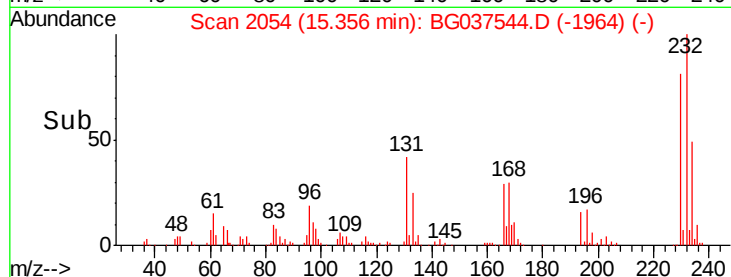
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

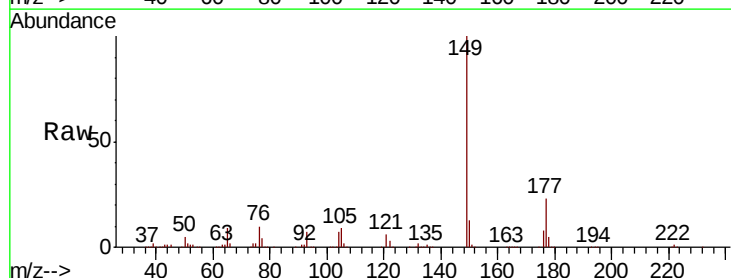
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.503 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	12.7	10.0	15.0

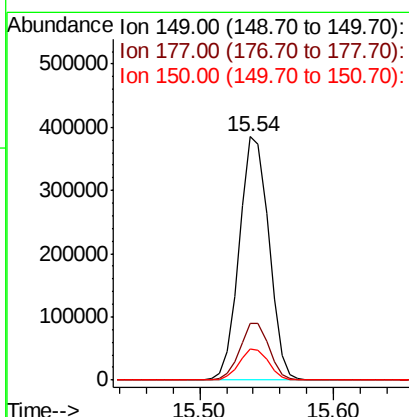
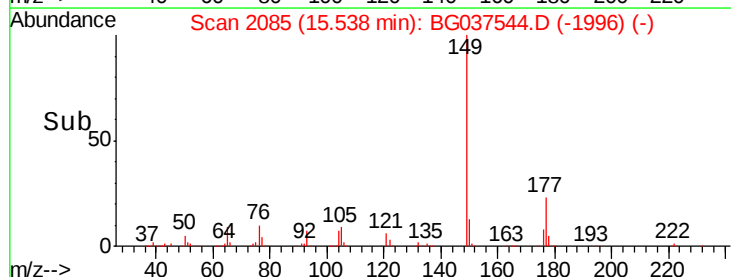


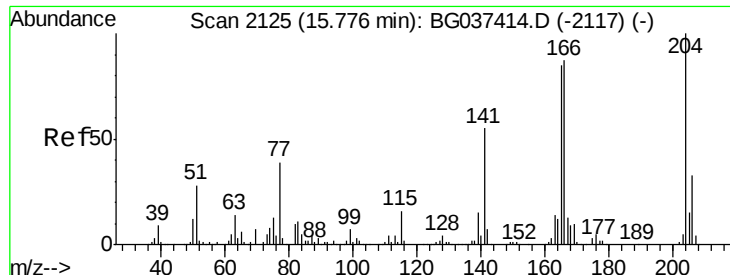
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

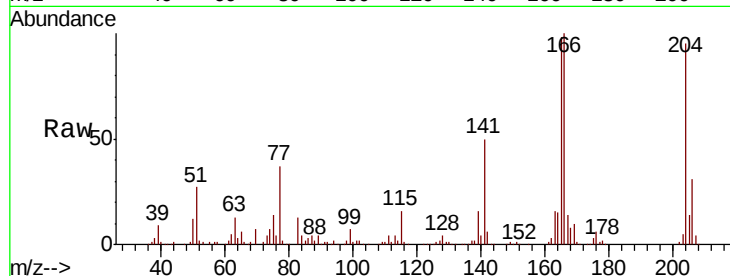




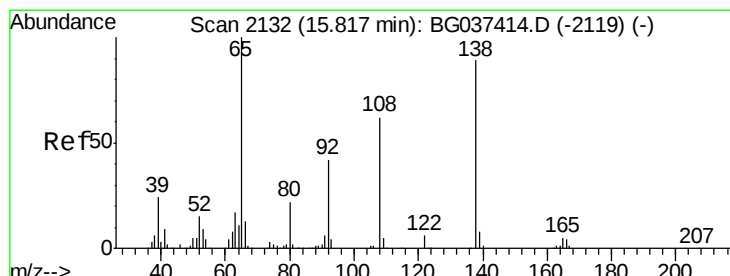
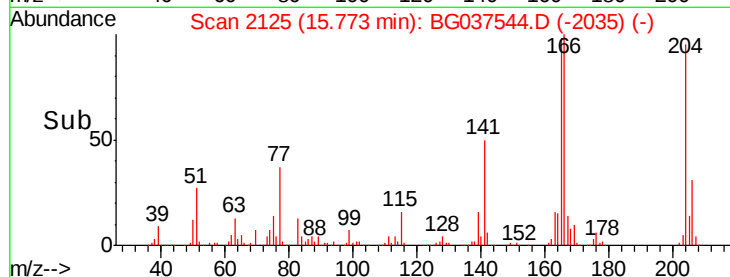
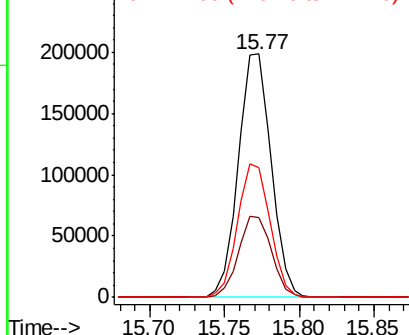
#61
 4-Chlorophenyl-phenylether
 Concen: 37.602 ng
 RT: 15.77 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 303508
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.6 39.8
 141 53.2 45.4 68.2

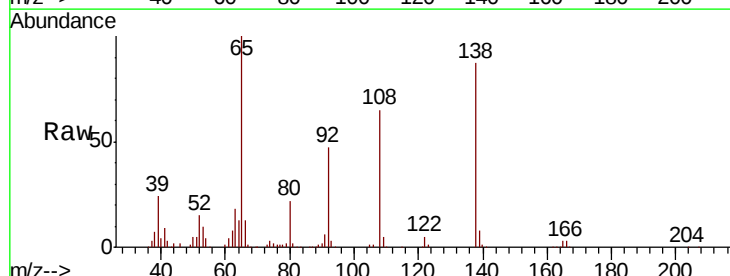


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

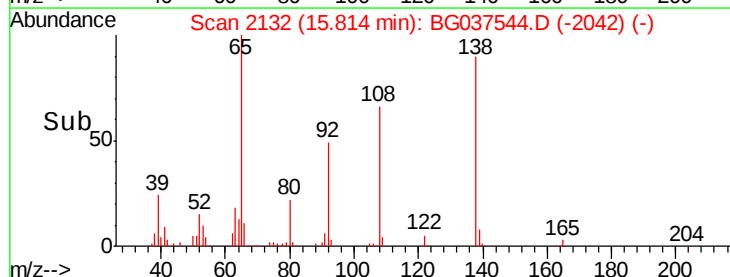
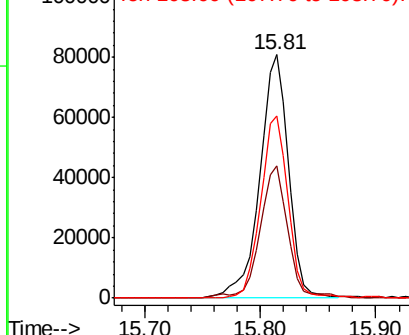


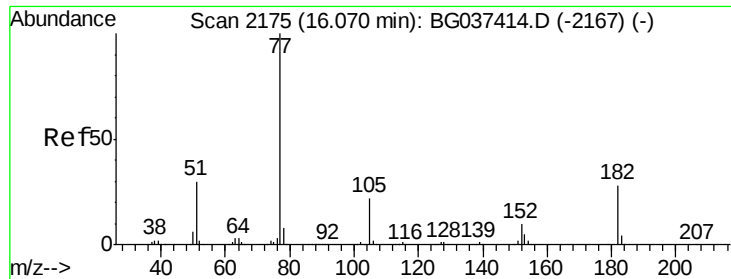
#62
 4-Nitroaniline
 Concen: 38.650 ng
 RT: 15.81 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

Tgt Ion:138 Resp: 140303
 Ion Ratio Lower Upper
 138 100
 92 54.1 36.4 76.4
 108 75.0 60.1 100.1



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

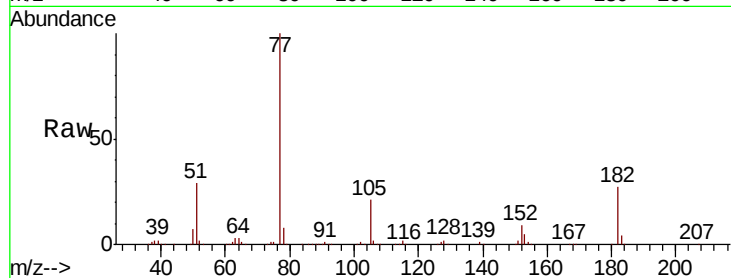




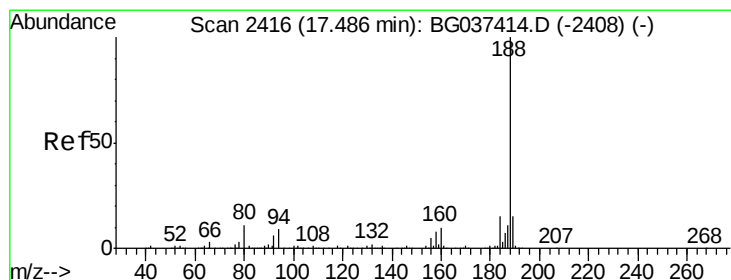
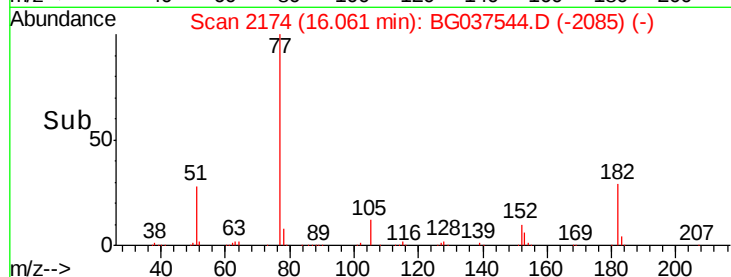
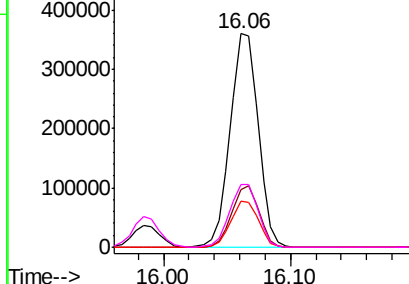
#63
Azobenzene
Concen: 37.619 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	548157
Ion	Ratio	Lower	Upper
77	100		
182	27.3	8.0	48.0
105	21.4	1.3	41.3
51	29.4	10.7	50.7

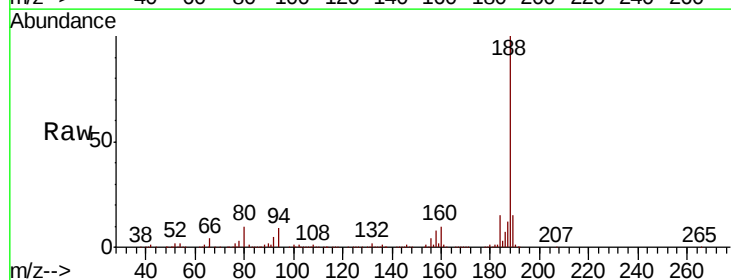


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

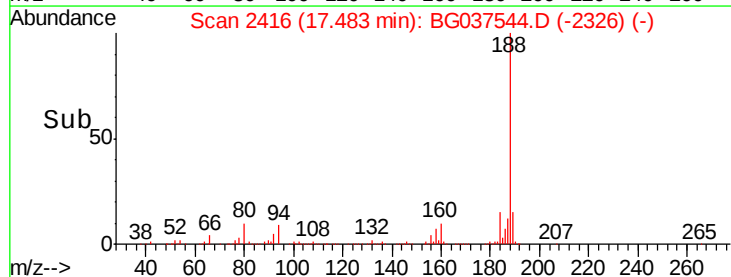
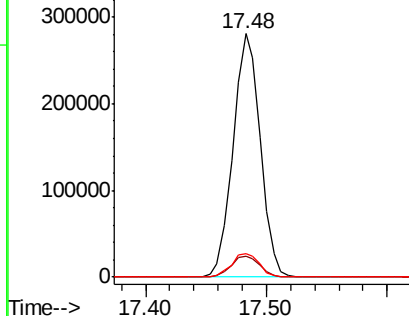


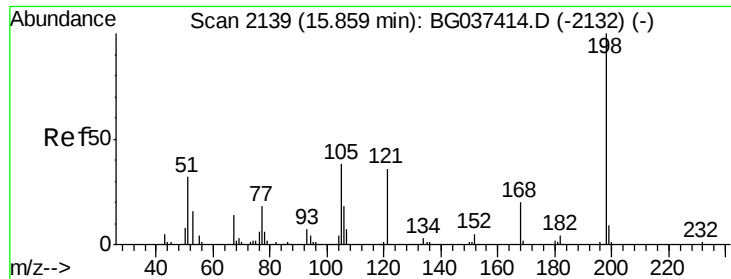
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

Tgt Ion:	188	Resp:	439518
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	9.9	7.7	11.5



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

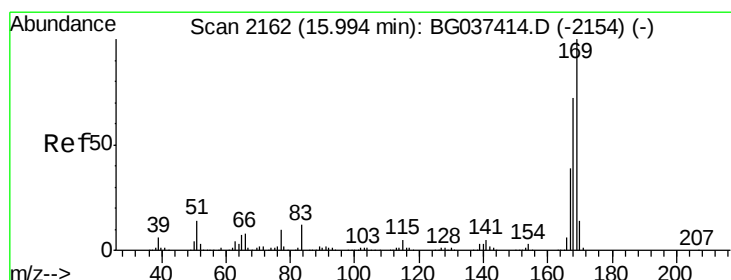
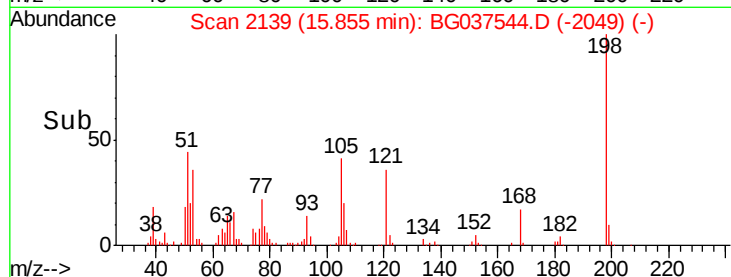
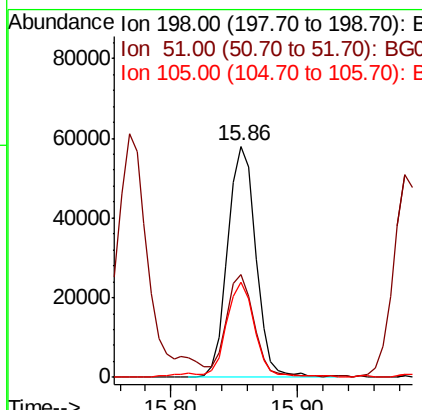
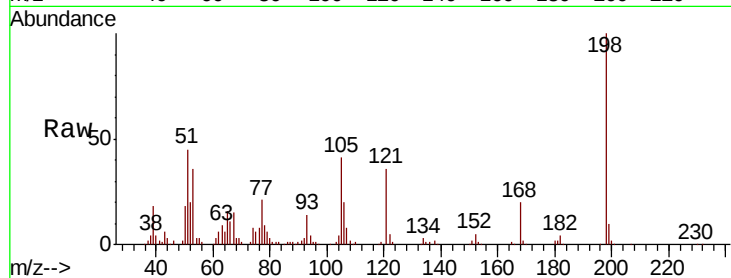




#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.429 ng
 RT: 15.86 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

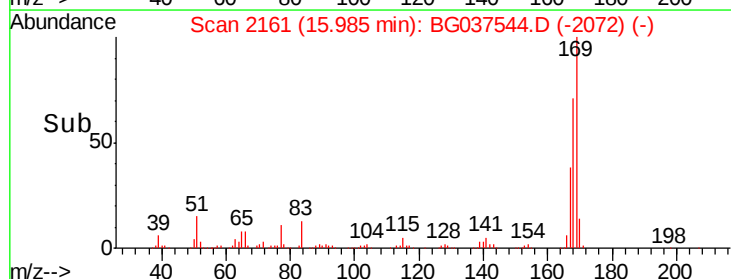
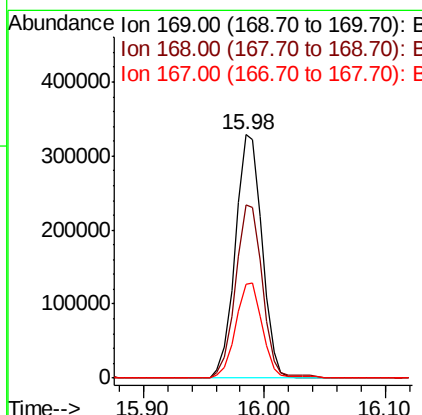
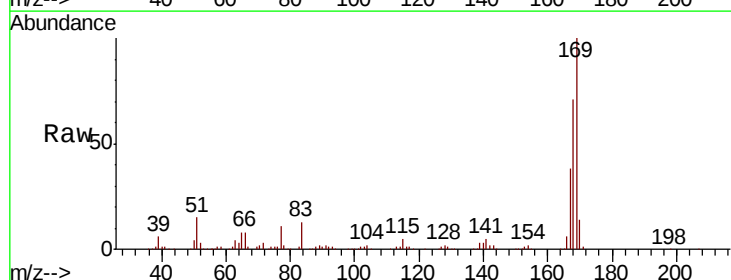
Instrument :
 BNA_F
 ClientSampleId :

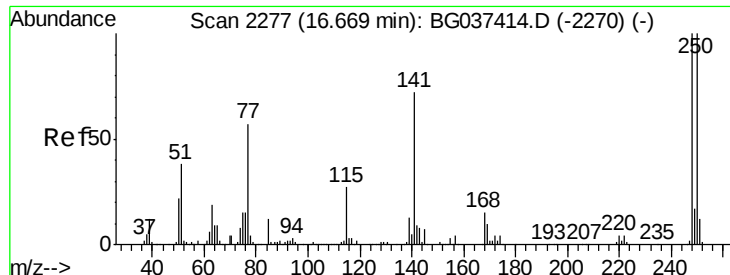
Tot Ion:198 Resp: 89485
 Ion Ratio Lower Upper
 198 100
 51 44.5 22.7 62.7
 105 41.1 19.7 59.7



#66
 n-Nitrosodiphenylamine
 Concen: 38.474 ng
 RT: 15.98 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

Tgt Ion:169 Resp: 508656
 Ion Ratio Lower Upper
 169 100
 168 71.0 55.7 83.5
 167 38.4 31.3 46.9

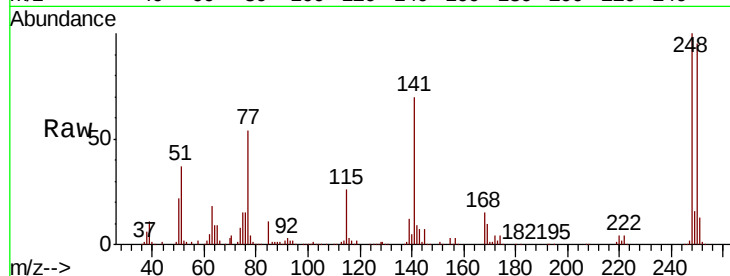




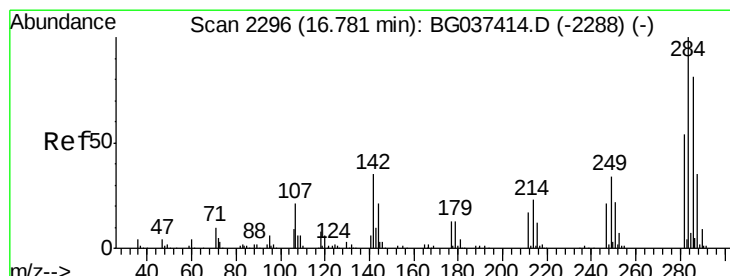
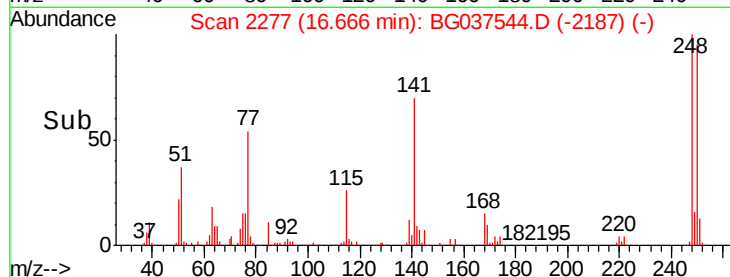
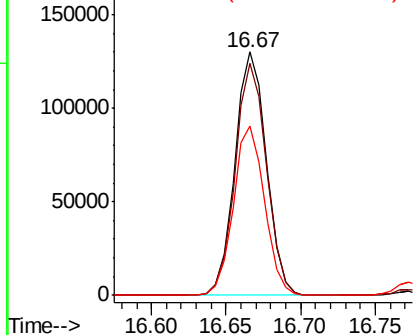
#67
 4-Bromophenyl-phenylether
 Concen: 39.321 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	77.0	115.6
141	69.6	55.5	83.3

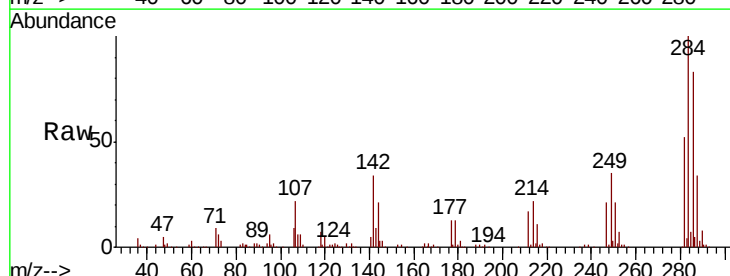


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

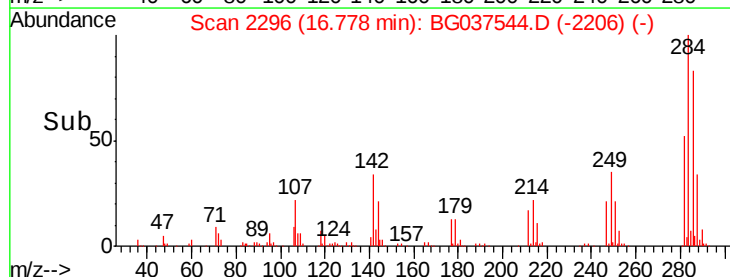
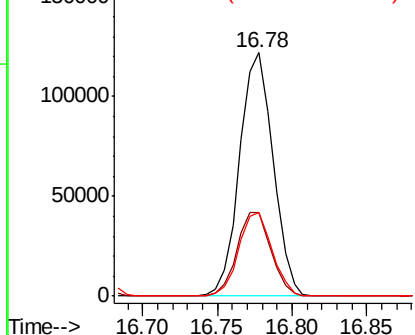


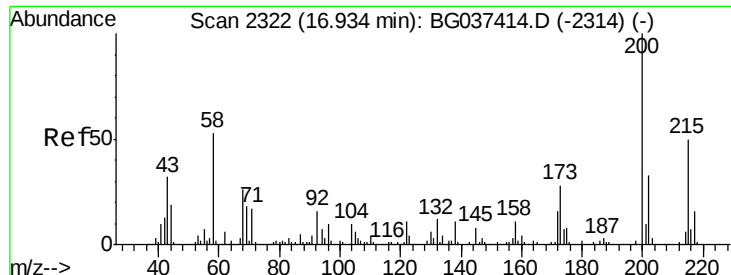
#68
 Hexachlorobenzene
 Concen: 38.037 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	28.1	42.1
249	37.2	29.8	44.8



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

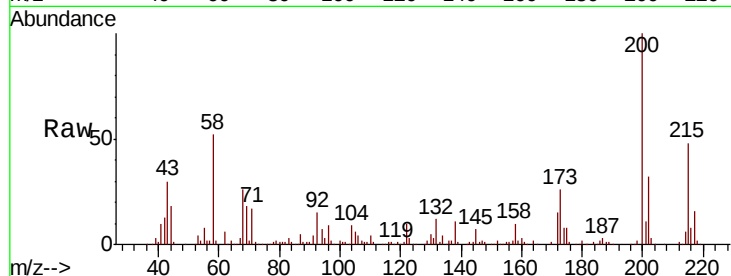




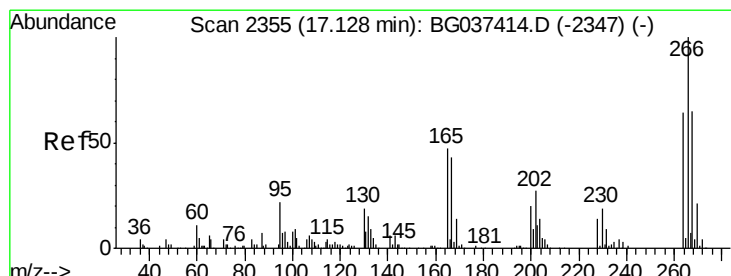
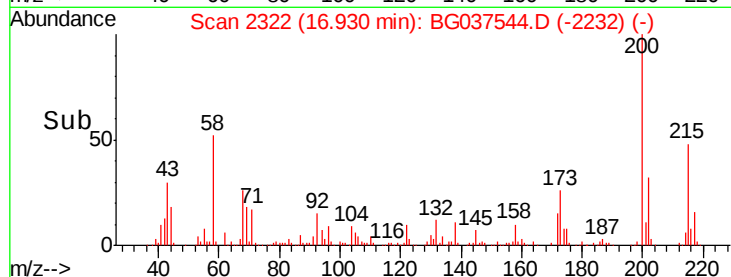
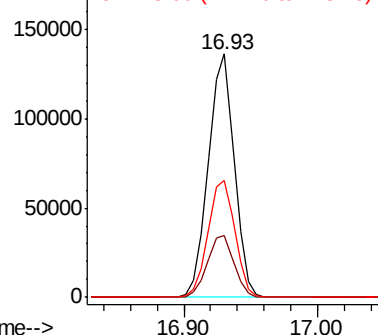
#69
 Atrazine
 Concen: 38.748 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	6.1	46.1
215	48.2	30.8	70.8

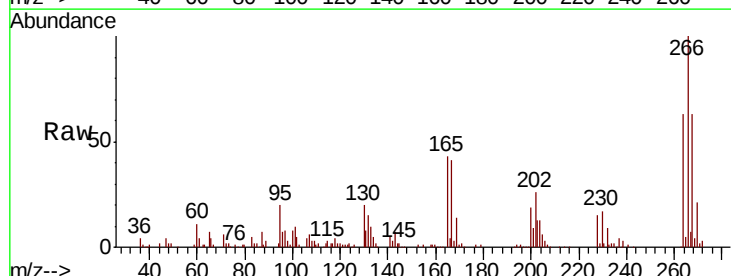


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

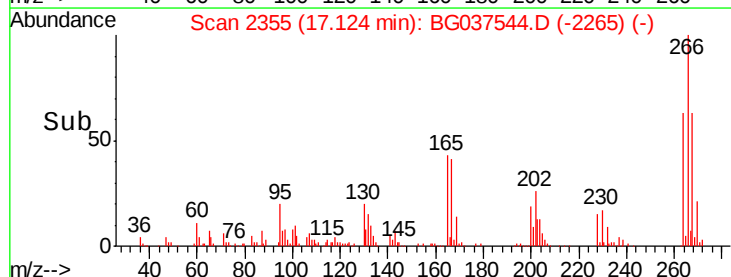
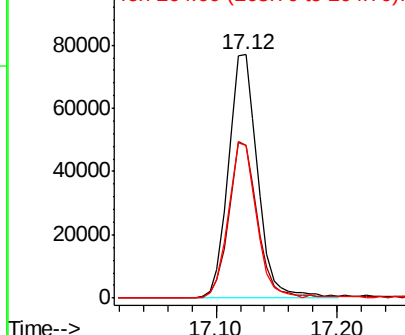


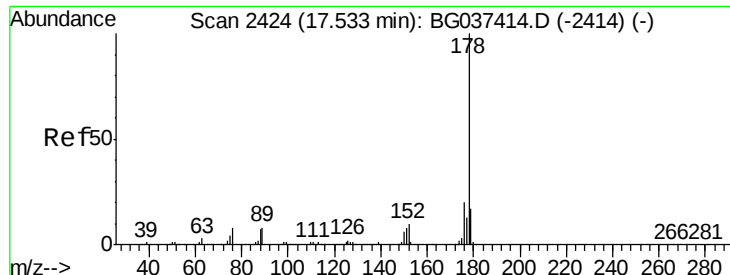
#70
 Pentachlorophenol
 Concen: 38.926 ng
 RT: 17.12 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037544.D
 Acq: 25 Oct 2018 14:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.1	55.0	82.6
264	67.8	58.9	88.3



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

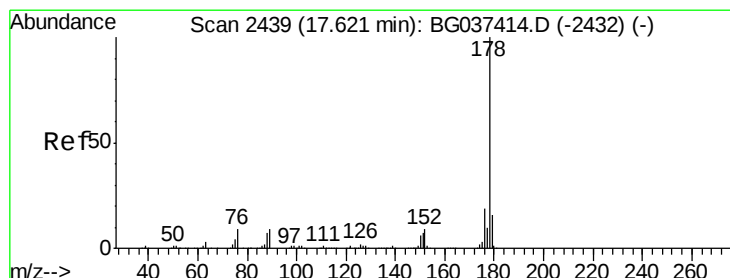
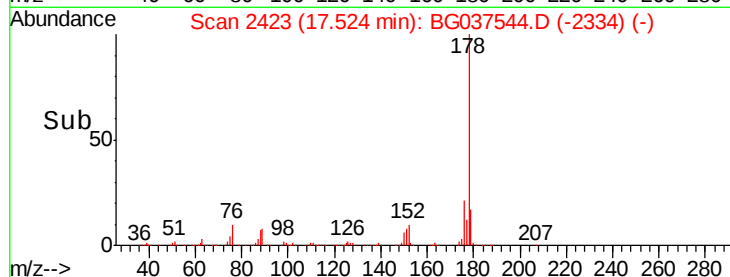
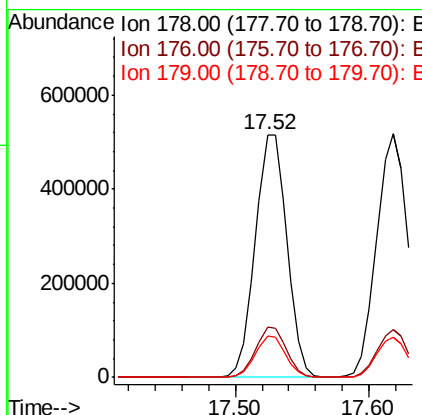
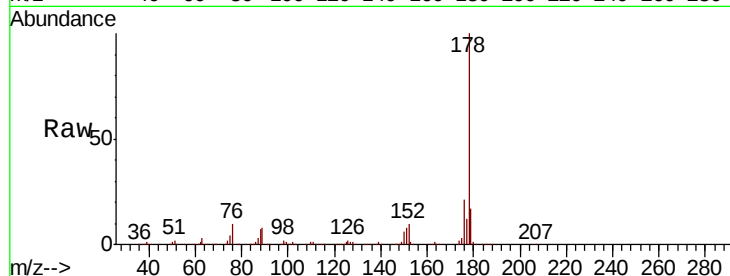




#71
Phenanthrene
Concen: 37.788 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

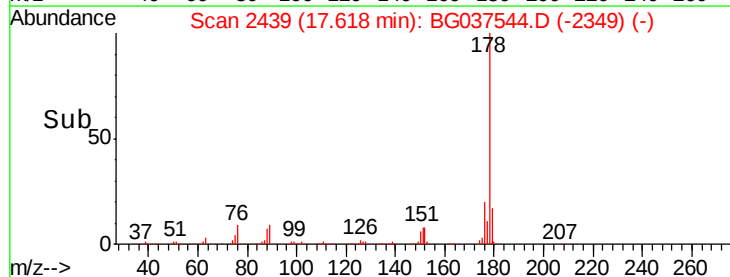
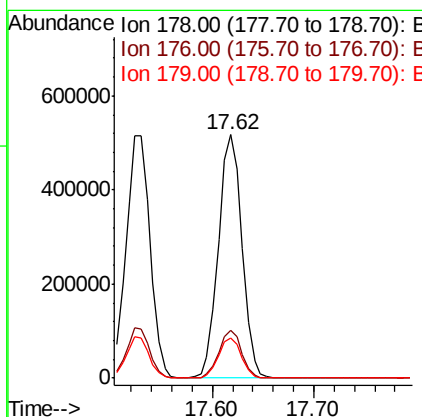
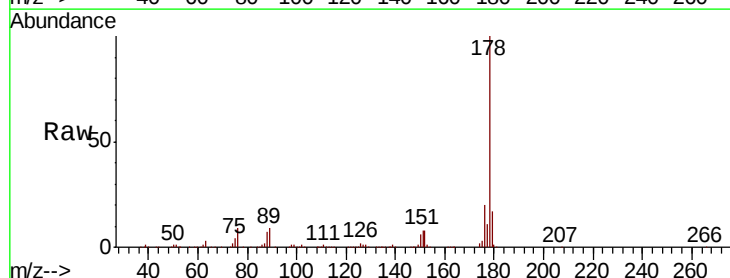
Instrument :
BNA_F
ClientSampleId :

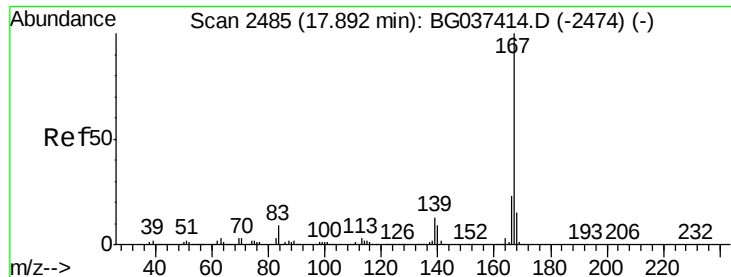
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.1	24.1
179	16.9	13.0	19.4



#72
Anthracene
Concen: 38.193 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

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





#73

Carbazole

Concen: 38.611 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

Instrument :

BNA_F

ClientSampleId :

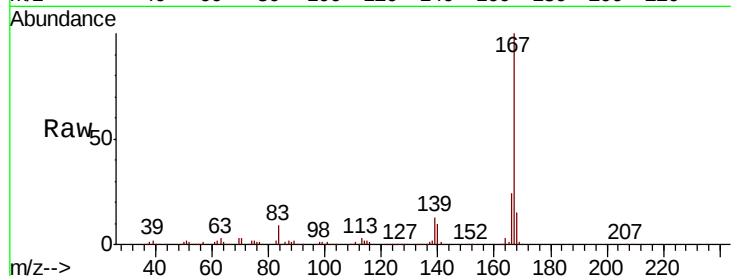
Tot Ion:167 Resp: 846654

Ion Ratio Lower Upper

167 100

166 23.6 18.3 27.5

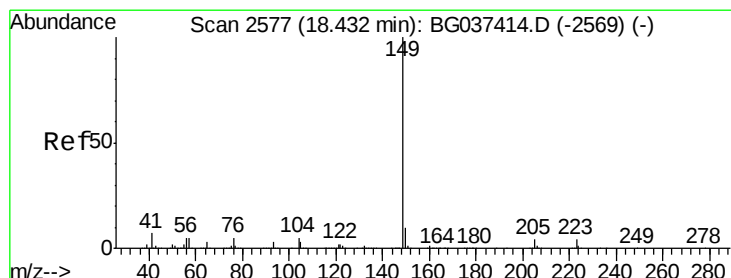
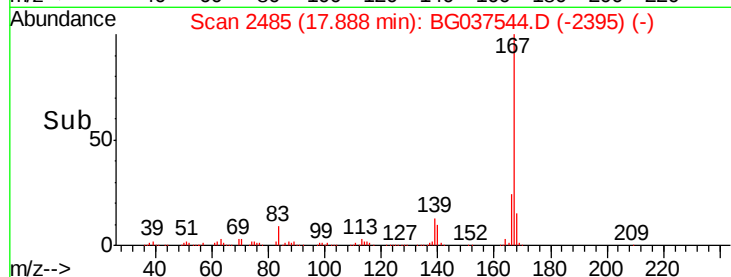
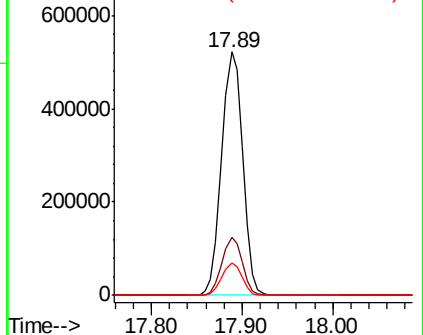
139 13.2 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.332 ng

RT: 18.42 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

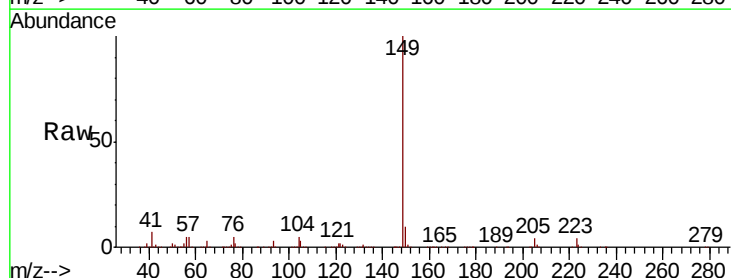
Tgt Ion:149 Resp: 959418

Ion Ratio Lower Upper

149 100

150 10.0 8.2 12.2

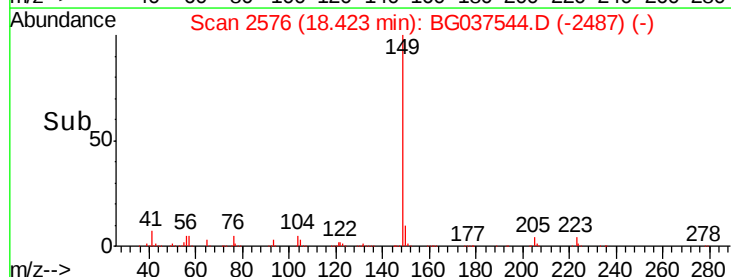
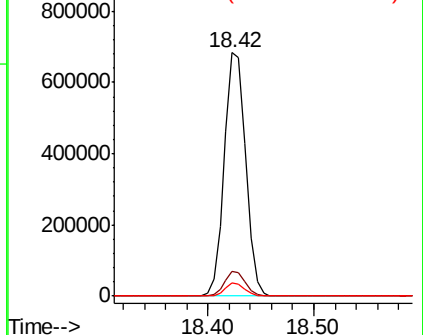
104 5.2 4.0 6.0

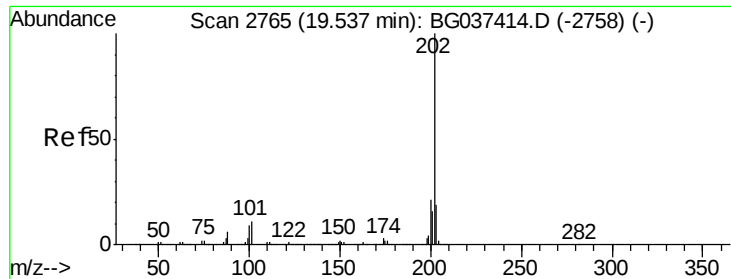


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.768 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037544.D

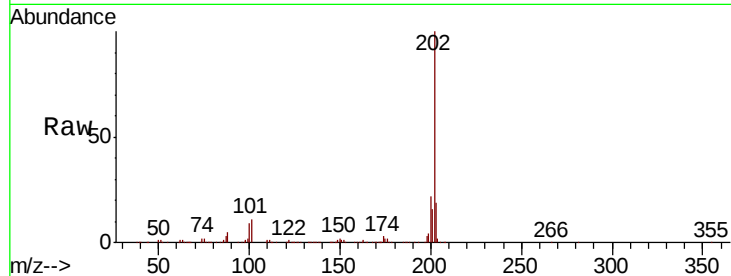
Acq: 25 Oct 2018 14:23

Instrument :

BNA_F

ClientSampled :

Tot Ion:	202	Resp:	956869
Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.7
203	18.6	0.0	38.5

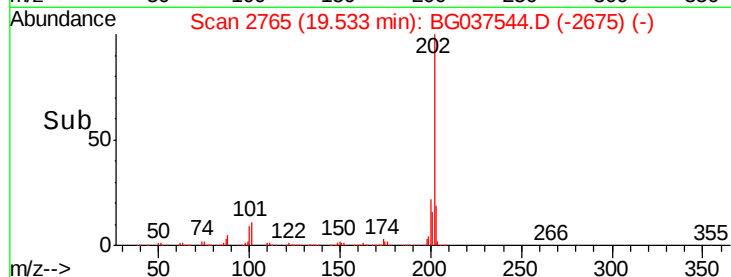


Abundance Ion 202.00 (201.70 to 202.70): E

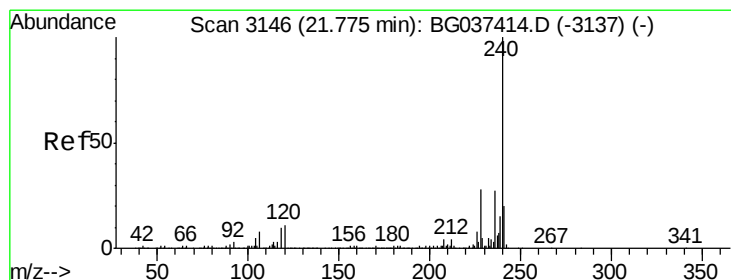
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.53



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

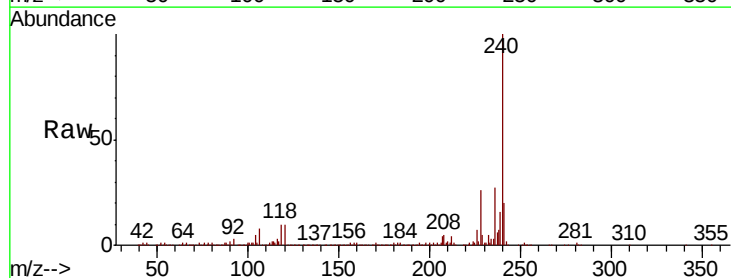
RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

Tgt Ion:	240	Resp:	385574
Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.1	12.1
236	26.7	21.4	32.0

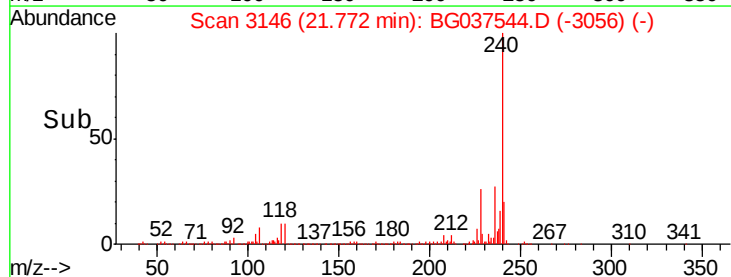


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.77



Time-->



#77

Benzidine

Concen: 35.321 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

Instrument :

BNA_F

ClientSampleId :

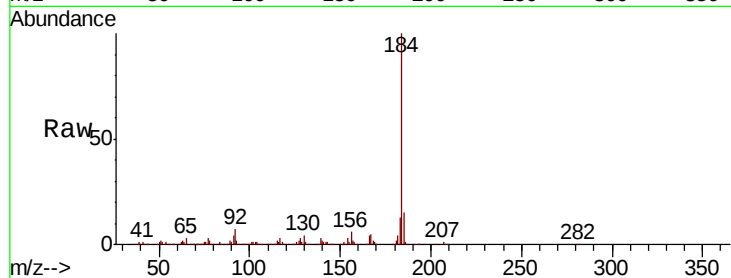
Tot Ion:184 Resp: 463076

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

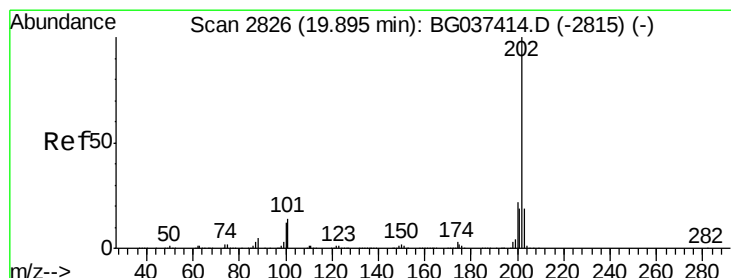
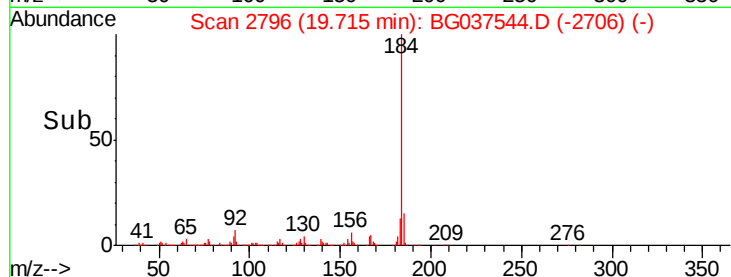
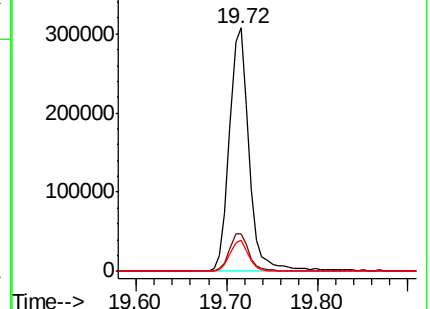
183 12.8 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.459 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

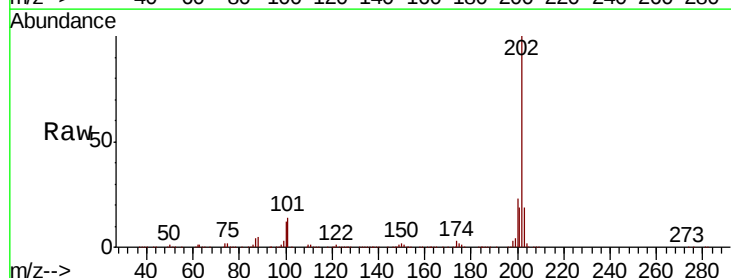
Tgt Ion:202 Resp: 969371

Ion Ratio Lower Upper

202 100

200 22.5 17.8 26.6

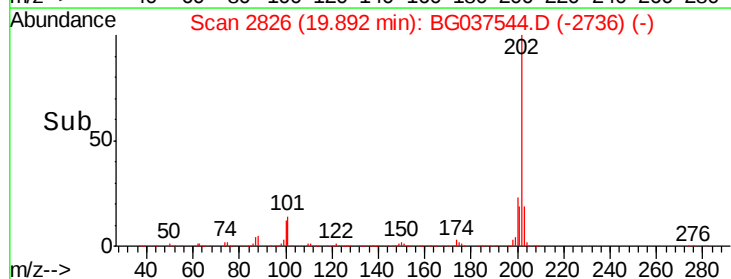
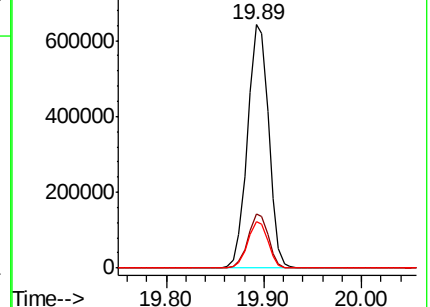
203 19.0 15.2 22.8



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: 77.131 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

Instrument :

BNA_F

ClientSampleId :

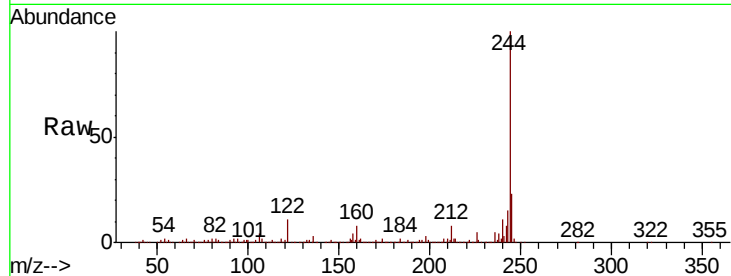
Tot Ion:244 Resp: 1391802

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

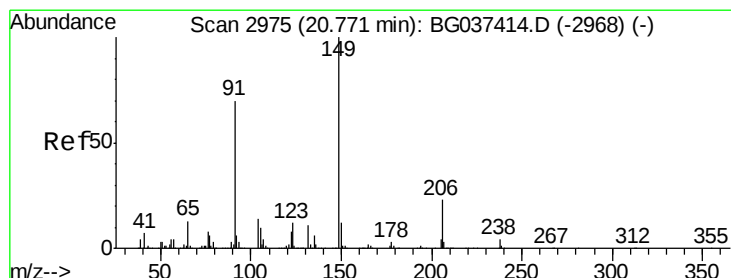
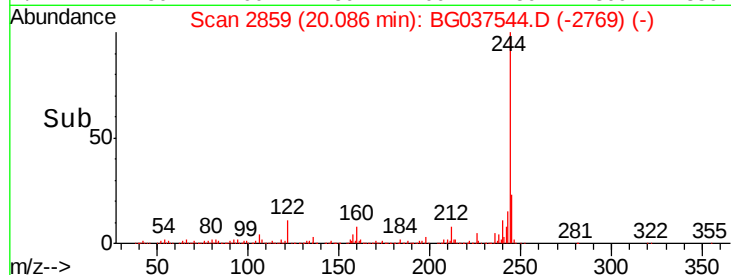
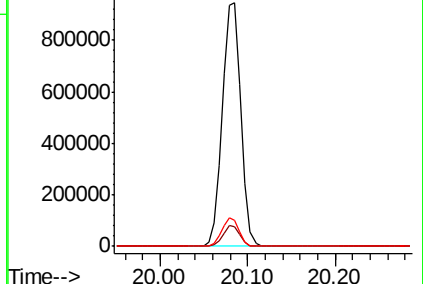
122 10.9 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.140 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

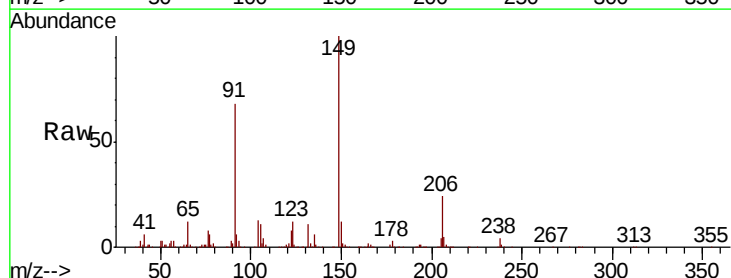
Tgt Ion:149 Resp: 424384

Ion Ratio Lower Upper

149 100

91 67.5 57.0 85.4

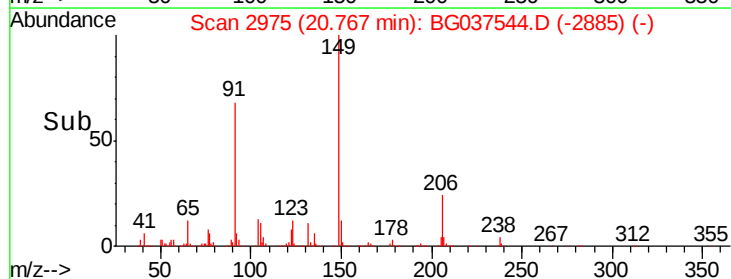
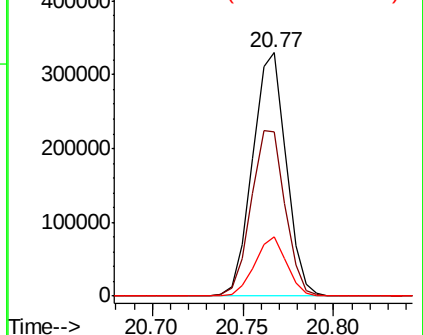
206 24.2 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

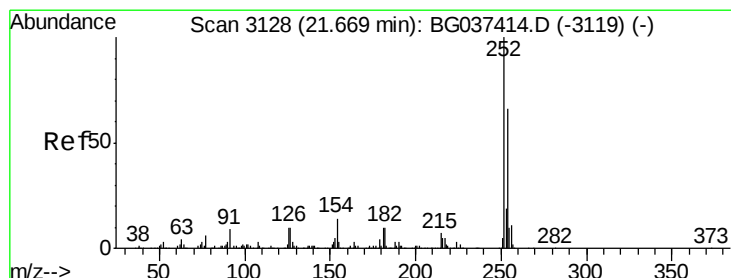
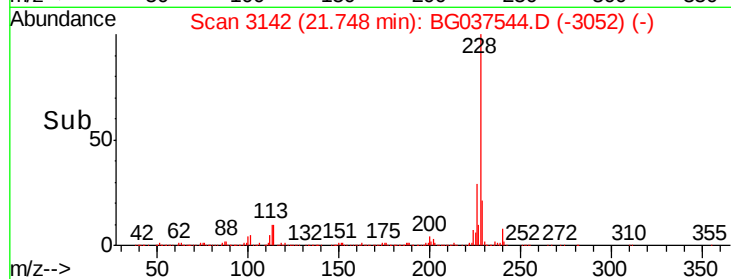
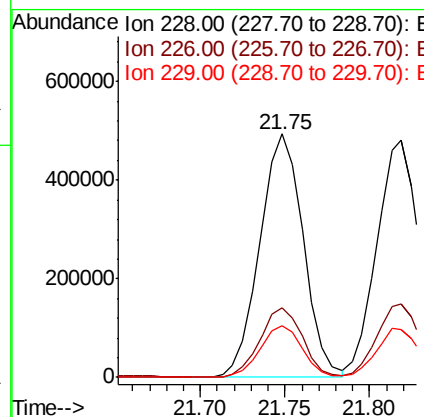
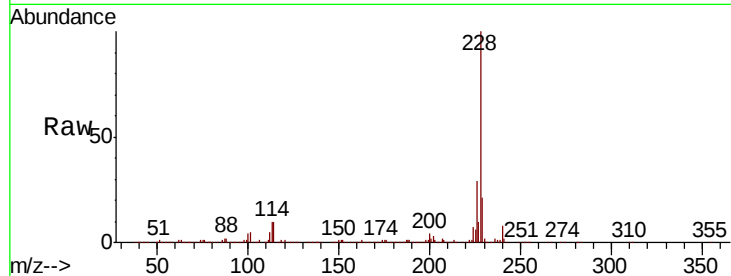




#81
Benzo(a)anthracene
Concen: 38.679 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

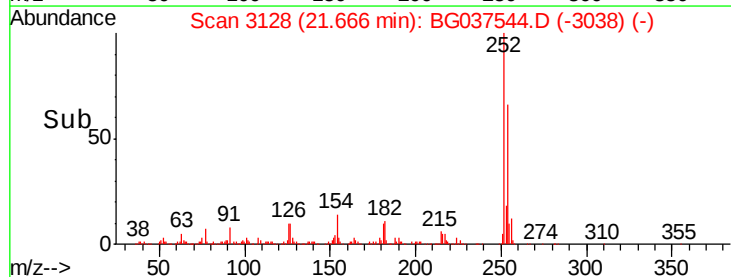
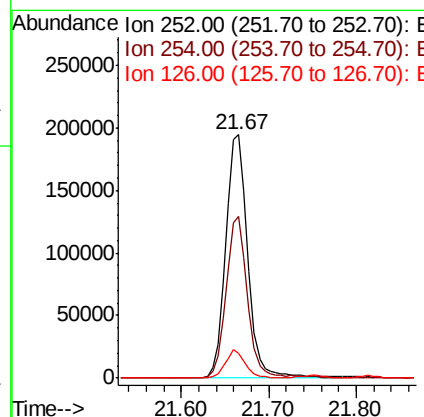
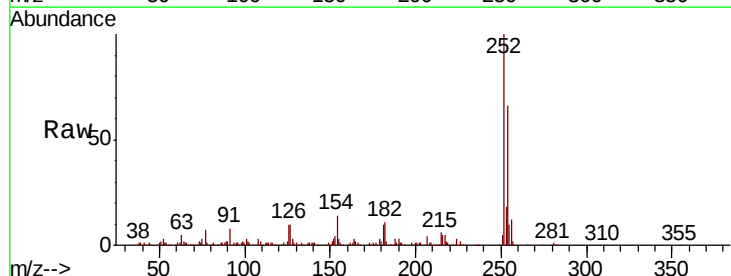
Instrument :
BNA_F
ClientSampleId :

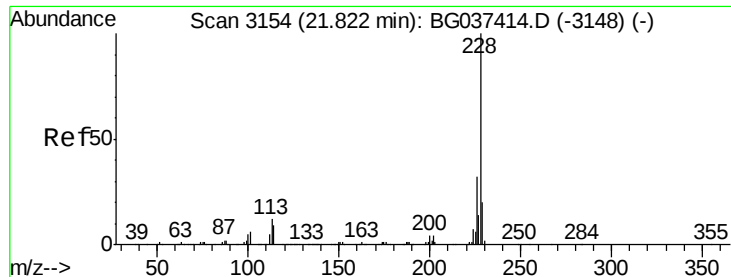
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	21.0	16.3	24.5



#82
3,3'-Dichlorobenzidine
Concen: 38.509 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.4	52.0	78.0
126	9.9	8.2	12.4





#83

Chrysene

Concen: 38.366 ng

RT: 21.82 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

Instrument :

BNA_F

ClientSampleId :

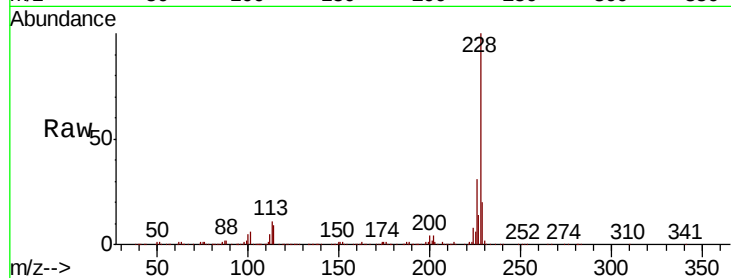
Tot Ion:228 Resp: 841361

Ion Ratio Lower Upper

228 100

226 31.1 25.7 38.5

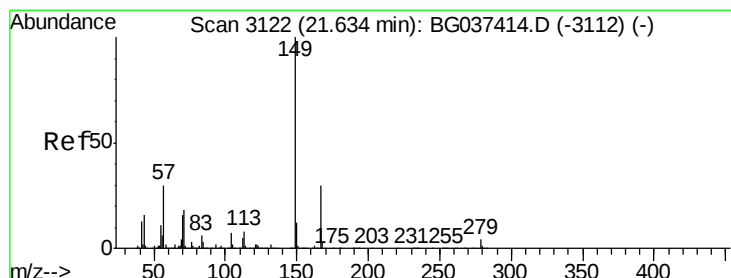
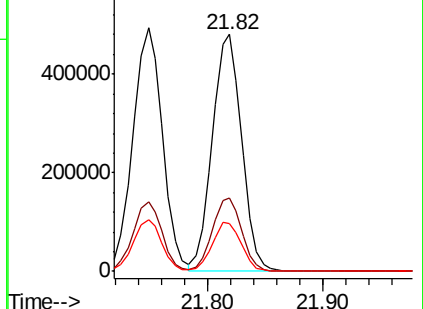
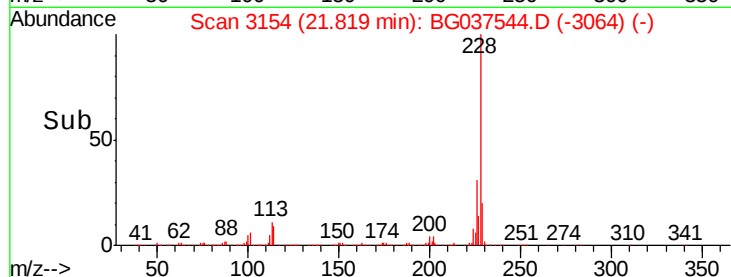
229 20.3 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.062 ng

RT: 21.63 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

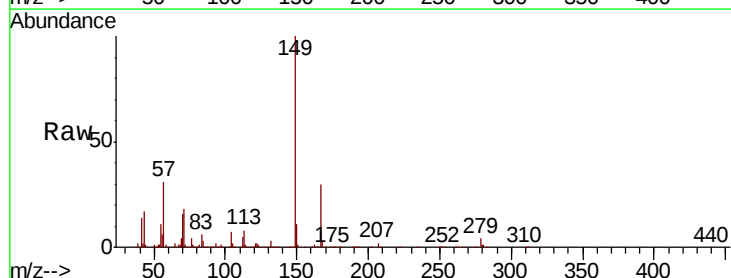
Tgt Ion:149 Resp: 593741

Ion Ratio Lower Upper

149 100

167 30.0 23.0 34.4

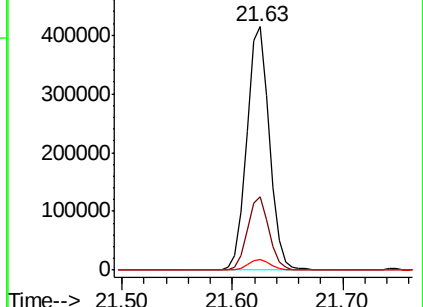
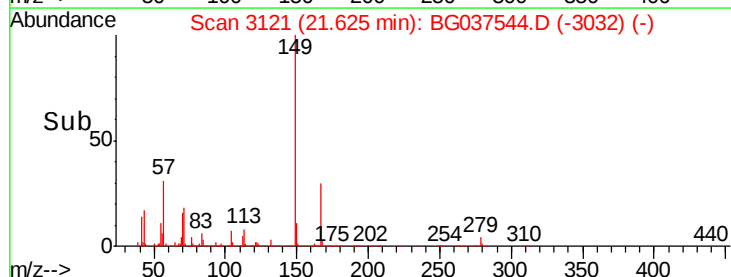
279 4.5 3.6 5.4



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: 41.441 ng

RT: 22.87 min Scan# 3333

Delta R.T. -0.02 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

Instrument :

BNA_F

ClientSampleId :

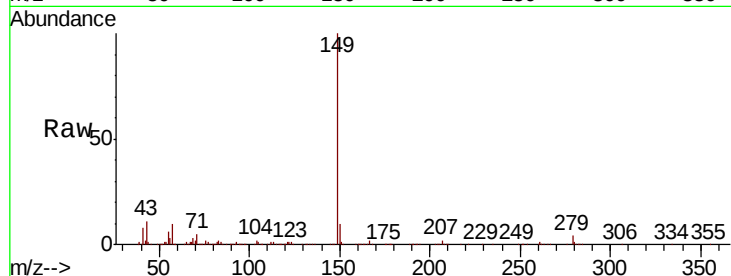
Tot Ion:149 Resp: 977132

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

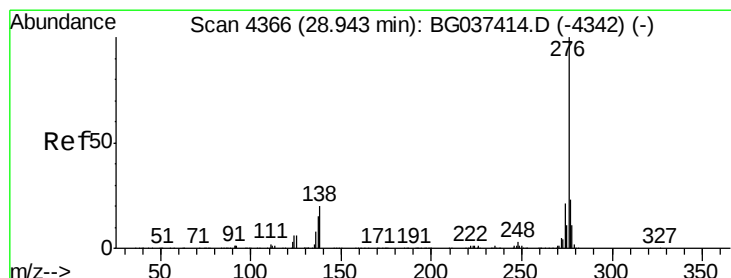
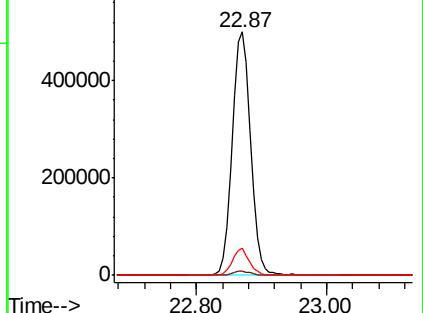
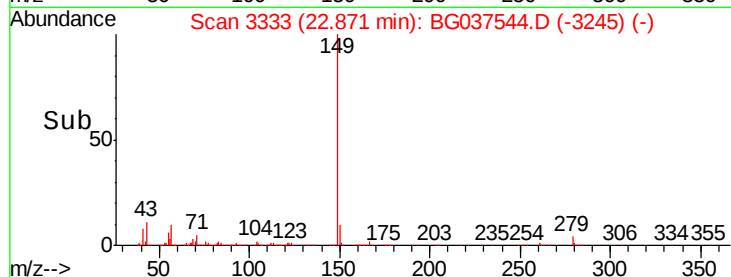
43 10.1 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.310 ng

RT: 28.92 min Scan# 4363

Delta R.T. -0.02 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

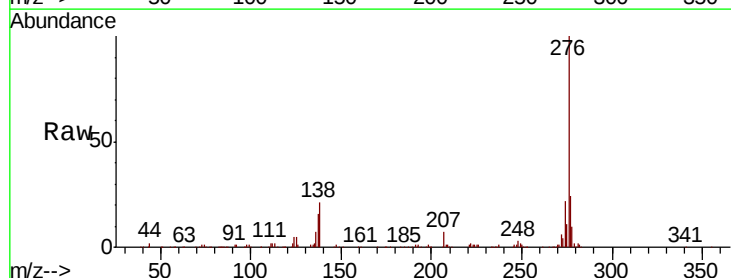
Tgt Ion:276 Resp: 830523

Ion Ratio Lower Upper

276 100

138 15.5 12.0 18.0

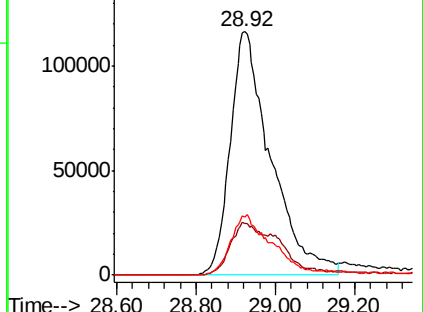
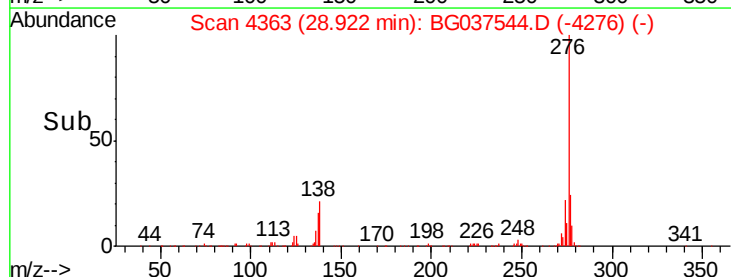
277 24.9 20.6 30.8

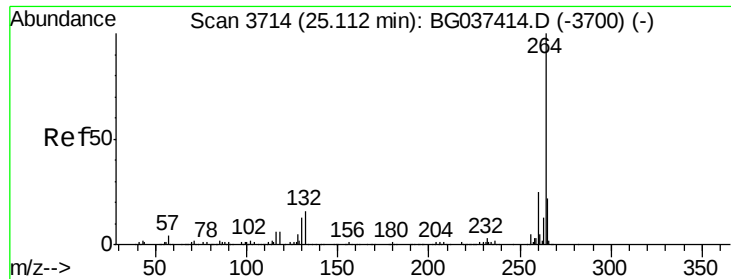


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



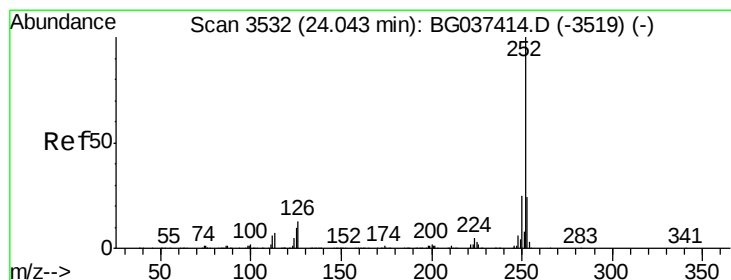
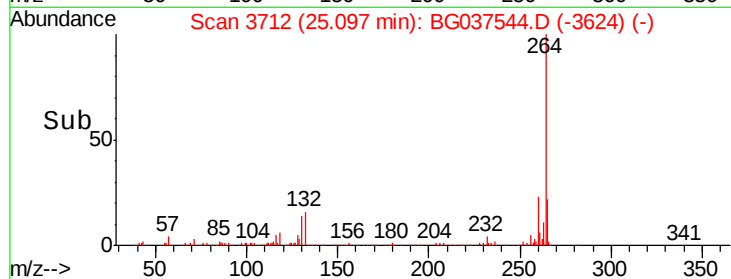
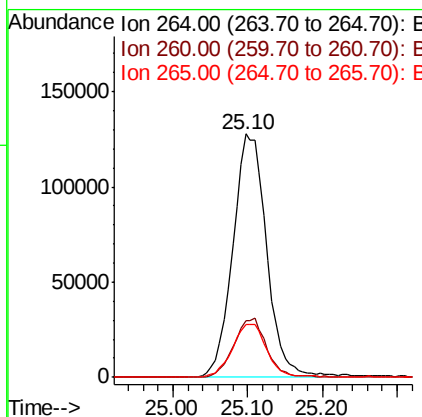
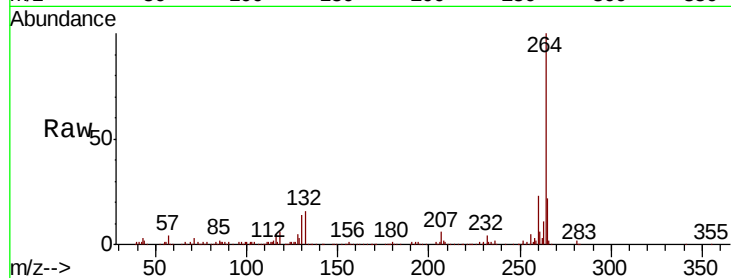


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 401542

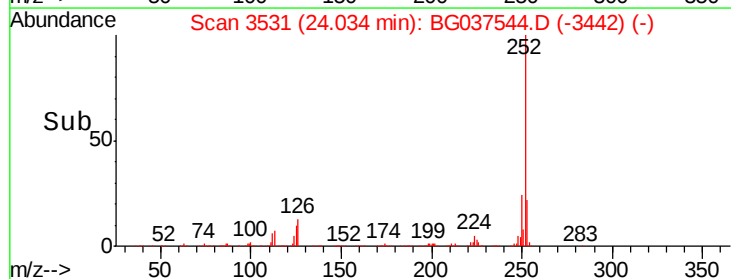
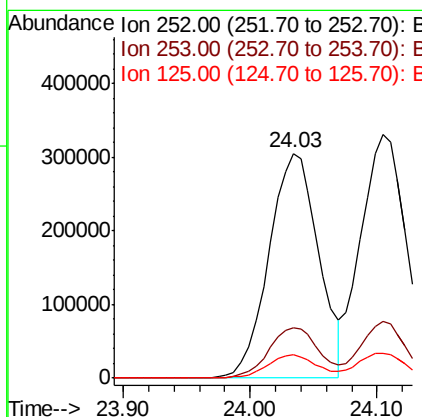
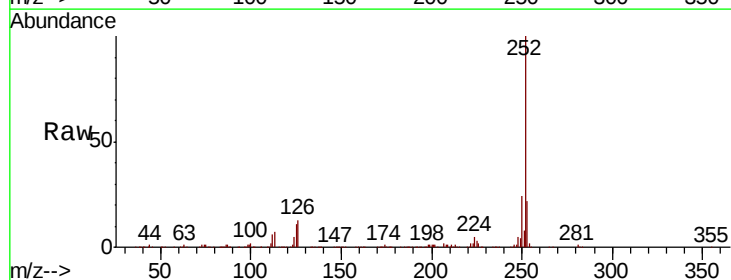
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	21.9	17.9	26.9

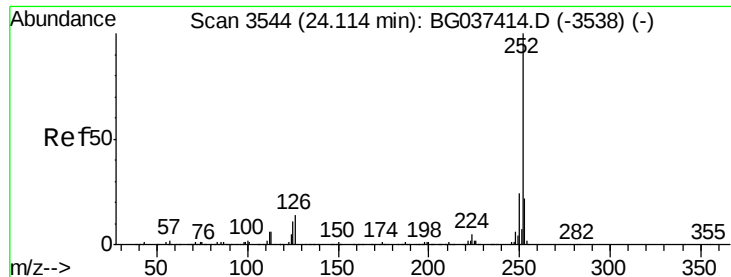


#88
Benzo(b)fluoranthene
Concen: 37.769 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037544.D
Acq: 25 Oct 2018 14:23

Tgt Ion:252 Resp: 831445

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	10.5	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 38.643 ng

RT: 24.10 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

Instrument :

BNA_F

ClientSampleId :

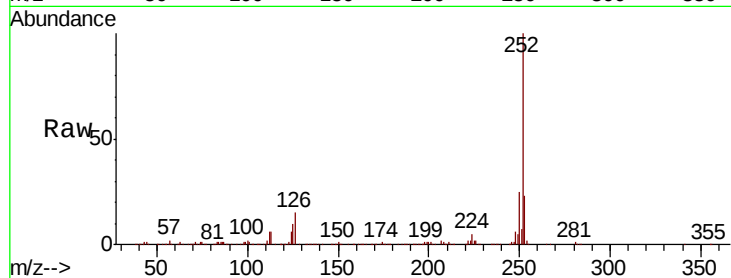
Tot Ion:252 Resp: 833453

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

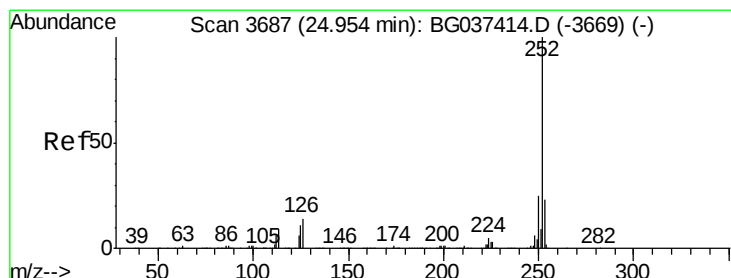
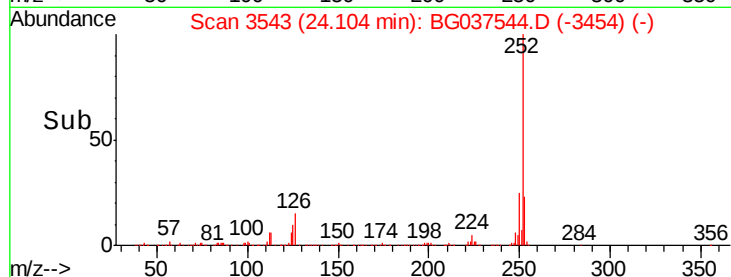
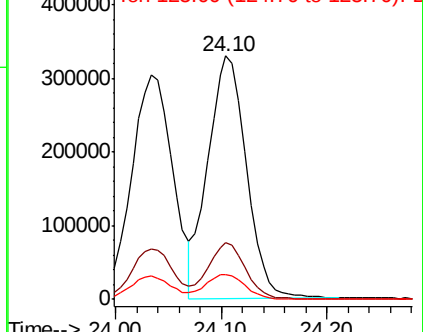
125 10.2 7.4 11.0



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



#90

Benzo(a)pyrene

Concen: 38.478 ng

RT: 24.94 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

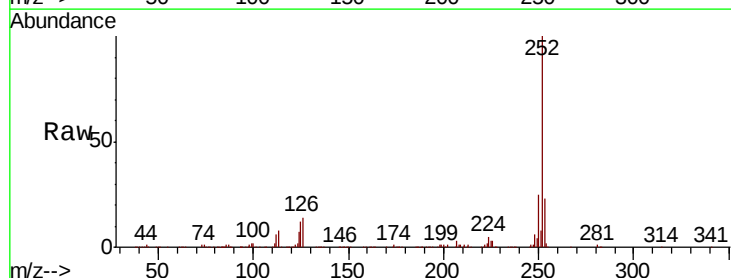
Tgt Ion:252 Resp: 804889

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.2

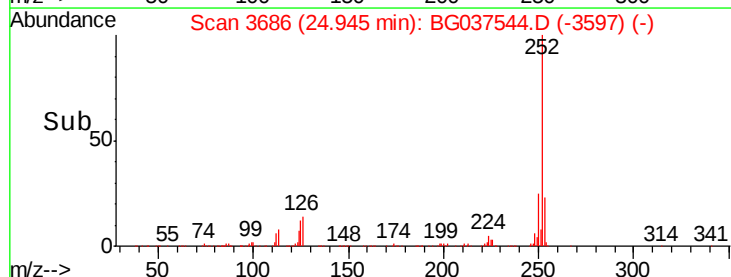
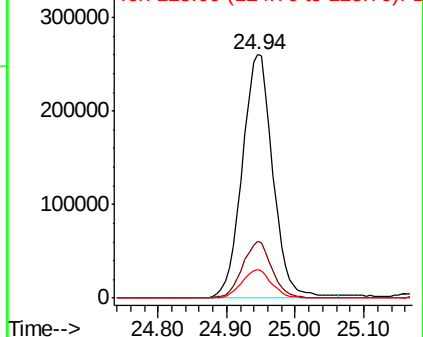
125 12.0 9.0 13.6

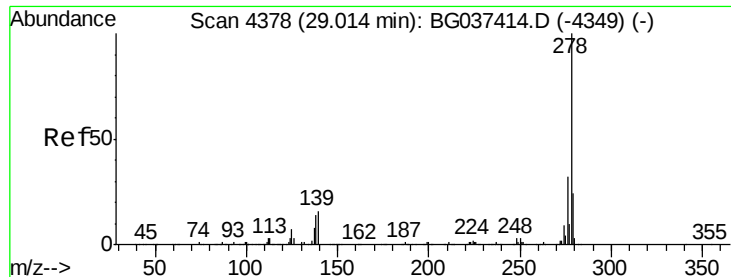


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 35.634 ng

RT: 29.00 min Scan# 4376

Delta R.T. -0.02 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

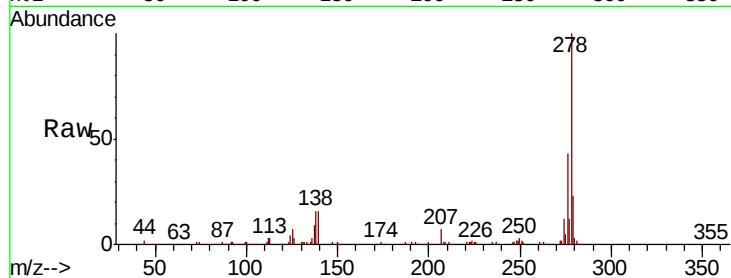
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 687578

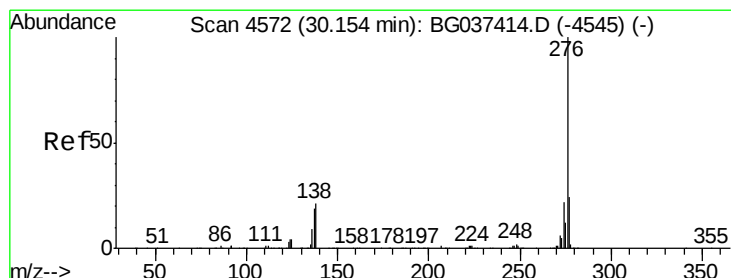
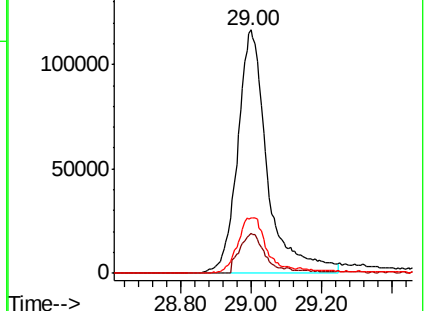
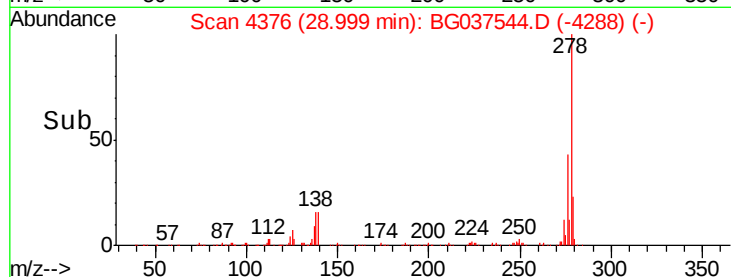
Ion	Ratio	Lower	Upper
278	100		
139	16.4	11.5	17.3
279	22.7	18.6	27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 33.739 ng

RT: 30.13 min Scan# 4568

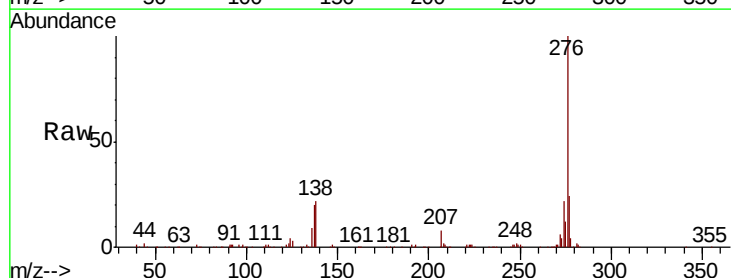
Delta R.T. -0.03 min

Lab File: BG037544.D

Acq: 25 Oct 2018 14:23

Tgt Ion:276 Resp: 658641

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	21.6	17.2	25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

