

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
 Data File : BG033163.D
 Acq On : 15 Mar 2018 3:15
 Operator : SJ/JU
 Sample : J1794-04MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 15 04:45:07 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	38648	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	176432	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	111139	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	265164	20.00	ng	0.00
75) Chrysene-d12	22.60	240	241561	20.00	ng	0.00
86) Perylene-d12	26.40	264	261715	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.32	112	350833	145.23	ng	0.00
7) Phenol-d6	8.01	99	445582	132.33	ng	0.00
23) Nitrobenzene-d5	10.10	82	317523	120.24	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	260917	223.28	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	719984	93.43	ng	0.00
78) Terphenyl-d14	20.76	244	1255036	116.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.96	88	31219	29.777	ng	# 92
3) Pyridine	4.43	79	78177	27.054	ng	93
4) n-Nitrosodimethylamine	4.32	42	57954	50.024	ng	# 82
6) Aniline	8.19	93	60189	13.206	ng	96
8) 2-Chlorophenol	8.45	128	120967	45.749	ng	98
9) Benzaldehyde	8.00	77	32798	16.901	ng	96
10) Phenol	8.03	94	137631	40.548	ng	95
11) bis(2-Chloroethyl)ether	8.28	93	108581	39.121	ng	99
12) 1,3-Dichlorobenzene	8.78	146	117687	38.001	ng	99
13) 1,4-Dichlorobenzene	8.93	146	120781	38.744	ng	96
14) 1,2-Dichlorobenzene	9.27	146	117260	39.253	ng	99
15) Benzyl Alcohol	9.13	79	109684	44.310	ng	95
16) 2,2'-oxybis(1-Chloropropan	9.42	45	210642	44.147	ng	99
17) 2-Methylphenol	9.33	107	105476	42.140	ng	96
18) Hexachloroethane	10.02	117	43908	41.368	ng	90
19) n-Nitroso-di-n-propylamine	9.71	70	96680	40.671	ng	# 89
20) 3+4-Methylphenols	9.67	107	146869	42.201	ng	95
22) Acetophenone	9.74	105	181994	40.845	ng	# 98
24) Nitrobenzene	10.14	77	141095	49.861	ng	94
25) Isophorone	10.67	82	280294	45.262	ng	# 94
26) 2-Nitrophenol	10.87	139	67683	61.756	ng	98
27) 2,4-Dimethylphenol	10.90	122	133005	49.441	ng	92
28) bis(2-Chloroethoxy)methane	11.14	93	155234	43.030	ng	96
29) 2,4-Dichlorophenol	11.41	162	127094	52.054	ng	94
30) 1,2,4-Trichlorobenzene	11.64	180	116518	40.712	ng	96
31) Naphthalene	11.84	128	393509	42.684	ng	99
32) Benzoic acid	10.90	122	133005	67.482	ng	# 7
33) 4-Chloroaniline	11.93	127	24525	5.950	ng	98
34) Hexachlorobutadiene	12.09	225	68398	42.606	ng	97
35) Caprolactam	12.68	113	39667	40.574	ng	93
36) 4-Chloro-3-methylphenol	13.00	107	158567	55.808	ng	95
37) 2-Methylnaphthalene	13.39	142	294369	44.134	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	136917	41.500	ng	# 97
40) Hexachlorocyclopentadiene	13.71	237	165199	98.252	ng	93

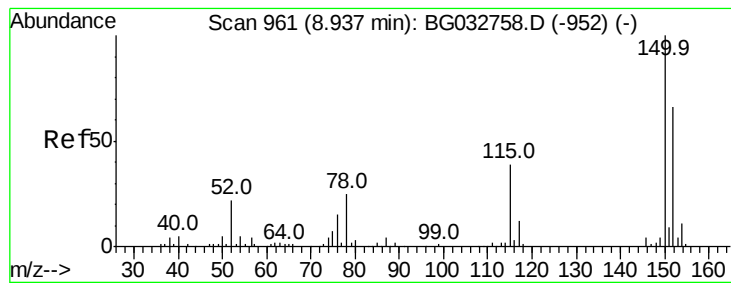
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
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 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	104056	50.013	nq	99
43) 2,4,5-Trichlorophenol	14.04	196	119844	49.768	nq	96
45) 1,1'-Biphenyl	14.36	154	382401	39.375	nq	97
46) 2-Chloronaphthalene	14.41	162	289009	39.837	nq	97
47) 2-Nitroaniline	14.60	65	110139	57.699	nq	93
48) Acenaphthylene	15.25	152	488327	41.114	nq	99
49) Dimethylphthalate	14.94	163	411197	43.574	nq	100
50) 2,6-Dinitrotoluene	15.07	165	89568	55.612	nq	97
51) Acenaphthene	15.58	154	345099	46.653	nq	99
52) 3-Nitroaniline	15.41	138	27933	19.727	nq	# 86
53) 2,4-Dinitrophenol	15.61	184	72358	122.188	nq	# 80
54) Dibenzofuran	15.91	168	472103	44.823	nq	91
55) 4-Nitrophenol	15.69	139	148135	94.456	nq	94
56) 2,4-Dinitrotoluene	15.85	165	130061	64.808	nq	# 89
57) Fluorene	16.55	166	384014	44.174	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.04	232	107292	57.388	nq	95
59) Diethylphthalate	16.28	149	451309	45.343	nq	98
60) 4-Chlorophenyl-phenylether	16.52	204	197302	46.395	nq	90
61) 4-Nitroaniline	16.56	138	67245	34.582	nq	96
62) Azobenzene	16.82	77	393057	44.142	nq	96
64) 4,6-Dinitro-2-methylphenol	16.61	198	57989	65.492	nq	98
65) n-Nitrosodiphenylamine	16.73	169	354389	41.083	nq	100
66) 4-Bromophenyl-phenylether	17.42	248	130156	46.421	nq	# 88
67) Hexachlorobenzene	17.55	284	138988	45.871	nq	96
68) Atrazine	17.66	200	110674	38.978	nq	97
69) Pentachlorophenol	17.89	266	166854	87.426	nq	98
70) Phenanthrene	18.29	178	644083	43.538	nq	99
71) Anthracene	18.38	178	653780	44.020	nq	99
72) Carbazole	18.64	167	598660	40.895	nq	97
73) Di-n-butylphthalate	19.13	149	760790	42.362	nq	99
74) Fluoranthene	20.24	202	734107	44.923	nq	97
76) Benzidine	20.40	184	91630	11.128	nq	97
77) Pyrene	20.60	202	732715	43.012	nq	99
79) Butylbenzylphthalate	21.46	149	338712	44.846	nq	94
80) Benzo(a)anthracene	22.58	228	691231	44.624	nq	100
81) 3,3'-Dichlorobenzidine	22.47	252	79610	13.877	nq	97
82) Chrysene	22.66	228	651738	44.045	nq	98
83) Bis(2-ethylhexyl)phthalate	22.40	149	465232	41.613	nq	95
84) Di-n-octyl phthalate	23.81	149	783127	45.956	nq	99
85) Indeno(1,2,3-cd)pyrene	30.83	276	814695	47.210	nq	# 89
87) Benzo(b)fluoranthene	25.18	252	700773	45.286	nq	99
88) Benzo(k)fluoranthene	25.26	252	676442	43.985	nq	99
89) Benzo(a)pyrene	26.23	252	668578	45.425	nq	98
90) Dibenzo(a,h)anthracene	30.90	278	681413	45.995	nq	96
91) Benzo(g,h,i)perylene	32.23	276	674716	46.200	nq	99

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

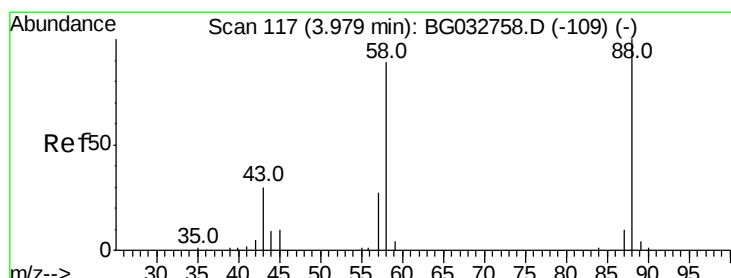
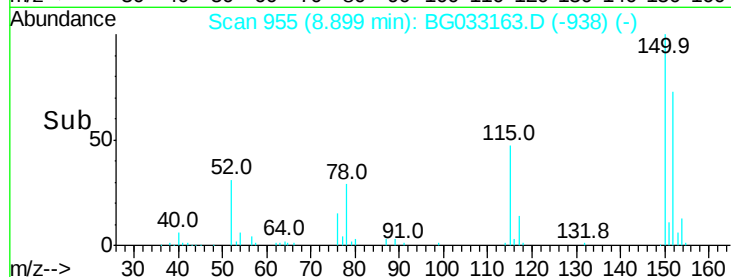
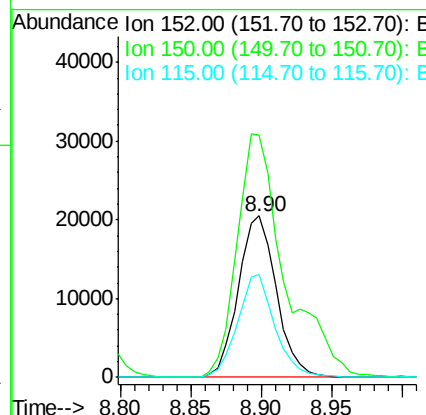
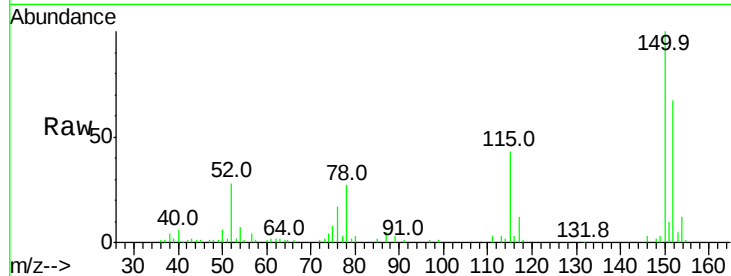


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_F
ClientSampleId :

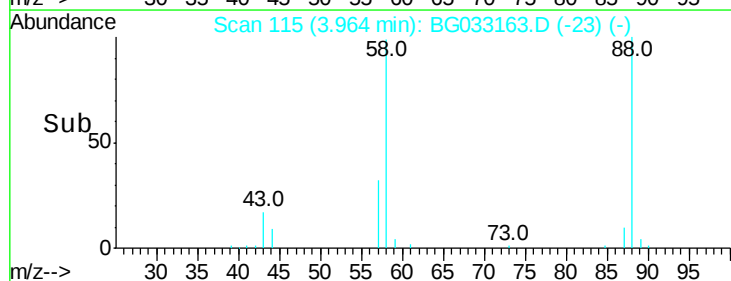
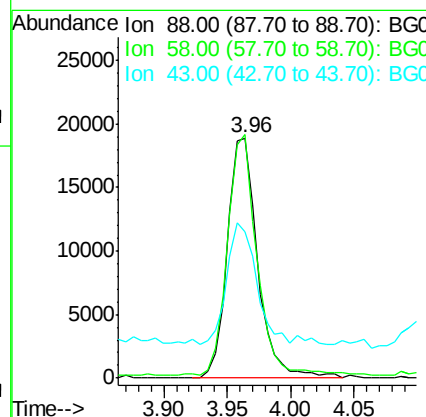
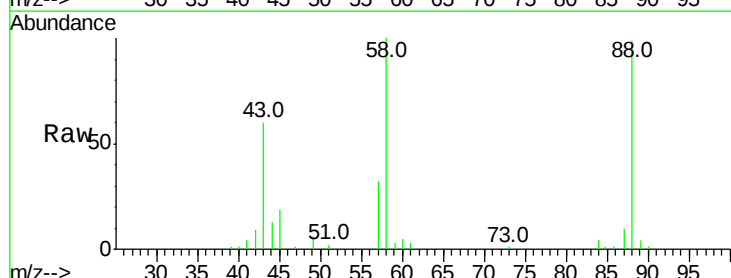
Tot Ion:152 Resp: 38648
Ion Ratio Lower Upper
152 100
150 150.4 126.6 189.8
115 63.9 53.0 79.4

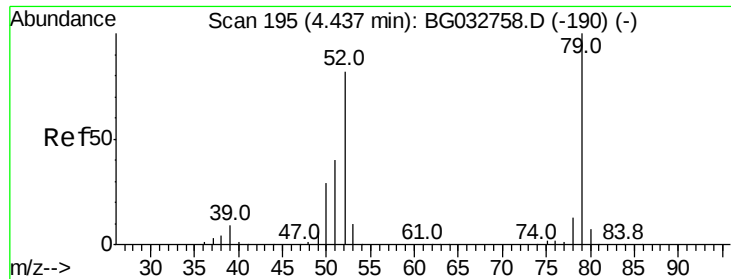


#2

1,4-Dioxane
Concen: 29.777 ng
RT: 3.96 min Scan# 115
Delta R.T. 0.01 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion: 88 Resp: 31219
Ion Ratio Lower Upper
88 100
58 98.5 79.6 119.4
43 49.5 27.4 41.0#





#3

Pvridine

Concen: 27.054 ng

RT: 4.43 min Scan# 194

Delta R.T. 0.01 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Instrument :

BNA_F

ClientSampled :

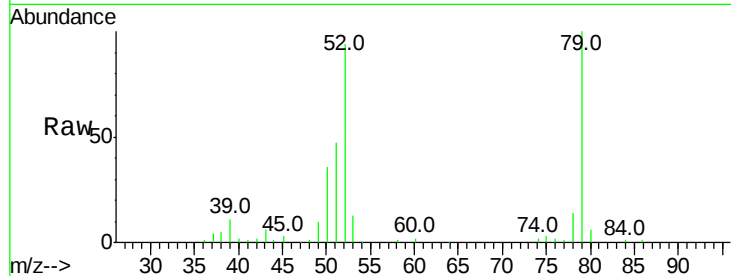
Tot Ion: 79 Resp: 78177

Ion Ratio Lower Upper

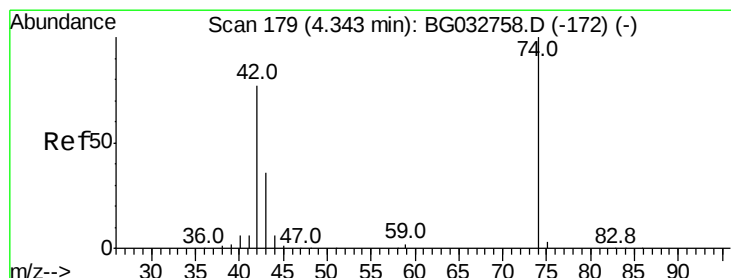
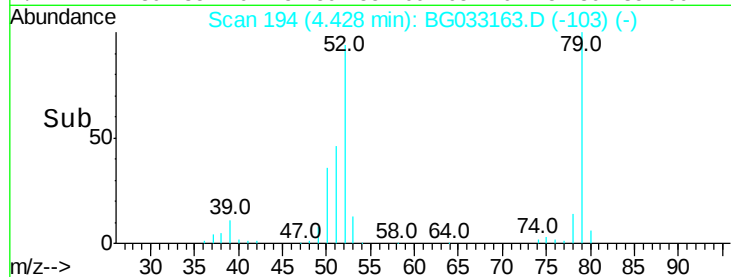
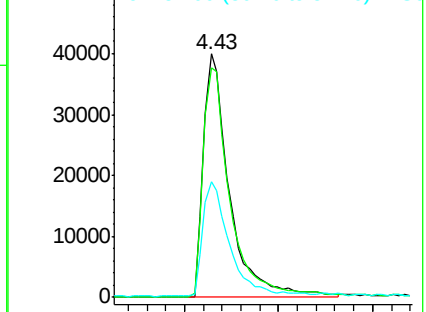
79 100

52 94.2 69.9 104.9

51 47.4 34.0 51.0



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: 50.024 ng

RT: 4.32 min Scan# 176

Delta R.T. 0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

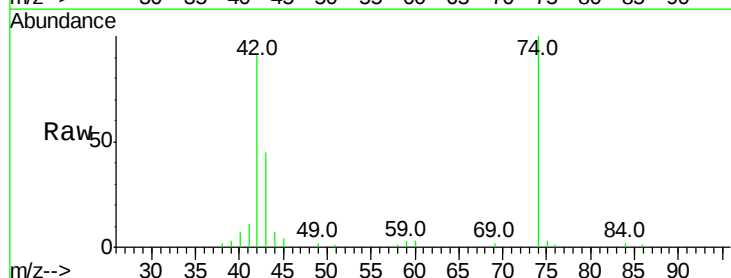
Tgt Ion: 42 Resp: 57954

Ion Ratio Lower Upper

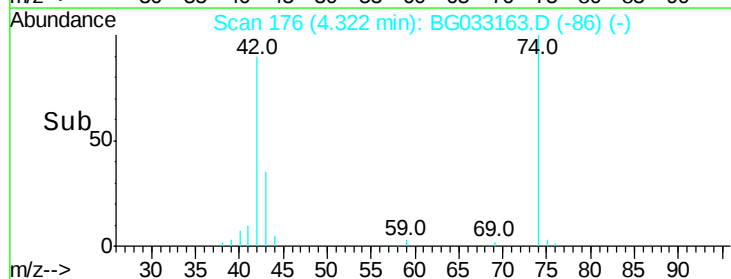
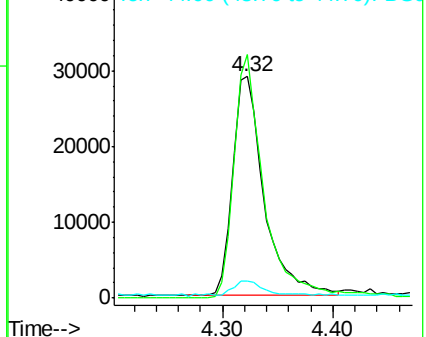
42 100

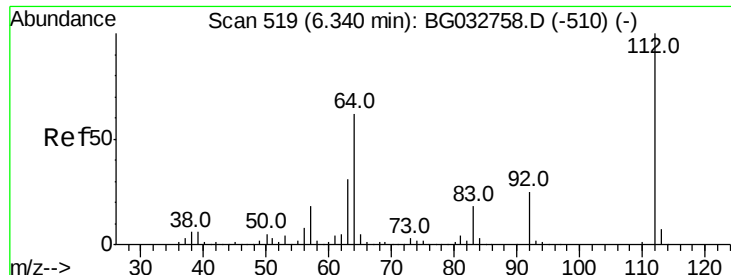
74 109.9 102.5 153.7

44 7.7 18.9 28.3#



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: 145.229 ng

RT: 6.32 min Scan# 516

Delta R.T. 0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Instrument :

BNA_F

ClientSampled :

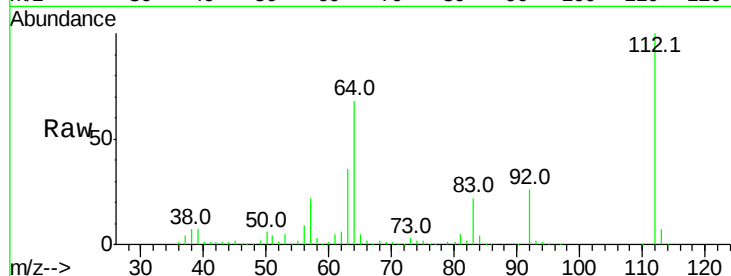
Tot Ion:112 Resp: 350833

Ion Ratio Lower Upper

112 100

64 67.7 56.3 84.5

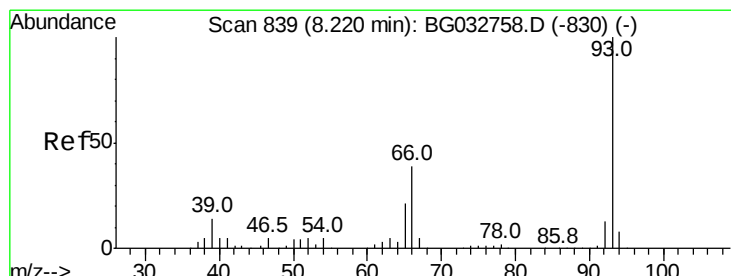
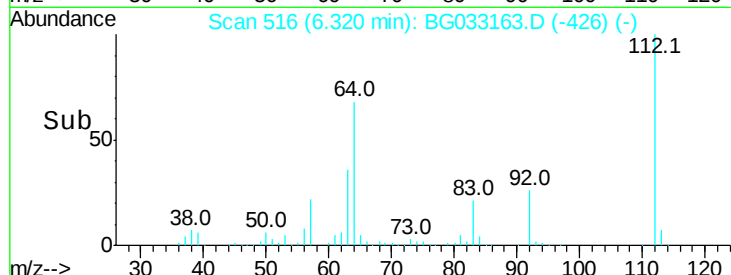
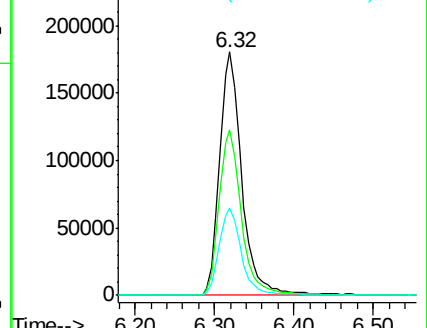
63 35.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 13.206 ng

RT: 8.19 min Scan# 835

Delta R.T. 0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

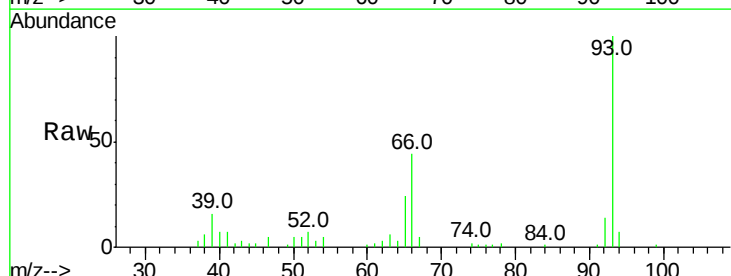
Tgt Ion: 93 Resp: 60189

Ion Ratio Lower Upper

93 100

66 43.7 33.7 50.5

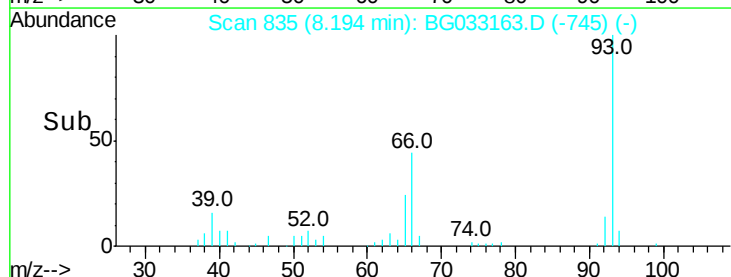
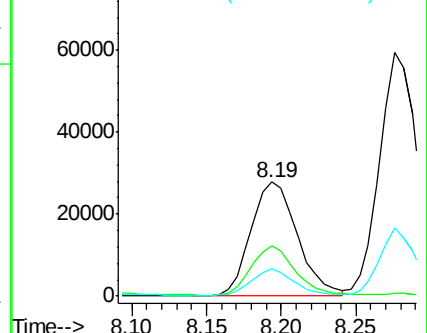
65 23.7 16.1 24.1

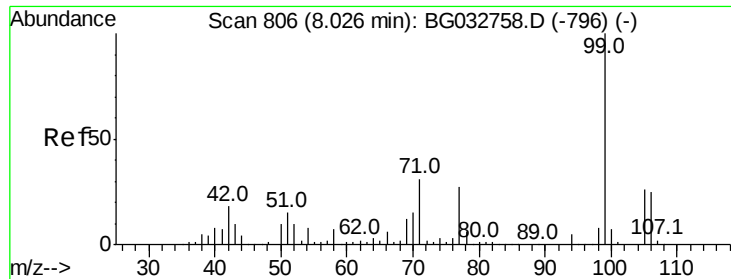


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.331 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

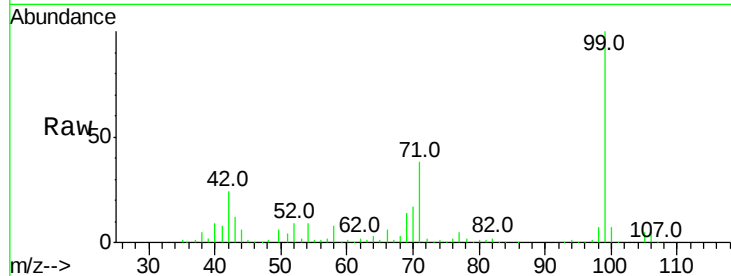
Instrument :

BNA_F

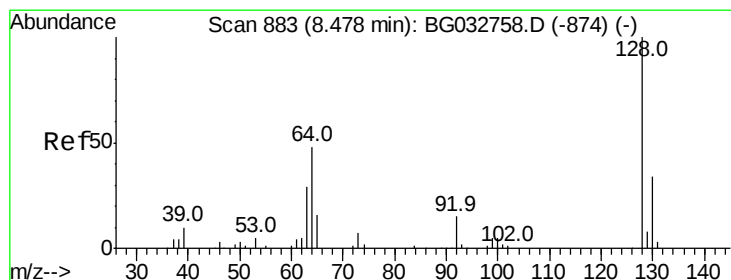
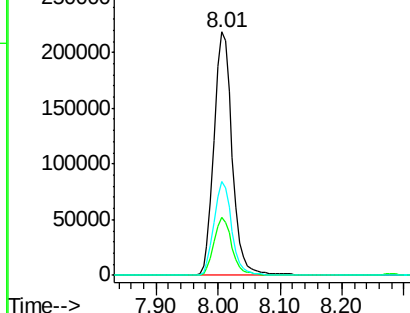
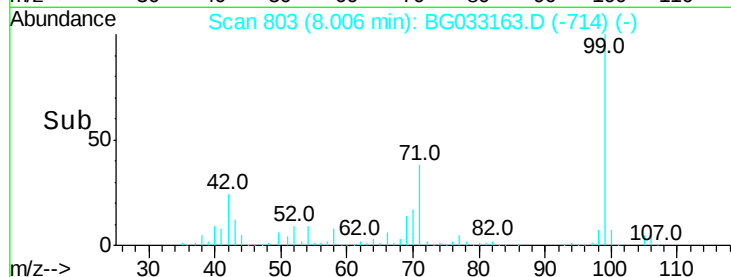
ClientSampled :

Tot Ion: 99 Resp: 445582

Ion	Ratio	Lower	Upper
99	100		
42	23.6	14.1	21.1#
71	38.3	26.1	39.1



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: 45.749 ng

RT: 8.45 min Scan# 878

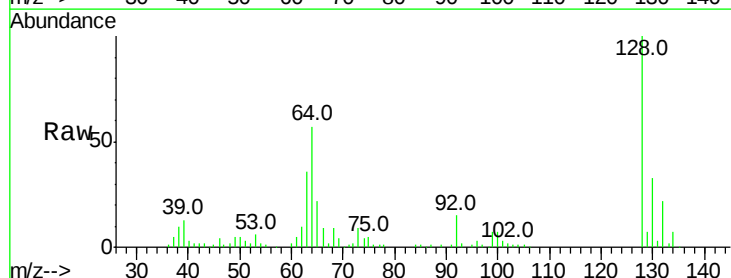
Delta R.T. 0.00 min

Lab File: BG033163.D

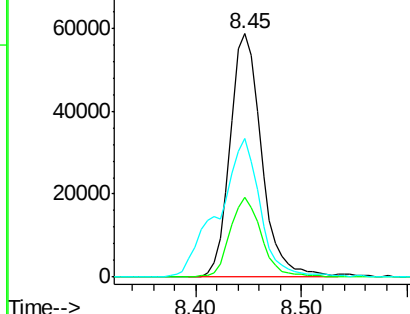
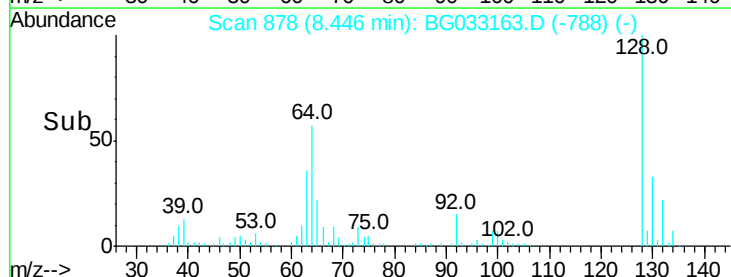
Acq: 15 Mar 2018 3:15

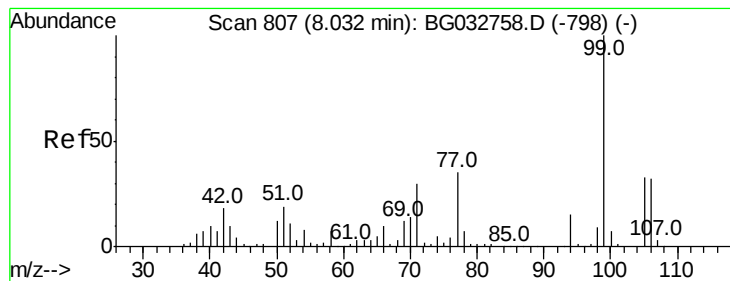
Tgt Ion:128 Resp: 120967

Ion	Ratio	Lower	Upper
128	100		
130	32.6	14.0	54.0
64	56.7	37.7	77.7



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





#9

Benzaldehyde

Concen: 16.901 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Instrument :

BNA_F

ClientSampleId :

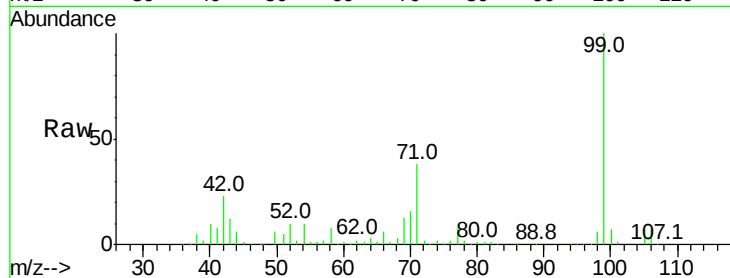
Tot Ion: 77 Resp: 32798

Ion Ratio Lower Upper

77 100

105 87.4 71.3 111.3

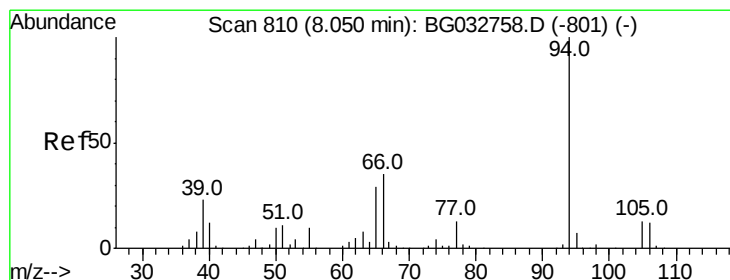
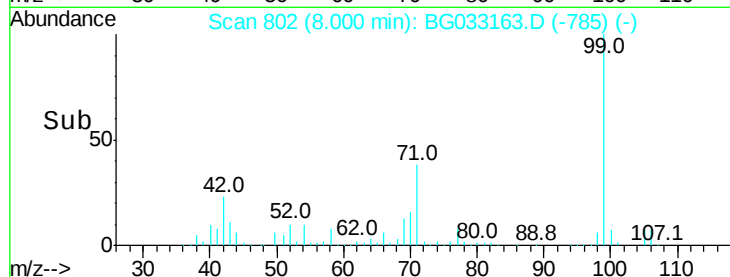
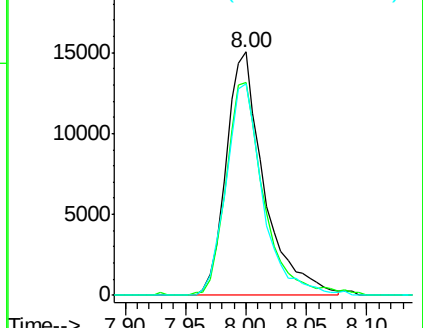
106 87.0 64.2 104.2



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: 40.548 ng

RT: 8.03 min Scan# 808

Delta R.T. -0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

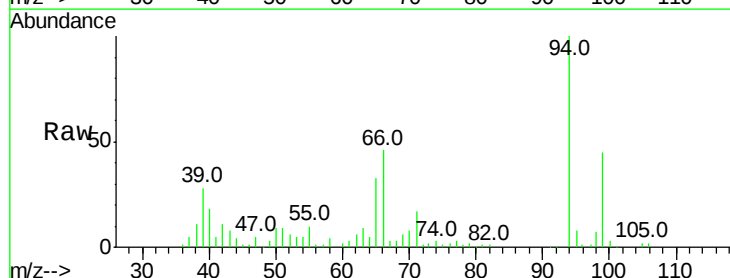
Tgt Ion: 94 Resp: 137631

Ion Ratio Lower Upper

94 100

65 33.4 11.9 51.9

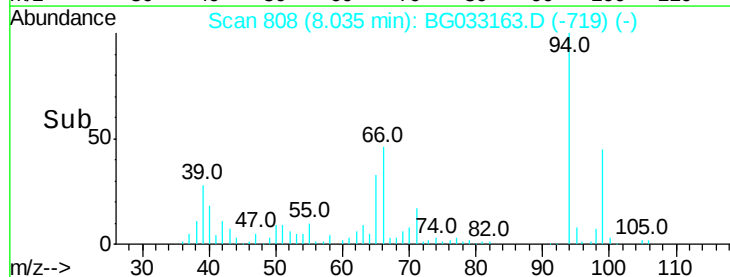
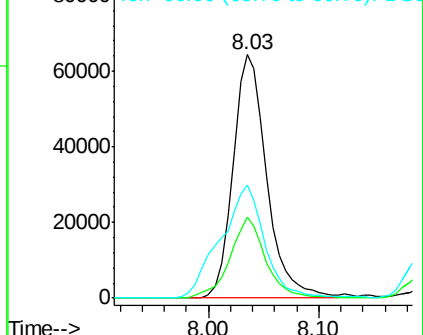
66 46.2 22.2 62.2

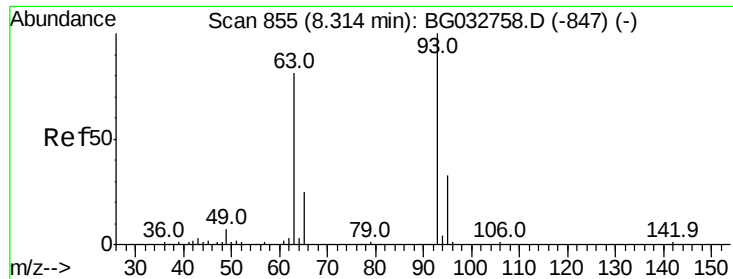


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

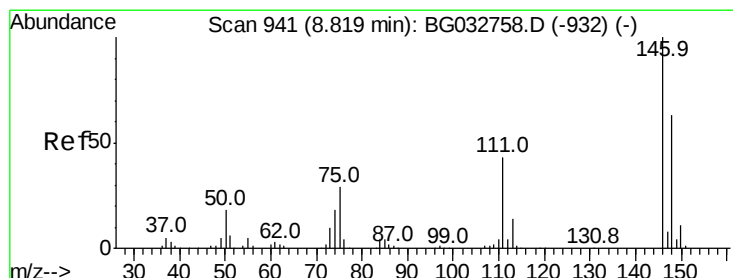
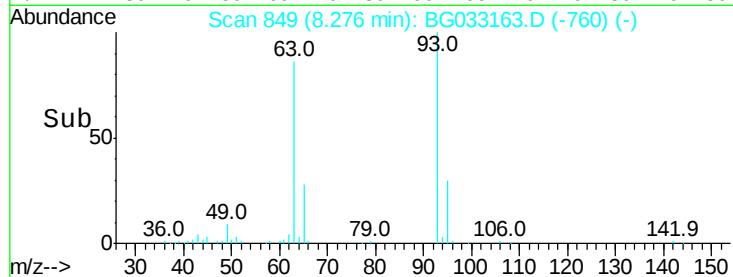
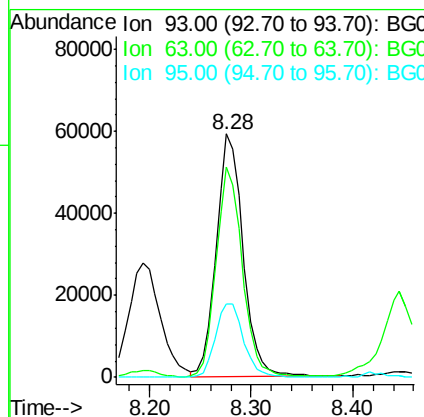
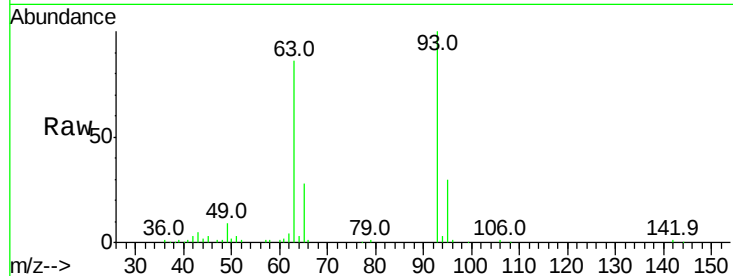




#11
 bis(2-Chloroethyl)ether
 Concen: 39.121 ng
 RT: 8.28 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

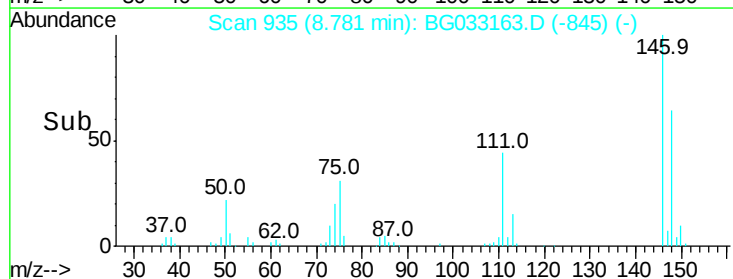
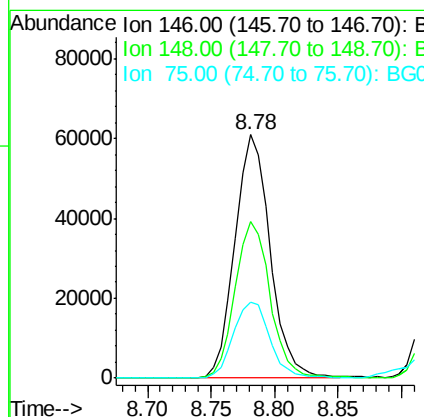
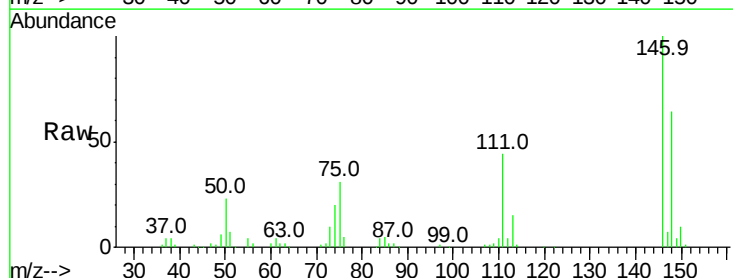
Instrument :
 BNA_F
 ClientSampleId :

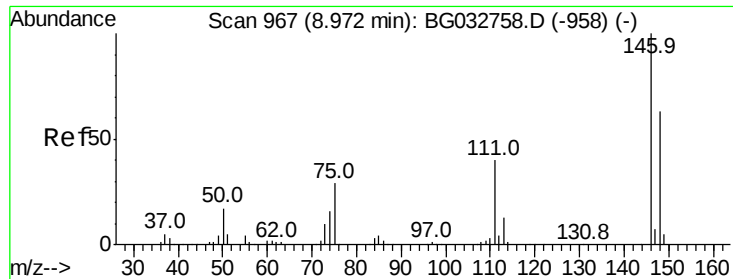
Tot Ion: 93 Resp: 108581
 Ion Ratio Lower Upper
 93 100
 63 86.3 67.1 107.1
 95 29.9 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 38.001 ng
 RT: 8.78 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Tgt Ion: 146 Resp: 117687
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.4 77.2
 75 31.4 26.6 39.8

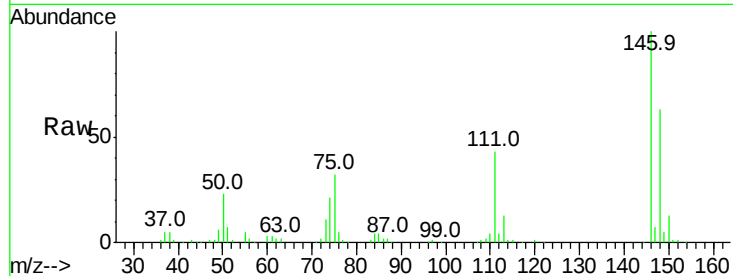




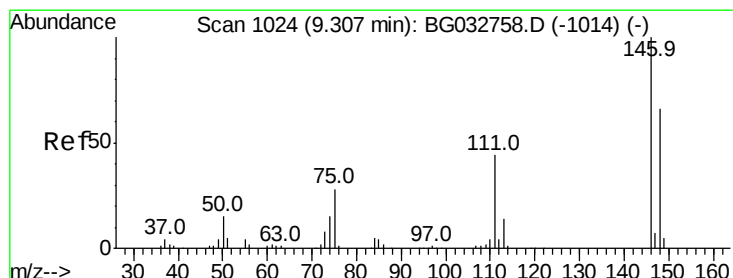
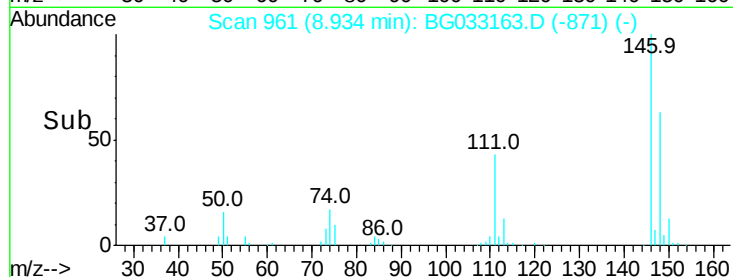
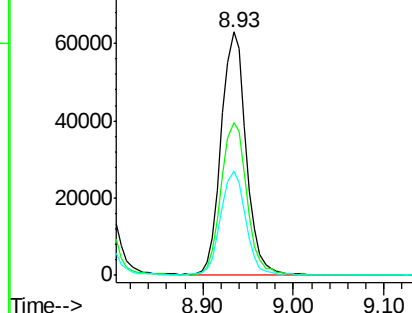
#13
 1,4-Dichlorobenzene
 Concen: 38.744 ng
 RT: 8.93 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 120781
 Ion Ratio Lower Upper
 146 100
 148 62.6 53.7 80.5
 111 42.9 35.2 52.8

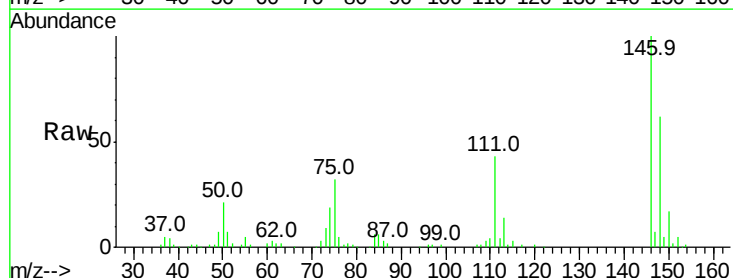


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

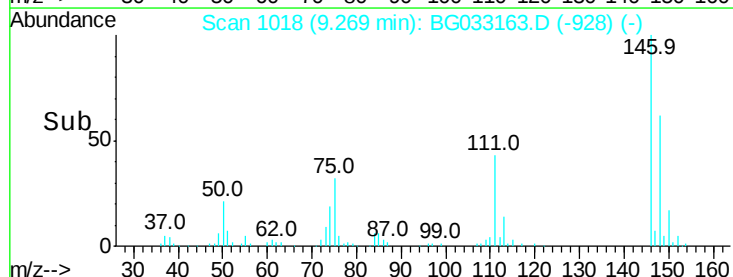
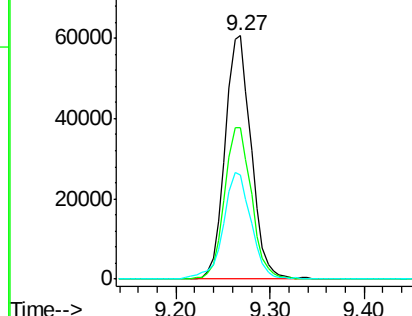


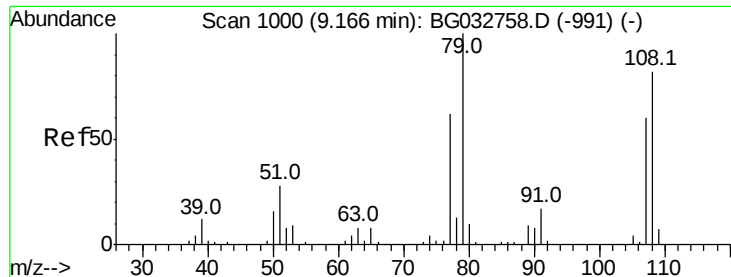
#14
 1,2-Dichlorobenzene
 Concen: 39.253 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Tgt Ion:146 Resp: 117260
 Ion Ratio Lower Upper
 146 100
 148 62.4 49.3 73.9
 111 42.8 34.3 51.5



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

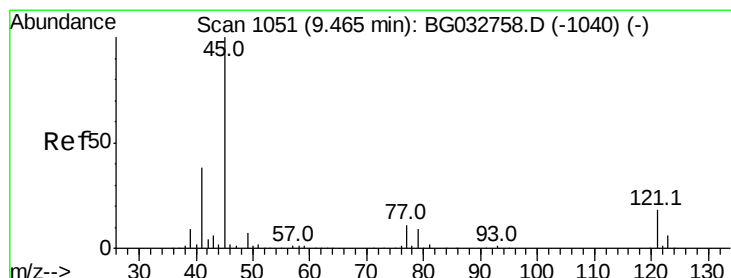
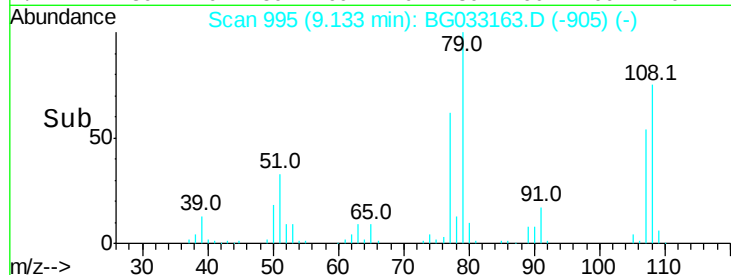
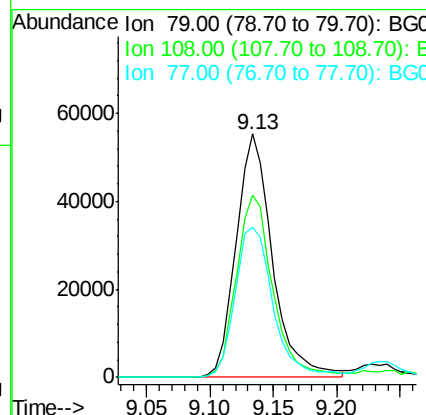
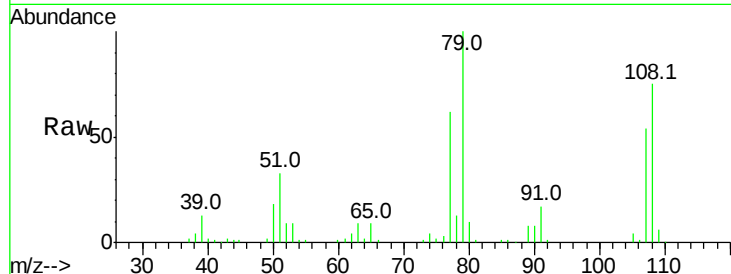




#15
Benzyl Alcohol
Concen: 44.310 ng
RT: 9.13 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

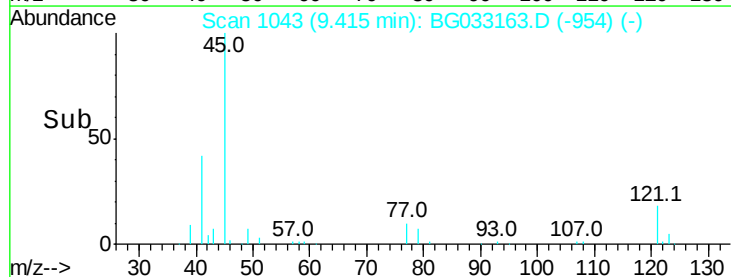
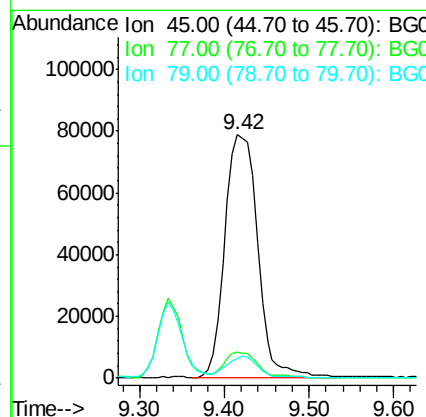
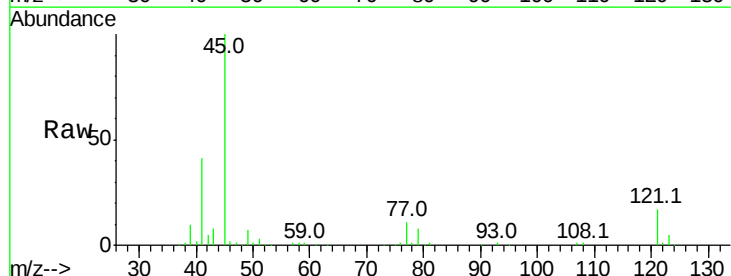
Instrument :
BNA_F
ClientSampleId :

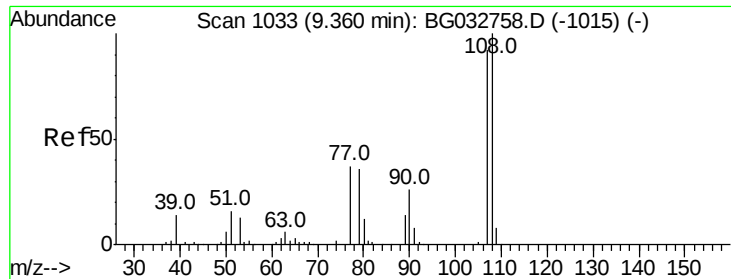
Tot Ion: 79 Resp: 109684
Ion Ratio Lower Upper
79 100
108 74.7 57.2 85.8
77 61.9 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.147 ng
RT: 9.42 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion: 45 Resp: 210642
Ion Ratio Lower Upper
45 100
77 10.9 0.0 30.2
79 8.0 0.0 27.9





#17

2-Methylphenol

Concen: 42.140 ng

RT: 9.33 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 105476

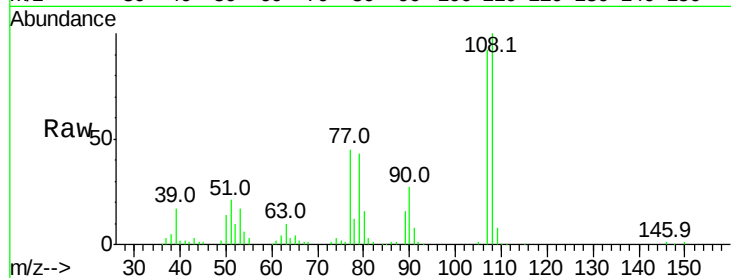
Ion Ratio Lower Upper

107 100

108 109.2 83.9 125.9

77 49.1 37.2 55.8

79 47.2 36.2 54.2

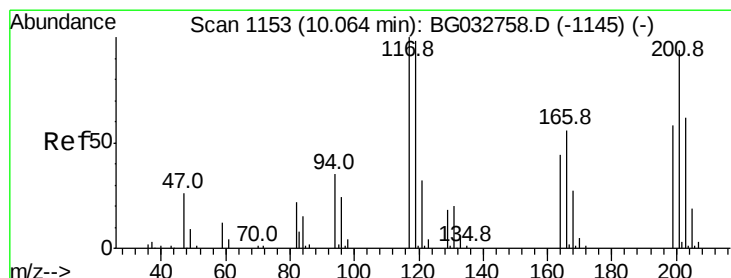
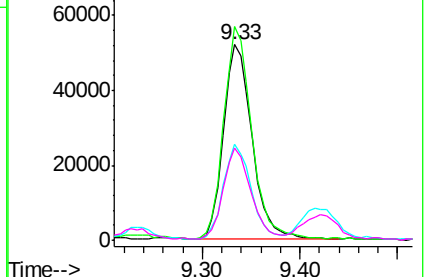
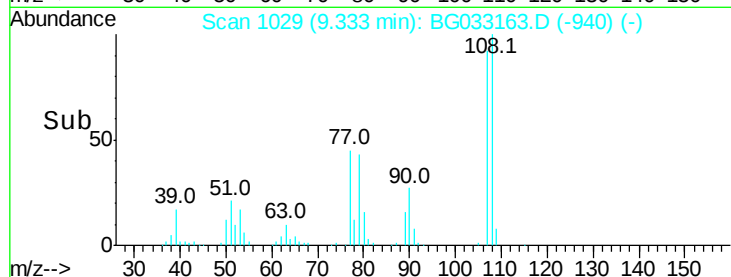


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.368 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

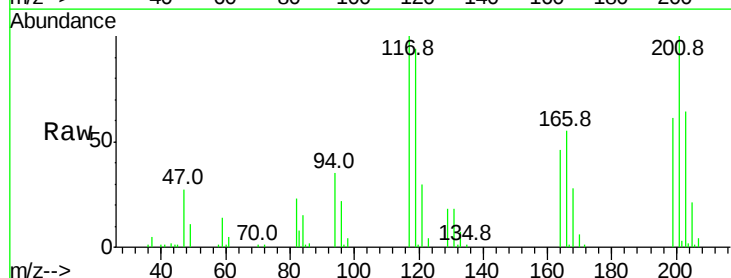
Tgt Ion:117 Resp: 43908

Ion Ratio Lower Upper

117 100

119 94.3 76.7 115.1

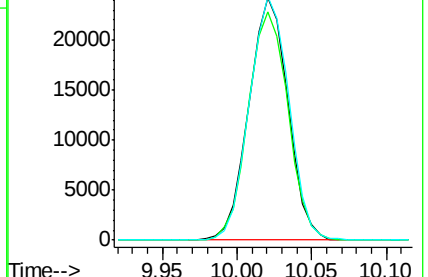
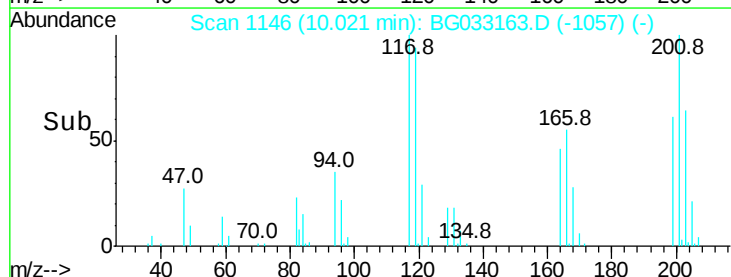
201 100.4 95.7 143.5

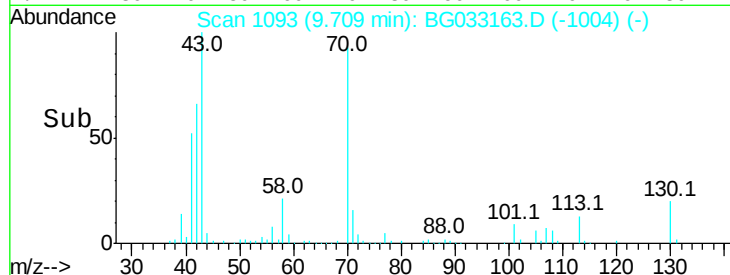
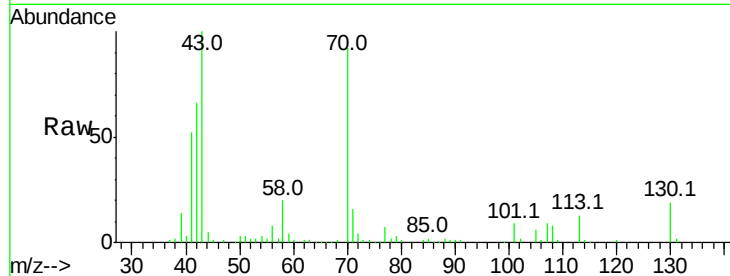
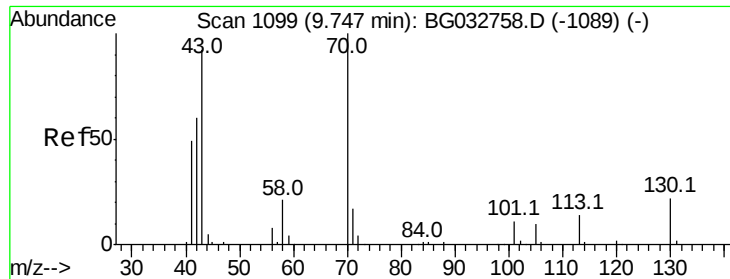


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

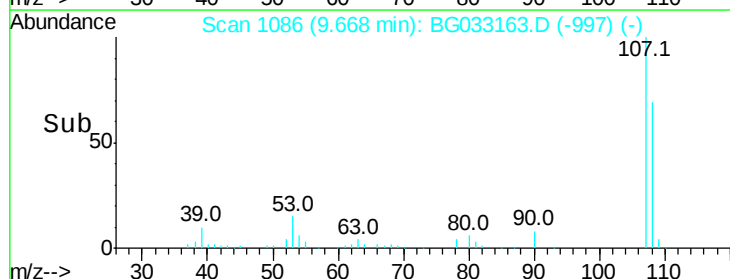
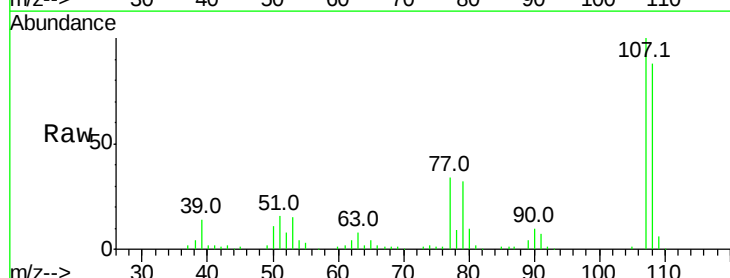
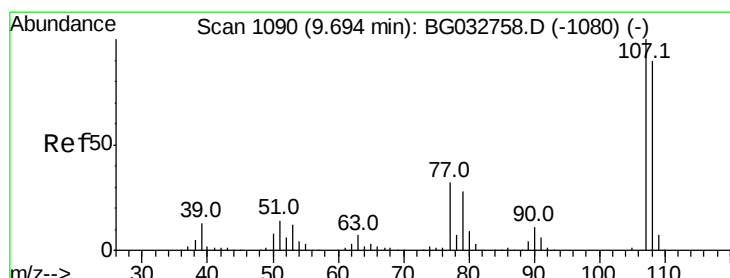
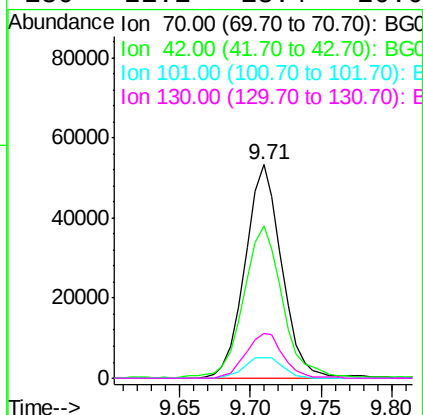




#19
n-Nitroso-di-n-propylamine
Concen: 40.671 ng
RT: 9.71 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

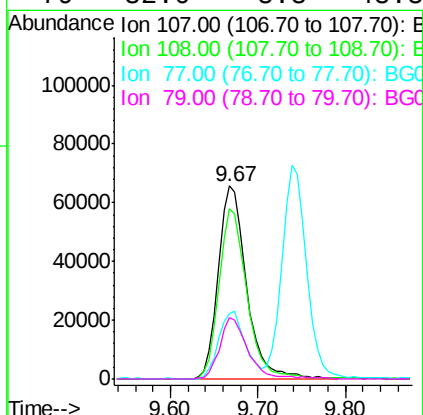
Instrument :
BNA_F
ClientSampleId :

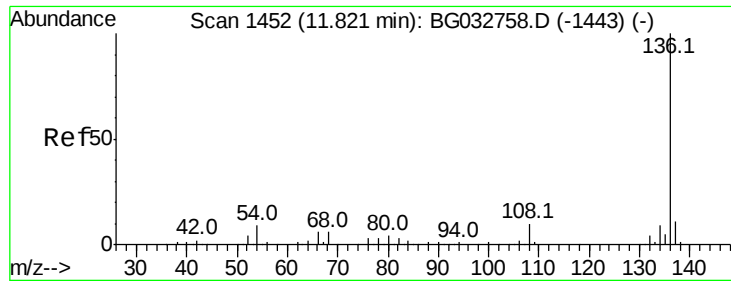
Tot Ion: 70 Resp: 96680
Ion Ratio Lower Upper
70 100
42 71.5 49.1 73.7
101 9.9 8.5 12.7
130 21.1 13.4 20.0#



#20
3+4-Methylphenols
Concen: 42.201 ng
RT: 9.67 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion:107 Resp: 146869
Ion Ratio Lower Upper
107 100
108 88.3 61.6 101.6
77 34.0 13.9 53.9
79 32.0 8.8 48.8

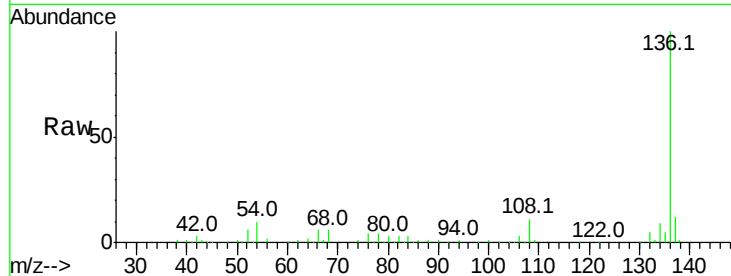




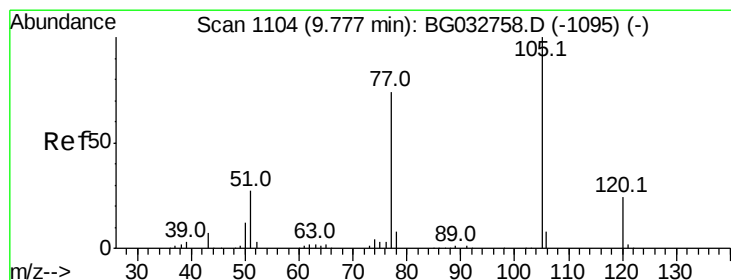
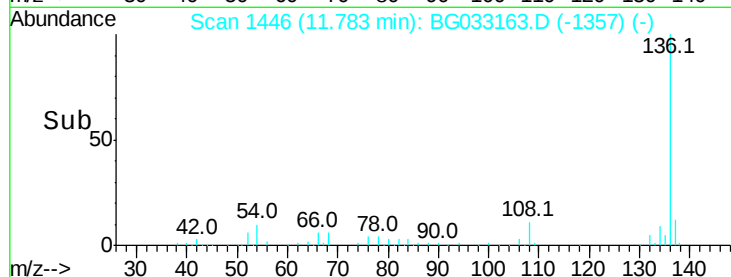
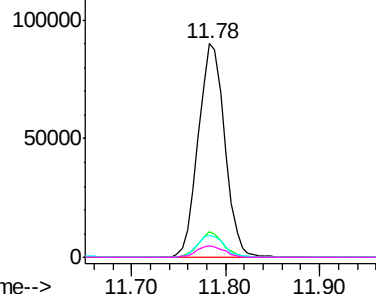
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	176432
Ion Ratio	Lower	Upper
136	100	
137	12.0	9.2 13.8
54	10.2	10.3 15.5#
68	5.6	4.5 6.7

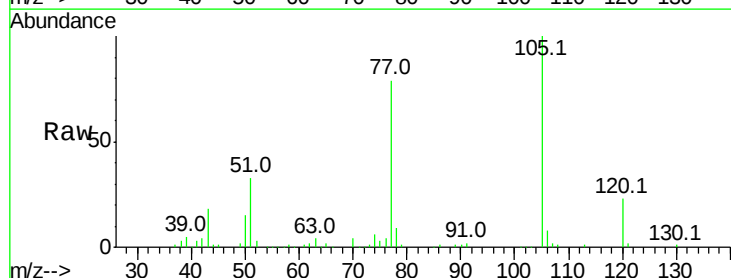


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

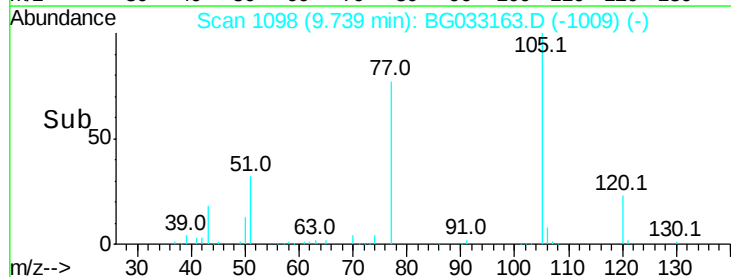
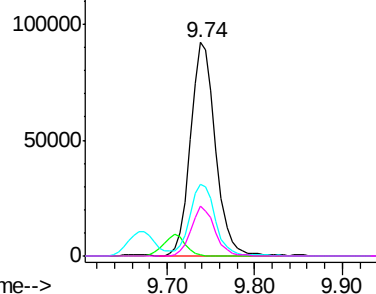


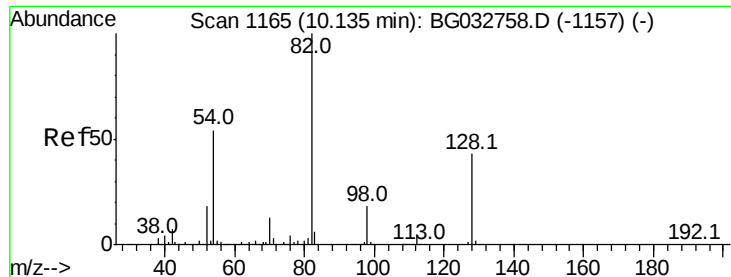
#22
Acetophenone
Concen: 40.845 ng
RT: 9.74 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion:105	Resp:	181994
Ion Ratio	Lower	Upper
105	100	
71	0.4	3.0 4.4#
51	33.4	26.1 39.1
120	23.1	17.4 26.2



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



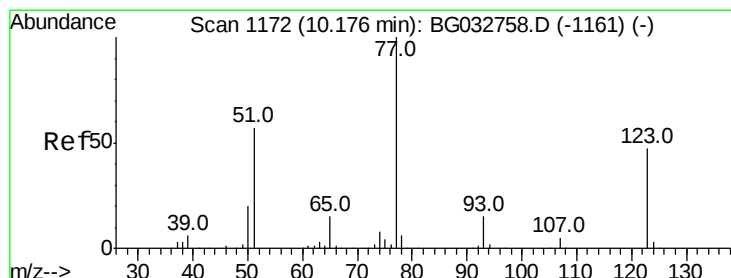
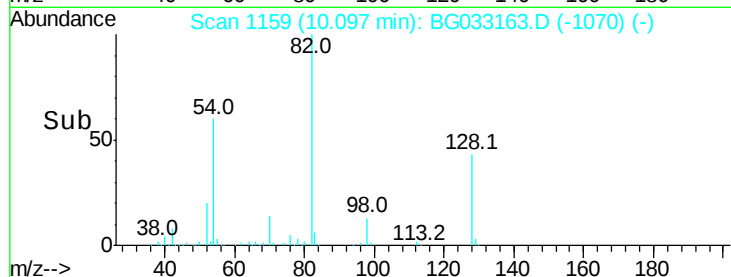
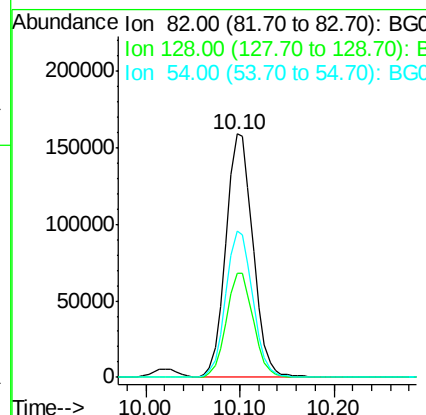
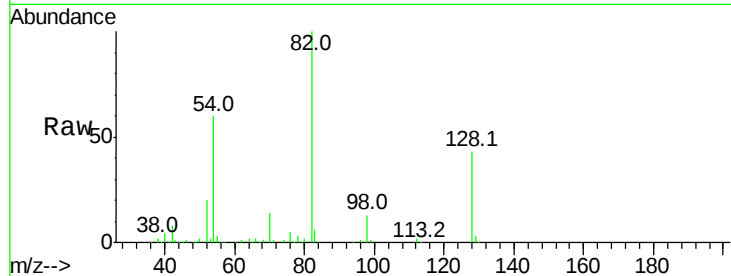


#23
 Nitrobenzene-d5
 Concen: 120.238 ng
 RT: 10.10 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 317523

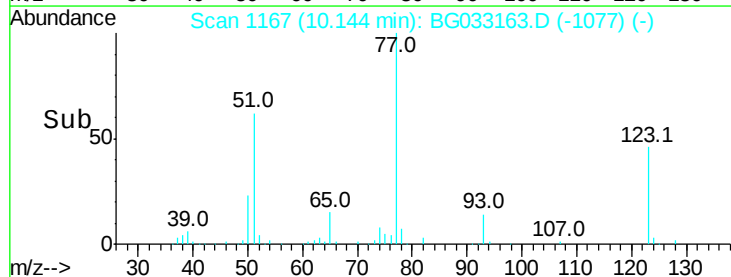
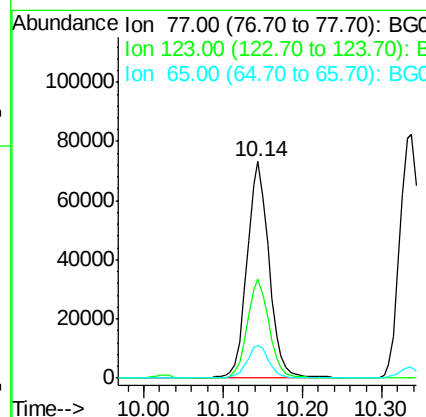
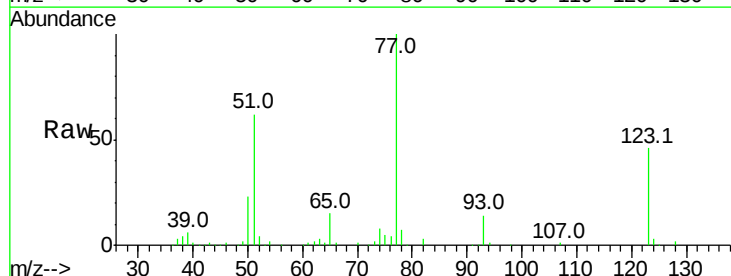
Ion	Ratio	Lower	Upper
82	100		
128	42.6	29.7	44.5
54	60.1	43.1	64.7

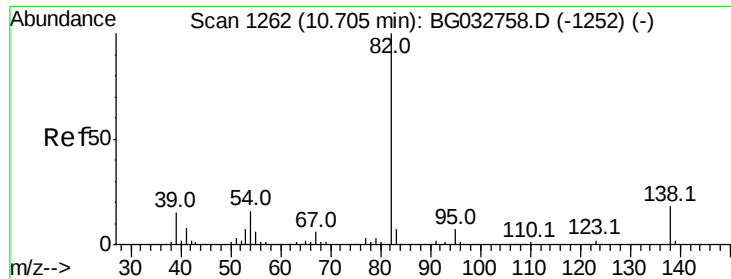


#24
 Nitrobenzene
 Concen: 49.861 ng
 RT: 10.14 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Tgt Ion: 77 Resp: 141095

Ion	Ratio	Lower	Upper
77	100		
123	45.6	33.0	49.6
65	15.1	13.0	19.6





#25

Isophorone

Concen: 45.262 ng

RT: 10.67 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Instrument :

BNA_F

ClientSampleId :

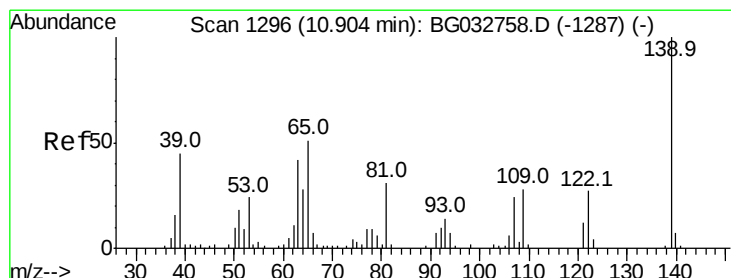
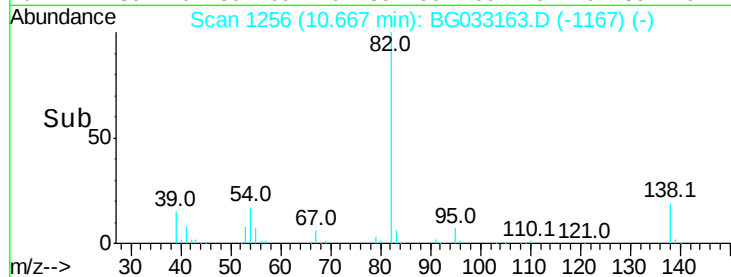
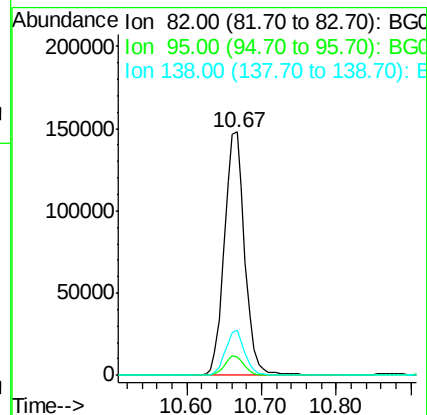
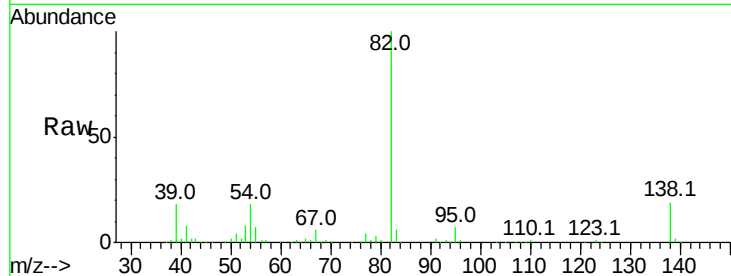
Tot Ion: 82 Resp: 280294

Ion Ratio Lower Upper

82 100

95 7.4 6.2 9.2

138 18.6 12.1 18.1#



#26

2-Nitrophenol

Concen: 61.756 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

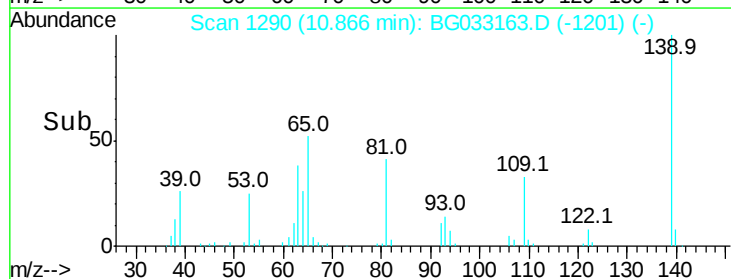
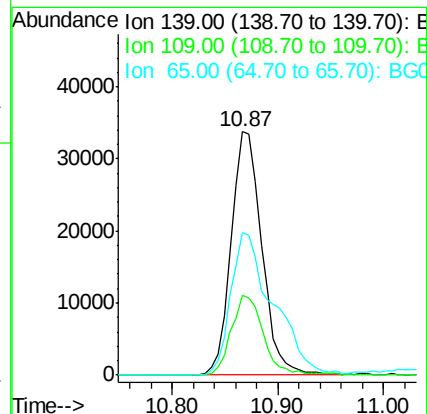
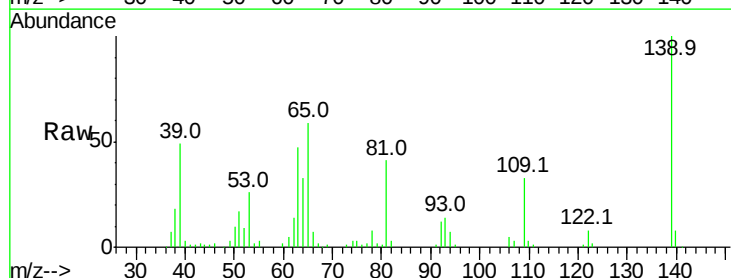
Tgt Ion: 139 Resp: 67683

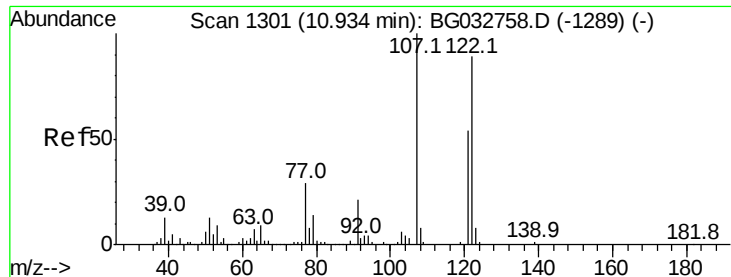
Ion Ratio Lower Upper

139 100

109 33.0 24.2 36.2

65 58.5 47.4 71.0

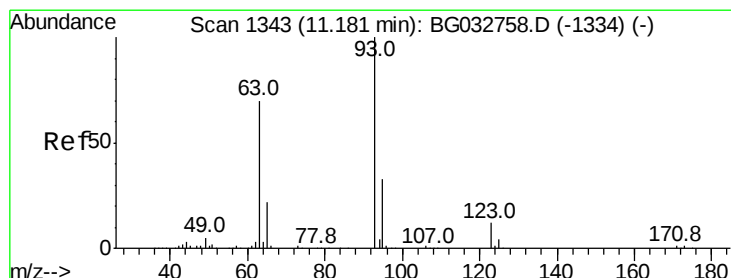
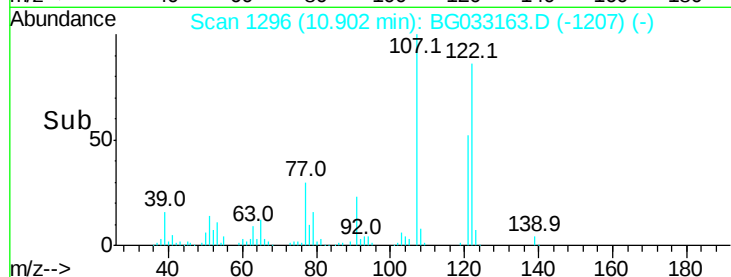
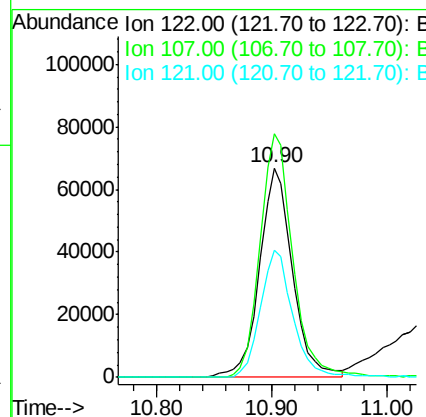
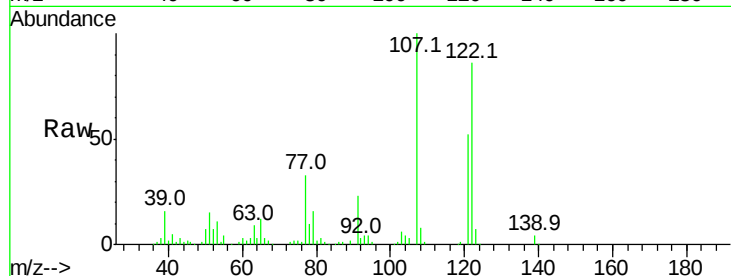




#27
2,4-Dimethylphenol
Concen: 49.441 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

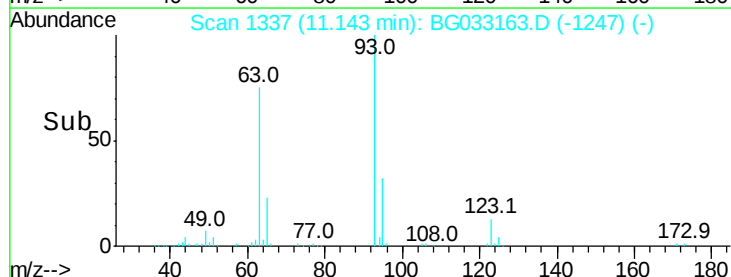
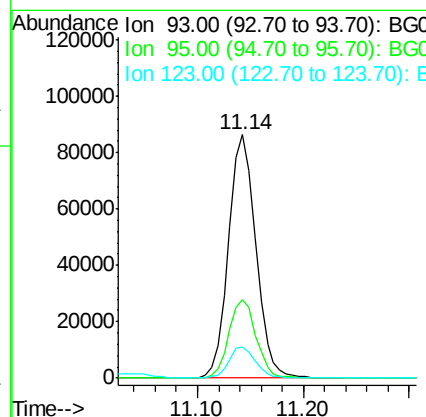
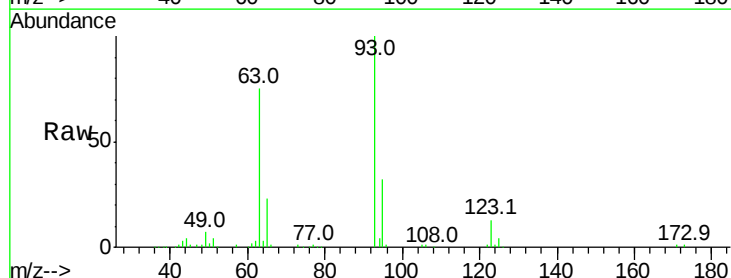
Instrument :
BNA_F
ClientSampled :

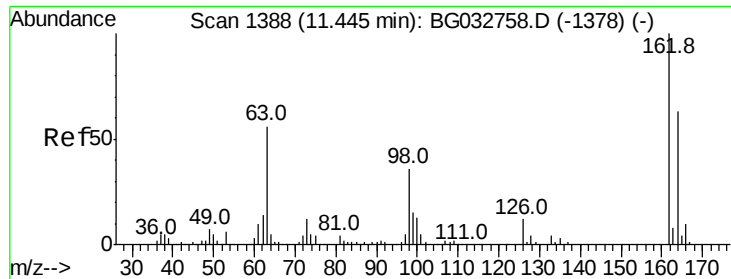
Tot Ion:122 Resp: 133005
Ion Ratio Lower Upper
122 100
107 116.3 100.2 150.2
121 61.0 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 43.030 ng
RT: 11.14 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion: 93 Resp: 155234
Ion Ratio Lower Upper
93 100
95 32.1 24.3 36.5
123 12.6 8.4 12.6

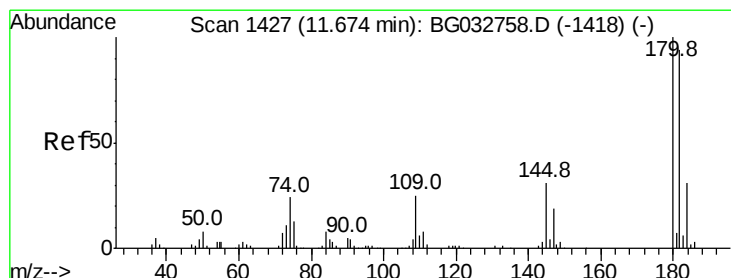
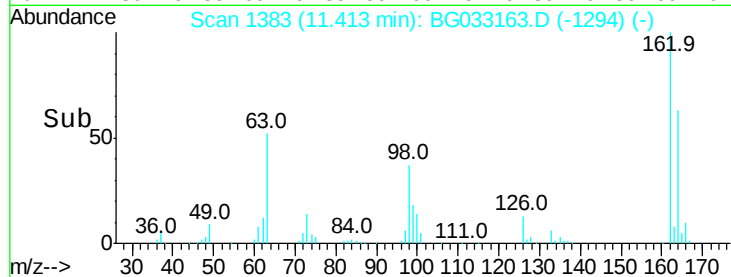
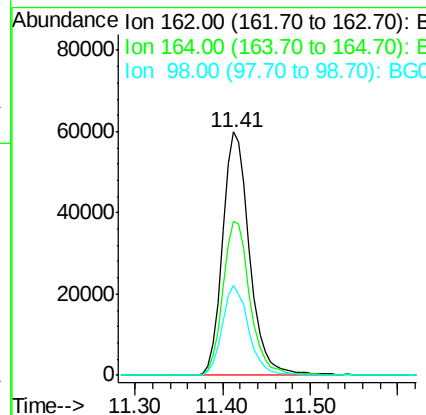
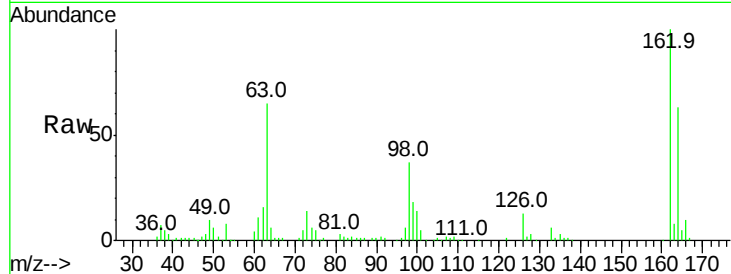




#29
 2,4-Dichlorophenol
 Concen: 52.054 ng
 RT: 11.41 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

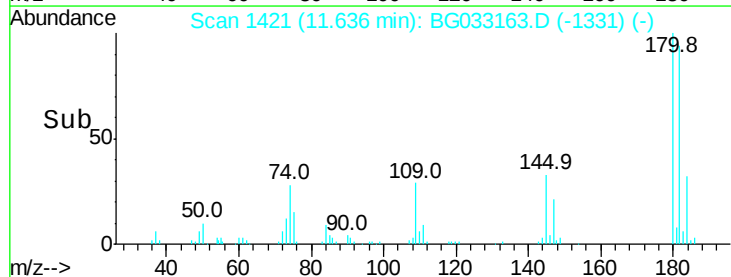
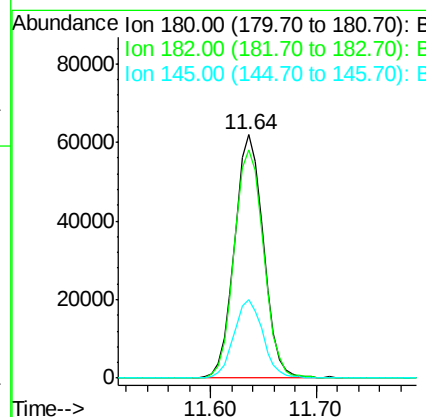
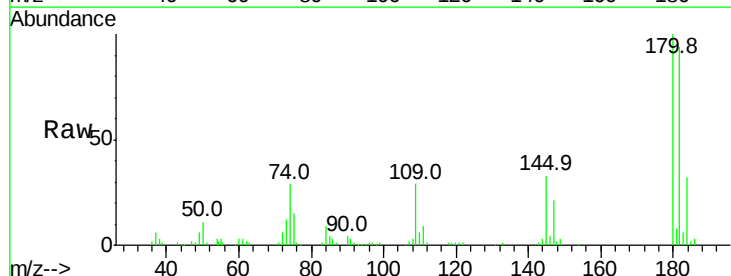
Instrument :
 BNA_F
 ClientSampleId :

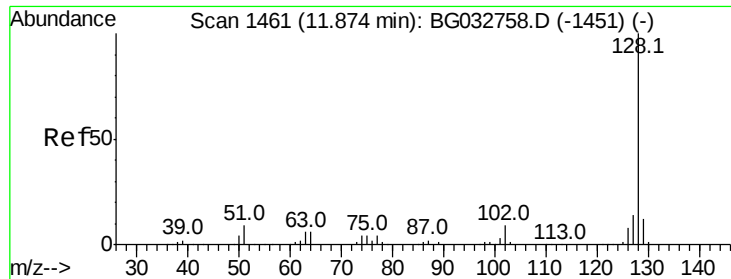
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	48.0	88.0
98	36.9	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.712 ng
 RT: 11.64 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.5	116.3
145	32.5	23.4	35.2

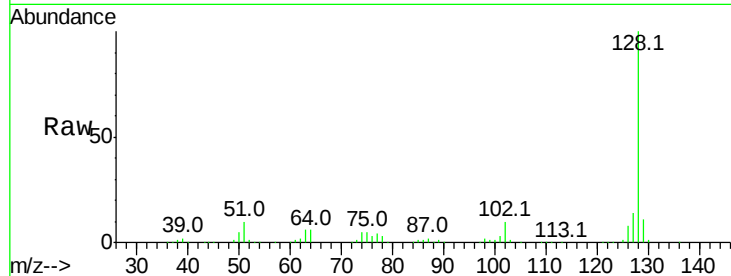




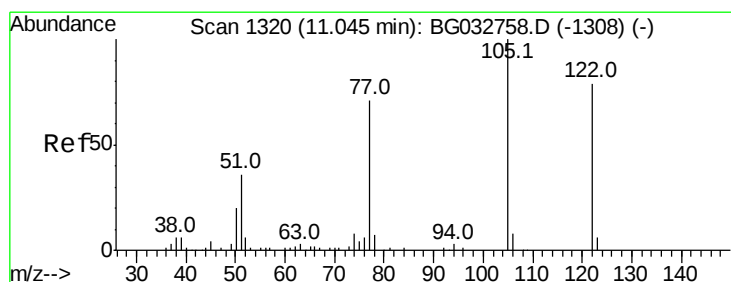
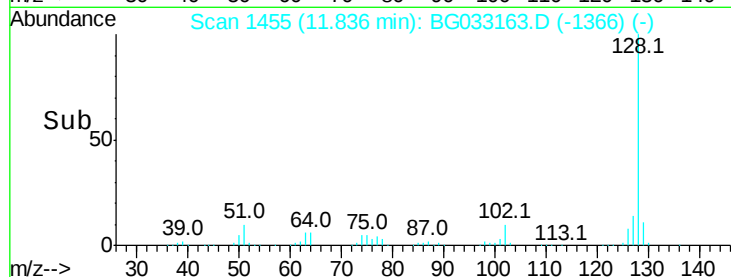
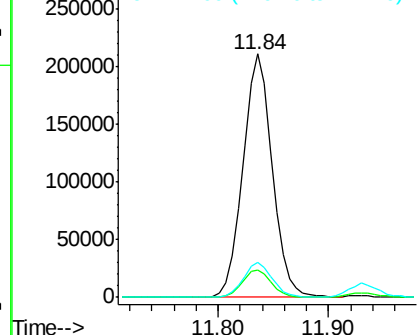
#31
Naphthalene
Concen: 42.684 ng
RT: 11.84 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 393509
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 14.2 11.6 17.4

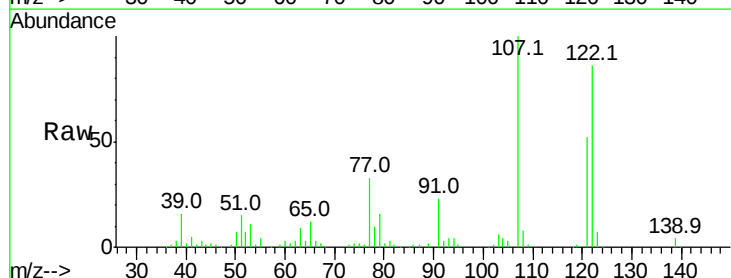


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

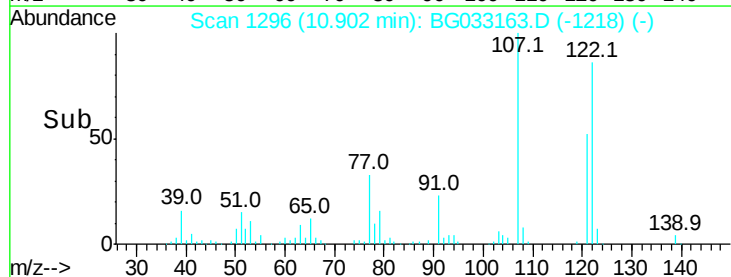
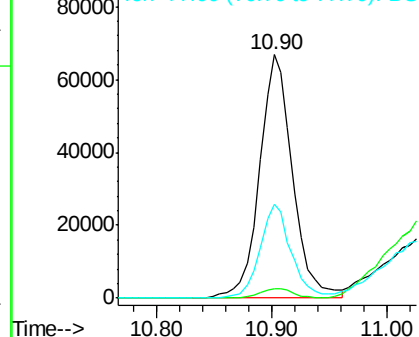


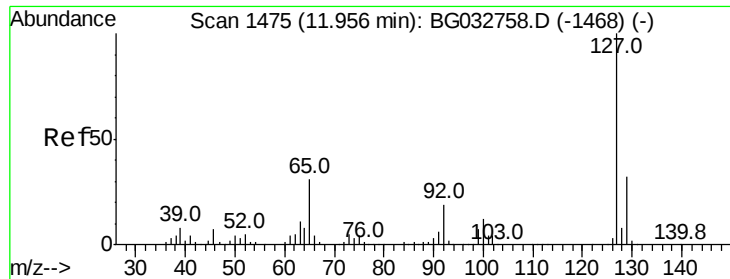
#32
Benzoic acid
Concen: 67.482 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.07 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion:122 Resp: 133005
Ion Ratio Lower Upper
122 100
105 3.7 123.5 163.5#
77 38.5 85.7 125.7#



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

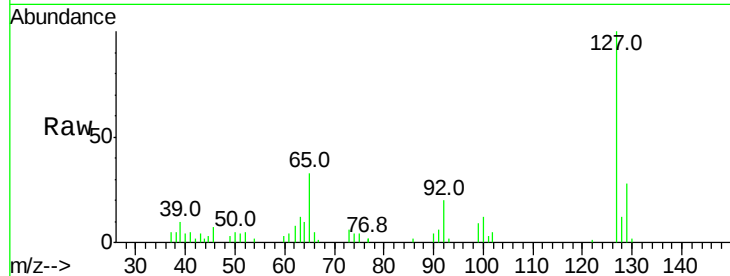




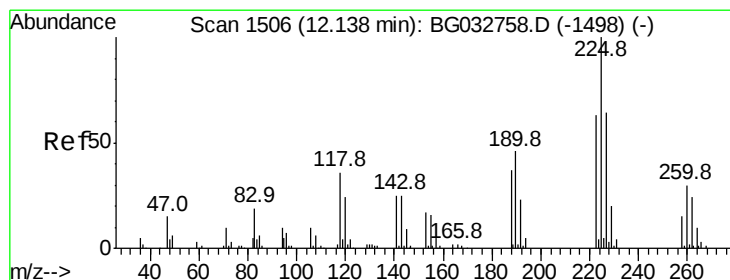
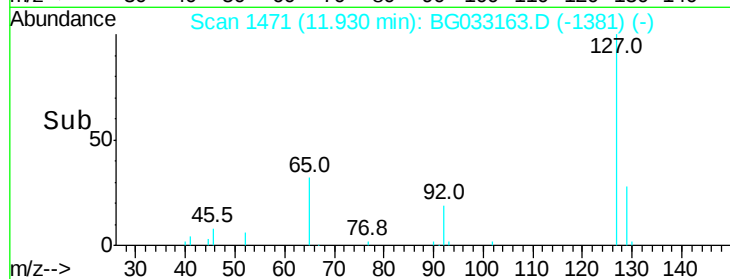
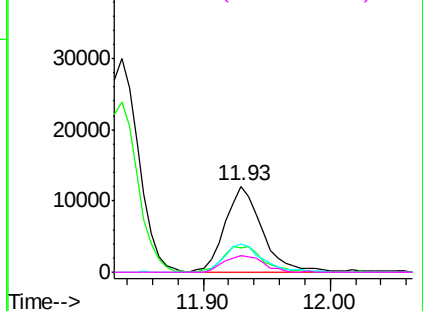
#33
4-Chloroaniline
Concen: 5.950 ng
RT: 11.93 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	24525
Ion	Ratio	Lower	Upper
127	100		
129	28.1	24.0	36.0
65	33.3	27.0	40.4
92	19.7	16.6	25.0

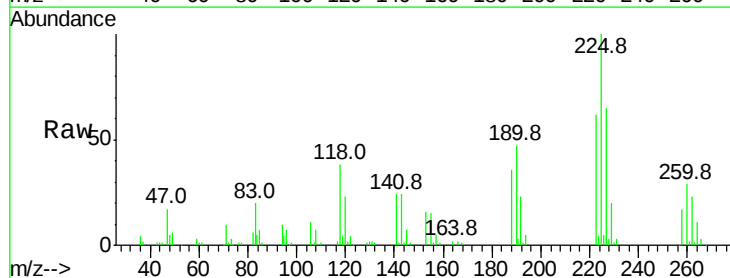


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

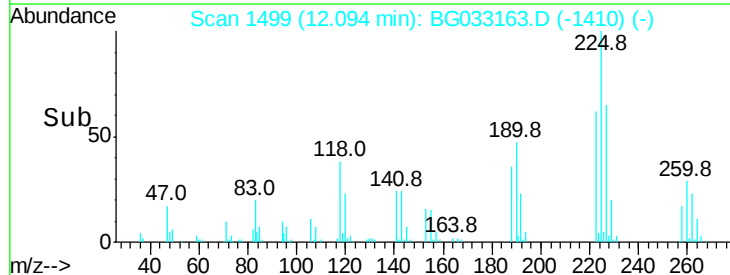
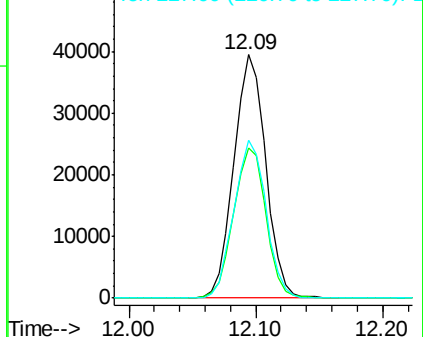


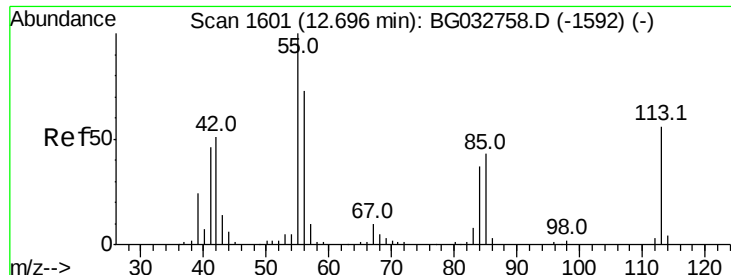
#34
Hexachlorobutadiene
Concen: 42.606 ng
RT: 12.09 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion:	225	Resp:	68398
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.7	74.5
227	64.6	48.1	72.1



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: 40.574 ng

RT: 12.68 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Instrument :

BNA_F

ClientSampleId :

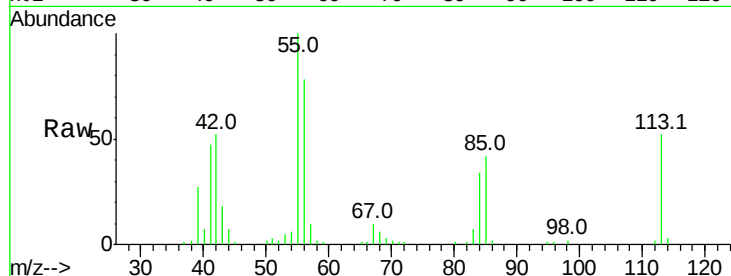
Tot Ion:113 Resp: 39667

Ion Ratio Lower Upper

113 100

55 191.3 186.9 226.9

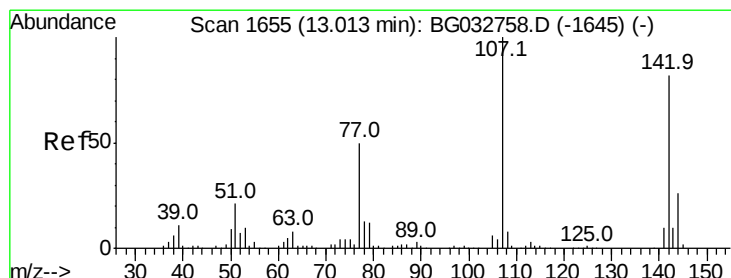
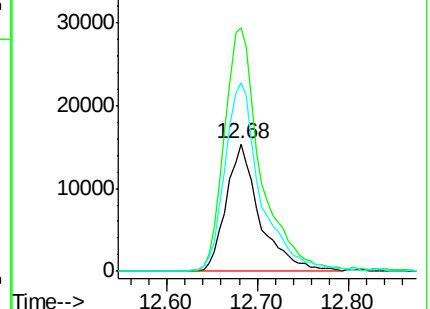
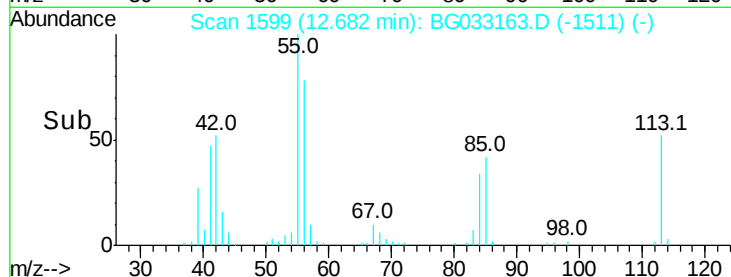
56 148.5 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 55.808 ng

RT: 13.00 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

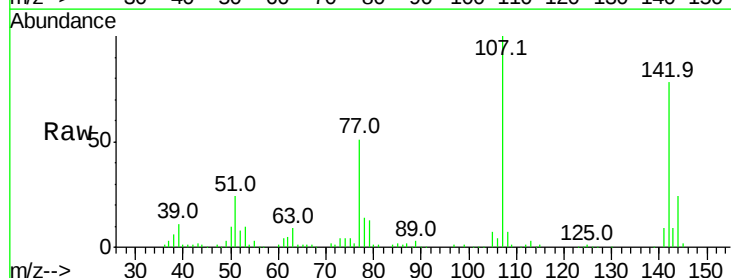
Tgt Ion:107 Resp: 158567

Ion Ratio Lower Upper

107 100

144 24.4 18.2 27.4

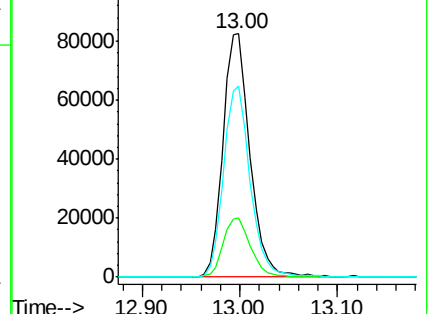
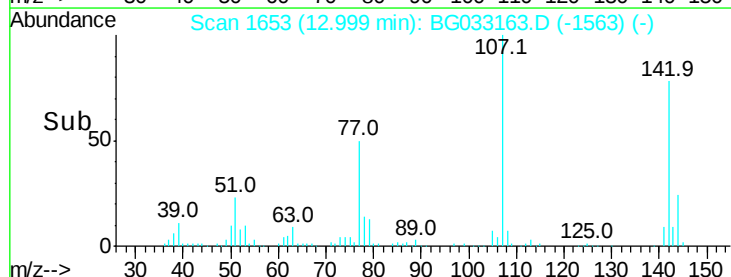
142 78.4 59.0 88.4

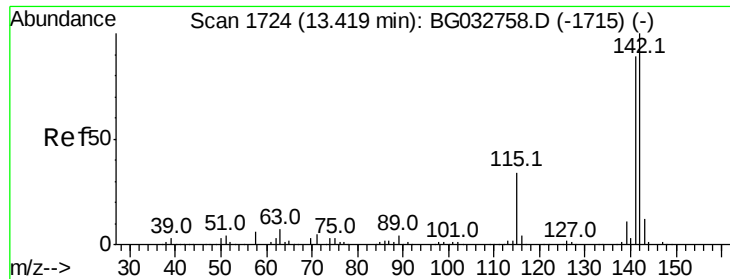


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

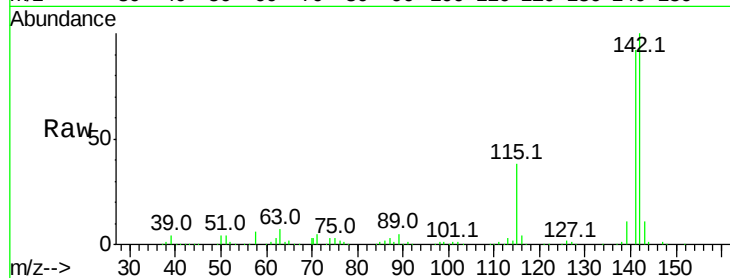




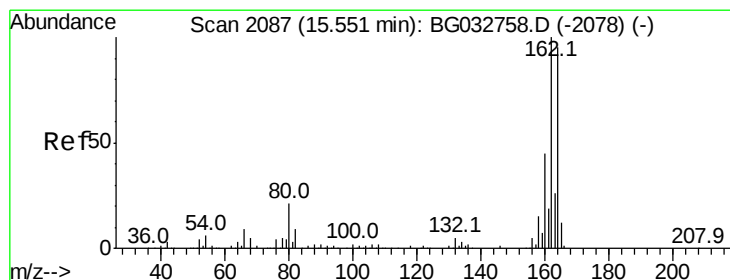
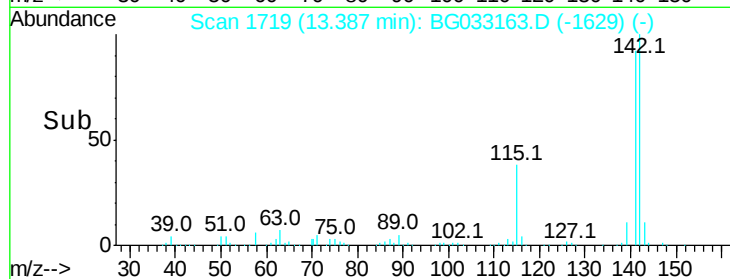
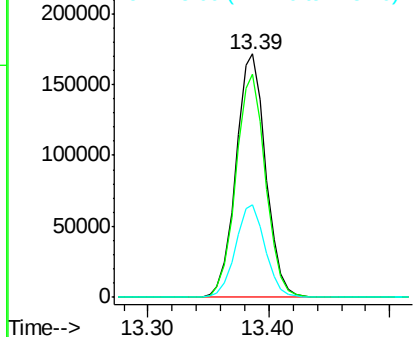
#37
2-Methylnaphthalene
Concen: 44.134 ng
RT: 13.39 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 294369
Ion Ratio Lower Upper
142 100
141 91.8 67.1 100.7
115 37.9 30.7 46.1

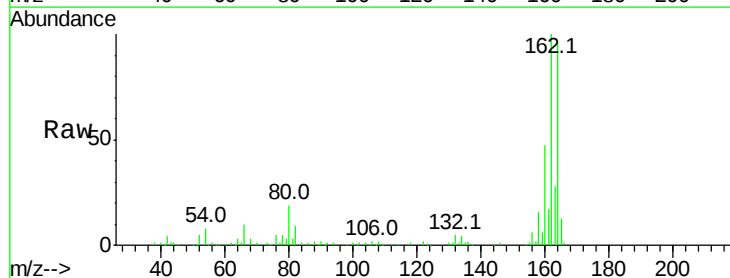


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

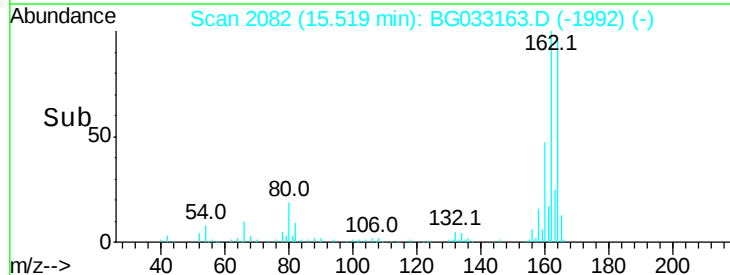
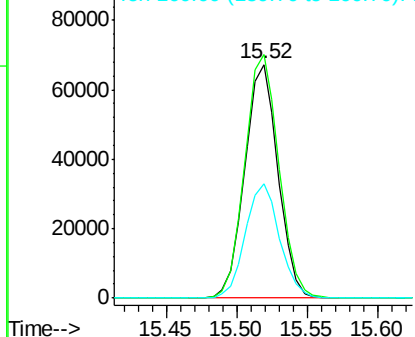


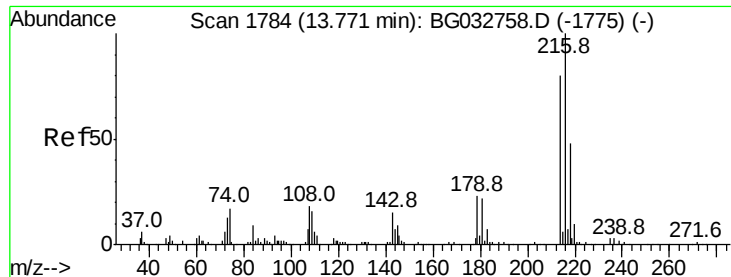
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion:164 Resp: 111139
Ion Ratio Lower Upper
164 100
162 104.3 78.8 118.2
160 48.9 35.4 53.0



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.500 ng

RT: 13.74 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BG033163.D

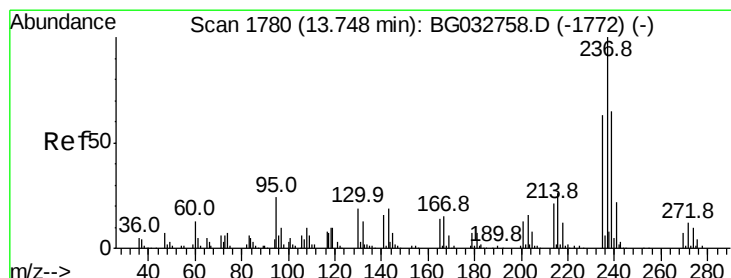
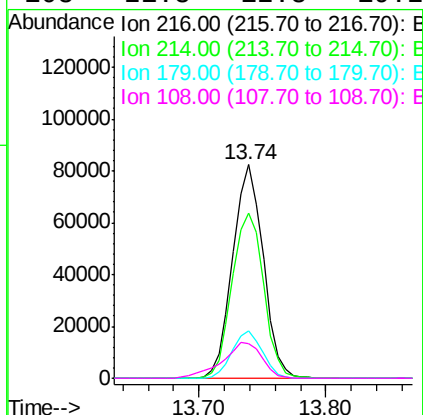
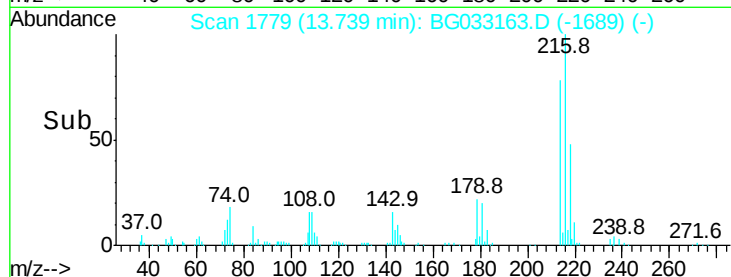
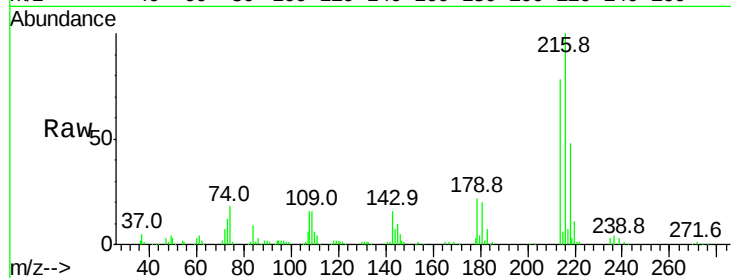
Acq: 15 Mar 2018 3:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	136917
Ion Ratio	Lower	Upper	
216	100		
214	80.1	63.0	94.4
179	22.1	17.0	25.6
108	21.8	12.8	19.2#



#40

Hexachlorocyclopentadiene

Concen: 98.252 ng

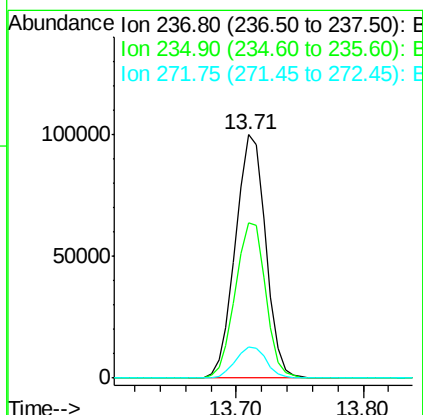
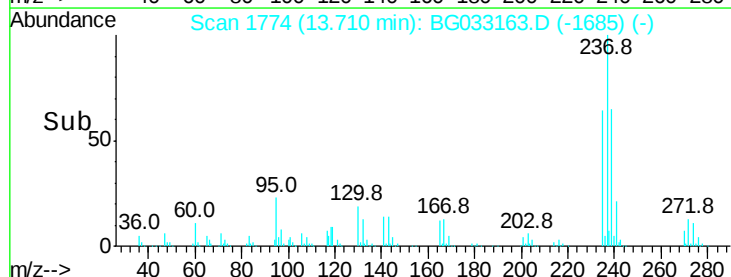
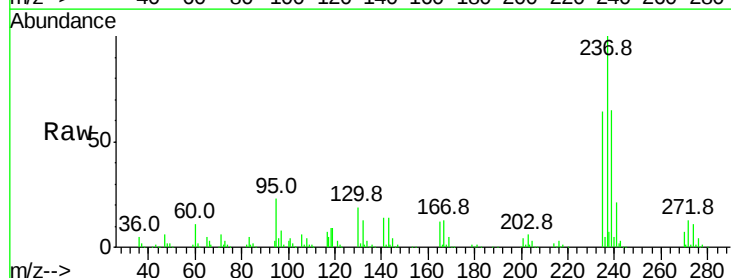
RT: 13.71 min Scan# 1774

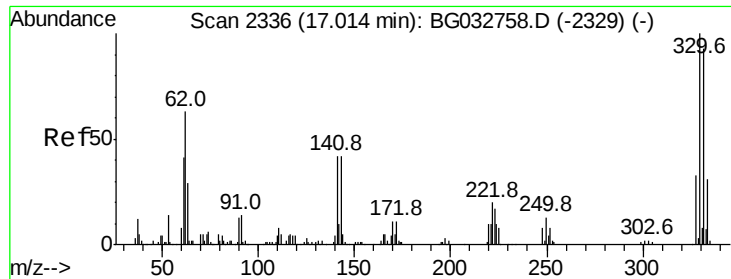
Delta R.T. -0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Tgt Ion:	237	Resp:	165199
Ion Ratio	Lower	Upper	
237	100		
235	64.0	50.4	90.4
272	13.0	0.0	31.8

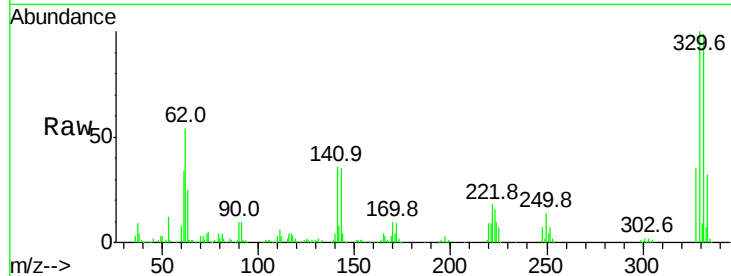




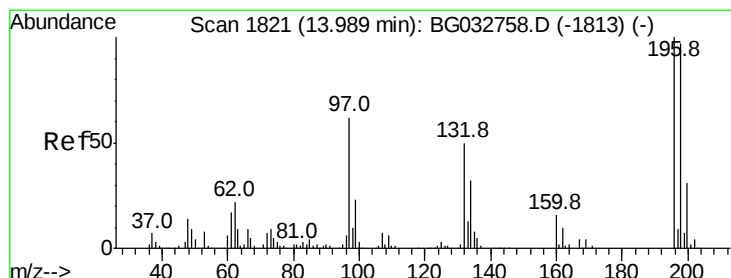
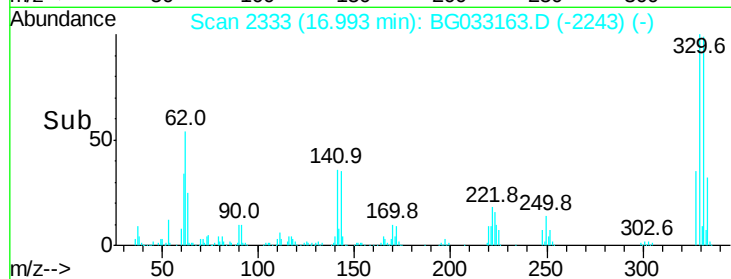
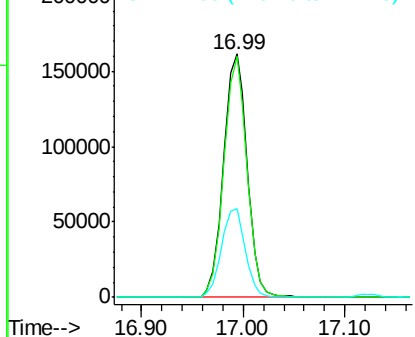
#41
 2,4,6-Tribromophenol
 Concen: 223.275 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 260917
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 36.9 25.2 37.8

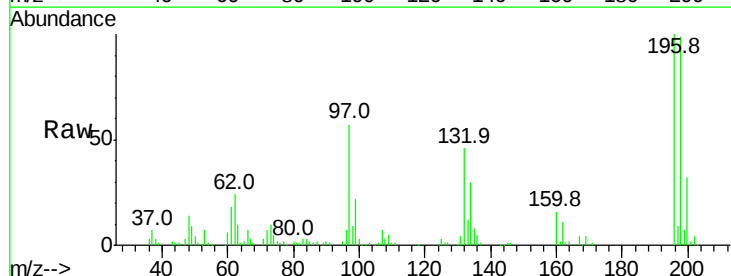


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

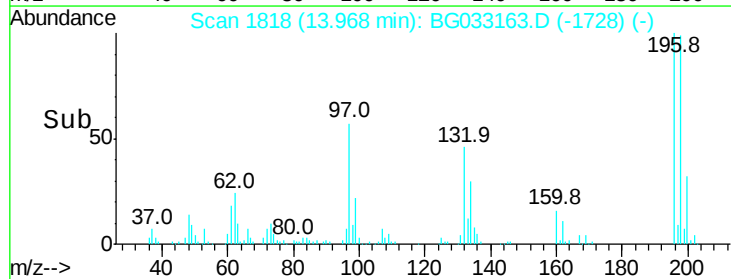
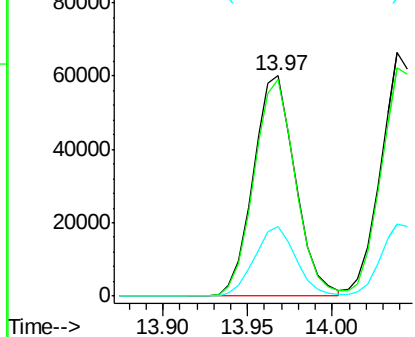


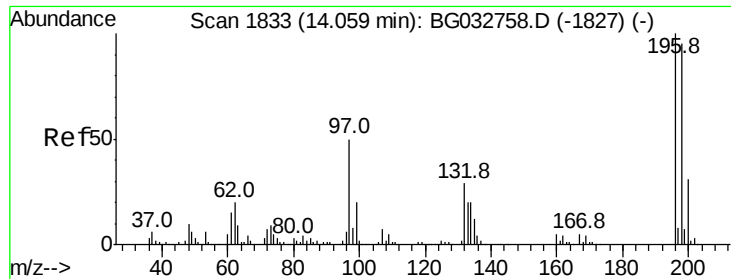
#42
 2,4,6-Trichlorophenol
 Concen: 50.013 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Tgt Ion:196 Resp: 104056
 Ion Ratio Lower Upper
 196 100
 198 98.5 78.2 117.2
 200 31.6 24.6 36.8



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

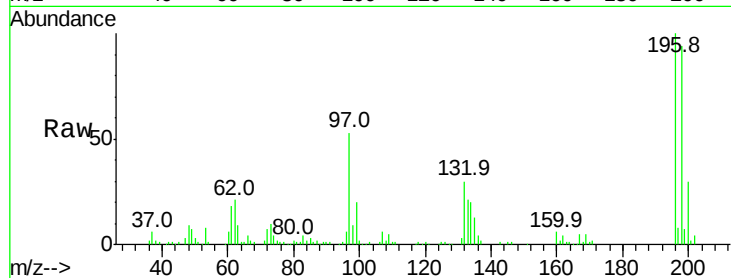




#43
 2,4,5-Trichlorophenol
 Concen: 49.768 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	119844
Ion	Ratio	Lower	Upper
196	100		
198	93.9	76.2	114.4
97	53.1	38.7	58.1
132	29.9	20.2	30.2



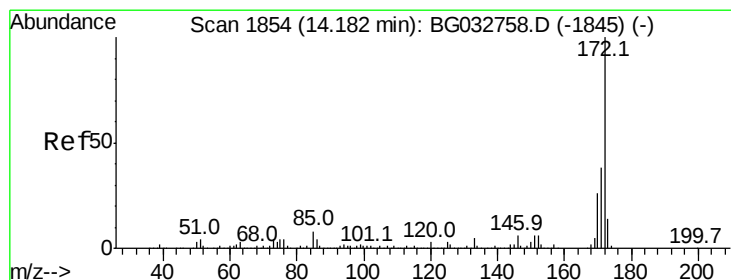
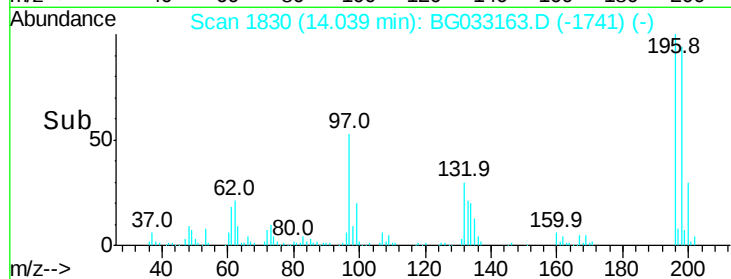
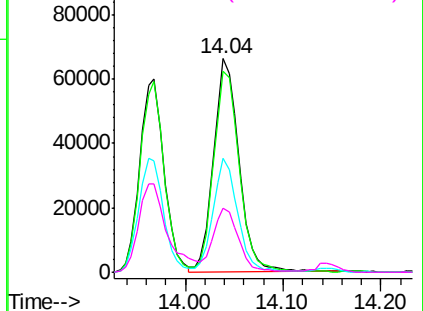
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

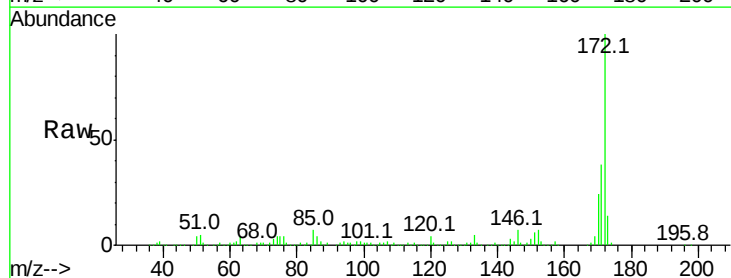
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.432 ng
 RT: 14.14 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Tgt Ion:	172	Resp:	719984
Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.5	19.5	29.3

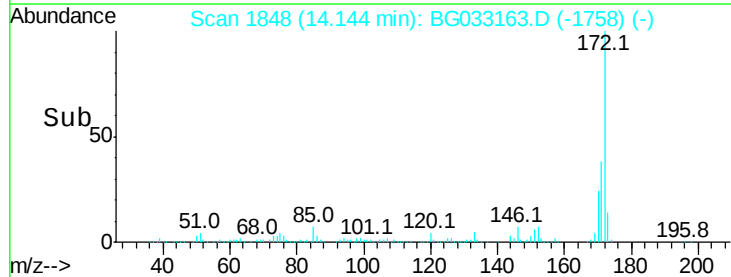
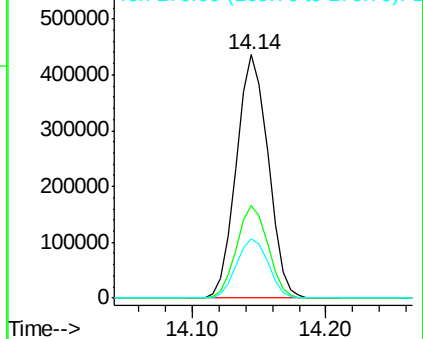


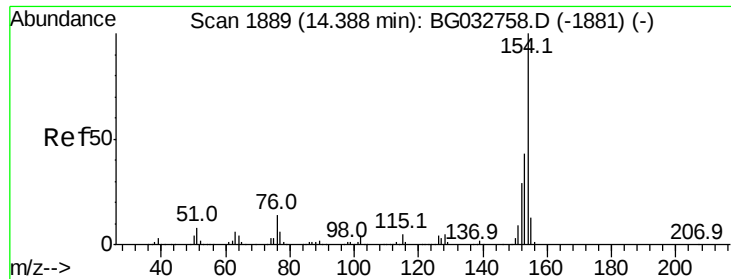
Abundance

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

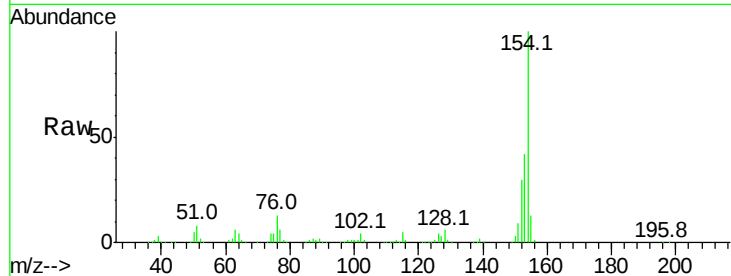




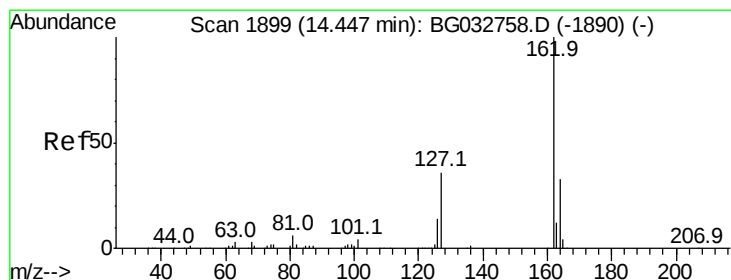
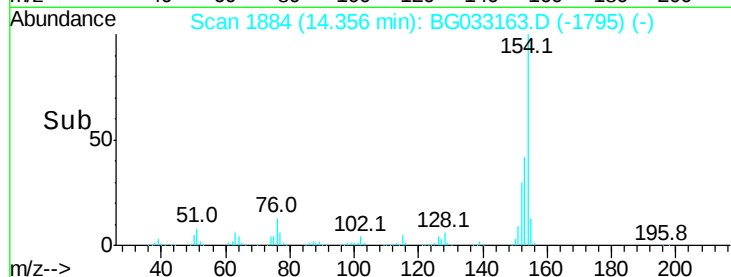
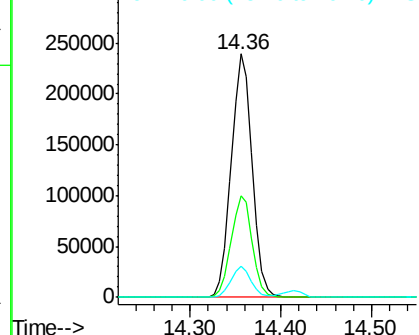
#45
1,1'-Biphenyl
Concen: 39.375 ng
RT: 14.36 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 382401
Ion Ratio Lower Upper
154 100
153 41.8 19.8 59.8
76 12.7 0.0 31.9

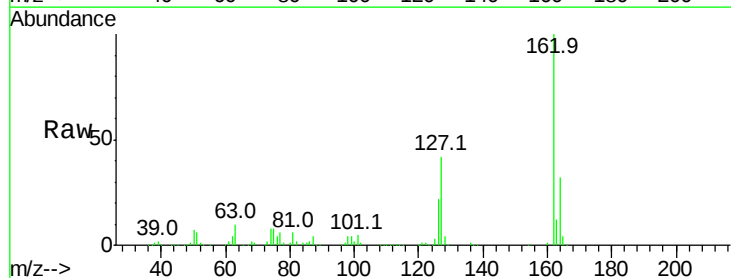


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B

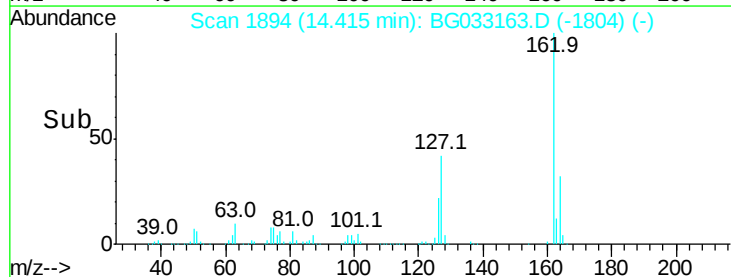
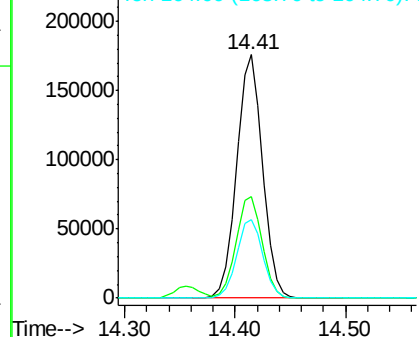


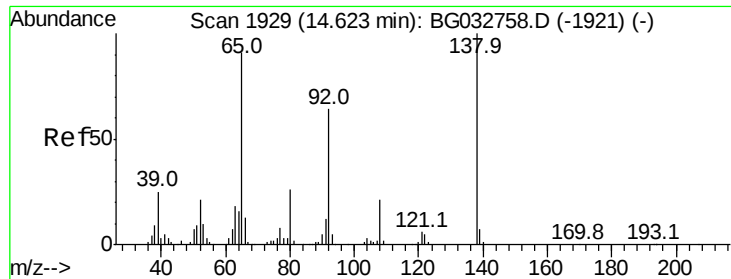
#46
2-Chloronaphthalene
Concen: 39.837 ng
RT: 14.41 min Scan# 1894
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion:162 Resp: 289009
Ion Ratio Lower Upper
162 100
127 41.6 30.7 46.1
164 32.4 26.0 39.0



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

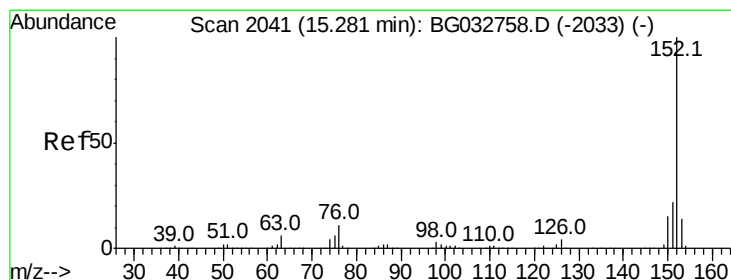
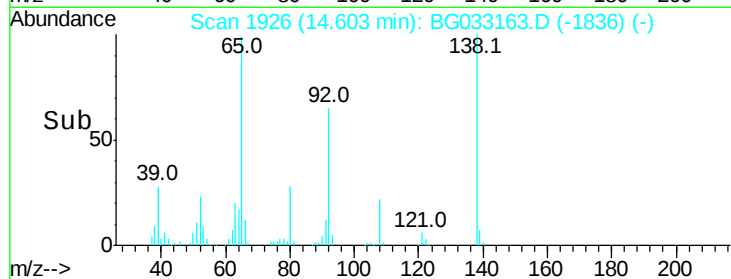
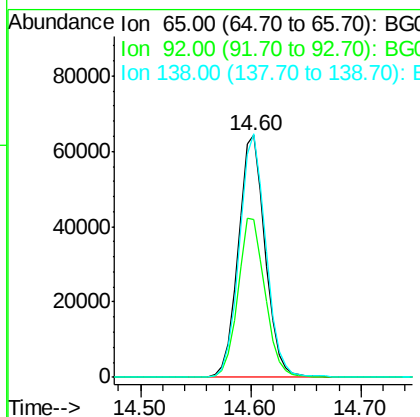
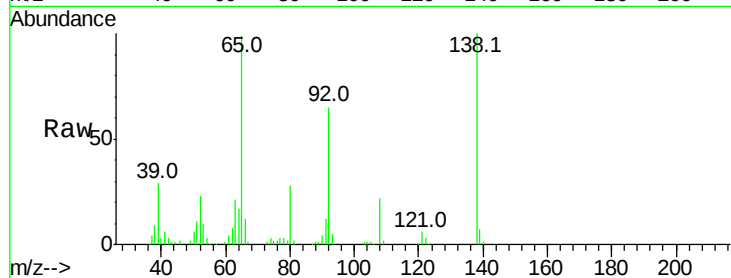




#47
2-Nitroaniline
Concen: 57.699 ng
RT: 14.60 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

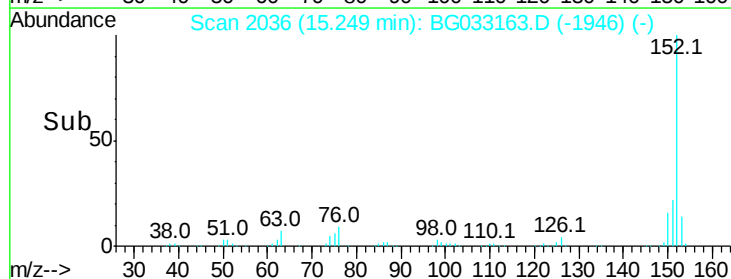
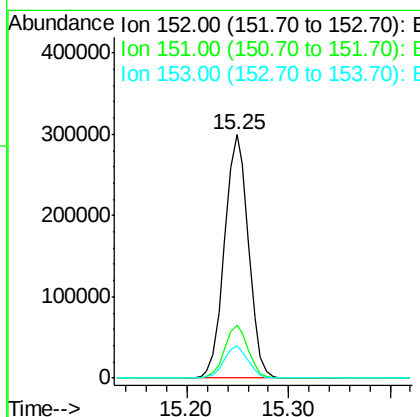
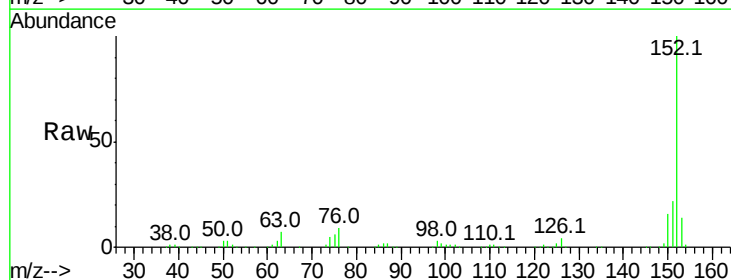
Instrument :
BNA_F
ClientSampleId :

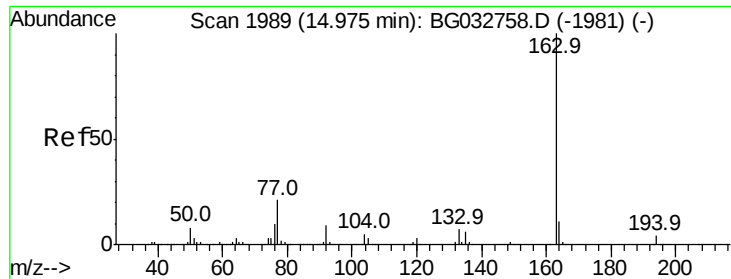
Tot Ion: 65 Resp: 110139
Ion Ratio Lower Upper
65 100
92 65.3 54.6 82.0
138 100.7 72.9 109.3



#48
Acenaphthylene
Concen: 41.114 ng
RT: 15.25 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion: 152 Resp: 488327
Ion Ratio Lower Upper
152 100
151 21.9 17.2 25.8
153 13.5 10.2 15.4





#49

Dimethylphthalate

Concen: 43.574 ng

RT: 14.94 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Instrument :

BNA_F

ClientSampleId :

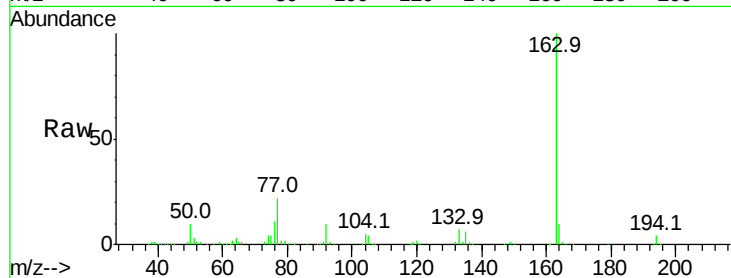
Tot Ion:163 Resp: 411197

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

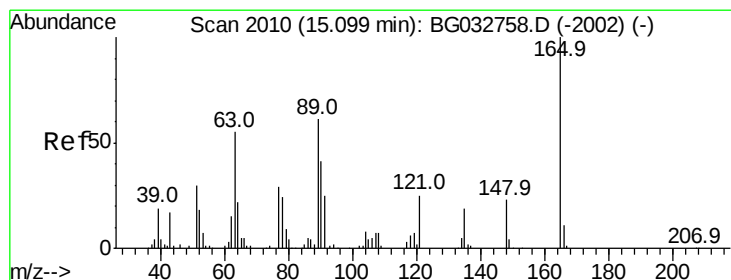
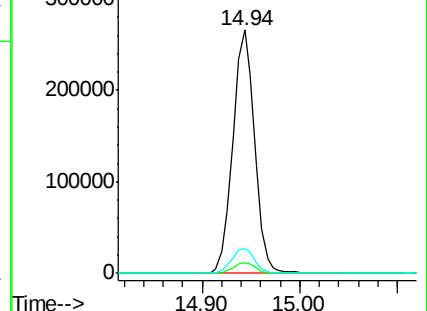
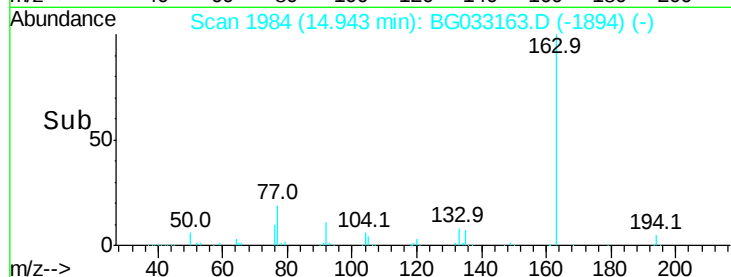
164 10.1 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 55.612 ng

RT: 15.07 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

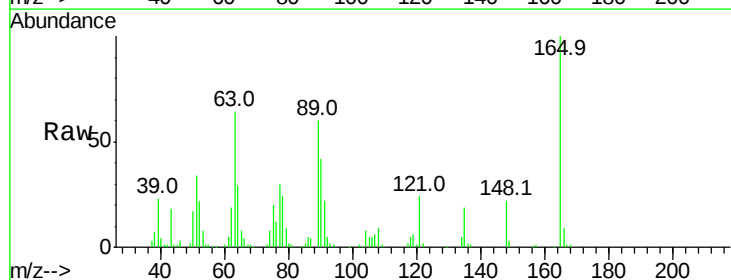
Tgt Ion:165 Resp: 89568

Ion Ratio Lower Upper

165 100

63 63.6 52.7 79.1

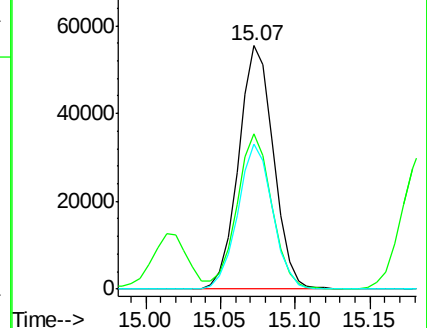
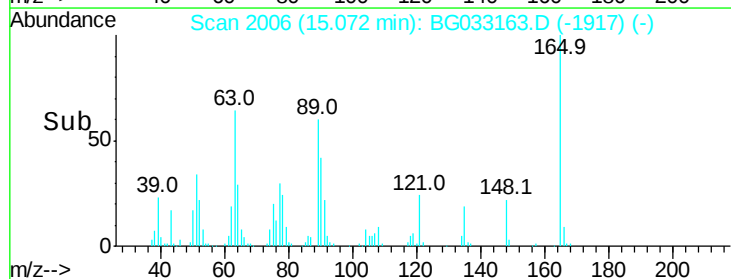
89 59.6 49.2 73.8

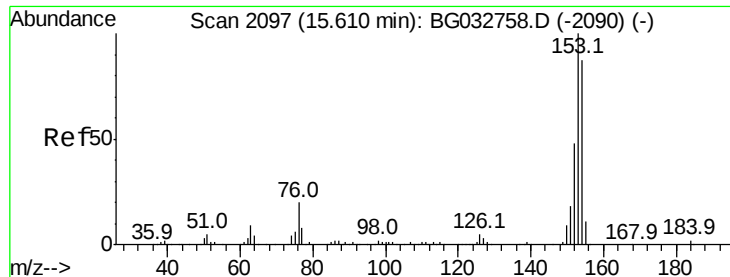


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 46.653 ng

RT: 15.58 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Instrument :

BNA_F

ClientSampleId :

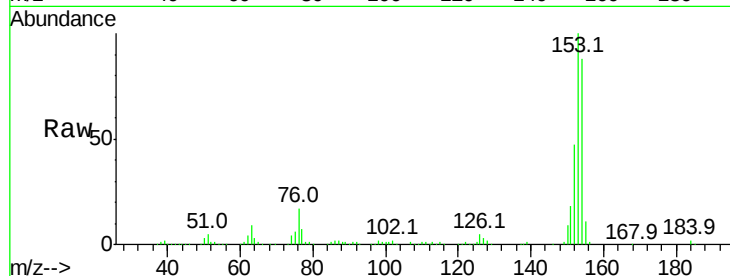
Tot Ion:154 Resp: 345099

Ion Ratio Lower Upper

154 100

153 113.9 90.4 135.6

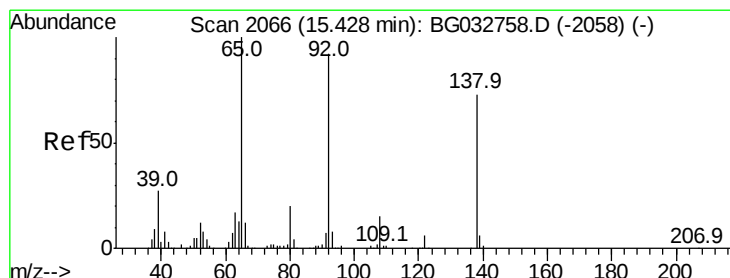
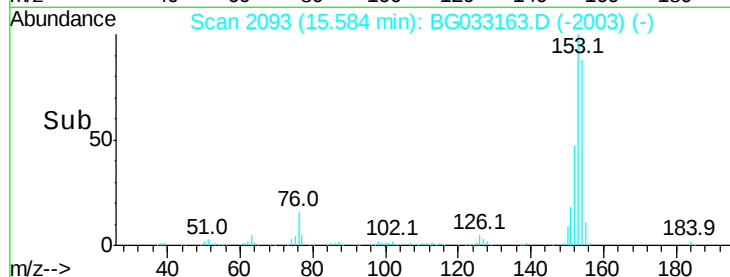
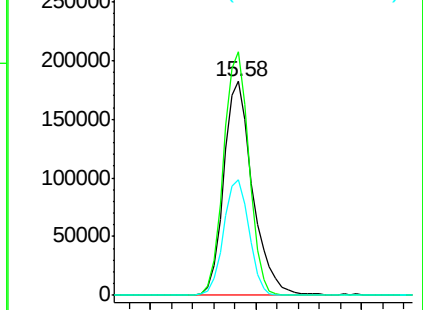
152 53.8 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.727 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

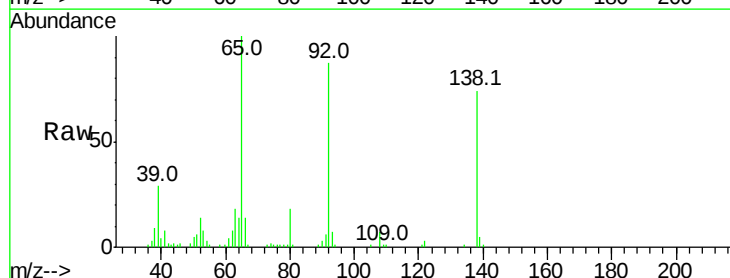
Tgt Ion:138 Resp: 27933

Ion Ratio Lower Upper

138 100

108 10.0 17.5 26.3#

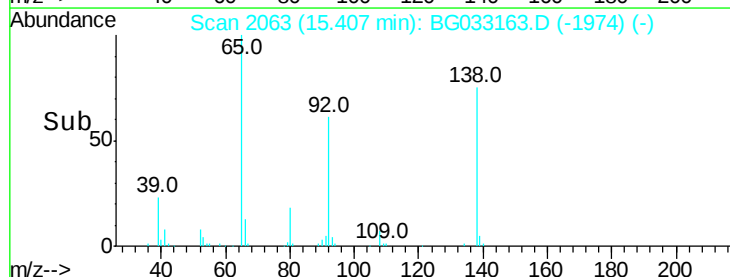
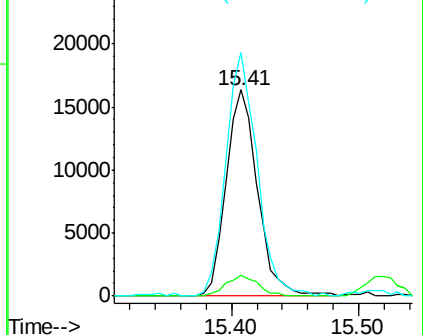
92 118.0 105.8 158.8

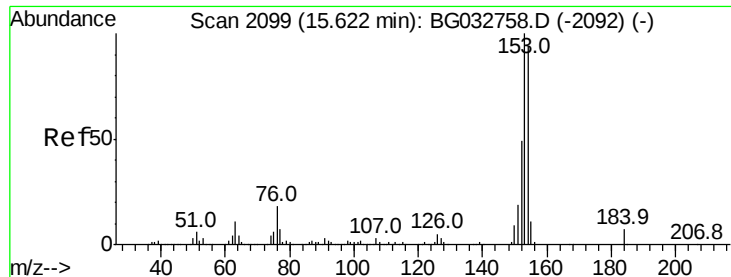


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

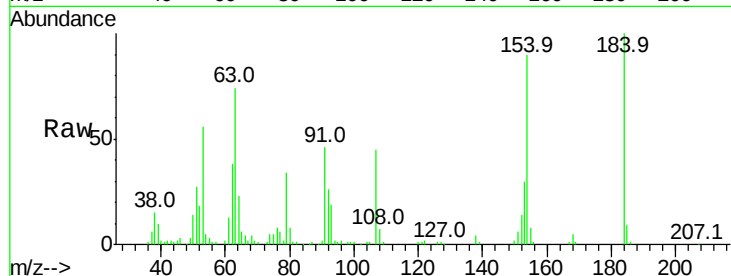




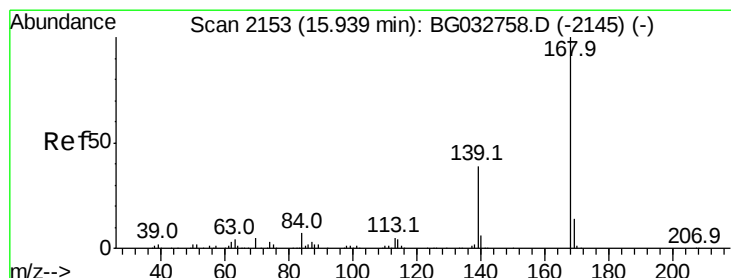
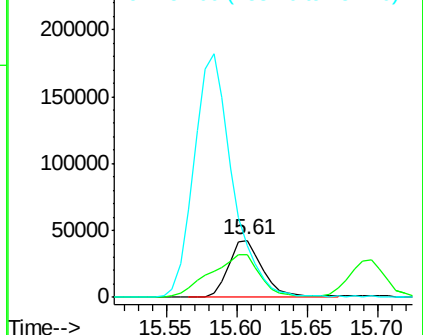
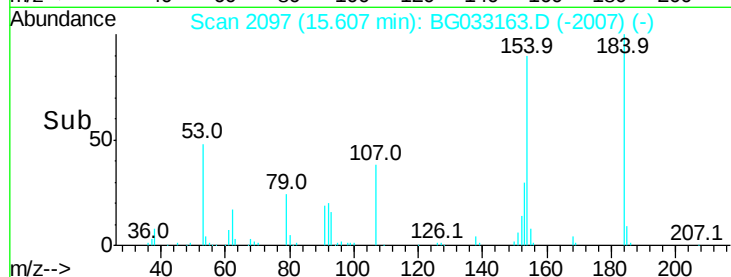
#53
2,4-Dinitrophenol
Concen: 122.188 ng
RT: 15.61 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 72358
Ion Ratio Lower Upper
184 100
63 74.1 59.8 89.8
154 90.5 101.8 152.8#

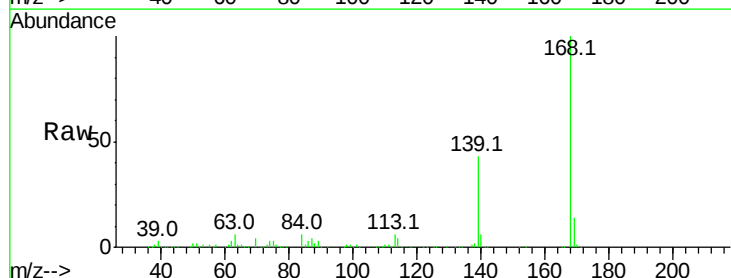


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

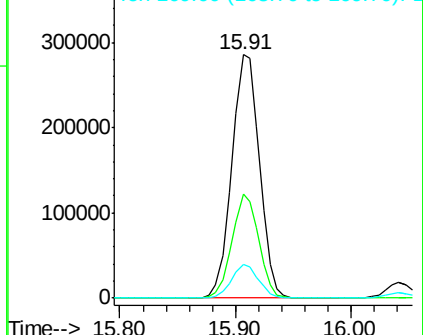
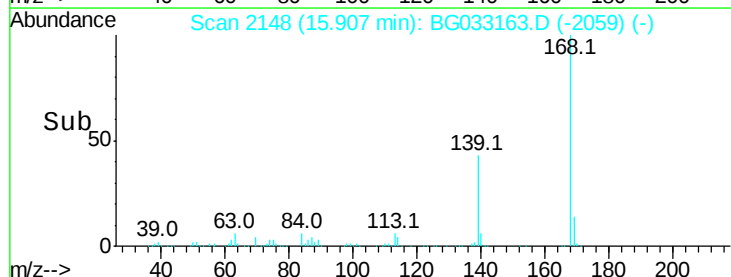


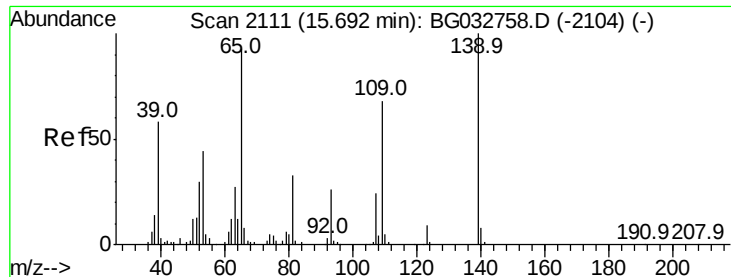
#54
Dibenzofuran
Concen: 44.823 ng
RT: 15.91 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion:168 Resp: 472103
Ion Ratio Lower Upper
168 100
139 42.7 28.6 43.0
169 13.8 11.2 16.8



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

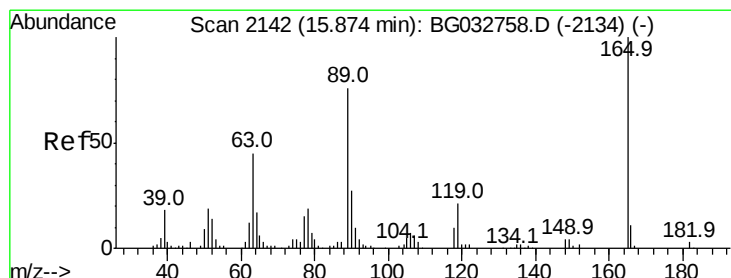
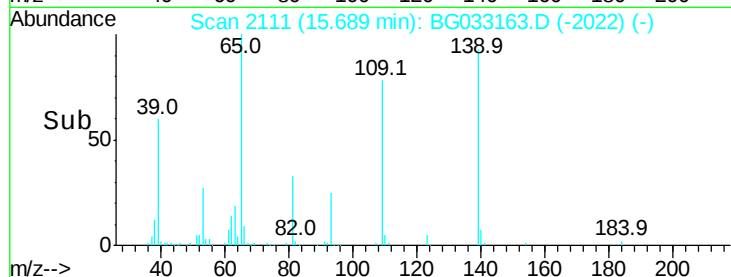
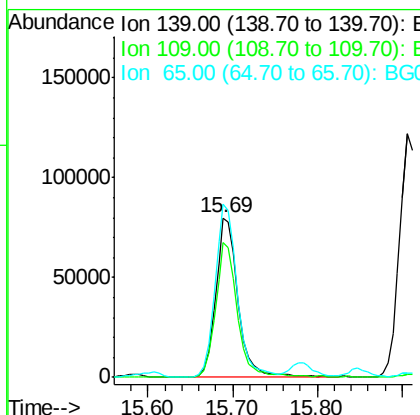
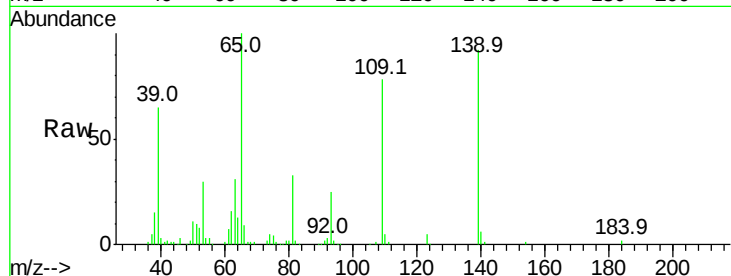




#55
4-Nitrophenol
Concen: 94.456 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

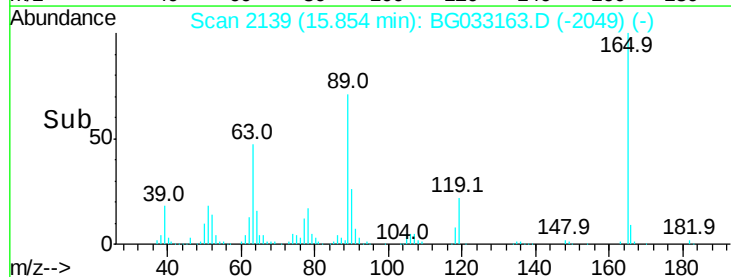
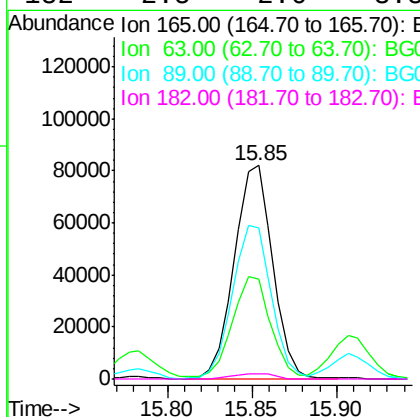
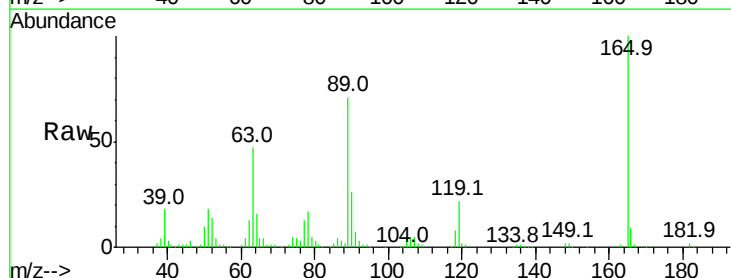
Instrument :
BNA_F
ClientSampleId :

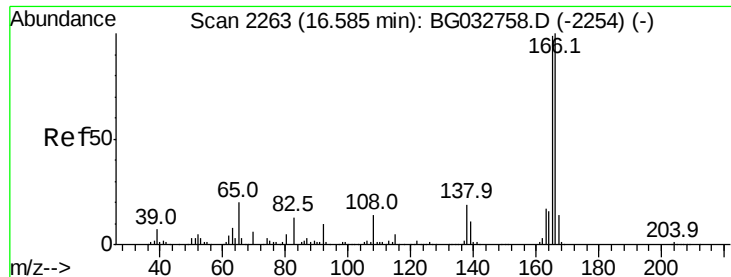
Tot Ion:139 Resp: 148135
Ion Ratio Lower Upper
139 100
109 84.1 62.2 102.2
65 108.5 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 64.808 ng
RT: 15.85 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion:165 Resp: 130061
Ion Ratio Lower Upper
165 100
63 46.9 42.0 63.0
89 70.9 66.9 100.3
182 2.5 2.6 3.8#





#57

Fluorene

Concen: 44.174 ng

RT: 16.55 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Instrument :

BNA_F

ClientSampleId :

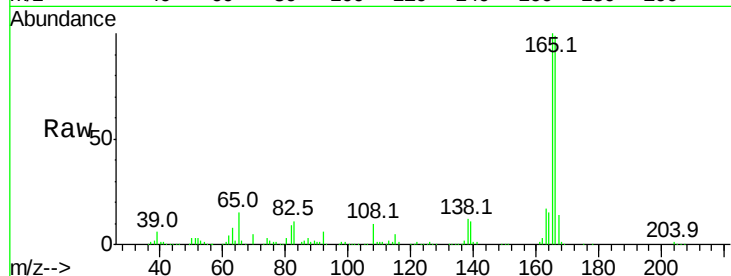
Tot Ion:166 Resp: 384014

Ion Ratio Lower Upper

166 100

165 100.9 80.6 121.0

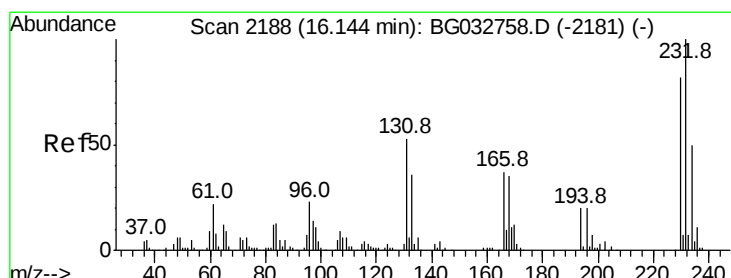
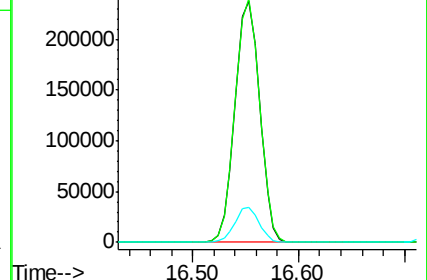
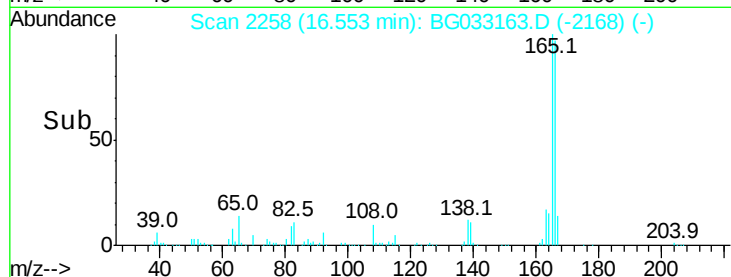
167 14.4 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.388 ng

RT: 16.04 min Scan# 2171

Delta R.T. -0.08 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Tgt Ion:232 Resp: 107292

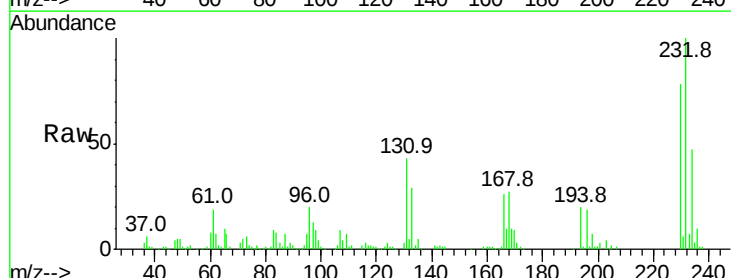
Ion Ratio Lower Upper

232 100

131 44.2 33.5 50.3

130 2.8 2.2 3.2

166 26.8 24.8 37.2

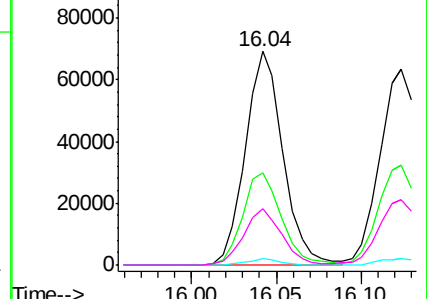
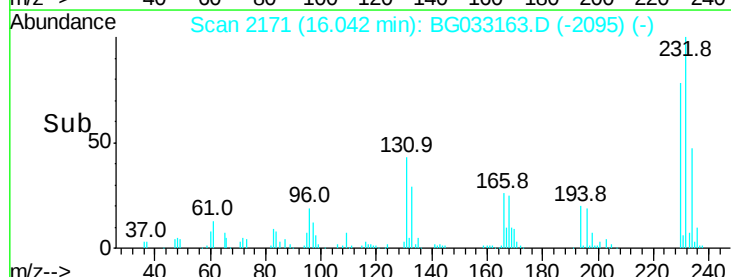


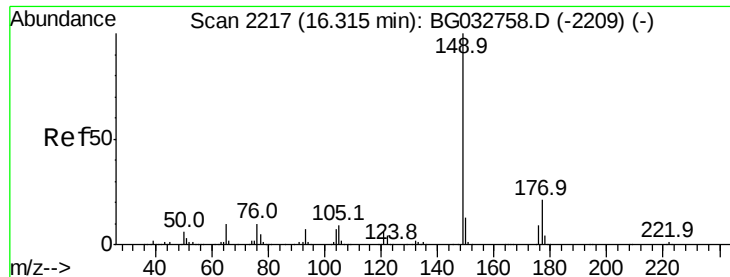
Abundance Ion 232.00 (231.70 to 232.70): E

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

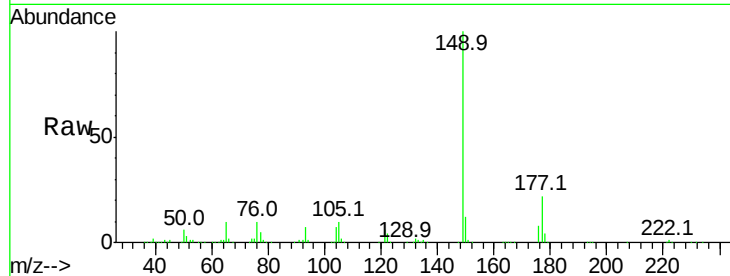




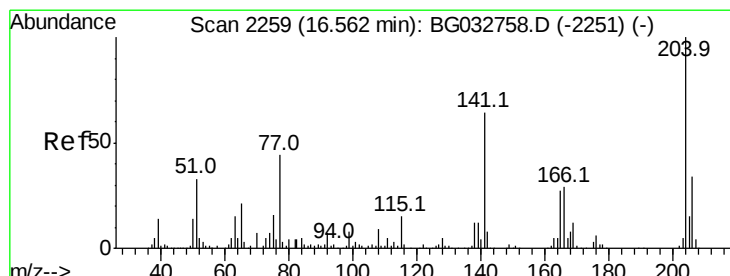
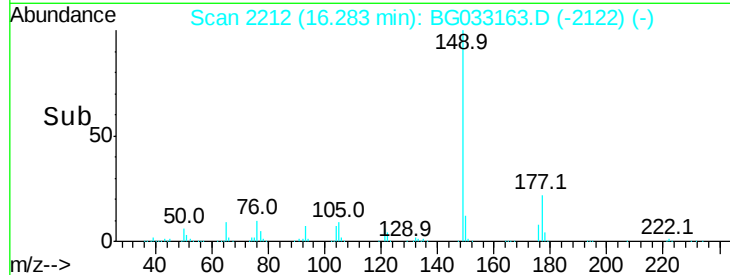
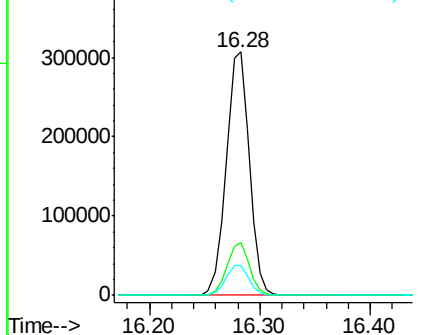
#59
Diethylphthalate
Concen: 45.343 ng
RT: 16.28 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 451309
Ion Ratio Lower Upper
149 100
177 21.6 18.5 27.7
150 12.2 10.2 15.2

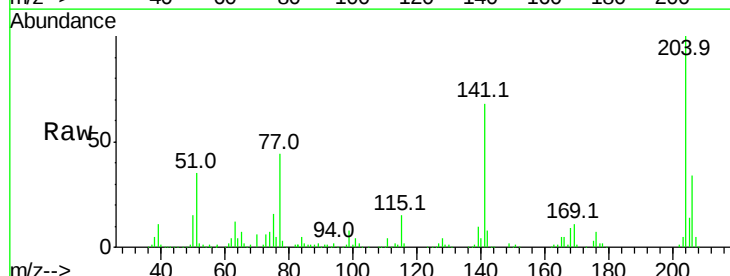


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

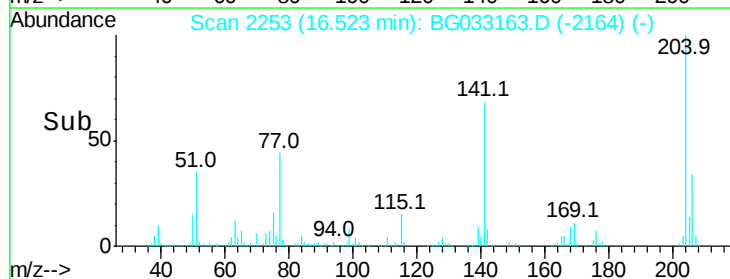
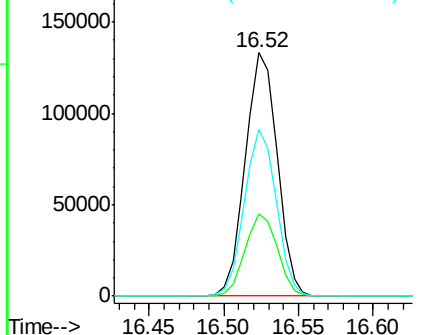


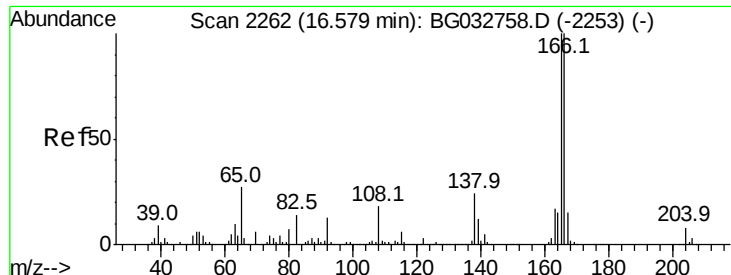
#60
4-Chlorophenyl-phenylether
Concen: 46.395 ng
RT: 16.52 min Scan# 2253
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion:204 Resp: 197302
Ion Ratio Lower Upper
204 100
206 34.0 26.2 39.2
141 68.3 45.8 68.6



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

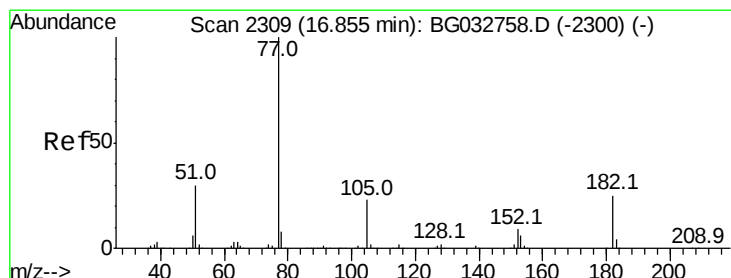
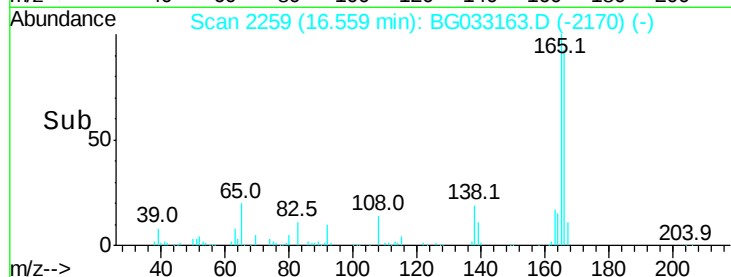
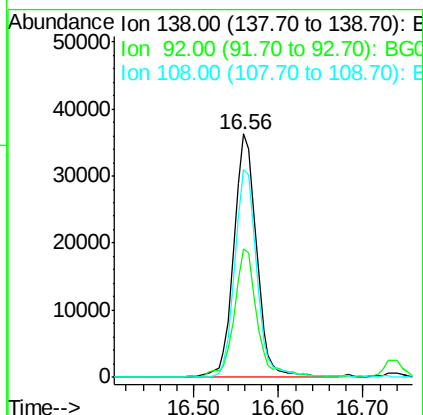
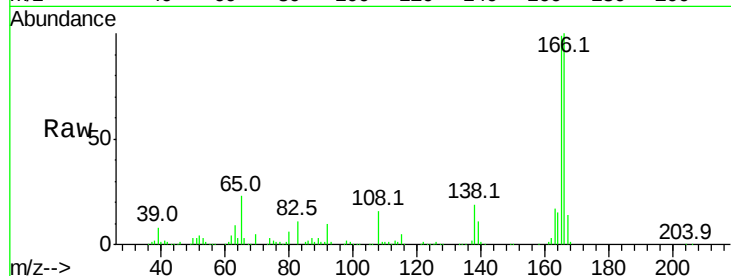




#61
4-Nitroaniline
Concen: 34.582 ng
RT: 16.56 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

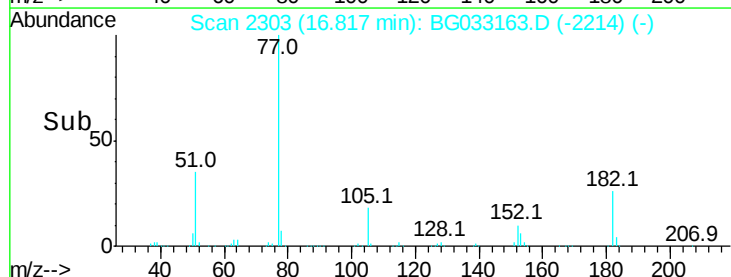
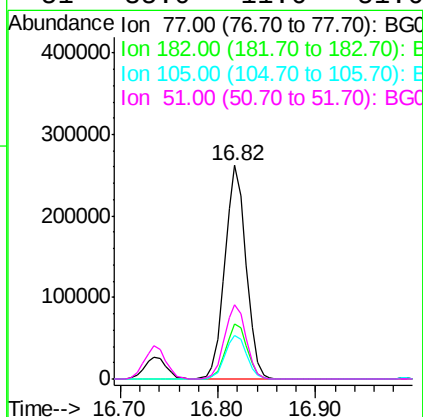
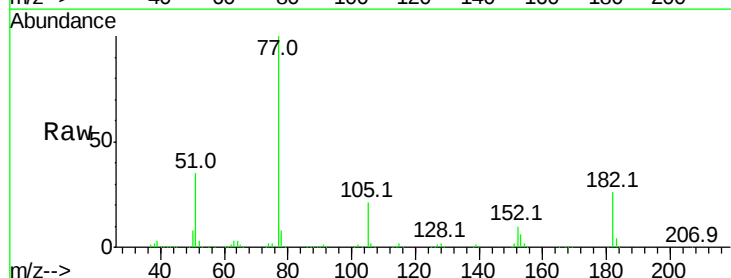
Instrument :
BNA_F
ClientSampled :

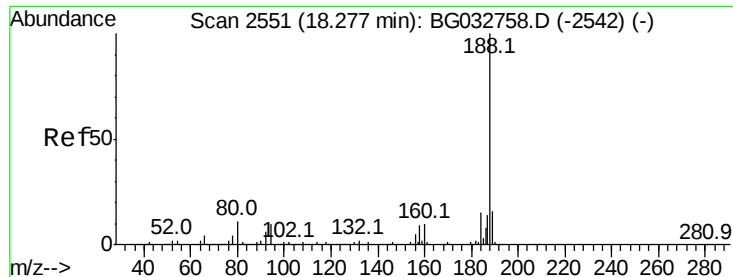
Tot Ion:138 Resp: 67245
Ion Ratio Lower Upper
138 100
92 52.9 40.1 80.1
108 85.6 65.4 105.4



#62
Azobenzene
Concen: 44.142 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion: 77 Resp: 393057
Ion Ratio Lower Upper
77 100
182 25.8 7.4 47.4
105 20.6 0.3 40.3
51 35.0 11.6 51.6

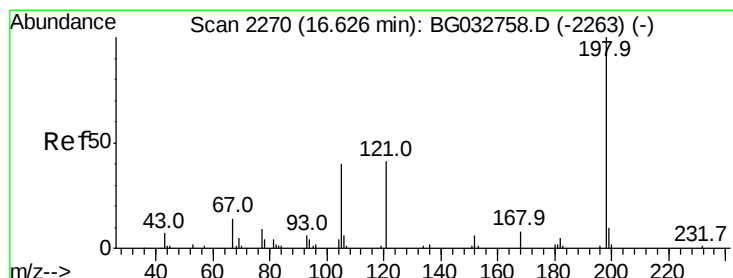
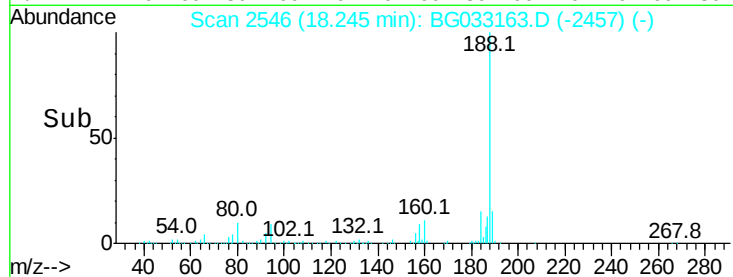
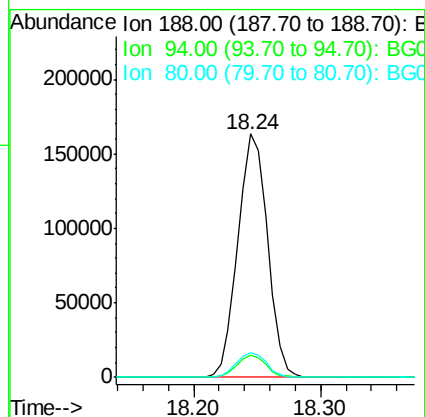
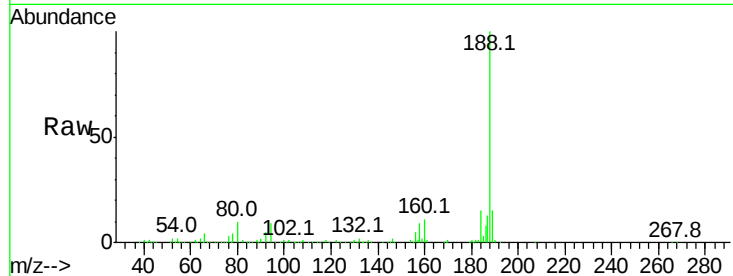




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2546
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

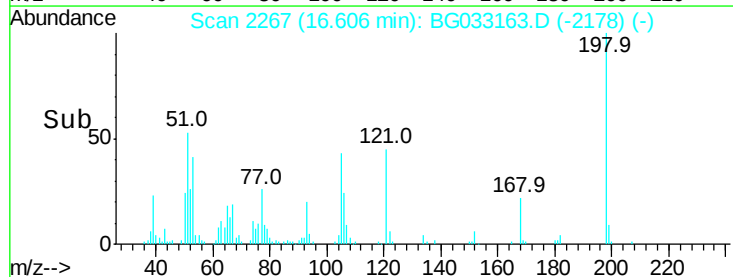
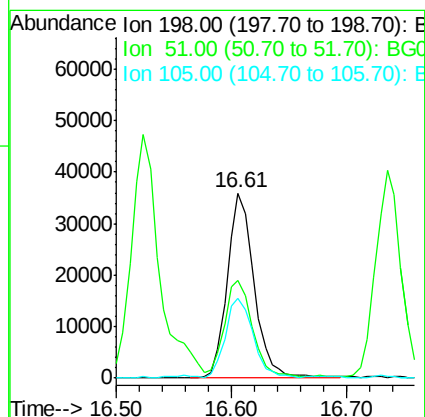
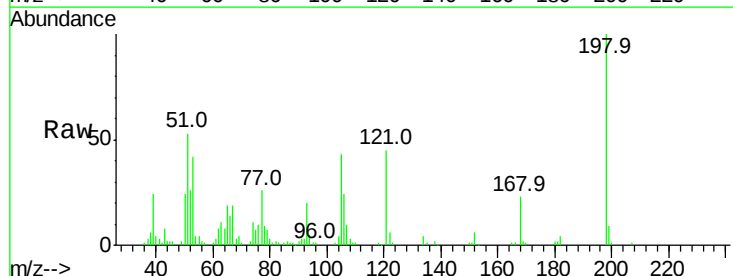
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 265164
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 10.3 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 65.492 ng
RT: 16.61 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion:198 Resp: 57989
Ion Ratio Lower Upper
198 100
51 53.1 30.6 70.6
105 43.3 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 41.083 ng

RT: 16.73 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Instrument :

BNA_F

ClientSampleId :

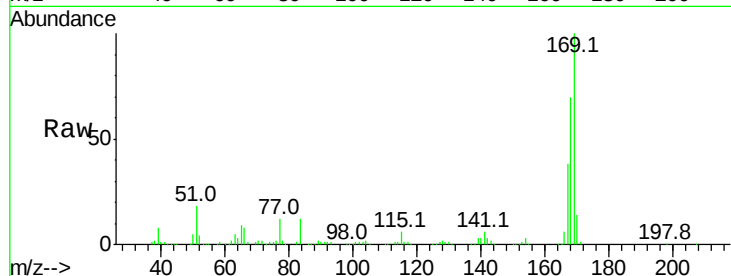
Tot Ion:169 Resp: 354389

Ion Ratio Lower Upper

169 100

168 69.6 55.7 83.5

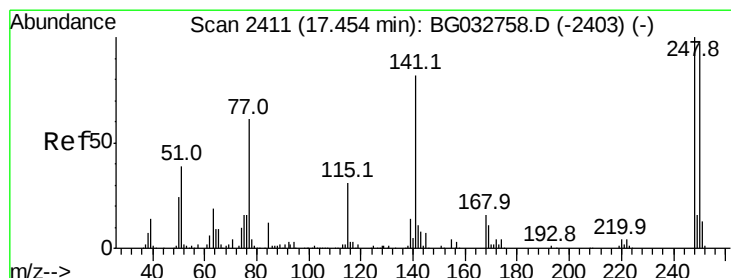
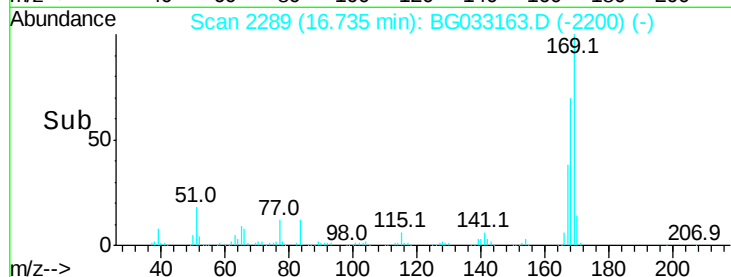
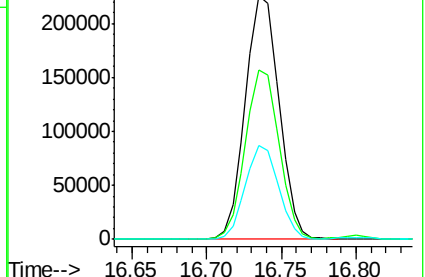
167 38.4 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.421 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

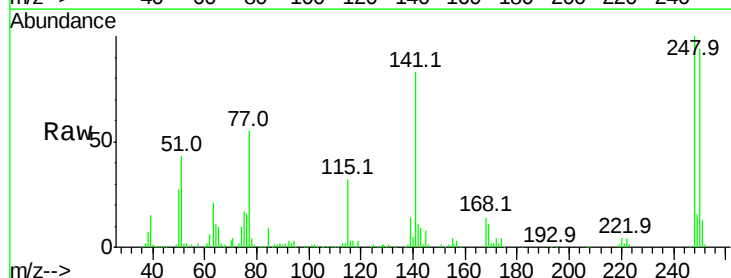
Tgt Ion:248 Resp: 130156

Ion Ratio Lower Upper

248 100

250 93.7 77.1 115.7

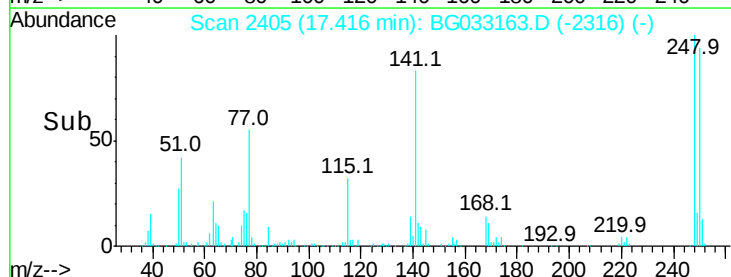
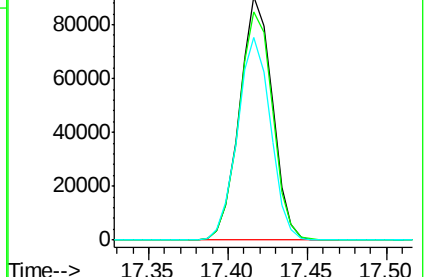
141 83.3 50.8 76.2#

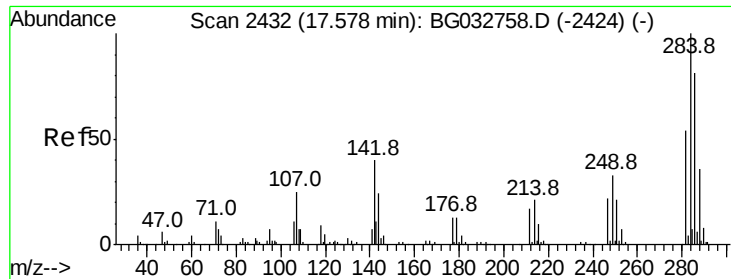


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

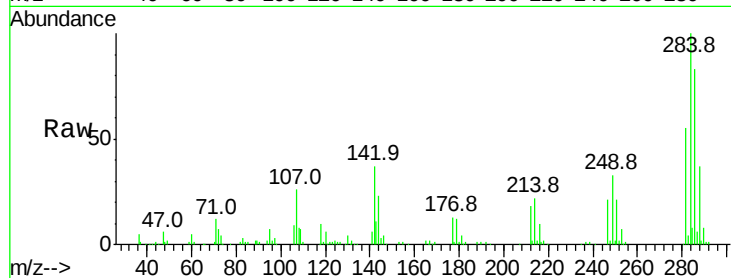




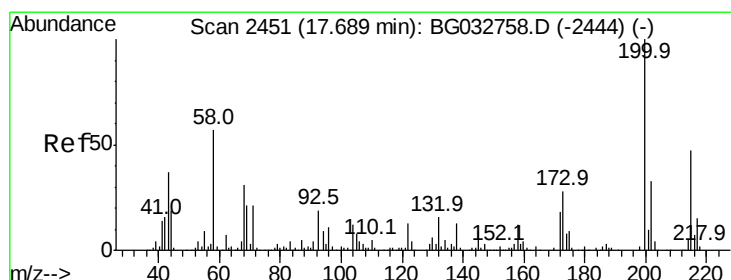
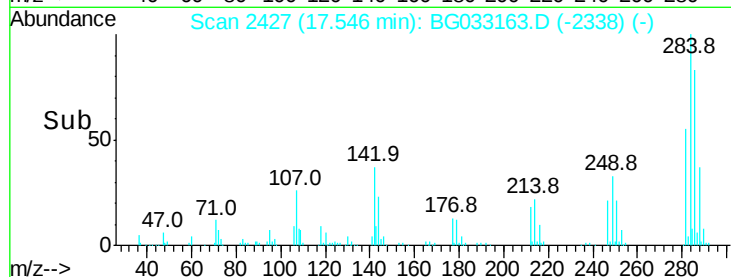
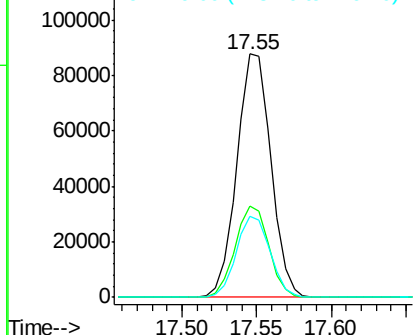
#67
Hexachlorobenzene
Concen: 45.871 ng
RT: 17.55 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 138988
Ion Ratio Lower Upper
284 100
142 37.4 26.8 40.2
249 33.5 26.3 39.5

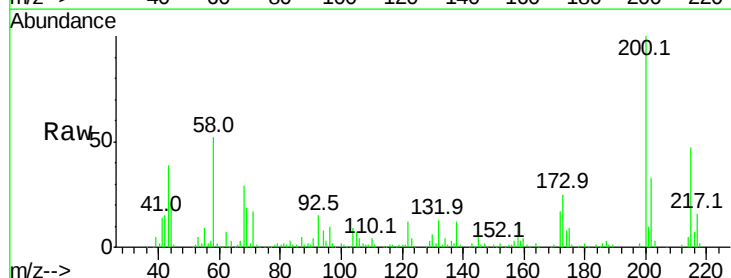


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

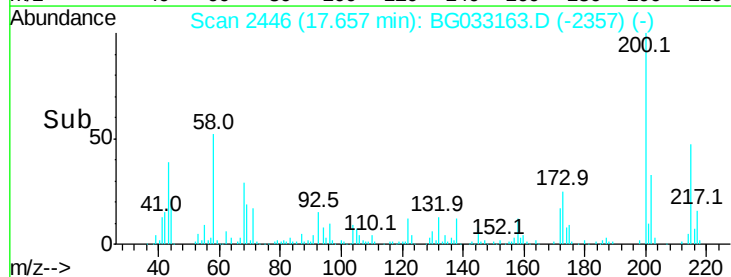
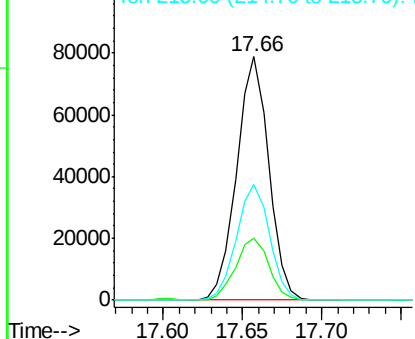


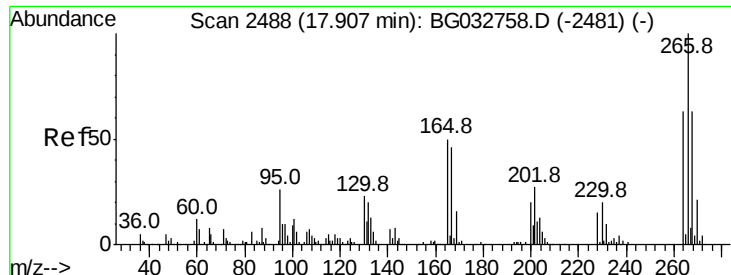
#68
Atrazine
Concen: 38.978 ng
RT: 17.66 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion:200 Resp: 110674
Ion Ratio Lower Upper
200 100
173 25.3 5.2 45.2
215 47.3 30.4 70.4



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





#69

Pentachlorophenol

Concen: 87.426 ng

RT: 17.89 min Scan# 2485

Delta R.T. 0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Instrument :

BNA_F

ClientSampled :

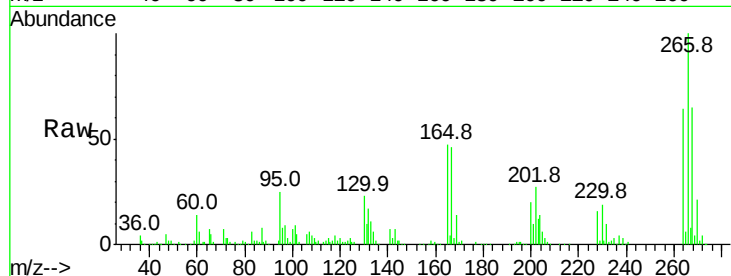
Tot Ion:266 Resp: 166854

Ion Ratio Lower Upper

266 100

268 65.4 51.1 76.7

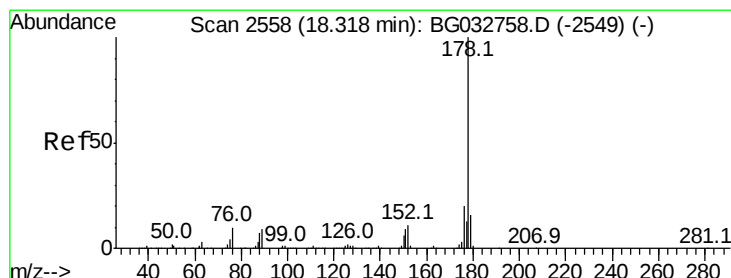
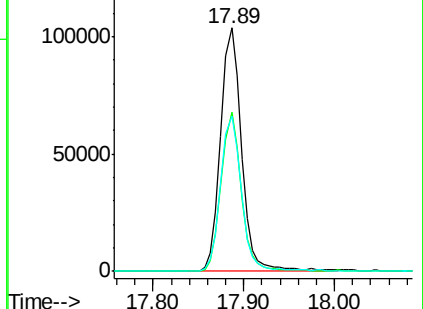
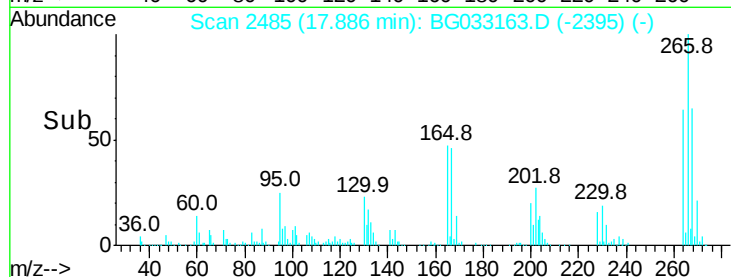
264 63.8 49.6 74.4



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



#70

Phenanthrene

Concen: 43.538 ng

RT: 18.29 min Scan# 2554

Delta R.T. 0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

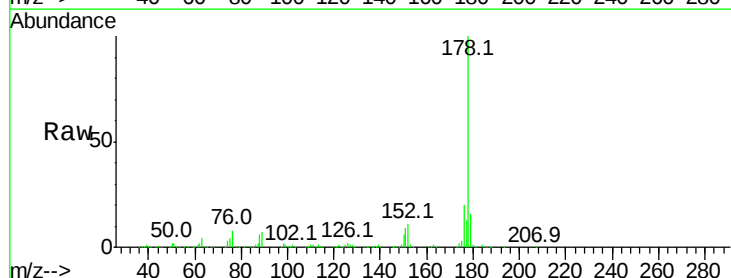
Tgt Ion:178 Resp: 644083

Ion Ratio Lower Upper

178 100

176 20.4 15.7 23.5

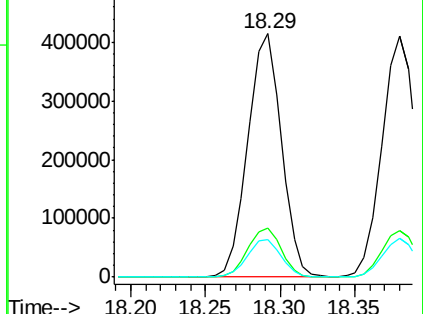
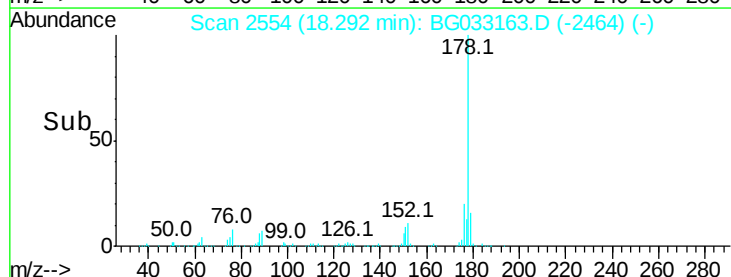
179 15.6 12.5 18.7

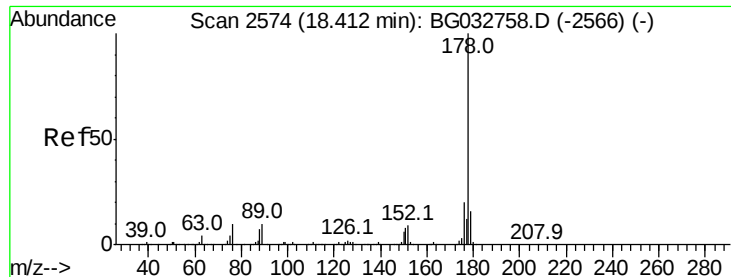


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 44.020 ng

RT: 18.38 min Scan# 2569

Delta R.T. -0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Instrument :

BNA_F

ClientSampleId :

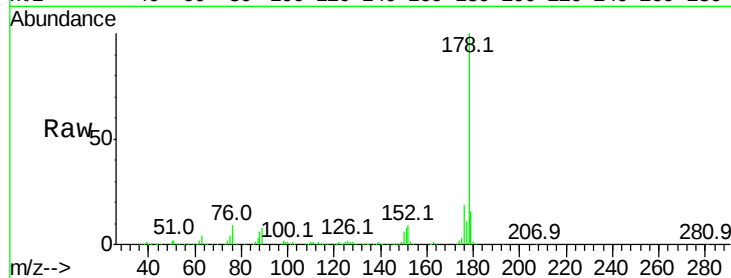
Tot Ion:178 Resp: 653780

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

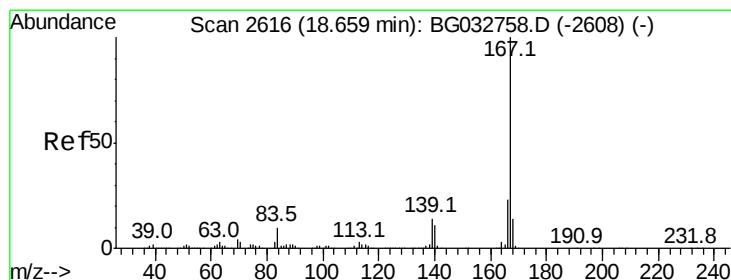
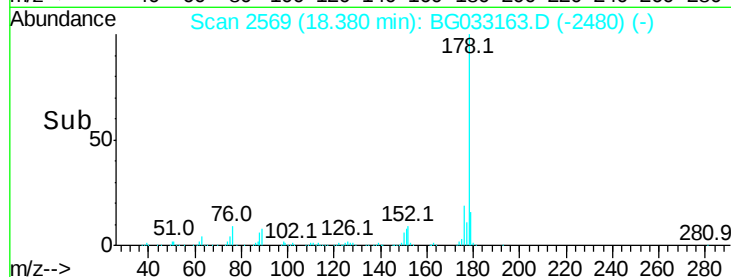
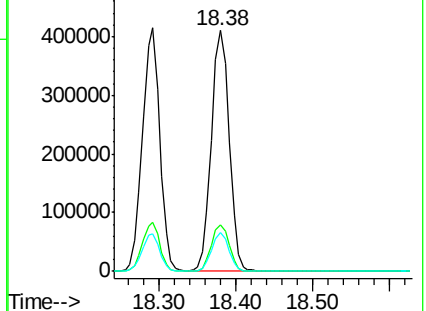
179 16.3 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.895 ng

RT: 18.64 min Scan# 2613

Delta R.T. 0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

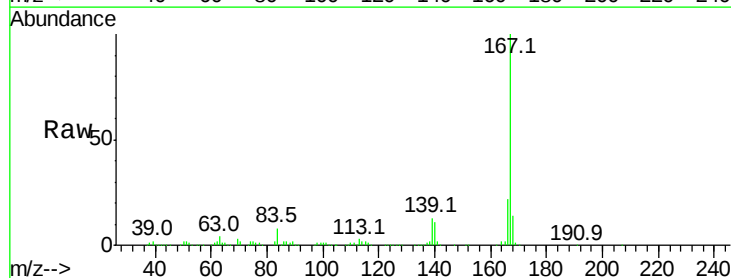
Tgt Ion:167 Resp: 598660

Ion Ratio Lower Upper

167 100

166 21.6 18.2 27.4

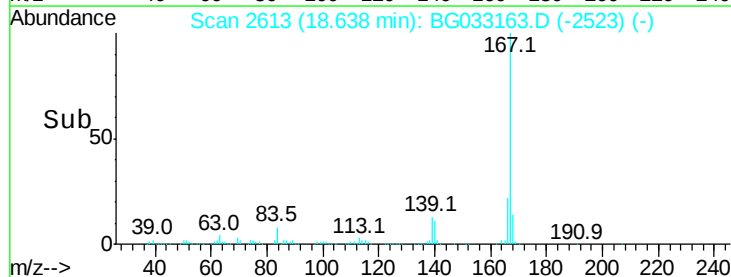
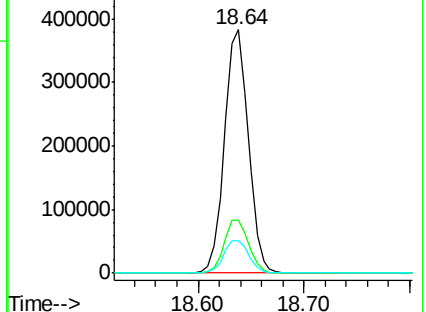
139 13.5 9.4 14.2

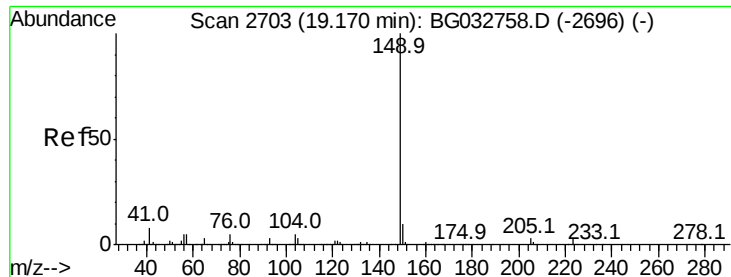


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

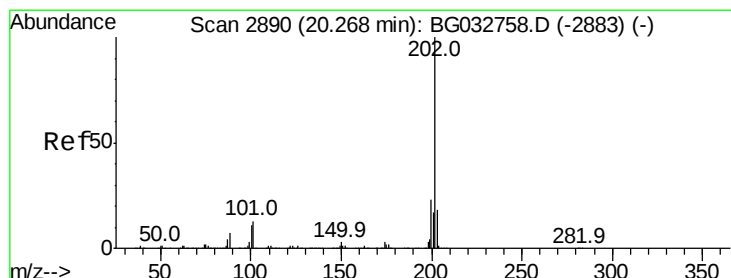
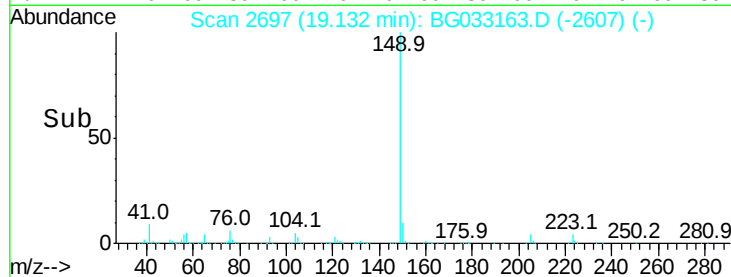
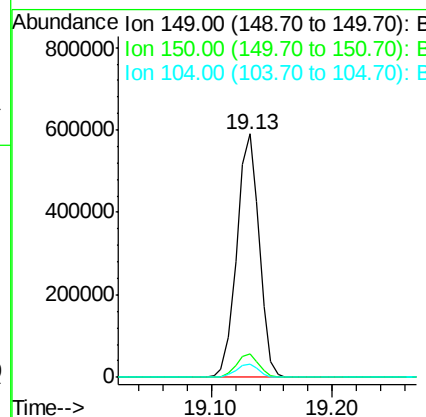
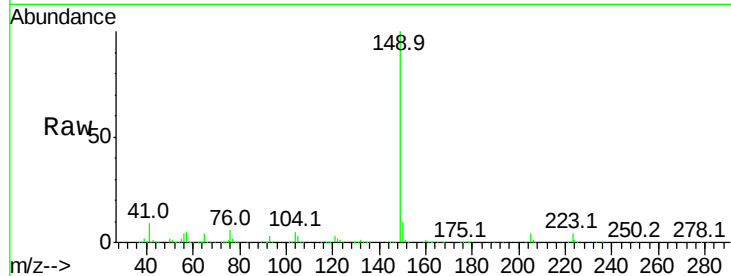




#73
Di-n-butylphthalate
Concen: 42.362 ng
RT: 19.13 min Scan# 2697
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

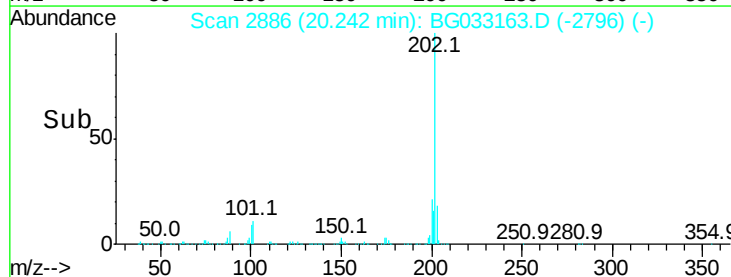
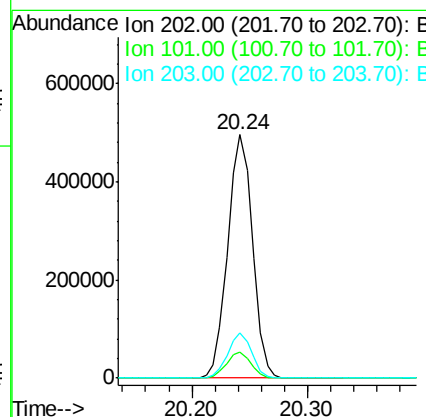
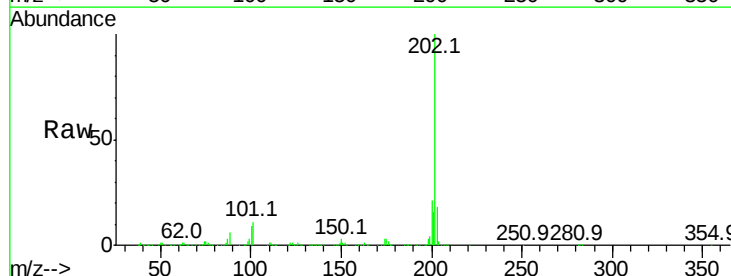
Instrument :
BNA_F
ClientSampleId :

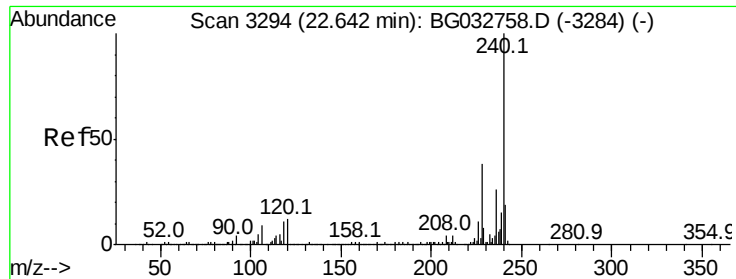
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	5.4	3.9	5.9



#74
Fluoranthene
Concen: 44.923 ng
RT: 20.24 min Scan# 2886
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	28.9
203	18.3	0.0	37.5

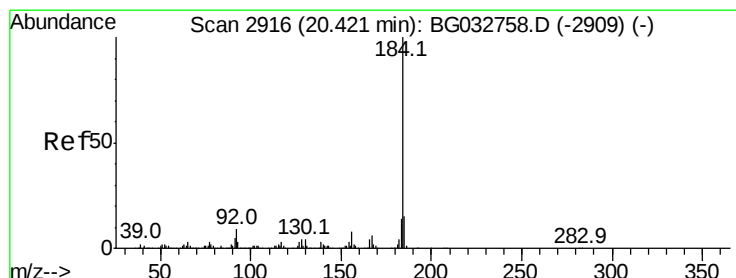
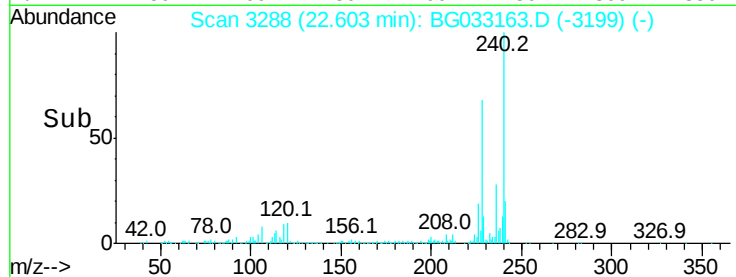
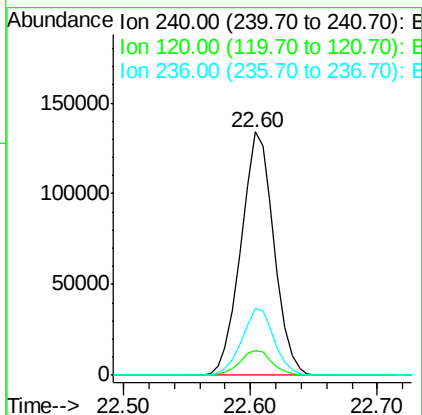
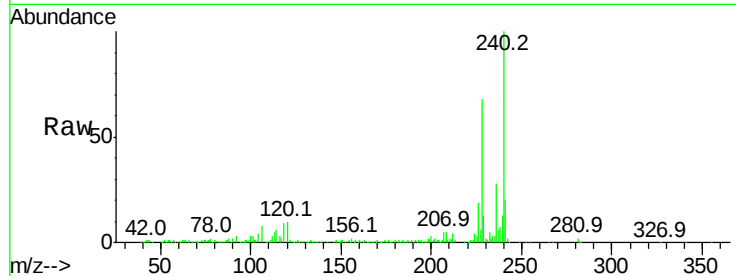




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.60 min Scan# 3288
 Delta R.T. -0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

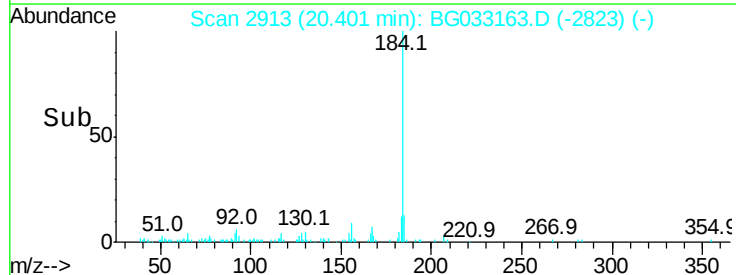
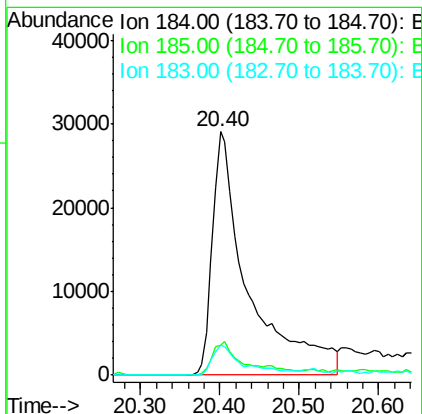
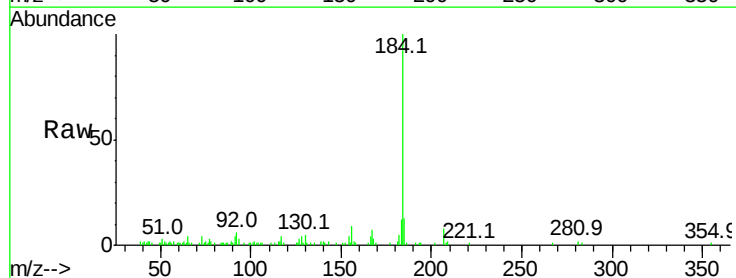
Instrument :
 BNA_F
 ClientSampleId :

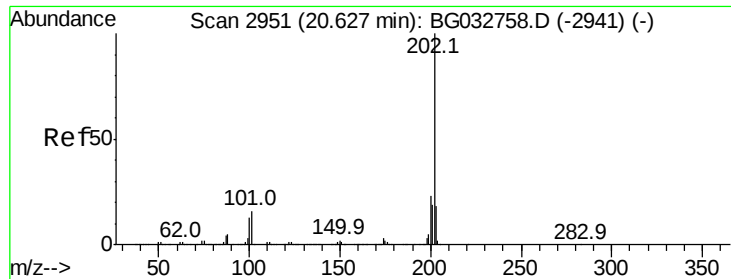
Tot Ion:240 Resp: 241561
 Ion Ratio Lower Upper
 240 100
 120 10.0 6.8 10.2
 236 27.5 20.9 31.3



#76
 Benzidine
 Concen: 11.128 ng
 RT: 20.40 min Scan# 2913
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Tgt Ion:184 Resp: 91630
 Ion Ratio Lower Upper
 184 100
 185 12.5 11.1 16.7
 183 12.1 10.6 16.0

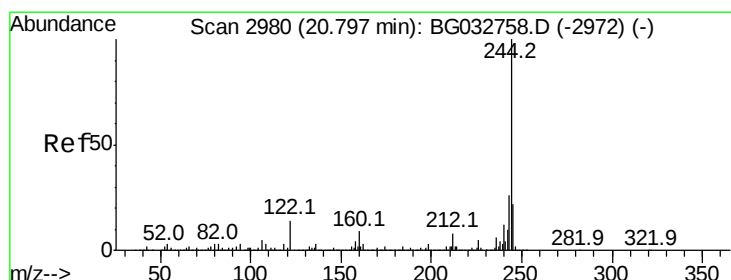
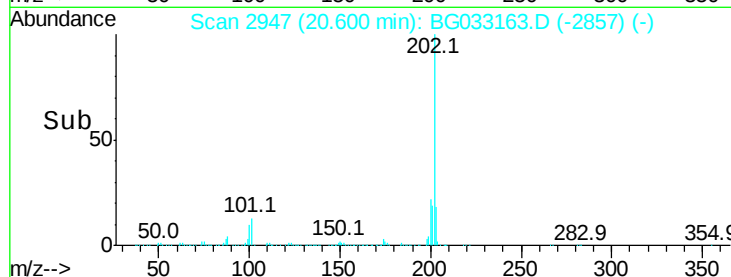
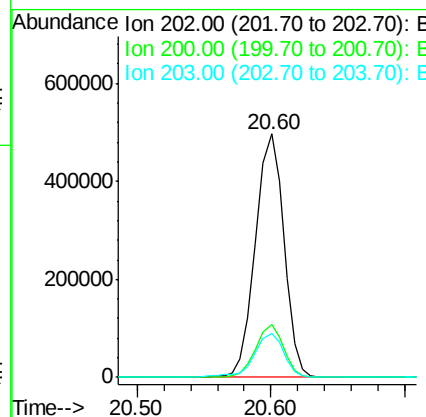
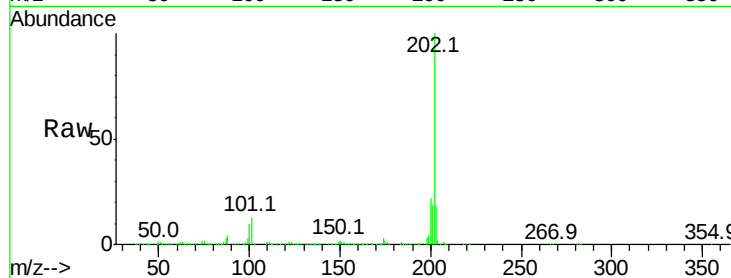




#77
Pvrene
Concen: 43.012 ng
RT: 20.60 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

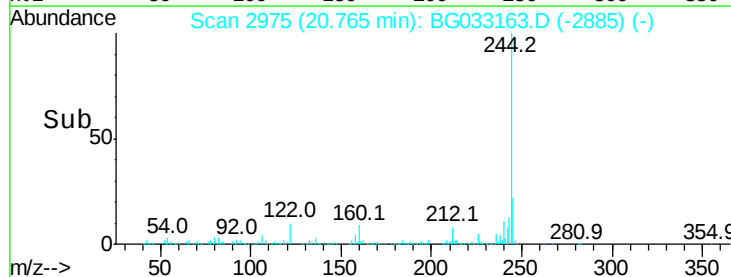
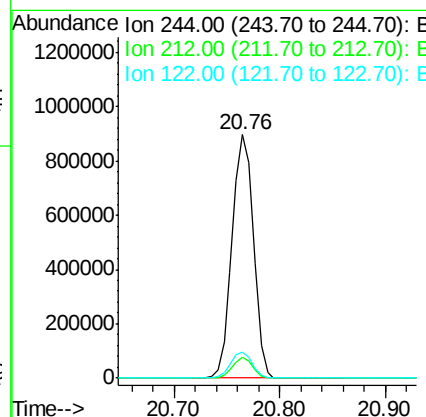
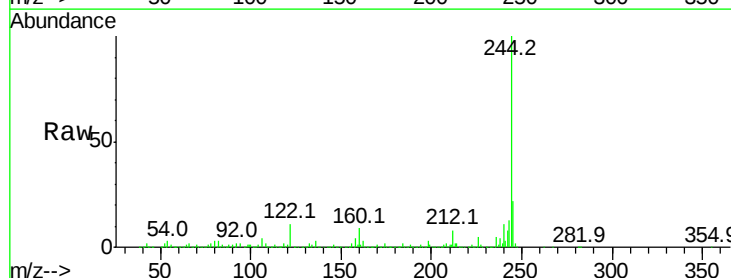
Instrument :
BNA_F
ClientSampleId :

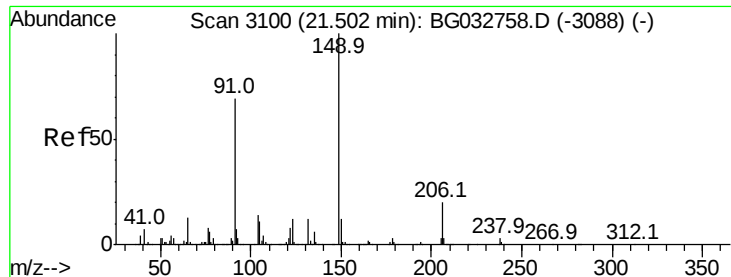
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	18.2	13.9	20.9



#78
Terphenyl-d14
Concen: 116.729 ng
RT: 20.76 min Scan# 2975
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	10.9	7.0	10.4

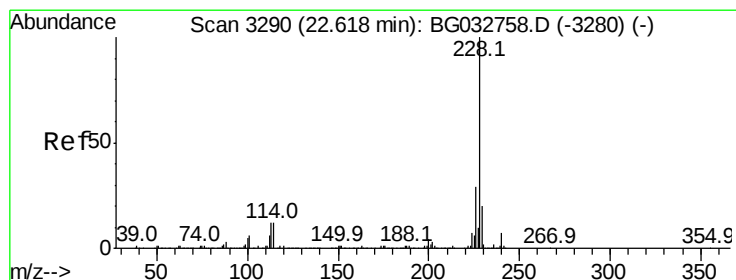
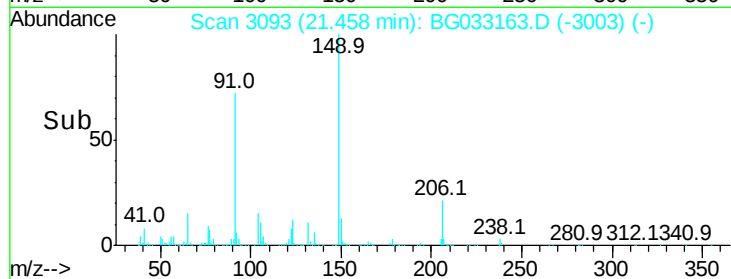
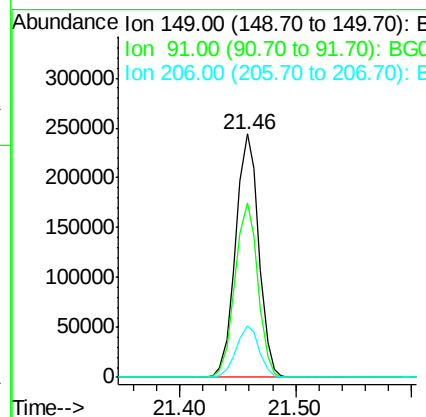
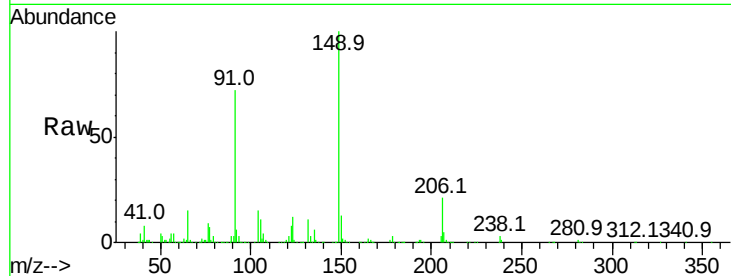




#79
Butylbenzylphthalate
Concen: 44.846 ng
RT: 21.46 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

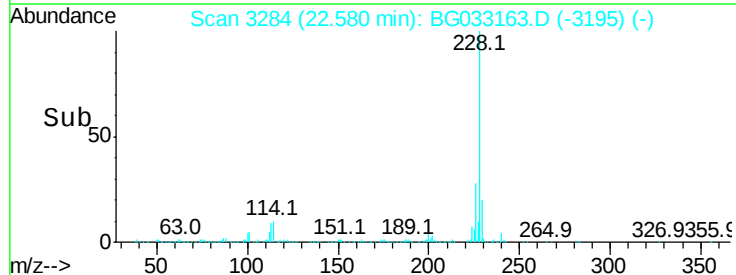
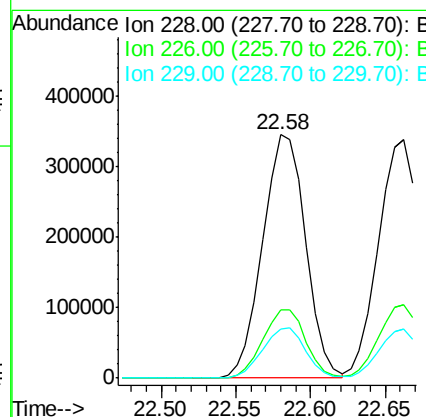
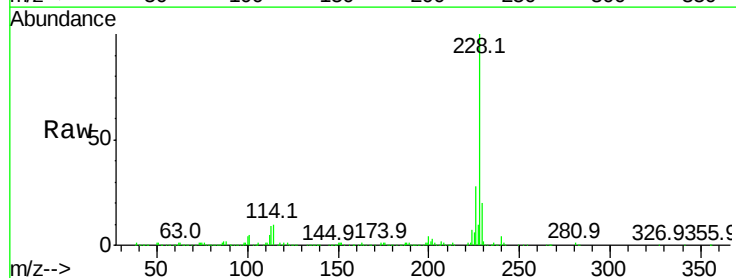
Instrument :
BNA_F
ClientSampleId :

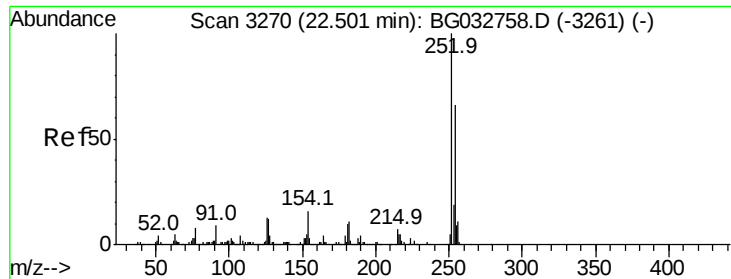
Tot Ion:149 Resp: 338712
Ion Ratio Lower Upper
149 100
91 71.9 62.2 93.2
206 21.2 18.6 27.8



#80
Benzo(a)anthracene
Concen: 44.624 ng
RT: 22.58 min Scan# 3284
Delta R.T. -0.00 min
Lab File: BG033163.D
Acq: 15 Mar 2018 3:15

Tgt Ion:228 Resp: 691231
Ion Ratio Lower Upper
228 100
226 28.2 22.7 34.1
229 20.1 16.2 24.2

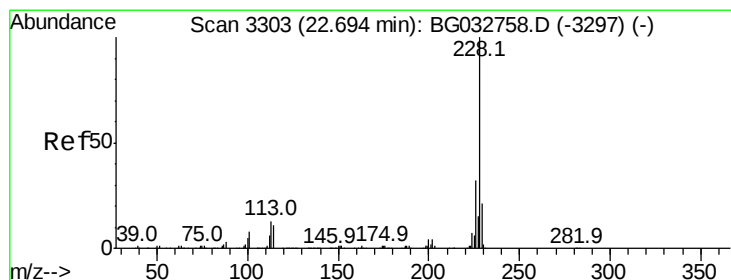
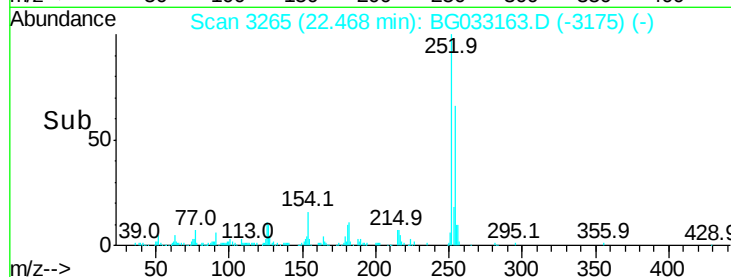
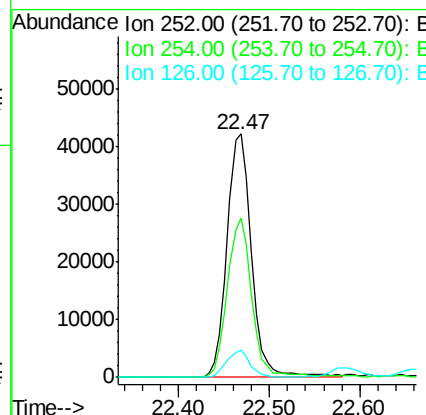
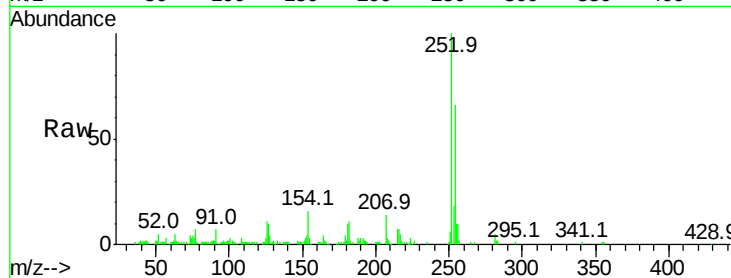




#81
 3,3'-Dichlorobenzidine
 Concen: 13.877 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

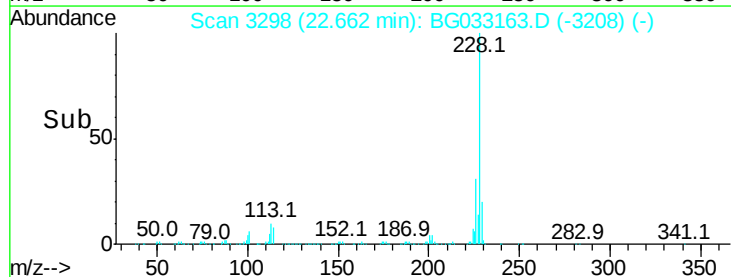
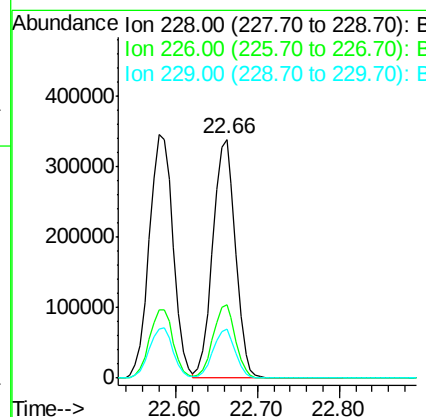
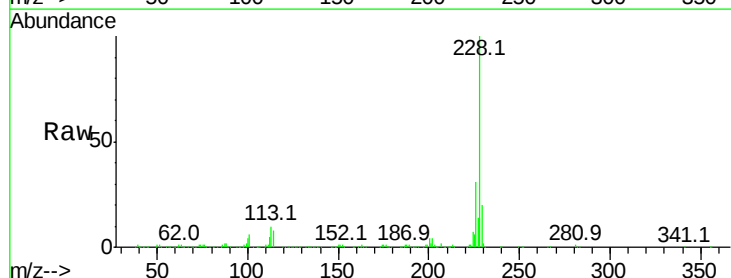
Instrument :
 BNA_F
 ClientSampled :

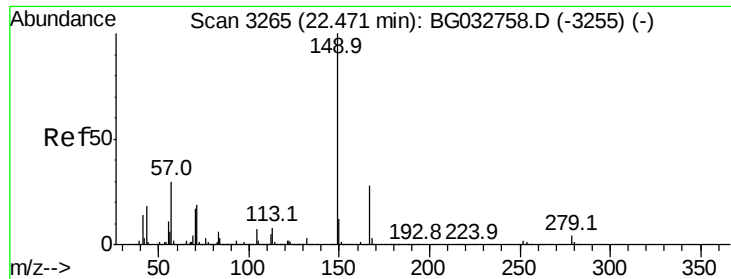
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	50.8	76.2
126	11.1	7.4	11.2



#82
 Chrysene
 Concen: 44.045 ng
 RT: 22.66 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	20.4	15.0	22.4

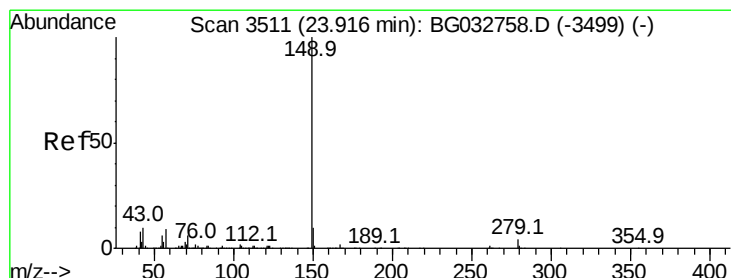
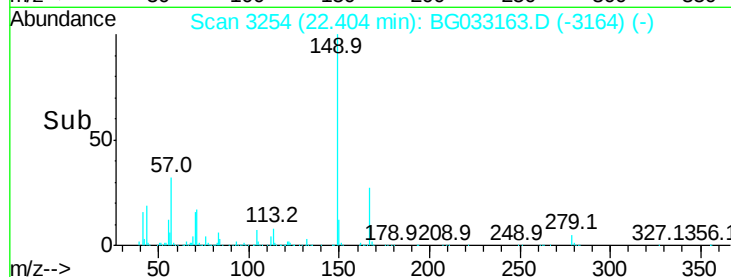
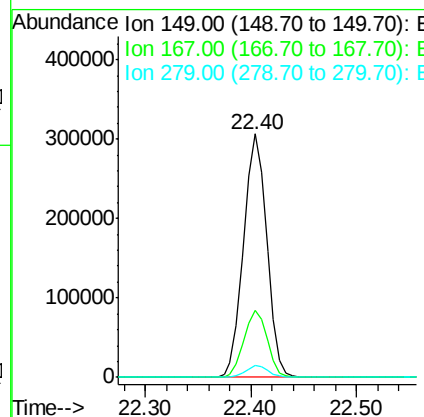
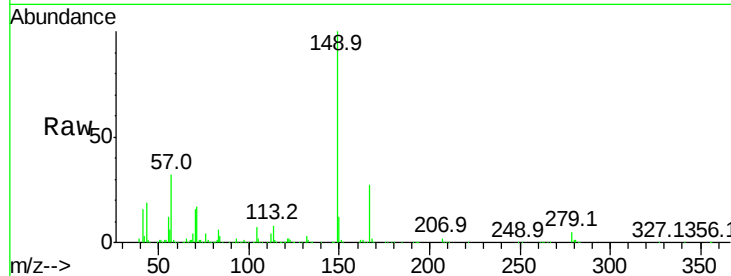




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.613 ng
 RT: 22.40 min Scan# 3254
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

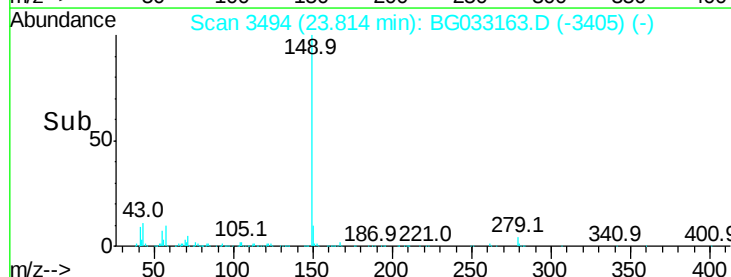
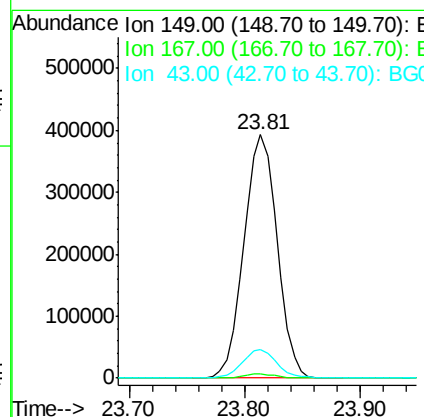
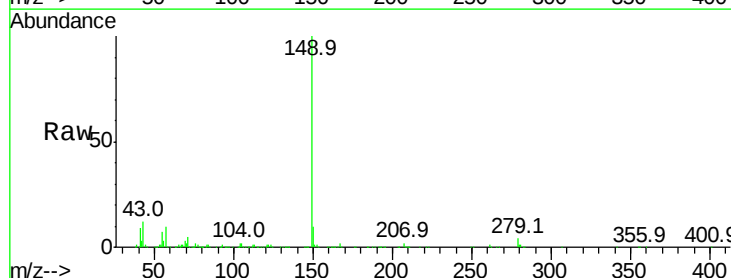
Instrument :
 BNA_F
 ClientSampleId :

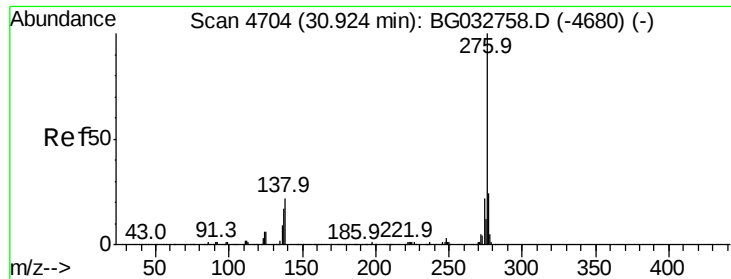
Tot Ion:149 Resp: 465232
 Ion Ratio Lower Upper
 149 100
 167 27.4 24.3 36.5
 279 4.8 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 45.956 ng
 RT: 23.81 min Scan# 3494
 Delta R.T. -0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Tgt Ion:149 Resp: 783127
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 11.5 8.9 13.3

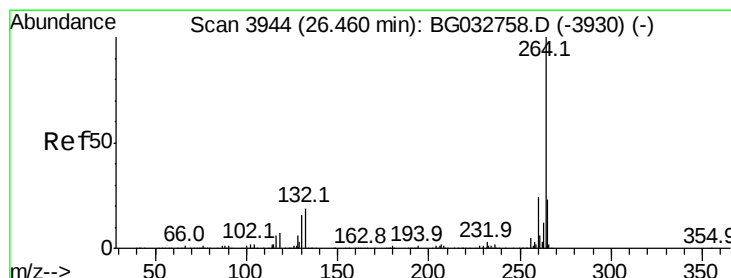
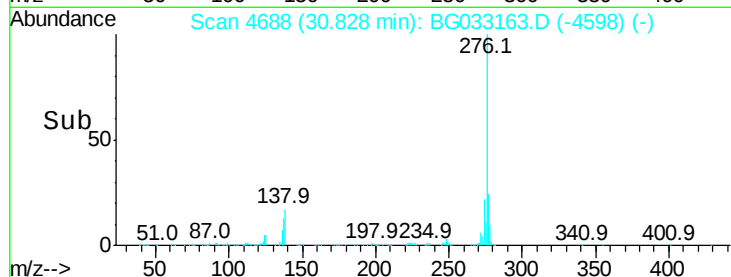
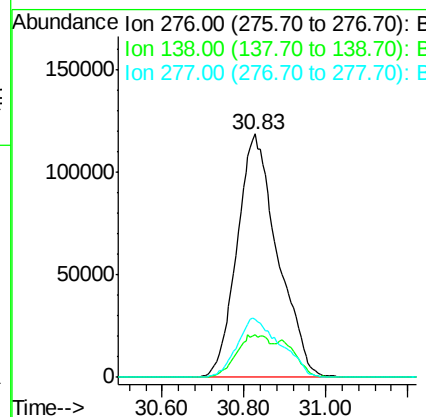
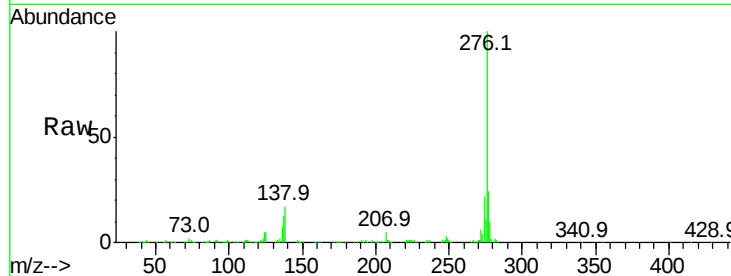




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.210 ng
 RT: 30.83 min Scan# 4688
 Delta R.T. 0.00 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

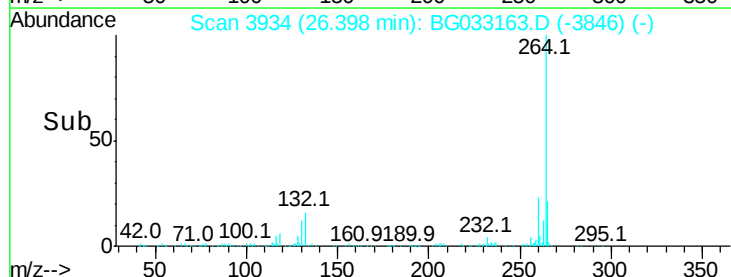
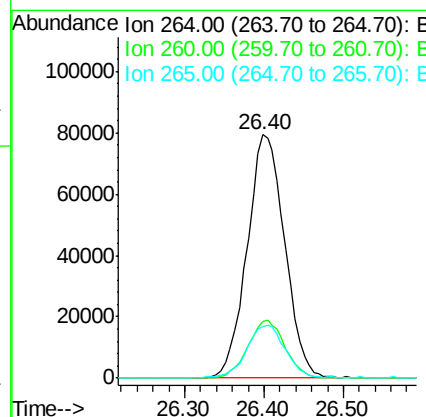
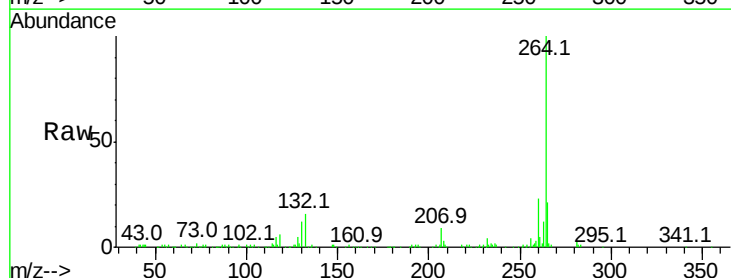
Instrument :
 BNA_F
 ClientSampleId :

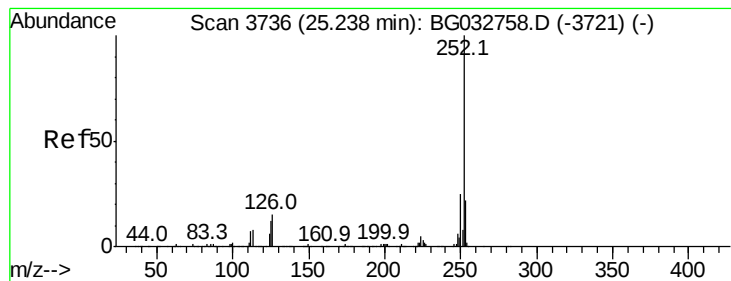
Tot Ion:276 Resp: 814695
 Ion Ratio Lower Upper
 276 100
 138 9.4 16.0 24.0#
 277 26.0 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.40 min Scan# 3934
 Delta R.T. -0.01 min
 Lab File: BG033163.D
 Acq: 15 Mar 2018 3:15

Tgt Ion:264 Resp: 261715
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.4 26.0
 265 21.4 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 45.286 ng

RT: 25.18 min Scan# 3727

Delta R.T. -0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Instrument :

BNA_F

ClientSampleId :

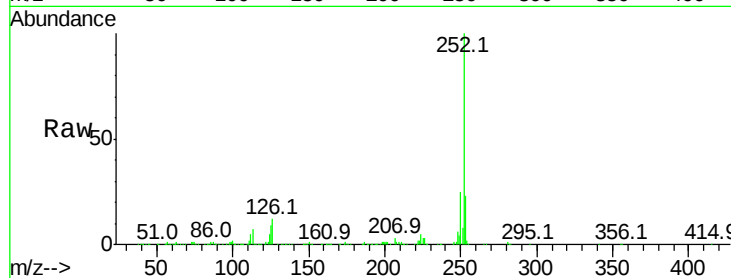
Tot Ion:252 Resp: 700773

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

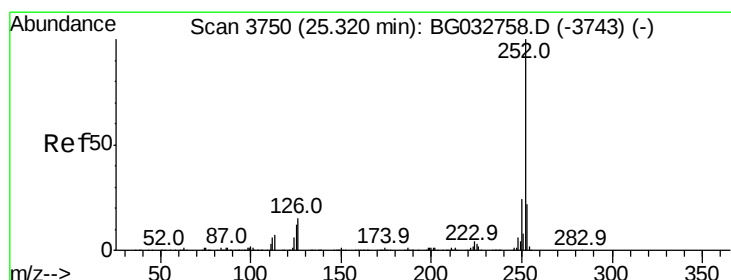
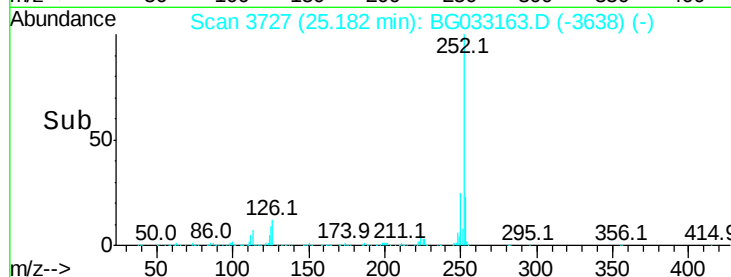
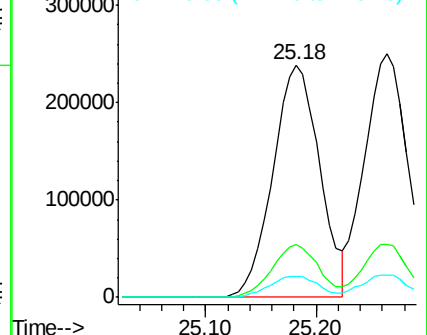
125 9.2 7.2 10.8



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



#88

Benzo(k)fluoranthene

Concen: 43.985 ng

RT: 25.26 min Scan# 3741

Delta R.T. -0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

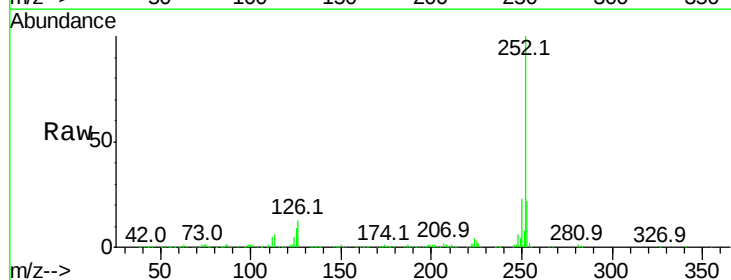
Tgt Ion:252 Resp: 676442

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

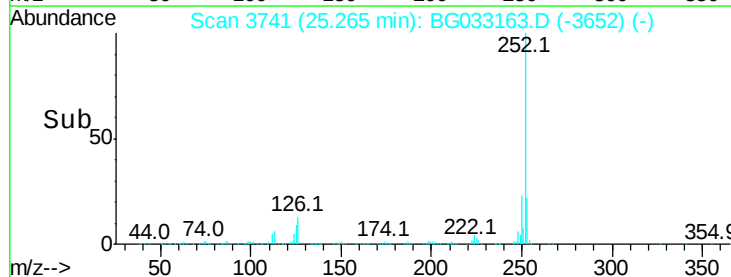
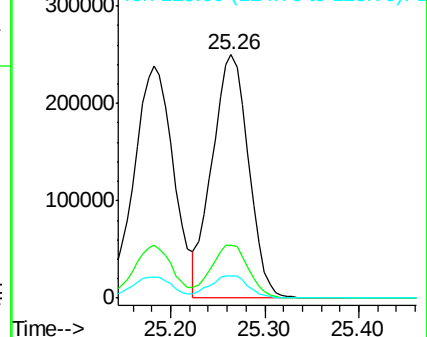
125 9.3 6.6 9.8

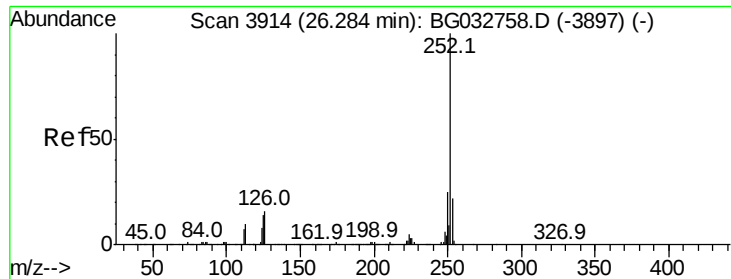


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.425 ng

RT: 26.23 min Scan# 3905

Delta R.T. 0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Instrument :

BNA_F

ClientSampleId :

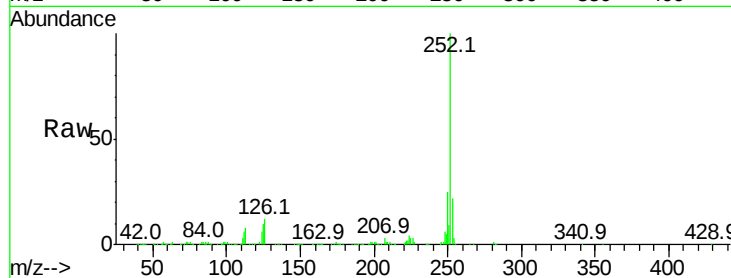
Tot Ion:252 Resp: 668578

Ion Ratio Lower Upper

252 100

253 22.4 18.3 27.5

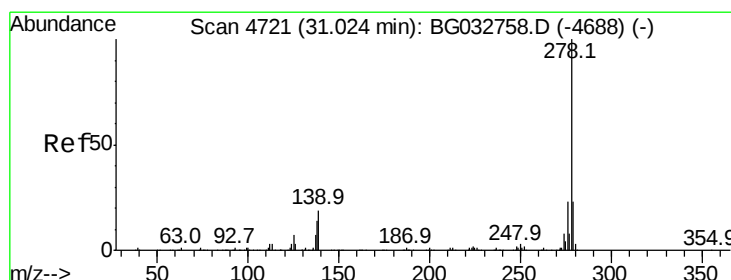
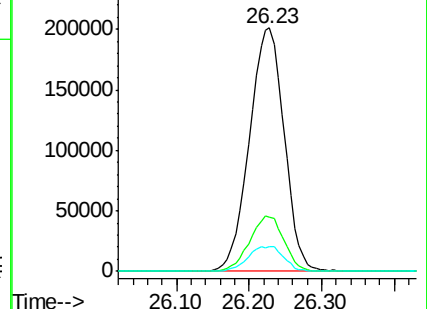
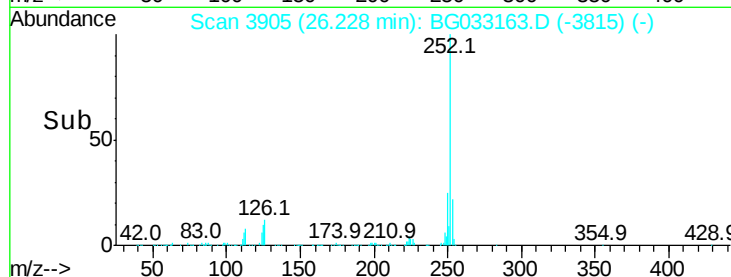
125 10.3 7.3 10.9



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

Dibenzo(a,h)anthracene

Concen: 45.995 ng

RT: 30.90 min Scan# 4701

Delta R.T. -0.01 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

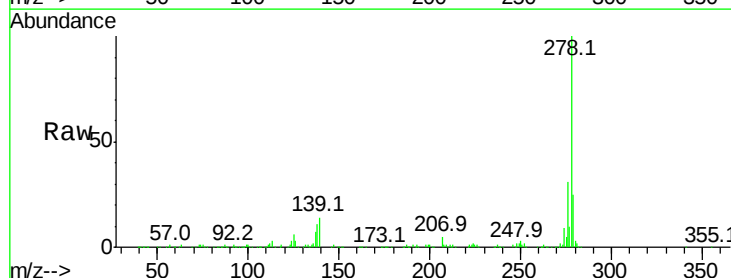
Tgt Ion:278 Resp: 681413

Ion Ratio Lower Upper

278 100

139 14.5 9.8 14.6

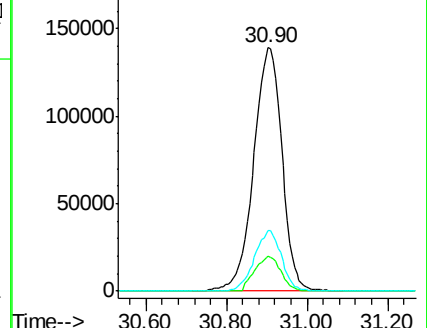
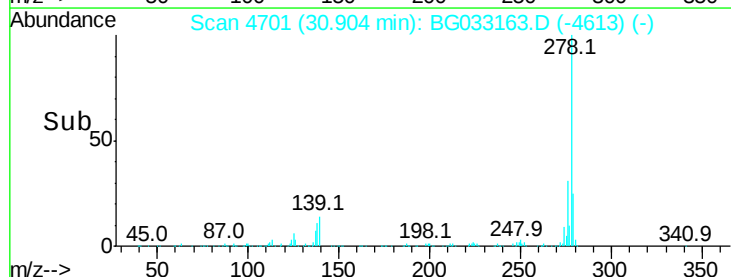
279 24.8 18.4 27.6

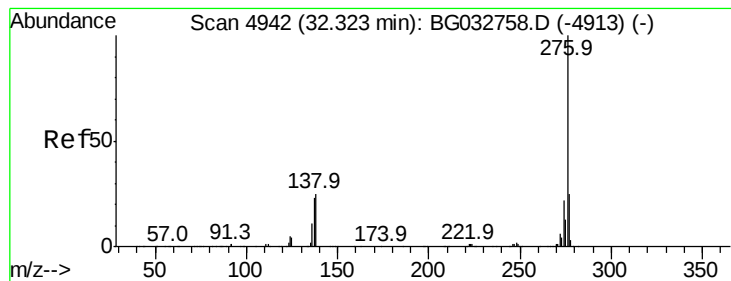


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 46.200 ng

RT: 32.23 min Scan# 4927

Delta R.T. -0.00 min

Lab File: BG033163.D

Acq: 15 Mar 2018 3:15

Instrument :

BNA_F

ClientSampleId :

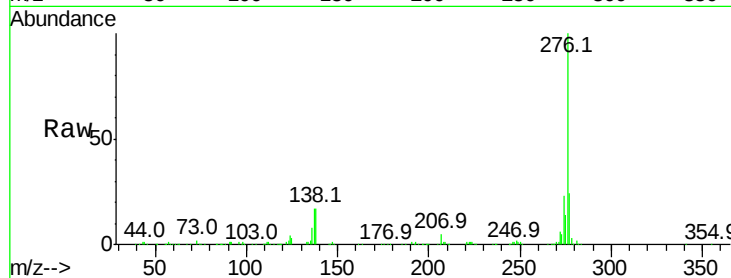
Tot Ion:276 Resp: 674716

Ion Ratio Lower Upper

276 100

277 23.8 18.3 27.5

138 17.2 13.9 20.9



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

