

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032618\
 Data File : BG033341.D
 Acq On : 26 Mar 2018 22:25
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 27 07:49:10 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	42008	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	184607	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	136715	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	340287	20.00	ng	-0.02
75) Chrysene-d12	22.56	240	343973	20.00	ng	-0.04
86) Perylene-d12	26.32	264	379395	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.29	112	190741	85.14	ng	-0.02
7) Phenol-d6	7.97	99	314339	81.66	ng	-0.02
23) Nitrobenzene-d5	10.07	82	316902	78.87	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	167825	82.08	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	767216	81.01	ng	-0.02
78) Terphenyl-d14	20.73	244	1234938	76.78	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.93	88	40563	35.654	ng	87
3) Pyridine	4.39	79	123529	39.278	ng	96
4) n-Nitrosodimethylamine	4.30	42	50341	39.004	ng	# 89
6) Aniline	8.16	93	184136	40.678	ng	97
8) 2-Chlorophenol	8.41	128	106583	41.616	ng	96
9) Benzaldehyde	7.97	77	84729	34.637	ng	97
10) Phenol	8.00	94	156294	41.125	ng	92
11) bis(2-Chloroethyl)ether	8.25	93	122775	39.579	ng	96
12) 1,3-Dichlorobenzene	8.75	146	130142	38.867	ng	97
13) 1,4-Dichlorobenzene	8.90	146	130798	39.005	ng	96
14) 1,2-Dichlorobenzene	9.23	146	128074	39.132	ng	96
15) Benzyl Alcohol	9.10	79	124555	41.098	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	9.39	45	189136	37.401	ng	88
17) 2-Methylphenol	9.30	107	100203	38.704	ng	# 89
18) Hexachloroethane	9.98	117	51401	39.715	ng	94
19) n-Nitroso-di-n-propylamine	9.67	70	114390	40.555	ng	99
20) 3+4-Methylphenols	9.64	107	155291	42.128	ng	95
22) Acetophenone	9.71	105	213763	42.266	ng	# 94
24) Nitrobenzene	10.11	77	164826	38.324	ng	97
25) Isophorone	10.63	82	309403	39.675	ng	98
26) 2-Nitrophenol	10.83	139	67805	41.642	ng	# 89
27) 2,4-Dimethylphenol	10.86	122	99479	42.056	ng	87
28) bis(2-Chloroethoxy)methane	11.11	93	157495	40.476	ng	98
29) 2,4-Dichlorophenol	11.38	162	122583	42.140	ng	94
30) 1,2,4-Trichlorobenzene	11.60	180	153614	40.645	ng	99
31) Naphthalene	11.80	128	375475	39.249	ng	98
32) Benzoic acid	10.99	122	67270	30.593	ng	95
33) 4-Chloroaniline	11.90	127	168121	39.226	ng	95
34) Hexachlorobutadiene	12.06	225	118679	41.524	ng	94
35) Caprolactam	12.65	113	45422	39.857	ng	# 89
36) 4-Chloro-3-methylphenol	12.96	107	152002	40.063	ng	98
37) 2-Methylnaphthalene	13.35	142	288166	38.810	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	203967	41.187	ng	99
40) Hexachlorocyclopentadiene	13.67	237	115225	39.690	ng	95

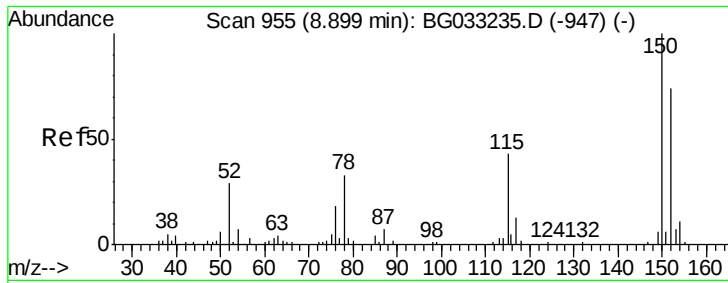
Data Path : Z:\HPCHEM1\BNA G\DATA\BG032618\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	126853	44.088	nq	97
43) 2,4,5-Trichlorophenol	14.01	196	151523	44.554	nq	98
45) 1,1'-Biphenyl	14.32	154	419381	39.928	nq	98
46) 2-Chloronaphthalene	14.38	162	330564	40.817	nq	99
47) 2-Nitroaniline	14.57	65	124990	41.204	nq	97
48) Acenaphthylene	15.21	152	532522	39.393	nq	99
49) Dimethylphthalate	14.91	163	477316	40.118	nq	99
50) 2,6-Dinitrotoluene	15.04	165	101568	41.750	nq	94
51) Acenaphthene	15.55	154	352772	40.481	nq	95
52) 3-Nitroaniline	15.38	138	98196	38.500	nq #	91
53) 2,4-Dinitrophenol	15.58	184	49169	42.942	nq #	77
54) Dibenzofuran	15.88	168	503744	39.134	nq	94
55) 4-Nitrophenol	15.66	139	70486	39.301	nq #	81
56) 2,4-Dinitrotoluene	15.82	165	142850	39.880	nq	91
57) Fluorene	16.52	166	430688	39.274	nq	98
58) 2,3,4,6-Tetrachlorophenol	16.09	232	135893	42.445	nq	95
59) Diethylphthalate	16.25	149	456597	39.521	nq	98
60) 4-Chlorophenyl-phenylether	16.49	204	245554	38.953	nq	98
61) 4-Nitroaniline	16.53	138	99777	38.631	nq	87
62) Azobenzene	16.79	77	424115	37.896	nq	98
64) 4,6-Dinitro-2-methylphenol	16.58	198	73264	35.990	nq	92
65) n-Nitrosodiphenylamine	16.70	169	394823	40.642	nq	96
66) 4-Bromophenyl-phenylether	17.39	248	168939	42.273	nq	99
67) Hexachlorobenzene	17.52	284	176133	41.761	nq	96
68) Atrazine	17.63	200	164363	41.753	nq	95
69) Pentachlorophenol	17.85	266	116005	40.074	nq	98
70) Phenanthrene	18.26	178	695790	39.261	nq	99
71) Anthracene	18.34	178	708773	39.499	nq	99
72) Carbazole	18.60	167	613967	38.612	nq	97
73) Di-n-butylphthalate	19.10	149	746789	40.349	nq	99
74) Fluoranthene	20.21	202	846606	38.603	nq	97
76) Benzidine	20.36	184	371888	39.868	nq	98
77) Pyrene	20.56	202	872916	38.050	nq	98
79) Butylbenzylphthalate	21.42	149	340155	40.180	nq	92
80) Benzo(a)anthracene	22.54	228	864446	39.467	nq	99
81) 3,3'-Dichlorobenzidine	22.42	252	339106	43.508	nq	98
82) Chrysene	22.62	228	835325	39.399	nq	97
83) Bis(2-ethylhexyl)phthalate	22.36	149	482709	41.363	nq	98
84) Di-n-octyl phthalate	23.76	149	776423	43.453	nq	96
85) Indeno(1,2,3-cd)pyrene	30.70	276	991292	43.244	nq #	88
87) Benzo(b)fluoranthene	25.11	252	859727	39.222	nq #	96
88) Benzo(k)fluoranthene	25.19	252	865084	39.022	nq #	97
89) Benzo(a)pyrene	26.14	252	823661	39.129	nq #	95
90) Dibenzo(a,h)anthracene	30.77	278	819230	41.316	nq #	93
91) Benzo(g,h,i)perylene	32.08	276	807661	41.135	nq #	93

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

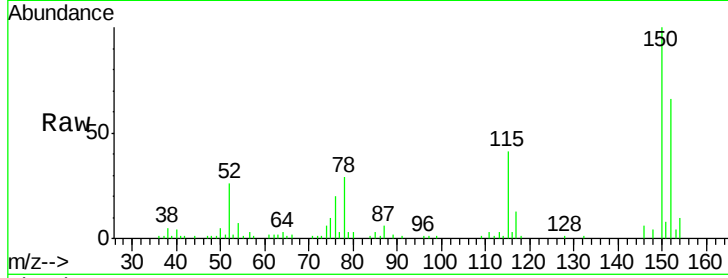


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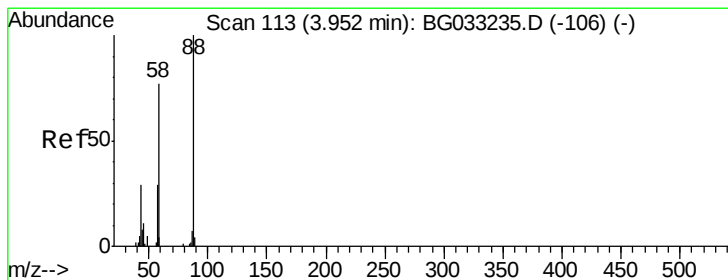
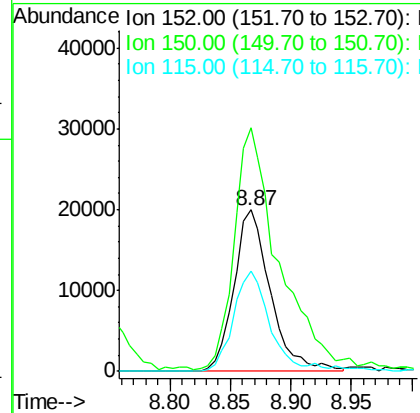
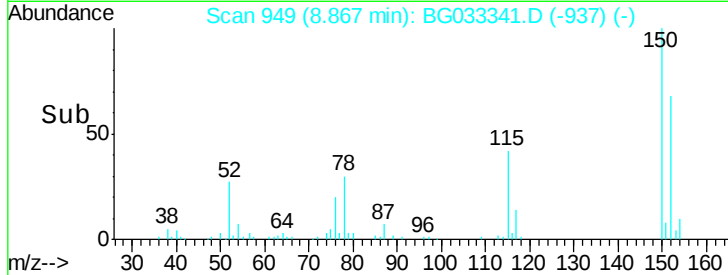
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.03 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	126.6	189.8
115	62.3	53.0	79.4



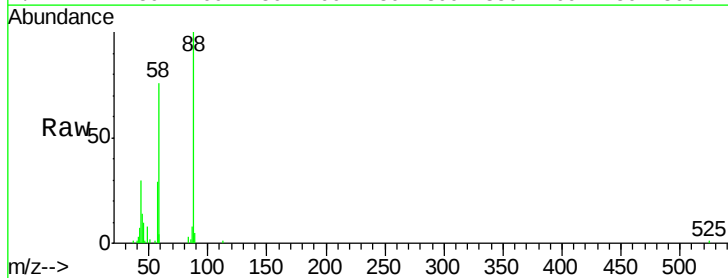
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



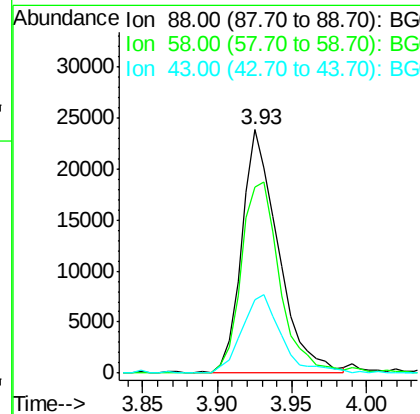
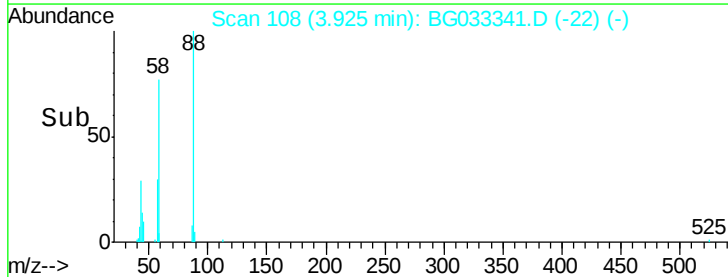
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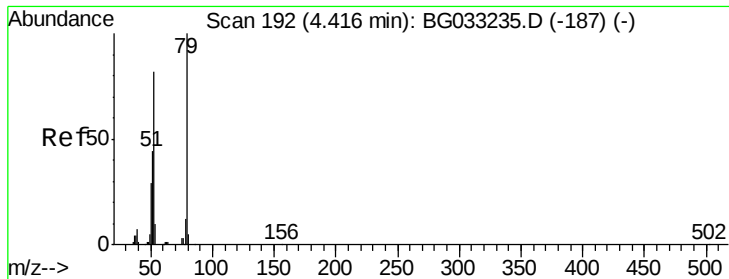
1,4-Dioxane
Concen: 35.654 ng
RT: 3.93 min Scan# 108
Delta R.T. -0.02 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.1	79.6	119.4
43	34.8	27.4	41.0



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





#3

Pvridine

Concen: 39.278 ng

RT: 4.39 min Scan# 187

Delta R.T. -0.02 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

Instrument :

BNA_G

ClientSampleId :

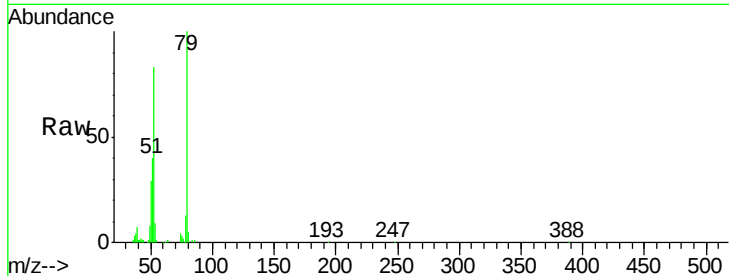
Tot Ion: 79 Resp: 123529

Ion Ratio Lower Upper

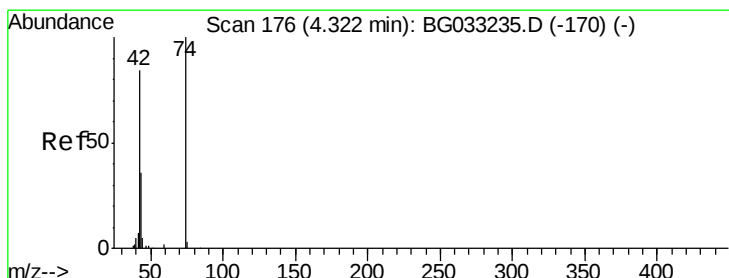
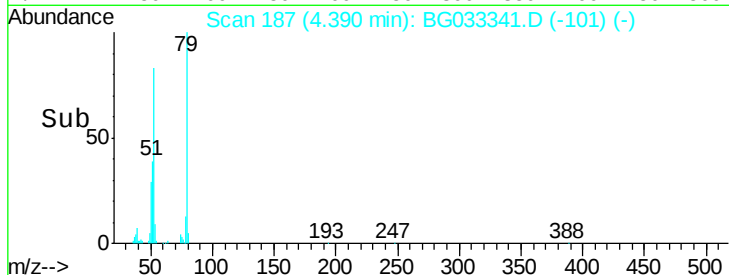
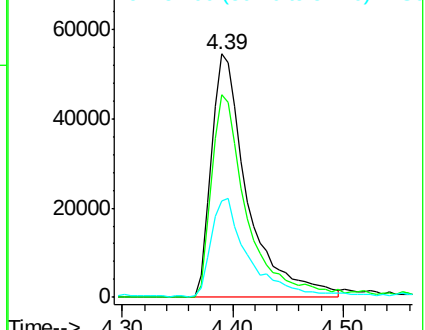
79 100

52 83.5 69.9 104.9

51 39.6 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: 39.004 ng

RT: 4.30 min Scan# 172

Delta R.T. -0.02 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

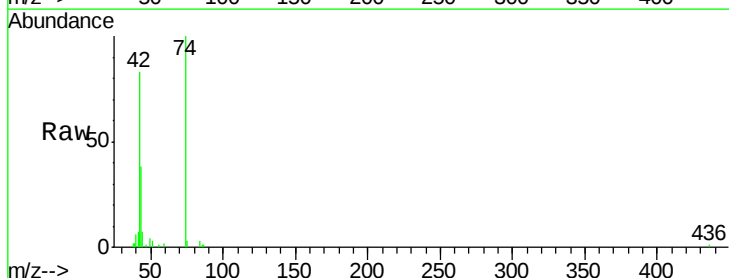
Tgt Ion: 42 Resp: 50341

Ion Ratio Lower Upper

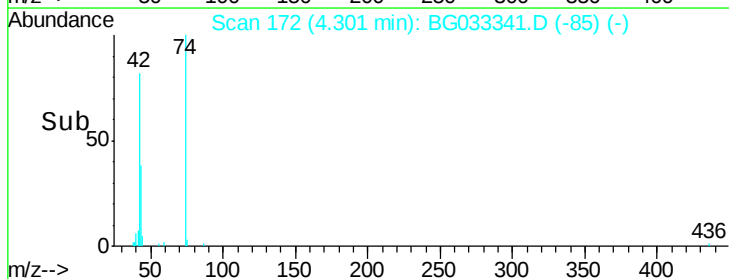
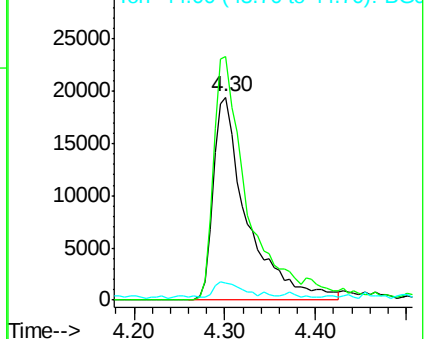
42 100

74 119.9 102.5 153.7

44 8.4 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: 85.141 ng

RT: 6.29 min Scan# 510

Delta R.T. -0.02 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

Instrument :

BNA_G

ClientSampleId :

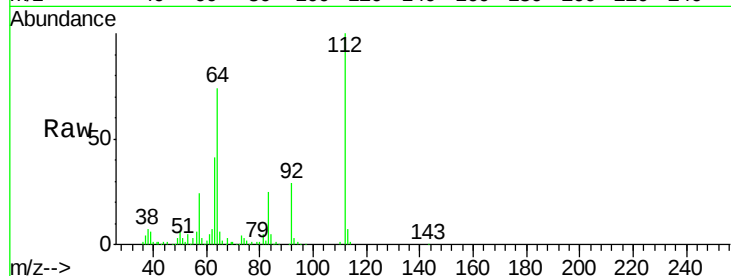
Tot Ion:112 Resp: 190741

Ion Ratio Lower Upper

112 100

64 73.8 56.3 84.5

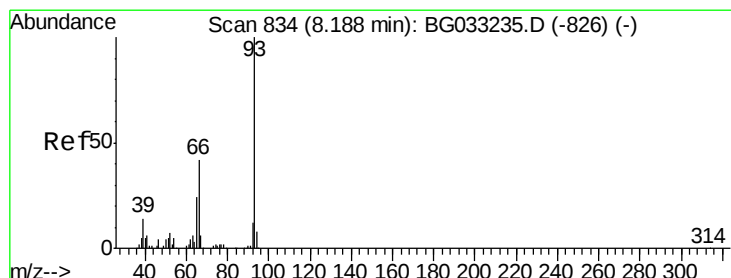
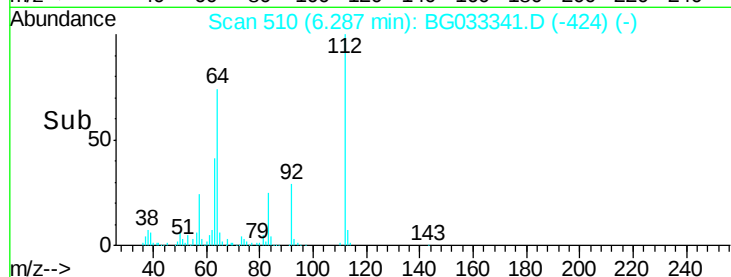
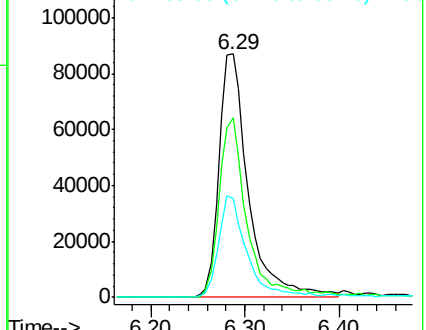
63 40.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.678 ng

RT: 8.16 min Scan# 829

Delta R.T. -0.02 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

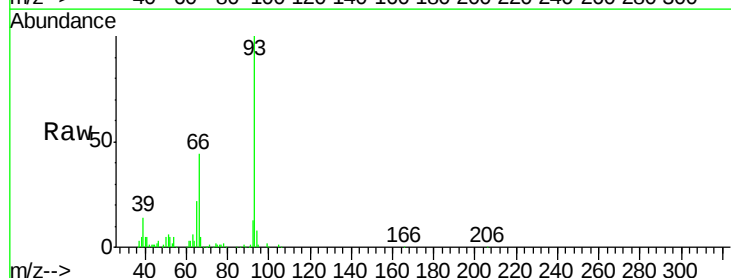
Tgt Ion: 93 Resp: 184136

Ion Ratio Lower Upper

93 100

66 44.1 33.7 50.5

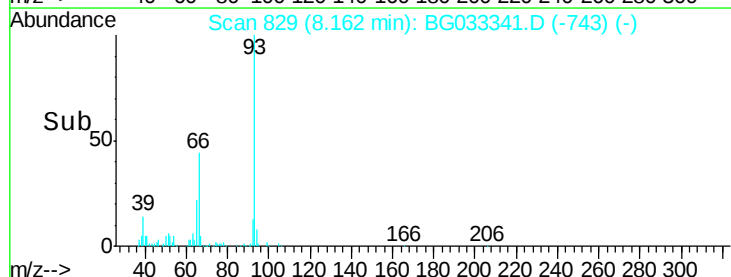
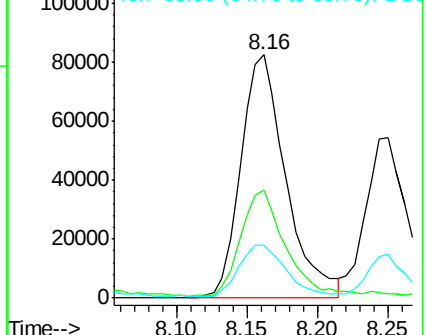
65 21.5 16.1 24.1

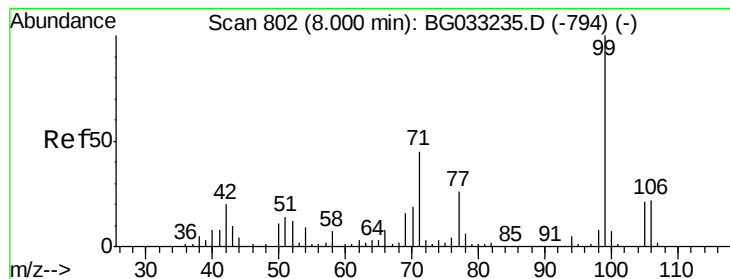


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 81.662 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.02 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

Instrument :

BNA_G

ClientSampleId :

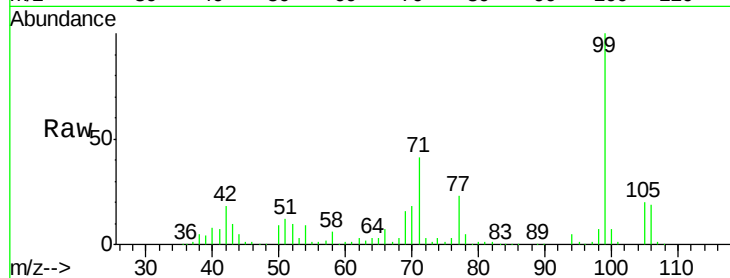
Tot Ion: 99 Resp: 314339

Ion Ratio Lower Upper

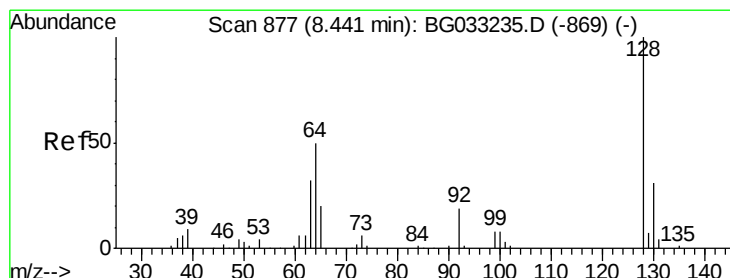
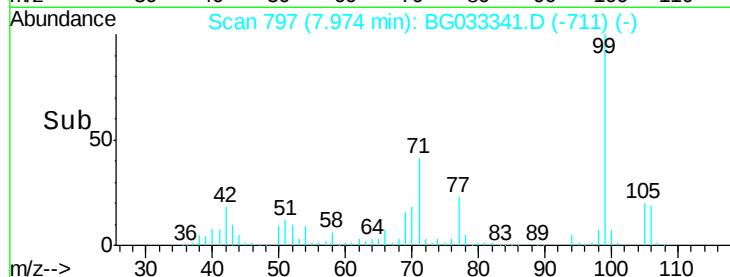
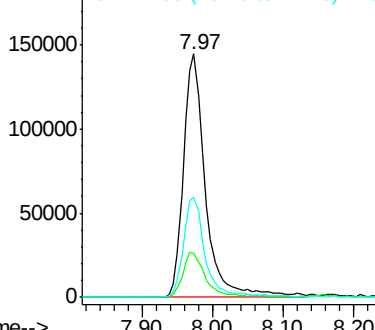
99 100

42 18.2 14.1 21.1

71 41.2 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: 41.616 ng

RT: 8.41 min Scan# 871

Delta R.T. -0.02 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

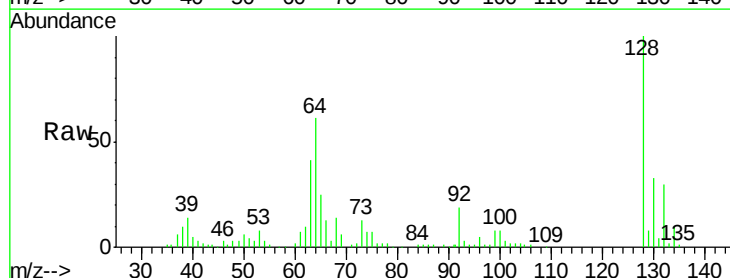
Tgt Ion: 128 Resp: 106583

Ion Ratio Lower Upper

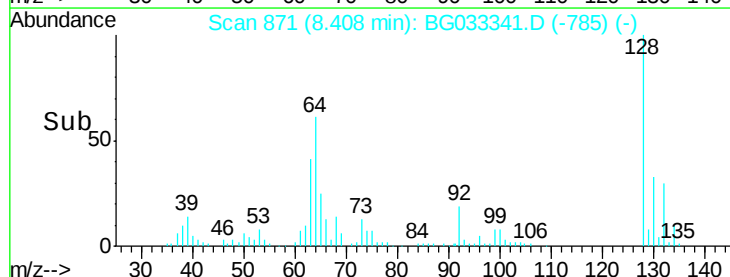
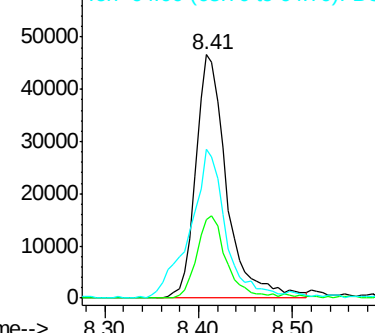
128 100

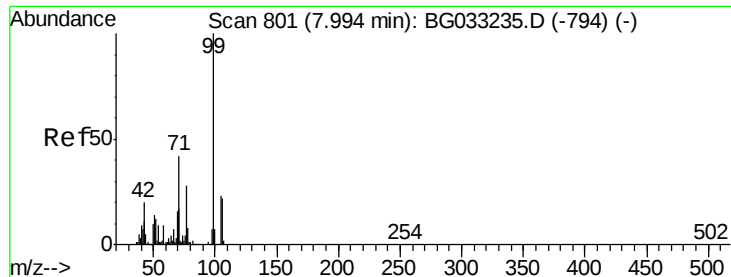
130 32.5 14.0 54.0

64 61.2 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: 34.637 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.02 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

Instrument :

BNA_G

ClientSampleId :

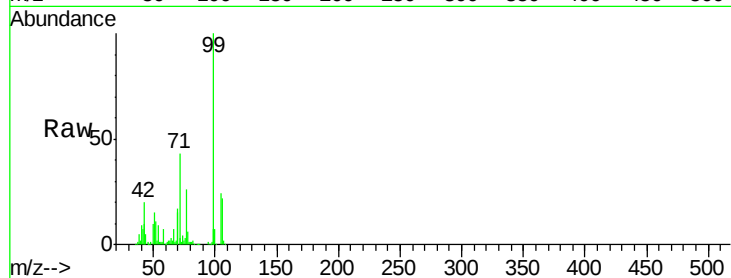
Tot Ion: 77 Resp: 84729

Ion Ratio Lower Upper

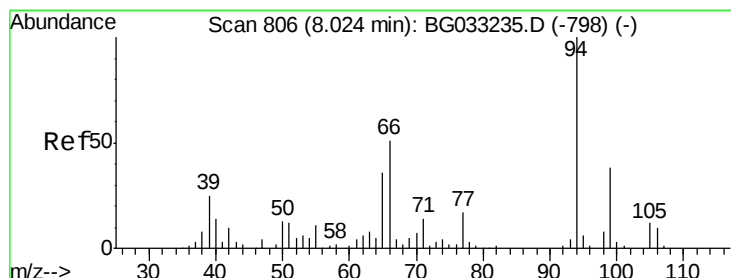
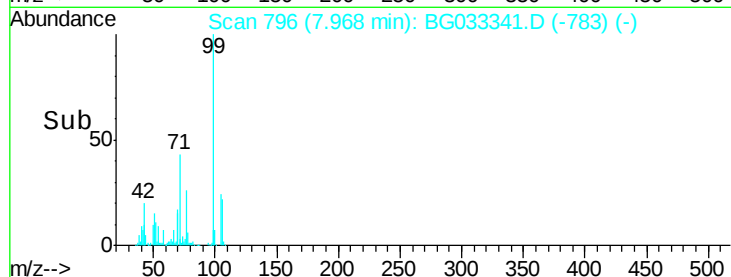
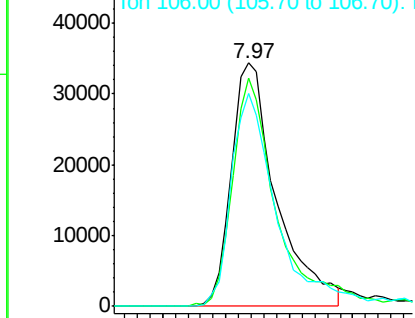
77 100

105 93.5 71.3 111.3

106 87.3 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: 41.125 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.02 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

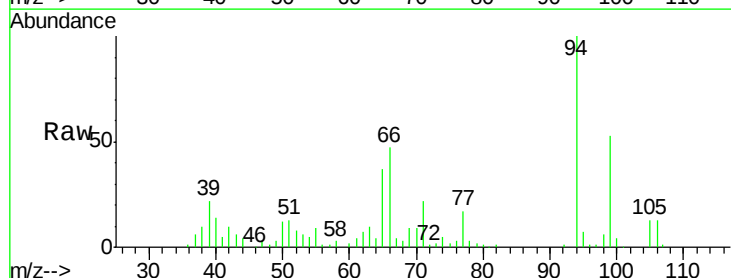
Tgt Ion: 94 Resp: 156294

Ion Ratio Lower Upper

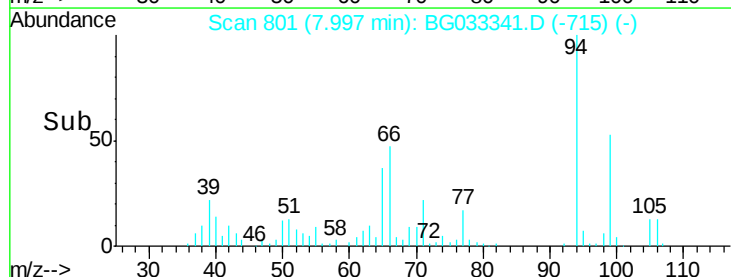
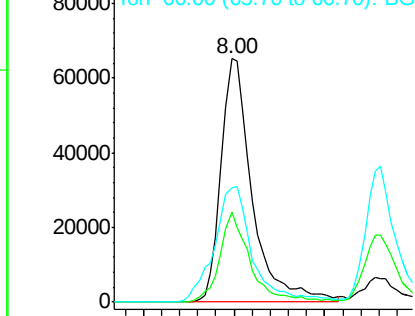
94 100

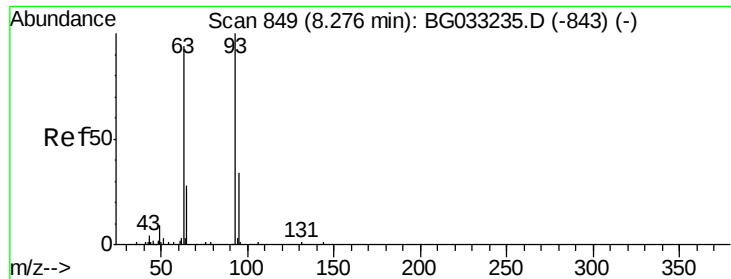
65 36.8 11.9 51.9

66 46.9 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

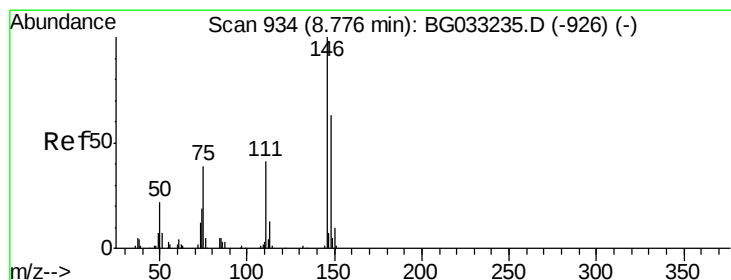
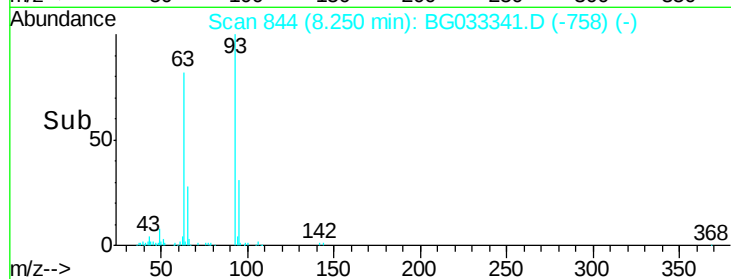
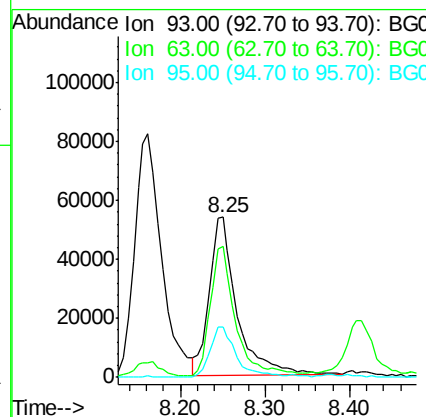
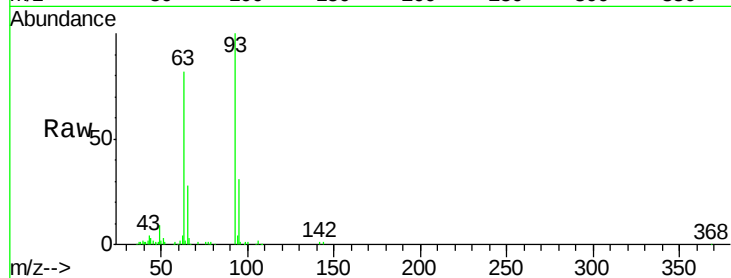




#11
 bis(2-Chloroethyl)ether
 Concen: 39.579 ng
 RT: 8.25 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BG033341.D
 Acq: 26 Mar 2018 22:25

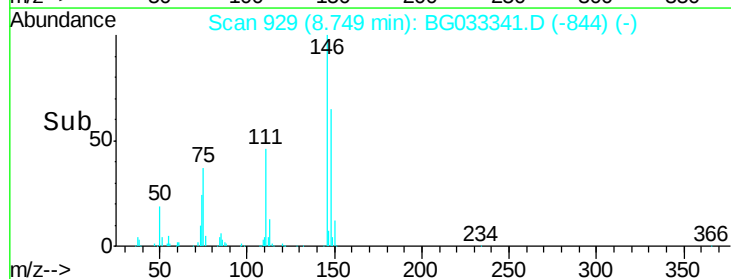
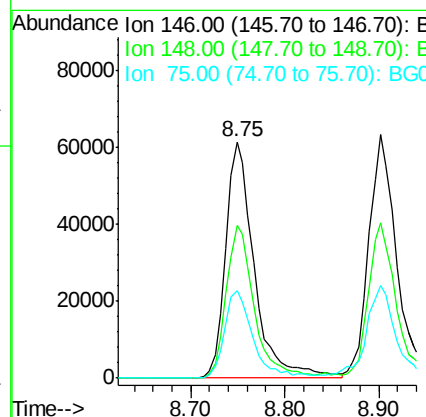
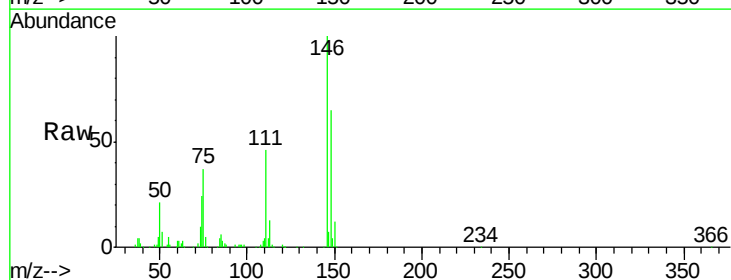
Instrument :
 BNA_G
 ClientSampled :

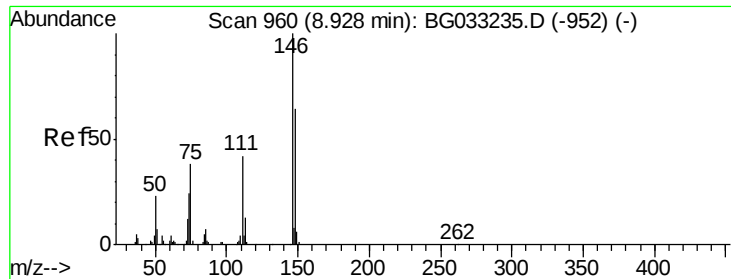
Tot Ion: 93 Resp: 122775
 Ion Ratio Lower Upper
 93 100
 63 82.0 67.1 107.1
 95 31.2 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 38.867 ng
 RT: 8.75 min Scan# 929
 Delta R.T. -0.03 min
 Lab File: BG033341.D
 Acq: 26 Mar 2018 22:25

Tgt Ion: 146 Resp: 130142
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.4 77.2
 75 37.1 26.6 39.8

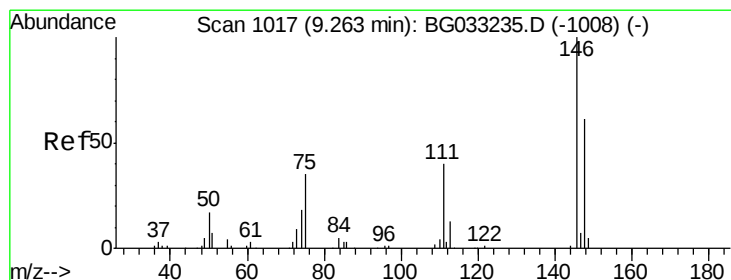
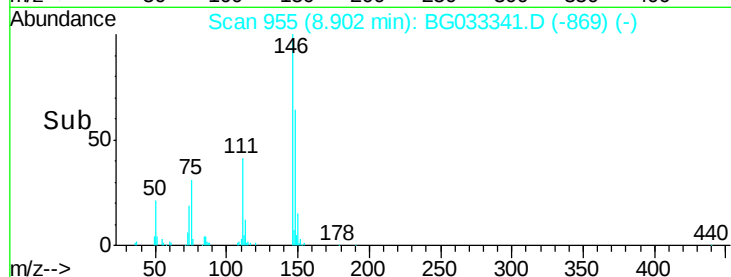
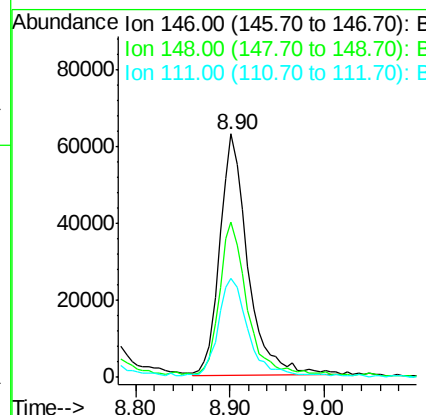
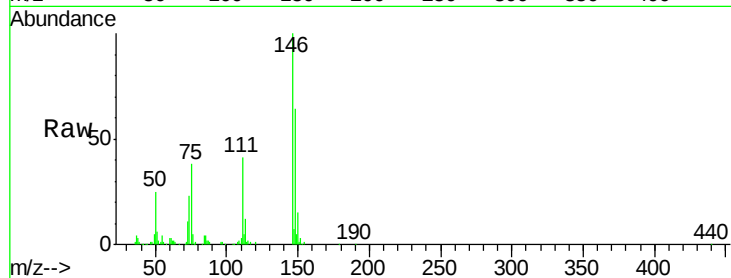




#13
1,4-Dichlorobenzene
Concen: 39.005 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.02 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

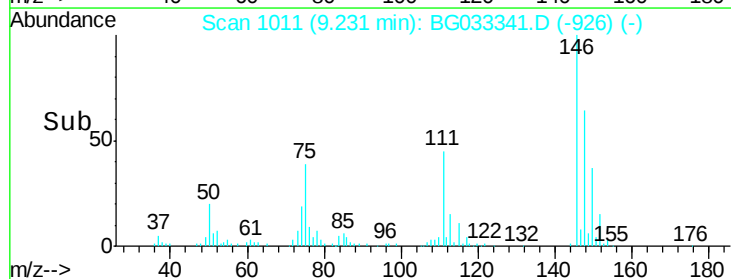
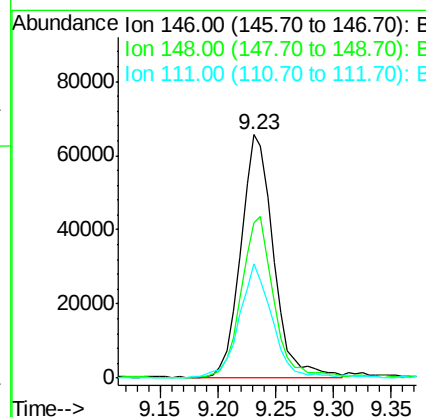
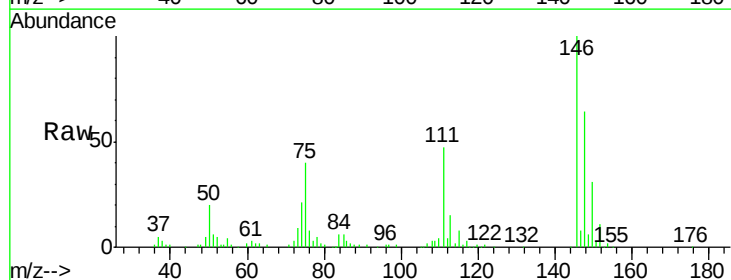
Instrument :
BNA_G
ClientSampleId :

Tot Ion:146 Resp: 130798
Ion Ratio Lower Upper
146 100
148 63.8 53.7 80.5
111 40.9 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 39.132 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.03 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

Tgt Ion:146 Resp: 128074
Ion Ratio Lower Upper
146 100
148 63.8 49.3 73.9
111 46.8 34.3 51.5





#15

Benzyl Alcohol

Concen: 41.098 ng

RT: 9.10 min Scan# 989

Delta R.T. -0.02 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

Instrument :

BNA_G

ClientSampleId :

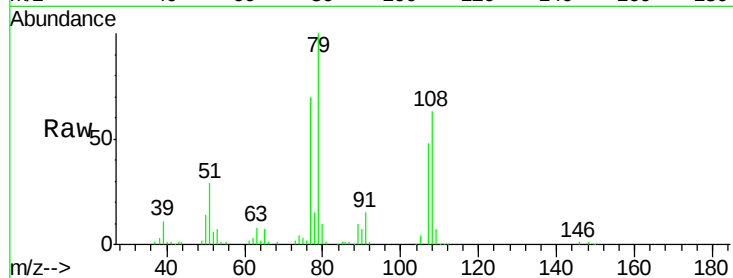
Tot Ion: 79 Resp: 124555

Ion Ratio Lower Upper

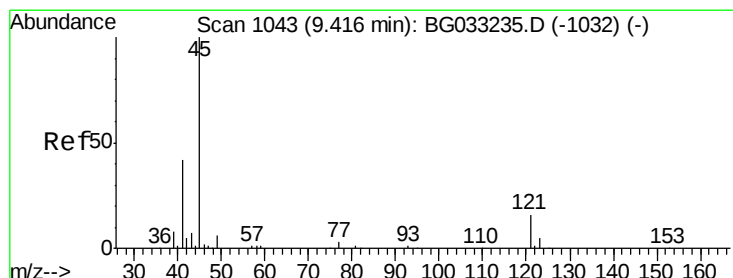
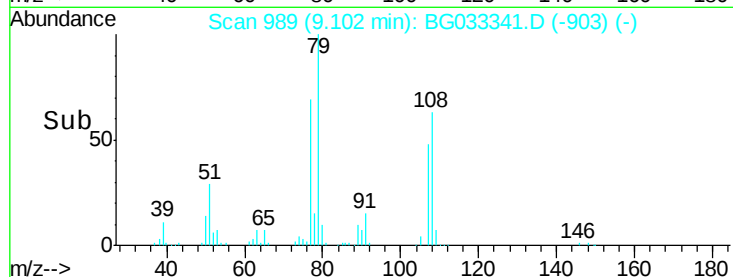
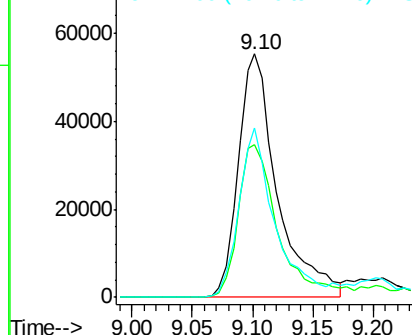
79 100

108 62.7 57.2 85.8

77 69.7 46.1 69.1#



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.401 ng

RT: 9.39 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

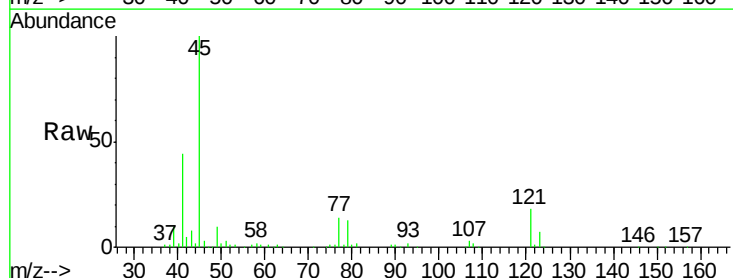
Tgt Ion: 45 Resp: 189136

Ion Ratio Lower Upper

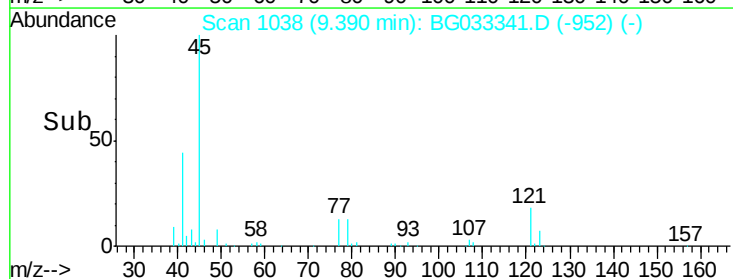
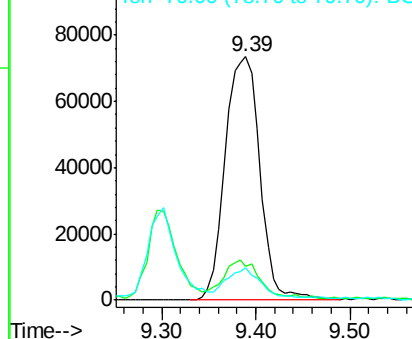
45 100

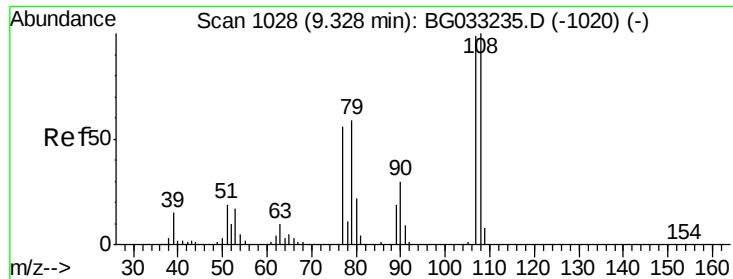
77 13.9 0.0 30.2

79 13.2 0.0 27.9



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

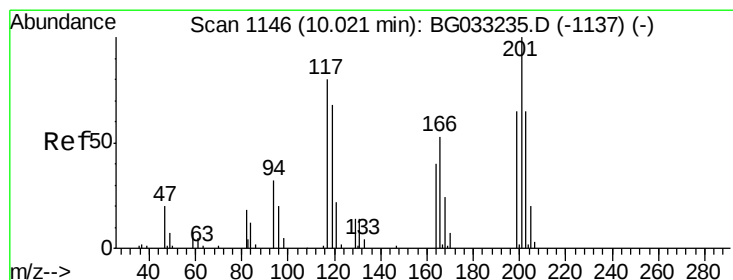
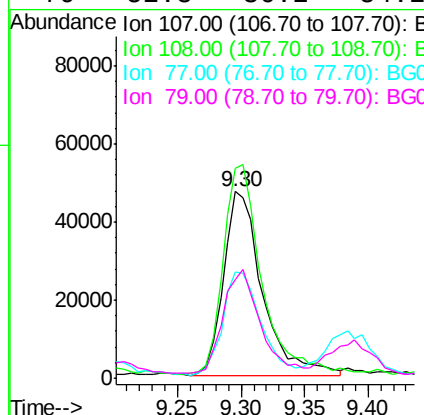
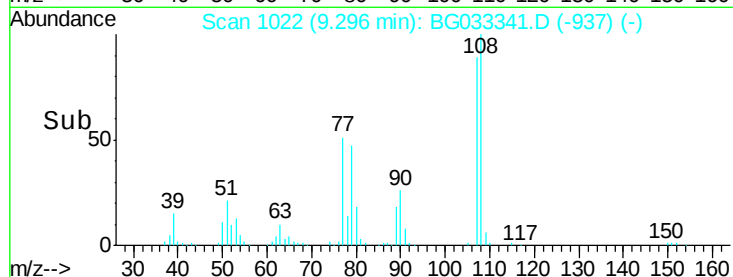
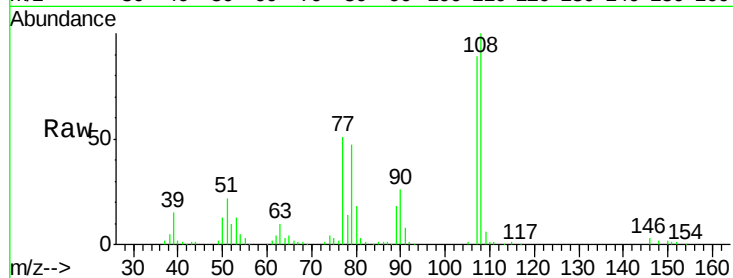




#17
 2-Methylphenol
 Concen: 38.704 ng
 RT: 9.30 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BG033341.D
 Acq: 26 Mar 2018 22:25

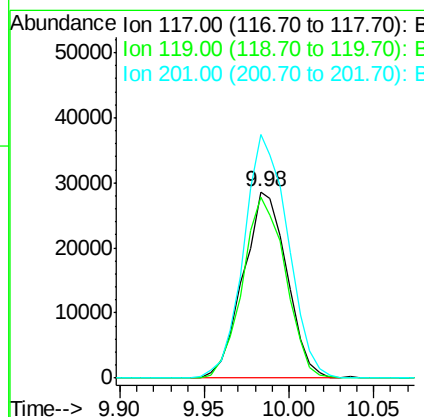
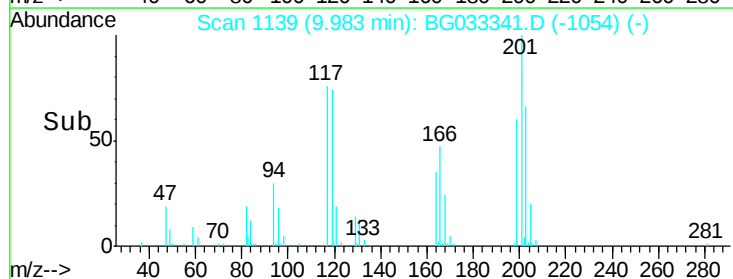
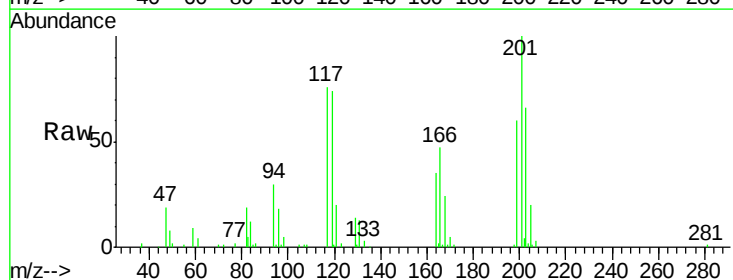
Instrument :
 BNA_G
 ClientSampled :

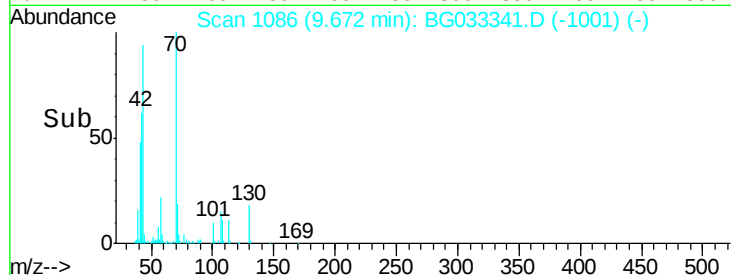
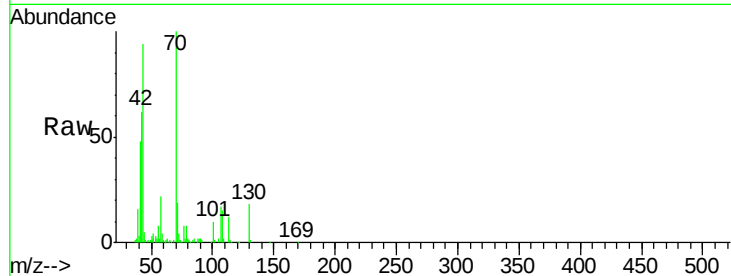
Tot Ion:	107	Resp:	100203
Ion	Ratio	Lower	Upper
107	100		
108	112.7	83.9	125.9
77	57.3	37.2	55.8#
79	52.8	36.2	54.2



#18
 Hexachloroethane
 Concen: 39.715 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.03 min
 Lab File: BG033341.D
 Acq: 26 Mar 2018 22:25

Tgt Ion:	117	Resp:	51401
Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.7	115.1
201	130.8	95.7	143.5

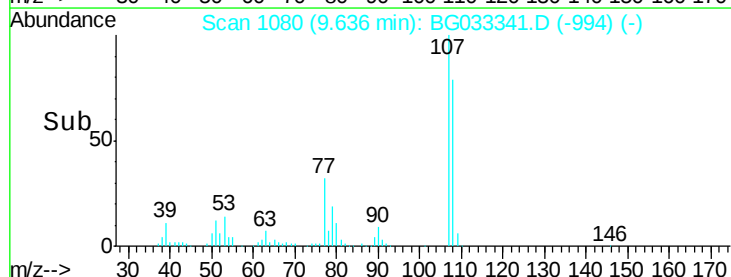
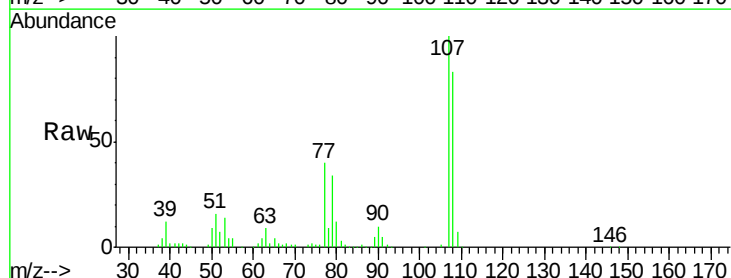
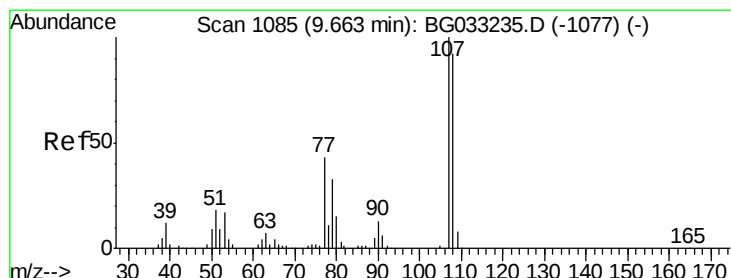
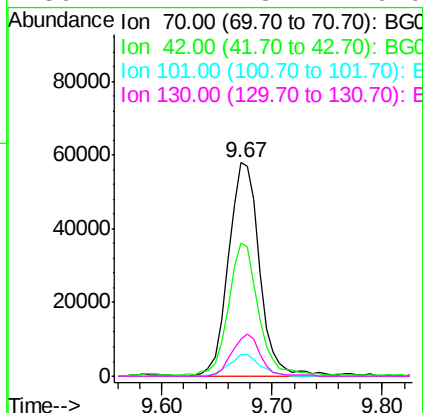




#19
n-Nitroso-di-n-propylamine
Concen: 40.555 ng
RT: 9.67 min Scan# 1086
Delta R.T. -0.03 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

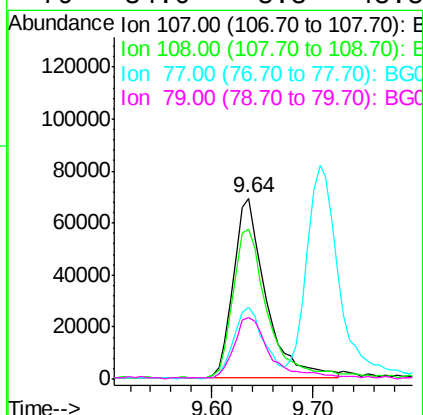
Instrument :
BNA_G
ClientSampleId :

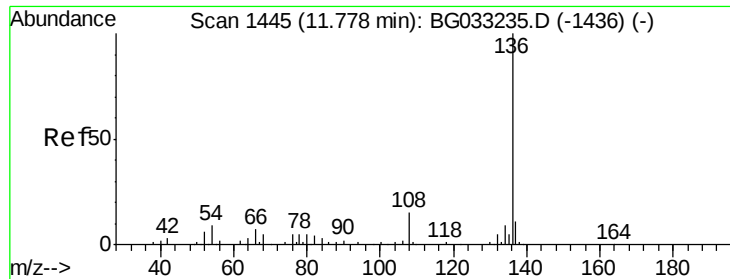
Tot Ion:	70	Resp:	114390
Ion	Ratio	Lower	Upper
70	100		
42	62.3	49.1	73.7
101	10.3	8.5	12.7
130	17.7	13.4	20.0



#20
3+4-Methylphenols
Concen: 42.128 ng
RT: 9.64 min Scan# 1080
Delta R.T. -0.02 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

Tgt Ion:	107	Resp:	155291
Ion	Ratio	Lower	Upper
107	100		
108	82.8	61.6	101.6
77	40.0	13.9	53.9
79	34.0	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.75 min Scan# 1440

Delta R.T. -0.03 min

Lab File: BG033341.D

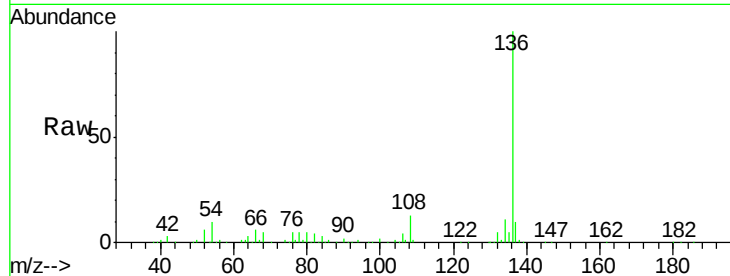
Acq: 26 Mar 2018 22:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	136	Resp:	184607
Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.2	13.8
54	10.2	10.3	15.5#
68	4.8	4.5	6.7

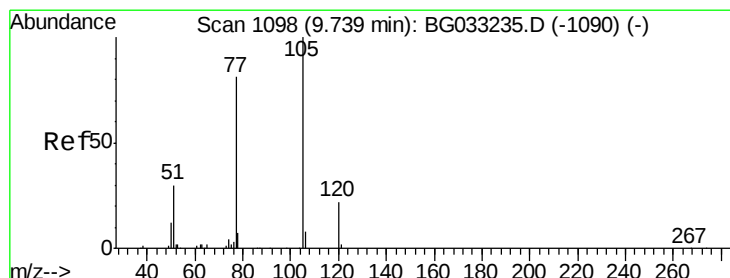
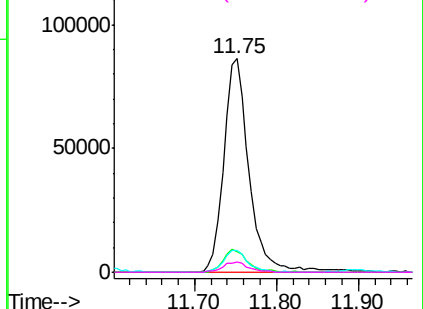
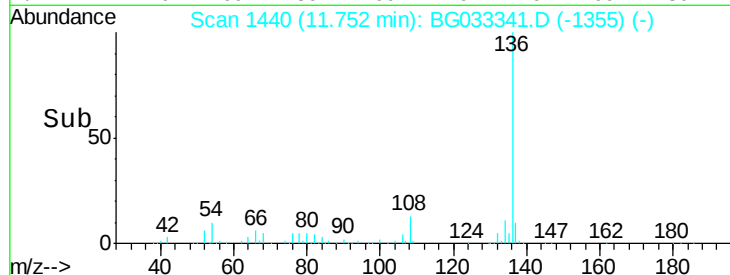


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.266 ng

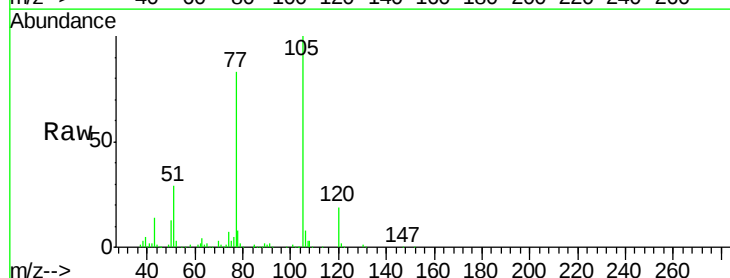
RT: 9.71 min Scan# 1092

Delta R.T. -0.03 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

Tgt Ion:	105	Resp:	213763
Ion	Ratio	Lower	Upper
105	100		
71	0.7	3.0	4.4#
51	29.2	26.1	39.1
120	19.2	17.4	26.2

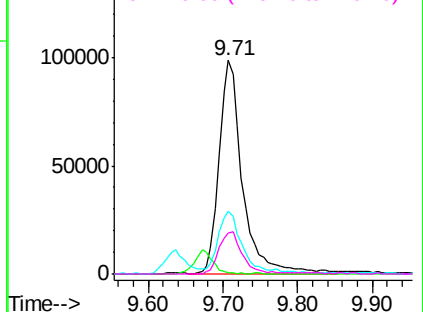
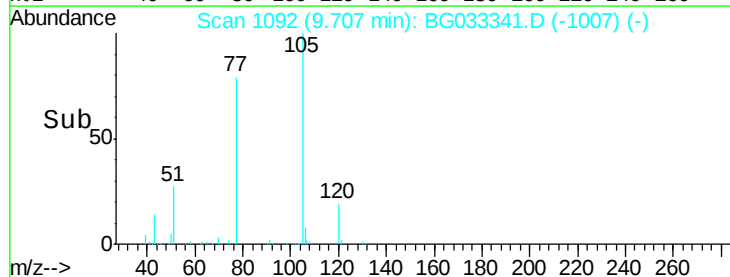


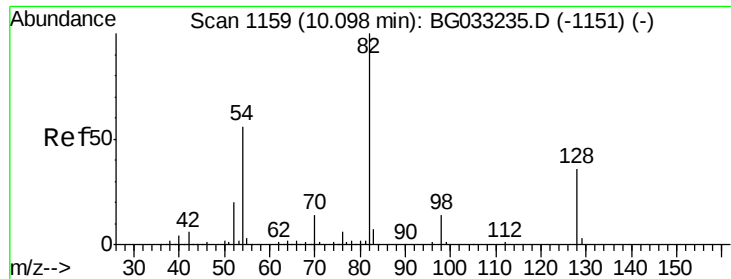
Abundance Ion 105.00 (104.70 to 105.70): E

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

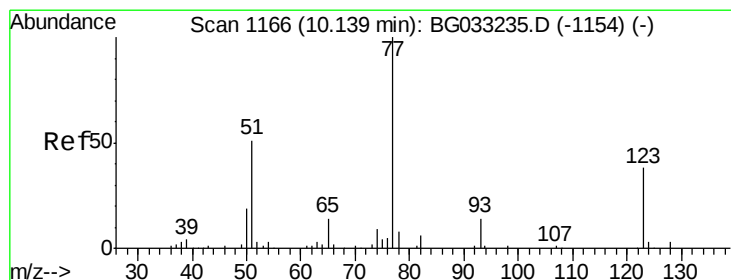
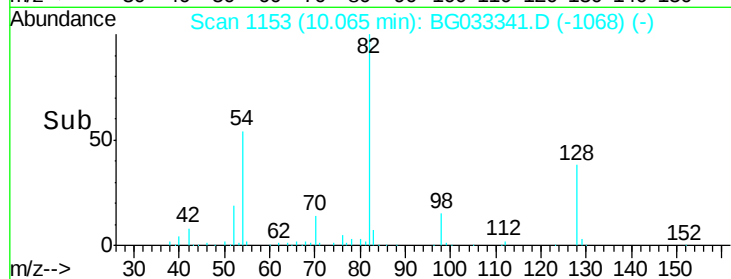
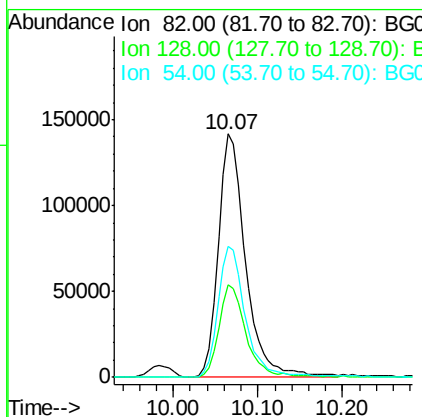
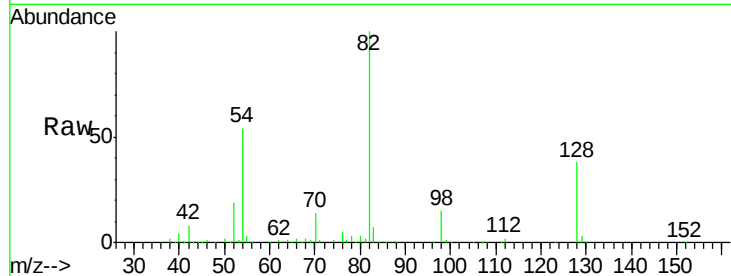




#23
Nitrobenzene-d5
Concen: 78.869 ng
RT: 10.07 min Scan# 1153
Delta R.T. -0.03 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

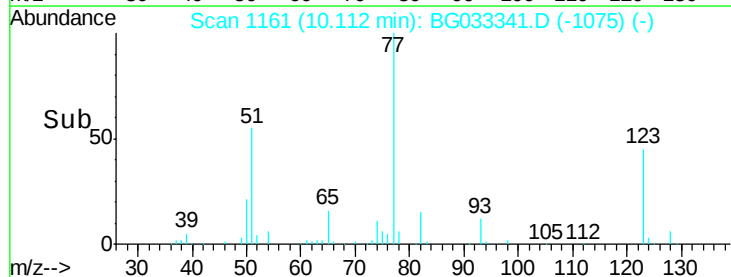
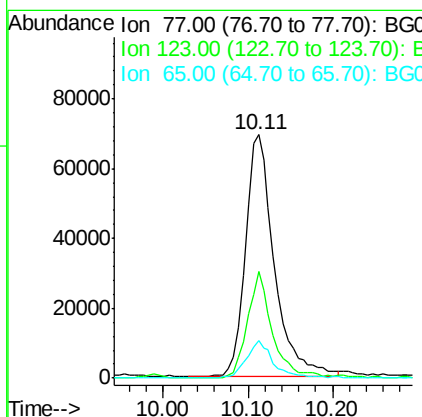
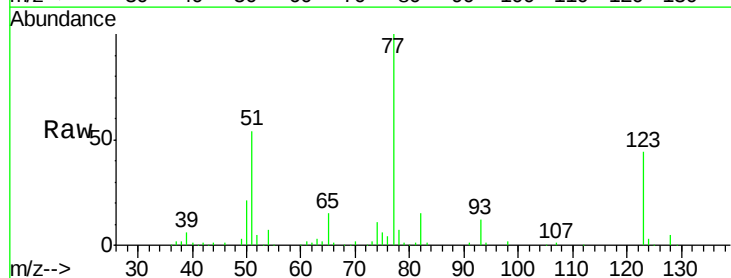
Instrument :
BNA_G
ClientSampled :

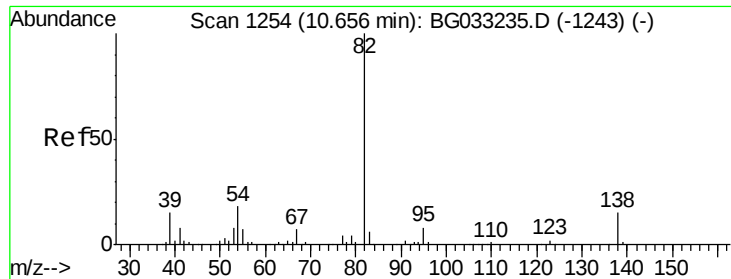
Tot Ion	82	Resp	316902
Ion Ratio	Lower	Upper	
82	100		
128	37.8	29.7	44.5
54	53.7	43.1	64.7



#24
Nitrobenzene
Concen: 38.324 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

Tgt Ion	77	Resp	164826
Ion Ratio	Lower	Upper	
77	100		
123	43.8	33.0	49.6
65	15.4	13.0	19.6





#25

Isophorone

Concen: 39.675 ng

RT: 10.63 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

Instrument :

BNA_G

ClientSampleId :

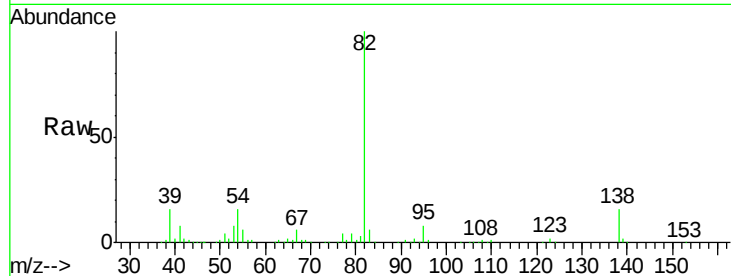
Tot Ion: 82 Resp: 309403

Ion Ratio Lower Upper

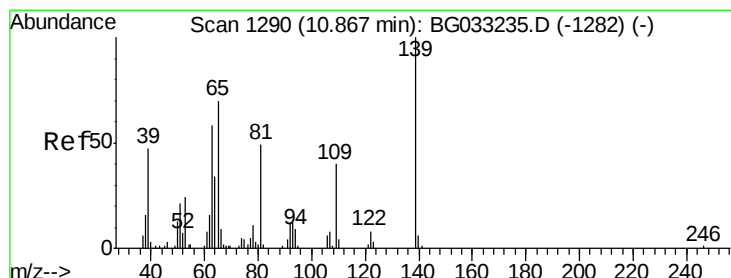
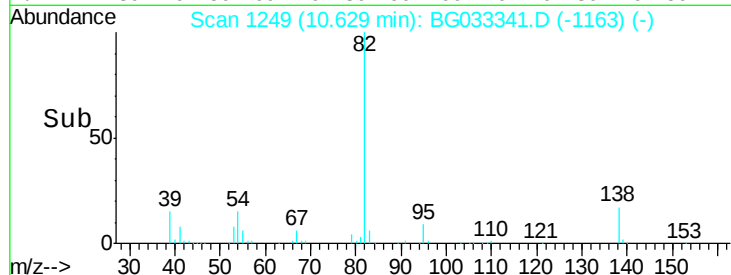
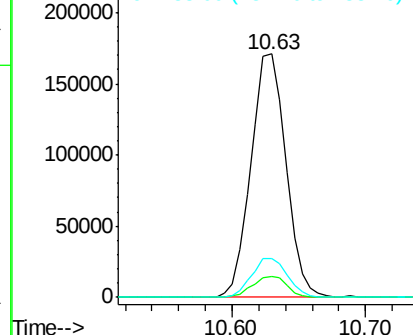
82 100

95 8.3 6.2 9.2

138 16.0 12.1 18.1



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



#26

2-Nitrophenol

Concen: 41.642 ng

RT: 10.83 min Scan# 1284

Delta R.T. -0.03 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

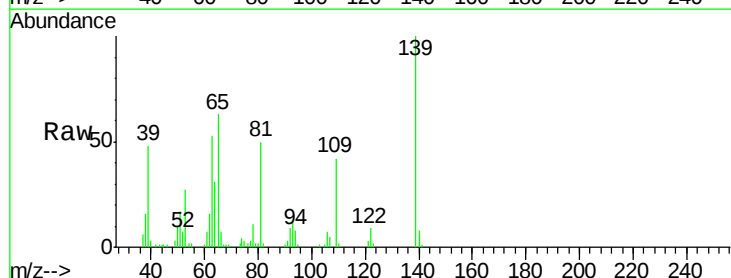
Tgt Ion: 139 Resp: 67805

Ion Ratio Lower Upper

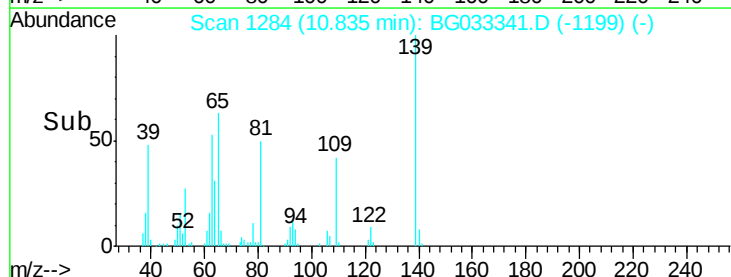
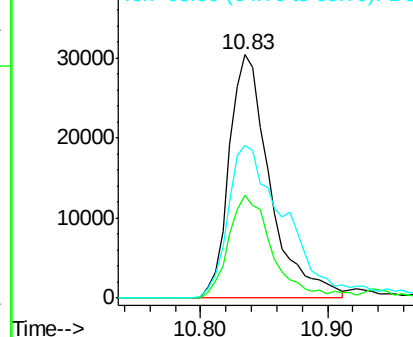
139 100

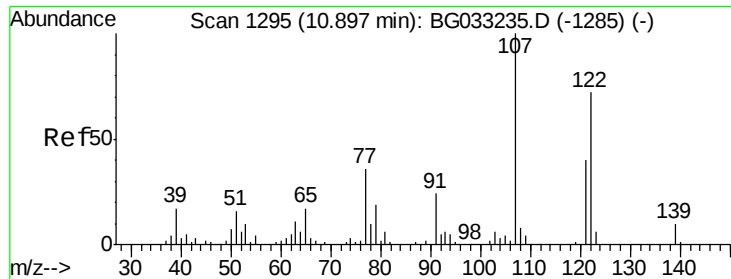
109 42.3 24.2 36.2#

65 62.9 47.4 71.0



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

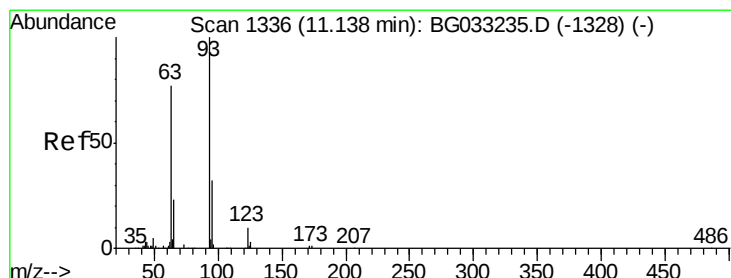
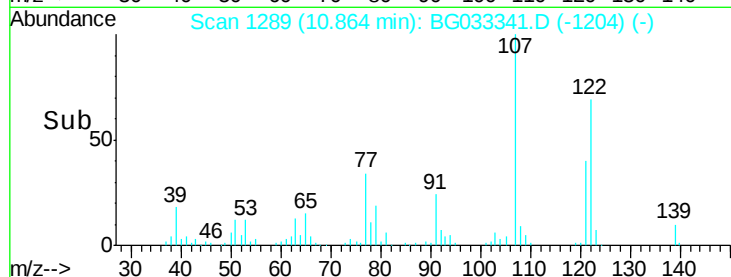
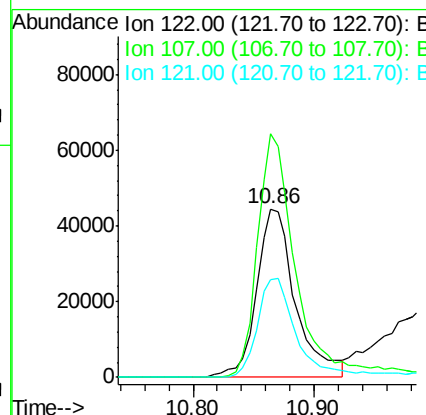
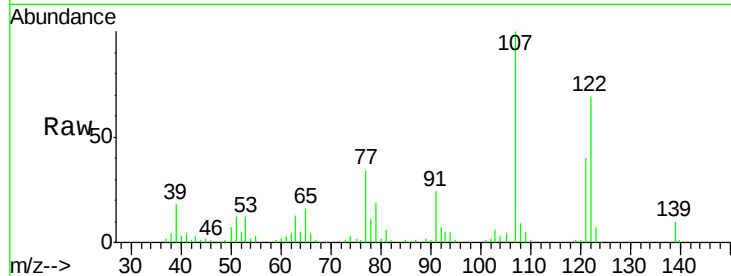




#27
 2,4-Dimethylphenol
 Concen: 42.056 ng
 RT: 10.86 min Scan# 1289
 Delta R.T. -0.03 min
 Lab File: BG033341.D
 Acq: 26 Mar 2018 22:25

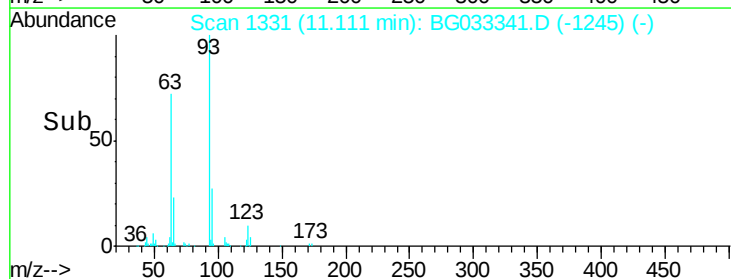
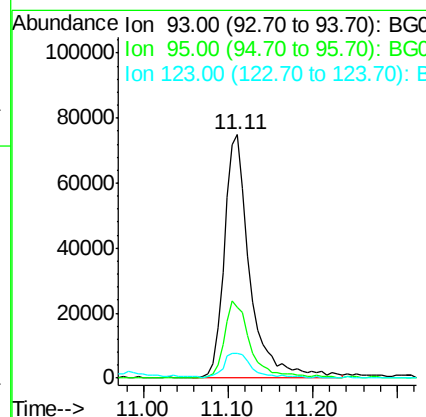
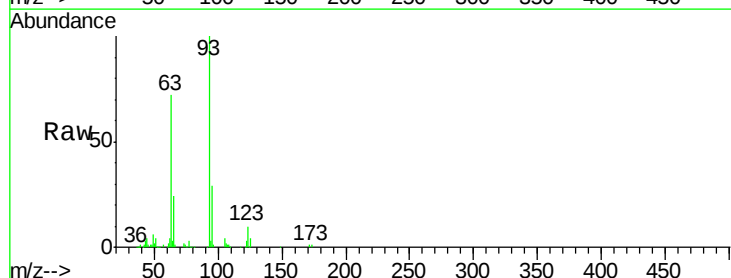
Instrument :
 BNA_G
 ClientSampleId :

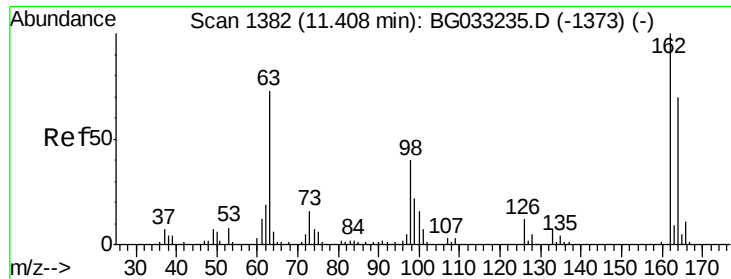
Tot Ion:122 Resp: 99479
 Ion Ratio Lower Upper
 122 100
 107 144.5 100.2 150.2
 121 57.9 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.476 ng
 RT: 11.11 min Scan# 1331
 Delta R.T. -0.02 min
 Lab File: BG033341.D
 Acq: 26 Mar 2018 22:25

Tgt Ion: 93 Resp: 157495
 Ion Ratio Lower Upper
 93 100
 95 29.3 24.3 36.5
 123 10.4 8.4 12.6

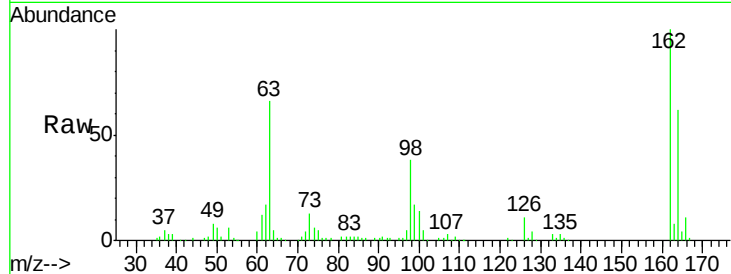




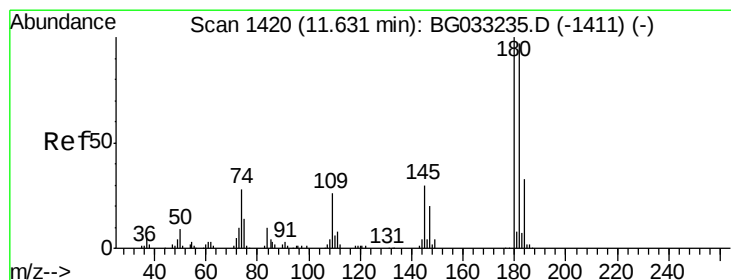
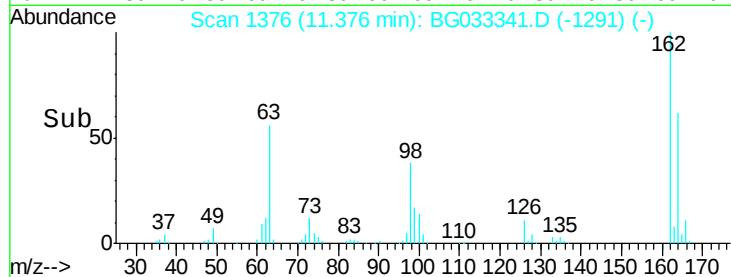
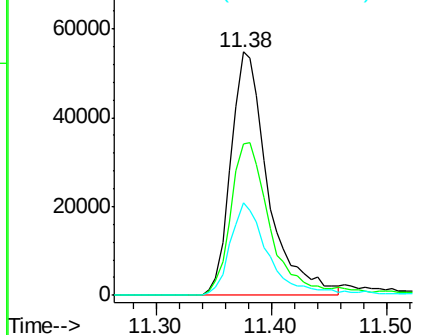
#29
 2,4-Dichlorophenol
 Concen: 42.140 ng
 RT: 11.38 min Scan# 1376
 Delta R.T. -0.03 min
 Lab File: BG033341.D
 Acq: 26 Mar 2018 22:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 122583
 Ion Ratio Lower Upper
 162 100
 164 62.3 48.0 88.0
 98 37.8 21.1 61.1

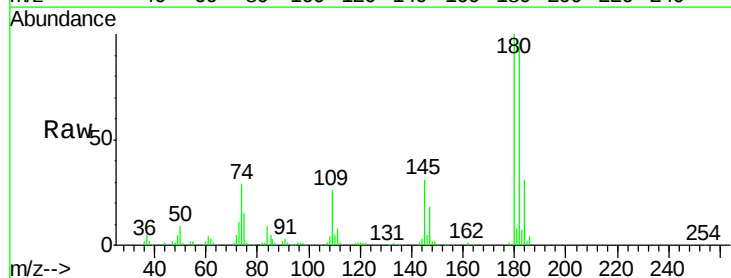


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

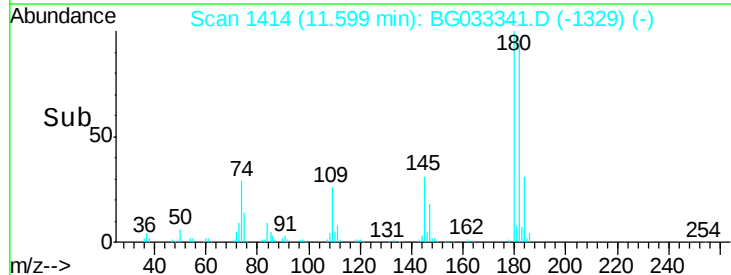
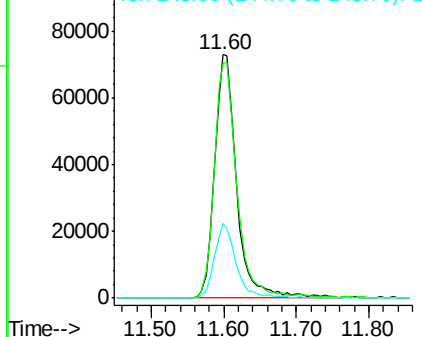


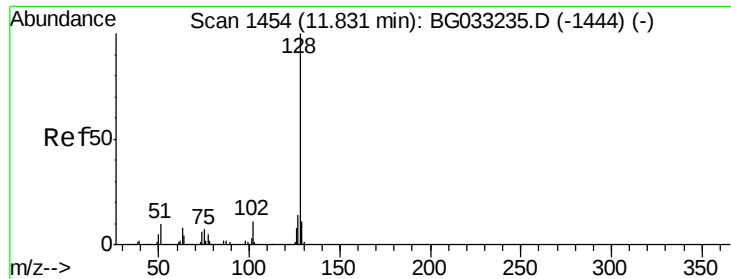
#30
 1,2,4-Trichlorobenzene
 Concen: 40.645 ng
 RT: 11.60 min Scan# 1414
 Delta R.T. -0.03 min
 Lab File: BG033341.D
 Acq: 26 Mar 2018 22:25

Tgt Ion:180 Resp: 153614
 Ion Ratio Lower Upper
 180 100
 182 96.3 77.5 116.3
 145 30.9 23.4 35.2



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

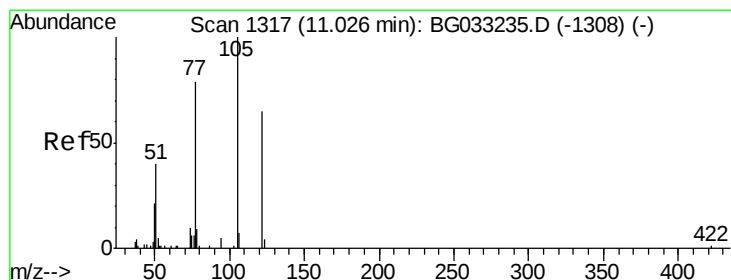
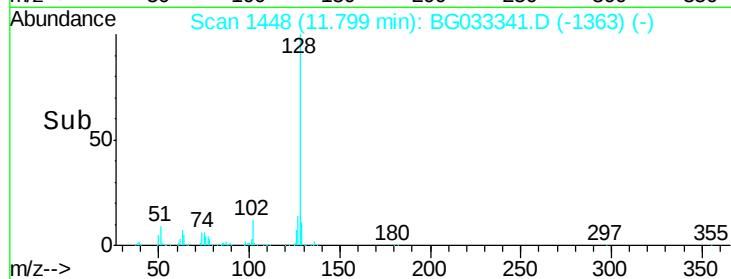
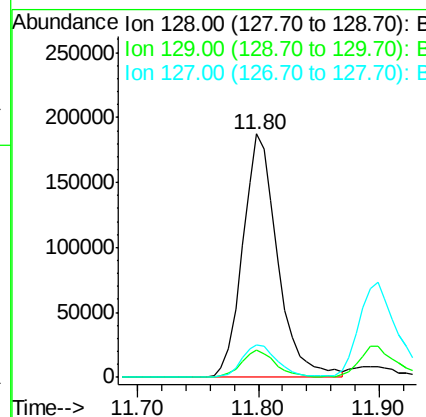
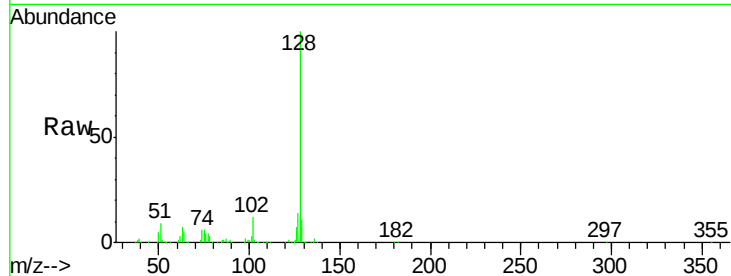




#31
Naphthalene
Concen: 39.249 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.03 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

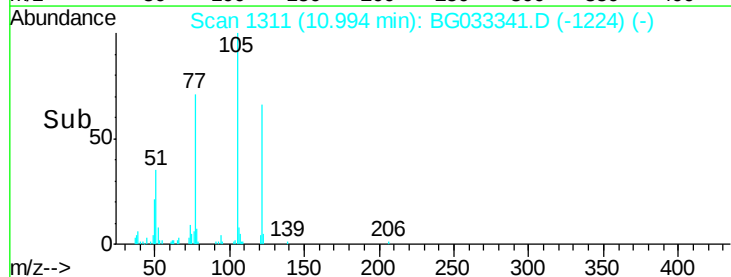
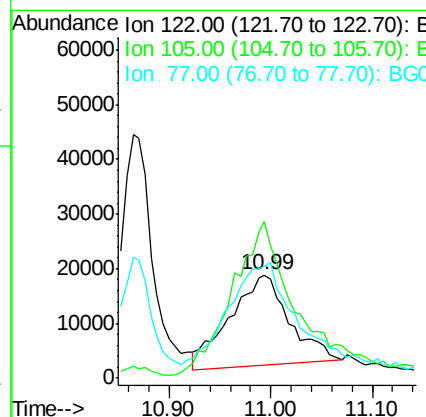
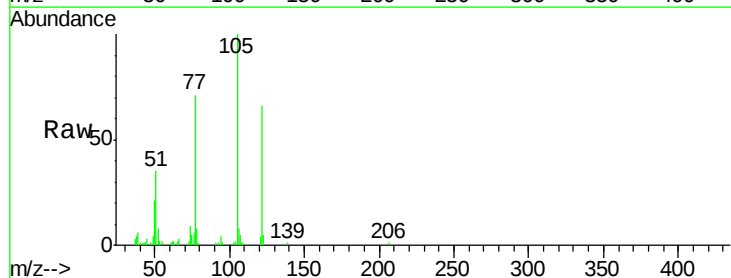
Instrument :
BNA_G
ClientSampleId :

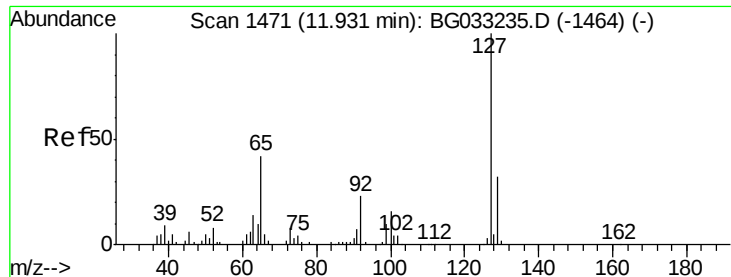
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.6	11.6	17.4



#32
Benzoic acid
Concen: 30.593 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	151.9	123.5	163.5
77	108.5	85.7	125.7

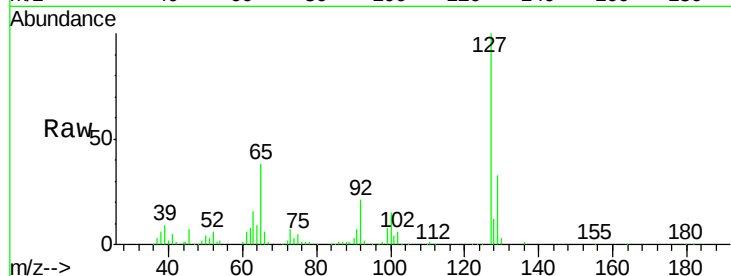




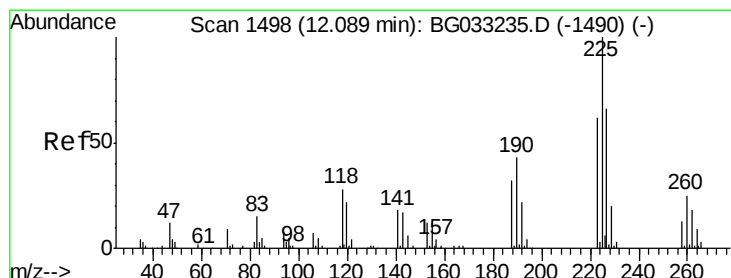
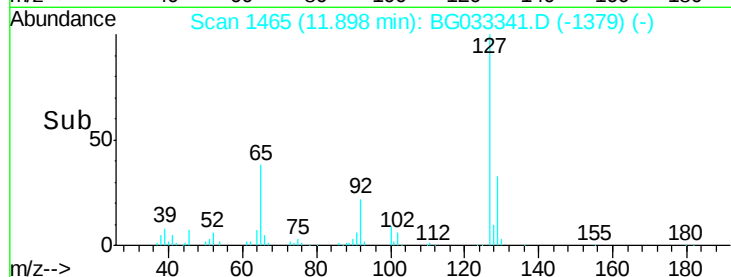
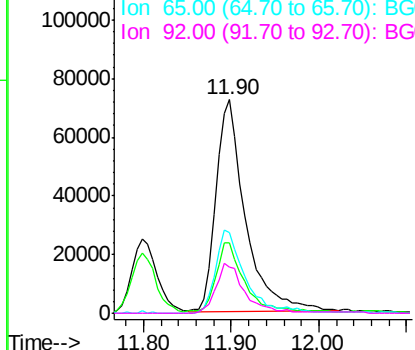
#33
4-Chloroaniline
Concen: 39.226 ng
RT: 11.90 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	168121
Ion	Ratio	Lower	Upper
127	100		
129	32.8	24.0	36.0
65	37.8	27.0	40.4
92	21.5	16.6	25.0

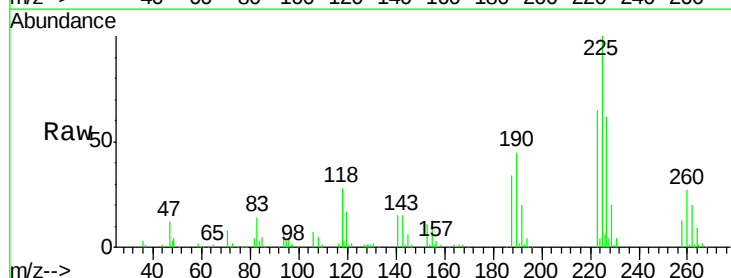


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

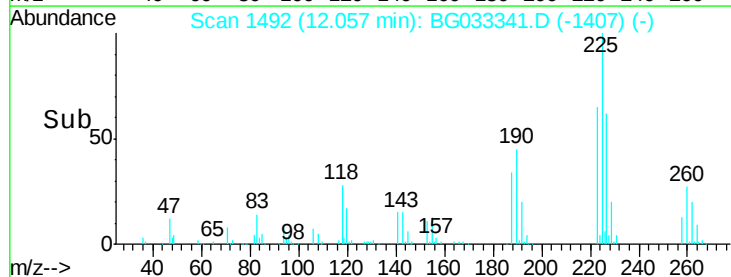
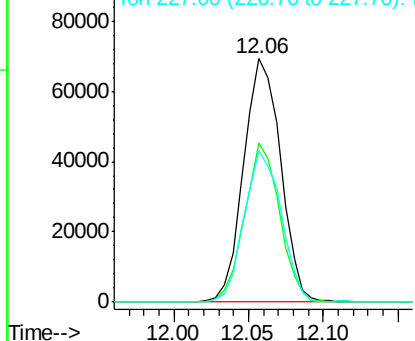


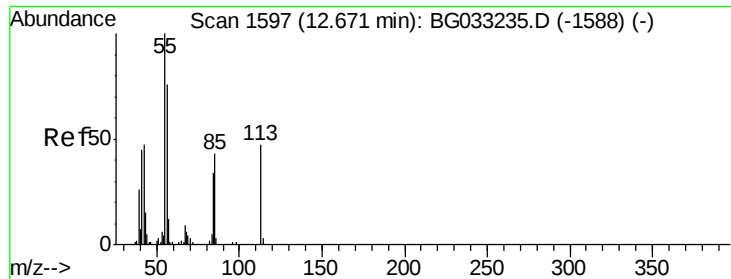
#34
Hexachlorobutadiene
Concen: 41.524 ng
RT: 12.06 min Scan# 1492
Delta R.T. -0.03 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

Tgt Ion:	225	Resp:	118679
Ion	Ratio	Lower	Upper
225	100		
223	65.4	49.7	74.5
227	66.0	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

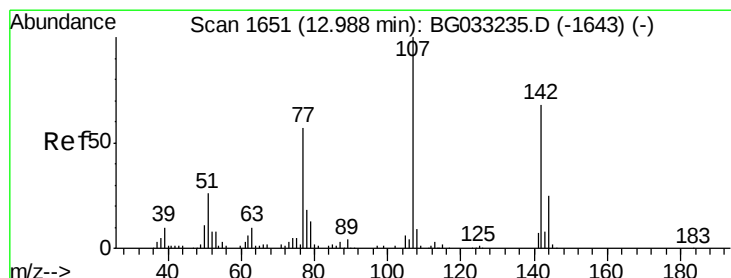
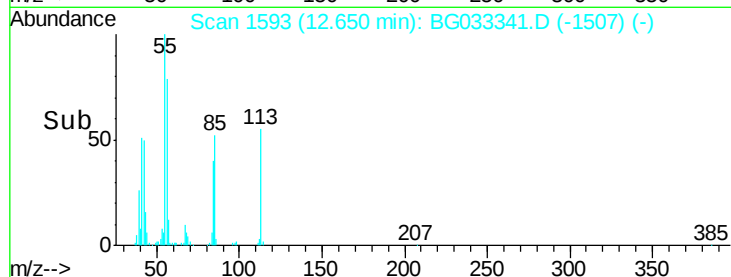
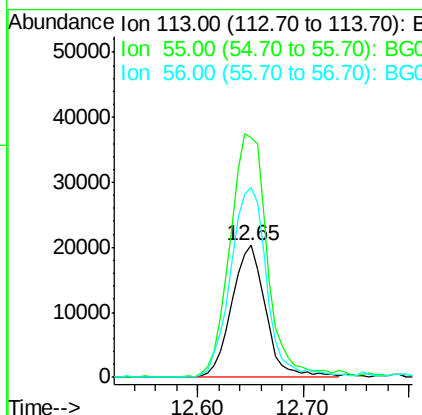
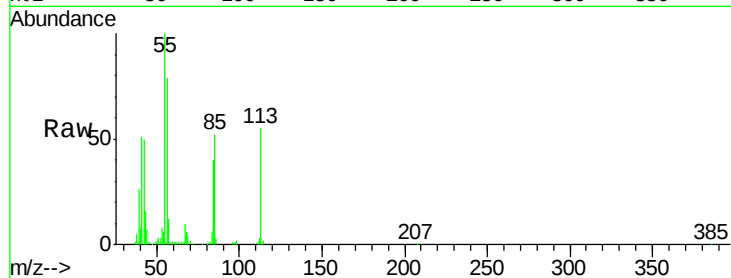




#35
 Caprolactam
 Concen: 39.857 ng
 RT: 12.65 min Scan# 1593
 Delta R.T. -0.02 min
 Lab File: BG033341.D
 Acq: 26 Mar 2018 22:25

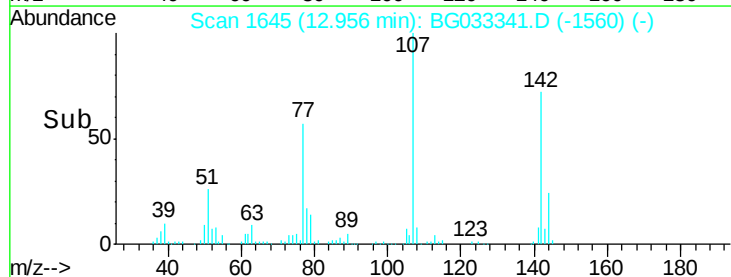
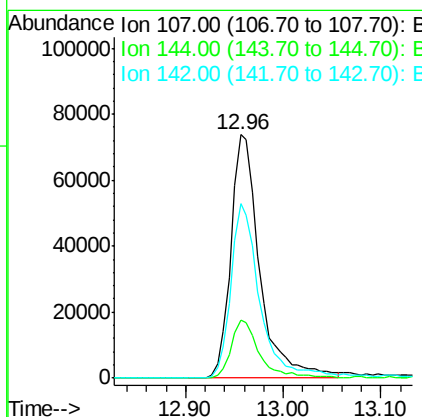
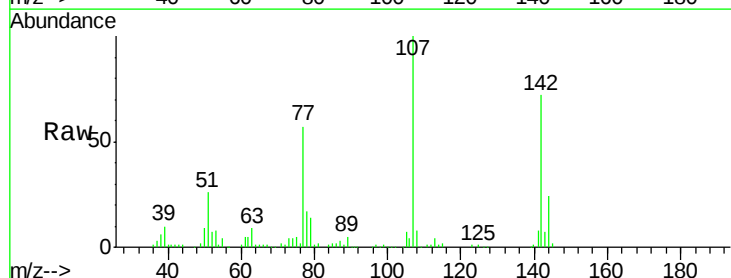
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 45422
 Ion Ratio Lower Upper
 113 100
 55 182.0 186.9 226.9#
 56 144.4 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.063 ng
 RT: 12.96 min Scan# 1645
 Delta R.T. -0.03 min
 Lab File: BG033341.D
 Acq: 26 Mar 2018 22:25

Tgt Ion:107 Resp: 152002
 Ion Ratio Lower Upper
 107 100
 144 23.7 18.2 27.4
 142 71.6 59.0 88.4

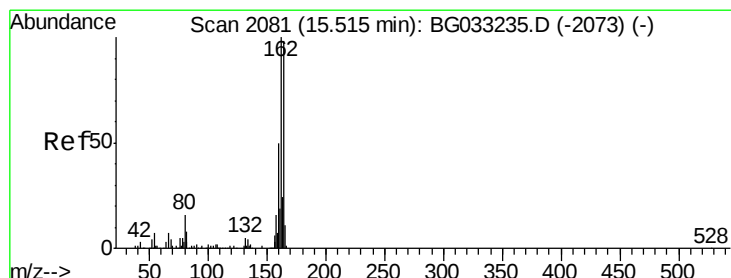
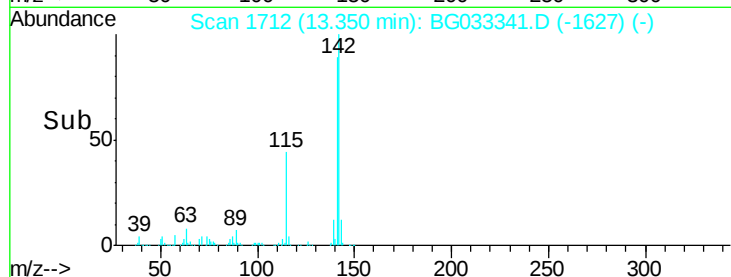
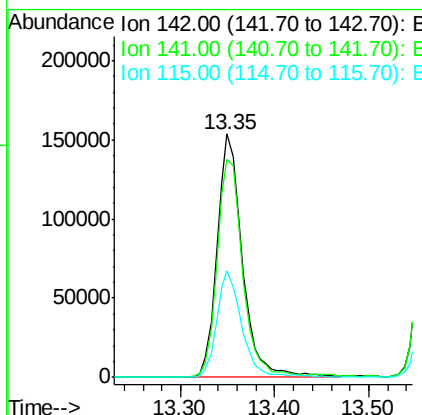
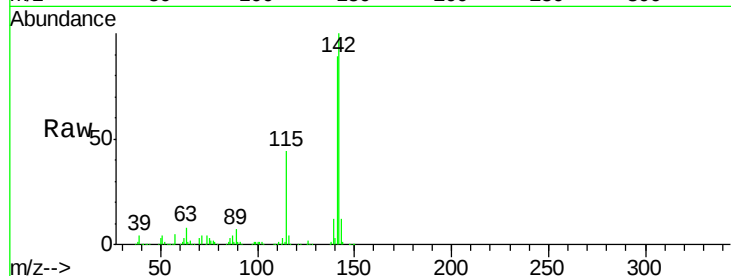




#37
 2-Methylnaphthalene
 Concen: 38.810 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.03 min
 Lab File: BG033341.D
 Acq: 26 Mar 2018 22:25

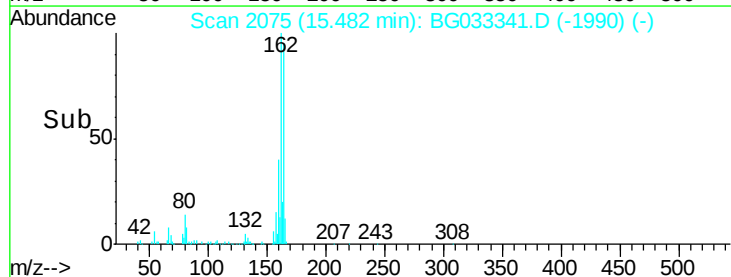
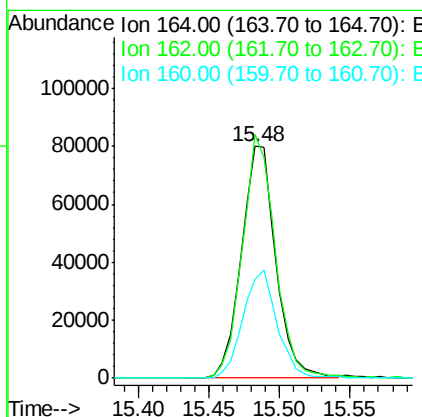
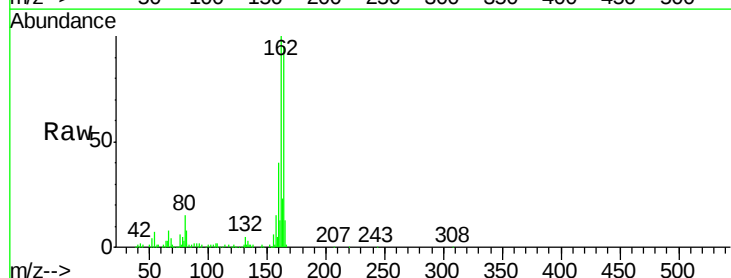
Instrument :
 BNA_G
 ClientSampleId :

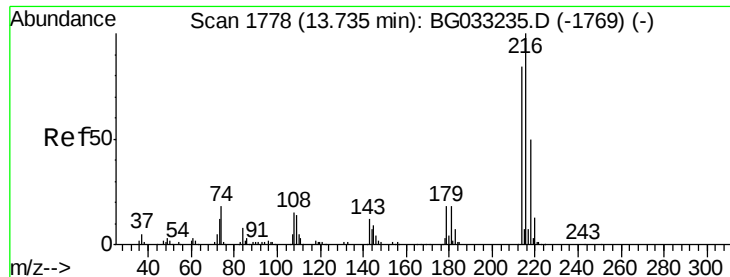
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	67.1	100.7
115	43.8	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.03 min
 Lab File: BG033341.D
 Acq: 26 Mar 2018 22:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	78.8	118.2
160	42.4	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.187 ng

RT: 13.70 min Scan# 1772

Delta R.T. -0.03 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 203967

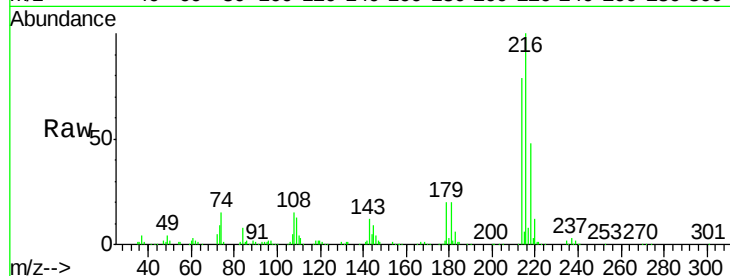
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 20.1 17.0 25.6

108 15.2 12.8 19.2

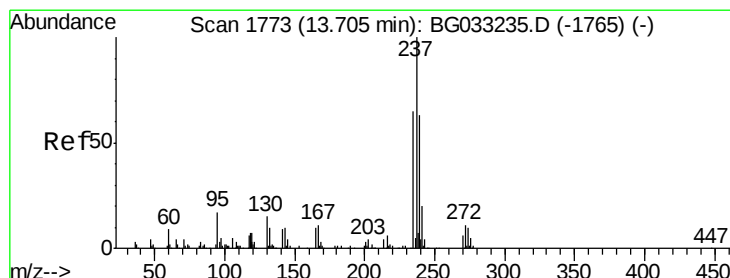
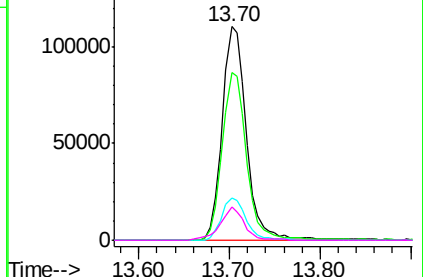
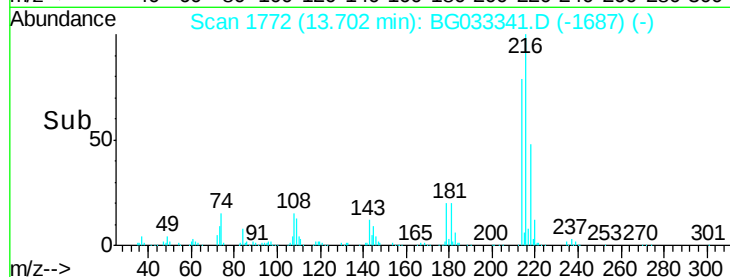


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 39.690 ng

RT: 13.67 min Scan# 1767

Delta R.T. -0.03 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

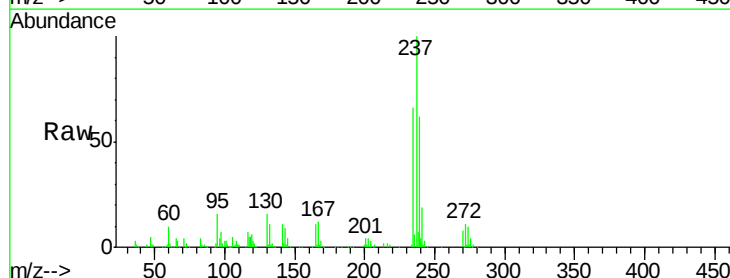
Tgt Ion:237 Resp: 115225

Ion Ratio Lower Upper

237 100

235 65.5 50.4 90.4

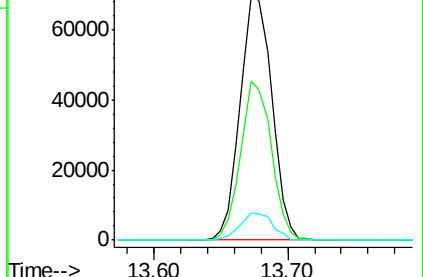
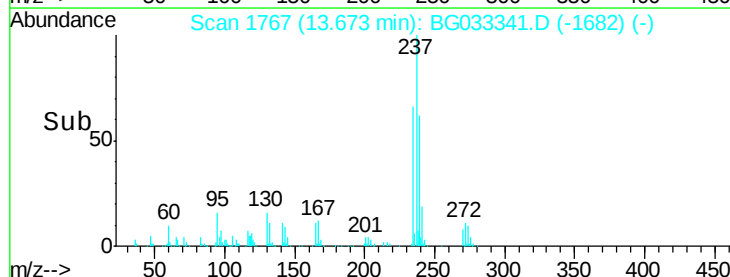
272 11.5 0.0 31.8

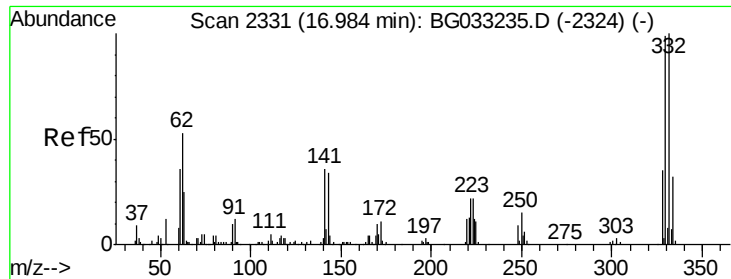


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

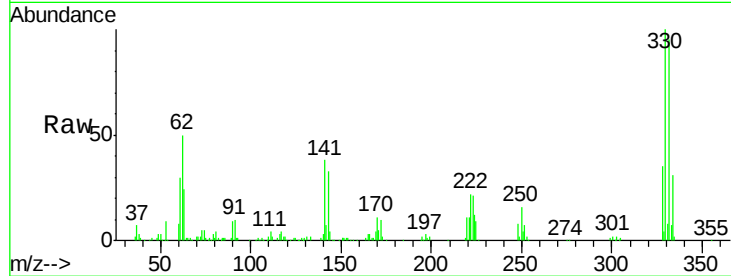




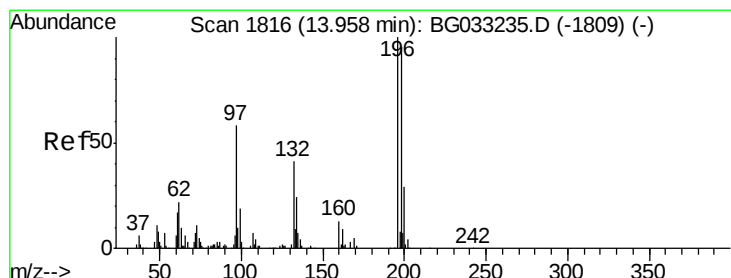
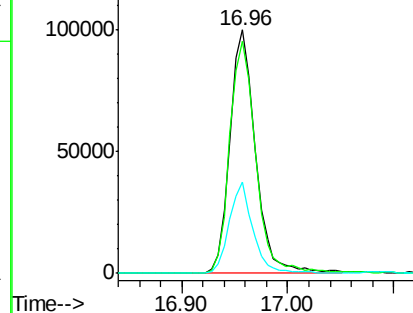
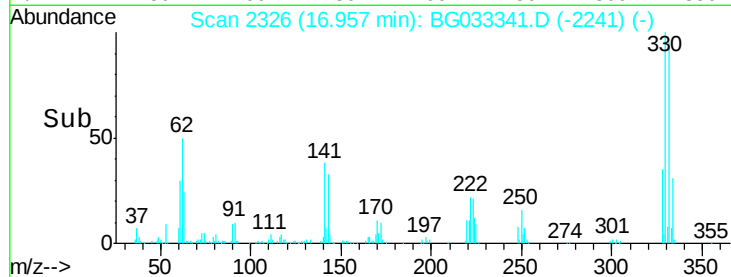
#41
 2,4,6-Tribromophenol
 Concen: 82.077 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.03 min
 Lab File: BG033341.D
 Acq: 26 Mar 2018 22:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	35.1	25.2	37.8

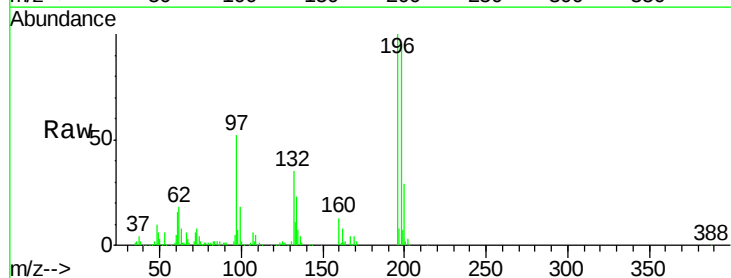


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

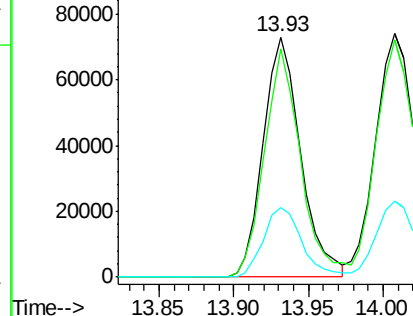
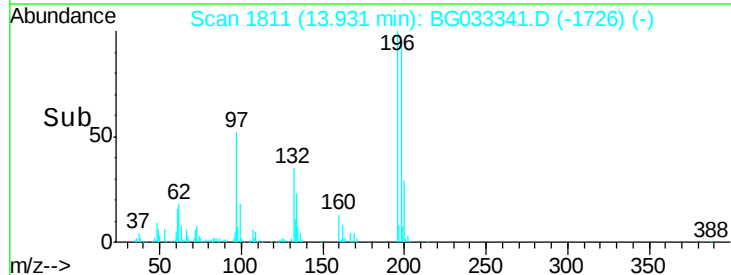


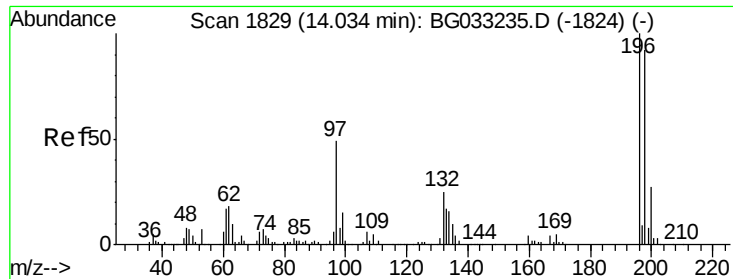
#42
 2,4,6-Trichlorophenol
 Concen: 44.088 ng
 RT: 13.93 min Scan# 1811
 Delta R.T. -0.03 min
 Lab File: BG033341.D
 Acq: 26 Mar 2018 22:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	78.2	117.2
200	28.7	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

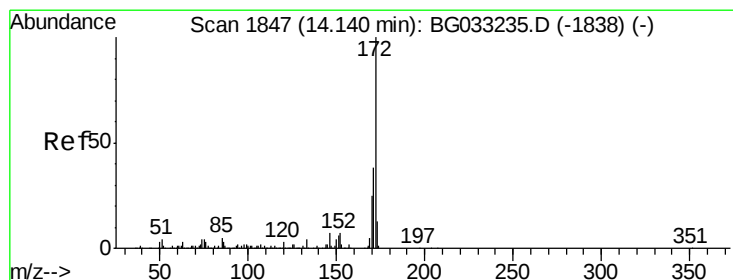
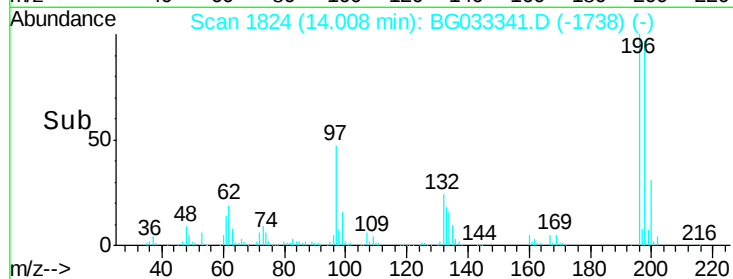
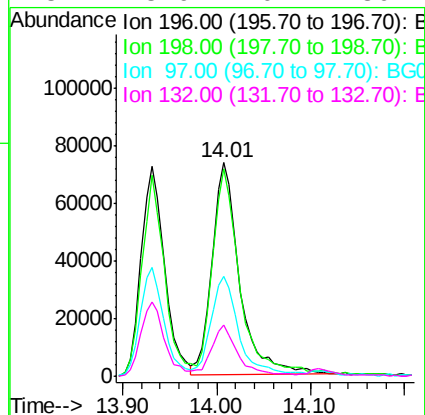
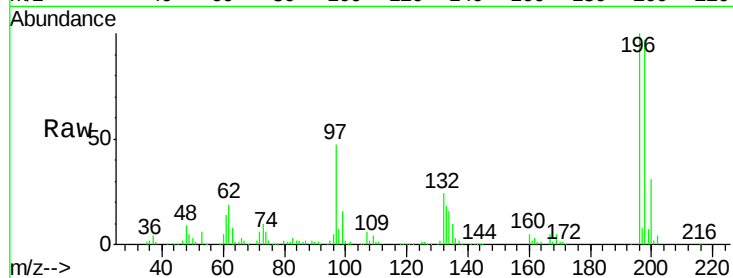




#43
2,4,5-Trichlorophenol
Concen: 44.554 ng
RT: 14.01 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

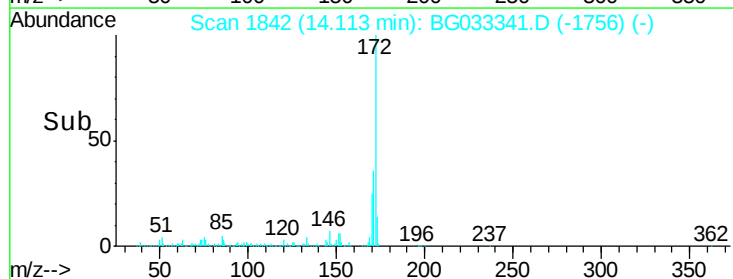
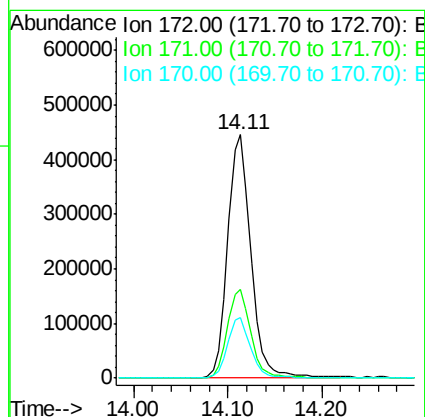
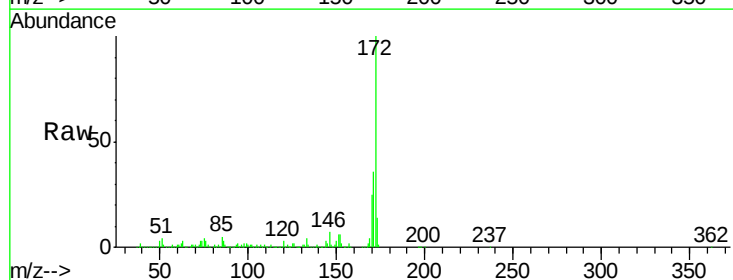
Instrument :
BNA_G
ClientSampled :

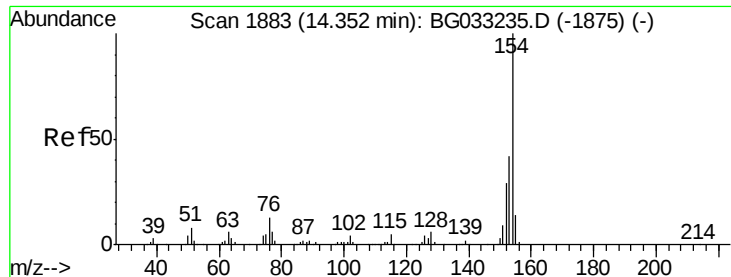
Tot Ion:196 Resp: 151523
Ion Ratio Lower Upper
196 100
198 97.2 76.2 114.4
97 46.6 38.7 58.1
132 23.9 20.2 30.2



#44
2-Fluorobiphenyl
Concen: 81.014 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

Tgt Ion:172 Resp: 767216
Ion Ratio Lower Upper
172 100
171 36.4 30.0 45.0
170 25.0 19.5 29.3

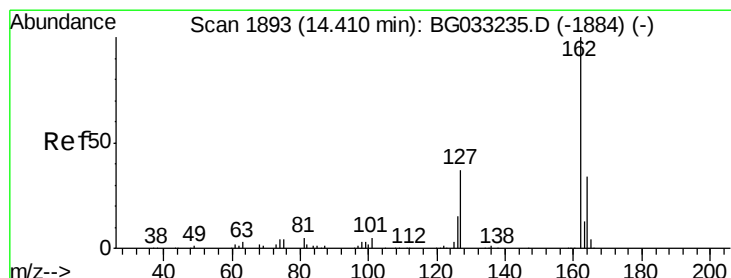
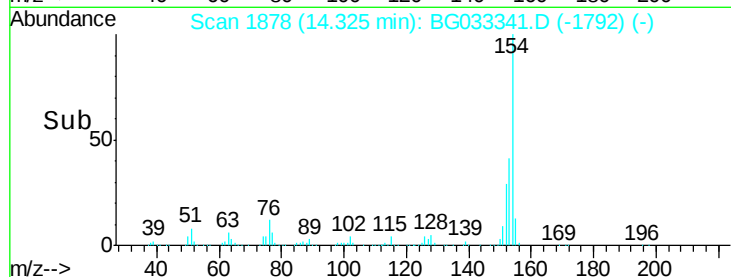
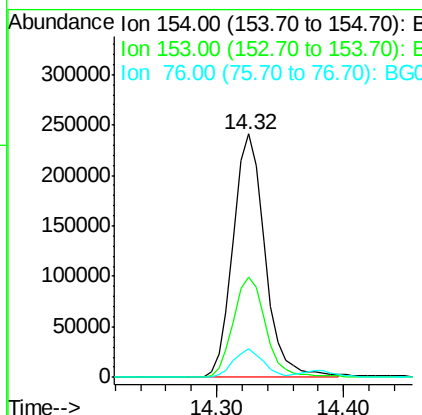
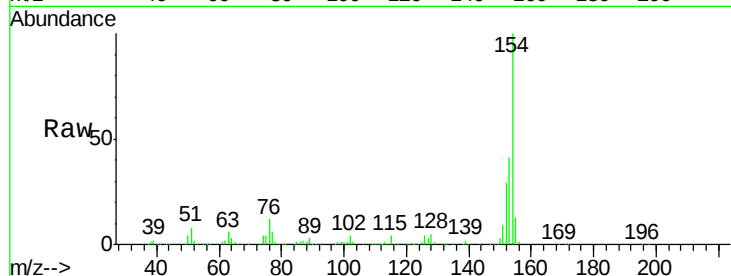




#45
 1,1'-Biphenyl
 Concen: 39.928 ng
 RT: 14.32 min Scan# 1878
 Delta R.T. -0.02 min
 Lab File: BG033341.D
 Acq: 26 Mar 2018 22:25

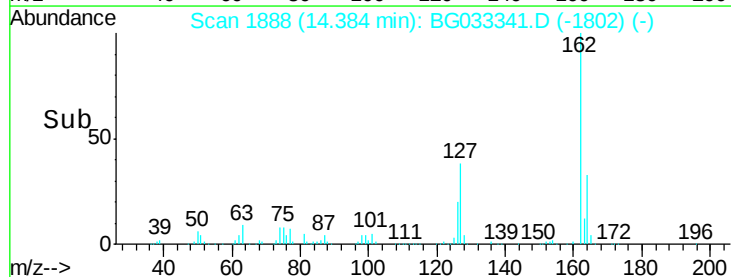
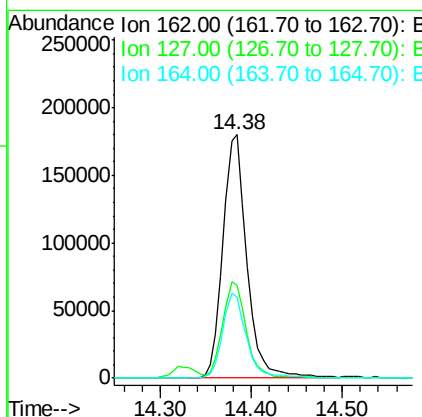
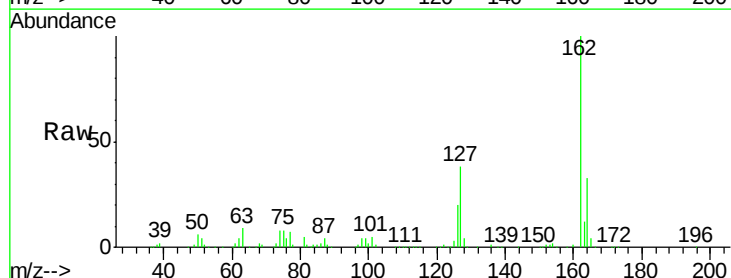
Instrument :
 BNA_G
 ClientSampleId :

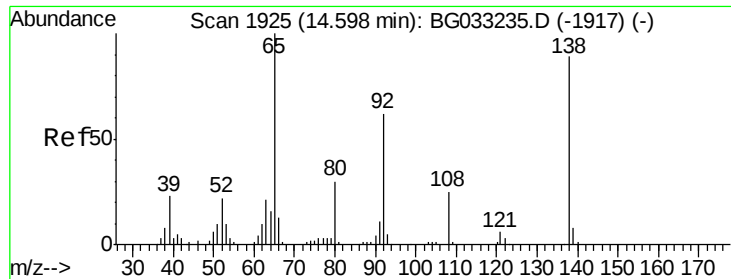
Tot Ion	154	153	76
Resp:	419381		
Ion Ratio	100	41.1	11.8
Lower		19.8	0.0
Upper		59.8	31.9



#46
 2-Chloronaphthalene
 Concen: 40.817 ng
 RT: 14.38 min Scan# 1888
 Delta R.T. -0.02 min
 Lab File: BG033341.D
 Acq: 26 Mar 2018 22:25

Tgt Ion	162	127	164
Resp:	330564		
Ion Ratio	100	38.2	33.3
Lower		30.7	26.0
Upper		46.1	39.0

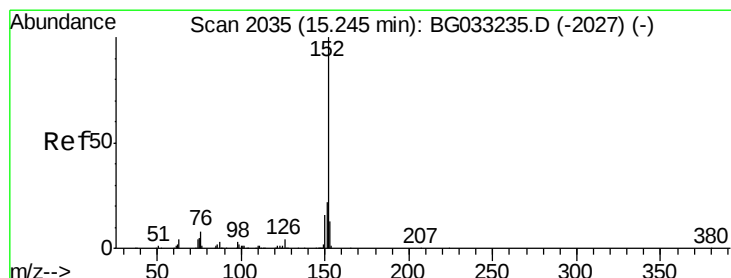
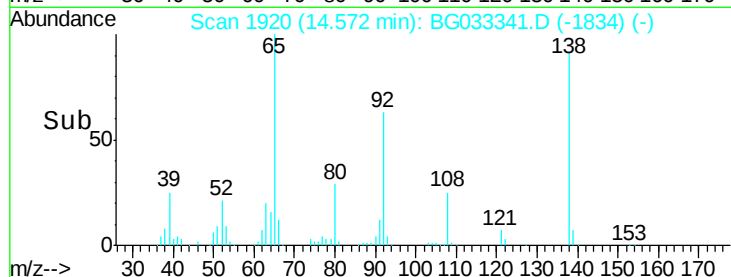
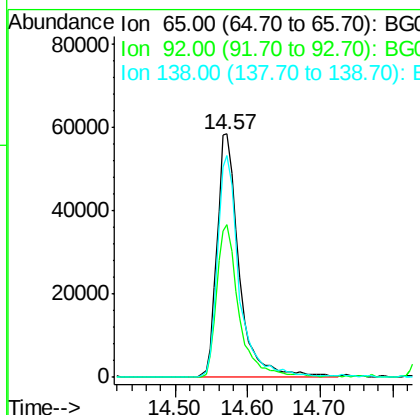
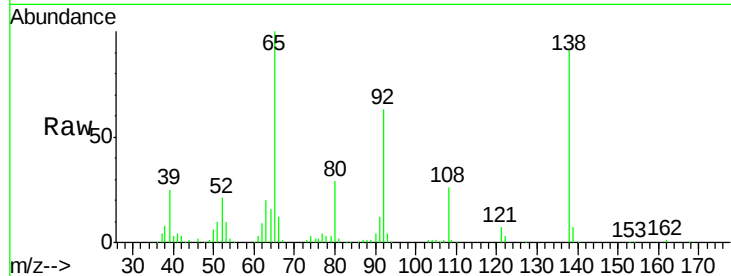




#47
2-Nitroaniline
Concen: 41.204 ng
RT: 14.57 min Scan# 1920
Delta R.T. -0.02 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

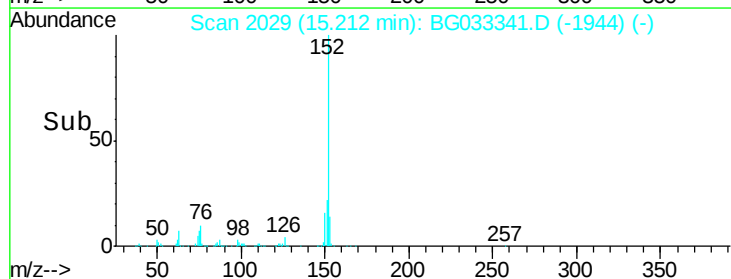
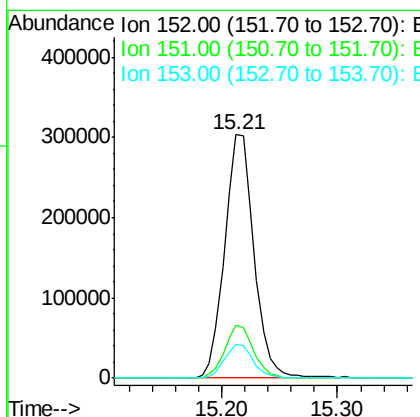
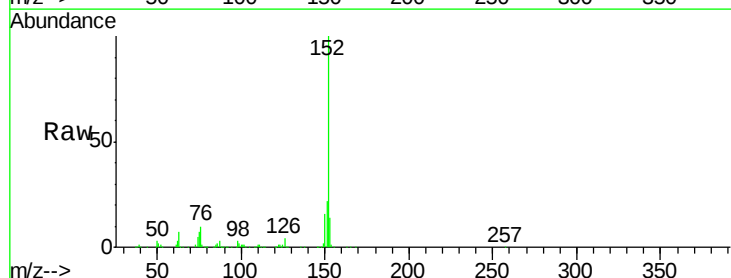
Instrument :
BNA_G
ClientSampleId :

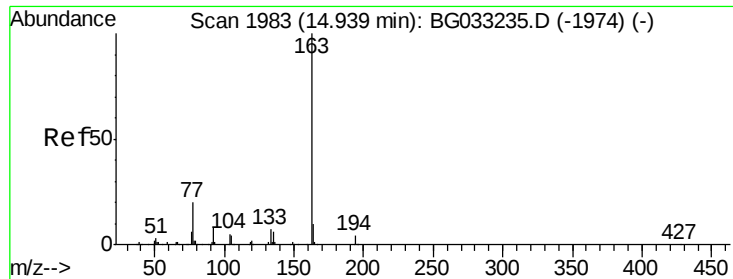
Tot Ion: 65 Resp: 124990
Ion Ratio Lower Upper
65 100
92 62.6 54.6 82.0
138 91.4 72.9 109.3



#48
Acenaphthylene
Concen: 39.393 ng
RT: 15.21 min Scan# 2029
Delta R.T. -0.03 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

Tgt Ion: 152 Resp: 532522
Ion Ratio Lower Upper
152 100
151 21.9 17.2 25.8
153 13.9 10.2 15.4





#49

Dimethylphthalate

Concen: 40.118 ng

RT: 14.91 min Scan# 1977

Delta R.T. -0.03 min

Lab File: BG033341.D

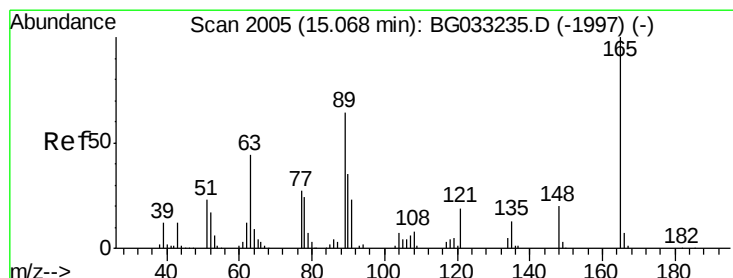
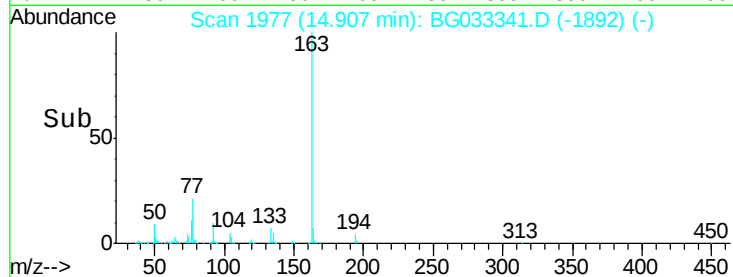
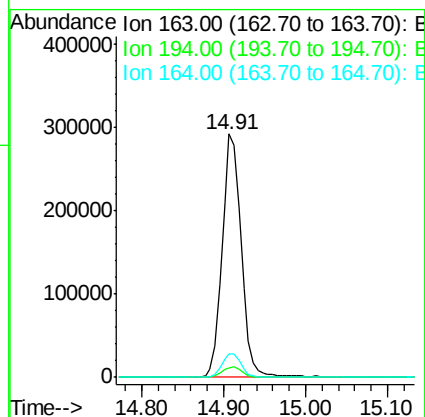
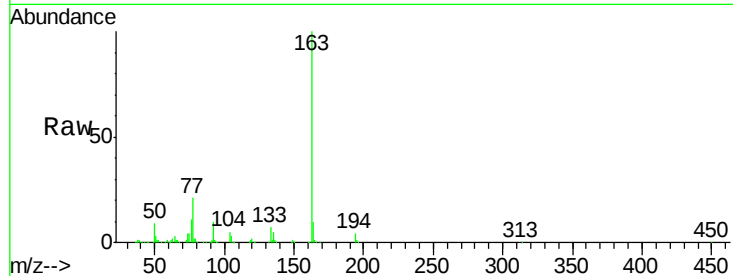
Acq: 26 Mar 2018 22:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	163	Resp:	477316
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	9.8	8.2	12.4



#50

2,6-Dinitrotoluene

Concen: 41.750 ng

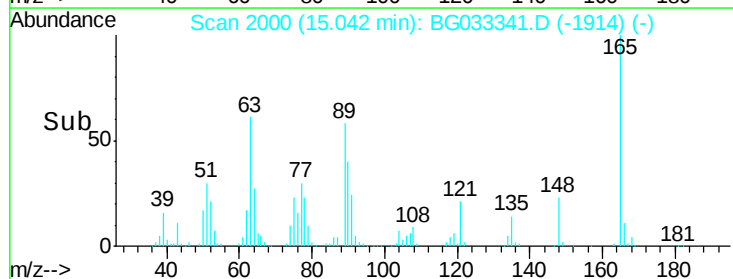
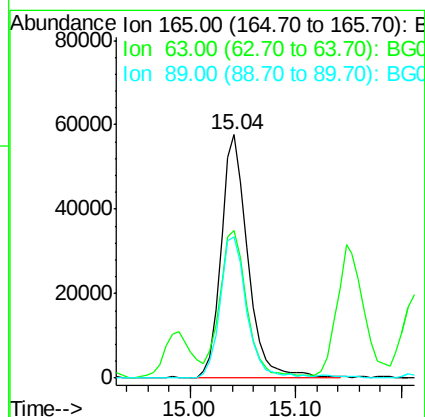
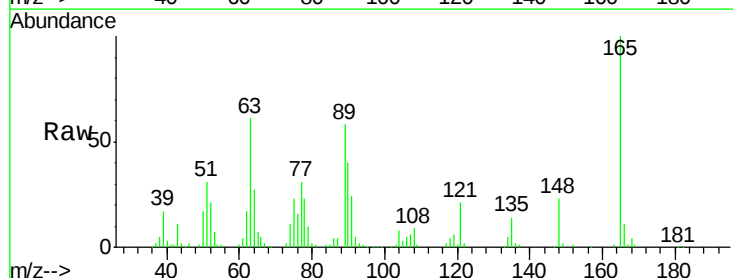
RT: 15.04 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

Tgt Ion:	165	Resp:	101568
Ion	Ratio	Lower	Upper
165	100		
63	60.6	52.7	79.1
89	57.9	49.2	73.8





#51

Acenaphthene

Concen: 40.481 ng

RT: 15.55 min Scan# 2086

Delta R.T. -0.03 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

Instrument :

BNA_G

ClientSampleId :

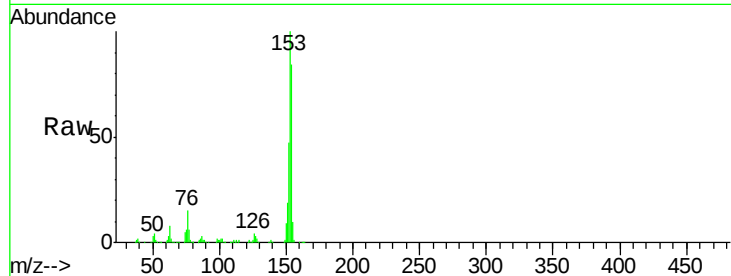
Tot Ion:154 Resp: 352772

Ion Ratio Lower Upper

154 100

153 118.6 90.4 135.6

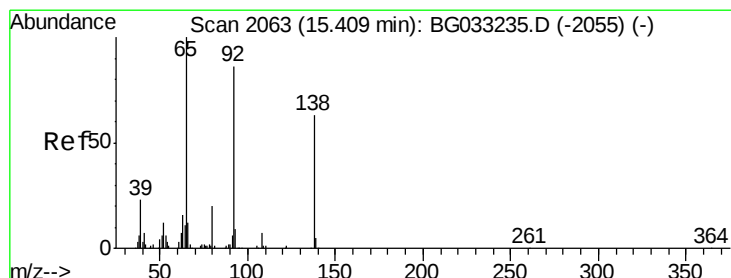
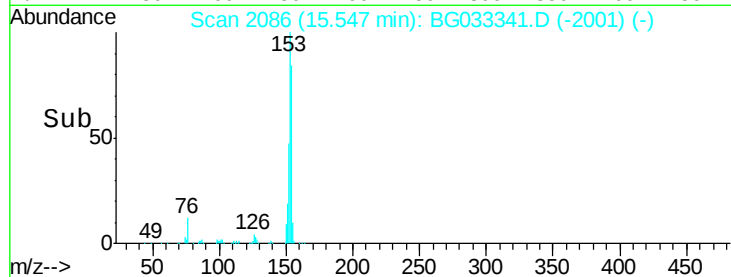
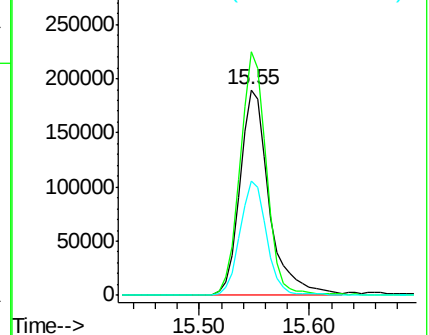
152 55.9 41.6 62.4



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: 38.500 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.02 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

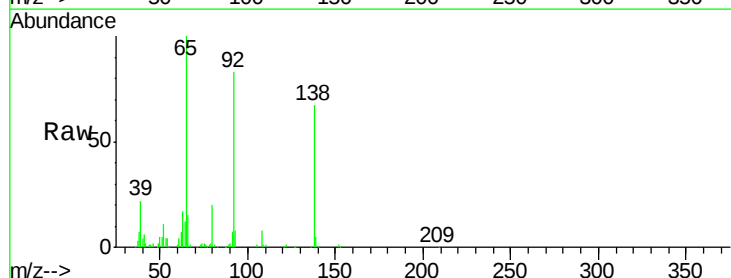
Tgt Ion:138 Resp: 98196

Ion Ratio Lower Upper

138 100

108 12.6 17.5 26.3#

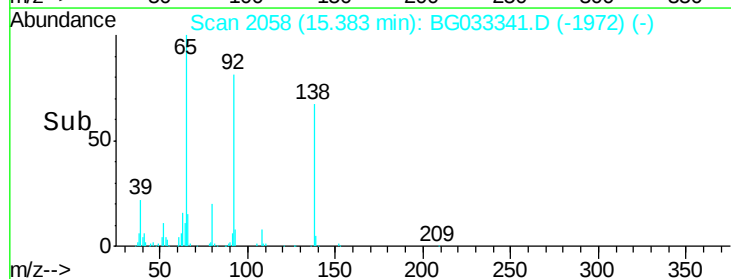
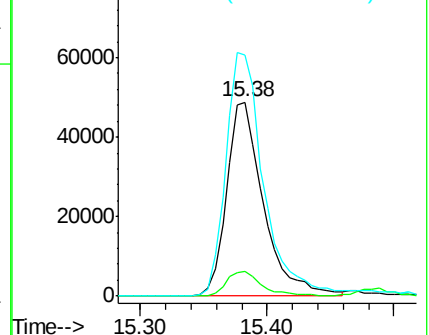
92 124.1 105.8 158.8

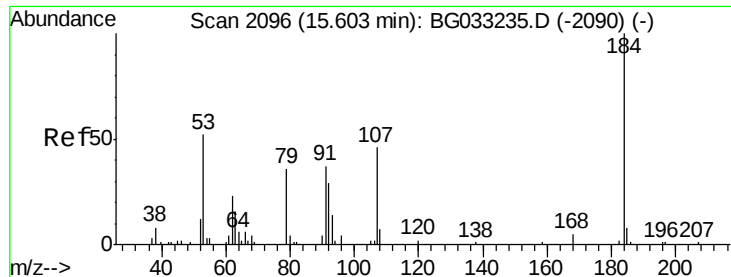


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

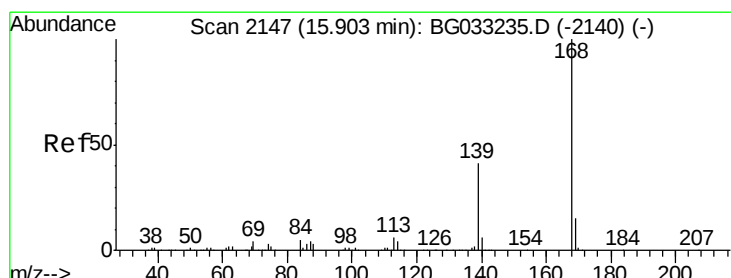
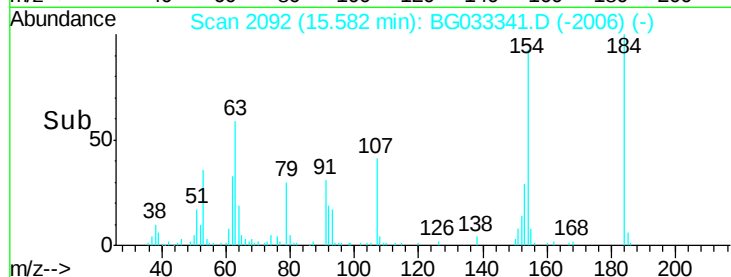
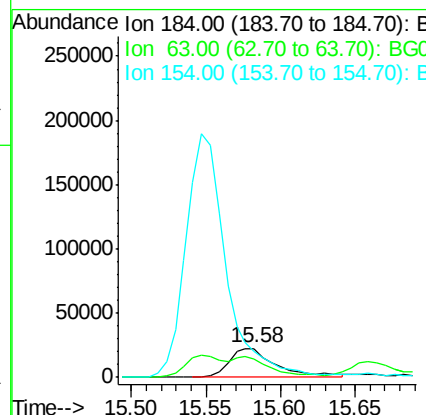
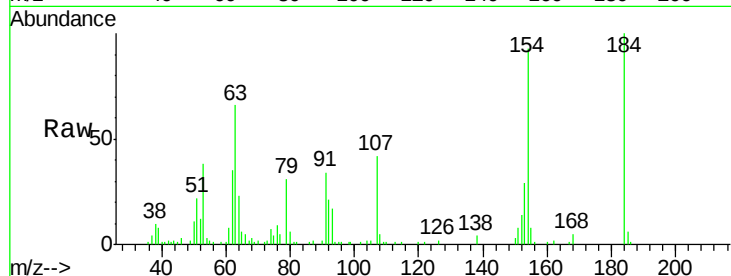




#53
2,4-Dinitrophenol
Concen: 42.942 ng
RT: 15.58 min Scan# 2092
Delta R.T. -0.02 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

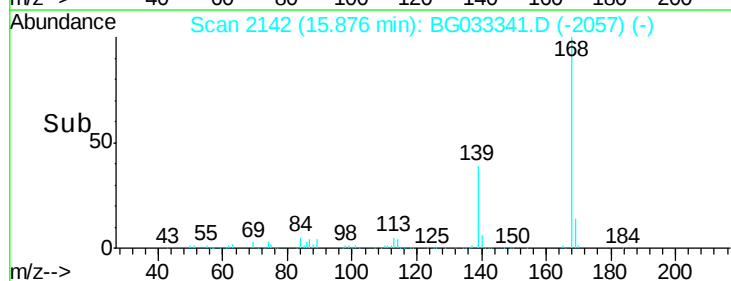
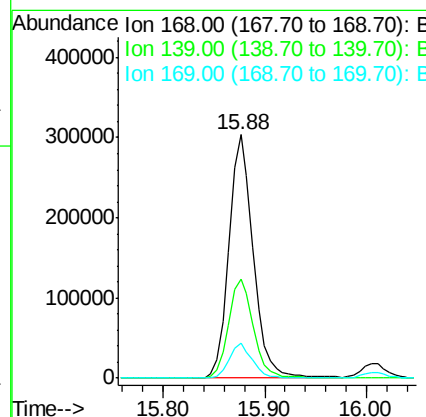
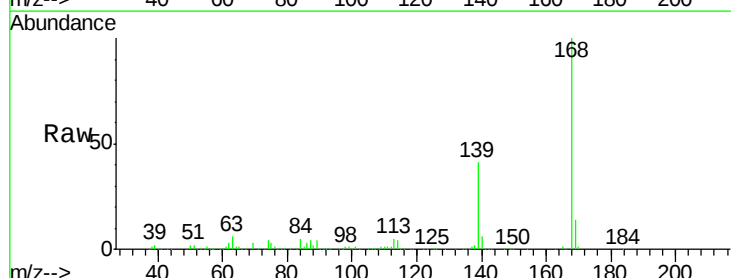
Instrument :
BNA_G
ClientSampleId :

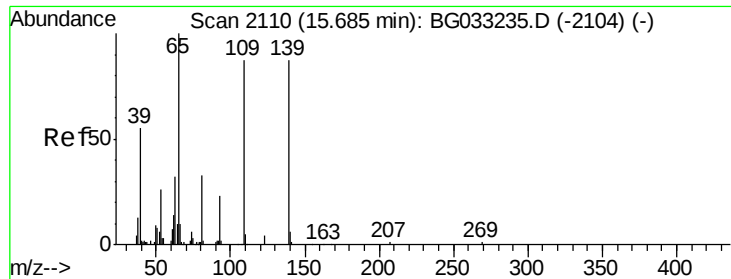
Tot Ion:184 Resp: 49169
Ion Ratio Lower Upper
184 100
63 65.6 59.8 89.8
154 92.5 101.8 152.8#



#54
Dibenzofuran
Concen: 39.134 ng
RT: 15.88 min Scan# 2142
Delta R.T. -0.03 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

Tgt Ion:168 Resp: 503744
Ion Ratio Lower Upper
168 100
139 40.5 28.6 43.0
169 14.5 11.2 16.8

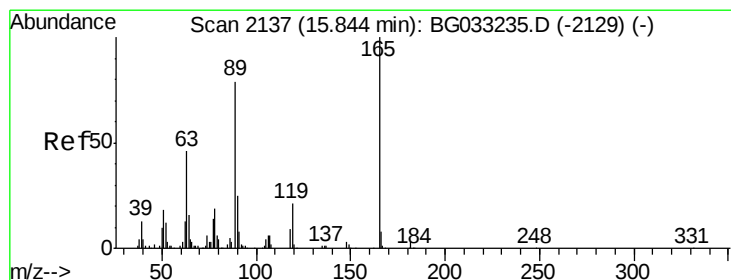
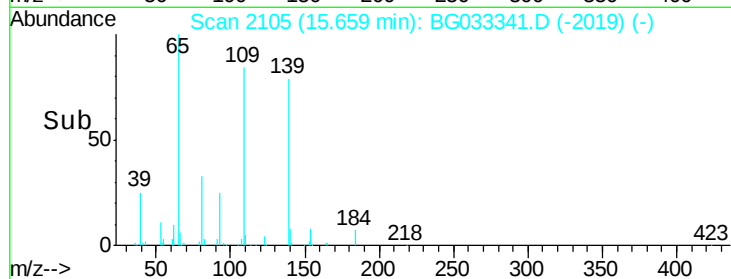
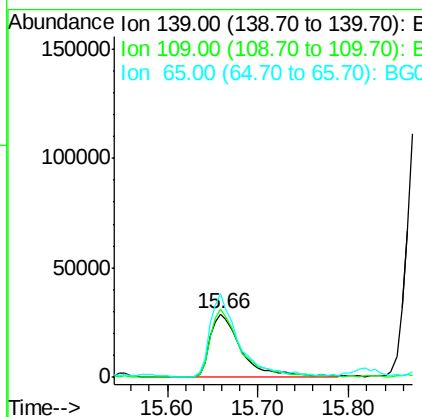
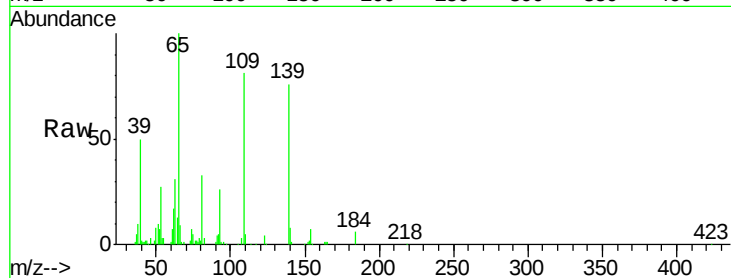




#55
4-Nitrophenol
Concen: 39.301 ng
RT: 15.66 min Scan# 2105
Delta R.T. -0.02 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

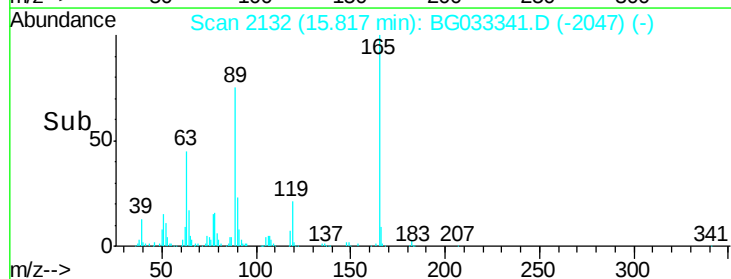
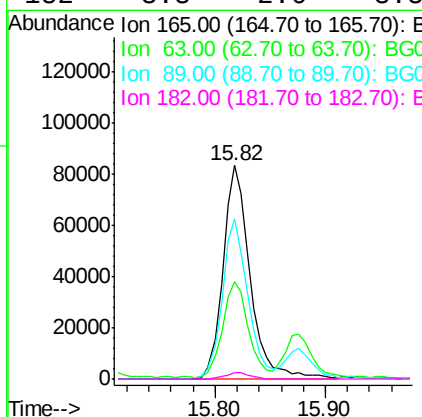
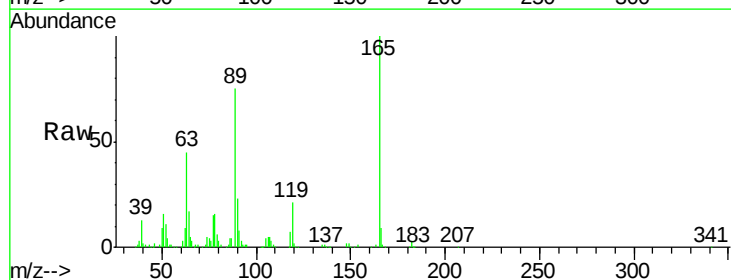
Instrument :
BNA_G
ClientSampled :

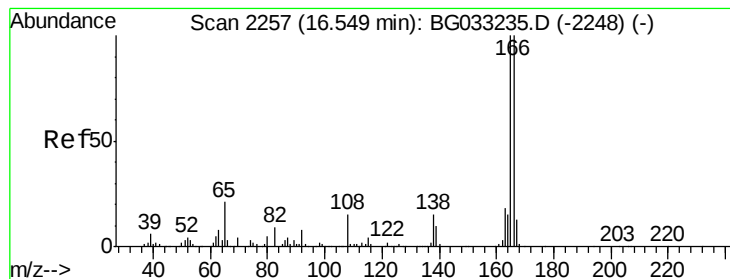
Tot Ion:139 Resp: 70486
Ion Ratio Lower Upper
139 100
109 107.2 62.2 102.2#
65 132.0 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 39.880 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

Tgt Ion:165 Resp: 142850
Ion Ratio Lower Upper
165 100
63 45.3 42.0 63.0
89 75.2 66.9 100.3
182 3.3 2.6 3.8





#57

Fluorene

Concen: 39.274 ng

RT: 16.52 min Scan# 2251

Delta R.T. -0.03 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

Instrument :

BNA_G

ClientSampleId :

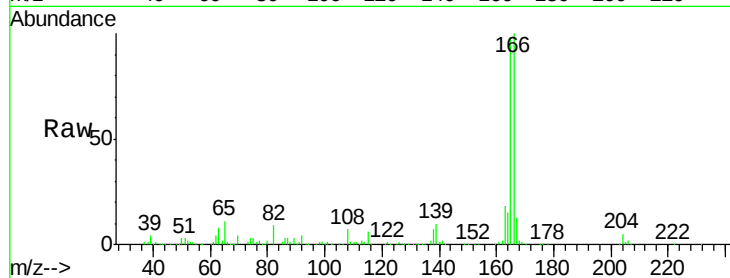
Tot Ion:166 Resp: 430688

Ion Ratio Lower Upper

166 100

165 98.5 80.6 121.0

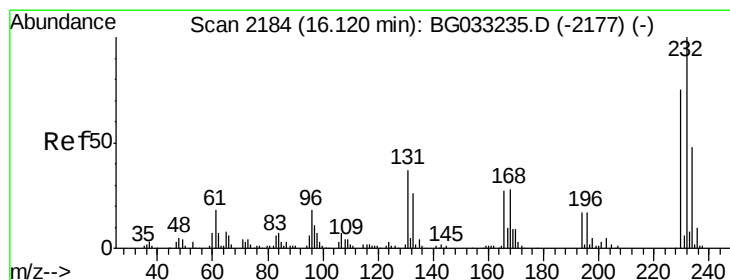
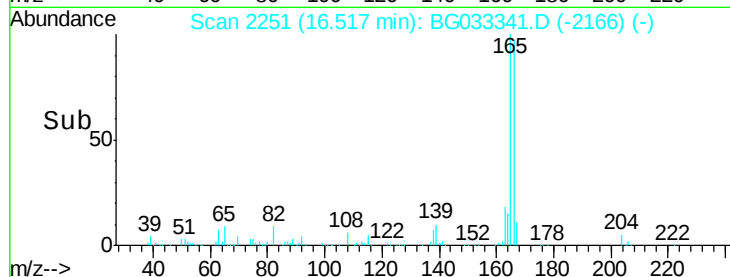
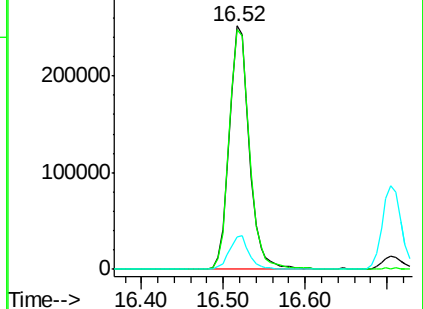
167 13.2 10.4 15.6



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: 42.445 ng

RT: 16.09 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

Tgt Ion:232 Resp: 135893

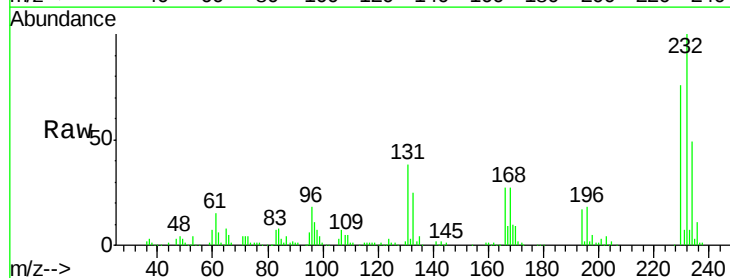
Ion Ratio Lower Upper

232 100

131 38.8 33.5 50.3

130 2.2 2.2 3.2

166 27.9 24.8 37.2

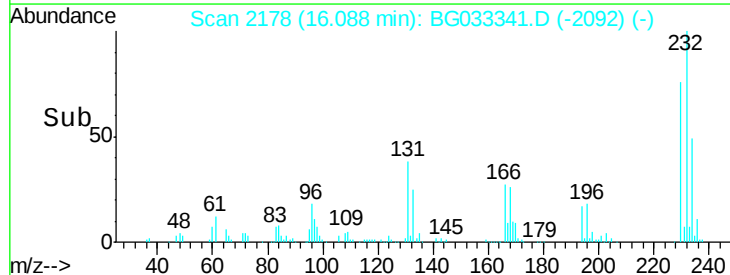
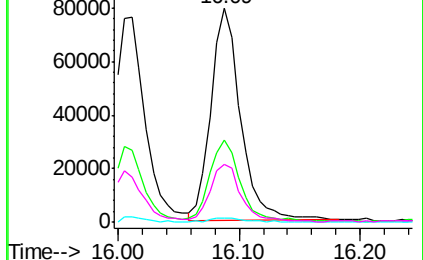


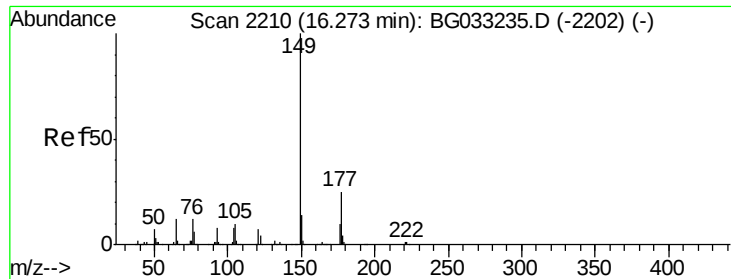
Abundance Ion 232.00 (231.70 to 232.70): E

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

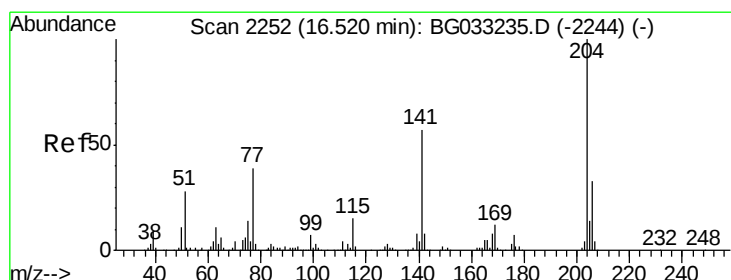
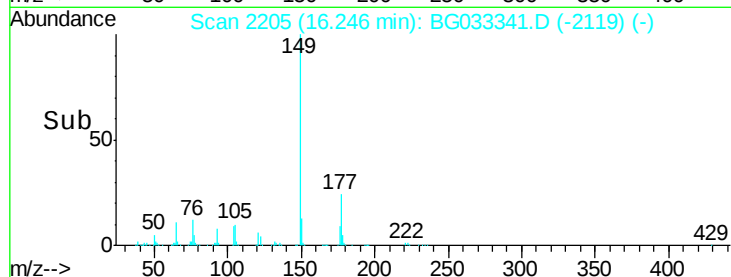
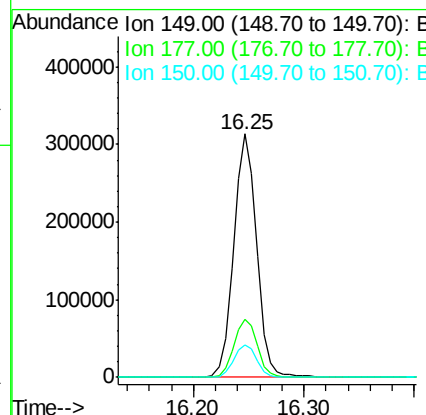
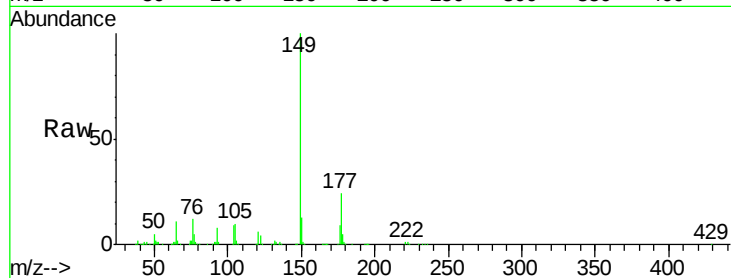




#59
Diethylphthalate
Concen: 39.521 ng
RT: 16.25 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

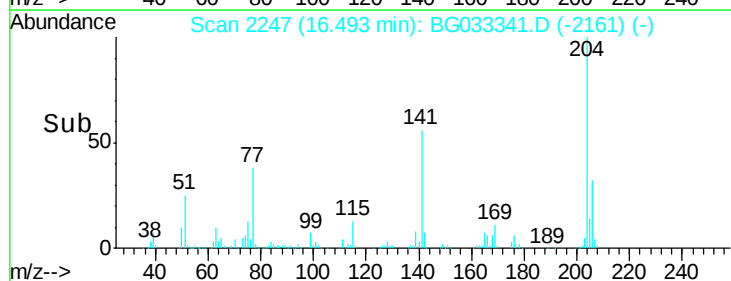
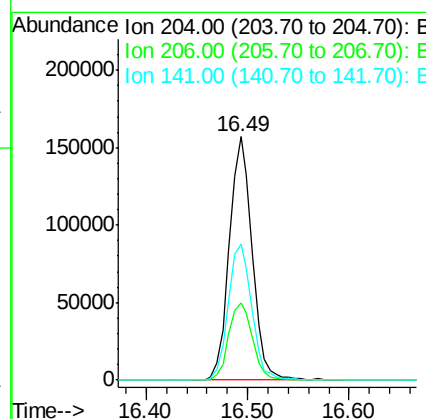
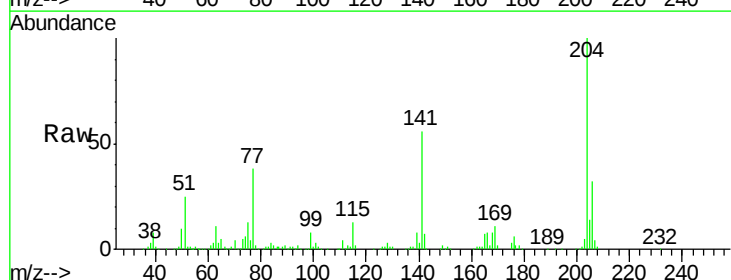
Instrument :
BNA_G
ClientSampleId :

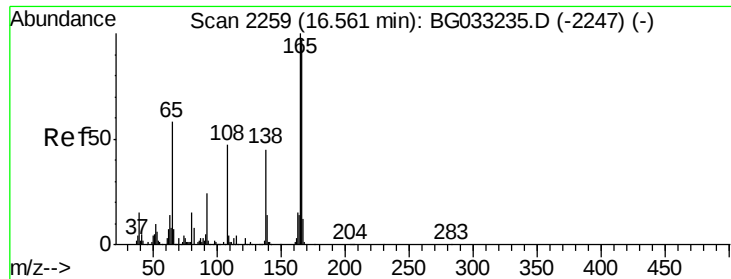
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.5	27.7
150	13.3	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.953 ng
RT: 16.49 min Scan# 2247
Delta R.T. -0.02 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.2	39.2
141	55.7	45.8	68.6





#61

4-Nitroaniline

Concen: 38.631 ng

RT: 16.53 min Scan# 2253

Delta R.T. -0.03 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

Instrument :

BNA_G

ClientSampleId :

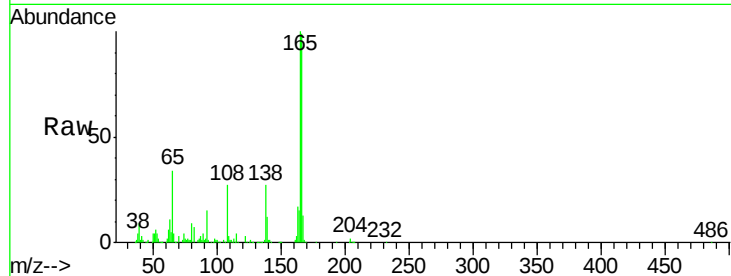
Tot Ion:138 Resp: 99777

Ion Ratio Lower Upper

138 100

92 55.1 40.1 80.1

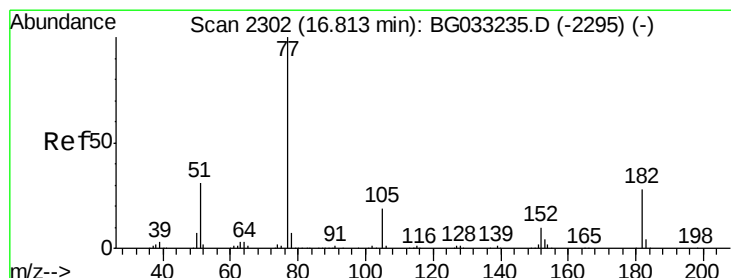
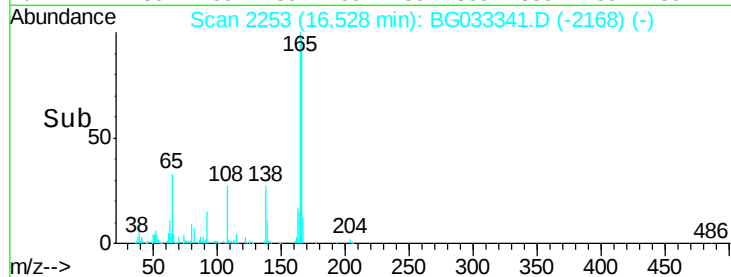
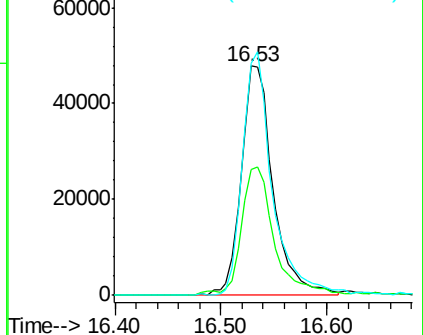
108 101.6 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.896 ng

RT: 16.79 min Scan# 2297

Delta R.T. -0.02 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

Tgt Ion: 77 Resp: 424115

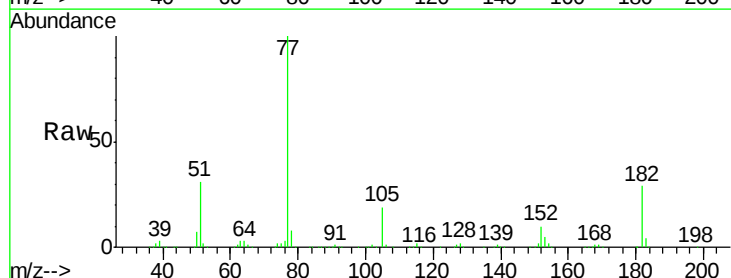
Ion Ratio Lower Upper

77 100

182 28.7 7.4 47.4

105 18.9 0.3 40.3

51 31.5 11.6 51.6

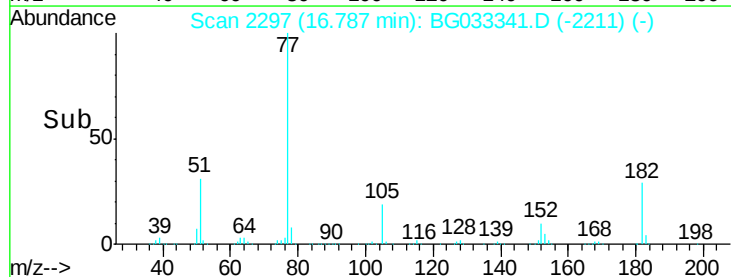
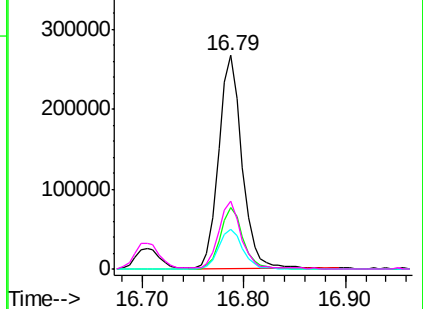


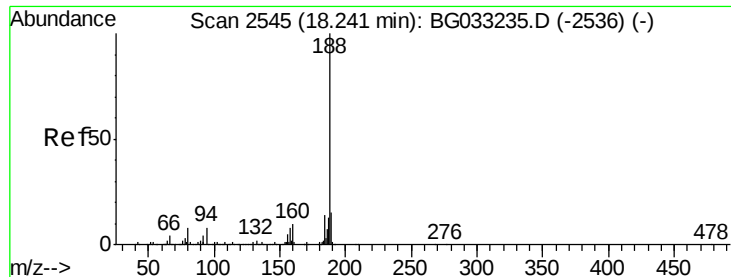
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.02 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

Instrument :

BNA_G

ClientSampled :

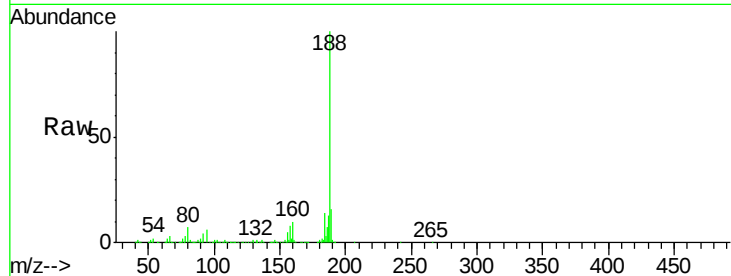
Tot Ion:188 Resp: 340287

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

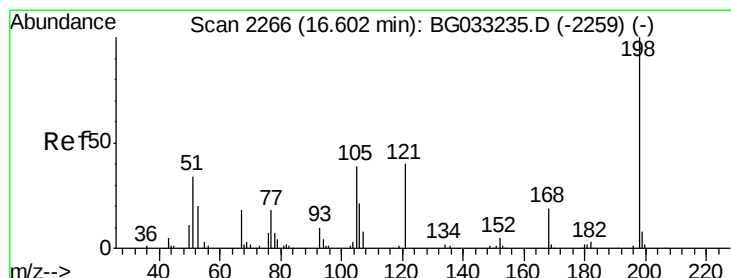
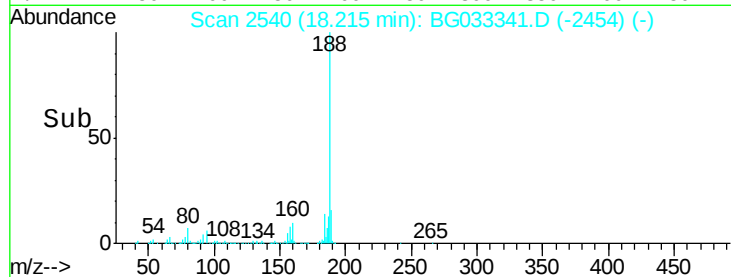
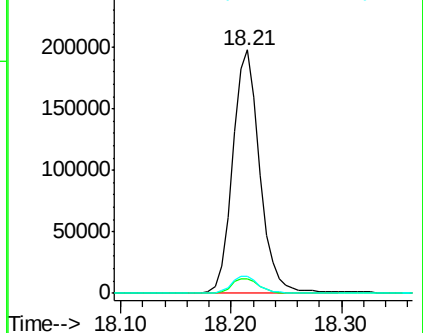
80 7.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 35.990 ng

RT: 16.58 min Scan# 2261

Delta R.T. -0.02 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

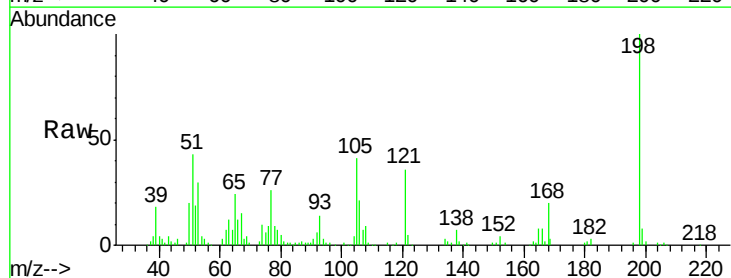
Tgt Ion:198 Resp: 73264

Ion Ratio Lower Upper

198 100

51 43.1 30.6 70.6

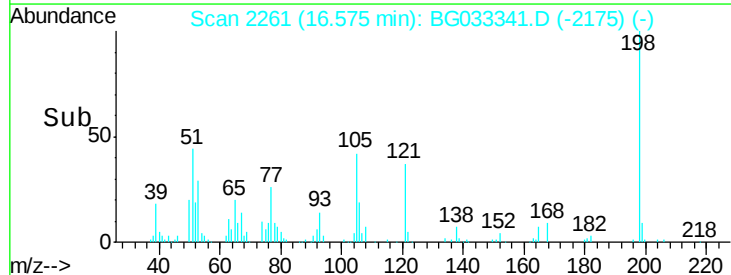
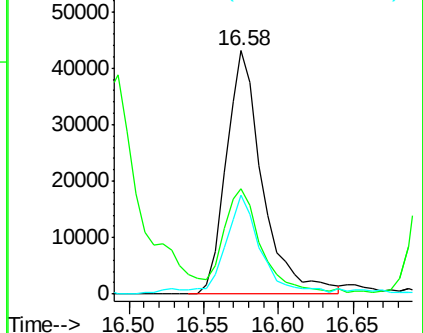
105 40.8 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

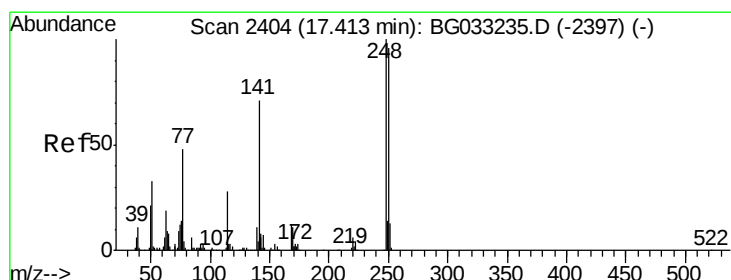
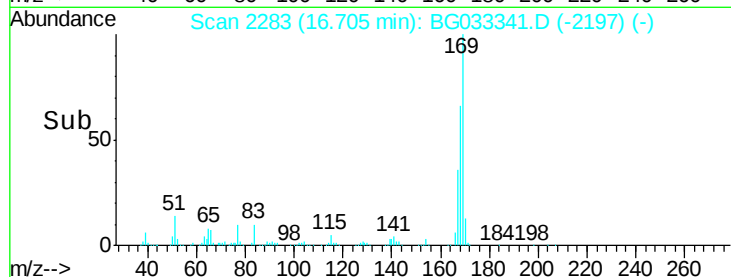
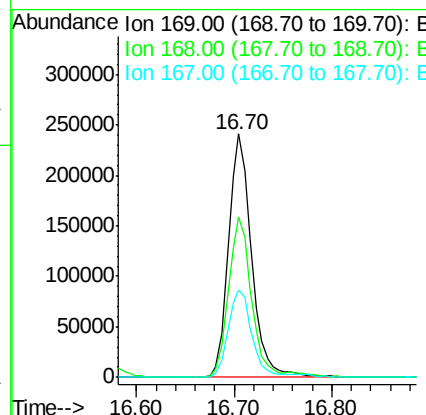
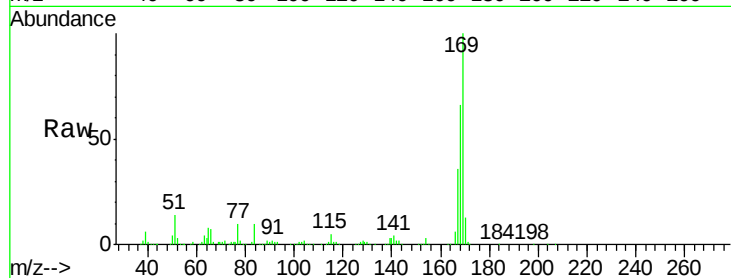




#65
n-Nitrosodiphenylamine
Concen: 40.642 ng
RT: 16.70 min Scan# 2283
Delta R.T. -0.02 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

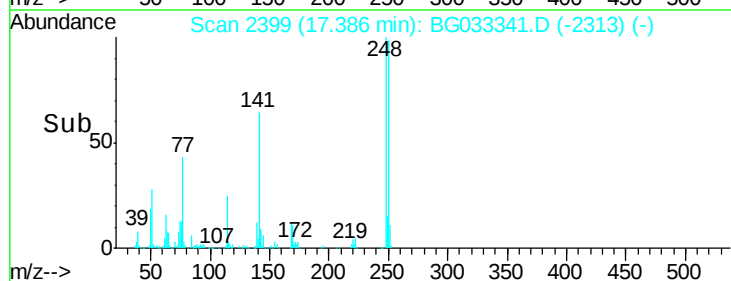
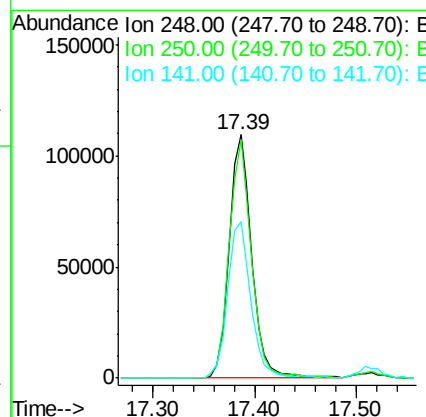
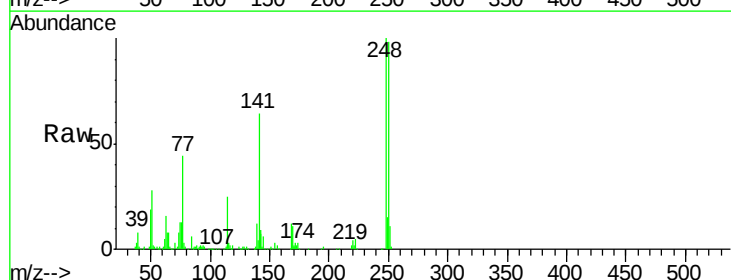
Instrument :
BNA_G
ClientSampleId :

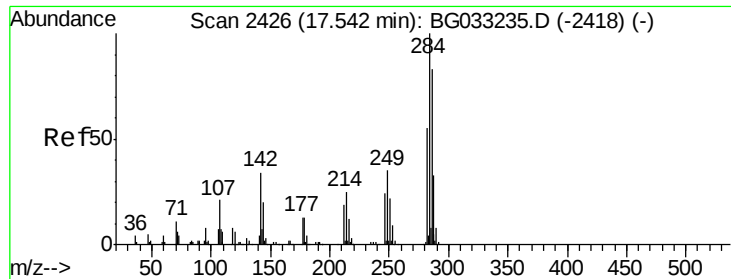
Tot Ion:169 Resp: 394823
Ion Ratio Lower Upper
169 100
168 65.7 55.7 83.5
167 36.1 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 42.273 ng
RT: 17.39 min Scan# 2399
Delta R.T. -0.02 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

Tgt Ion:248 Resp: 168939
Ion Ratio Lower Upper
248 100
250 98.0 77.1 115.7
141 64.2 50.8 76.2

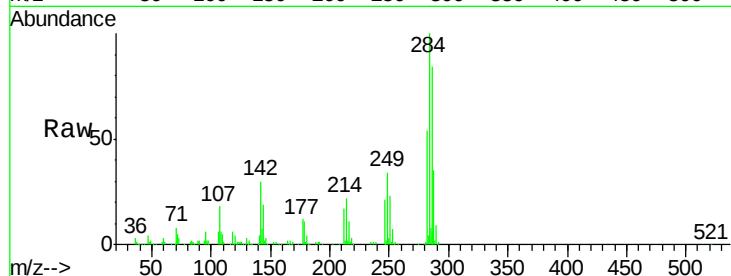




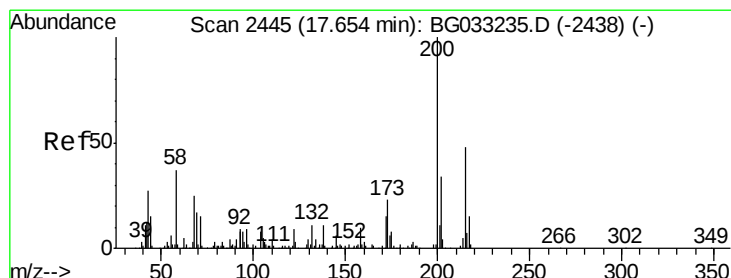
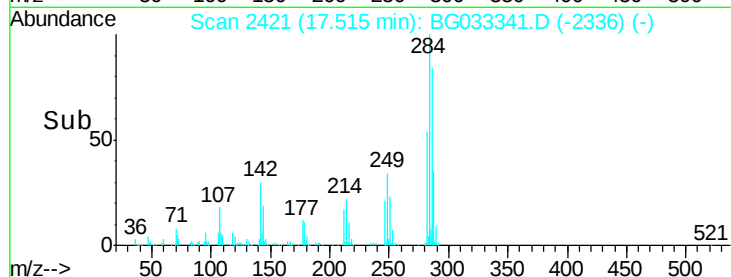
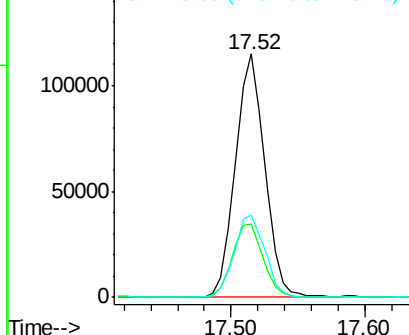
#67
Hexachlorobenzene
Concen: 41.761 ng
RT: 17.52 min Scan# 2421
Delta R.T. -0.03 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.0	26.8	40.2
249	33.8	26.3	39.5

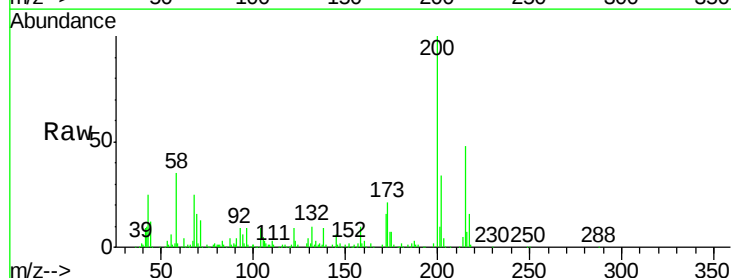


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

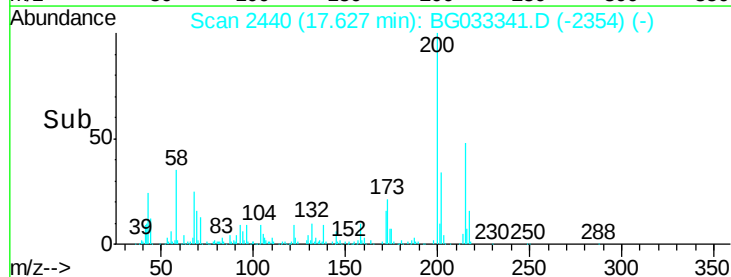
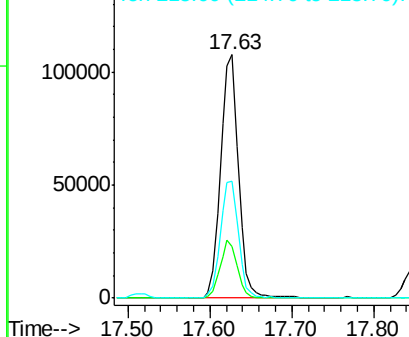


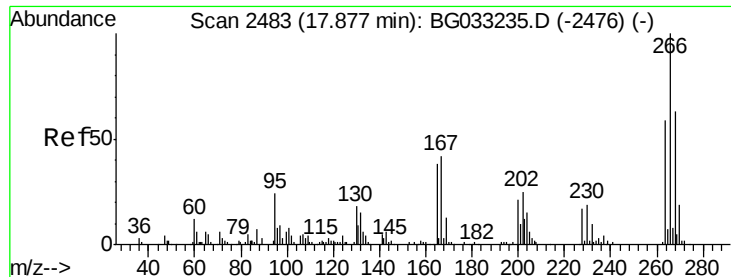
#68
Atrazine
Concen: 41.753 ng
RT: 17.63 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

Tgt Ion	Ratio	Lower	Upper
200	100		
173	21.4	5.2	45.2
215	47.8	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

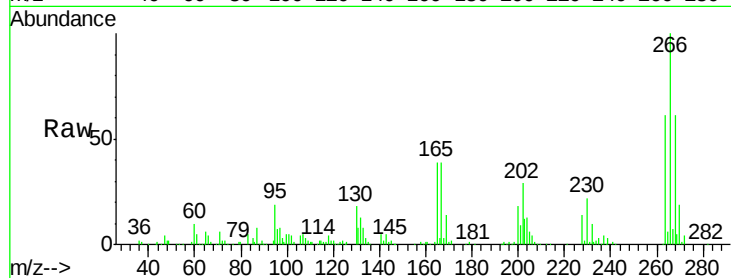




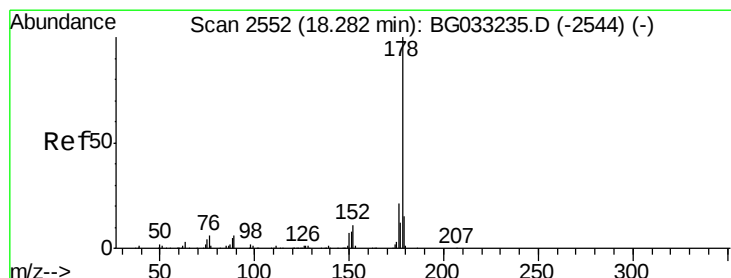
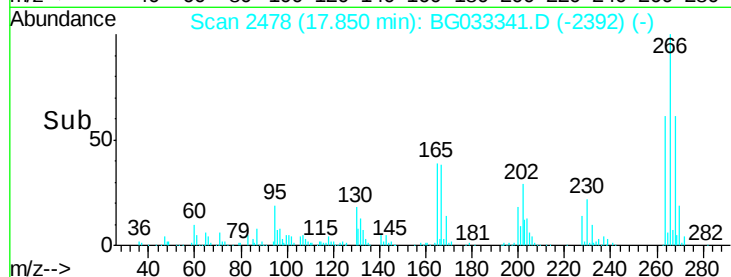
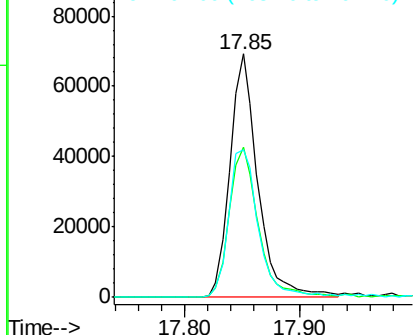
#69
 Pentachlorophenol
 Concen: 40.074 ng
 RT: 17.85 min Scan# 2478
 Delta R.T. -0.02 min
 Lab File: BG033341.D
 Acq: 26 Mar 2018 22:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 116005
 Ion Ratio Lower Upper
 266 100
 268 61.5 51.1 76.7
 264 60.9 49.6 74.4

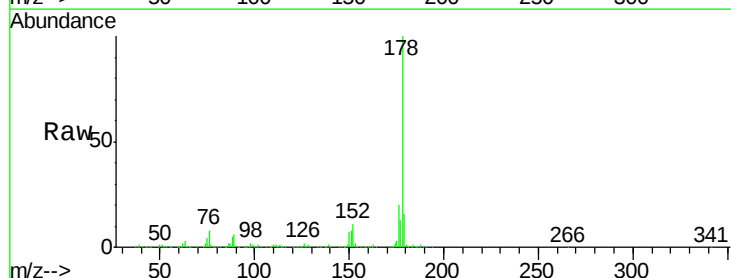


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

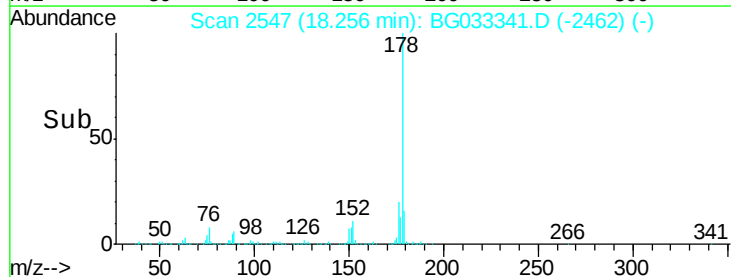
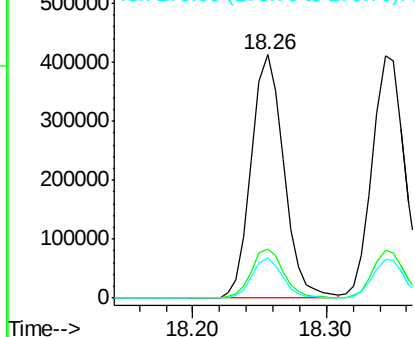


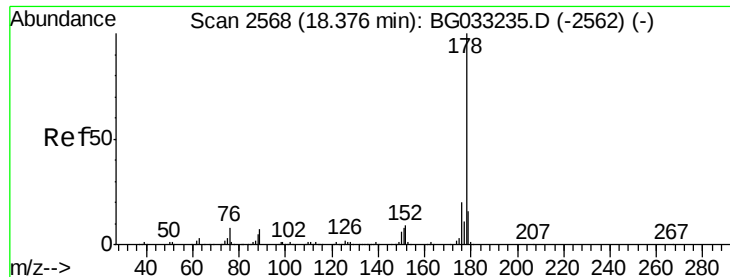
#70
 Phenanthrene
 Concen: 39.261 ng
 RT: 18.26 min Scan# 2547
 Delta R.T. -0.03 min
 Lab File: BG033341.D
 Acq: 26 Mar 2018 22:25

Tgt Ion:178 Resp: 695790
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.7 23.5
 179 16.4 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

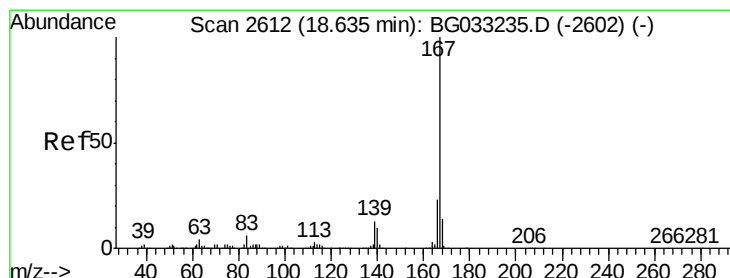
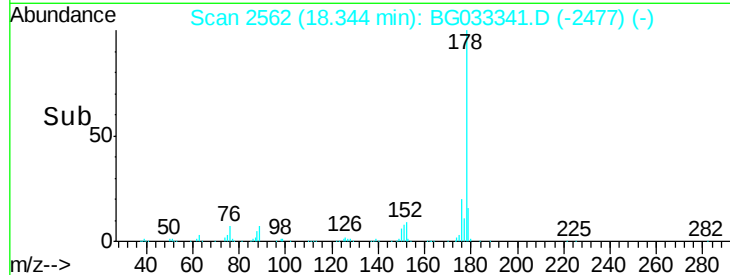
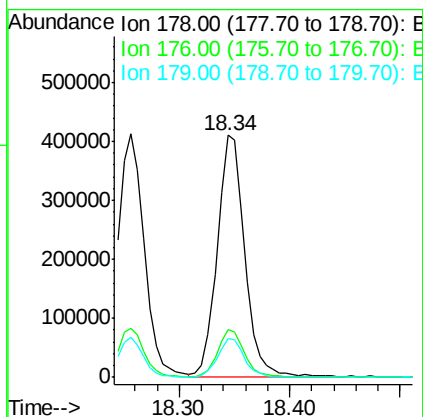
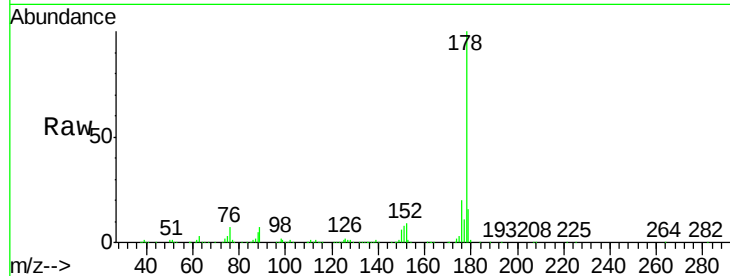




#71
 Anthracene
 Concen: 39.499 ng
 RT: 18.34 min Scan# 2562
 Delta R.T. -0.03 min
 Lab File: BG033341.D
 Acq: 26 Mar 2018 22:25

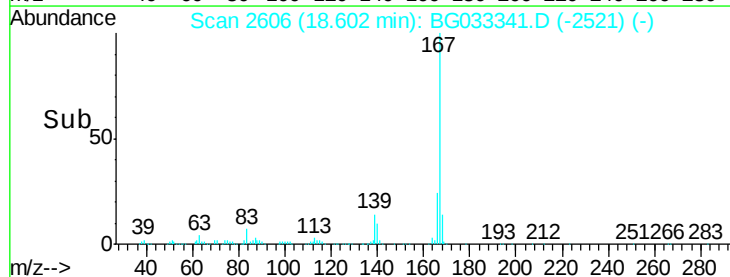
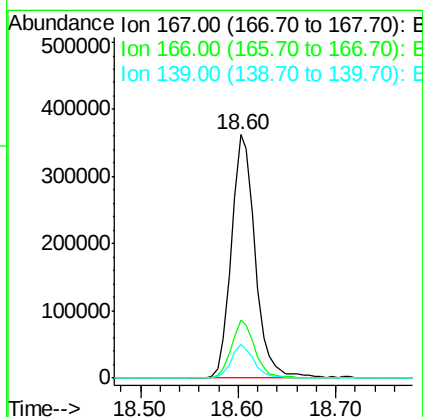
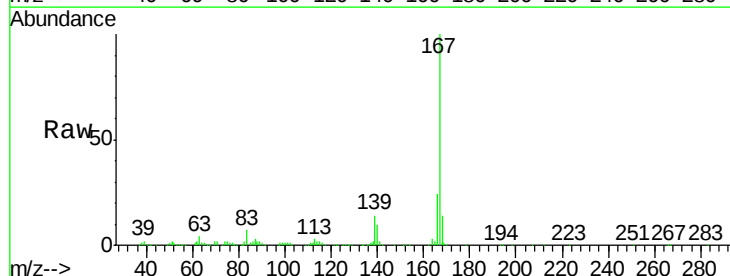
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 708773
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 16.1 12.5 18.7



#72
 Carbazole
 Concen: 38.612 ng
 RT: 18.60 min Scan# 2606
 Delta R.T. -0.03 min
 Lab File: BG033341.D
 Acq: 26 Mar 2018 22:25

Tgt Ion:167 Resp: 613967
 Ion Ratio Lower Upper
 167 100
 166 23.8 18.2 27.4
 139 13.9 9.4 14.2

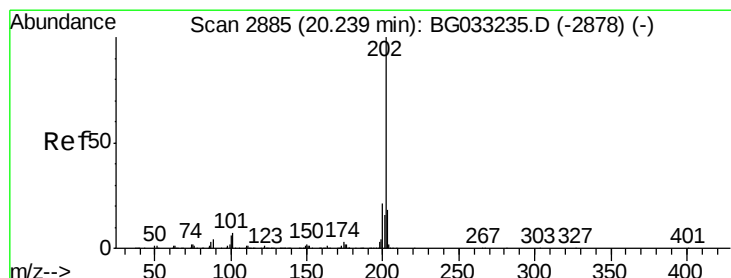
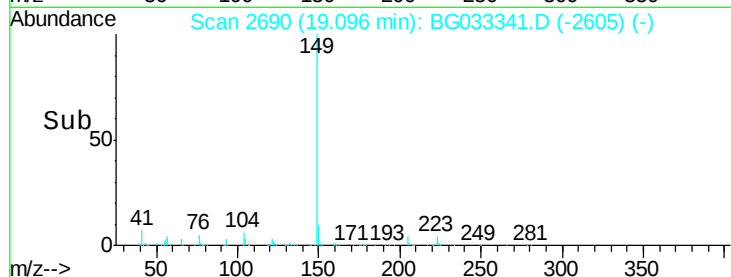
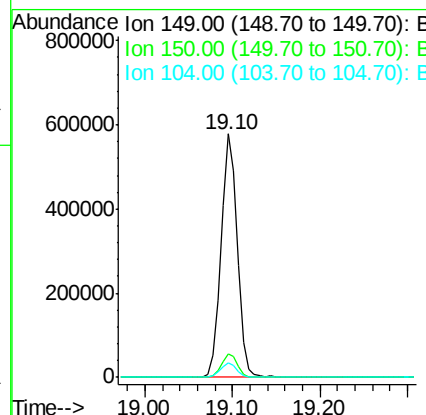
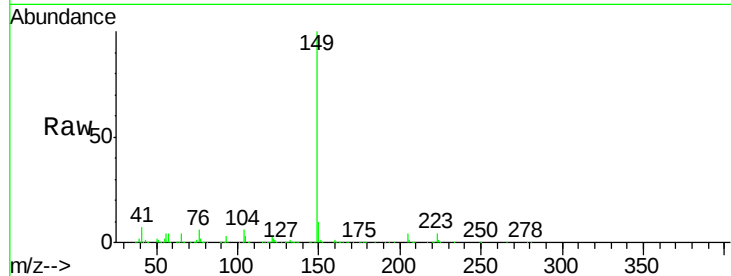




#73
Di-n-butylphthalate
Concen: 40.349 ng
RT: 19.10 min Scan# 2690
Delta R.T. -0.03 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

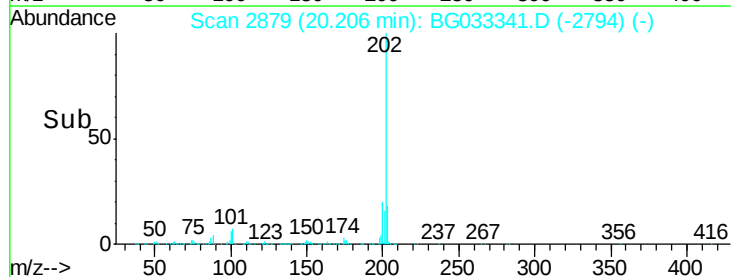
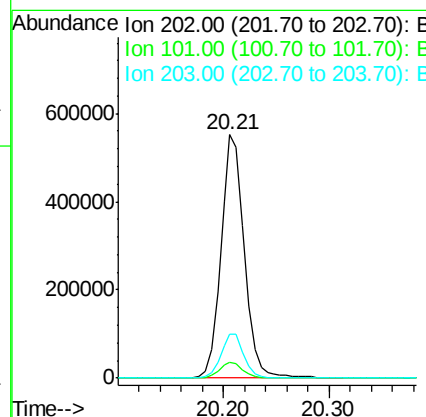
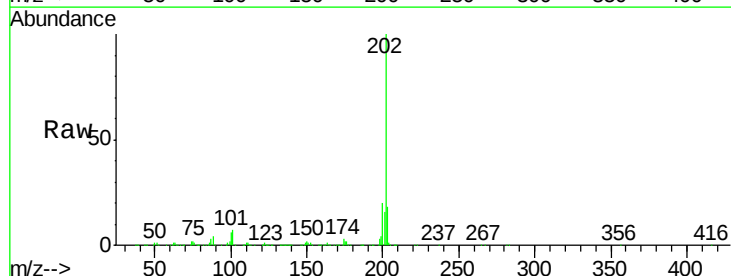
Instrument :
BNA_G
ClientSampleId :

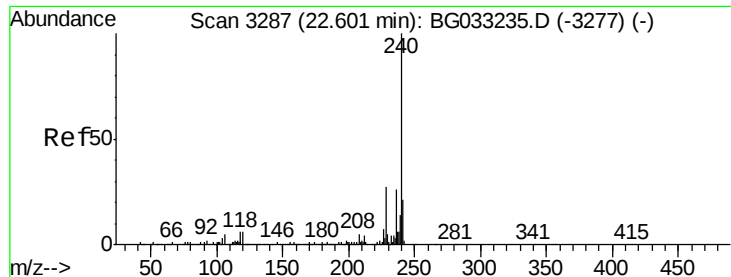
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.8	3.9	5.9



#74
Fluoranthene
Concen: 38.603 ng
RT: 20.21 min Scan# 2879
Delta R.T. -0.03 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	28.9
203	18.1	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.04 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

Instrument :

BNA_G

ClientSampleId :

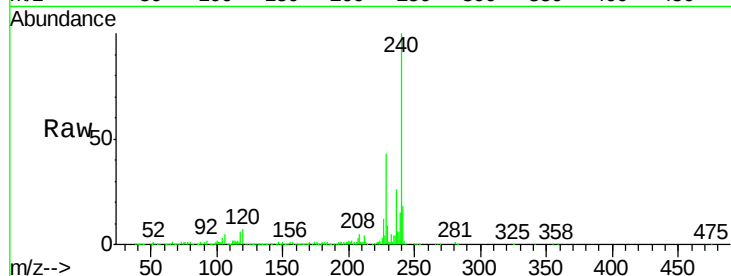
Tot Ion:240 Resp: 343973

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

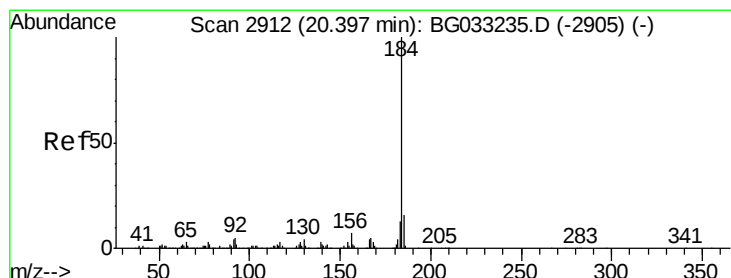
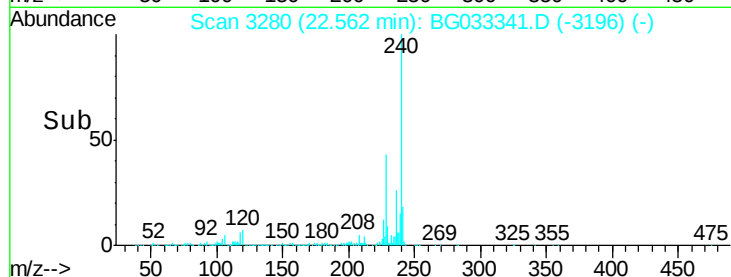
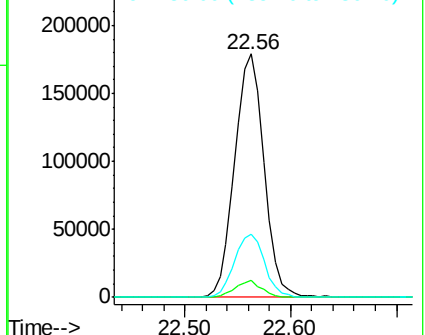
236 26.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.868 ng

RT: 20.36 min Scan# 2906

Delta R.T. -0.03 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

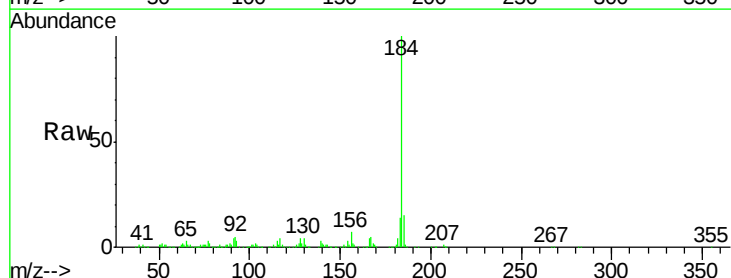
Tgt Ion:184 Resp: 371888

Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

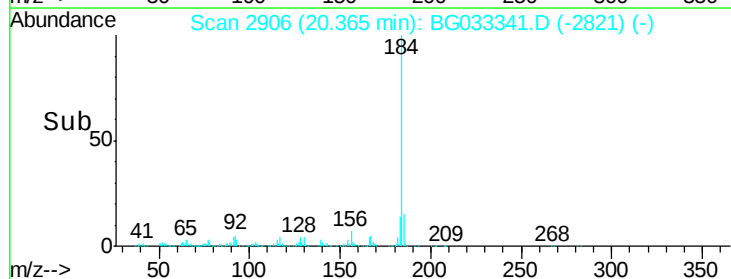
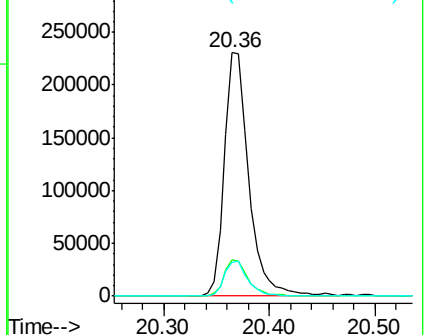
183 13.7 10.6 16.0

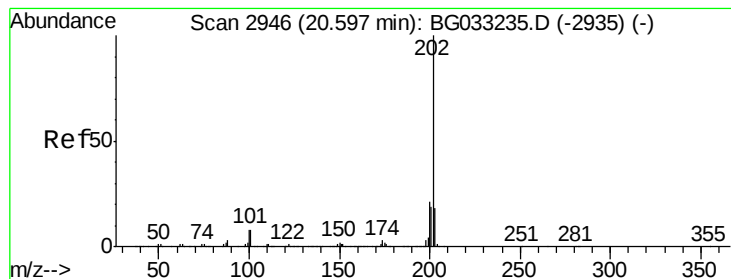


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.050 ng

RT: 20.56 min Scan# 2940

Delta R.T. -0.03 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

Instrument :

BNA_G

ClientSampleId :

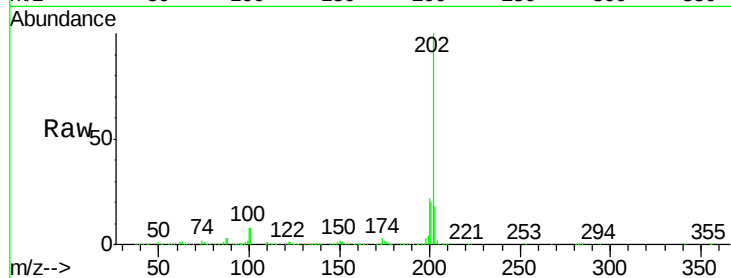
Tot Ion:202 Resp: 872916

Ion Ratio Lower Upper

202 100

200 22.1 16.9 25.3

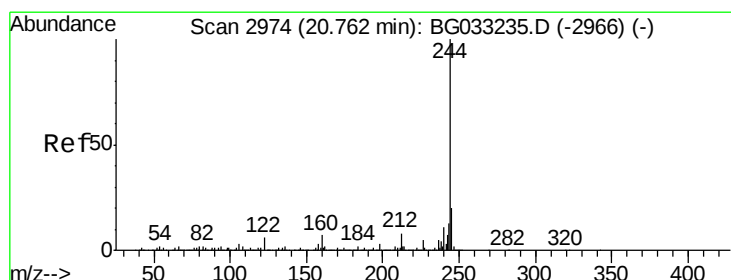
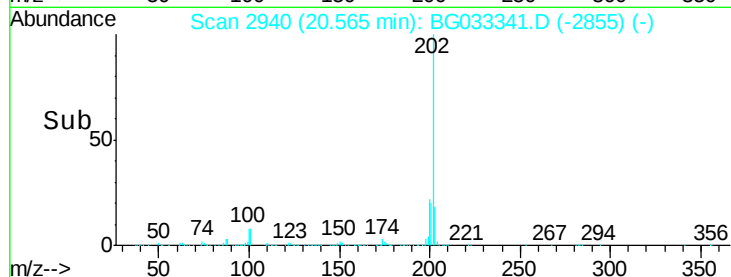
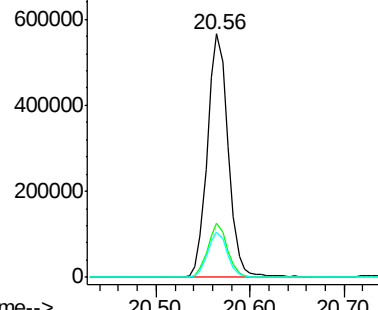
203 18.4 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.781 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.03 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

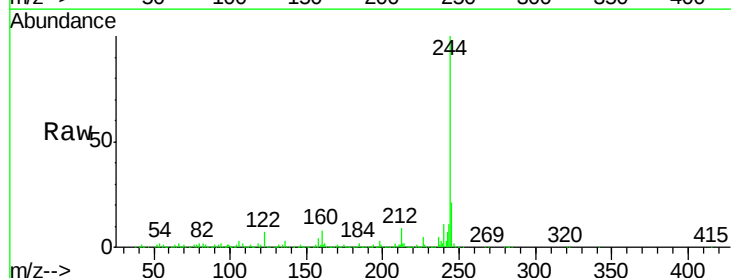
Tgt Ion:244 Resp: 1234938

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

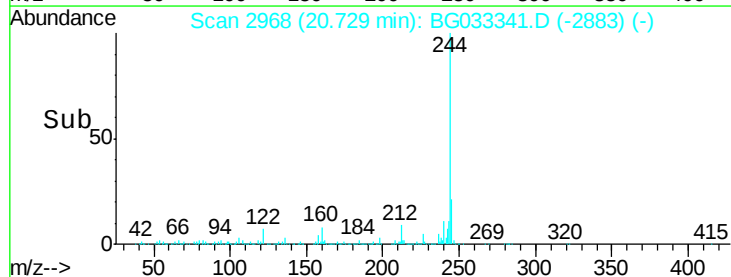
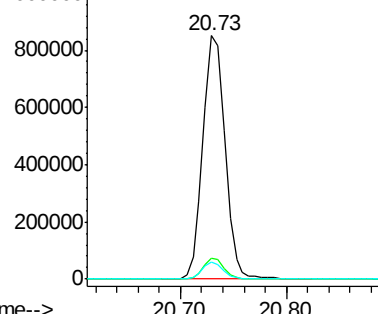
122 7.2 7.0 10.4

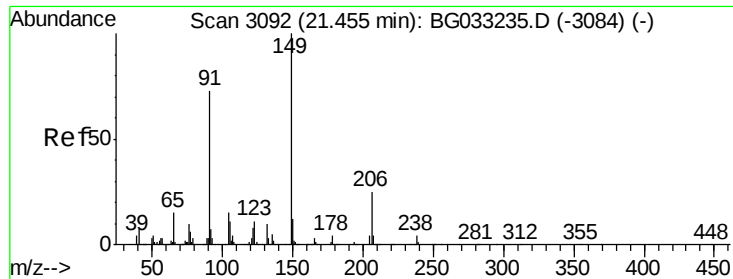


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

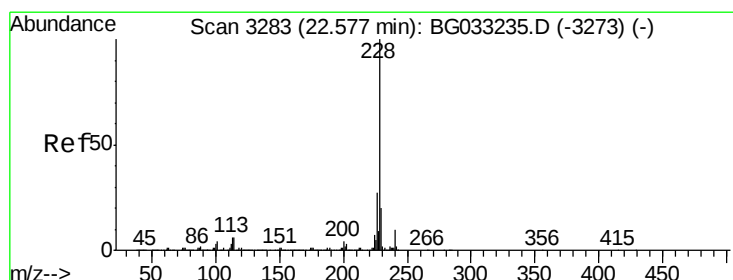
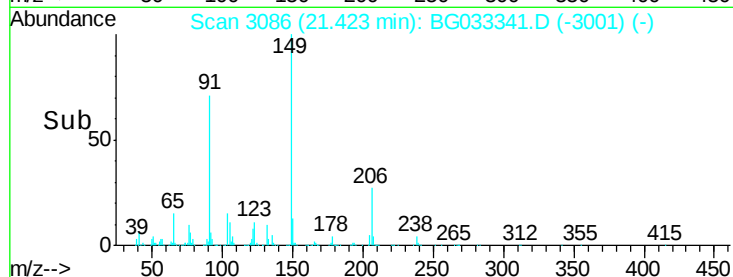
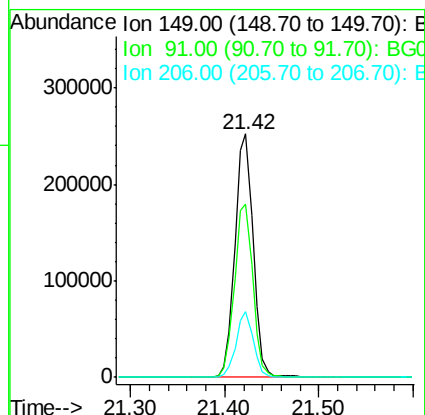
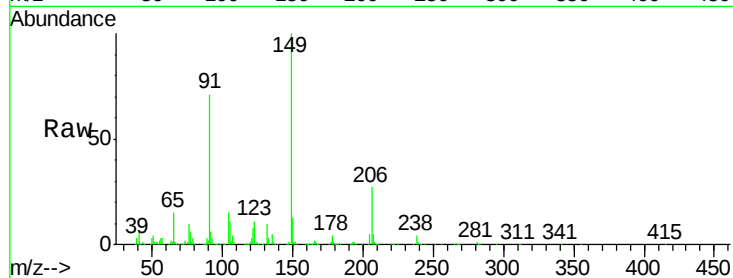




#79
Butylbenzylphthalate
Concen: 40.180 ng
RT: 21.42 min Scan# 3086
Delta R.T. -0.03 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

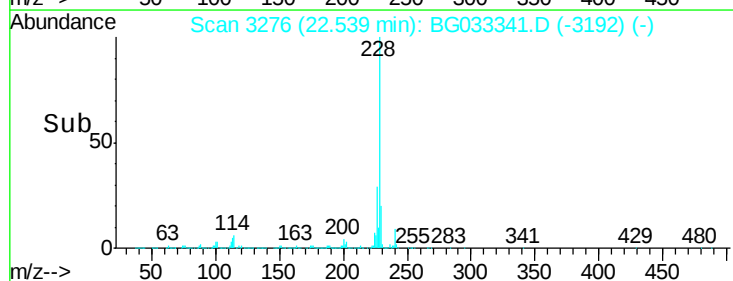
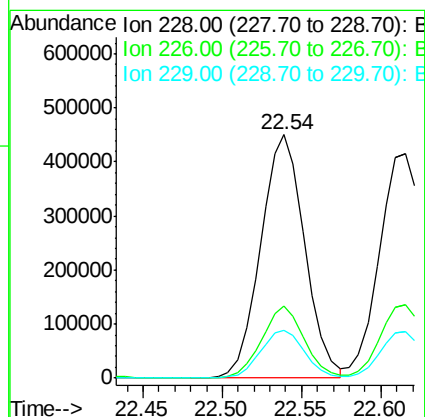
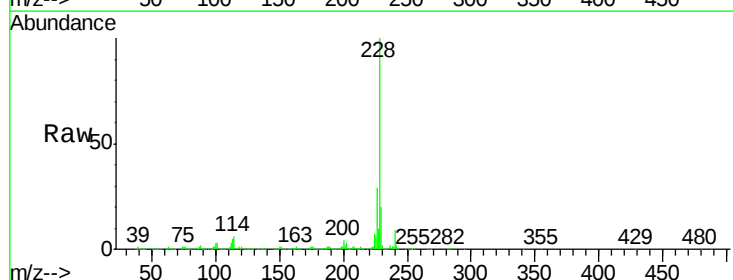
Instrument :
BNA_G
ClientSampleId :

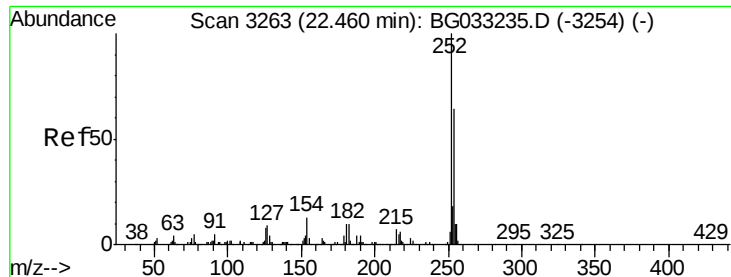
Tot Ion:149 Resp: 340155
Ion Ratio Lower Upper
149 100
91 70.9 62.2 93.2
206 26.8 18.6 27.8



#80
Benzo(a)anthracene
Concen: 39.467 ng
RT: 22.54 min Scan# 3276
Delta R.T. -0.04 min
Lab File: BG033341.D
Acq: 26 Mar 2018 22:25

Tgt Ion:228 Resp: 864446
Ion Ratio Lower Upper
228 100
226 29.4 22.7 34.1
229 19.9 16.2 24.2

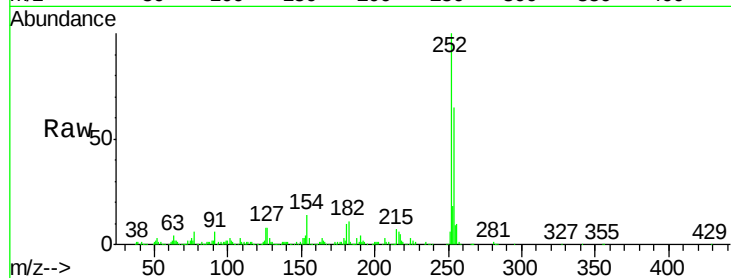




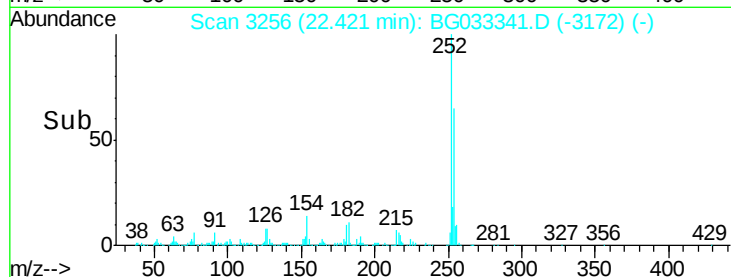
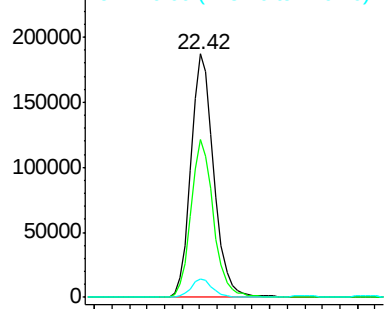
#81
 3,3'-Dichlorobenzidine
 Concen: 43.508 ng
 RT: 22.42 min Scan# 3256
 Delta R.T. -0.04 min
 Lab File: BG033341.D
 Acq: 26 Mar 2018 22:25

Instrument :
 BNA_G
 ClientSampleId :

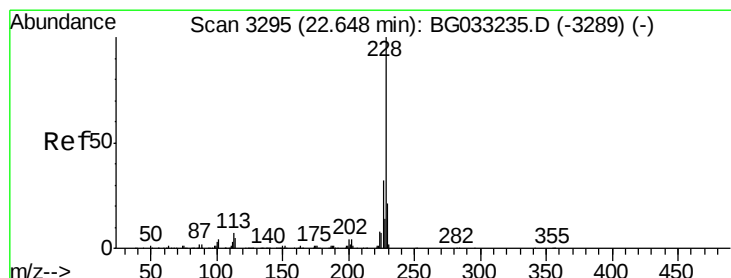
Tot Ion:252 Resp: 339106
 Ion Ratio Lower Upper
 252 100
 254 64.9 50.8 76.2
 126 7.5 7.4 11.2



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

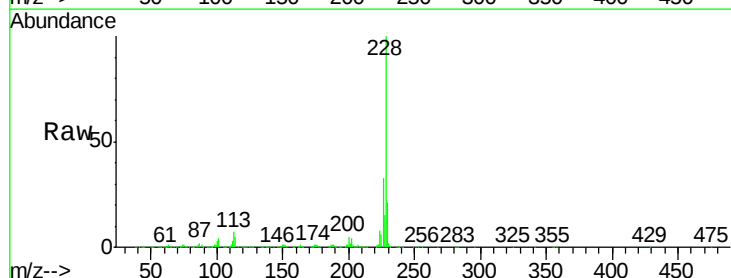


Time-->

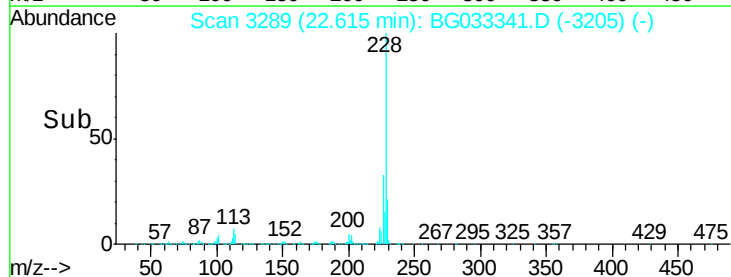
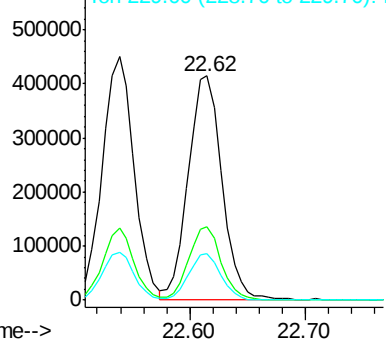


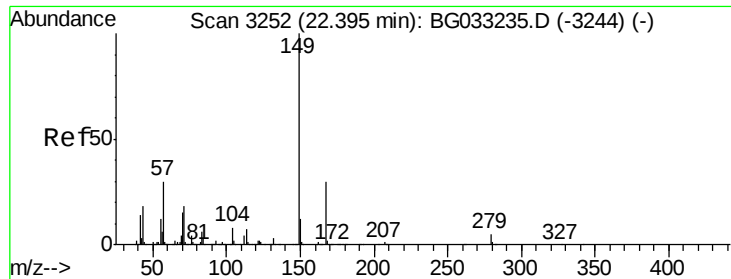
#82
 Chrysene
 Concen: 39.399 ng
 RT: 22.62 min Scan# 3289
 Delta R.T. -0.04 min
 Lab File: BG033341.D
 Acq: 26 Mar 2018 22:25

Tgt Ion:228 Resp: 835325
 Ion Ratio Lower Upper
 228 100
 226 32.5 24.9 37.3
 229 20.8 15.0 22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.363 ng

RT: 22.36 min Scan# 3245

Delta R.T. -0.04 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

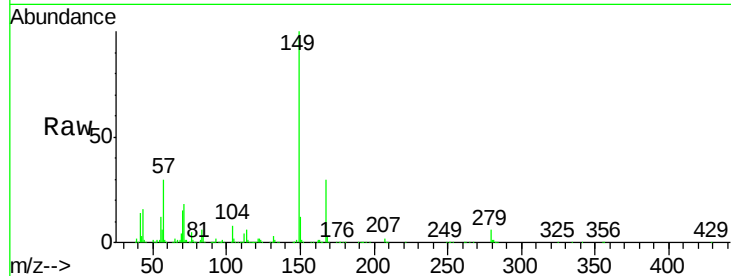
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 482709

Ion	Ratio	Lower	Upper
149	100		
167	29.5	24.3	36.5
279	5.9	4.0	6.0

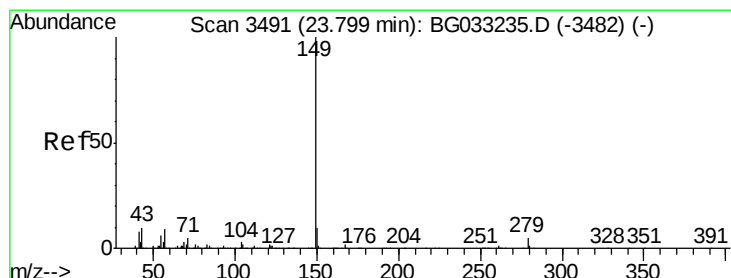
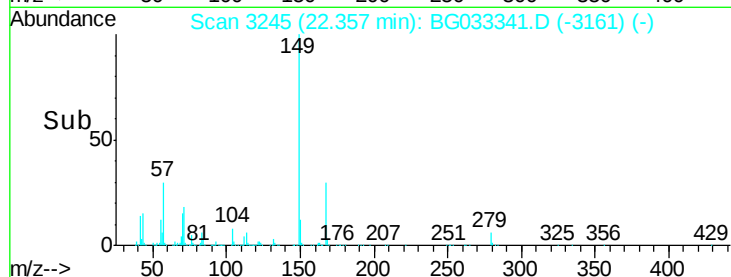
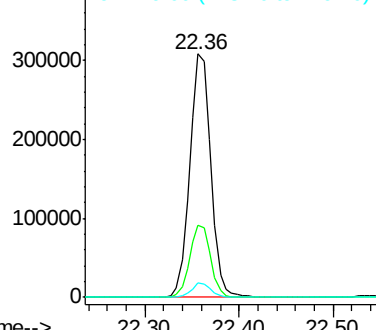


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.453 ng

RT: 23.76 min Scan# 3483

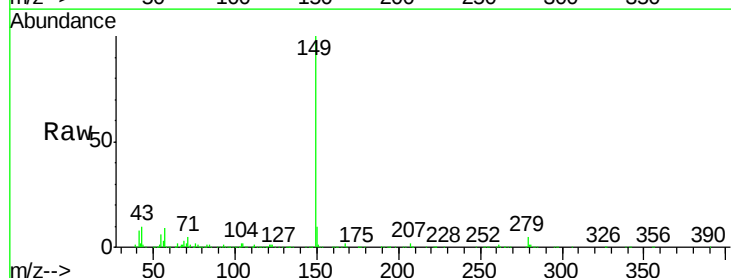
Delta R.T. -0.05 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

Tgt Ion:149 Resp: 776423

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.5	8.9	13.3

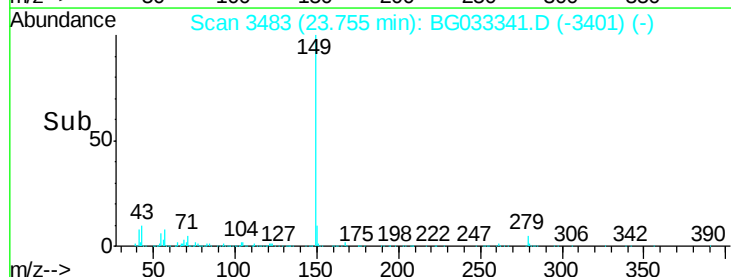
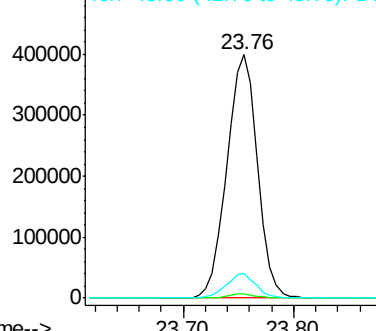


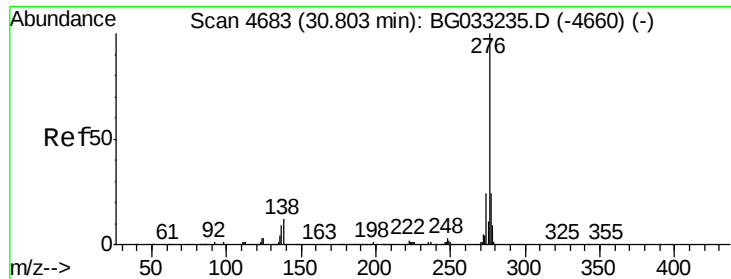
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

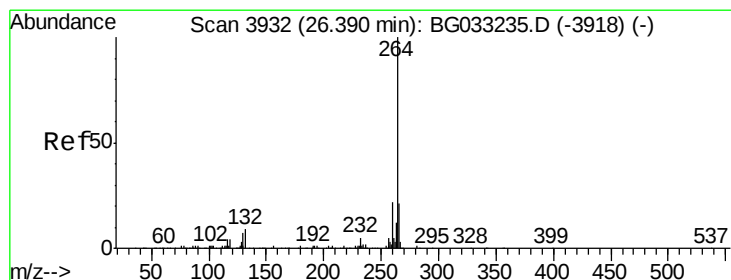
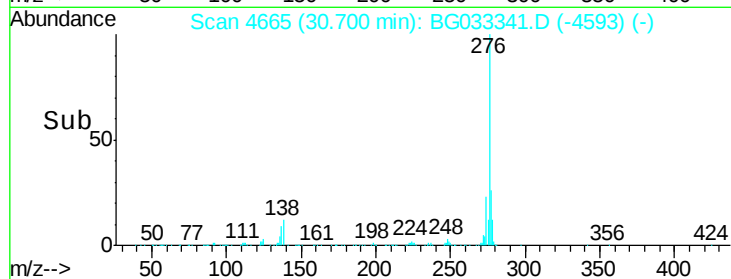
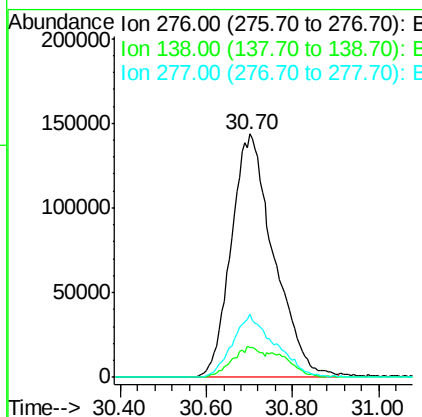
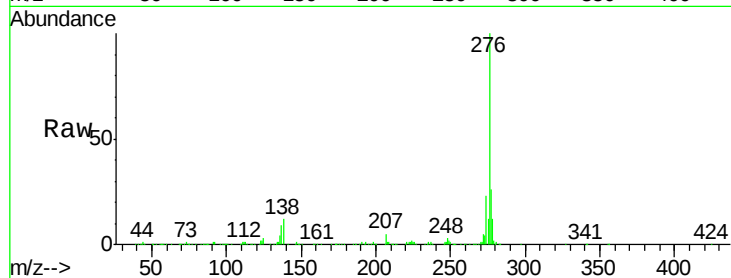




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.244 ng
 RT: 30.70 min Scan# 4665
 Delta R.T. -0.11 min
 Lab File: BG033341.D
 Acq: 26 Mar 2018 22:25

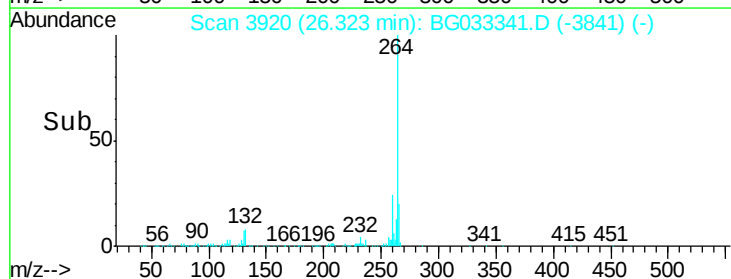
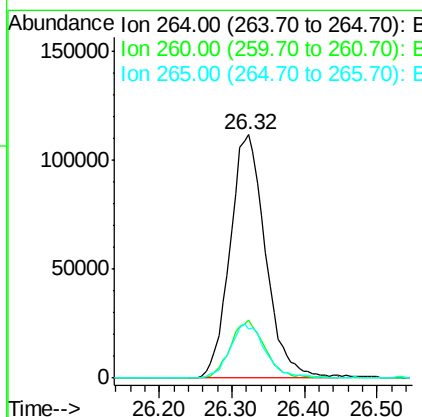
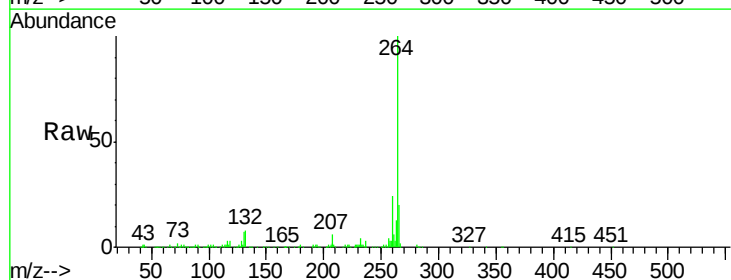
Instrument :
 BNA_G
 ClientSampleId :

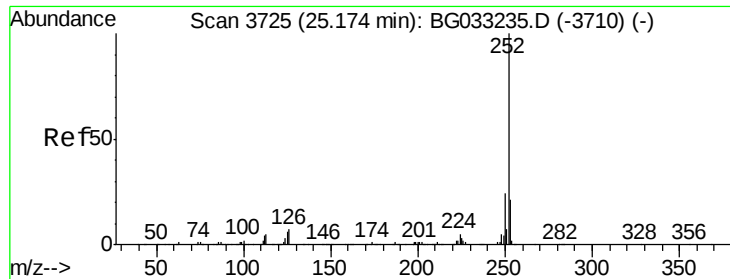
Tot Ion	Ratio	Lower	Upper
276	100		
138	8.7	16.0	24.0#
277	25.7	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. -0.06 min
 Lab File: BG033341.D
 Acq: 26 Mar 2018 22:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	20.1	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 39.222 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.05 min

Lab File: BG033341.D

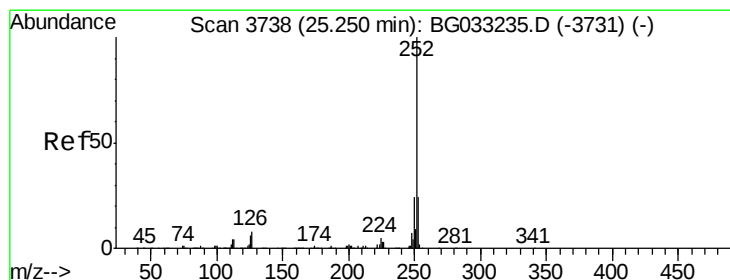
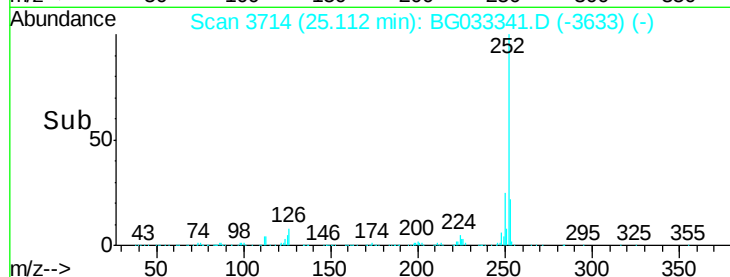
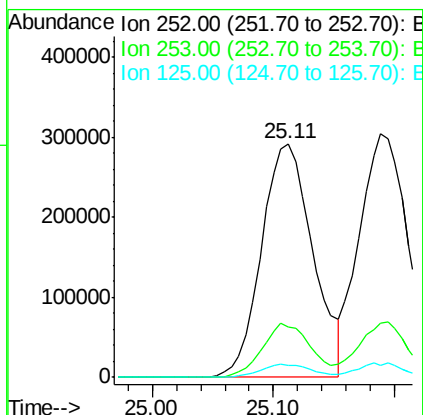
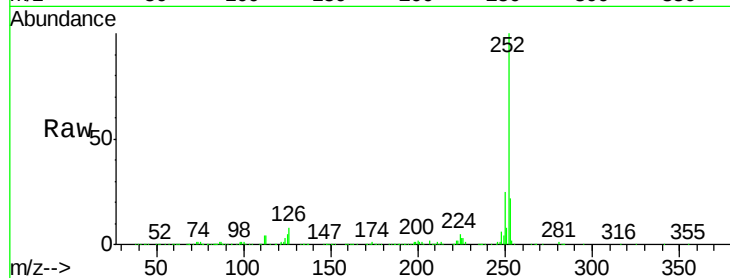
Acq: 26 Mar 2018 22:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252	Resp:	859727
Ion Ratio	Lower	Upper
252	100	
253	21.8	18.2 27.4
125	5.3	7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 39.022 ng

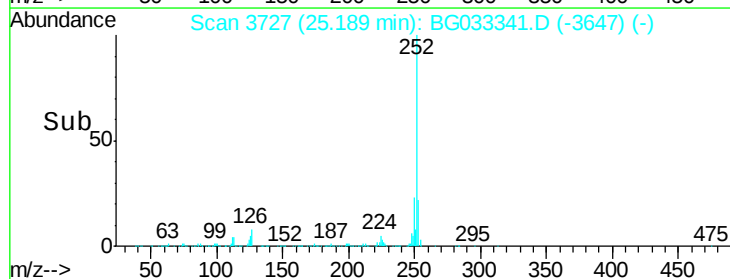
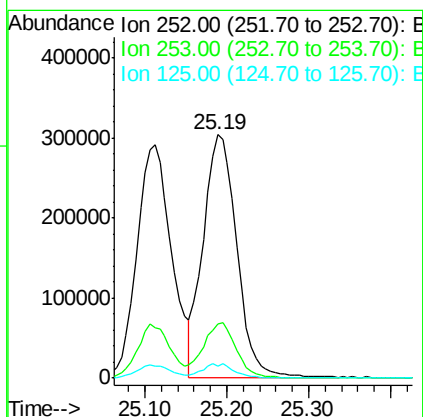
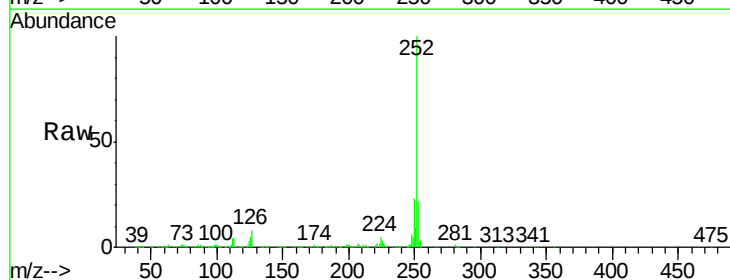
RT: 25.19 min Scan# 3727

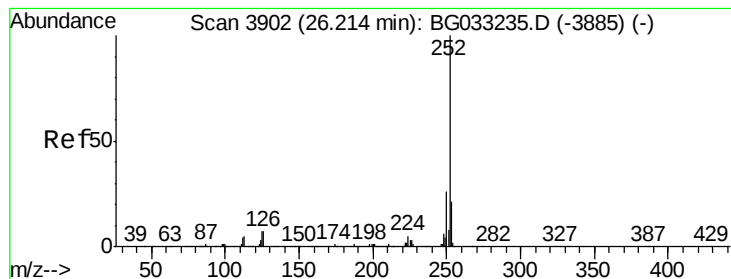
Delta R.T. -0.06 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

Tgt Ion:252	Resp:	865084
Ion Ratio	Lower	Upper
252	100	
253	22.2	17.4 26.2
125	5.0	6.6 9.8#





#89

Benzo(a)pyrene

Concen: 39.129 ng

RT: 26.14 min Scan# 3889

Delta R.T. -0.06 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

Instrument :

BNA_G

ClientSampleId :

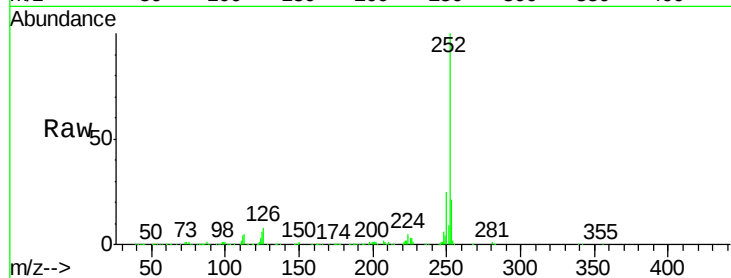
Tot Ion:252 Resp: 823661

Ion Ratio Lower Upper

252 100

253 21.0 18.3 27.5

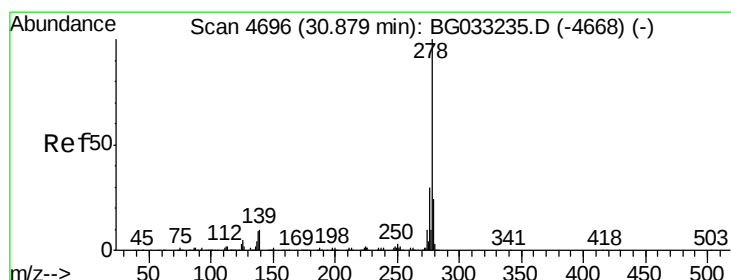
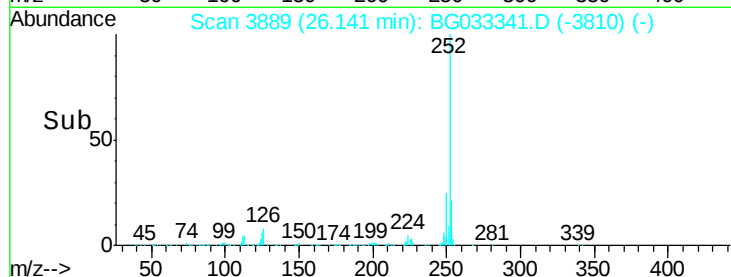
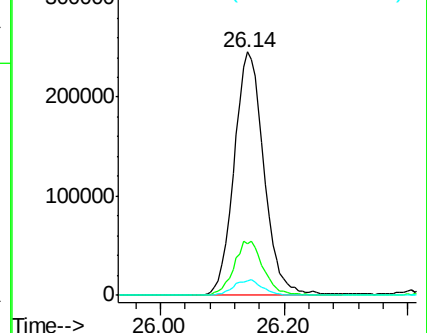
125 6.2 7.3 10.9#



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: 41.316 ng

RT: 30.77 min Scan# 4677

Delta R.T. -0.11 min

Lab File: BG033341.D

Acq: 26 Mar 2018 22:25

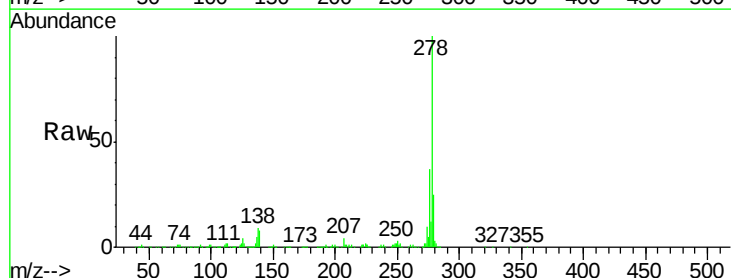
Tgt Ion:278 Resp: 819230

Ion Ratio Lower Upper

278 100

139 7.7 9.8 14.6#

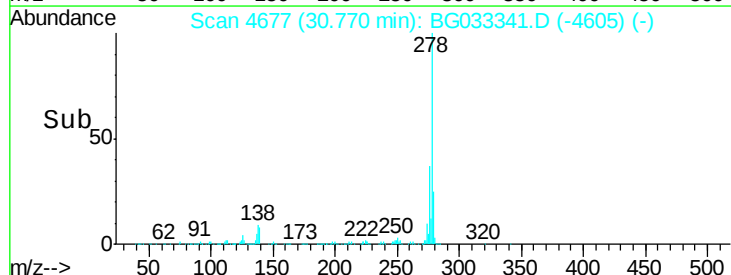
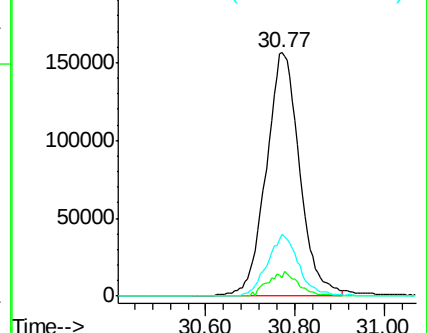
279 25.5 18.4 27.6

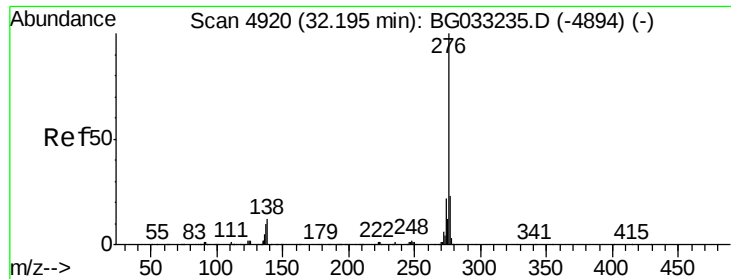


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.135 ng
 RT: 32.08 min Scan# 4900
 Delta R.T. -0.12 min
 Lab File: BG033341.D
 Acq: 26 Mar 2018 22:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.3	27.5
138	11.9	13.9	20.9

