

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
 Data File : BG033443.D
 Acq On : 30 Mar 2018 7:29
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 30 08:24:39 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	31942	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	153018	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	124654	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	332289	20.00	ng	0.00
75) Chrysene-d12	22.57	240	337141	20.00	ng	0.00
86) Perylene-d12	26.33	264	370392	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.30	112	144976	85.11	ng	0.00
7) Phenol-d6	7.98	99	240780	82.26	ng	0.00
23) Nitrobenzene-d5	10.07	82	259773	78.00	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	151781	81.41	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	646829	74.91	ng	0.00
78) Terphenyl-d14	20.73	244	1176575	74.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.93	88	33875	39.158	ng	87
3) Pyridine	4.39	79	100995	42.233	ng	97
4) n-Nitrosodimethylamine	4.30	42	40699	41.471	ng	# 75
6) Aniline	8.17	93	146005	42.419	ng	96
8) 2-Chlorophenol	8.42	128	83082	42.662	ng	96
9) Benzaldehyde	7.98	77	64187	34.508	ng	88
10) Phenol	8.01	94	119399	41.318	ng	90
11) bis(2-Chloroethyl)ether	8.25	93	91471	38.780	ng	93
12) 1,3-Dichlorobenzene	8.75	146	99797	39.197	ng	93
13) 1,4-Dichlorobenzene	8.90	146	104712	41.066	ng	90
14) 1,2-Dichlorobenzene	9.23	146	97314	39.103	ng	97
15) Benzyl Alcohol	9.11	79	99002	42.961	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.39	45	157068	40.848	ng	86
17) 2-Methylphenol	9.31	107	80690	40.989	ng	# 93
18) Hexachloroethane	9.99	117	39710	40.351	ng	88
19) n-Nitroso-di-n-propylamine	9.68	70	93175	43.444	ng	96
20) 3+4-Methylphenols	9.64	107	120128	42.859	ng	93
22) Acetophenone	9.71	105	170888	40.764	ng	# 95
24) Nitrobenzene	10.12	77	136176	38.199	ng	90
25) Isophorone	10.63	82	268691	41.567	ng	98
26) 2-Nitrophenol	10.84	139	57799	42.825	ng	# 89
27) 2,4-Dimethylphenol	10.87	122	79691	40.645	ng	93
28) bis(2-Chloroethoxy)methane	11.11	93	123862	38.404	ng	95
29) 2,4-Dichlorophenol	11.38	162	96895	40.185	ng	96
30) 1,2,4-Trichlorobenzene	11.60	180	118476	37.819	ng	88
31) Naphthalene	11.80	128	307605	38.793	ng	99
33) 4-Chloroaniline	11.90	127	133878	37.685	ng	# 88
34) Hexachlorobutadiene	12.06	225	87891	37.100	ng	96
35) Caprolactam	12.64	113	43943	46.519	ng	98
36) 4-Chloro-3-methylphenol	12.97	107	125606	39.941	ng	95
37) 2-Methylnaphthalene	13.35	142	239974	38.991	ng	90
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	166364	36.844	ng	98
40) Hexachlorocyclopentadiene	13.68	237	88167	33.309	ng	97
42) 2,4,6-Trichlorophenol	13.93	196	103177	39.329	ng	99

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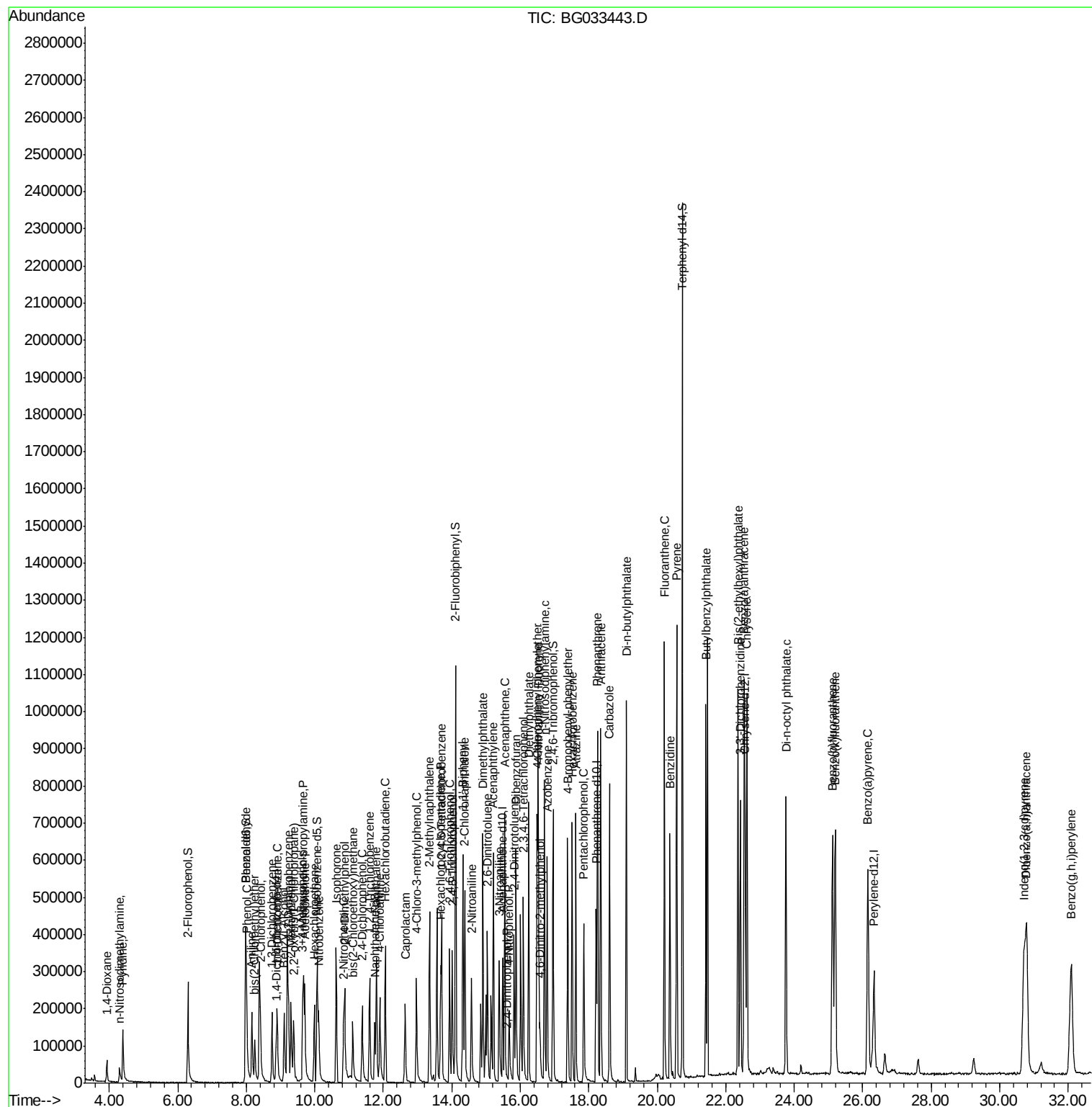
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	14.01	196	125725	40.545	nq	96
45) 1,1'-Biphenyl	14.33	154	364532	38.064	nq	97
46) 2-Chloronaphthalene	14.38	162	280764	38.022	nq	94
47) 2-Nitroaniline	14.58	65	113369	40.989	nq	92
48) Acenaphthylene	15.22	152	479065	38.867	nq	98
49) Dimethylphthalate	14.91	163	438439	40.416	nq	100
50) 2,6-Dinitrotoluene	15.05	165	91940	41.449	nq	98
51) Acenaphthene	15.55	154	289176	36.394	nq	96
52) 3-Nitroaniline	15.39	138	94591	40.675	nq #	97
53) 2,4-Dinitrophenol	15.60	184	3067	10.058	nq #	51
54) Dibenzofuran	15.88	168	455455	38.806	nq	94
55) 4-Nitrophenol	15.67	139	58883	36.009	nq #	84
56) 2,4-Dinitrotoluene	15.82	165	131588	40.290	nq	92
57) Fluorene	16.52	166	390464	39.051	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.09	232	119284	40.862	nq	99
59) Diethylphthalate	16.25	149	432199	41.029	nq	96
60) 4-Chlorophenyl-phenylether	16.50	204	223546	38.893	nq	100
61) 4-Nitroaniline	16.54	138	98542	41.844	nq #	81
62) Azobenzene	16.78	77	398792	39.081	nq	97
64) 4,6-Dinitro-2-methylphenol	16.58	198	35400	17.808	nq	92
65) n-Nitrosodiphenylamine	16.71	169	362980	38.263	nq	97
66) 4-Bromophenyl-phenylether	17.38	248	150424	38.546	nq	95
67) Hexachlorobenzene	17.51	284	157884	38.335	nq	96
68) Atrazine	17.62	200	153172	39.846	nq	98
69) Pentachlorophenol	17.85	266	94747	33.518	nq	97
70) Phenanthrene	18.26	178	662244	38.268	nq	98
71) Anthracene	18.35	178	687146	39.215	nq	99
72) Carbazole	18.61	167	604907	38.958	nq	97
73) Di-n-butylphthalate	19.10	149	712907	39.446	nq #	98
74) Fluoranthene	20.21	202	813779	38.000	nq	97
76) Benzidine	20.37	184	431436	47.189	nq	99
77) Pyrene	20.57	202	845009	37.580	nq	99
79) Butylbenzylphthalate	21.42	149	324896	39.155	nq	98
80) Benzo(a)anthracene	22.54	228	815237	37.975	nq	99
81) 3,3'-Dichlorobenzidine	22.42	252	318968	41.754	nq #	97
82) Chrysene	22.62	228	806537	38.812	nq	98
83) Bis(2-ethylhexyl)phthalate	22.36	149	456193	39.883	nq	98
84) Di-n-octyl phthalate	23.76	149	734414	41.935	nq	99
85) Indeno(1,2,3-cd)pyrene	30.71	276	932639	41.510	nq #	95
87) Benzo(b)fluoranthene	25.12	252	792627	37.040	nq #	94
88) Benzo(k)fluoranthene	25.20	252	827562	38.237	nq #	98
89) Benzo(a)pyrene	26.15	252	785580	38.227	nq #	98
90) Dibenzo(a,h)anthracene	30.79	278	771509	39.855	nq #	97
91) Benzo(g,h,i)perylene	32.09	276	761394	39.721	nq #	92

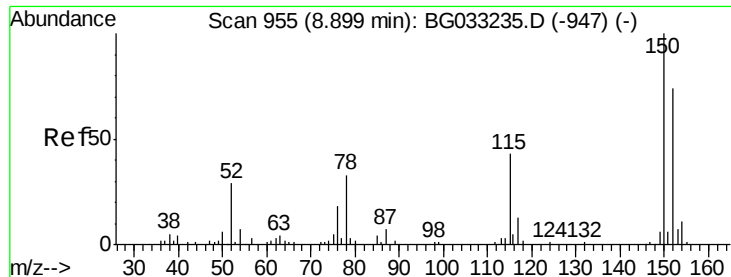
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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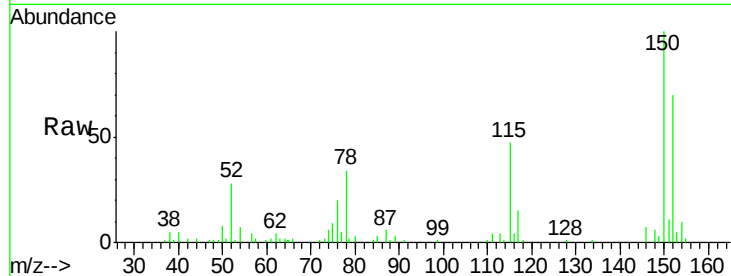


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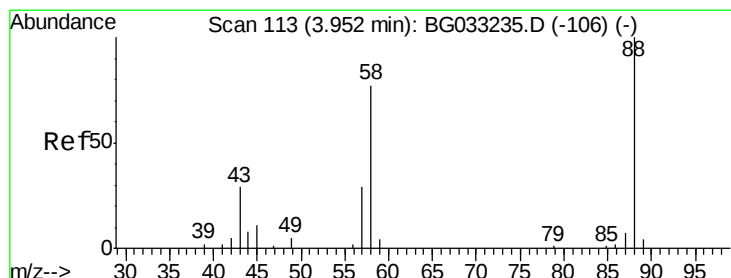
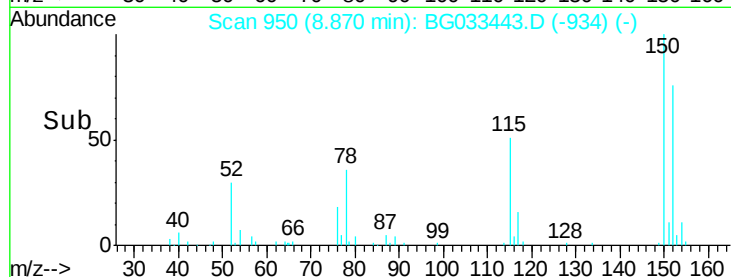
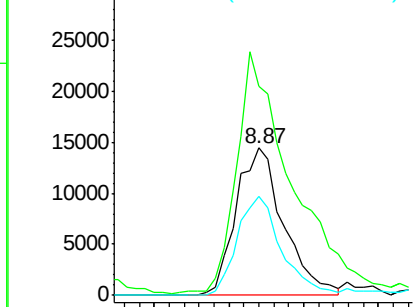
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 31942
Ion Ratio Lower Upper
152 100
150 142.2 126.6 189.8
115 67.1 53.0 79.4



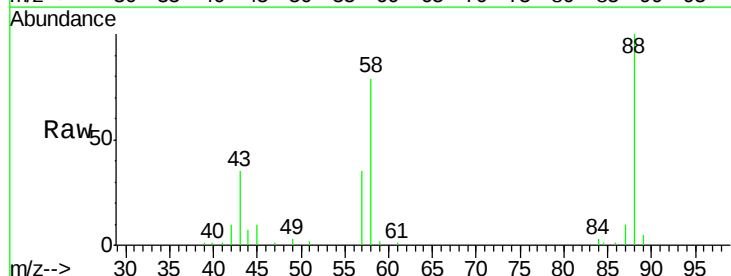
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



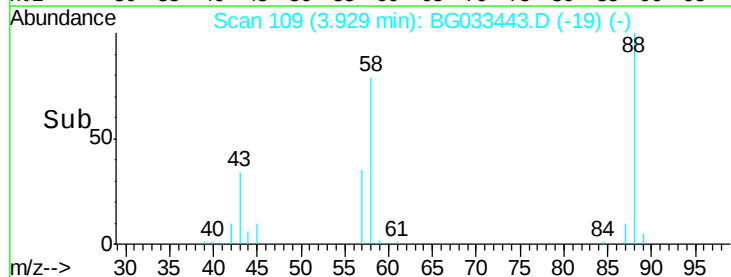
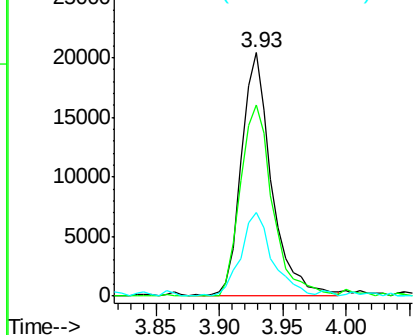
#2

1,4-Dioxane
Concen: 39.158 ng
RT: 3.93 min Scan# 109
Delta R.T. -0.00 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

Tgt Ion: 88 Resp: 33875
Ion Ratio Lower Upper
88 100
58 83.5 79.6 119.4
43 36.0 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: 42.233 ng

RT: 4.39 min Scan# 188

Delta R.T. -0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

Instrument :

BNA_G

ClientSampled :

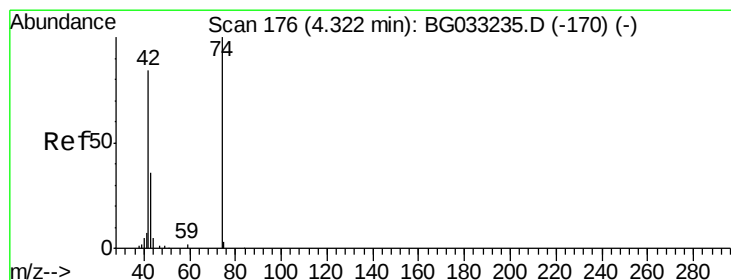
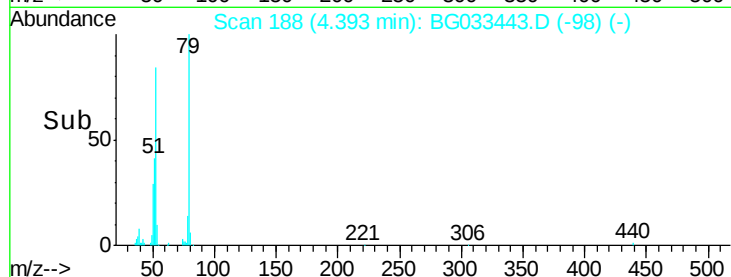
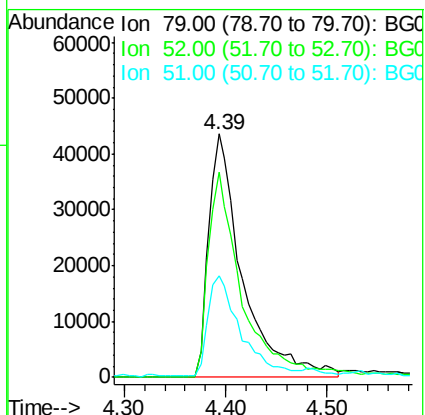
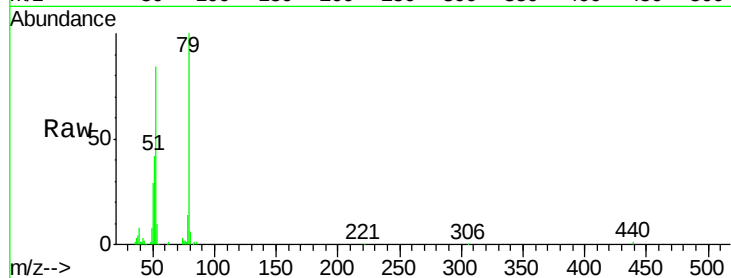
Tot Ion: 79 Resp: 100995

Ion Ratio Lower Upper

79 100

52 84.1 69.9 104.9

51 41.5 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 41.471 ng

RT: 4.30 min Scan# 172

Delta R.T. -0.01 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

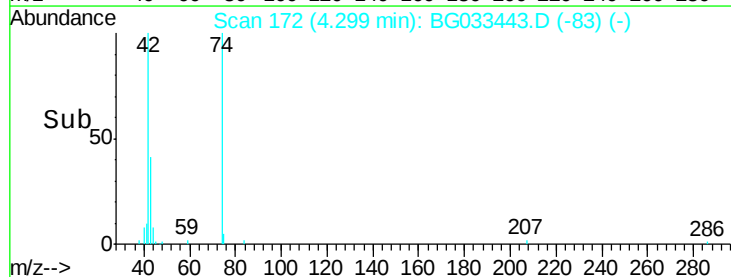
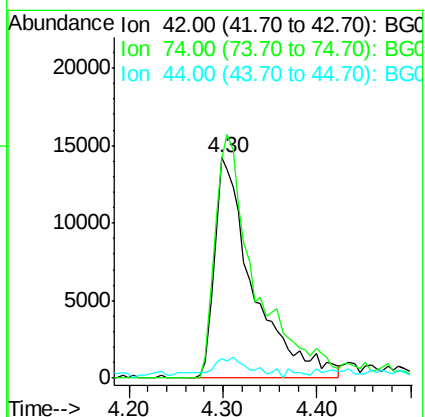
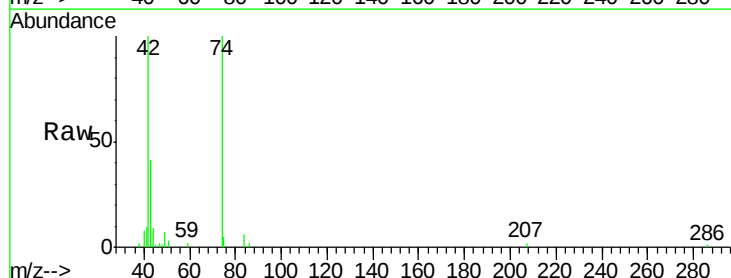
Tgt Ion: 42 Resp: 40699

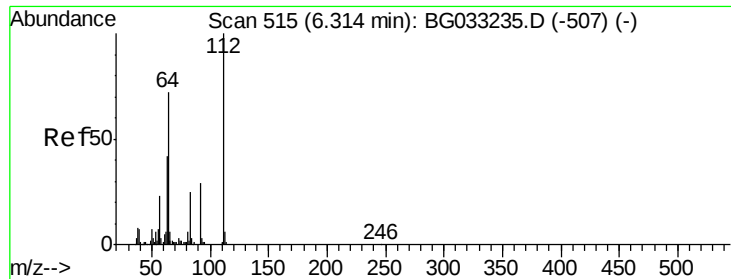
Ion Ratio Lower Upper

42 100

74 99.6 102.5 153.7#

44 9.0 18.9 28.3#





#5

2-Fluorophenol

Concen: 85.107 ng

RT: 6.30 min Scan# 512

Delta R.T. 0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

Instrument :

BNA_G

ClientSampleId :

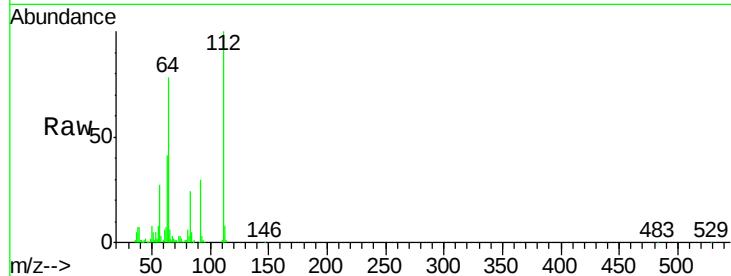
Tot Ion:112 Resp: 144976

Ion Ratio Lower Upper

112 100

64 78.4 56.3 84.5

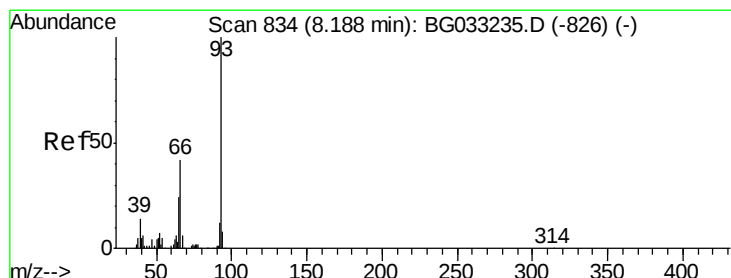
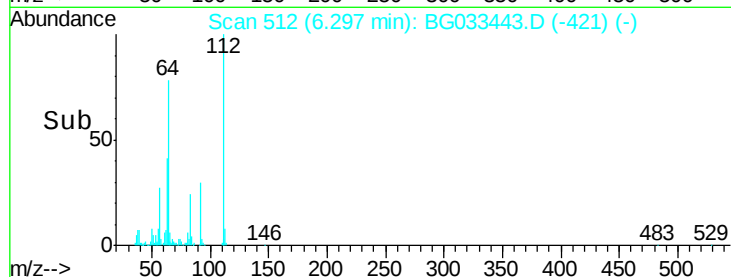
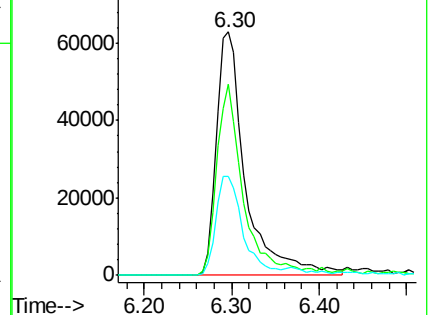
63 40.9 30.1 45.1



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: 42.419 ng

RT: 8.17 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

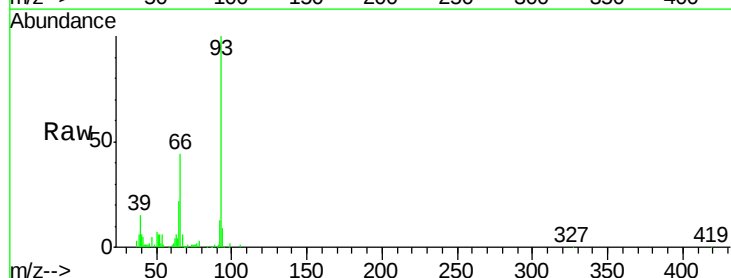
Tgt Ion: 93 Resp: 146005

Ion Ratio Lower Upper

93 100

66 44.4 33.7 50.5

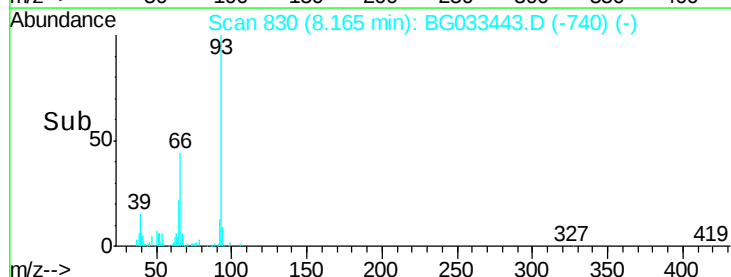
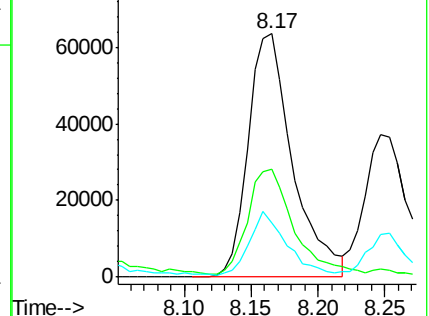
65 22.1 16.1 24.1

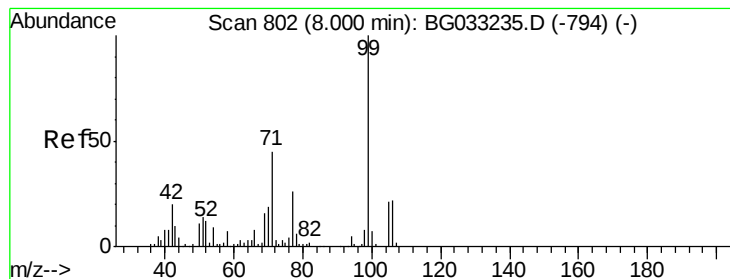


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.264 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

Instrument :

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ClientSampleId :

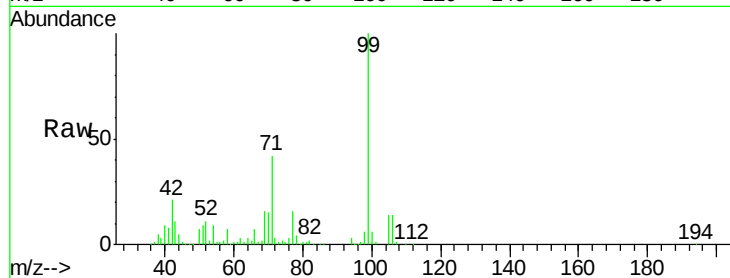
Tot Ion: 99 Resp: 240780

Ion Ratio Lower Upper

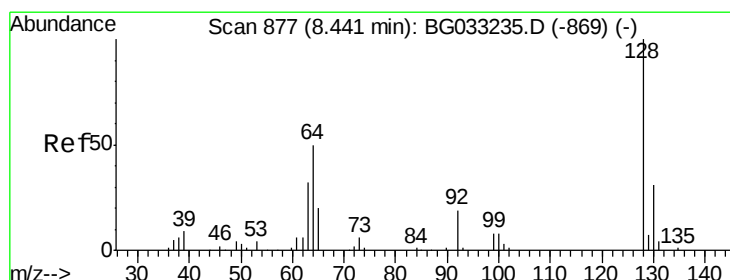
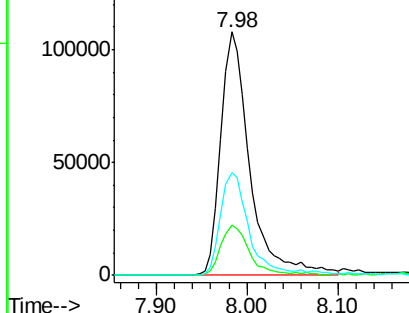
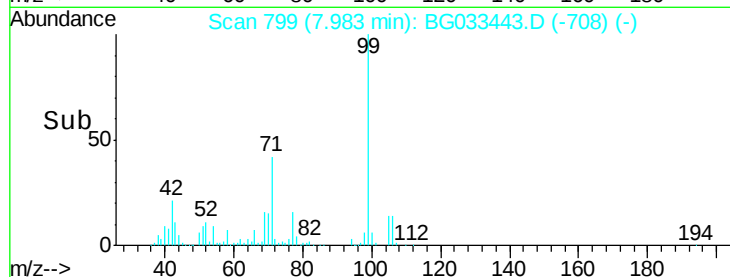
99 100

42 20.9 14.1 21.1

71 42.2 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: 42.662 ng

RT: 8.42 min Scan# 873

Delta R.T. -0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

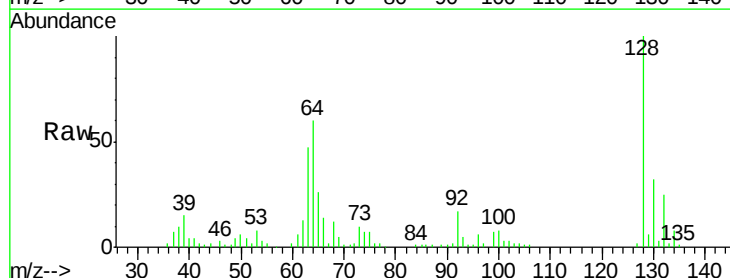
Tgt Ion: 128 Resp: 83082

Ion Ratio Lower Upper

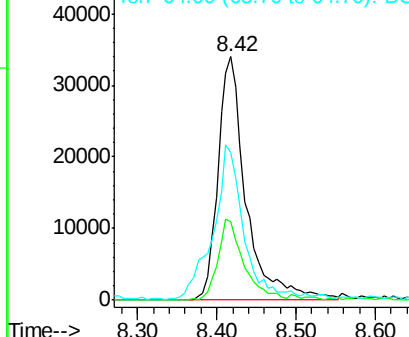
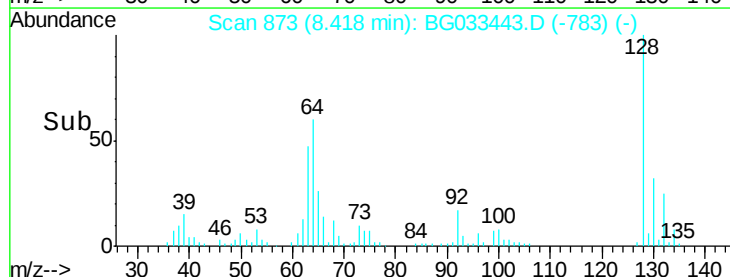
128 100

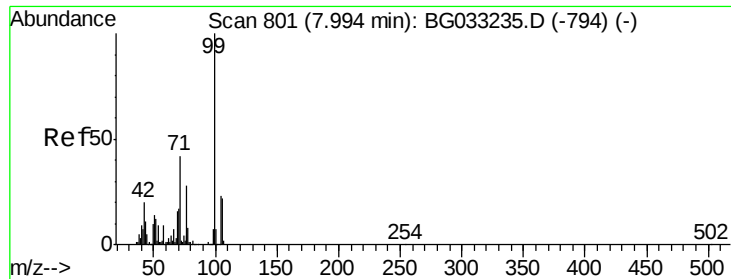
130 32.1 14.0 54.0

64 60.4 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: 34.508 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

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Acq: 30 Mar 2018 7:29

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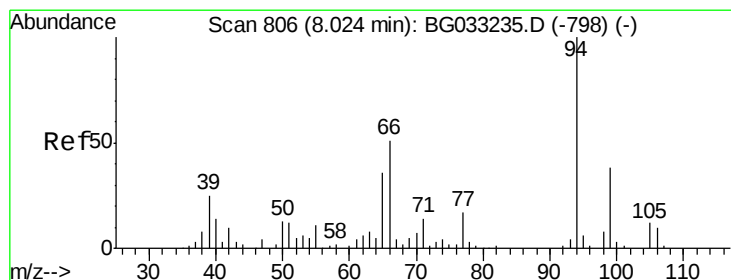
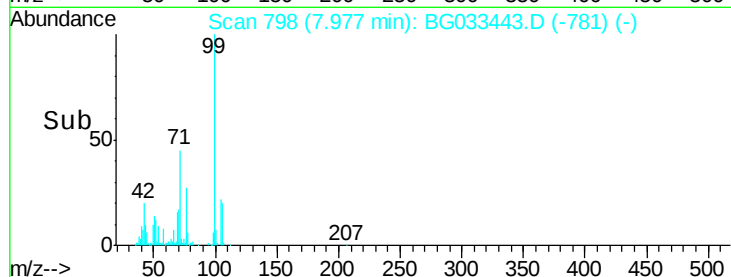
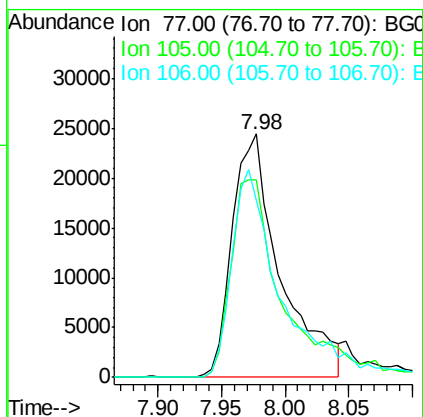
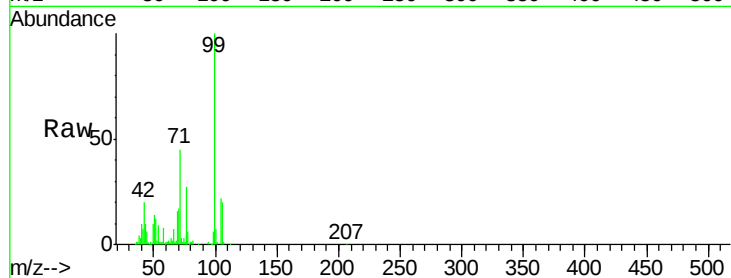
Tot Ion: 77 Resp: 64187

Ion Ratio Lower Upper

77 100

105 81.4 71.3 111.3

106 72.6 64.2 104.2



#10

Phenol

Concen: 41.318 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033443.D

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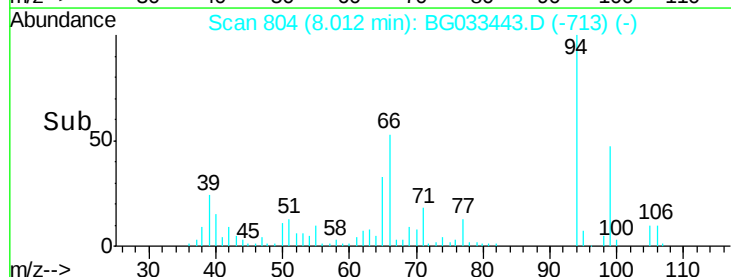
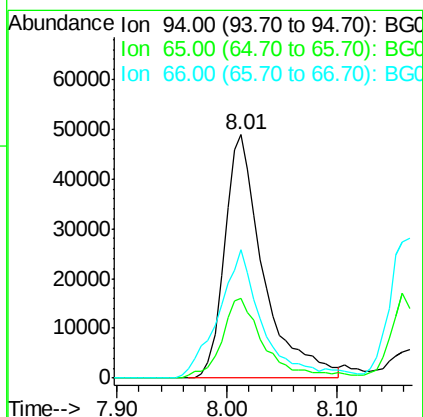
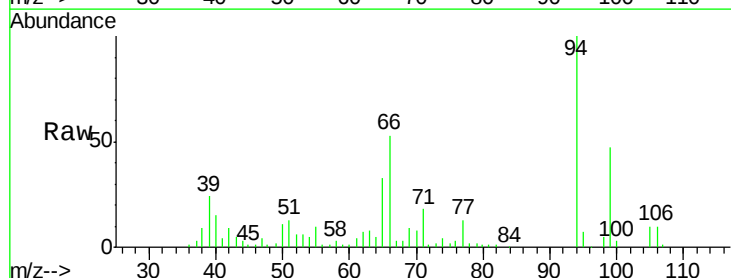
Tgt Ion: 94 Resp: 119399

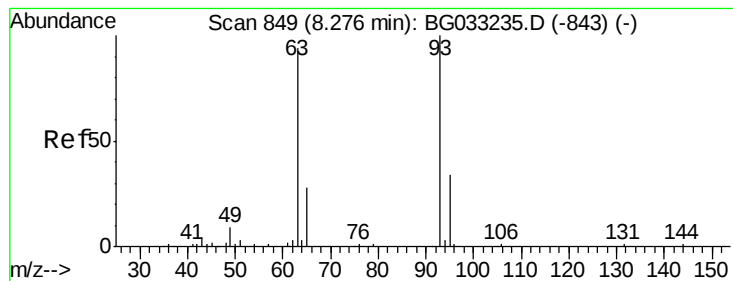
Ion Ratio Lower Upper

94 100

65 33.0 11.9 51.9

66 52.8 22.2 62.2

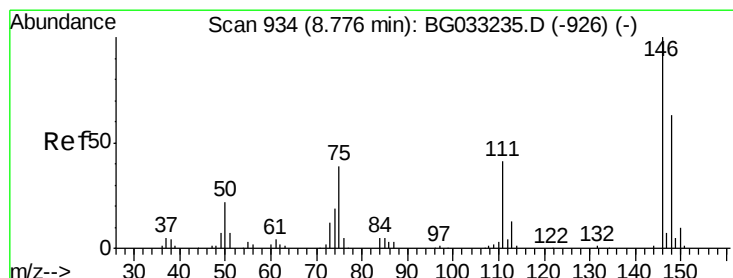
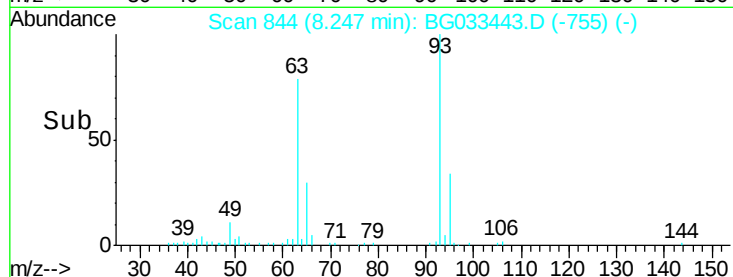
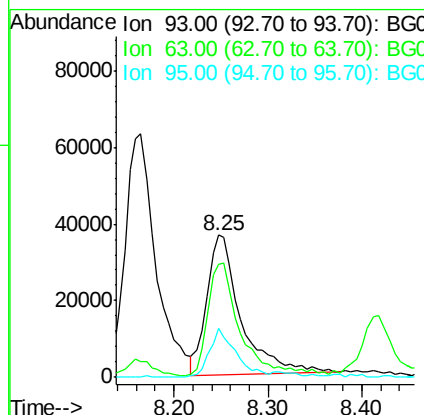
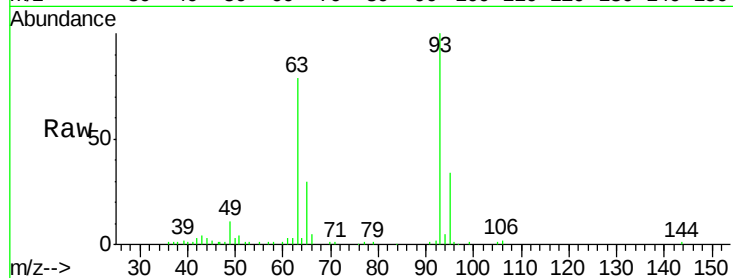




#11
bis(2-Chloroethyl)ether
Concen: 38.780 ng
RT: 8.25 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

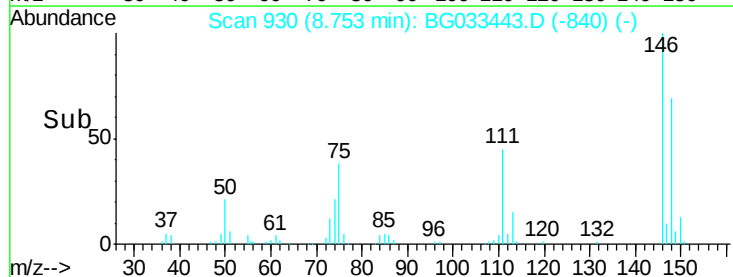
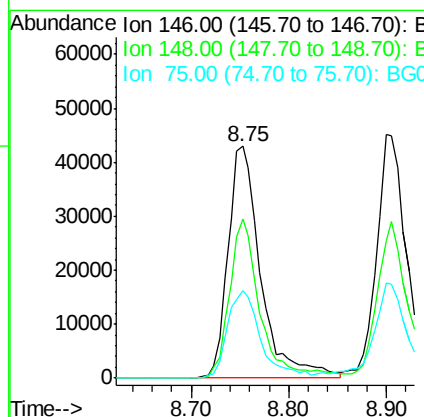
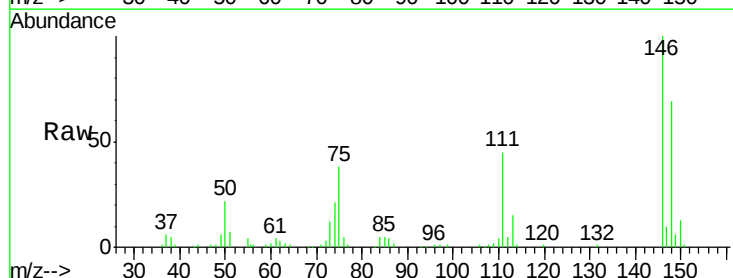
Instrument :
BNA_G
ClientSampled :

Tot Ion: 93 Resp: 91471
Ion Ratio Lower Upper
93 100
63 79.2 67.1 107.1
95 34.1 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 39.197 ng
RT: 8.75 min Scan# 930
Delta R.T. -0.00 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

Tgt Ion: 146 Resp: 99797
Ion Ratio Lower Upper
146 100
148 68.9 51.4 77.2
75 37.9 26.6 39.8

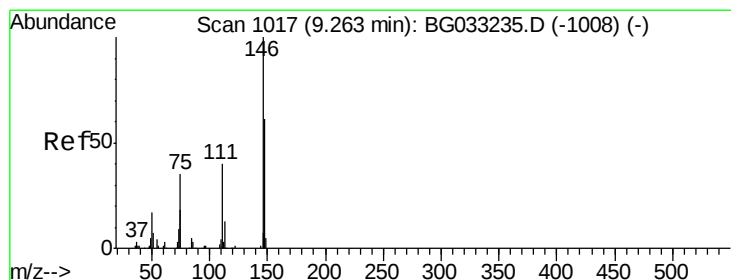
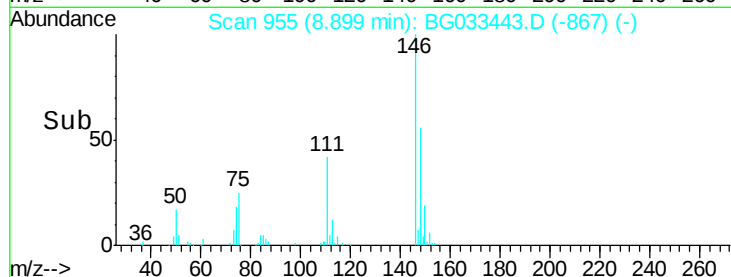
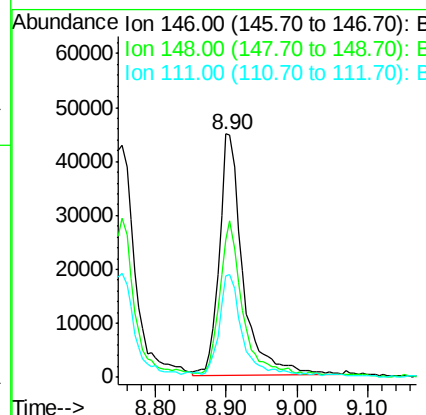
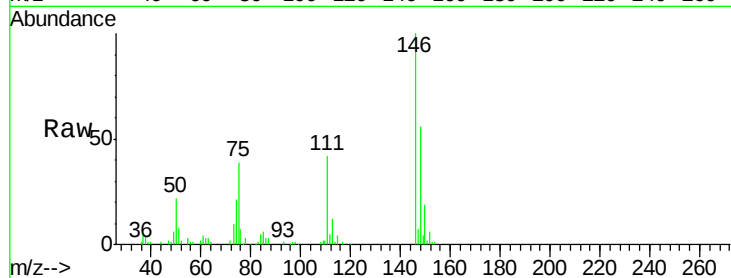




#13
 1,4-Dichlorobenzene
 Concen: 41.066 ng
 RT: 8.90 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BG033443.D
 Acq: 30 Mar 2018 7:29

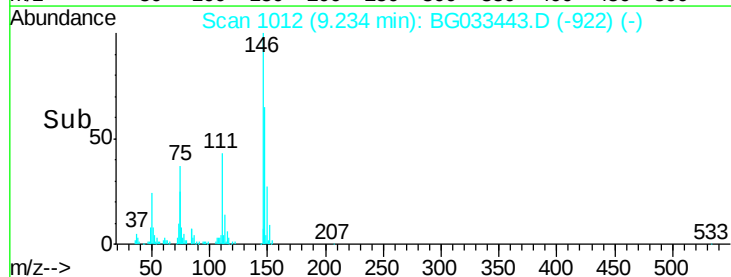
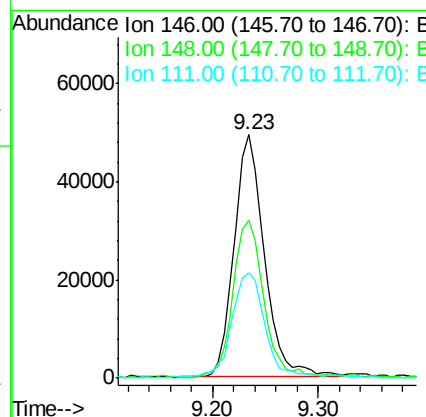
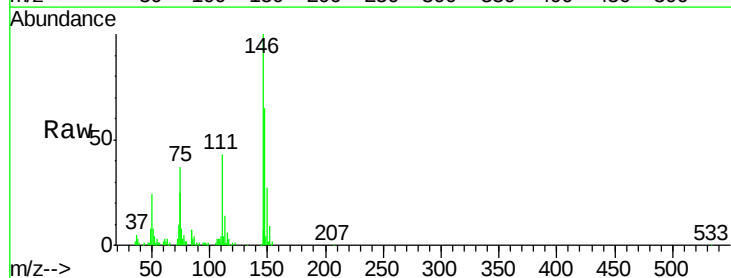
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 104712
 Ion Ratio Lower Upper
 146 100
 148 56.4 53.7 80.5
 111 41.6 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 39.103 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BG033443.D
 Acq: 30 Mar 2018 7:29

Tgt Ion:146 Resp: 97314
 Ion Ratio Lower Upper
 146 100
 148 64.8 49.3 73.9
 111 43.5 34.3 51.5

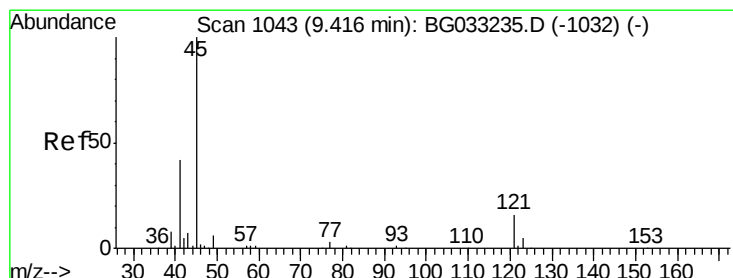
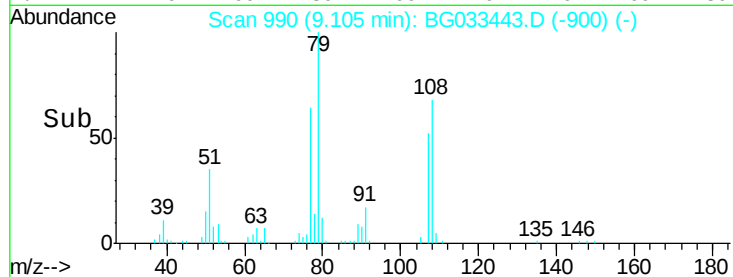
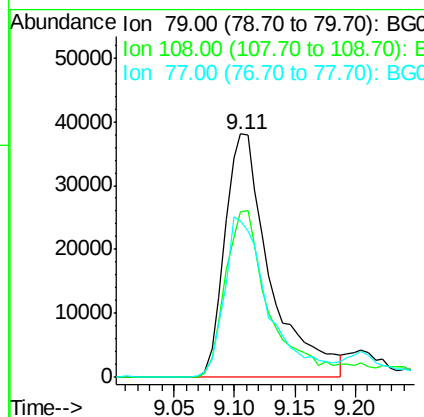
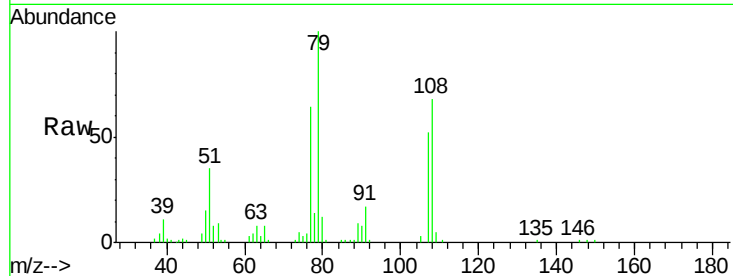




#15
Benzyl Alcohol
Concen: 42.961 ng
RT: 9.11 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

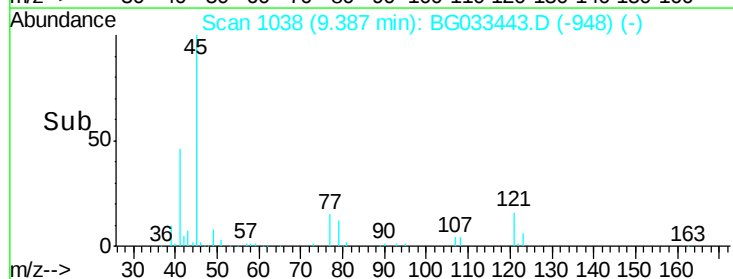
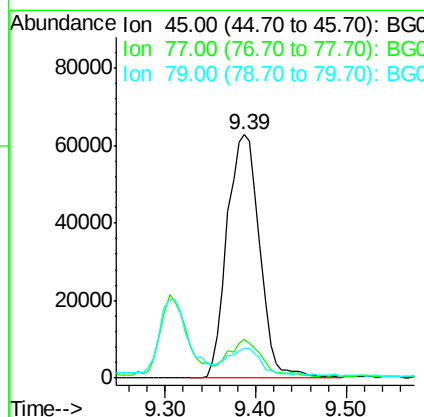
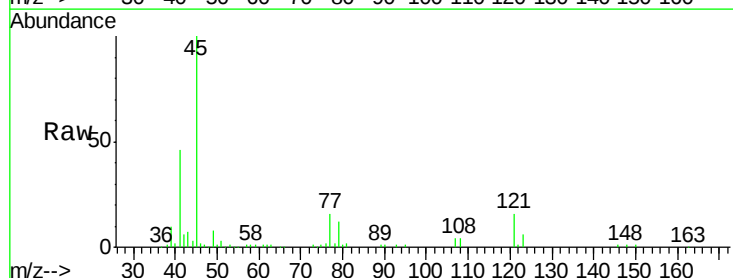
Instrument :
BNA_G
ClientSampleId :

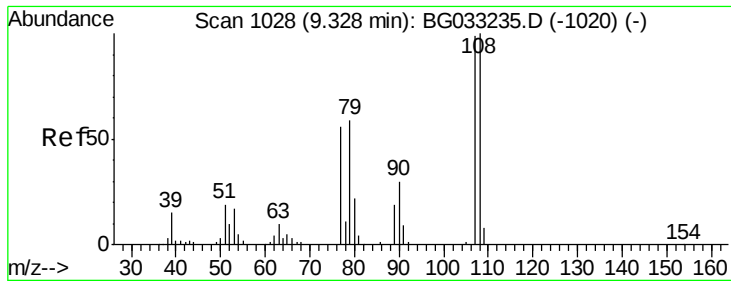
Tot Ion: 79 Resp: 99002
Ion Ratio Lower Upper
79 100
108 68.0 57.2 85.8
77 64.4 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.848 ng
RT: 9.39 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

Tgt Ion: 45 Resp: 157068
Ion Ratio Lower Upper
45 100
77 15.7 0.0 30.2
79 12.3 0.0 27.9

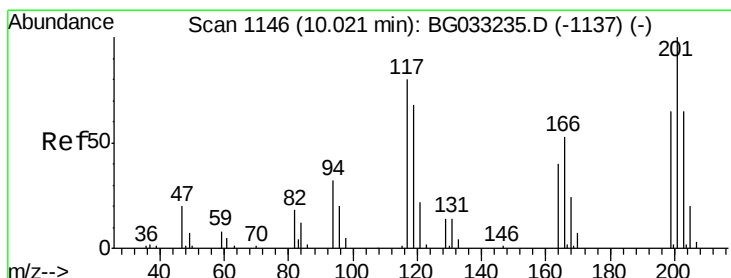
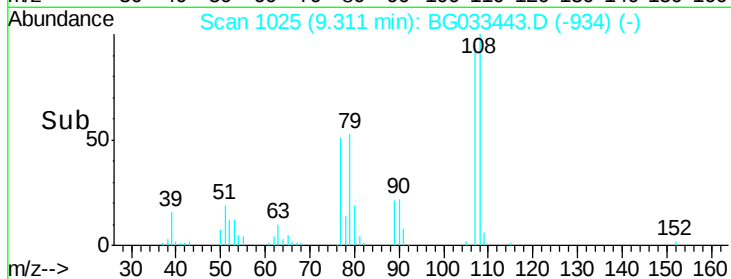
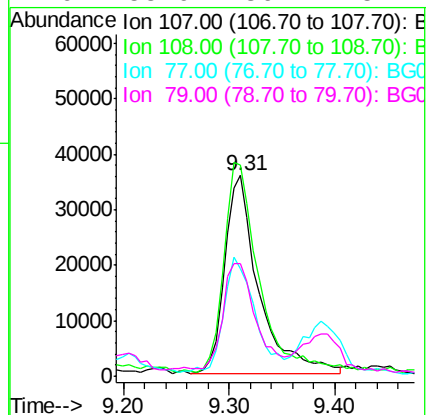
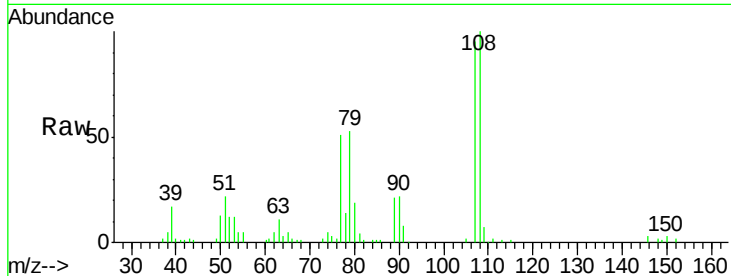




#17
2-Methylphenol
Concen: 40.989 ng
RT: 9.31 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

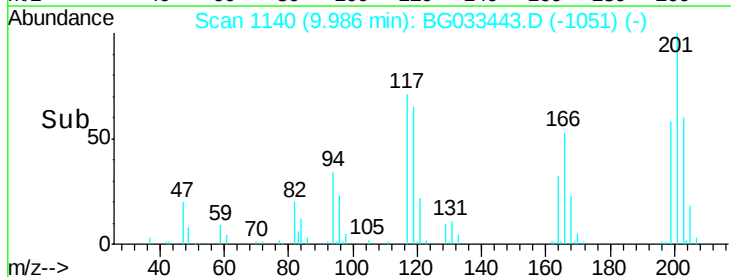
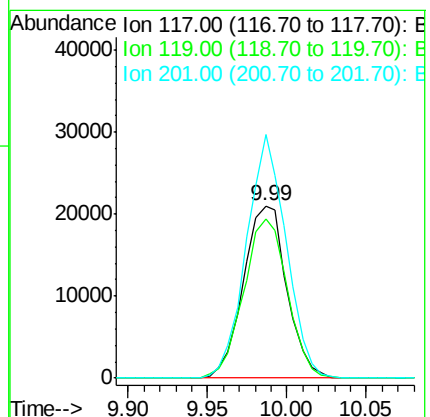
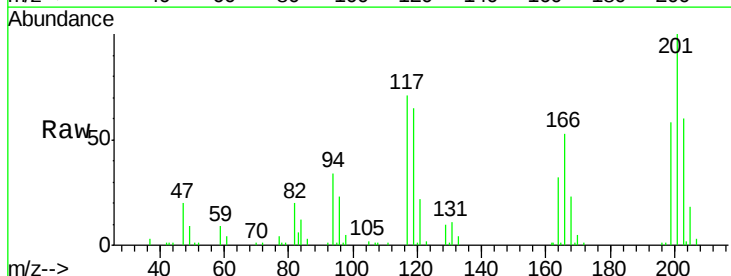
Instrument :
BNA_G
ClientSampled :

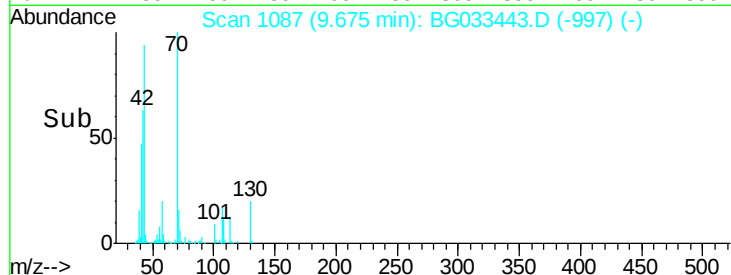
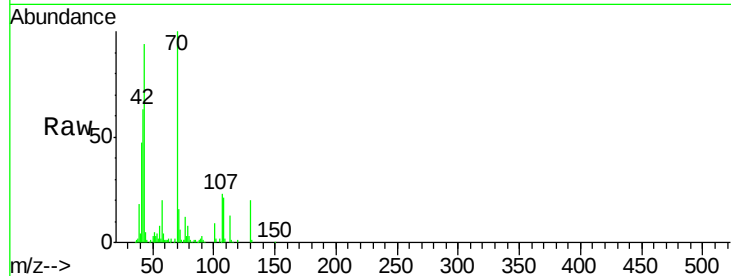
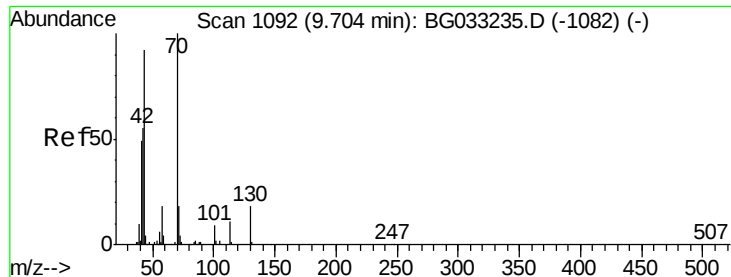
Tot Ion:107 Resp: 80690
Ion Ratio Lower Upper
107 100
108 105.5 83.9 125.9
77 53.9 37.2 55.8
79 55.9 36.2 54.2#



#18
Hexachloroethane
Concen: 40.351 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

Tgt Ion:117 Resp: 39710
Ion Ratio Lower Upper
117 100
119 92.3 76.7 115.1
201 141.2 95.7 143.5

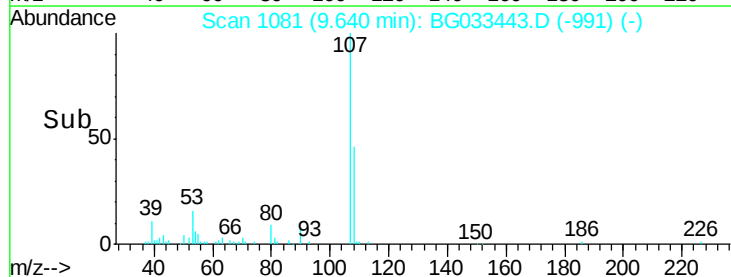
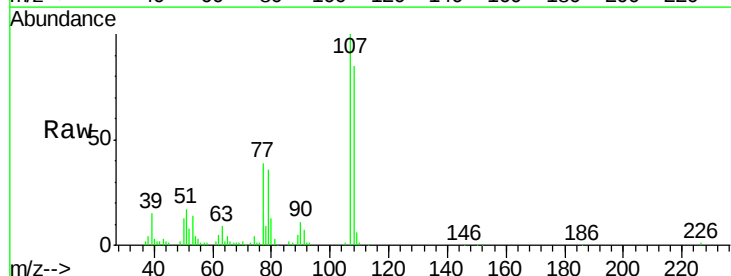
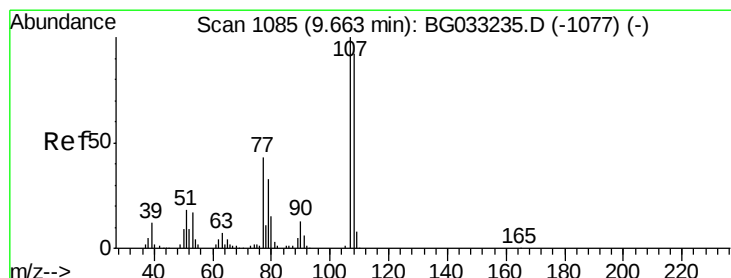
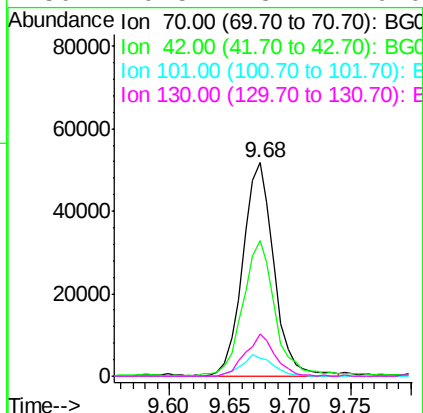




#19
n-Nitroso-di-n-propylamine
Concen: 43.444 ng
RT: 9.68 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

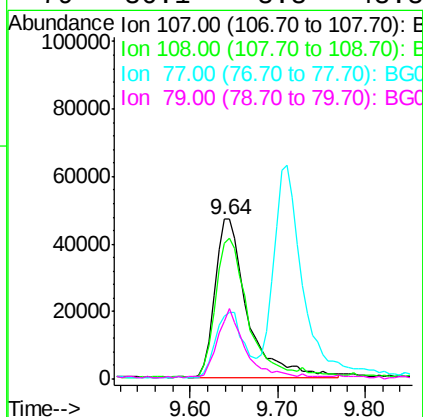
Instrument :
BNA_G
ClientSampleId :

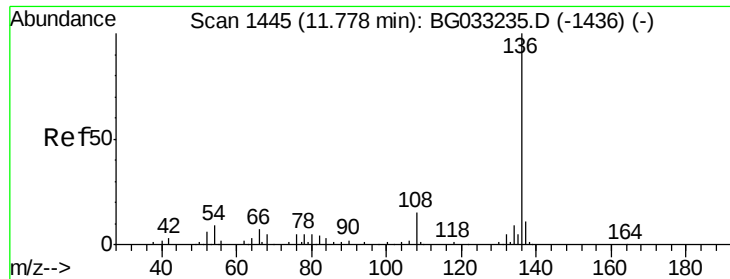
Tot Ion:	70	Resp:	93175
Ion	Ratio	Lower	Upper
70	100		
42	63.2	49.1	73.7
101	8.5	8.5	12.7
130	19.5	13.4	20.0



#20
3+4-Methylphenols
Concen: 42.859 ng
RT: 9.64 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

Tgt Ion:	107	Resp:	120128
Ion	Ratio	Lower	Upper
107	100		
108	84.7	61.6	101.6
77	39.0	13.9	53.9
79	36.1	8.8	48.8

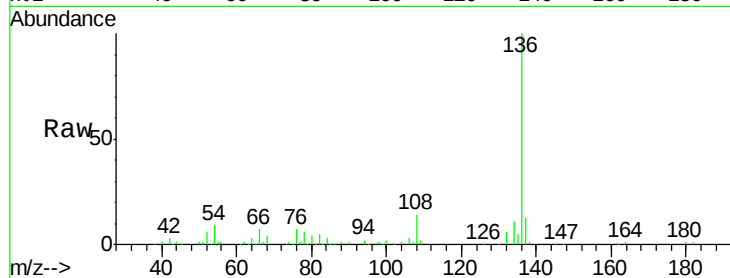




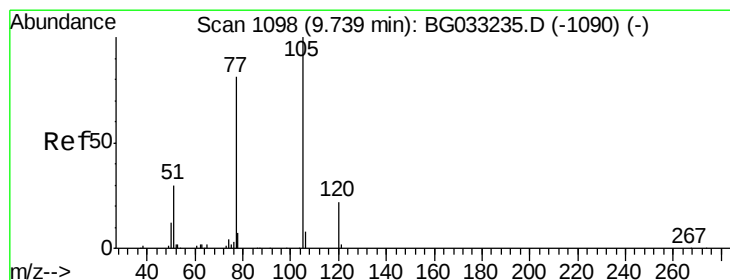
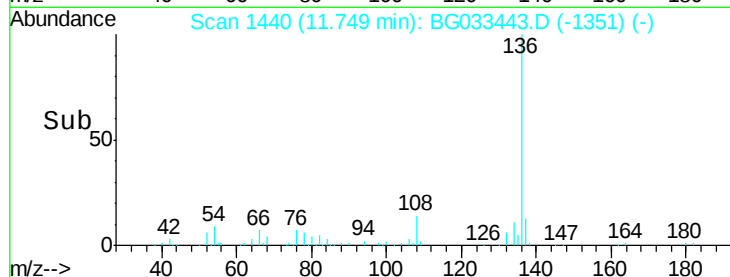
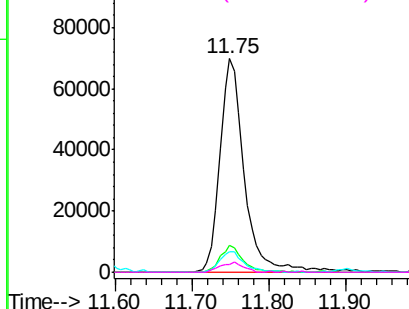
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	153018
Ion Ratio	Lower	Upper
136	100	
137	12.7	9.2 13.8
54	9.4	10.3 15.5#
68	3.8	4.5 6.7#

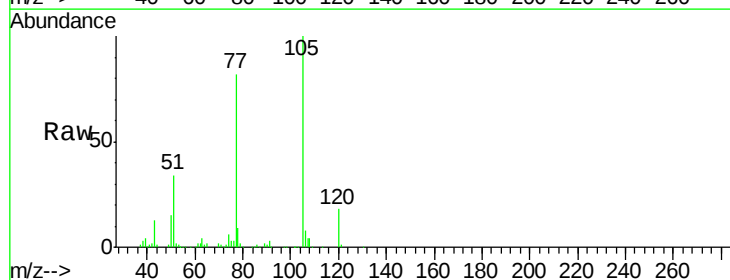


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

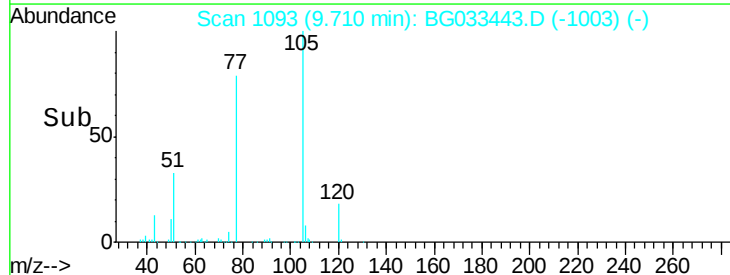
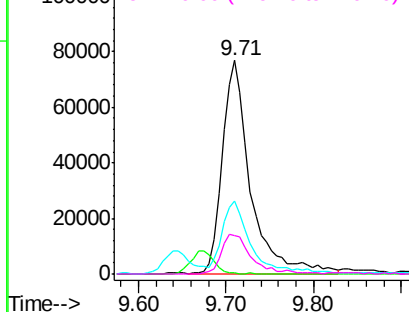


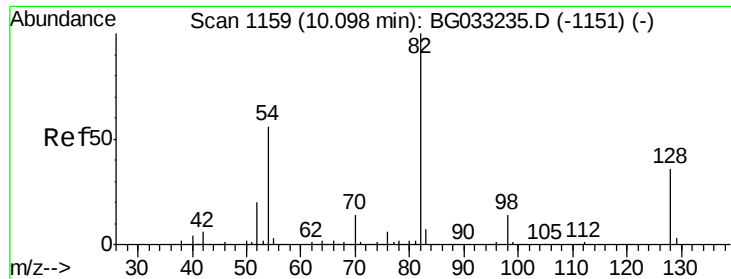
#22
Acetophenone
Concen: 40.764 ng
RT: 9.71 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

Tgt Ion:105	Resp:	170888
Ion Ratio	Lower	Upper
105	100	
71	0.6	3.0 4.4#
51	34.1	26.1 39.1
120	17.9	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

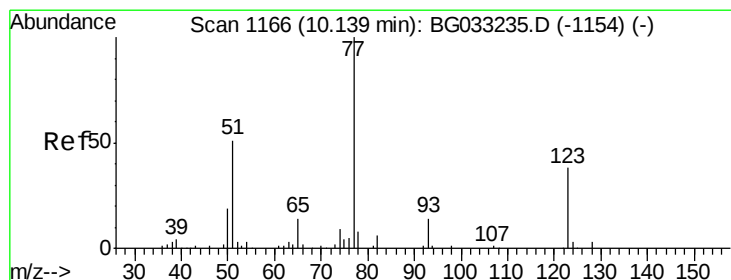
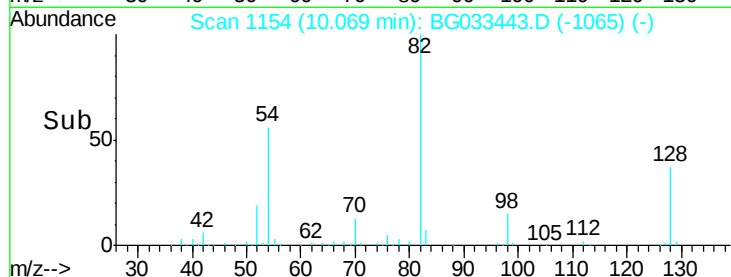
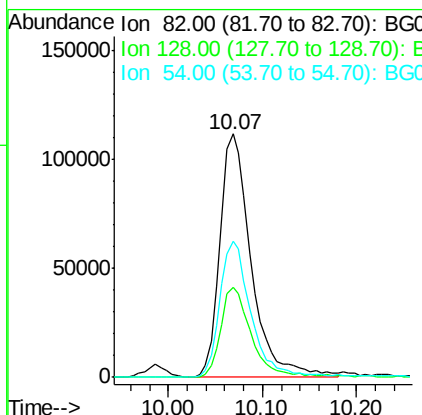
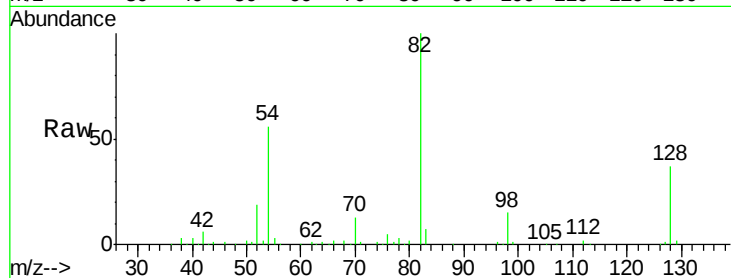




#23
Nitrobenzene-d5
Concen: 77.998 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

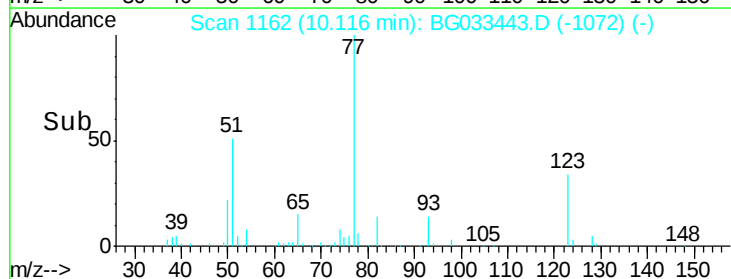
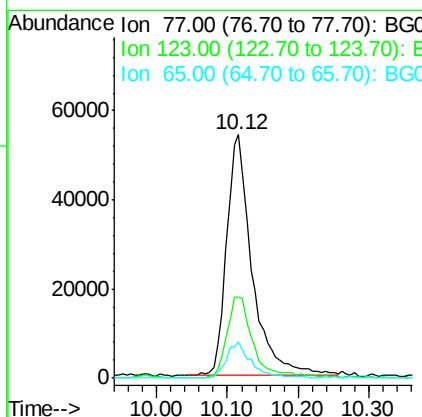
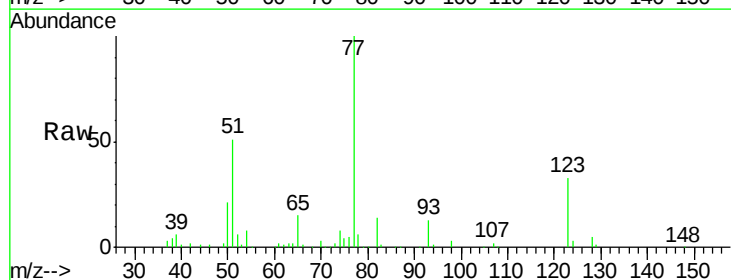
Instrument :
BNA_G
ClientSampled :

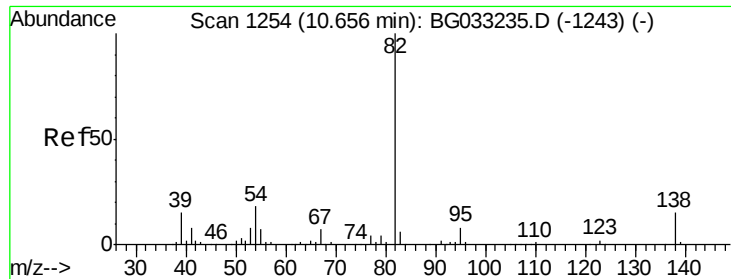
Tot Ion: 82 Resp: 259773
Ion Ratio Lower Upper
82 100
128 36.8 29.7 44.5
54 56.1 43.1 64.7



#24
Nitrobenzene
Concen: 38.199 ng
RT: 10.12 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

Tgt Ion: 77 Resp: 136176
Ion Ratio Lower Upper
77 100
123 33.4 33.0 49.6
65 14.9 13.0 19.6





#25

Isophorone

Concen: 41.567 ng

RT: 10.63 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

Instrument :

BNA_G

ClientSampleId :

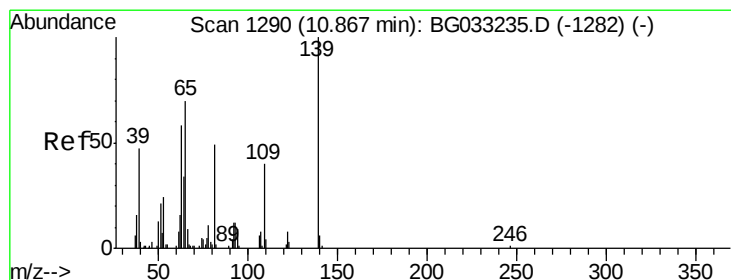
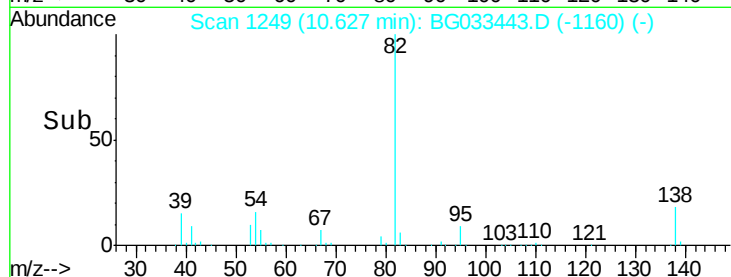
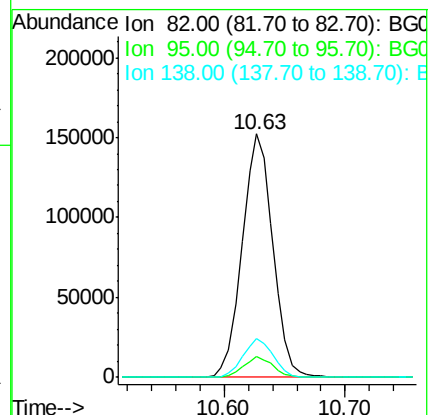
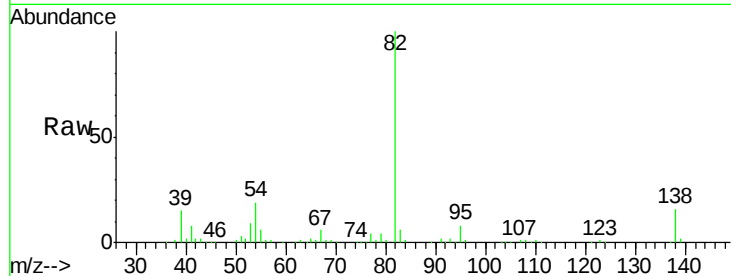
Tot Ion: 82 Resp: 268691

Ion Ratio Lower Upper

82 100

95 8.4 6.2 9.2

138 16.2 12.1 18.1



#26

2-Nitrophenol

Concen: 42.825 ng

RT: 10.84 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

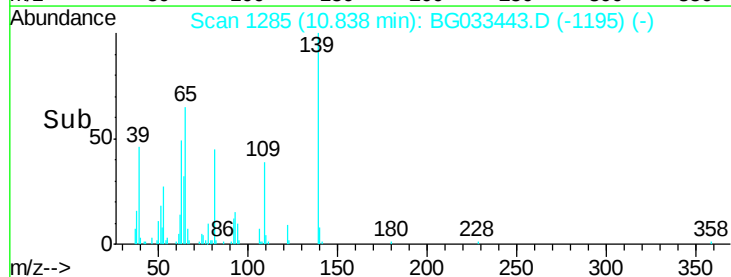
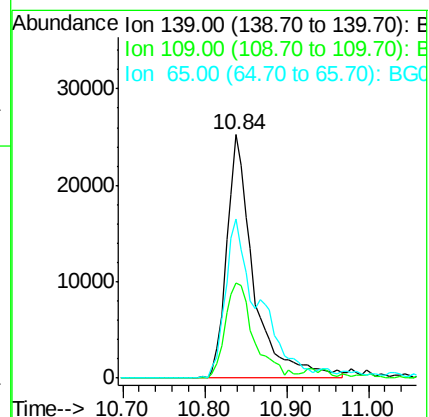
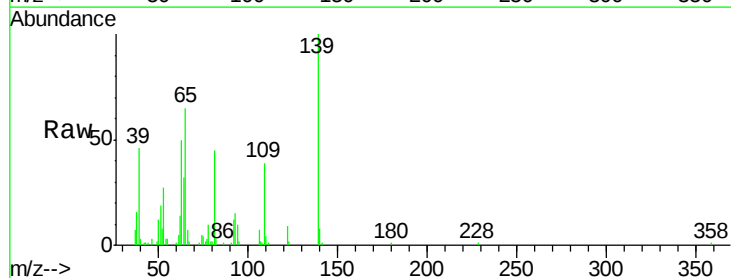
Tgt Ion: 139 Resp: 57799

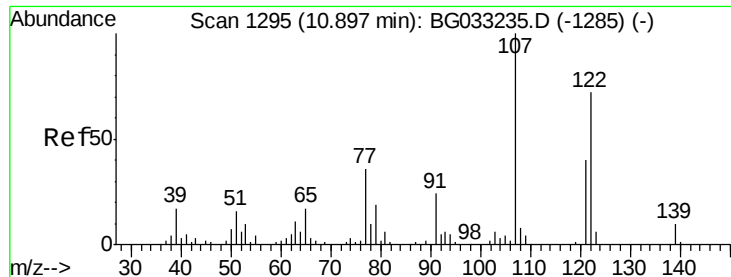
Ion Ratio Lower Upper

139 100

109 39.2 24.2 36.2#

65 65.2 47.4 71.0

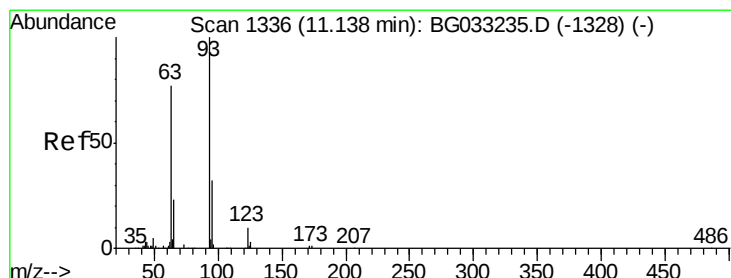
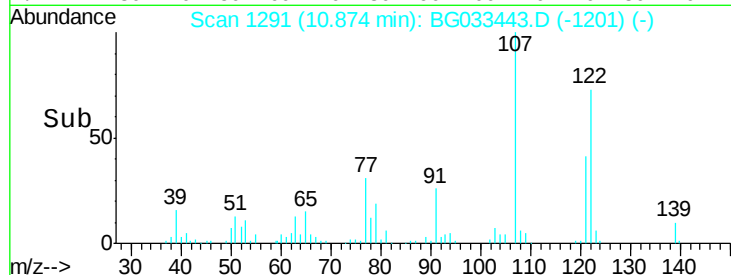
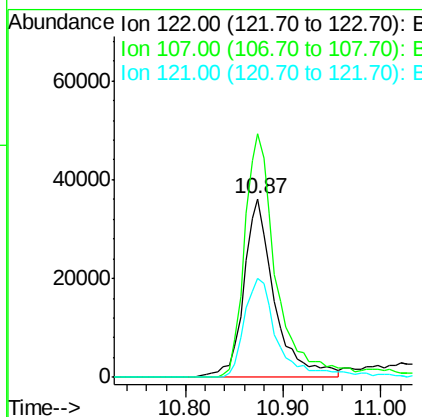
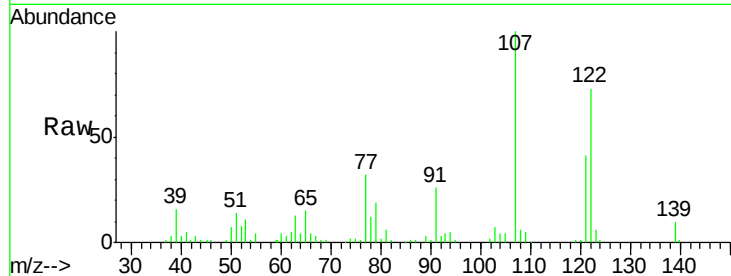




#27
 2,4-Dimethylphenol
 Concen: 40.645 ng
 RT: 10.87 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BG033443.D
 Acq: 30 Mar 2018 7:29

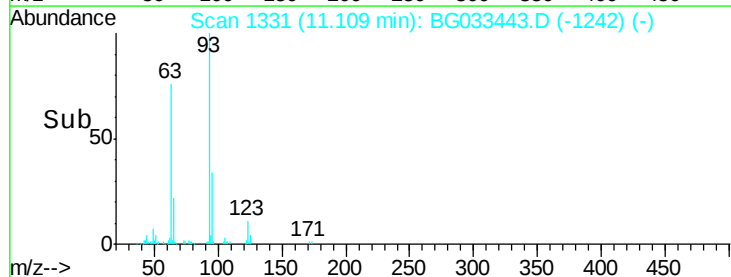
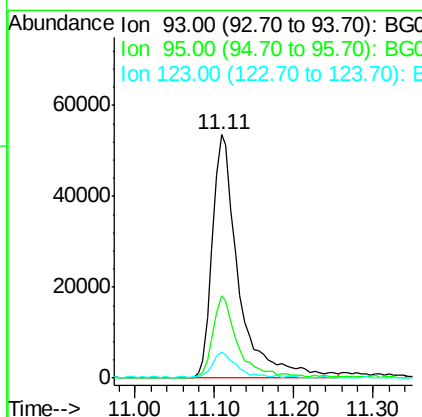
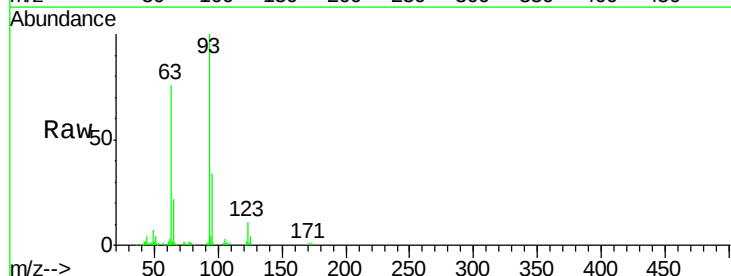
Instrument :
 BNA_G
 ClientSampleId :

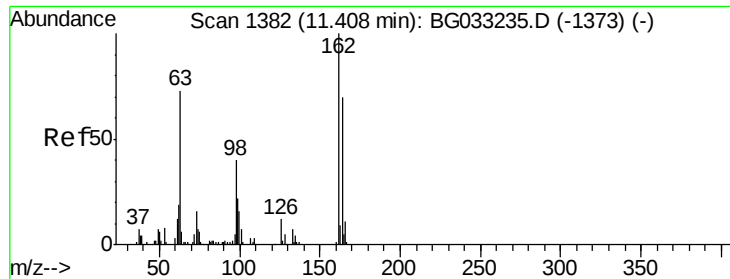
Tot Ion:122 Resp: 79691
 Ion Ratio Lower Upper
 122 100
 107 136.4 100.2 150.2
 121 55.7 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.404 ng
 RT: 11.11 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BG033443.D
 Acq: 30 Mar 2018 7:29

Tgt Ion: 93 Resp: 123862
 Ion Ratio Lower Upper
 93 100
 95 33.8 24.3 36.5
 123 10.8 8.4 12.6

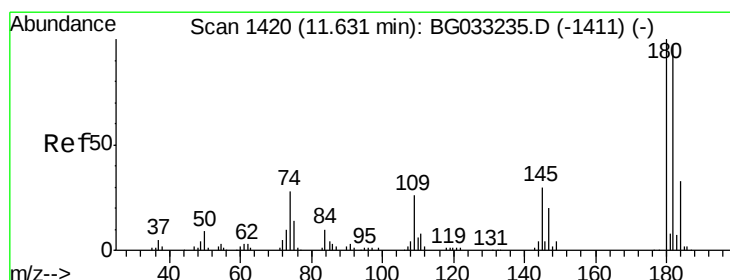
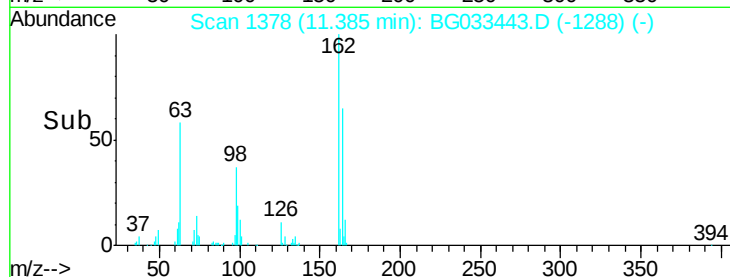
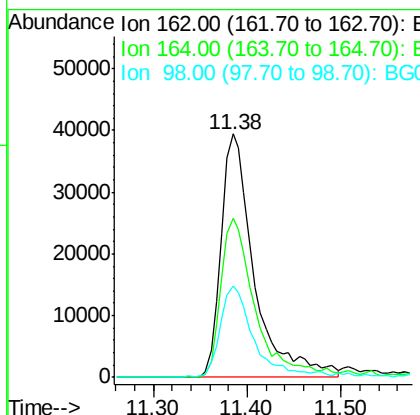
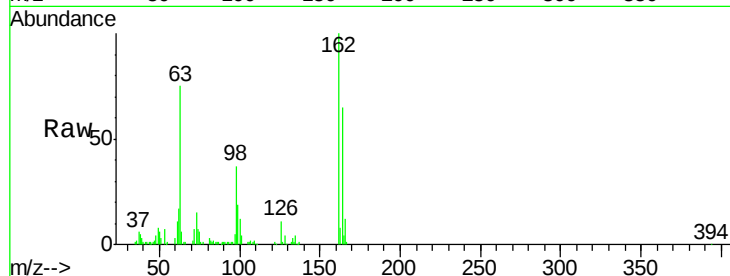




#29
 2,4-Dichlorophenol
 Concen: 40.185 ng
 RT: 11.38 min Scan# 1378
 Delta R.T. -0.00 min
 Lab File: BG033443.D
 Acq: 30 Mar 2018 7:29

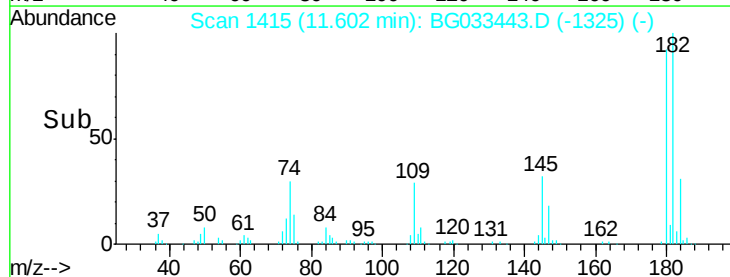
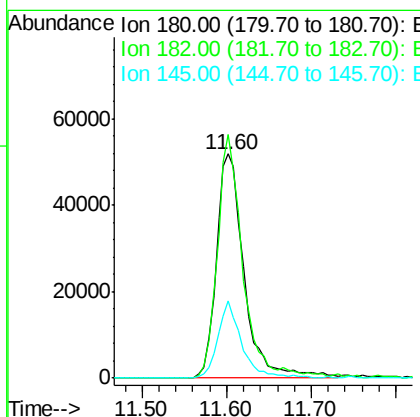
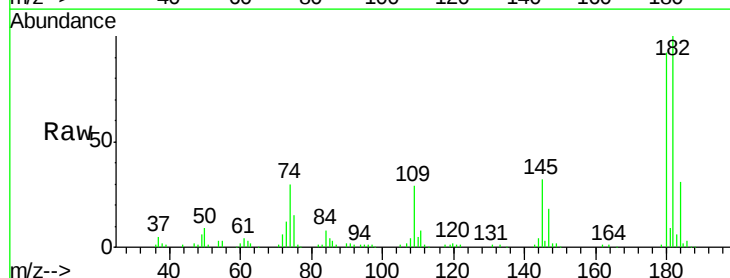
Instrument :
 BNA_G
 ClientSampled :

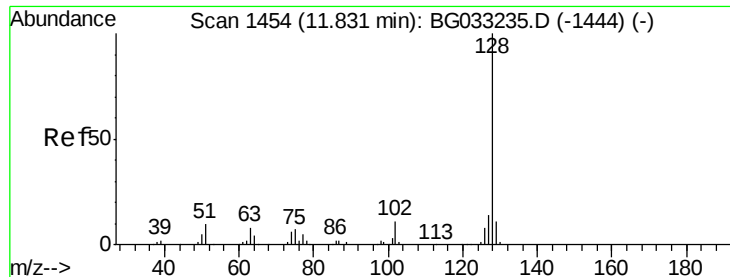
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	48.0	88.0
98	37.4	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.819 ng
 RT: 11.60 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: BG033443.D
 Acq: 30 Mar 2018 7:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	108.7	77.5	116.3
145	34.6	23.4	35.2

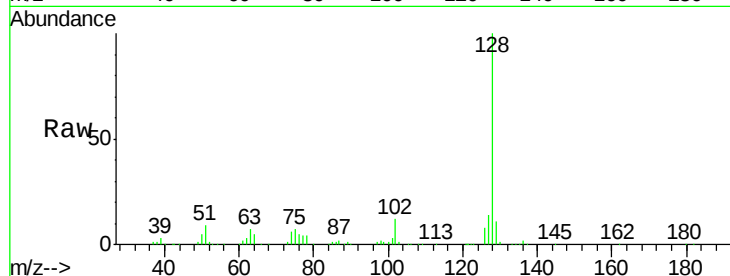




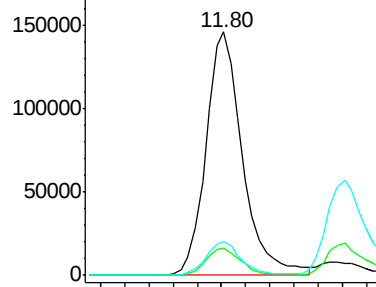
#31
Naphthalene
Concen: 38.793 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

Instrument :
BNA_G
ClientSampleId :

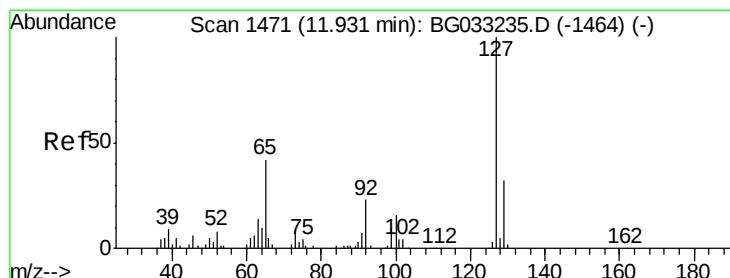
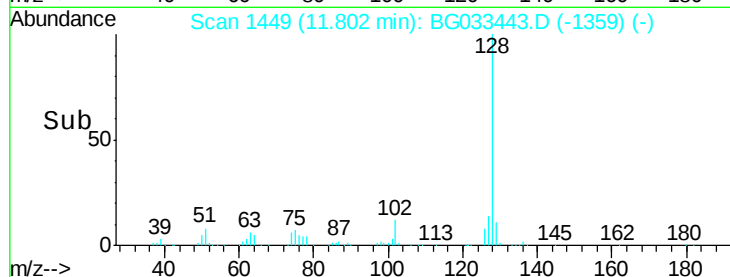
Tot Ion:128 Resp: 307605
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 14.1 11.6 17.4



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

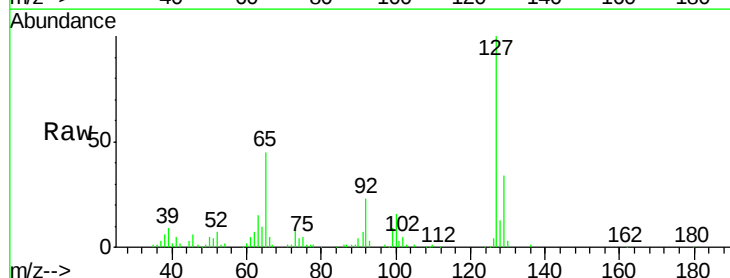


Time--> 11.70 11.80 11.90

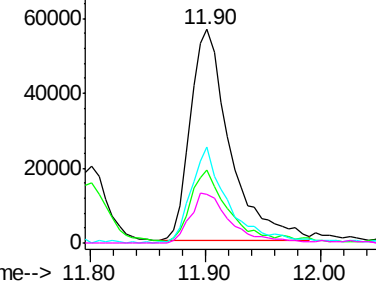


#33
4-Chloroaniline
Concen: 37.685 ng
RT: 11.90 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

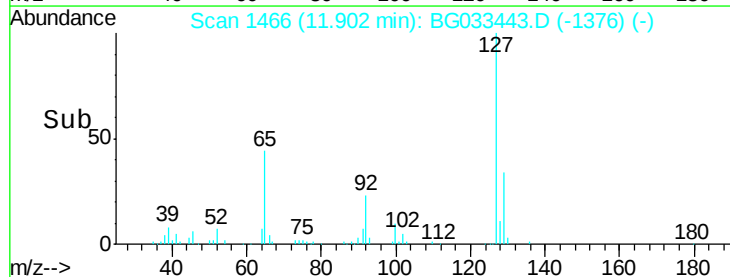
Tgt Ion:127 Resp: 133878
Ion Ratio Lower Upper
127 100
129 34.1 24.0 36.0
65 45.1 27.0 40.4#
92 22.8 16.6 25.0

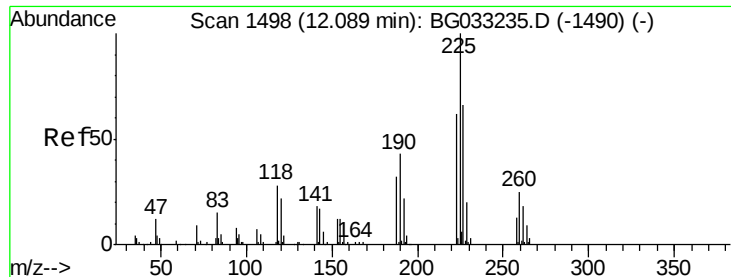


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC



Time--> 11.80 11.90 12.00

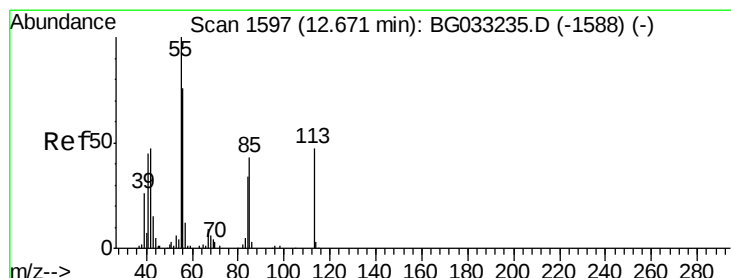
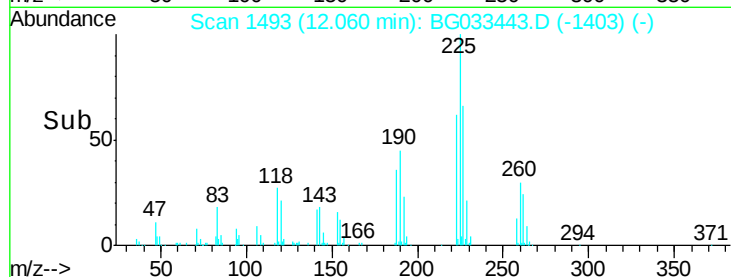
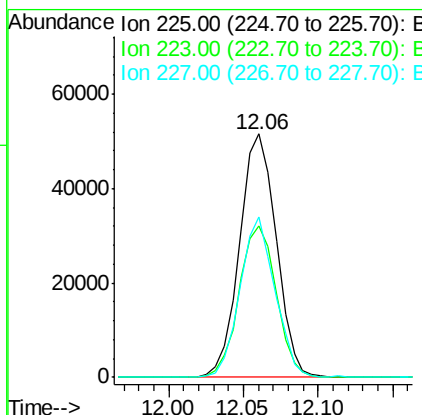
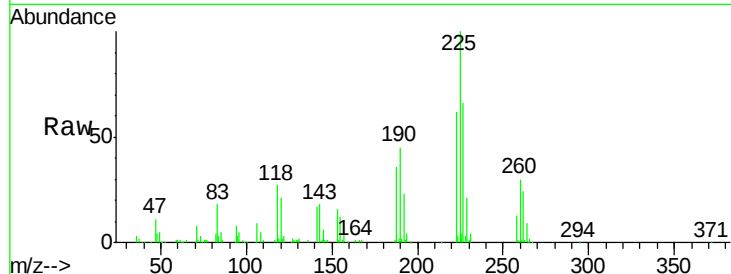




#34
Hexachlorobutadiene
Concen: 37.100 ng
RT: 12.06 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

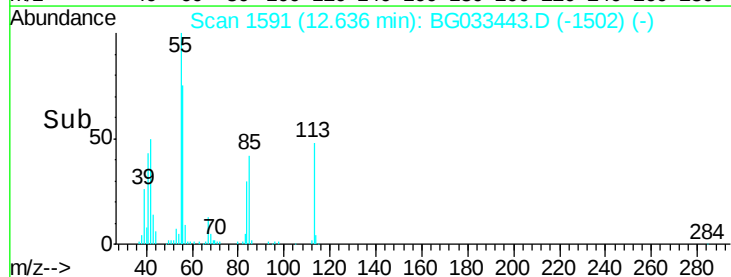
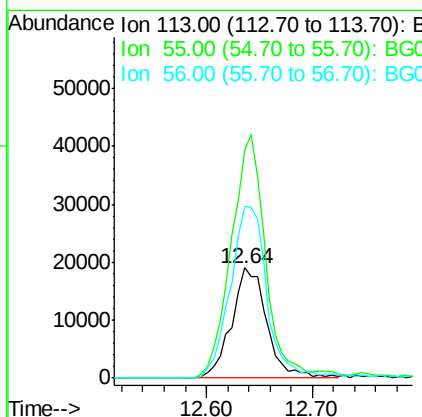
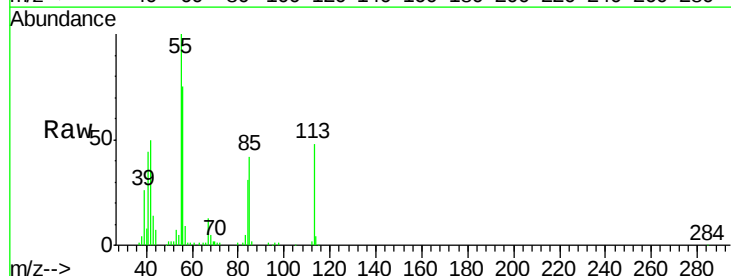
Instrument :
BNA_G
ClientSampleId :

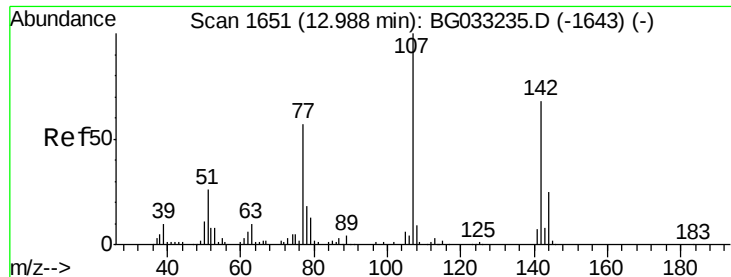
Tot Ion:225 Resp: 87891
Ion Ratio Lower Upper
225 100
223 62.3 49.7 74.5
227 65.6 48.1 72.1



#35
Caprolactam
Concen: 46.519 ng
RT: 12.64 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

Tgt Ion:113 Resp: 43943
Ion Ratio Lower Upper
113 100
55 206.8 186.9 226.9
56 155.9 130.9 170.9

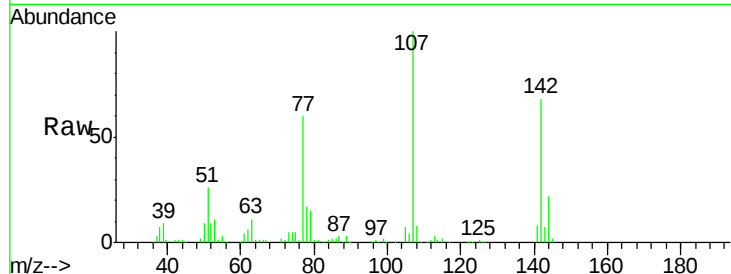




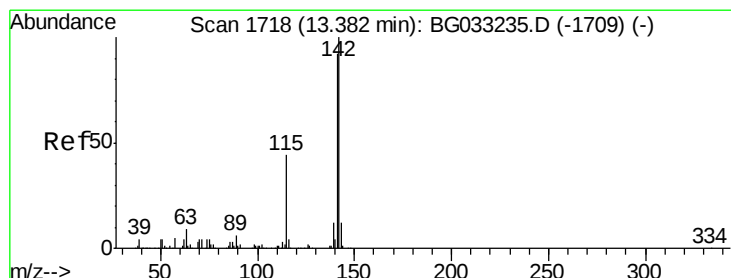
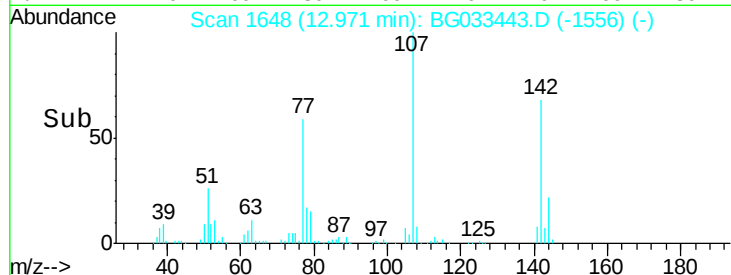
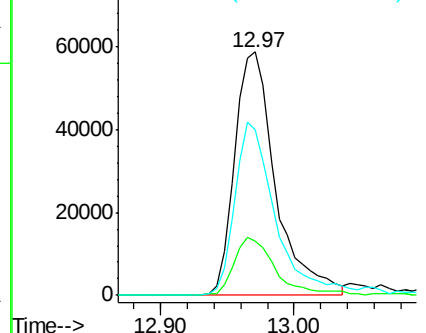
#36
4-Chloro-3-methylphenol
Concen: 39.941 ng
RT: 12.97 min Scan# 1648
Delta R.T. 0.01 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
144	22.4	18.2	27.4
142	67.9	59.0	88.4

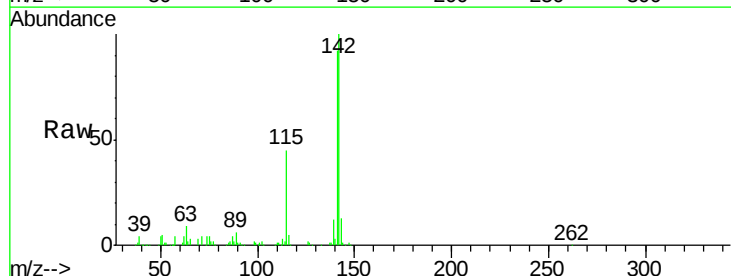


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

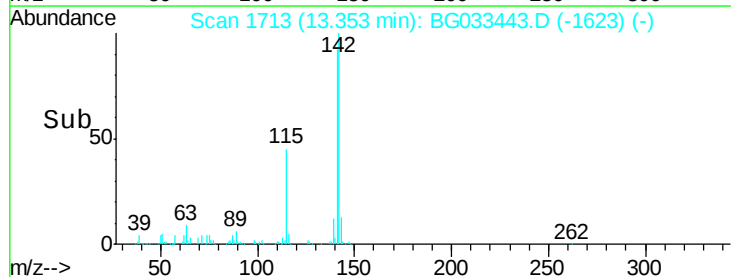
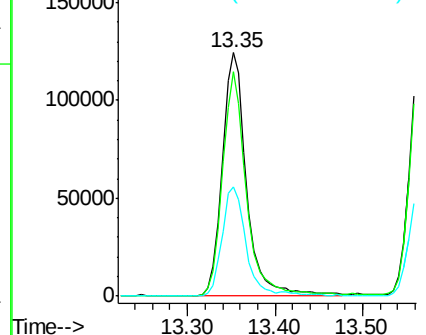


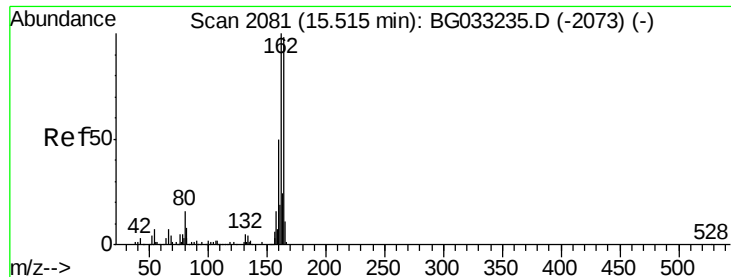
#37
2-Methylnaphthalene
Concen: 38.991 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	67.1	100.7
115	45.0	30.7	46.1



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.49 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

Instrument :

BNA_G

ClientSampleId :

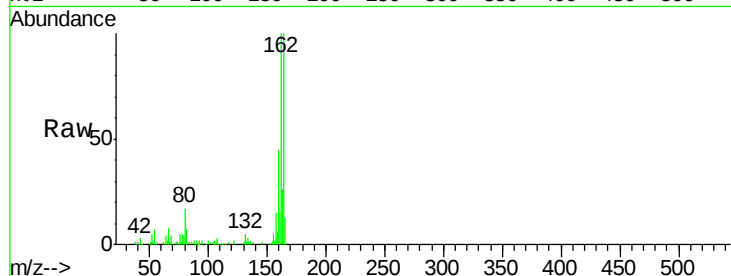
Tot Ion:164 Resp: 124654

Ion Ratio Lower Upper

164 100

162 99.9 78.8 118.2

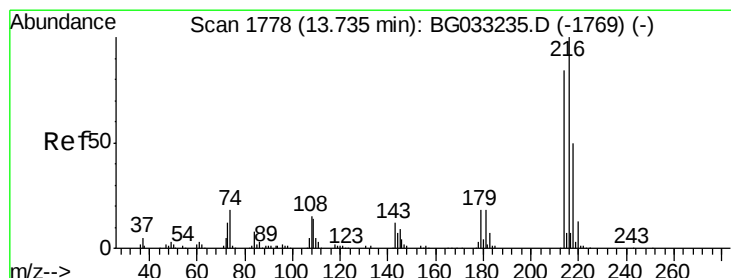
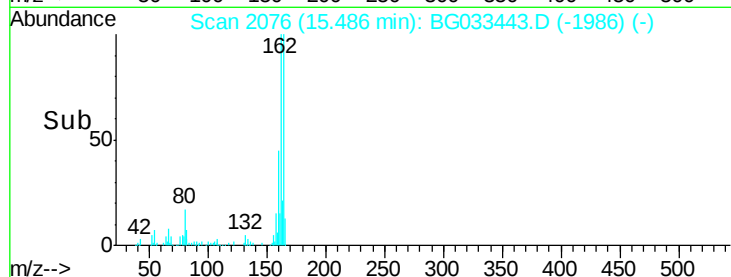
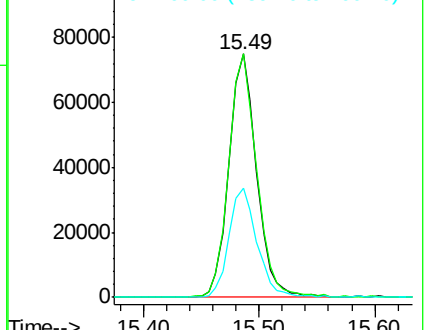
160 44.9 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.844 ng

RT: 13.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

Tgt Ion:216 Resp: 166364

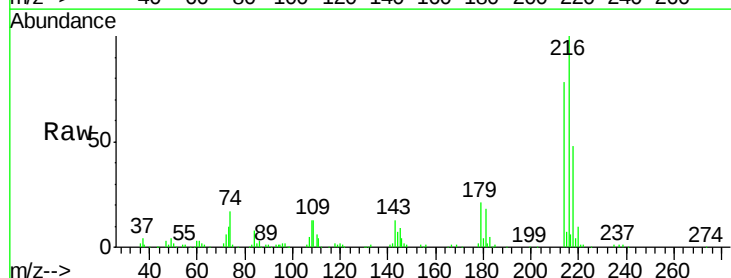
Ion Ratio Lower Upper

216 100

214 77.7 63.0 94.4

179 19.3 17.0 25.6

108 16.0 12.8 19.2

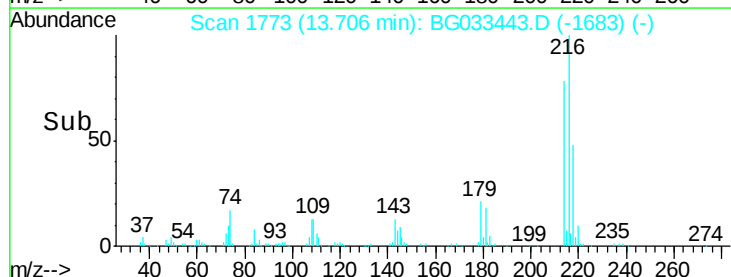
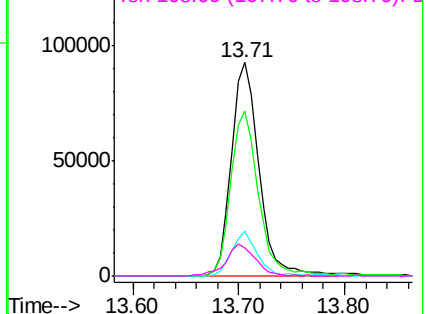


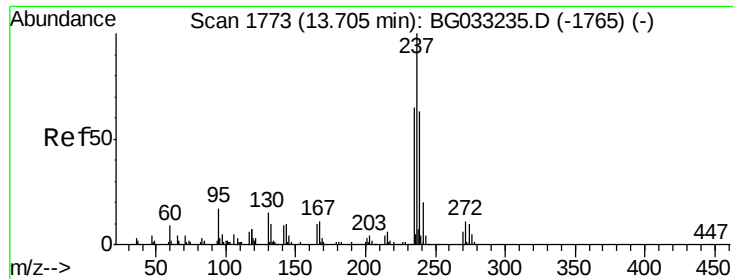
Abundance Ion 216.00 (215.70 to 216.70): E

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

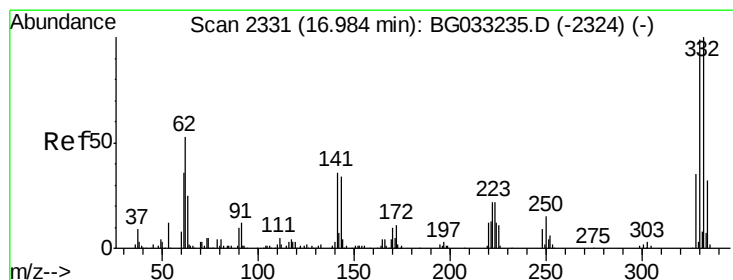
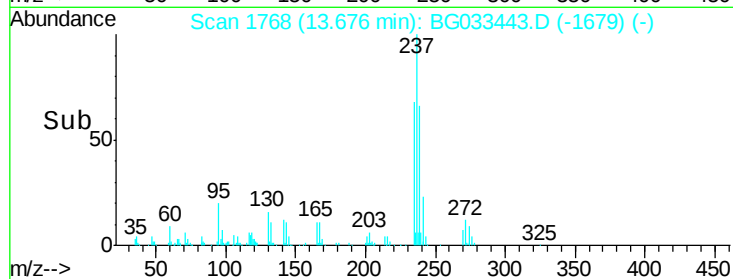
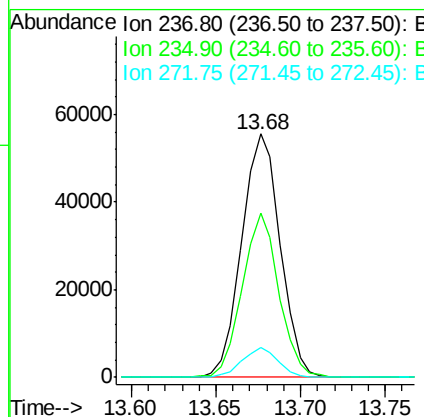
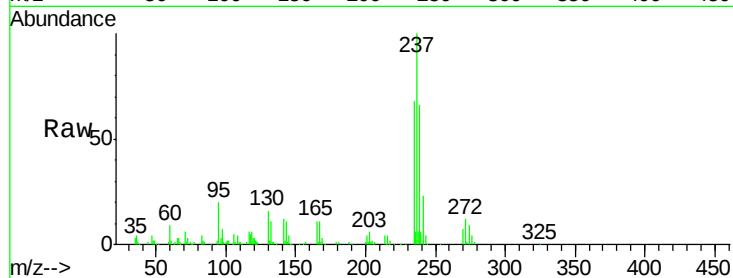




#40
Hexachlorocyclopentadiene
Concen: 33.309 ng
RT: 13.68 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

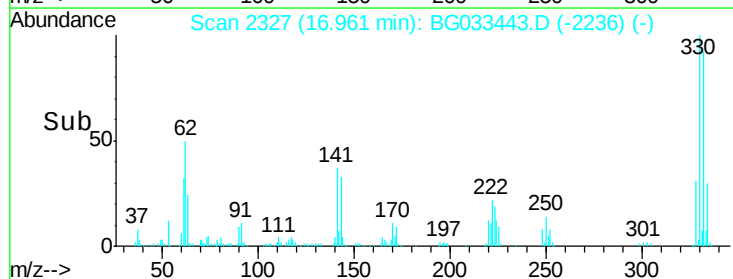
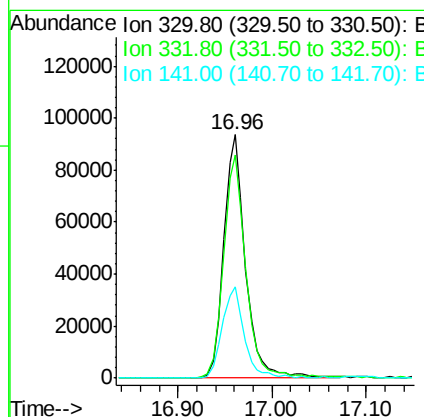
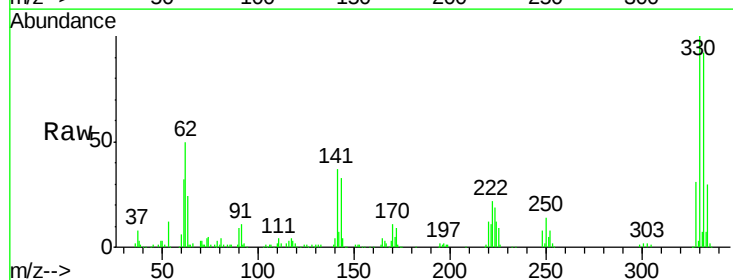
Instrument :
BNA_G
ClientSampleId :

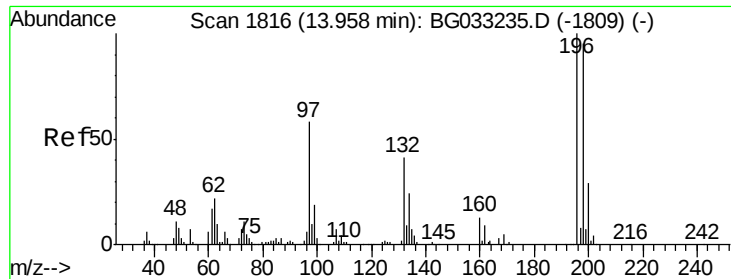
Tot Ion	Ratio	Lower	Upper
237	100		
235	67.5	50.4	90.4
272	12.0	0.0	31.8



#41
2,4,6-Tribromophenol
Concen: 81.412 ng
RT: 16.96 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	37.9	25.2	37.8#

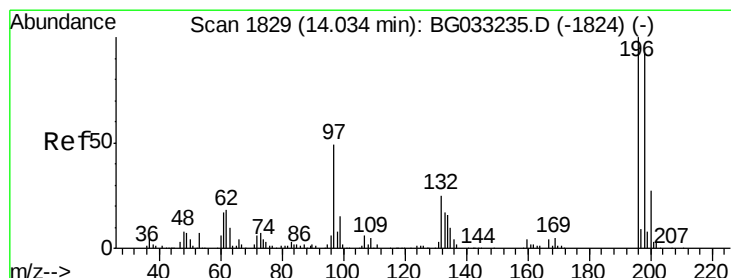
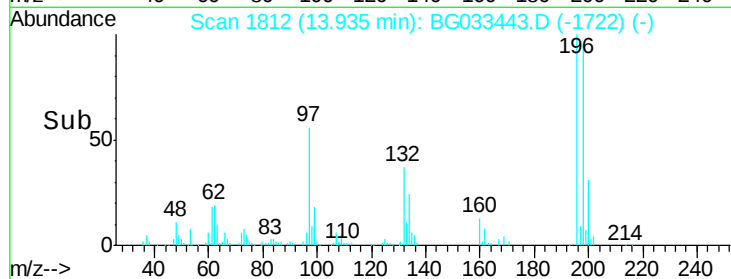
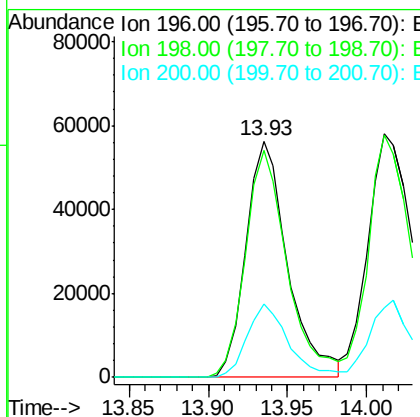
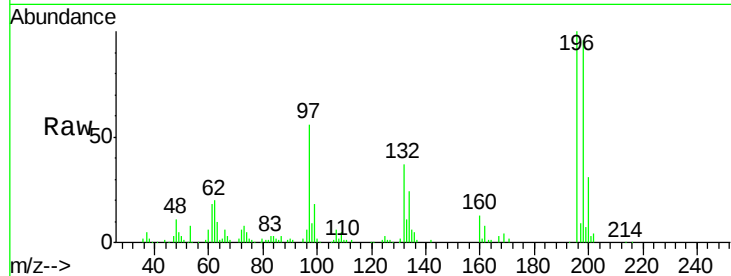




#42
 2,4,6-Trichlorophenol
 Concen: 39.329 ng
 RT: 13.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG033443.D
 Acq: 30 Mar 2018 7:29

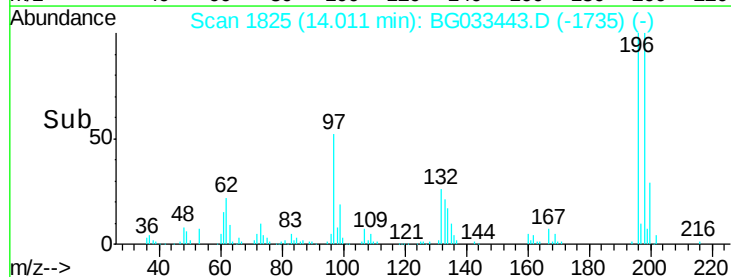
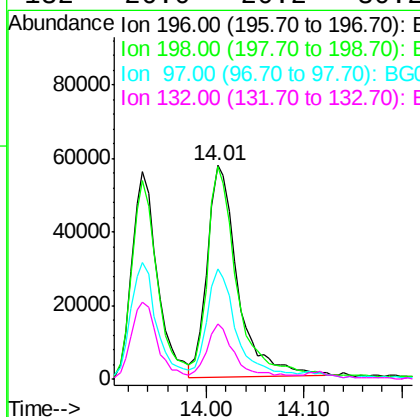
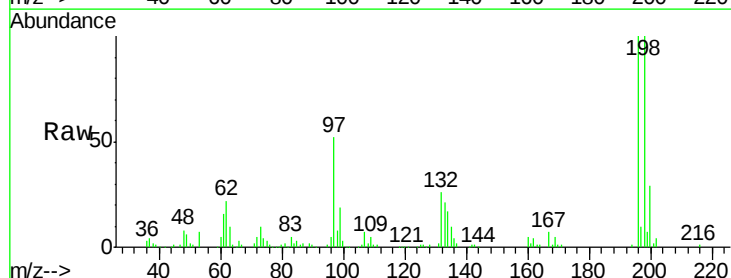
Instrument :
 BNA_G
 ClientSampleId :

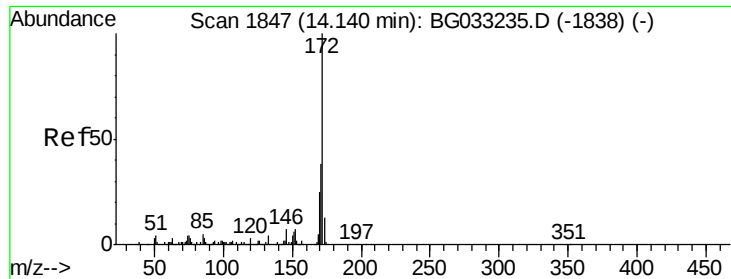
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	78.2	117.2
200	30.8	24.6	36.8



#43
 2,4,5-Trichlorophenol
 Concen: 40.545 ng
 RT: 14.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BG033443.D
 Acq: 30 Mar 2018 7:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.7	76.2	114.4
97	51.7	38.7	58.1
132	26.0	20.2	30.2

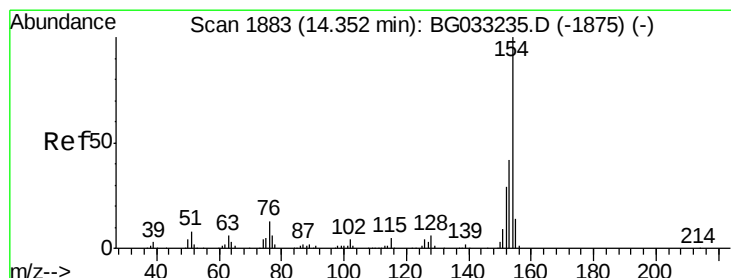
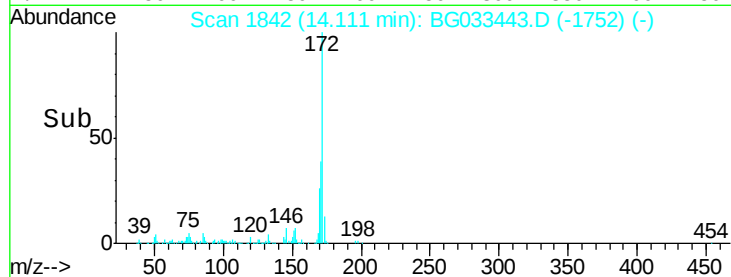
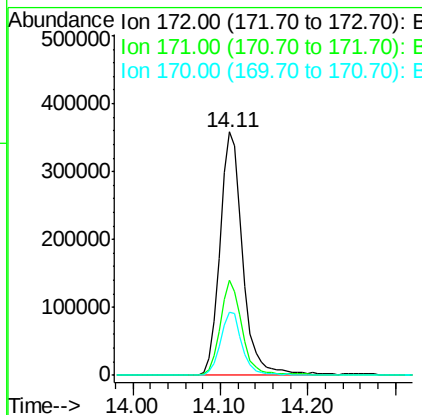
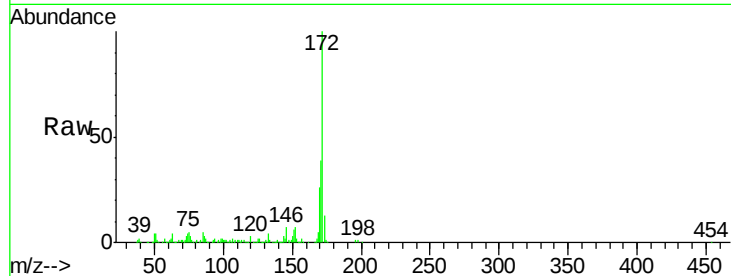




#44
2-Fluorobiphenyl
Concen: 74.910 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

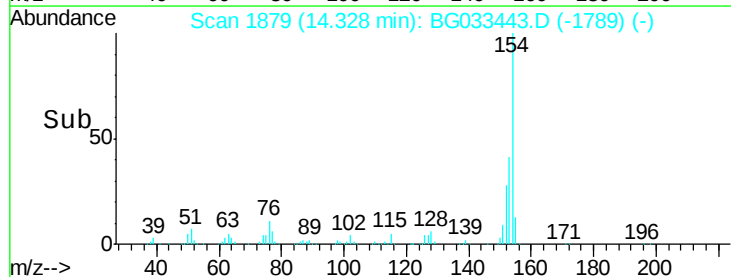
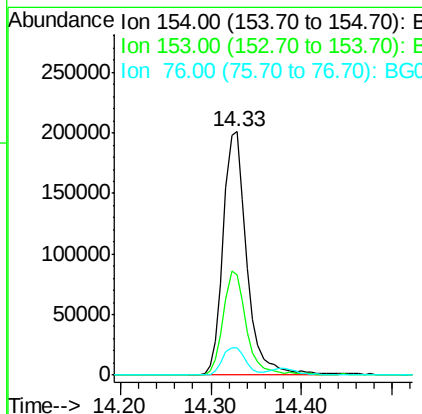
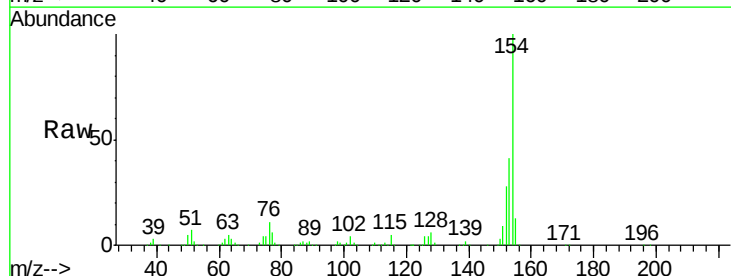
Instrument :
BNA_G
ClientSampled :

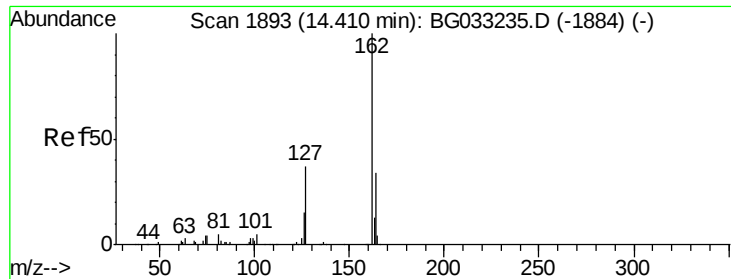
Tot Ion:172 Resp: 646829
Ion Ratio Lower Upper
172 100
171 38.8 30.0 45.0
170 25.7 19.5 29.3



#45
1,1'-Biphenyl
Concen: 38.064 ng
RT: 14.33 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

Tgt Ion:154 Resp: 364532
Ion Ratio Lower Upper
154 100
153 41.4 19.8 59.8
76 11.0 0.0 31.9

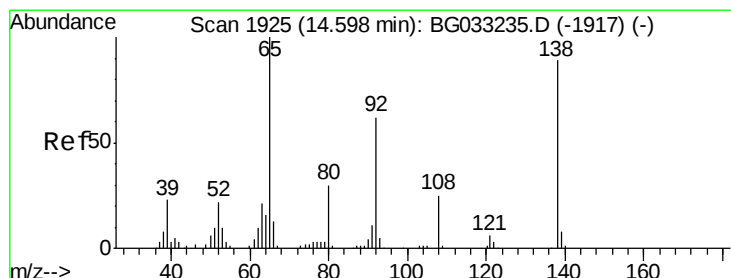
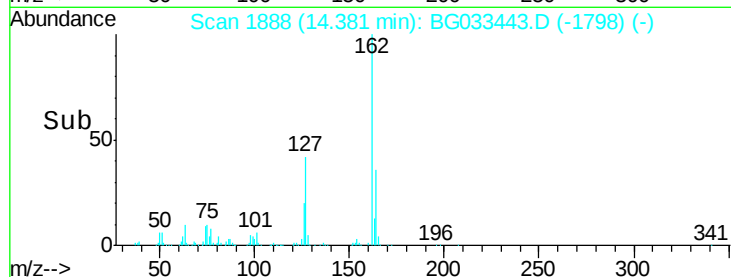
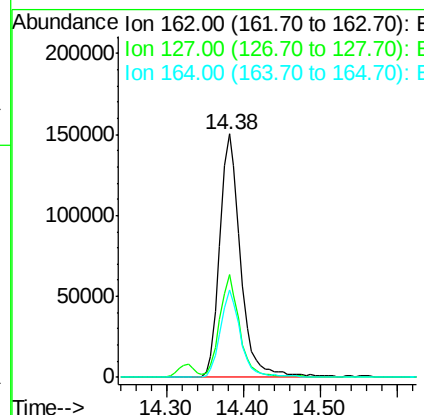
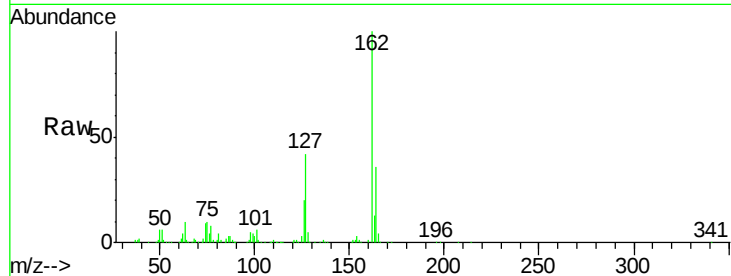




#46
 2-Chloronaphthalene
 Concen: 38.022 ng
 RT: 14.38 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: BG033443.D
 Acq: 30 Mar 2018 7:29

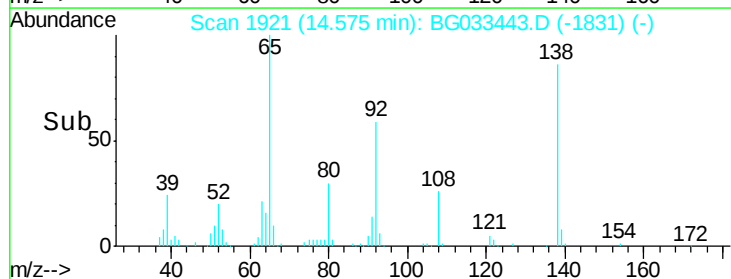
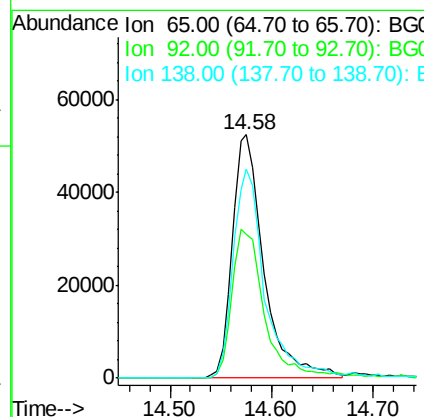
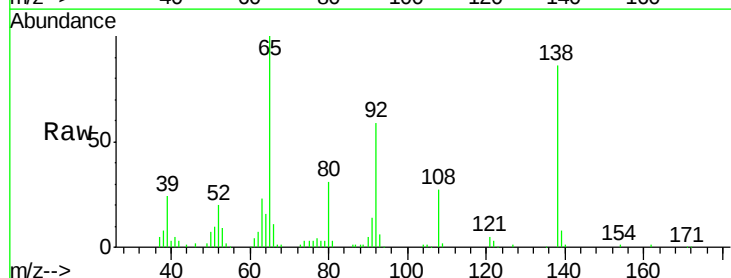
Instrument :
 BNA_G
 ClientSampleId :

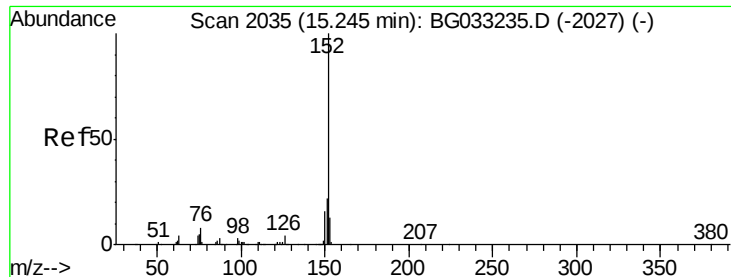
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.1	30.7	46.1
164	36.0	26.0	39.0



#47
 2-Nitroaniline
 Concen: 40.989 ng
 RT: 14.58 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: BG033443.D
 Acq: 30 Mar 2018 7:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.0	54.6	82.0
138	86.0	72.9	109.3





#48

Acenaphthylene

Concen: 38.867 ng

RT: 15.22 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

Instrument :

BNA_G

ClientSampleId :

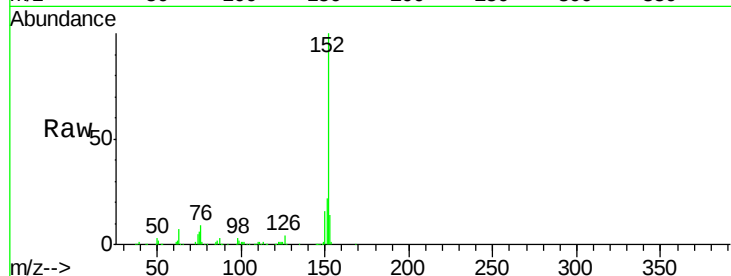
Tot Ion:152 Resp: 479065

Ion Ratio Lower Upper

152 100

151 22.3 17.2 25.8

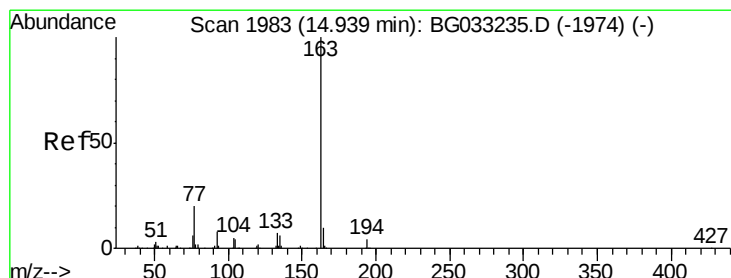
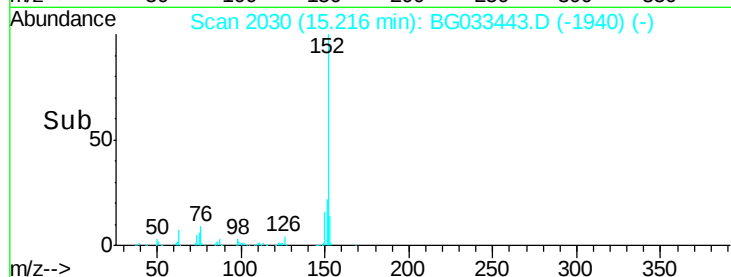
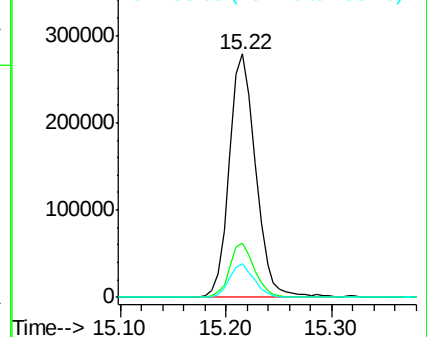
153 14.1 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 40.416 ng

RT: 14.91 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

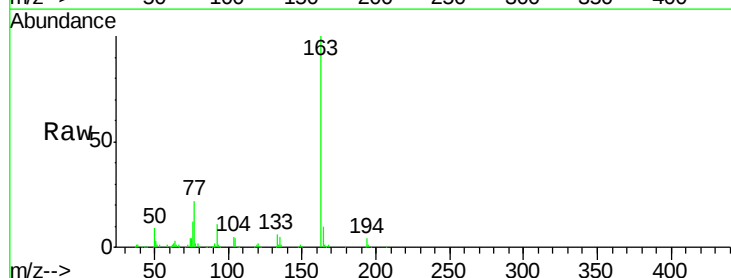
Tgt Ion:163 Resp: 438439

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

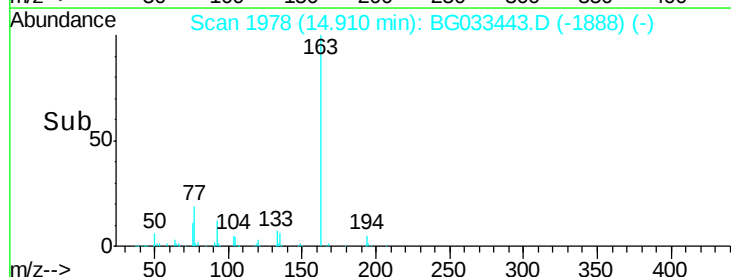
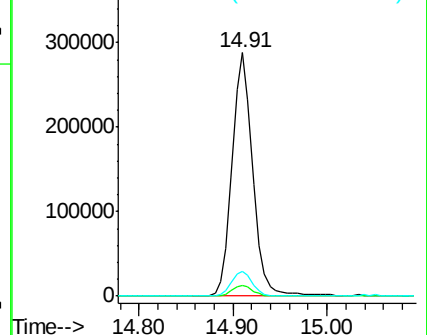
164 10.1 8.2 12.4

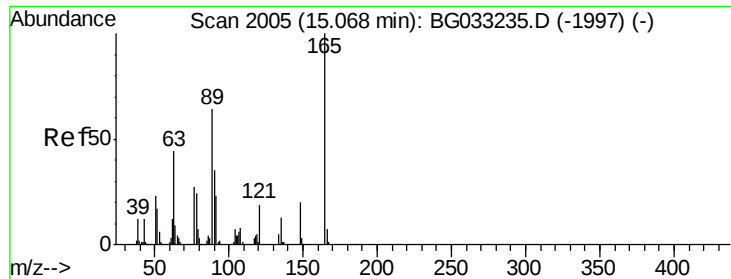


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

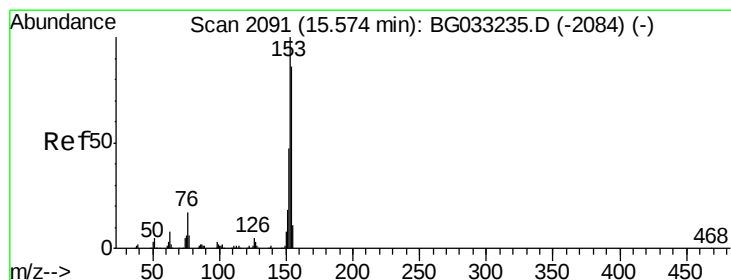
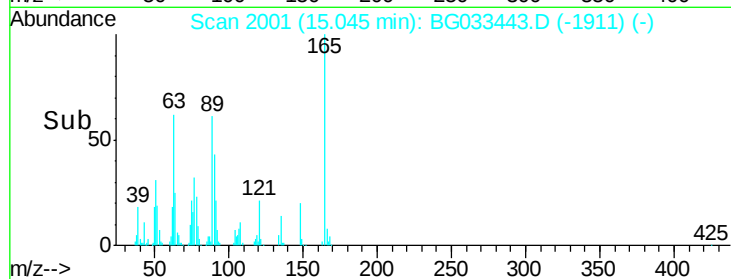
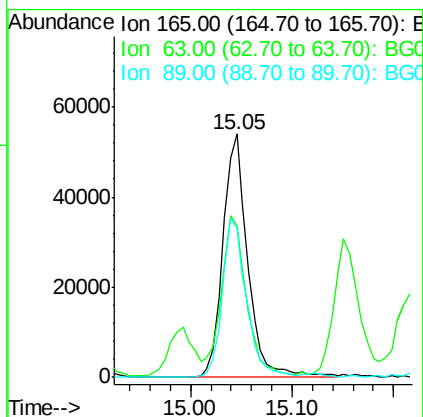
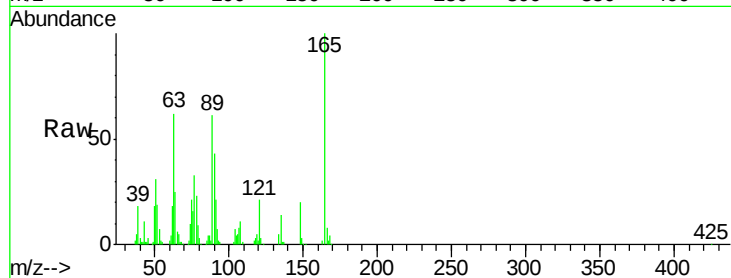




#50
2,6-Dinitrotoluene
Concen: 41.449 ng
RT: 15.05 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

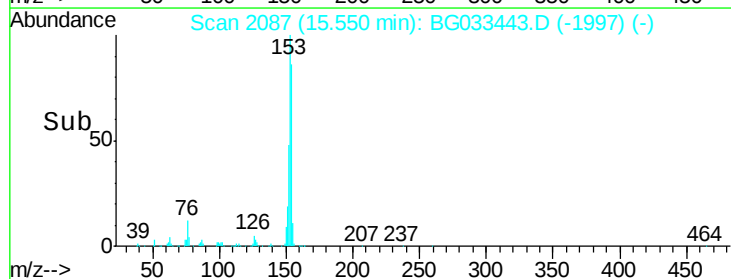
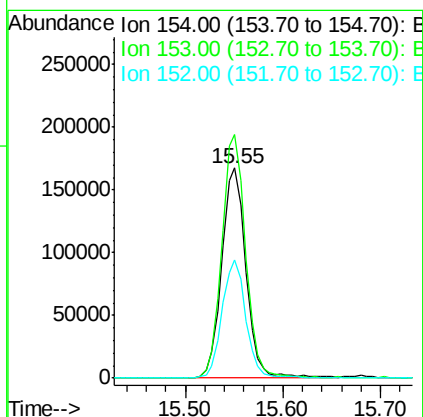
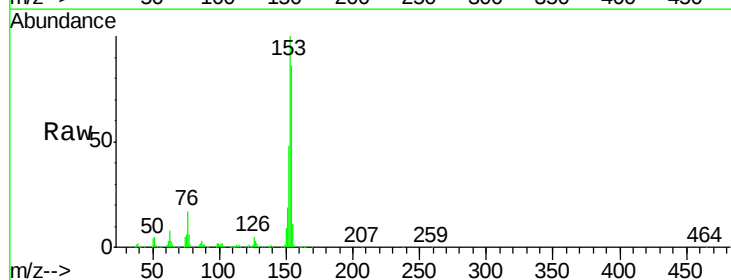
Instrument :
BNA_G
ClientSampleId :

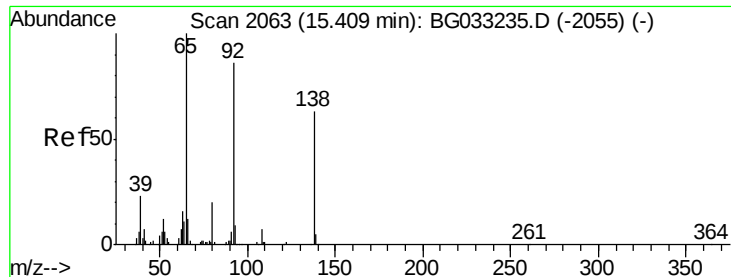
Tot Ion:165 Resp: 91940
Ion Ratio Lower Upper
165 100
63 62.4 52.7 79.1
89 61.3 49.2 73.8



#51
Acenaphthene
Concen: 36.394 ng
RT: 15.55 min Scan# 2087
Delta R.T. -0.00 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

Tgt Ion:154 Resp: 289176
Ion Ratio Lower Upper
154 100
153 115.8 90.4 135.6
152 56.0 41.6 62.4





#52

3-Nitroaniline

Concen: 40.675 ng

RT: 15.39 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

Instrument :

BNA_G

ClientSampleId :

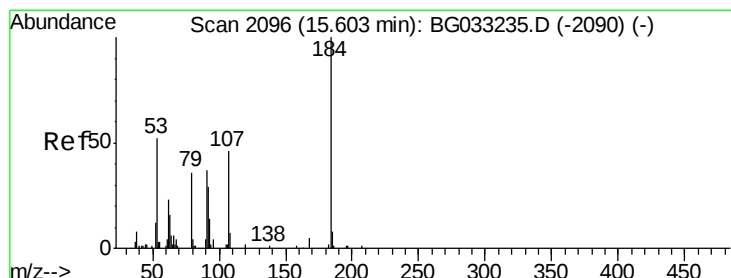
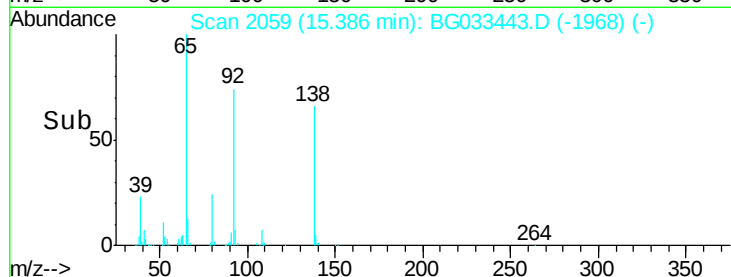
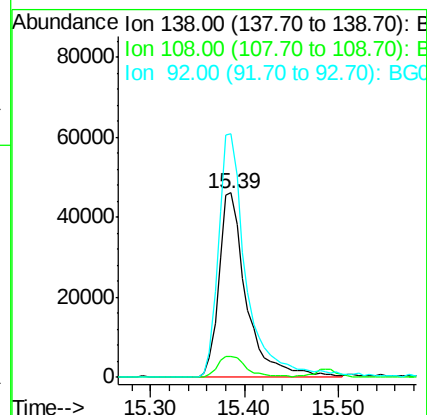
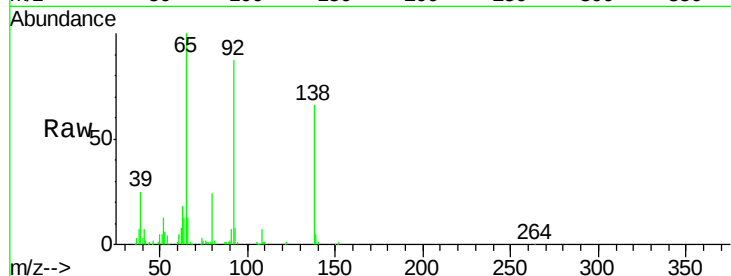
Tot Ion:138 Resp: 94591

Ion Ratio Lower Upper

138 100

108 11.1 17.5 26.3#

92 131.9 105.8 158.8



#53

2,4-Dinitrophenol

Concen: 10.058 ng

RT: 15.60 min Scan# 2095

Delta R.T. 0.02 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

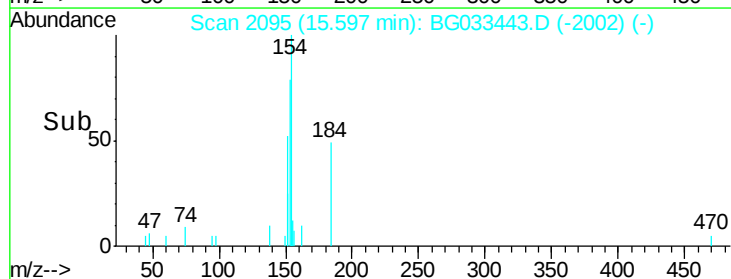
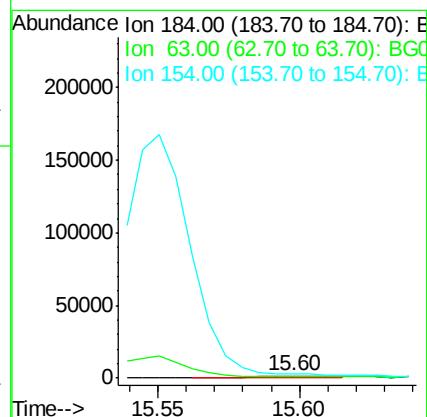
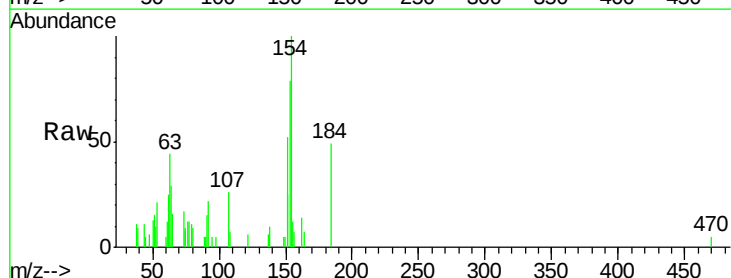
Tgt Ion:184 Resp: 3067

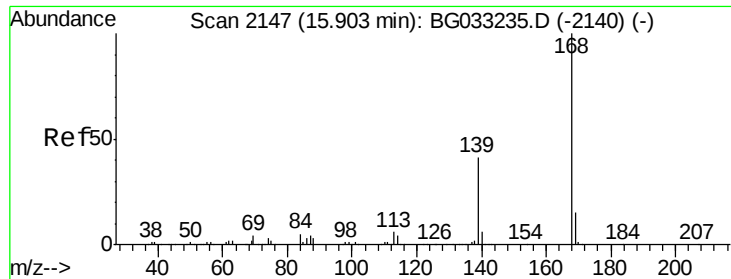
Ion Ratio Lower Upper

184 100

63 89.6 59.8 89.8

154 205.7 101.8 152.8#





#54

Dibenzofuran

Concen: 38.806 ng

RT: 15.88 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

Instrument :

BNA_G

ClientSampleId :

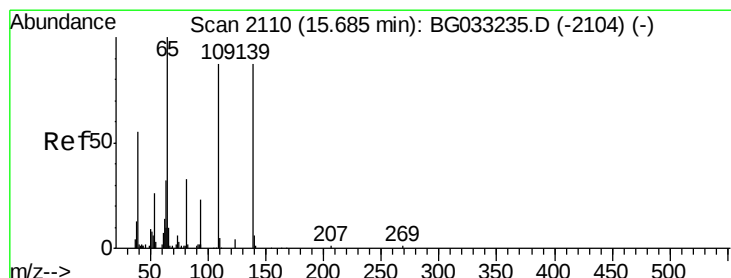
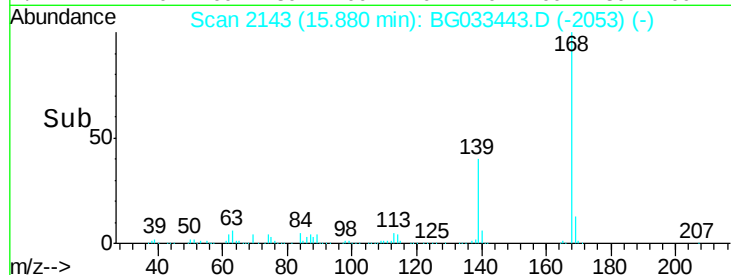
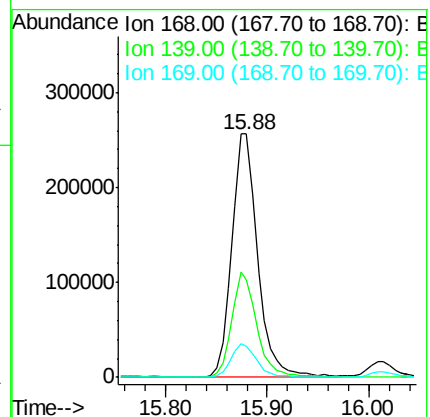
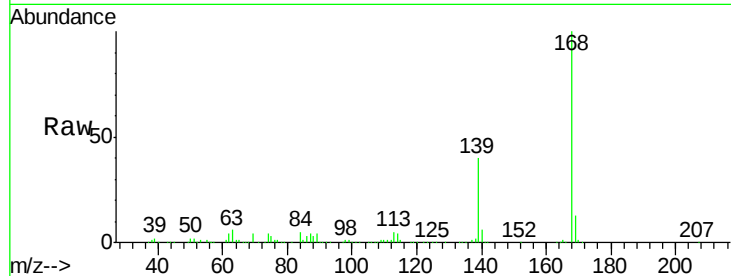
Tot Ion:168 Resp: 455455

Ion Ratio Lower Upper

168 100

139 40.3 28.6 43.0

169 13.0 11.2 16.8



#55

4-Nitrophenol

Concen: 36.009 ng

RT: 15.67 min Scan# 2108

Delta R.T. 0.01 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

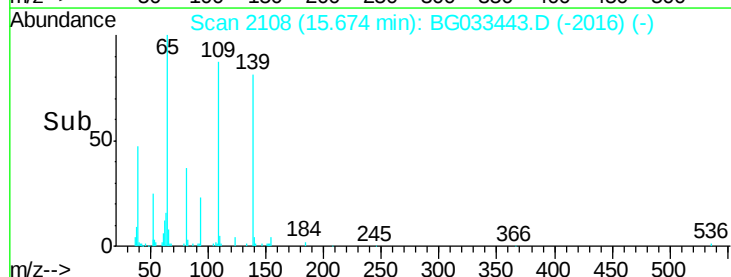
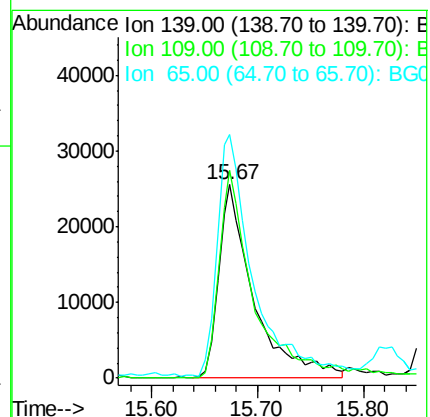
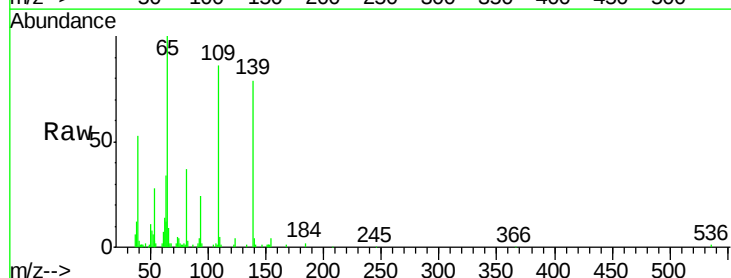
Tgt Ion:139 Resp: 58883

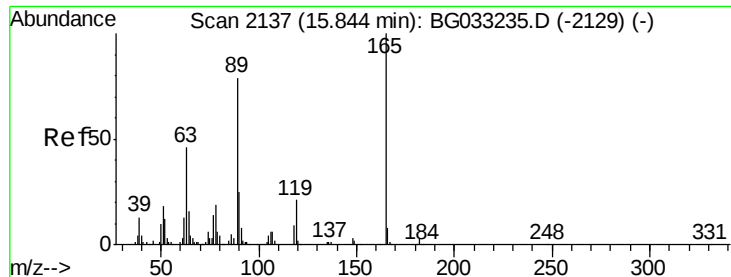
Ion Ratio Lower Upper

139 100

109 107.8 62.2 102.2#

65 126.0 97.2 137.2

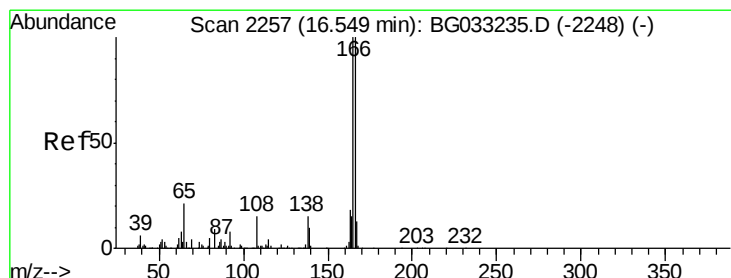
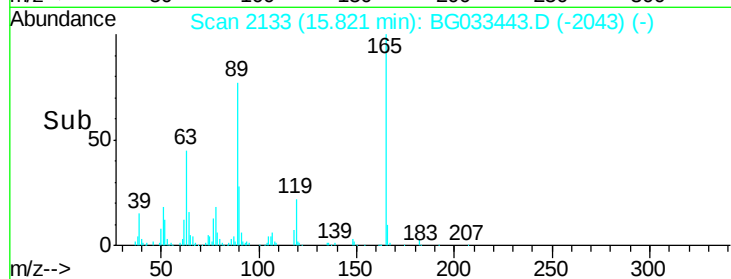
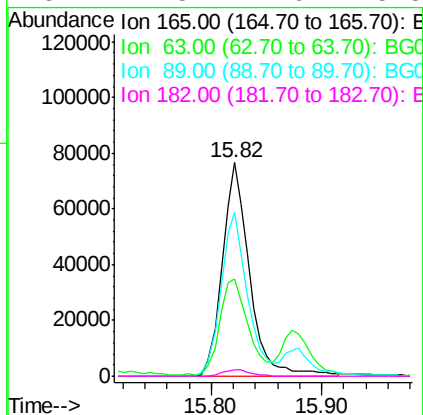
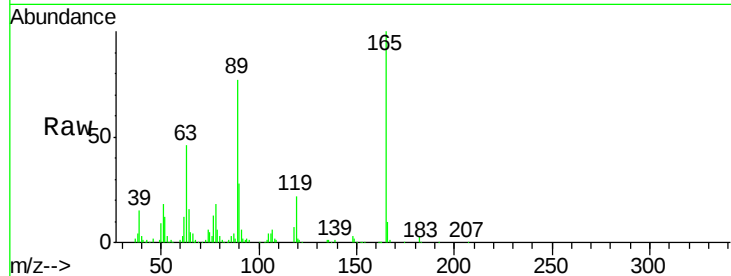




#56
 2,4-Dinitrotoluene
 Concen: 40.290 ng
 RT: 15.82 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BG033443.D
 Acq: 30 Mar 2018 7:29

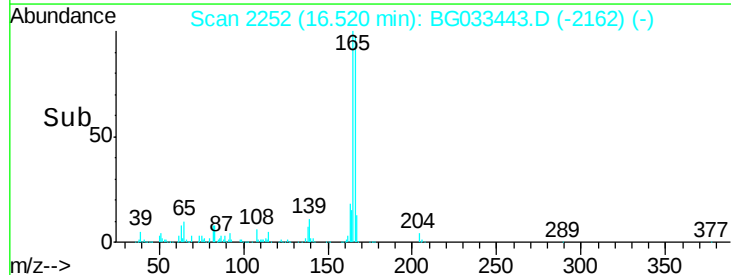
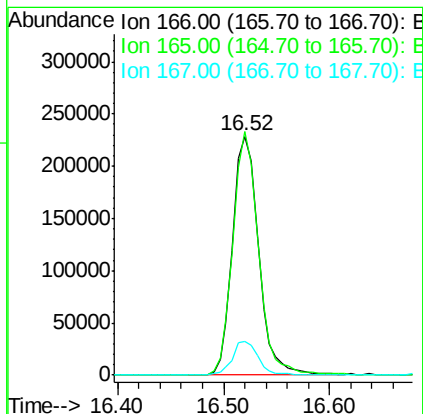
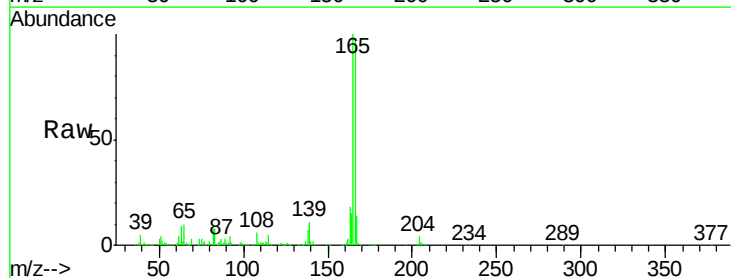
Instrument :
 BNA_G
 ClientSampled :

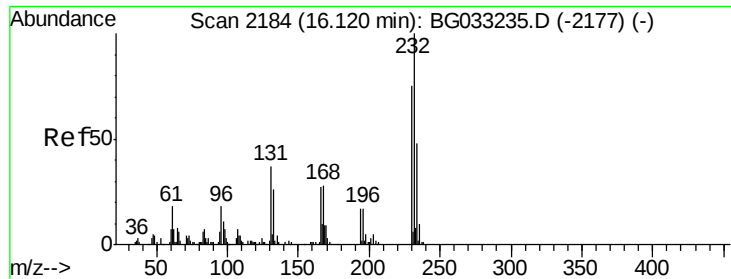
Tot Ion:165 Resp: 131588
 Ion Ratio Lower Upper
 165 100
 63 45.7 42.0 63.0
 89 76.9 66.9 100.3
 182 2.8 2.6 3.8



#57
 Fluorene
 Concen: 39.051 ng
 RT: 16.52 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: BG033443.D
 Acq: 30 Mar 2018 7:29

Tgt Ion:166 Resp: 390464
 Ion Ratio Lower Upper
 166 100
 165 102.0 80.6 121.0
 167 13.9 10.4 15.6

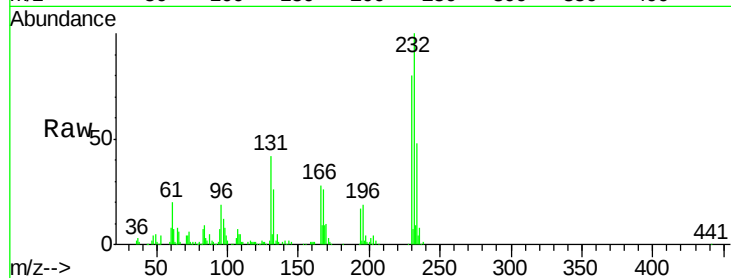




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.862 ng
 RT: 16.09 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BG033443.D
 Acq: 30 Mar 2018 7:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.6	33.5	50.3
130	2.5	2.2	3.2
166	30.9	24.8	37.2

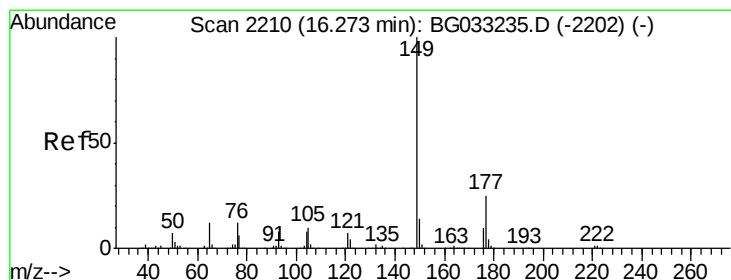
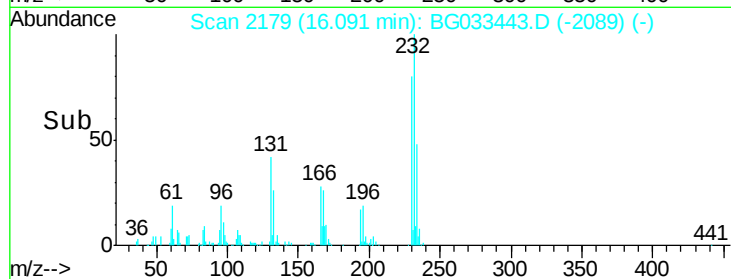
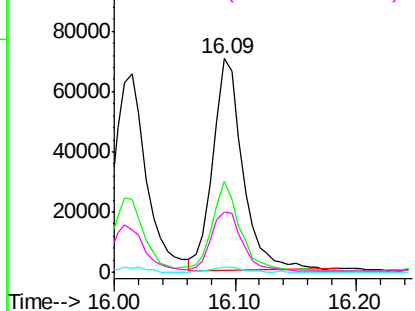


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

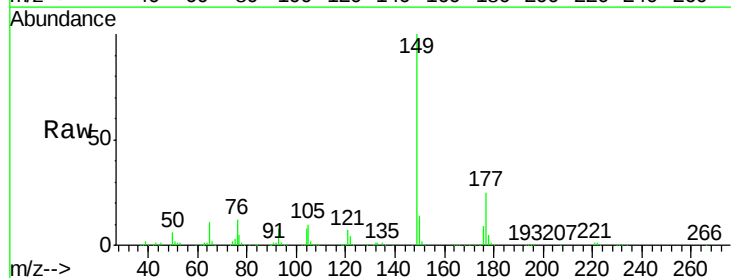
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 41.029 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BG033443.D
 Acq: 30 Mar 2018 7:29

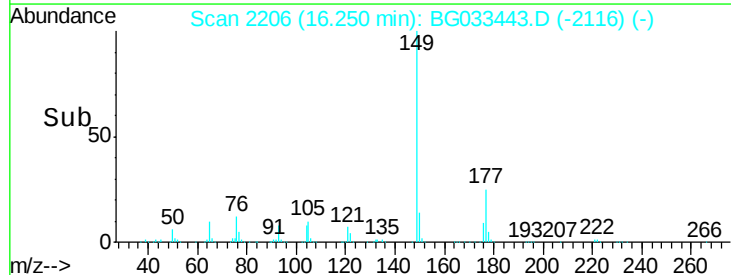
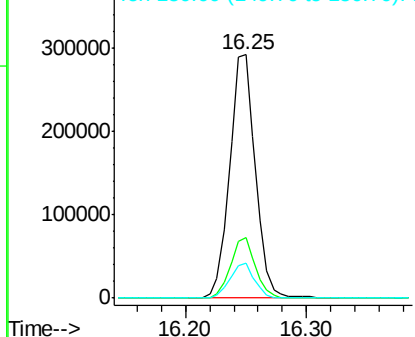
Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.8	18.5	27.7
150	14.4	10.2	15.2

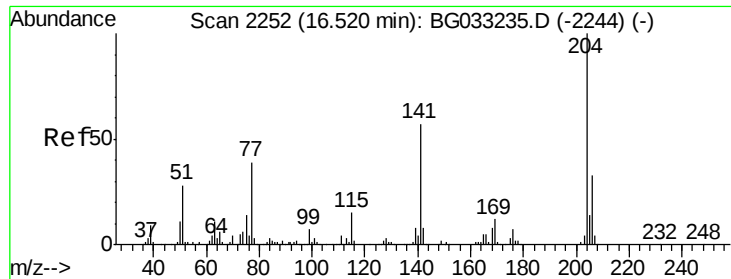


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

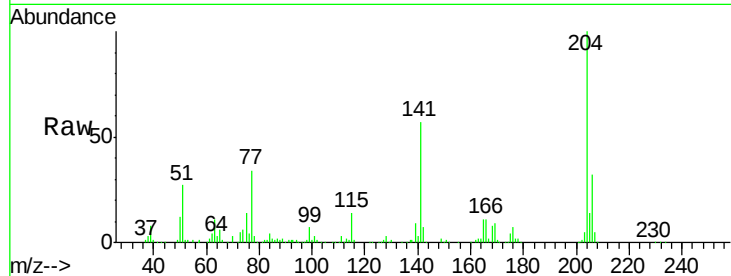




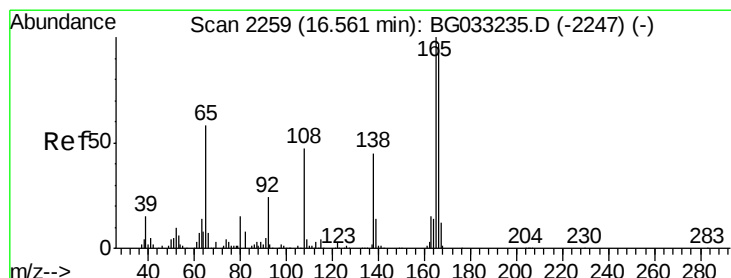
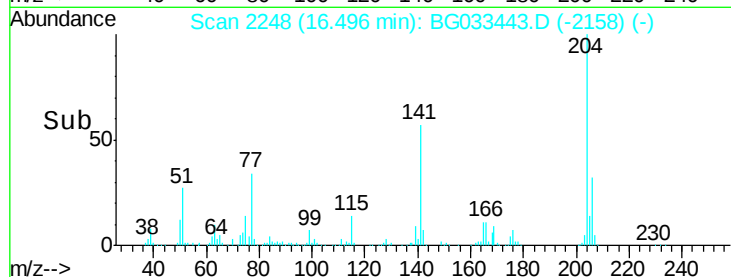
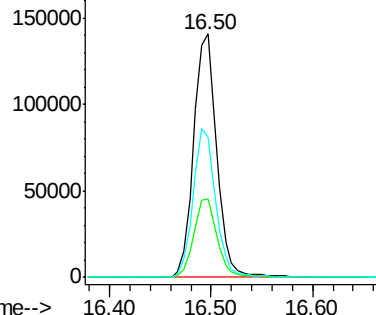
#60
 4-Chlorophenyl-phenylether
 Concen: 38.893 ng
 RT: 16.50 min Scan# 2248
 Delta R.T. -0.00 min
 Lab File: BG033443.D
 Acq: 30 Mar 2018 7:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.2	39.2
141	57.3	45.8	68.6

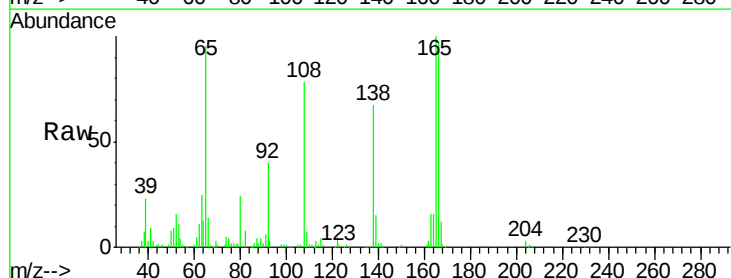


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

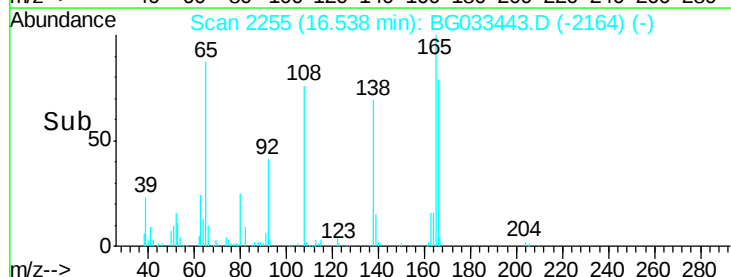
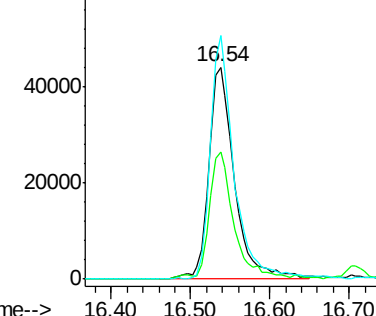


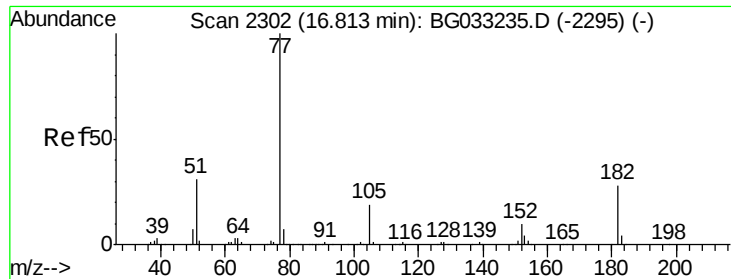
#61
 4-Nitroaniline
 Concen: 41.844 ng
 RT: 16.54 min Scan# 2255
 Delta R.T. 0.00 min
 Lab File: BG033443.D
 Acq: 30 Mar 2018 7:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.9	40.1	80.1
108	114.9	65.4	105.4#



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





#62

Azobenzene

Concen: 39.081 ng

RT: 16.78 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 398792

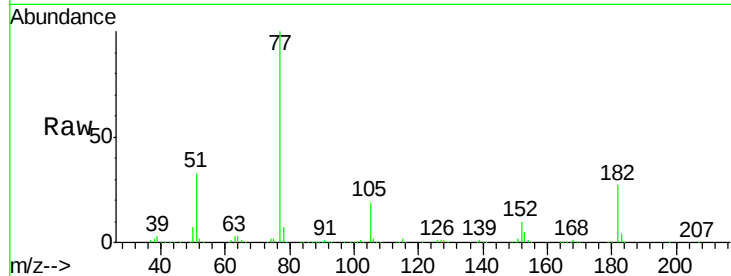
Ion Ratio Lower Upper

77 100

182 26.6 7.4 47.4

105 19.1 0.3 40.3

51 33.5 11.6 51.6

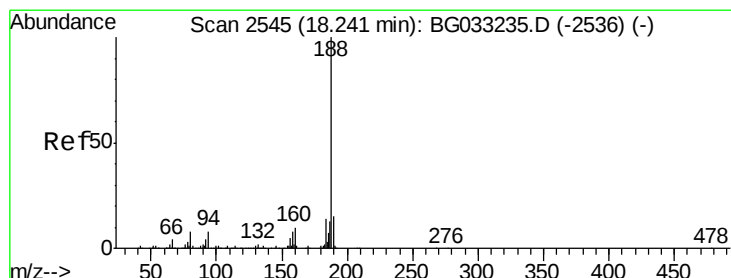
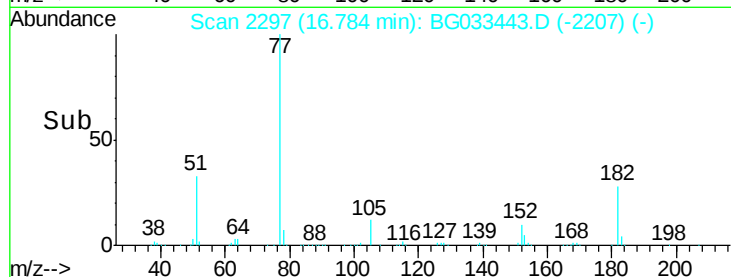
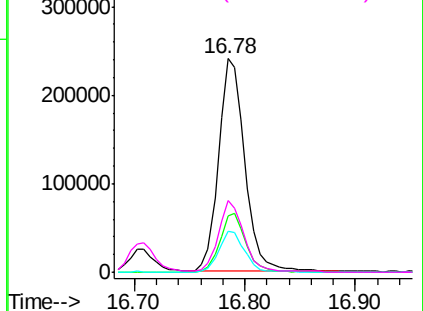


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

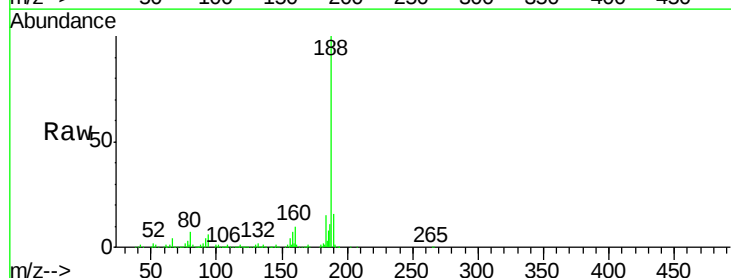
Tgt Ion: 188 Resp: 332289

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

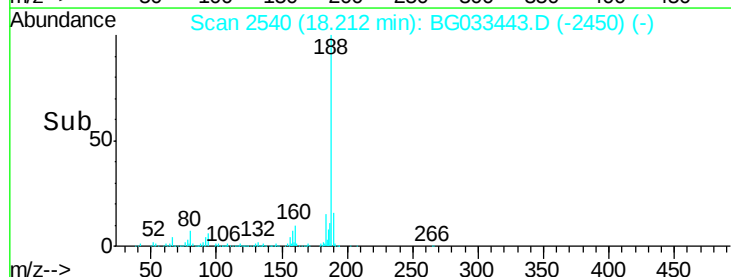
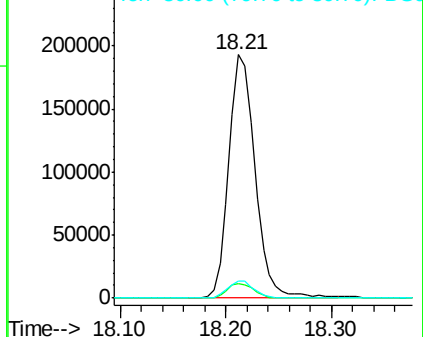
80 7.1 7.7 11.5#

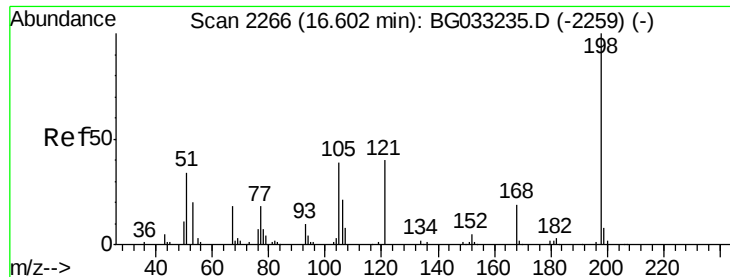


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

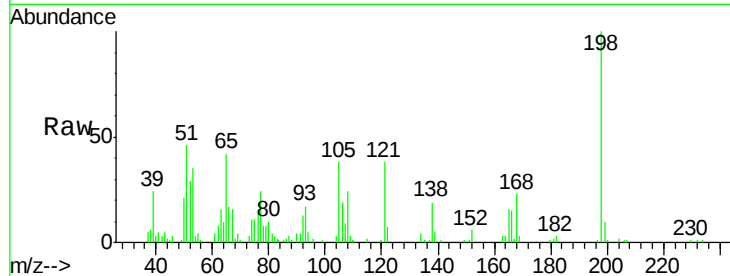




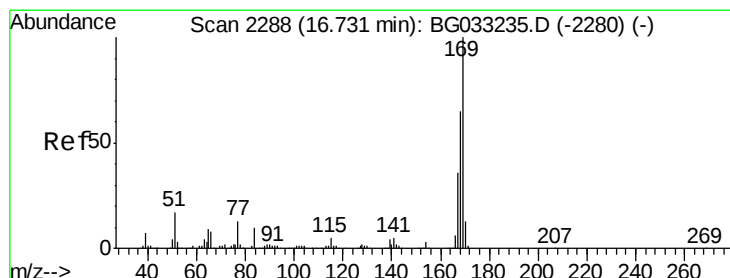
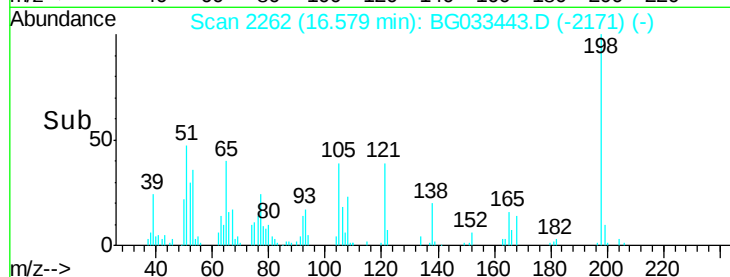
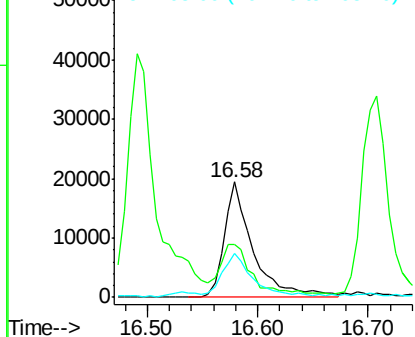
#64
4,6-Dinitro-2-methylphenol
Concen: 17.808 ng
RT: 16.58 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 35400
Ion Ratio Lower Upper
198 100
51 45.7 30.6 70.6
105 37.5 23.8 63.8

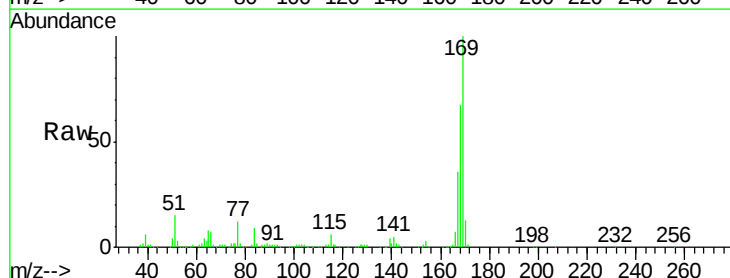


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

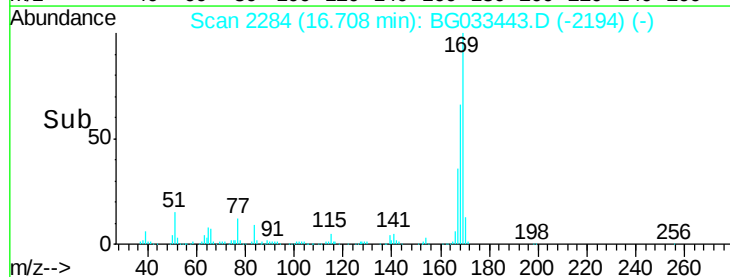
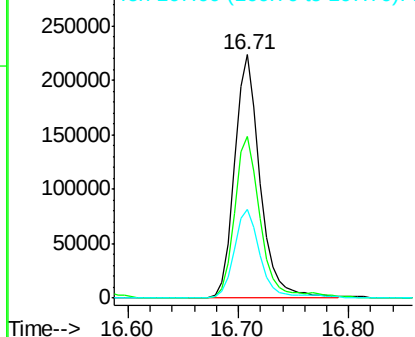


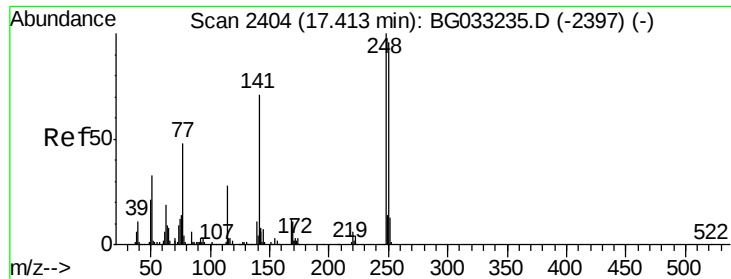
#65
n-Nitrosodiphenylamine
Concen: 38.263 ng
RT: 16.71 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

Tgt Ion:169 Resp: 362980
Ion Ratio Lower Upper
169 100
168 66.6 55.7 83.5
167 36.3 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

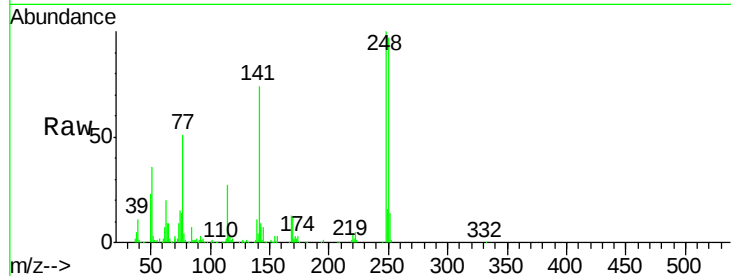




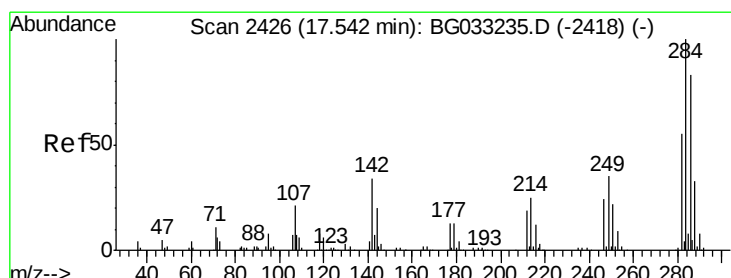
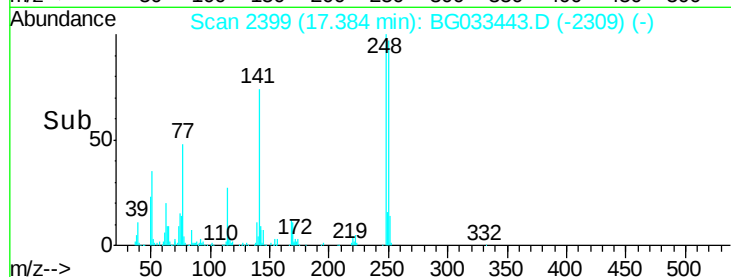
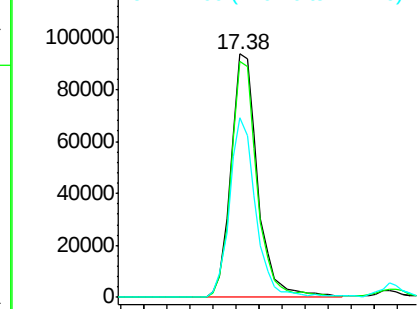
#66
4-Bromophenyl-phenylether
Concen: 38.546 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 150424
Ion Ratio Lower Upper
248 100
250 96.8 77.1 115.7
141 73.5 50.8 76.2

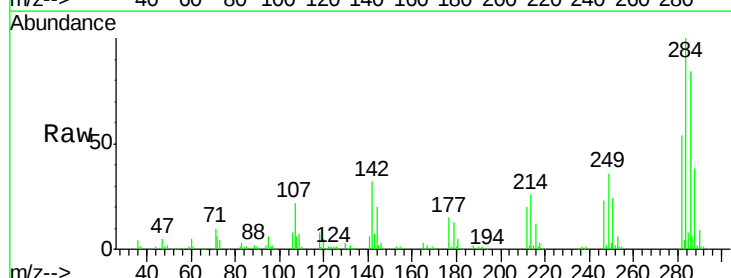


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

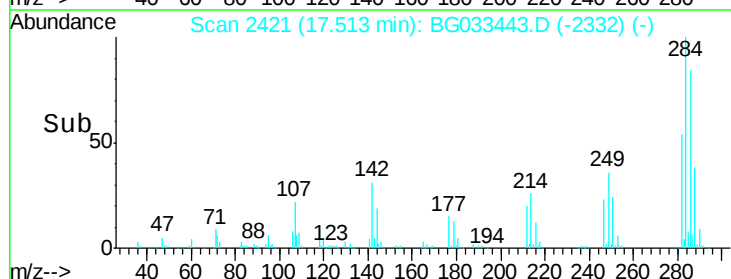
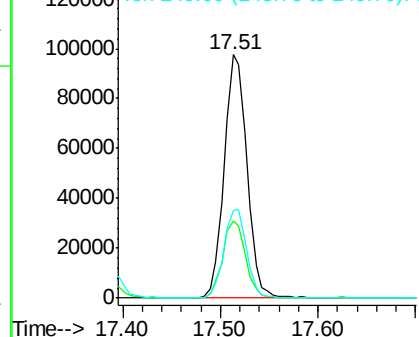


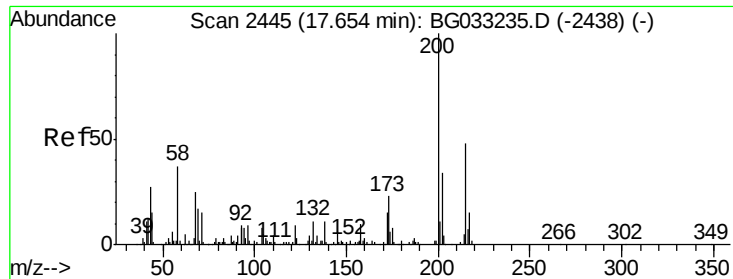
#67
Hexachlorobenzene
Concen: 38.335 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

Tgt Ion:284 Resp: 157884
Ion Ratio Lower Upper
284 100
142 31.7 26.8 40.2
249 35.8 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

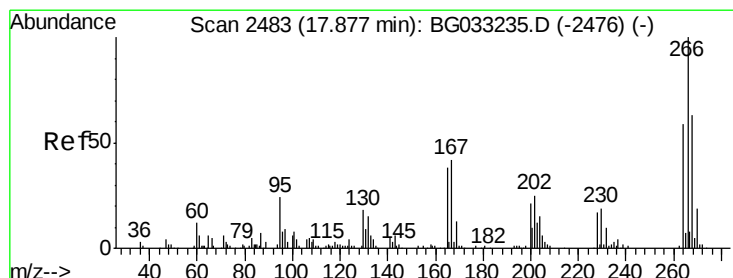
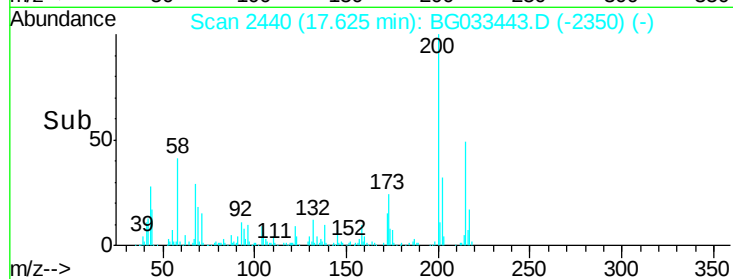
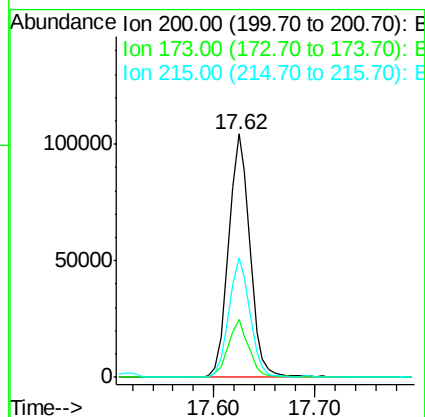
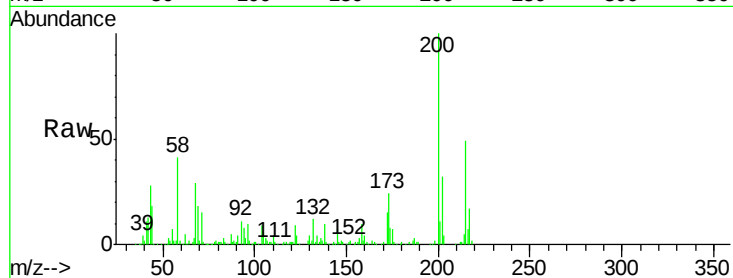




#68
Atrazine
Concen: 39.846 ng
RT: 17.62 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

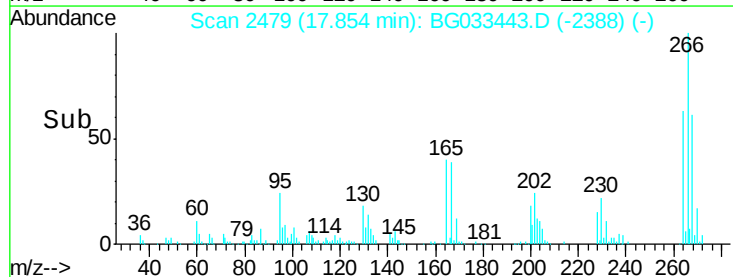
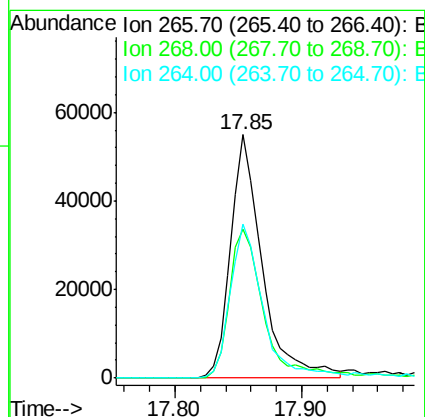
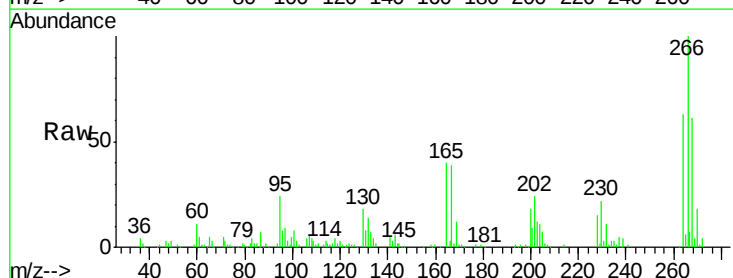
Instrument :
BNA_G
ClientSampled :

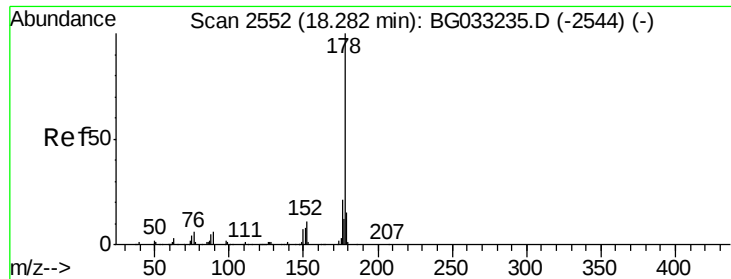
Tot Ion:200 Resp: 153172
Ion Ratio Lower Upper
200 100
173 23.7 5.2 45.2
215 49.3 30.4 70.4



#69
Pentachlorophenol
Concen: 33.518 ng
RT: 17.85 min Scan# 2479
Delta R.T. 0.00 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

Tgt Ion:266 Resp: 94747
Ion Ratio Lower Upper
266 100
268 60.9 51.1 76.7
264 63.0 49.6 74.4





#70

Phenanthrene

Concen: 38.268 ng

RT: 18.26 min Scan# 2548

Delta R.T. 0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

Instrument :

BNA_G

ClientSampleId :

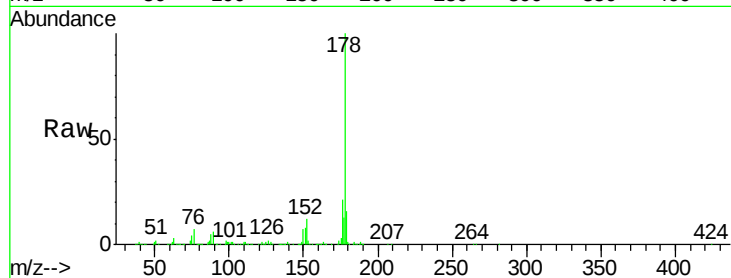
Tot Ion:178 Resp: 662244

Ion Ratio Lower Upper

178 100

176 21.1 15.7 23.5

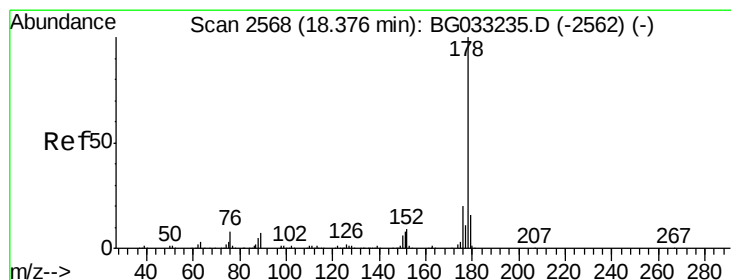
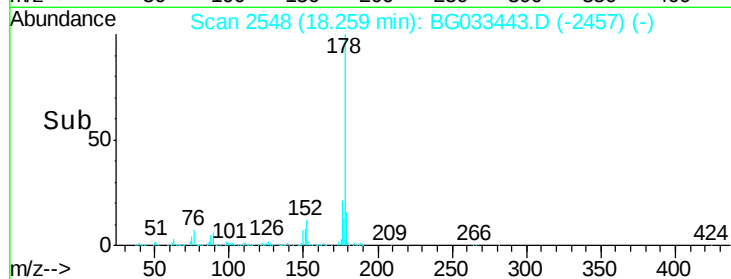
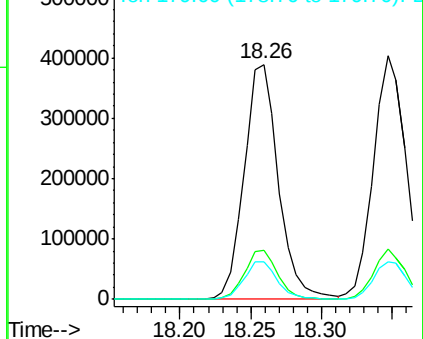
179 16.0 12.5 18.7



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: 39.215 ng

RT: 18.35 min Scan# 2563

Delta R.T. -0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

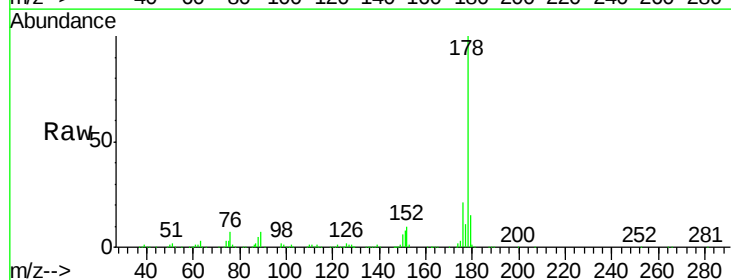
Tgt Ion:178 Resp: 687146

Ion Ratio Lower Upper

178 100

176 20.7 16.0 24.0

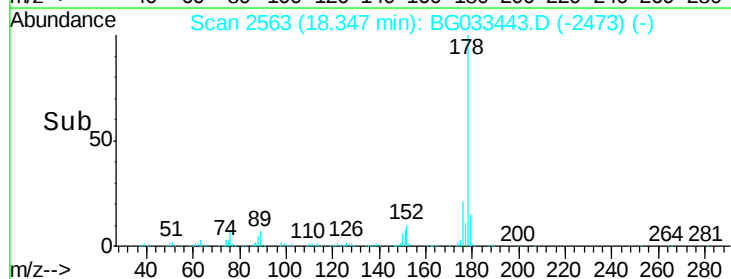
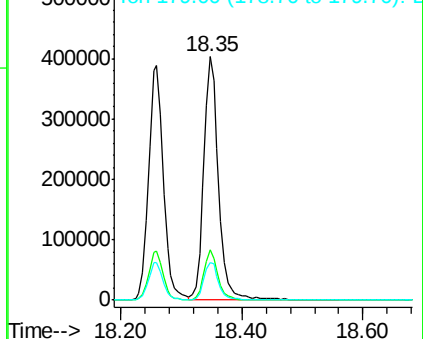
179 15.3 12.5 18.7

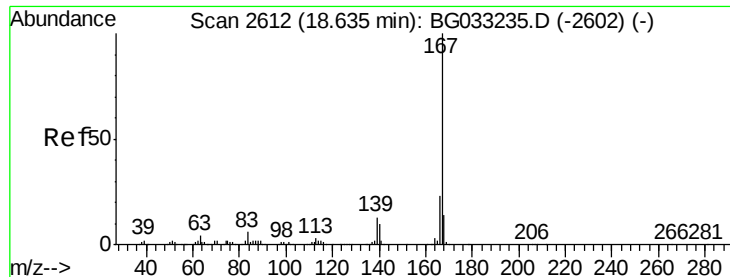


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 38.958 ng

RT: 18.61 min Scan# 2607

Delta R.T. -0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

Instrument :

BNA_G

ClientSampleId :

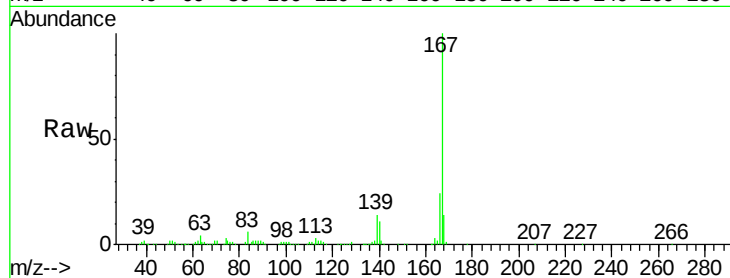
Tot Ion:167 Resp: 604907

Ion Ratio Lower Upper

167 100

166 24.0 18.2 27.4

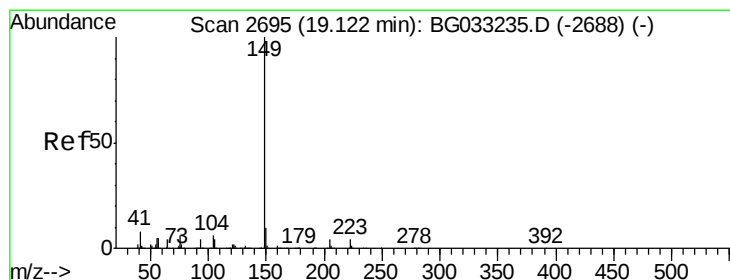
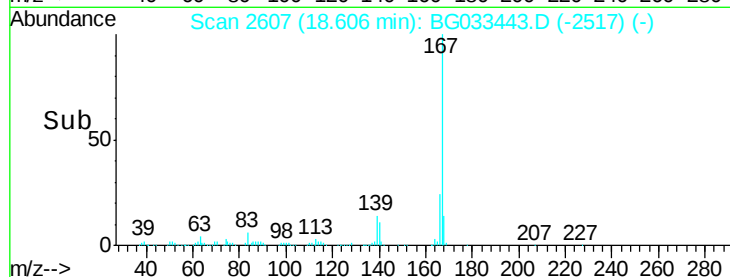
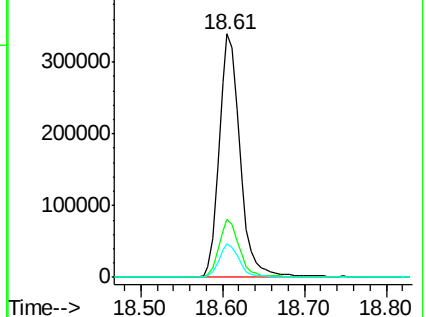
139 13.6 9.4 14.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 39.446 ng

RT: 19.10 min Scan# 2691

Delta R.T. -0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

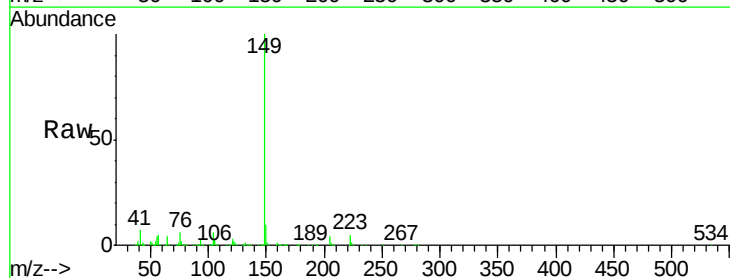
Tgt Ion:149 Resp: 712907

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

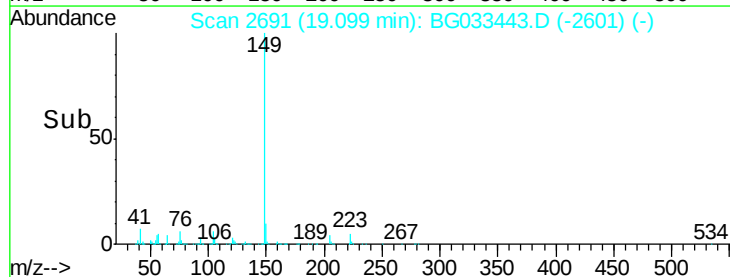
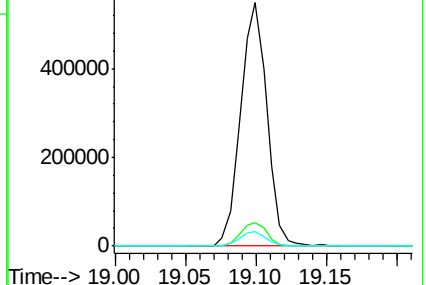
104 6.2 3.9 5.9#

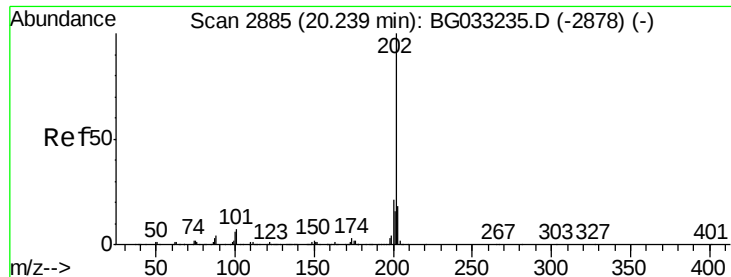


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

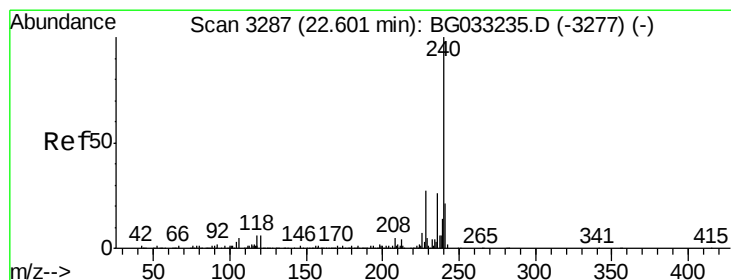
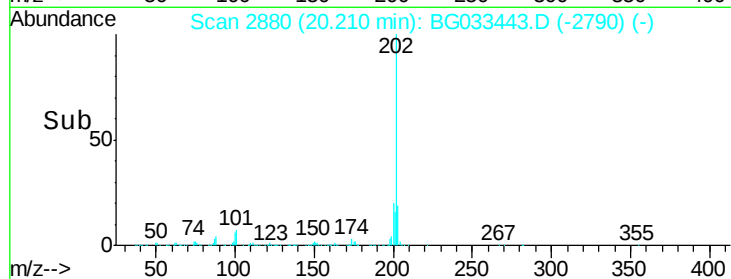
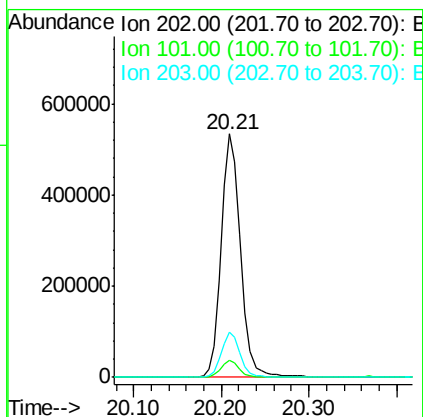
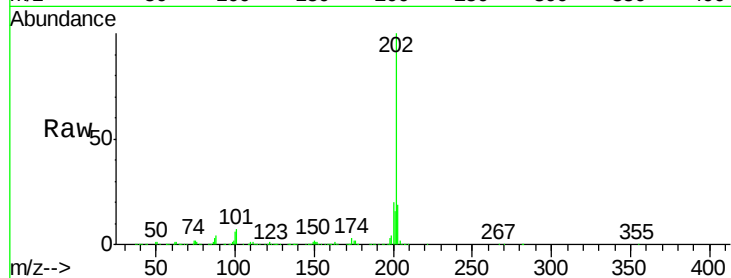




#74
 Fluoranthene
 Concen: 38.000 ng
 RT: 20.21 min Scan# 2880
 Delta R.T. -0.00 min
 Lab File: BG033443.D
 Acq: 30 Mar 2018 7:29

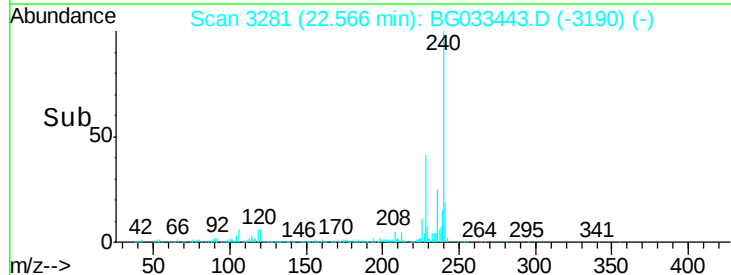
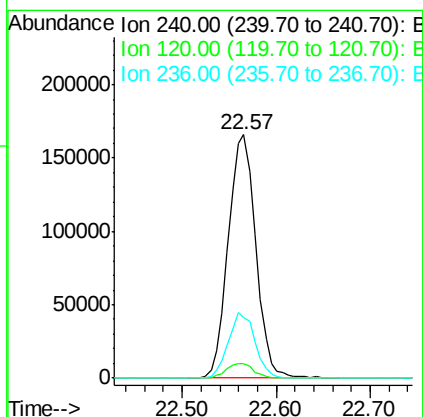
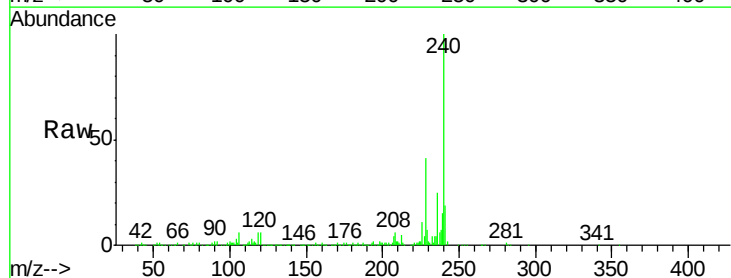
Instrument :
 BNA_G
 ClientSampleId :

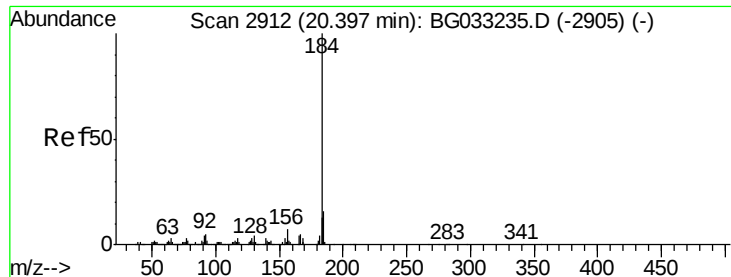
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	28.9
203	18.6	0.0	37.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.57 min Scan# 3281
 Delta R.T. 0.00 min
 Lab File: BG033443.D
 Acq: 30 Mar 2018 7:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	25.1	20.9	31.3





#76

Benzidine

Concen: 47.189 ng

RT: 20.37 min Scan# 2907

Delta R.T. -0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

Instrument :

BNA_G

ClientSampleId :

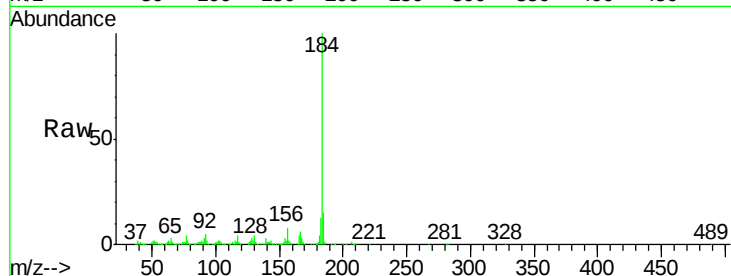
Tot Ion:184 Resp: 431436

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

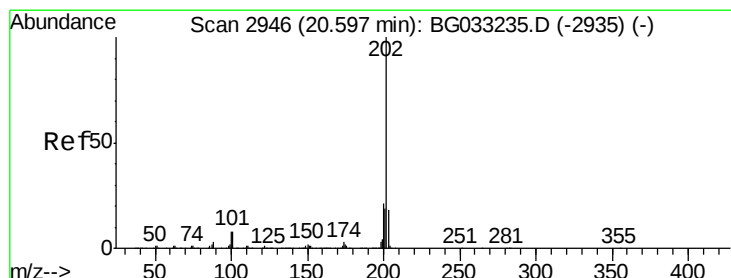
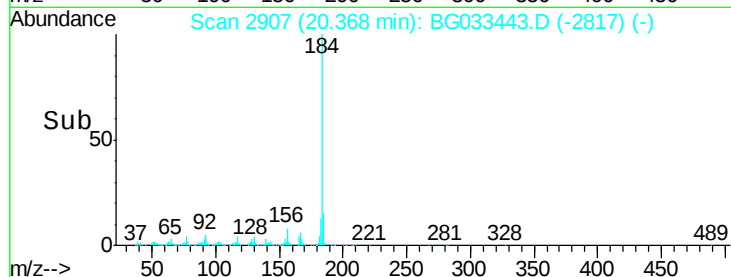
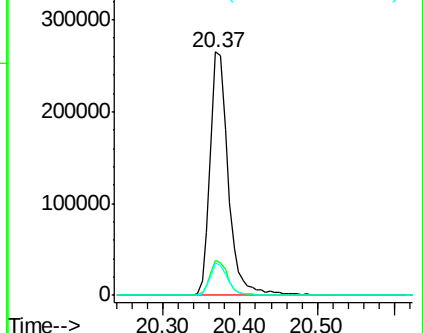
183 13.5 10.6 16.0



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

Pyrene

Concen: 37.580 ng

RT: 20.57 min Scan# 2941

Delta R.T. -0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

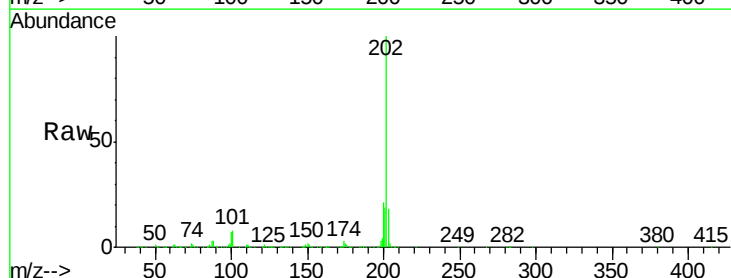
Tgt Ion:202 Resp: 845009

Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

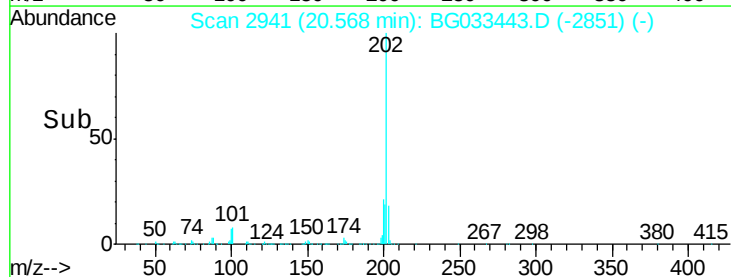
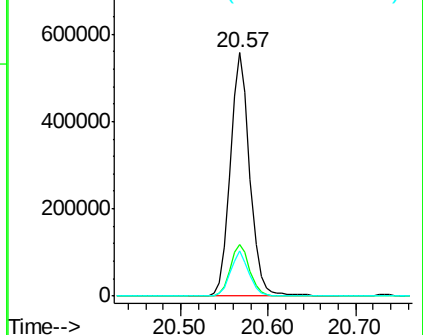
203 18.5 13.9 20.9

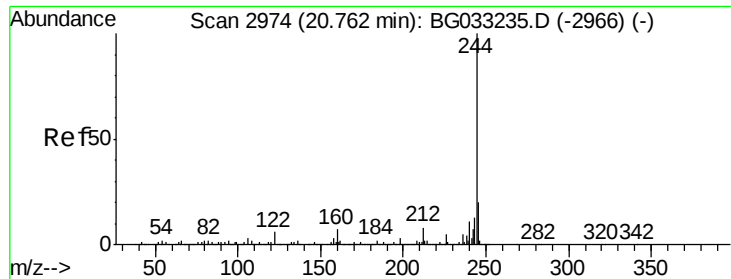


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 74.634 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

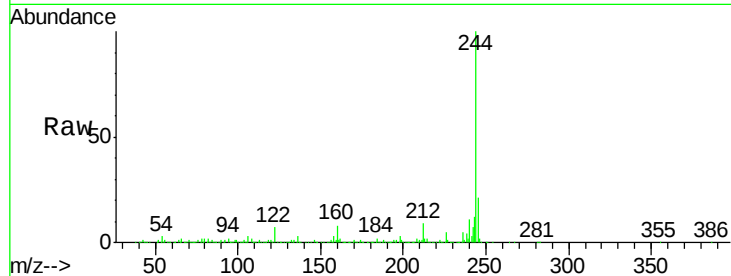
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1176575

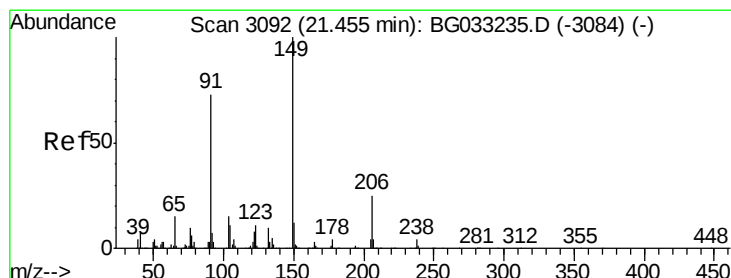
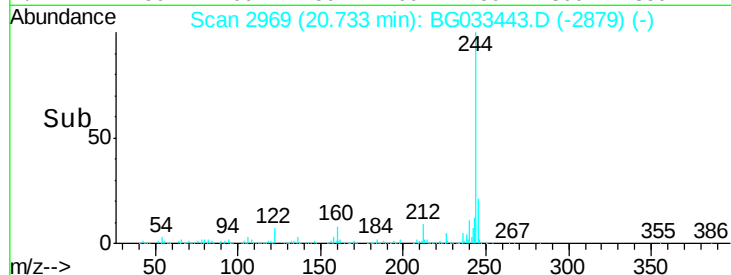
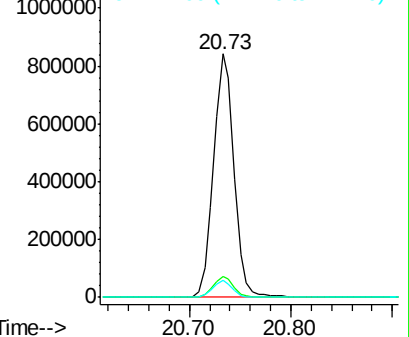
Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	7.0	7.0	10.4



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: 39.155 ng

RT: 21.42 min Scan# 3086

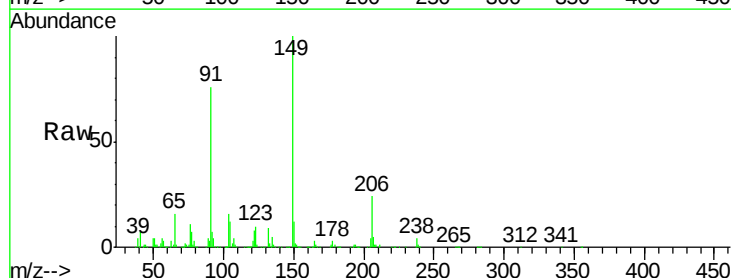
Delta R.T. -0.01 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

Tgt Ion:149 Resp: 324896

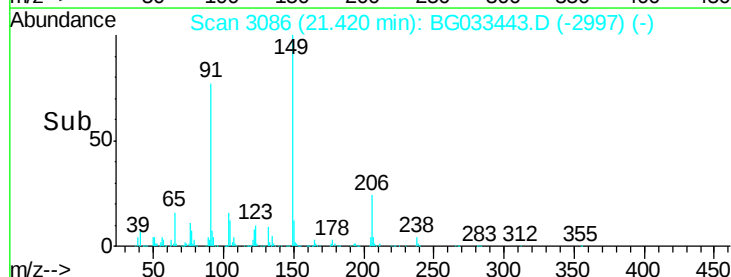
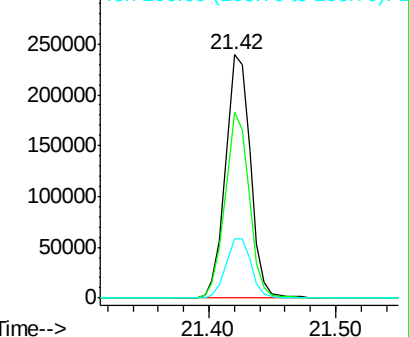
Ion	Ratio	Lower	Upper
149	100		
91	76.5	62.2	93.2
206	24.2	18.6	27.8

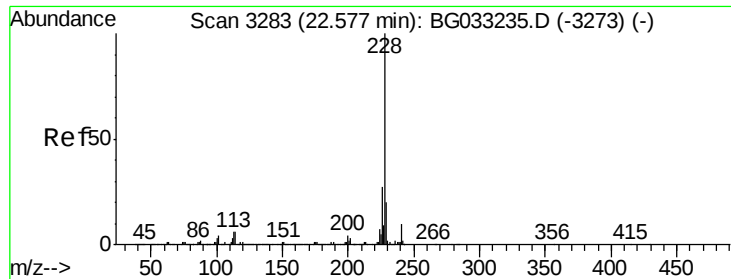


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 37.975 ng

RT: 22.54 min Scan# 3276

Delta R.T. -0.01 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

Instrument :

BNA_G

ClientSampleId :

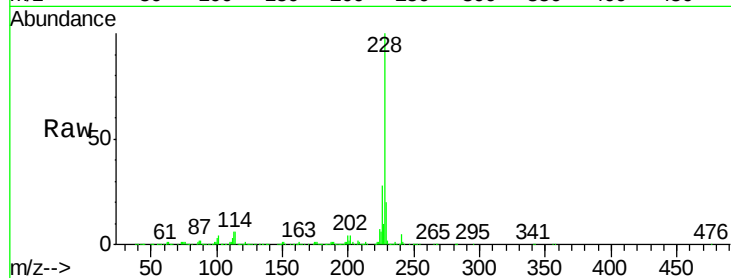
Tot Ion:228 Resp: 815237

Ion Ratio Lower Upper

228 100

226 28.0 22.7 34.1

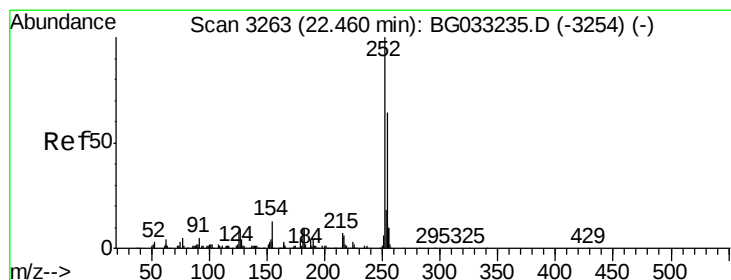
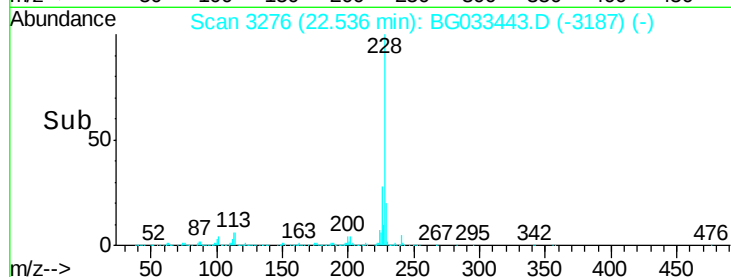
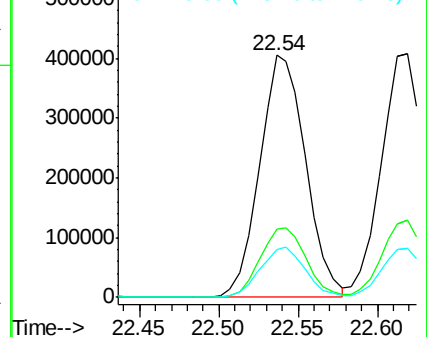
229 19.6 16.2 24.2



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



#81

3,3'-Dichlorobenzidine

Concen: 41.754 ng

RT: 22.42 min Scan# 3257

Delta R.T. -0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

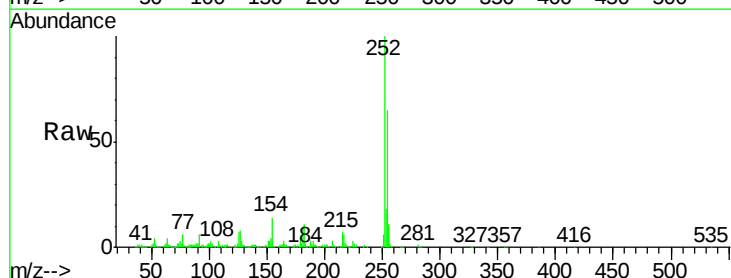
Tgt Ion:252 Resp: 318968

Ion Ratio Lower Upper

252 100

254 65.2 50.8 76.2

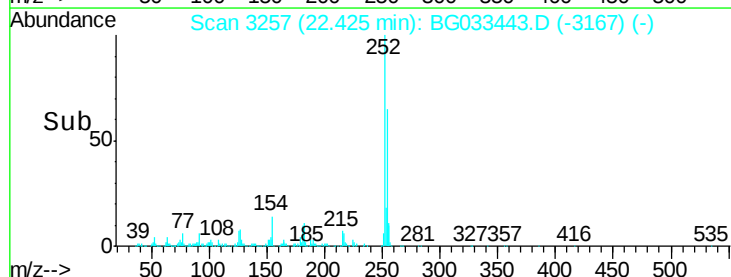
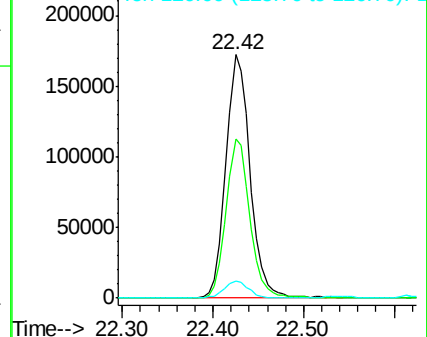
126 7.1 7.4 11.2#

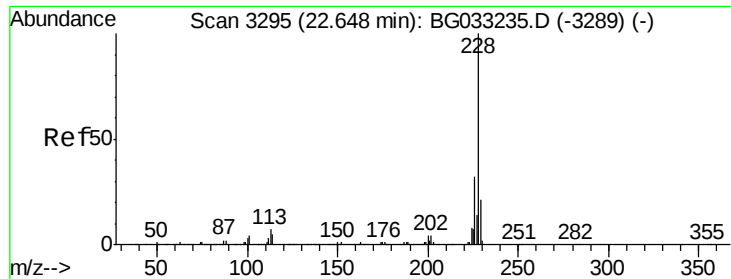


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

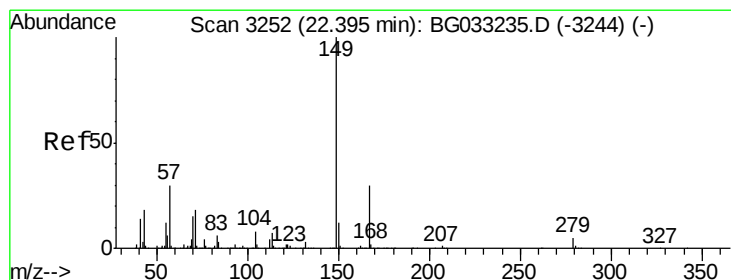
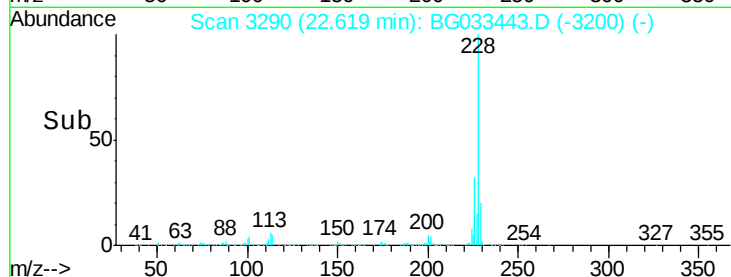
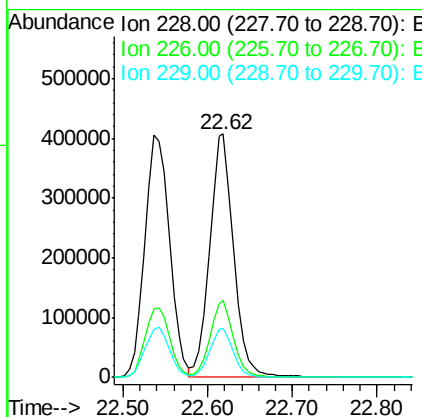
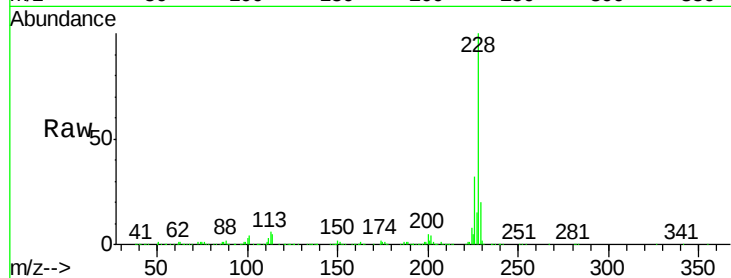




#82
 Chrvsene
 Concen: 38.812 ng
 RT: 22.62 min Scan# 3290
 Delta R.T. -0.00 min
 Lab File: BG033443.D
 Acq: 30 Mar 2018 7:29

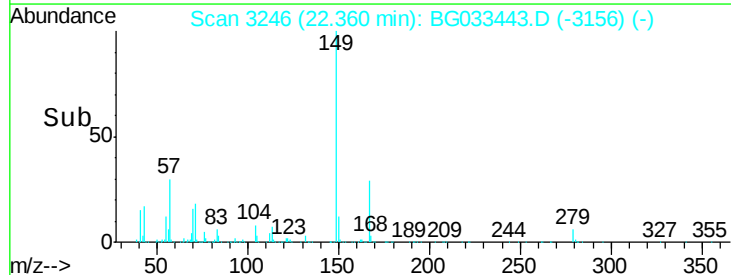
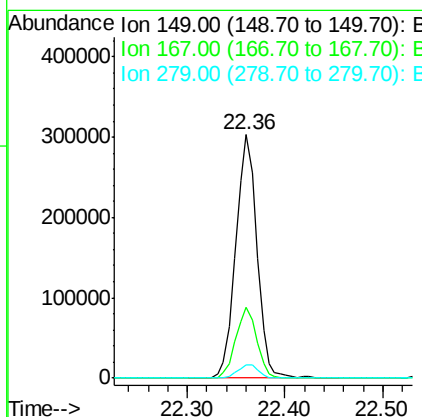
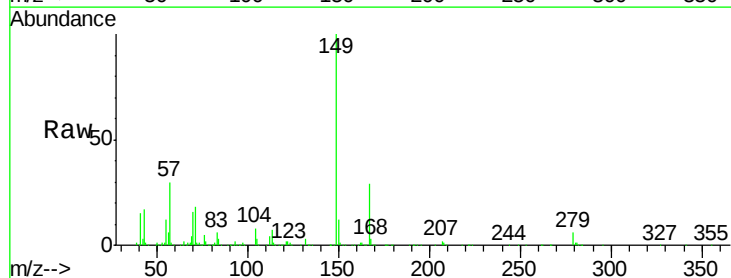
Instrument :
 BNA_G
 ClientSampled :

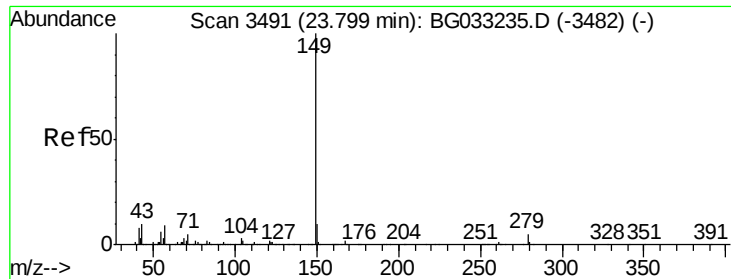
Tot Ion:228 Resp: 806537
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.9 37.3
 229 20.3 15.0 22.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.883 ng
 RT: 22.36 min Scan# 3246
 Delta R.T. -0.00 min
 Lab File: BG033443.D
 Acq: 30 Mar 2018 7:29

Tgt Ion:149 Resp: 456193
 Ion Ratio Lower Upper
 149 100
 167 29.0 24.3 36.5
 279 5.6 4.0 6.0





#84

Di-n-octyl phthalate

Concen: 41.935 ng

RT: 23.76 min Scan# 3484

Delta R.T. -0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

Instrument :

BNA_G

ClientSampleId :

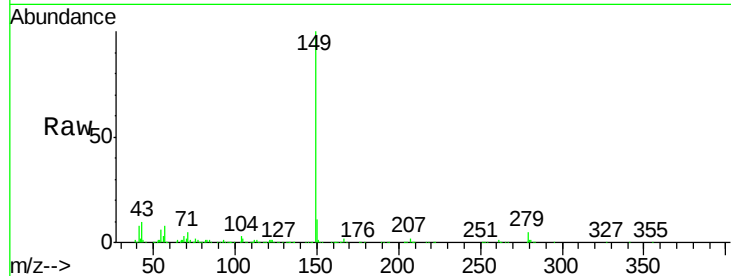
Tot Ion:149 Resp: 734414

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

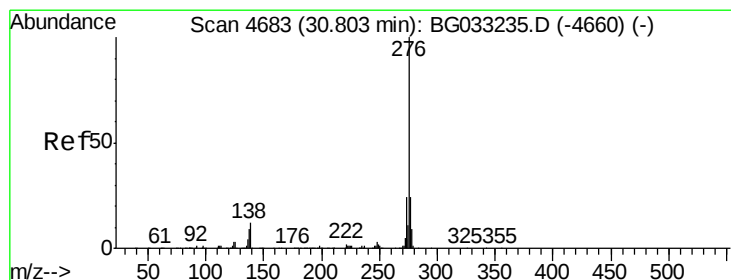
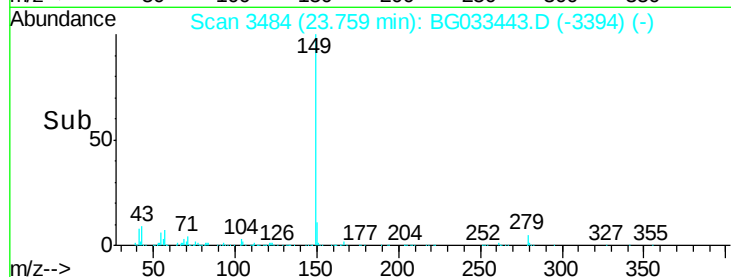
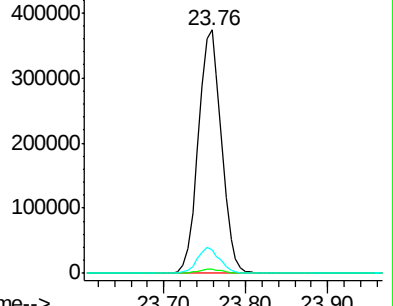
43 10.5 8.9 13.3



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): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 41.510 ng

RT: 30.71 min Scan# 4667

Delta R.T. -0.01 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

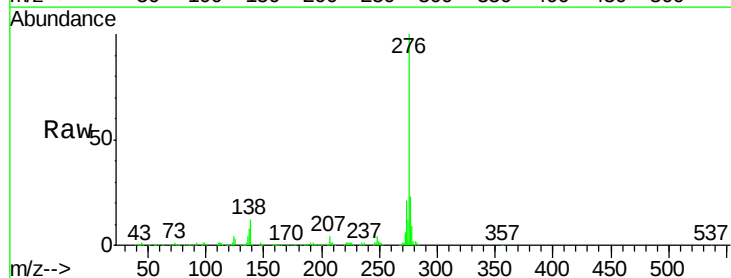
Tgt Ion:276 Resp: 932639

Ion Ratio Lower Upper

276 100

138 15.4 16.0 24.0#

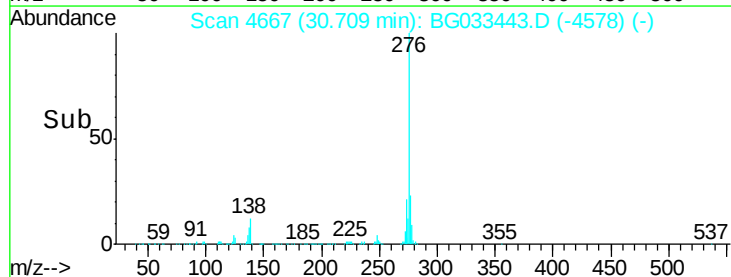
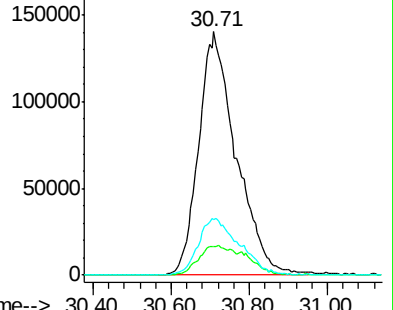
277 25.6 20.0 30.0

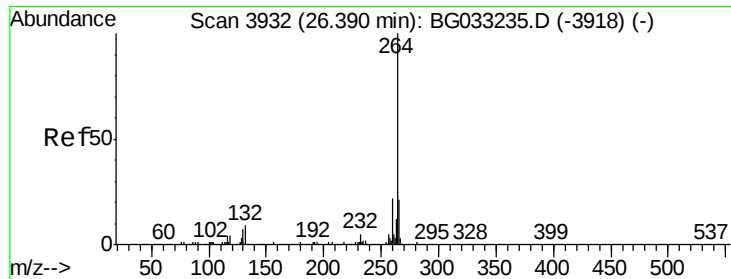


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.33 min Scan# 3922

Delta R.T. -0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

Instrument :

BNA_G

ClientSampleId :

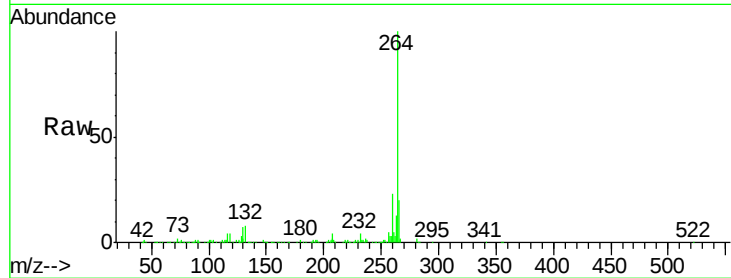
Tot Ion:264 Resp: 370392

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	20.4	17.7	26.5

264 100

260 23.4 17.4 26.0

265 20.4 17.7 26.5

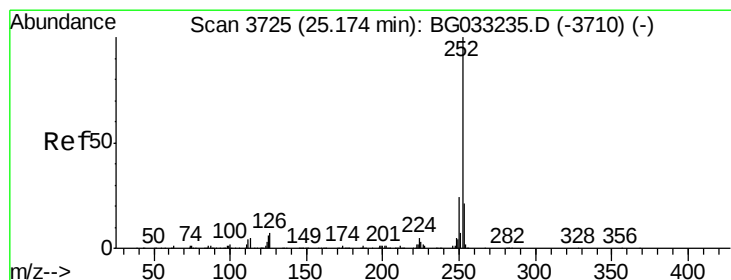
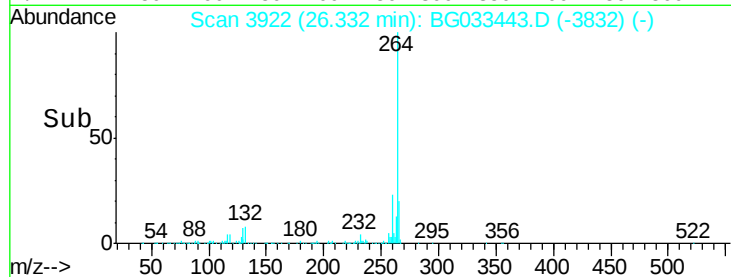
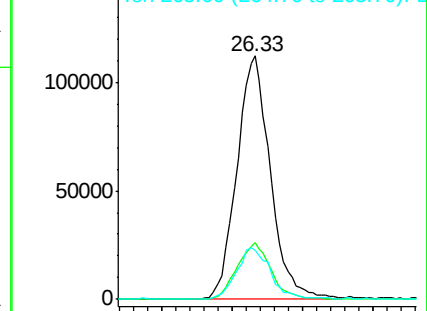


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 37.040 ng

RT: 25.12 min Scan# 3716

Delta R.T. 0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

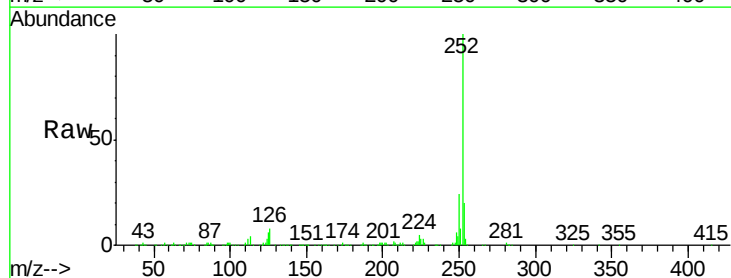
Tgt Ion:252 Resp: 792627

Ion	Ratio	Lower	Upper
252	100		
253	20.5	18.2	27.4
125	5.7	7.2	10.8#

252 100

253 20.5 18.2 27.4

125 5.7 7.2 10.8#

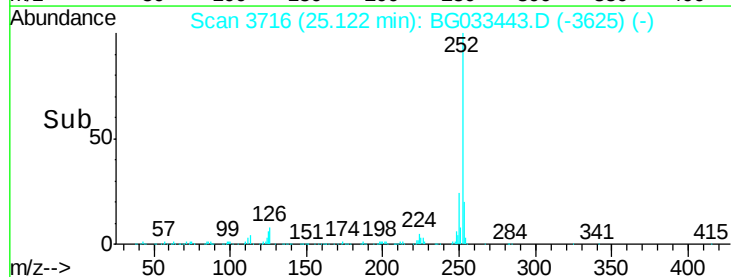
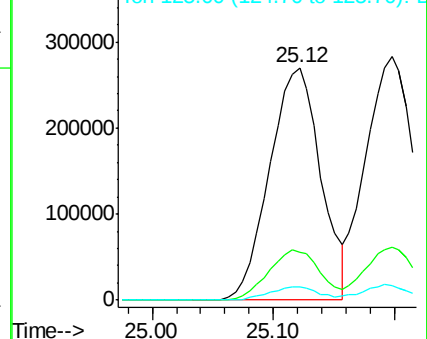


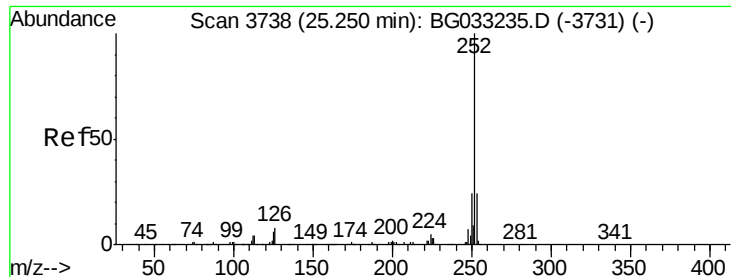
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 38.237 ng

RT: 25.20 min Scan# 3729

Delta R.T. -0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

Instrument :

BNA_G

ClientSampleId :

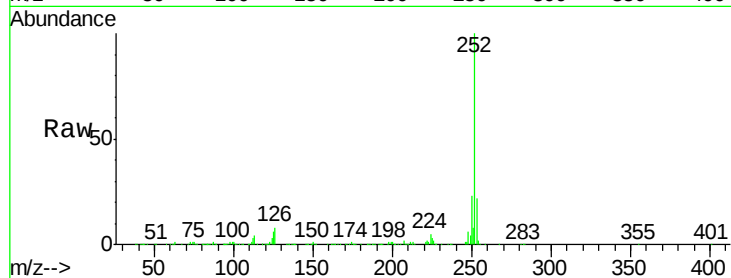
Tot Ion:252 Resp: 827562

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

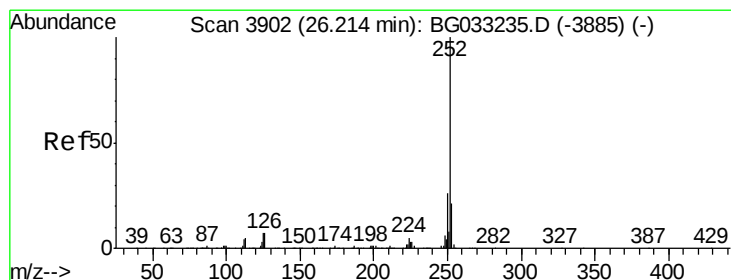
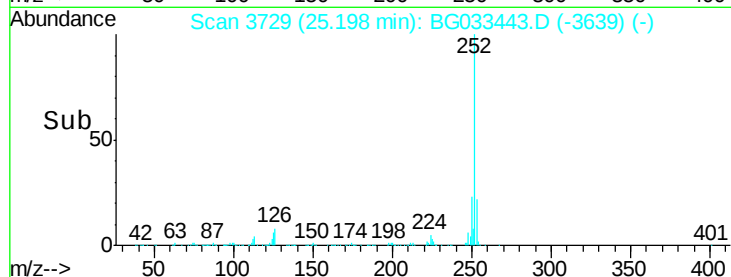
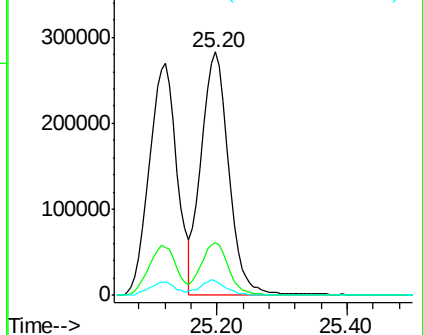
125 5.7 6.6 9.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 38.227 ng

RT: 26.15 min Scan# 3891

Delta R.T. -0.00 min

Lab File: BG033443.D

Acq: 30 Mar 2018 7:29

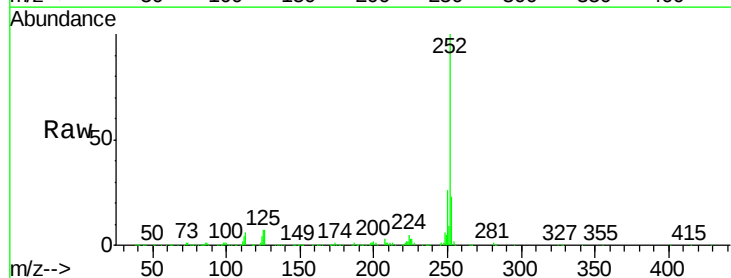
Tgt Ion:252 Resp: 785580

Ion Ratio Lower Upper

252 100

253 23.2 18.3 27.5

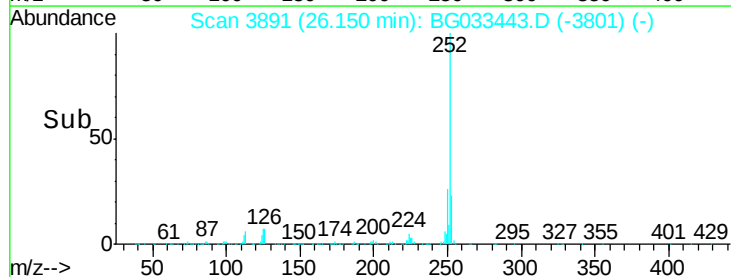
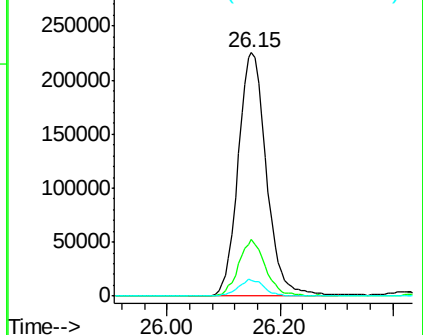
125 6.6 7.3 10.9#

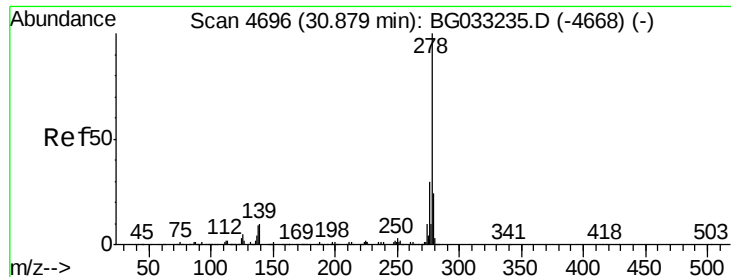


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

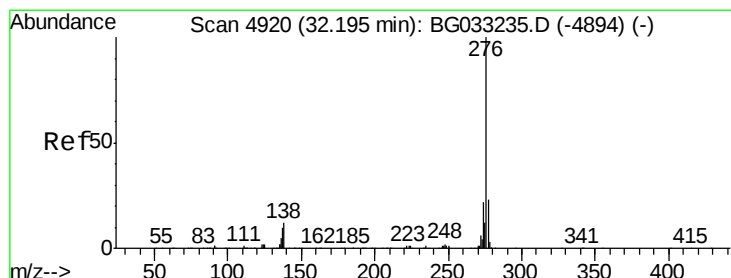
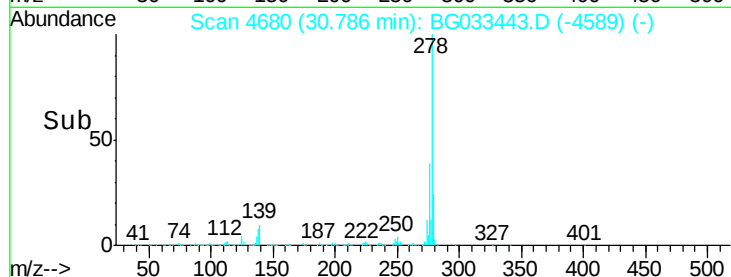
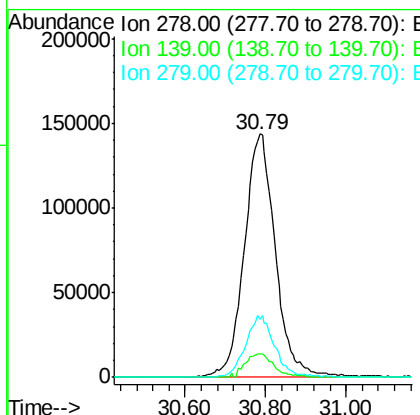
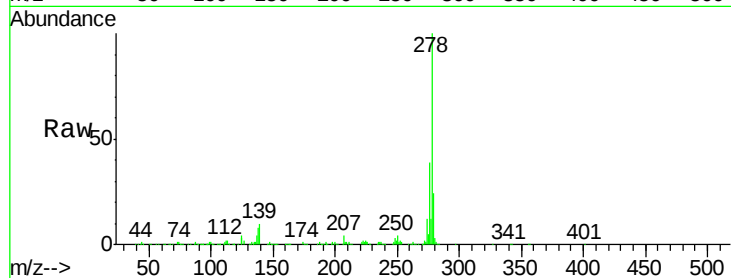




#90
Dibenzo(a,h)anthracene
Concen: 39.855 ng
RT: 30.79 min Scan# 4680
Delta R.T. 0.00 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.7	9.8	14.6#
279	23.6	18.4	27.6



#91
Benzo(g,h,i)perylene
Concen: 39.721 ng
RT: 32.09 min Scan# 4902
Delta R.T. 0.00 min
Lab File: BG033443.D
Acq: 30 Mar 2018 7:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.3	27.5
138	12.2	13.9	20.9#

