

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
 Data File : BG033128.D
 Acq On : 13 Mar 2018 20:50
 Operator : SJ/JU
 Sample : PB107310BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 13 23:20:26 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	47563	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	206098	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	111467	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	234437	20.00	ng	0.00
75) Chrysene-d12	22.61	240	231663	20.00	ng	0.00
86) Perylene-d12	26.41	264	251918	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.34	112	239264	80.48	ng	0.01
7) Phenol-d6	8.02	99	314558	75.91	ng	0.02
23) Nitrobenzene-d5	10.11	82	277025	92.31	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	84339	71.96	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	583254	75.47	ng	0.00
78) Terphenyl-d14	20.77	244	763167	74.01	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.96	88	35280	27.344	ng	96
3) Pyridine	4.43	79	101825	28.633	ng	87
4) n-Nitrosodimethylamine	4.33	42	61365	43.040	ng	# 75
6) Aniline	8.20	93	71464	12.740	ng	98
8) 2-Chlorophenol	8.46	128	126944	39.011	ng	96
9) Benzaldehyde	8.01	77	54719	22.911	ng	96
10) Phenol	8.05	94	158341	37.905	ng	99
11) bis(2-Chloroethyl)ether	8.29	93	108892	31.879	ng	94
12) 1,3-Dichlorobenzene	8.80	146	122358	32.103	ng	97
13) 1,4-Dichlorobenzene	8.95	146	124801	32.530	ng	97
14) 1,2-Dichlorobenzene	9.28	146	119754	32.574	ng	96
15) Benzyl Alcohol	9.15	79	113083	37.120	ng	95
16) 2,2'-oxybis(1-Chloropropan	9.44	45	218918	37.282	ng	98
17) 2-Methylphenol	9.35	107	106059	34.431	ng	96
18) Hexachloroethane	10.04	117	45169	34.579	ng	86
19) n-Nitroso-di-n-propylamine	9.73	70	93478	31.953	ng	# 89
20) 3+4-Methylphenols	9.69	107	145711	34.021	ng	94
22) Acetophenone	9.76	105	173602	33.353	ng	# 99
24) Nitrobenzene	10.16	77	135246	42.060	ng	93
25) Isophorone	10.68	82	250704	34.657	ng	96
26) 2-Nitrophenol	10.88	139	66101	54.360	ng	99
27) 2,4-Dimethylphenol	10.92	122	126969	40.404	ng	91
28) bis(2-Chloroethoxy)methane	11.15	93	148996	35.356	ng	96
29) 2,4-Dichlorophenol	11.42	162	113090	39.651	ng	91
30) 1,2,4-Trichlorobenzene	11.65	180	113979	34.092	ng	95
31) Naphthalene	11.85	128	369367	34.298	ng	99
32) Benzoic acid	10.92	122	126969	58.914	ng	# 7
33) 4-Chloroaniline	11.94	127	71205	14.787	ng	97
34) Hexachlorobutadiene	12.11	225	67709	36.106	ng	94
35) Caprolactam	12.69	113	40978	35.882	ng	97
36) 4-Chloro-3-methylphenol	13.00	107	129664	39.067	ng	95
37) 2-Methylnaphthalene	13.40	142	263092	33.767	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	119081	35.988	ng	# 97
40) Hexachlorocyclopentadiene	13.73	237	83360	49.432	ng	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

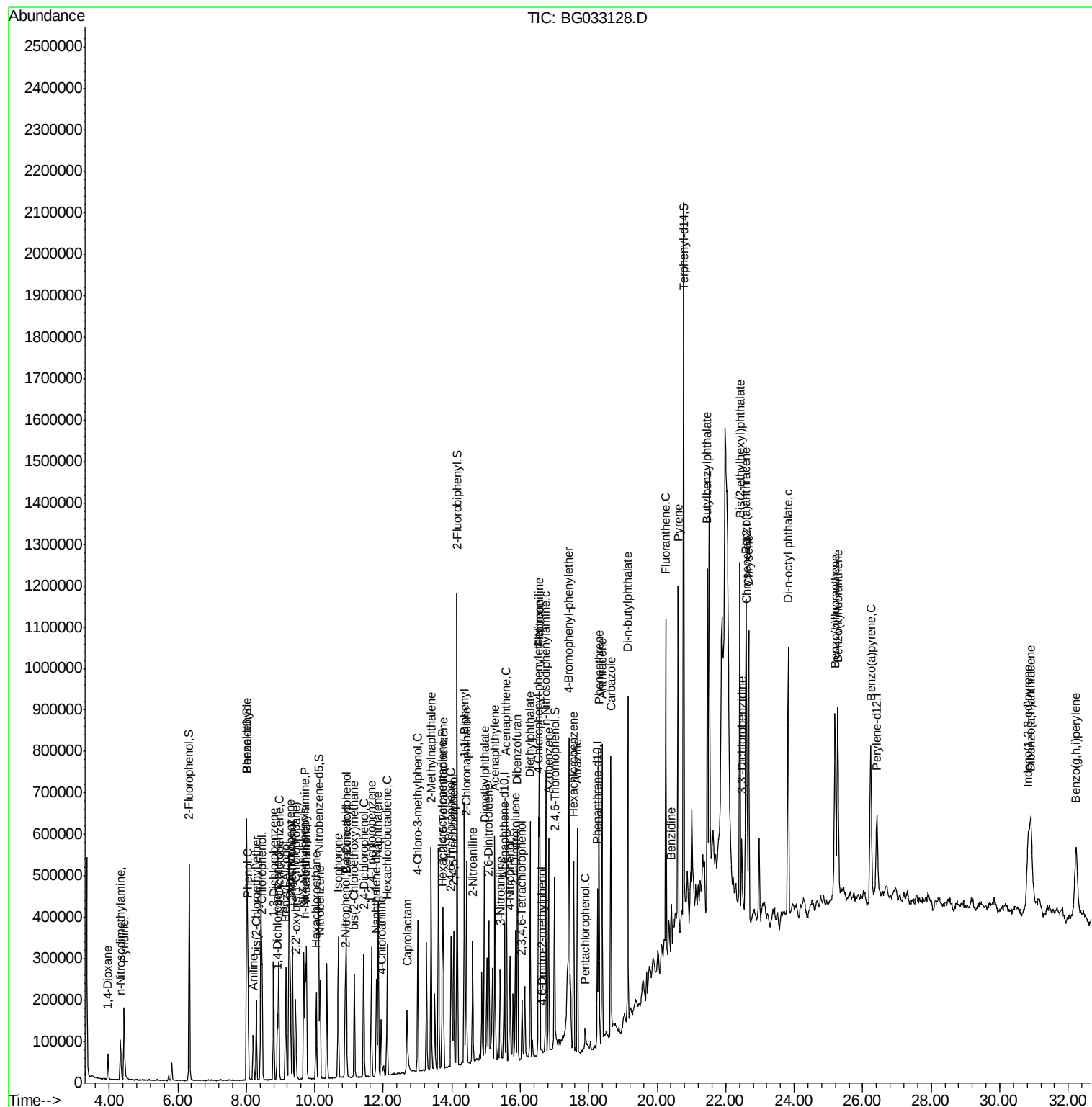
42) 2,4,6-Trichlorophenol	13.98	196	79222	37.965	ng	97
43) 2,4,5-Trichlorophenol	14.05	196	90306	37.391	ng	# 96
45) 1,1'-Biphenyl	14.37	154	322829	33.143	ng	97
46) 2-Chloronaphthalene	14.43	162	246752	33.913	ng	95
47) 2-Nitroaniline	14.61	65	90458	49.031	ng	95
48) Acenaphthylene	15.26	152	397011	33.327	ng	100
49) Dimethylphthalate	14.95	163	304771	32.201	ng	99
50) 2,6-Dinitrotoluene	15.08	165	67970	44.243	ng	94
51) Acenaphthene	15.59	154	235404	31.730	ng	95
52) 3-Nitroaniline	15.42	138	53942	31.003	ng	# 86
54) Dibenzofuran	15.92	168	369308	34.960	ng	93
55) 4-Nitrophenol	15.69	139	72462	49.696	ng	96
56) 2,4-Dinitrotoluene	15.86	165	93198	50.459	ng	90
57) Fluorene	16.56	166	292048	33.496	ng	98
58) 2,3,4,6-Tetrachlorophenol	16.05	232	34264	18.273	ng	96
59) Diethylphthalate	16.29	149	327110	32.768	ng	98
60) 4-Chlorophenyl-phenylether	16.53	204	148290	34.767	ng	# 88
61) 4-Nitroaniline	16.56	138	70720	36.004	ng	95
62) Azobenzene	16.83	77	305927	34.256	ng	96
64) 4,6-Dinitro-2-methylphenol	16.63	198	1376	7.410	ng	86
65) n-Nitrosodiphenylamine	16.75	169	268765	35.241	ng	98
66) 4-Bromophenyl-phenylether	17.43	248	88164	35.565	ng	# 84
67) Hexachlorobenzene	17.56	284	96206	35.913	ng	94
68) Atrazine	17.67	200	95412	38.007	ng	97
69) Pentachlorophenol	17.90	266	12835	7.607	ng	97
70) Phenanthrene	18.30	178	457087	34.947	ng	100
71) Anthracene	18.39	178	466720	35.544	ng	100
72) Carbazole	18.64	167	434959	33.607	ng	98
73) Di-n-butylphthalate	19.14	149	552477	34.795	ng	99
74) Fluoranthene	20.25	202	509255	35.248	ng	97
76) Benzidine	20.41	184	74445	9.427	ng	100
77) Pyrene	20.61	202	513795	31.450	ng	99
79) Butylbenzylphthalate	21.46	149	253240	34.962	ng	93
80) Benzo(a)anthracene	22.59	228	510063	34.335	ng	100
81) 3,3'-Dichlorobenzidine	22.47	252	88545	16.093	ng	# 98
82) Chrysene	22.67	228	488339	34.413	ng	98
83) Bis(2-ethylhexyl)phthalate	22.41	149	371603	34.659	ng	96
84) Di-n-octyl phthalate	23.82	149	637662	39.018	ng	97
85) Indeno(1,2,3-cd)pyrene	30.83	276	545997	32.992	ng	# 94
87) Benzo(b)fluoranthene	25.19	252	510700	34.286	ng	# 97
88) Benzo(k)fluoranthene	25.27	252	511204	34.533	ng	# 95
89) Benzo(a)pyrene	26.23	252	497294	35.101	ng	# 96
90) Dibenzo(a,h)anthracene	30.91	278	433573	30.404	ng	# 94
91) Benzo(g,h,i)perylene	32.23	276	457937	32.576	ng	# 95

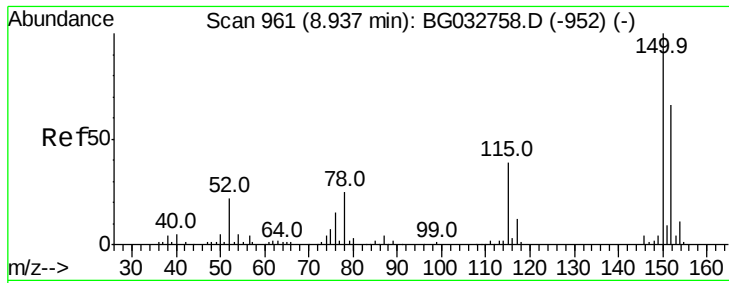
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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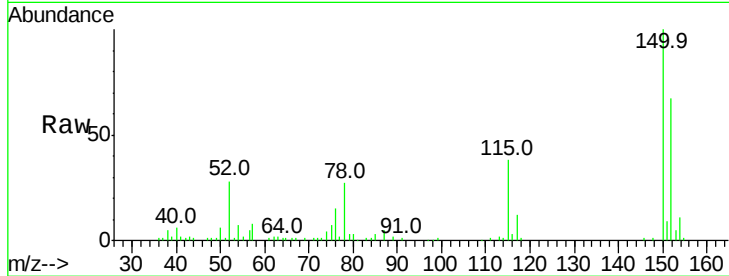


#1

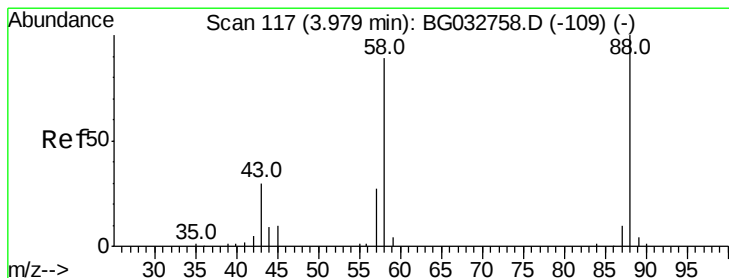
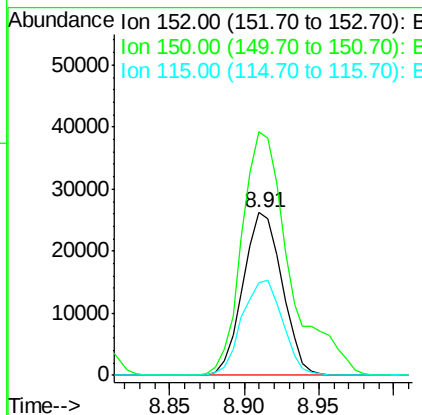
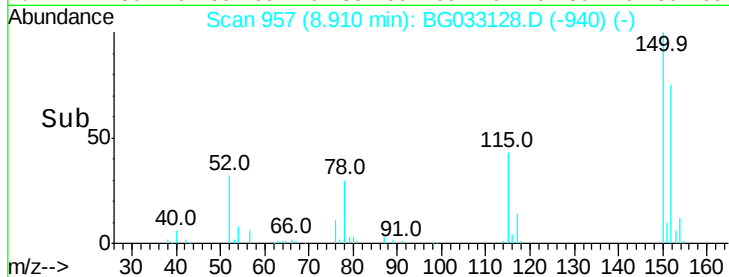
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 47563
Ion Ratio Lower Upper
152 100
150 149.8 126.6 189.8
115 57.3 53.0 79.4



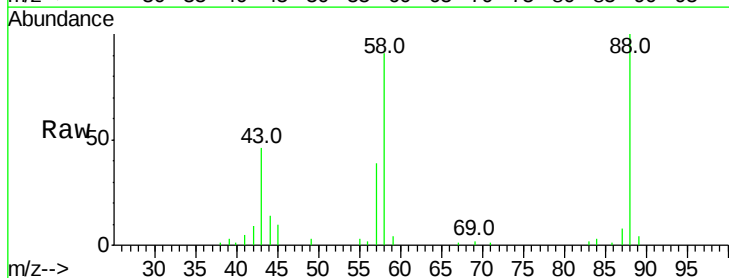
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



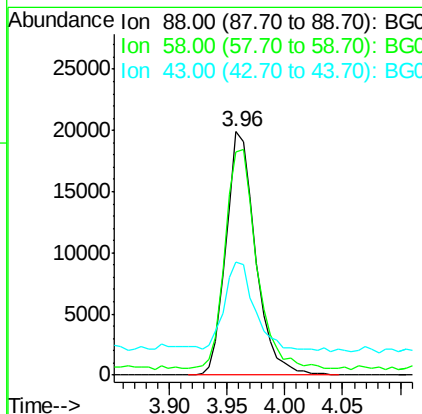
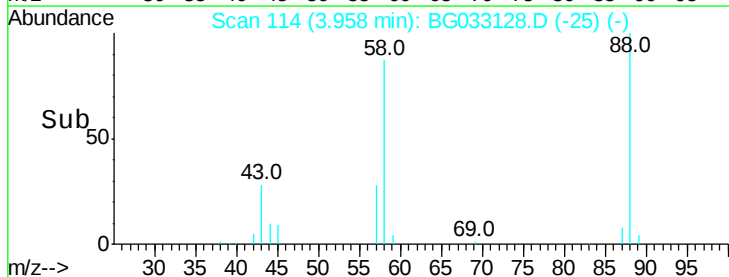
#2

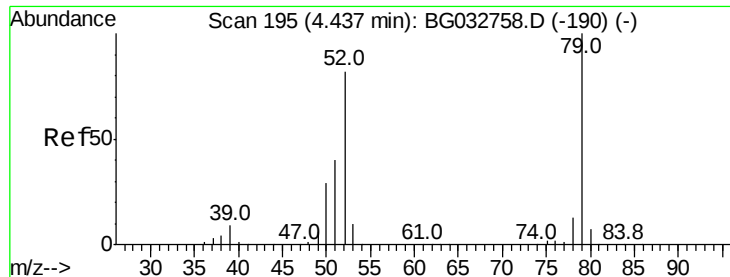
1,4-Dioxane
Concen: 27.344 ng
RT: 3.96 min Scan# 114
Delta R.T. -0.01 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion: 88 Resp: 35280
Ion Ratio Lower Upper
88 100
58 96.1 79.6 119.4
43 36.5 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: 28.633 ng

RT: 4.43 min Scan# 195

Delta R.T. 0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

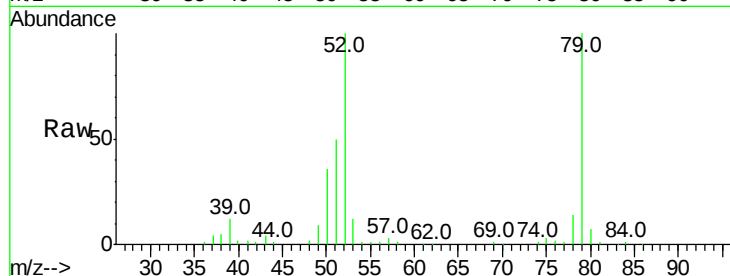
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 101825

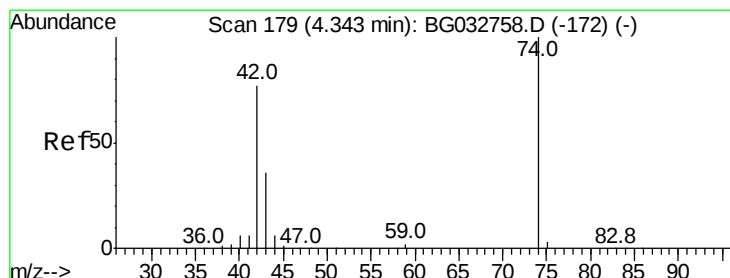
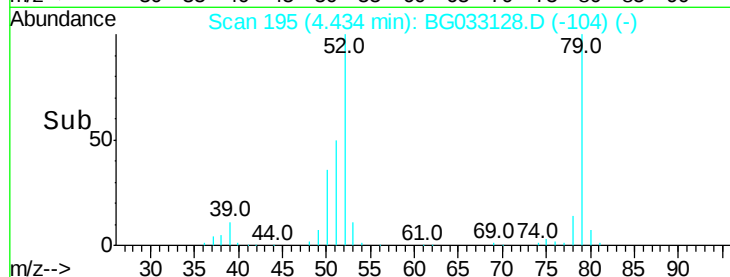
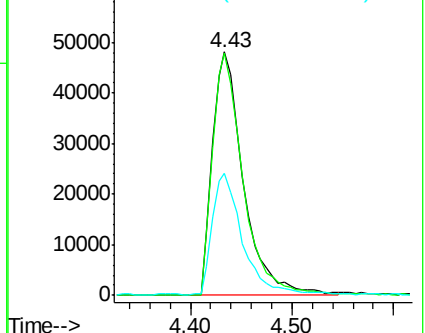
Ion	Ratio	Lower	Upper
79	100		
52	99.8	69.9	104.9
51	50.2	34.0	51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 43.040 ng

RT: 4.33 min Scan# 177

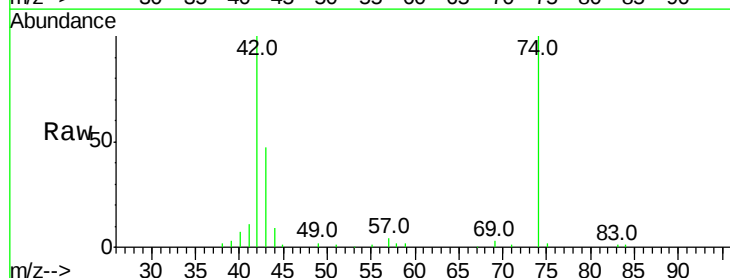
Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Tgt Ion: 42 Resp: 61365

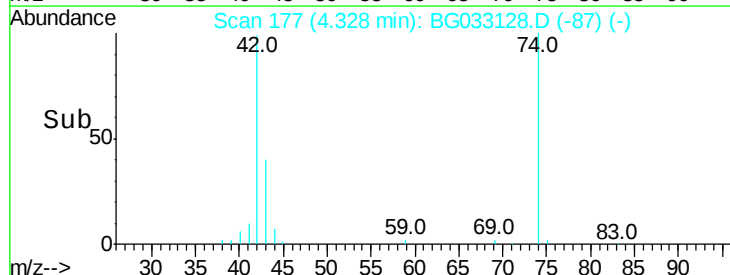
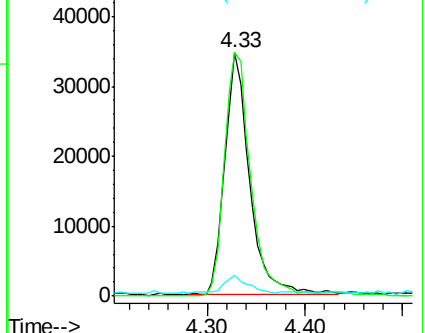
Ion	Ratio	Lower	Upper
42	100		
74	100.2	102.5	153.7#
44	8.6	18.9	28.3#

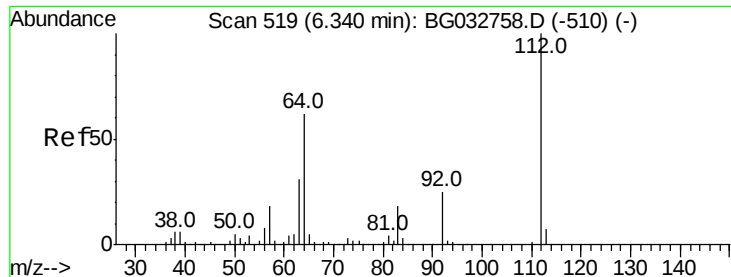


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 80.480 ng

RT: 6.34 min Scan# 519

Delta R.T. 0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

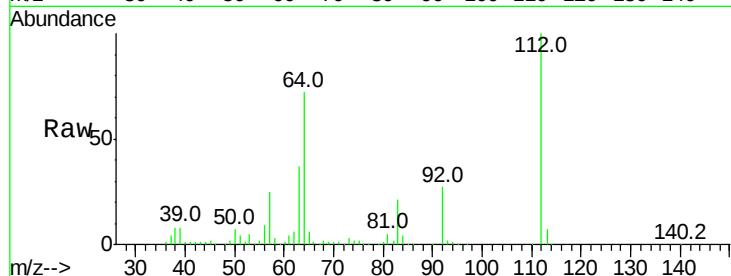
Tot Ion:112 Resp: 239264

Ion Ratio Lower Upper

112 100

64 72.4 56.3 84.5

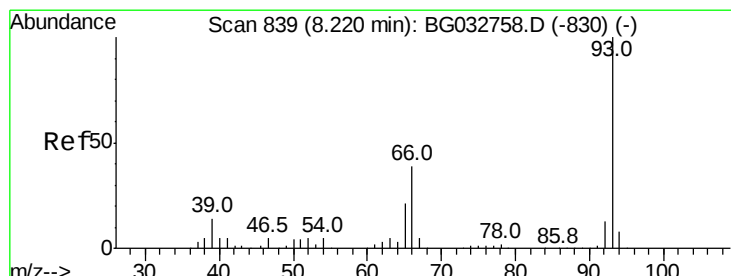
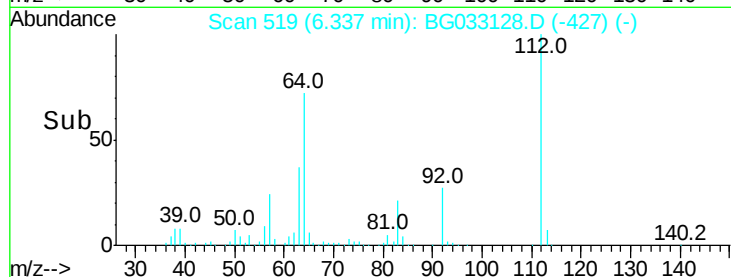
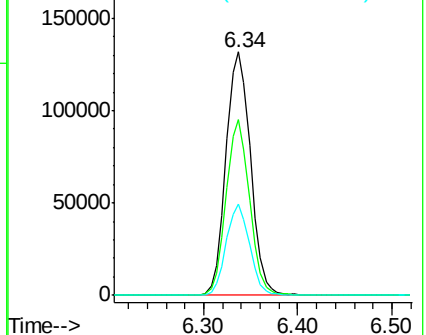
63 37.3 30.1 45.1



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: 12.740 ng

RT: 8.20 min Scan# 837

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

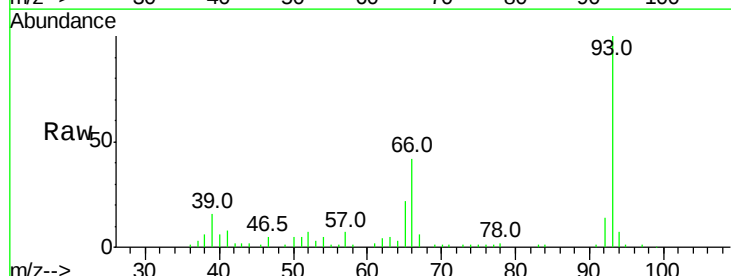
Tgt Ion: 93 Resp: 71464

Ion Ratio Lower Upper

93 100

66 41.8 33.7 50.5

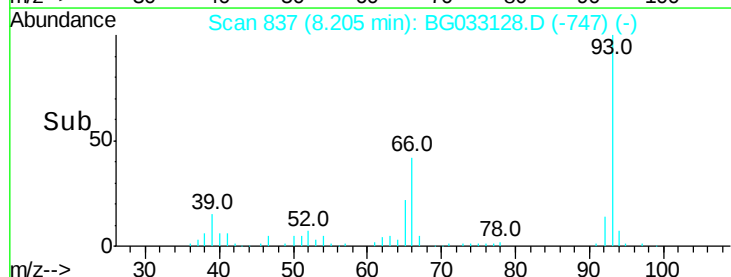
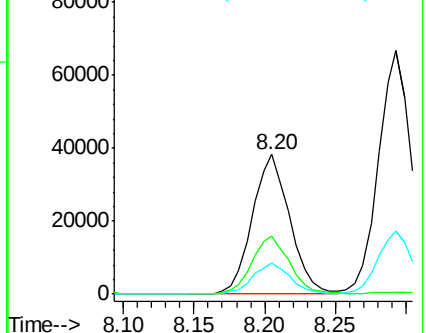
65 22.5 16.1 24.1

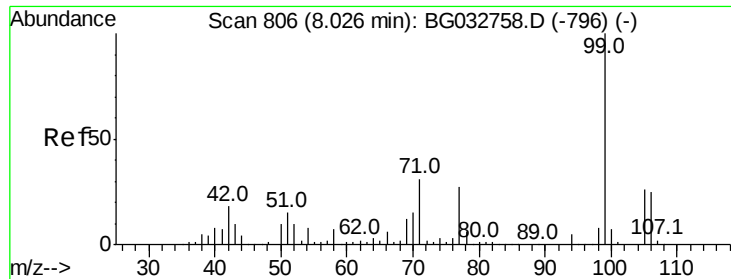


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 75.909 ng

RT: 8.02 min Scan# 806

Delta R.T. 0.02 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampled :

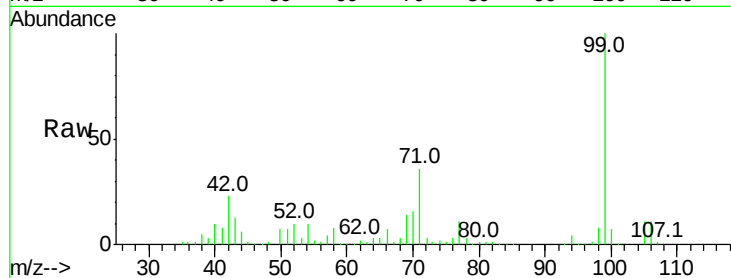
Tot Ion: 99 Resp: 314558

Ion Ratio Lower Upper

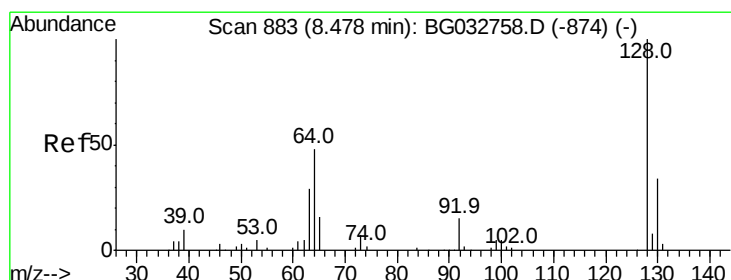
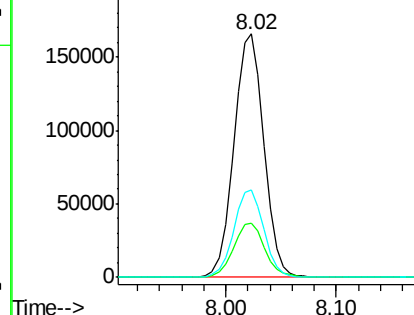
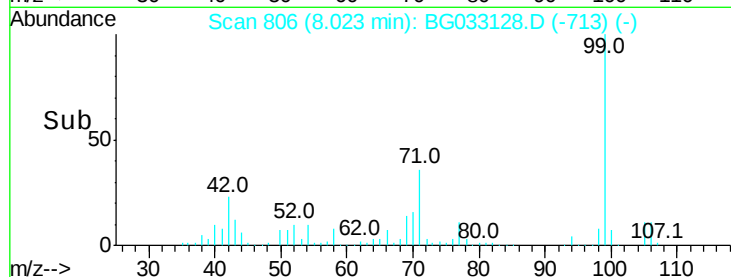
99 100

42 22.5 14.1 21.1#

71 36.1 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: 39.011 ng

RT: 8.46 min Scan# 881

Delta R.T. 0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

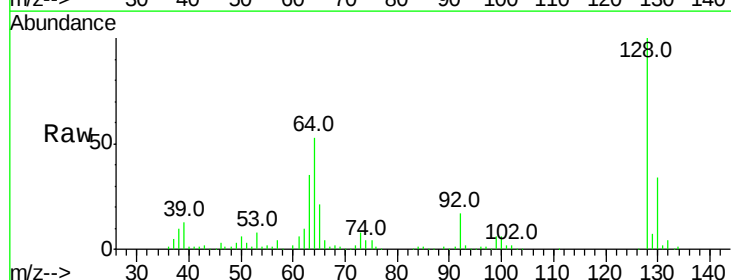
Tgt Ion:128 Resp: 126944

Ion Ratio Lower Upper

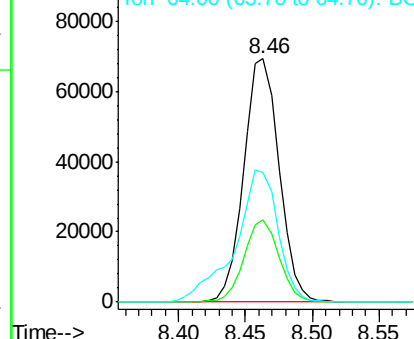
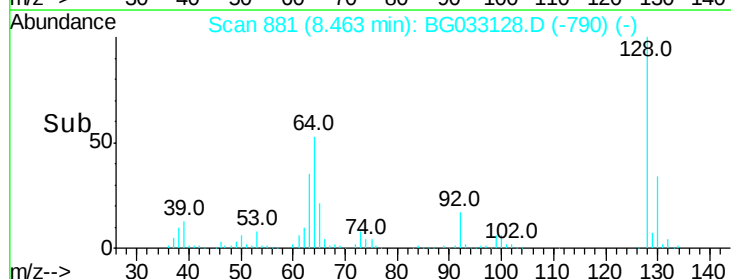
128 100

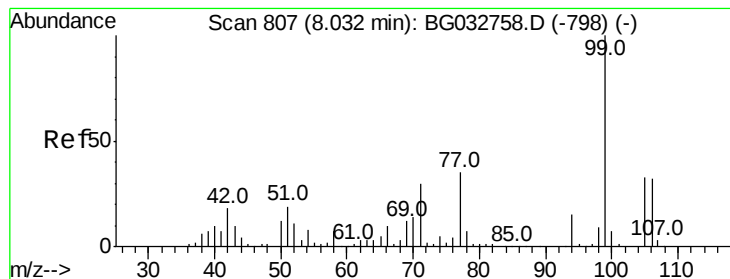
130 33.8 14.0 54.0

64 53.2 37.7 77.7



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





#9

Benzaldehyde

Concen: 22.911 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

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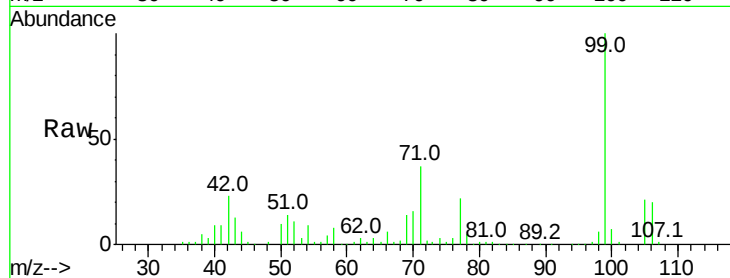
Tot Ion: 77 Resp: 54719

Ion Ratio Lower Upper

77 100

105 94.7 71.3 111.3

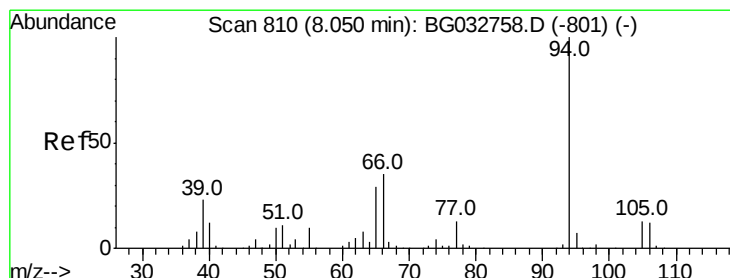
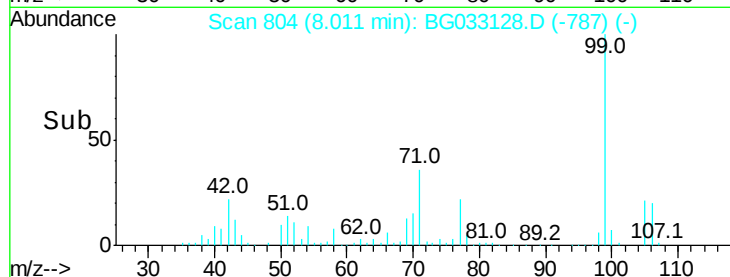
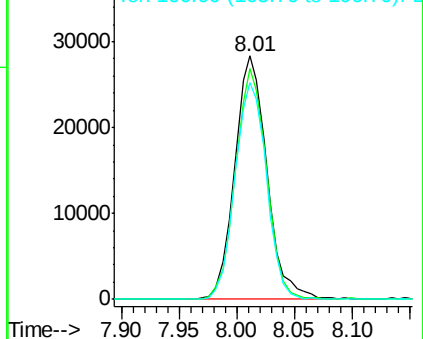
106 89.0 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 37.905 ng

RT: 8.05 min Scan# 811

Delta R.T. 0.02 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

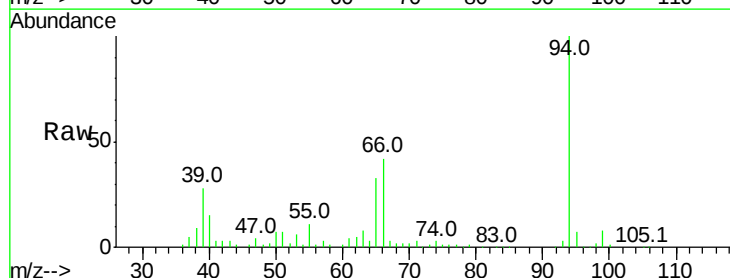
Tgt Ion: 94 Resp: 158341

Ion Ratio Lower Upper

94 100

65 33.1 11.9 51.9

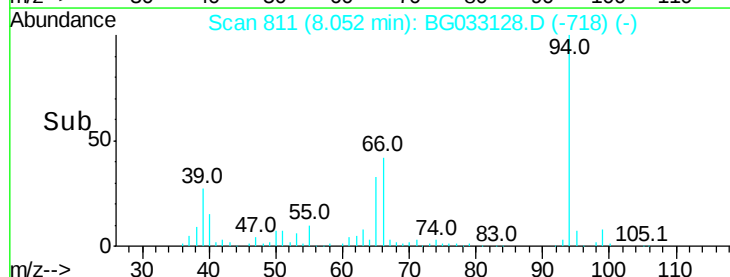
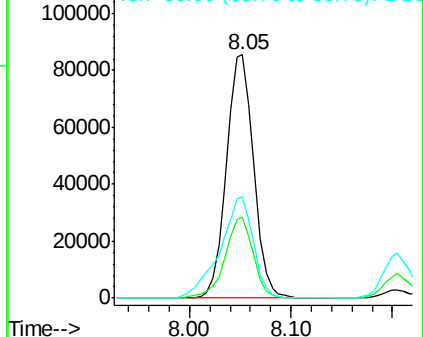
66 41.8 22.2 62.2

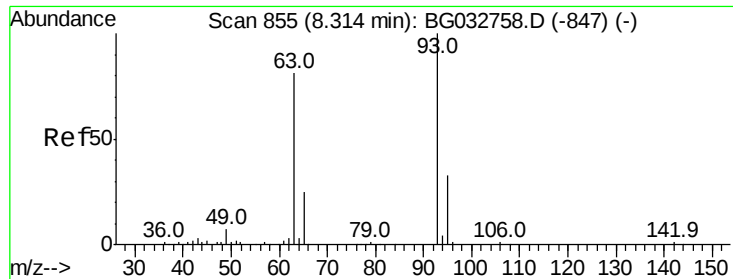


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 31.879 ng

RT: 8.29 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

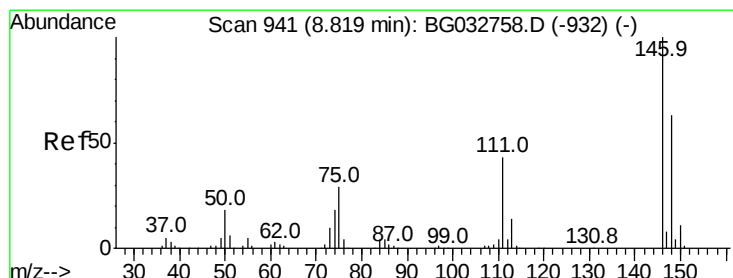
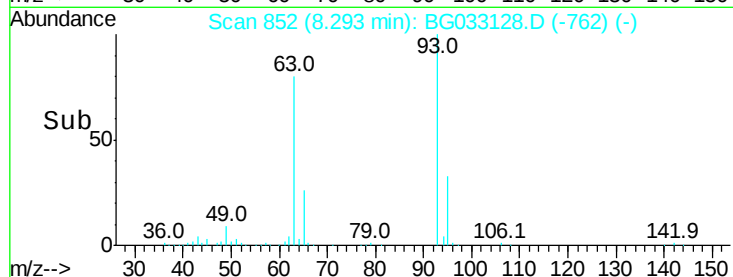
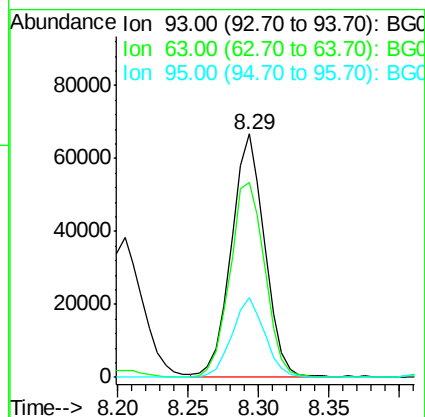
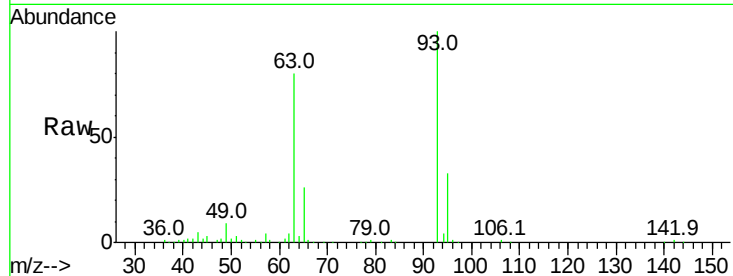
Tot Ion: 93 Resp: 108892

Ion Ratio Lower Upper

93 100

63 80.2 67.1 107.1

95 32.8 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 32.103 ng

RT: 8.80 min Scan# 938

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

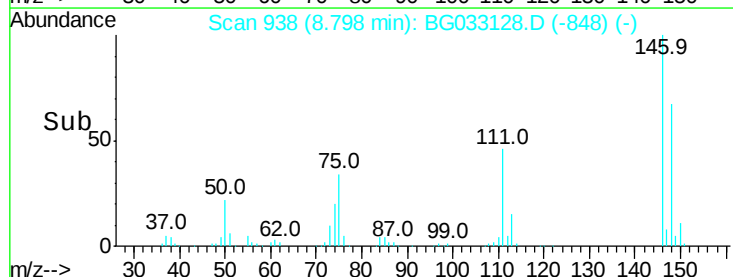
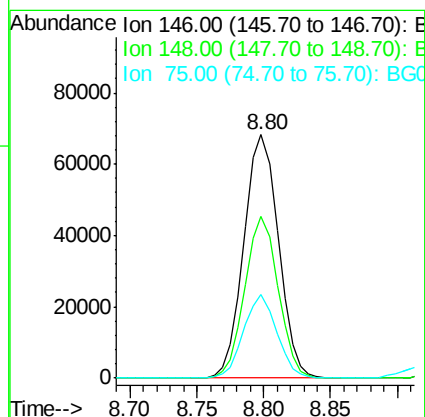
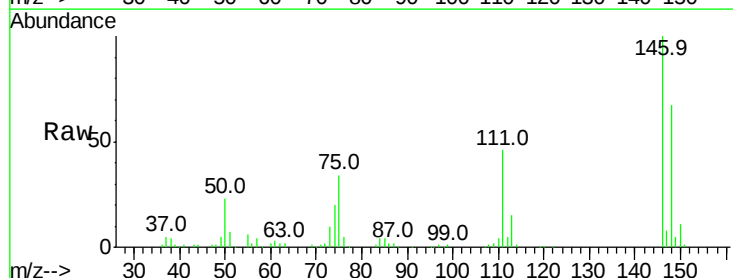
Tgt Ion:146 Resp: 122358

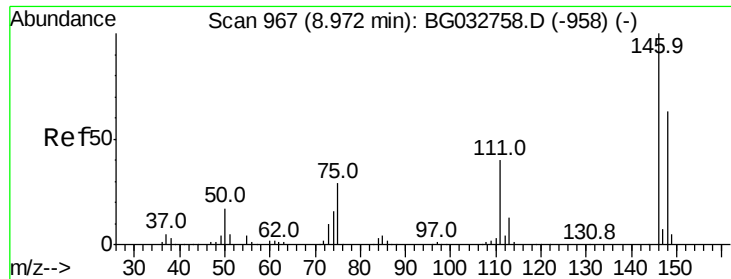
Ion Ratio Lower Upper

146 100

148 66.5 51.4 77.2

75 34.3 26.6 39.8

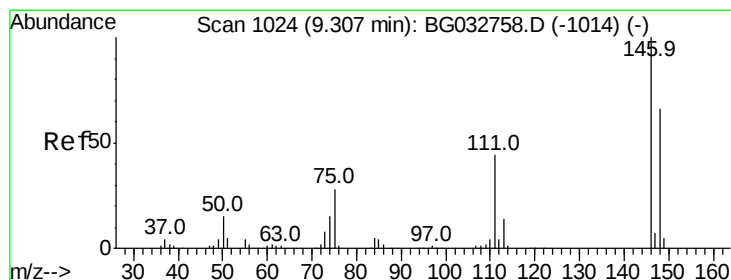
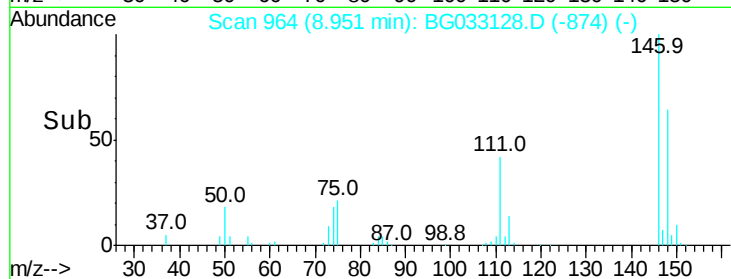
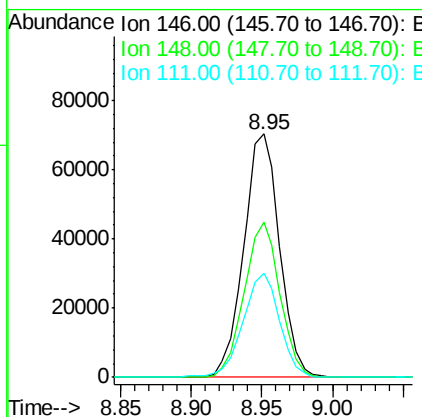
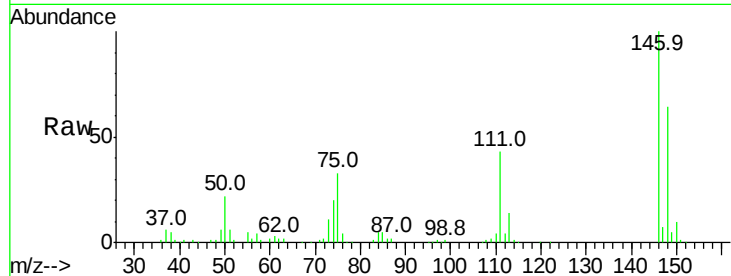




#13
 1,4-Dichlorobenzene
 Concen: 32.530 ng
 RT: 8.95 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BG033128.D
 Acq: 13 Mar 2018 20:50

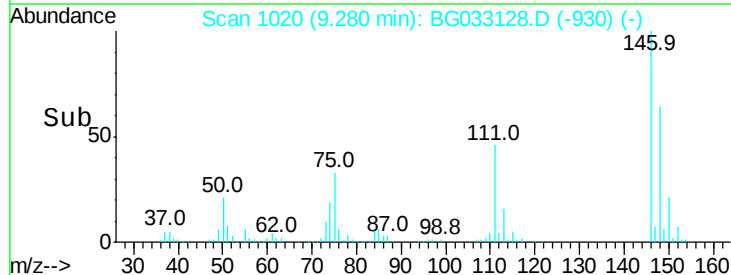
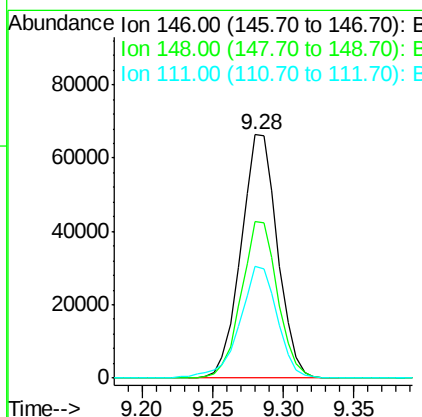
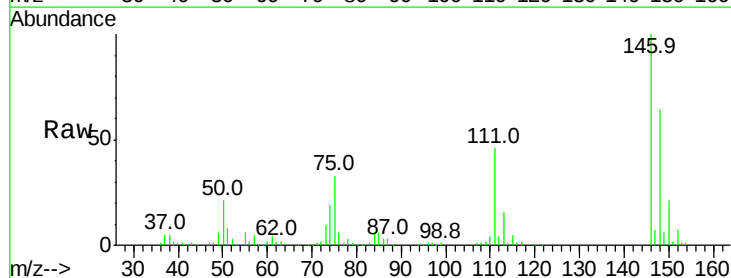
Instrument :
 BNA_G
 ClientSampleId :

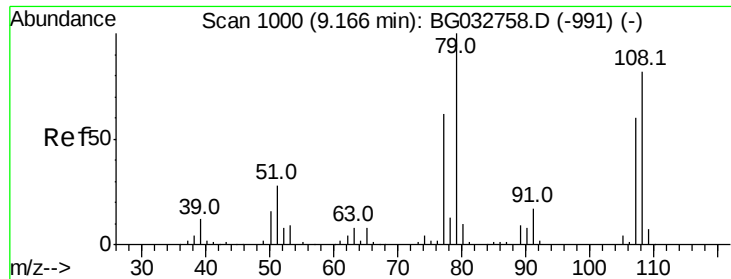
Tot Ion:146 Resp: 124801
 Ion Ratio Lower Upper
 146 100
 148 63.9 53.7 80.5
 111 42.8 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 32.574 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BG033128.D
 Acq: 13 Mar 2018 20:50

Tgt Ion:146 Resp: 119754
 Ion Ratio Lower Upper
 146 100
 148 64.3 49.3 73.9
 111 45.9 34.3 51.5





#15

Benzyl Alcohol

Concen: 37.120 ng

RT: 9.15 min Scan# 998

Delta R.T. 0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

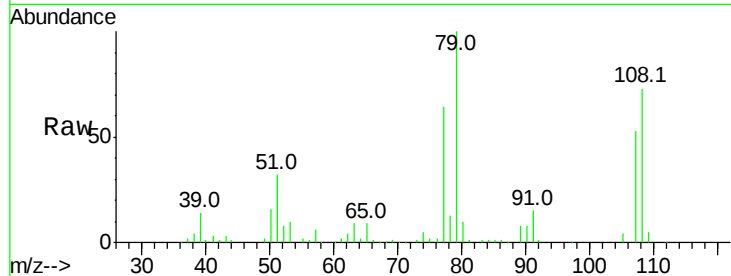
Tot Ion: 79 Resp: 113083

Ion Ratio Lower Upper

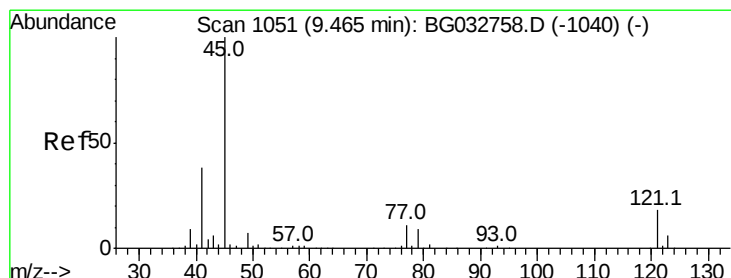
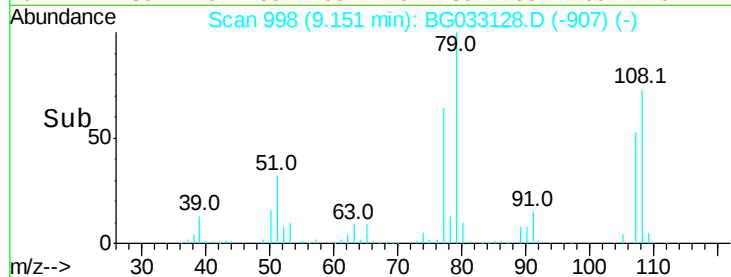
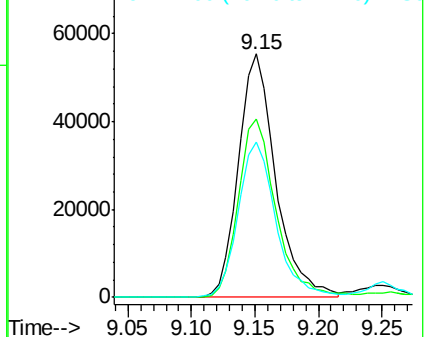
79 100

108 73.4 57.2 85.8

77 64.0 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.282 ng

RT: 9.44 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

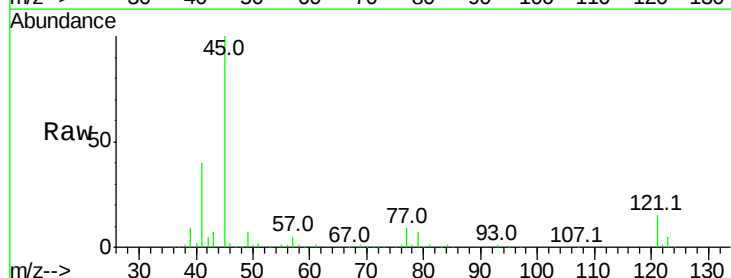
Tgt Ion: 45 Resp: 218918

Ion Ratio Lower Upper

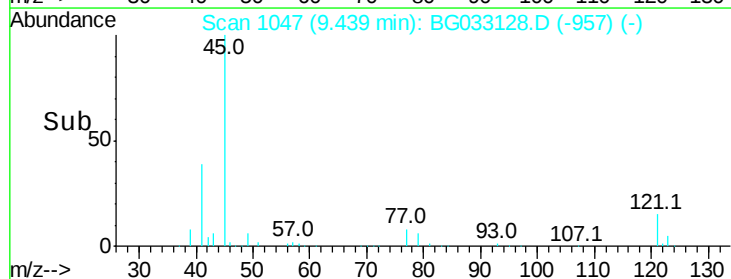
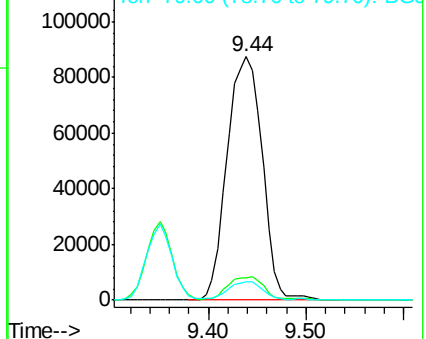
45 100

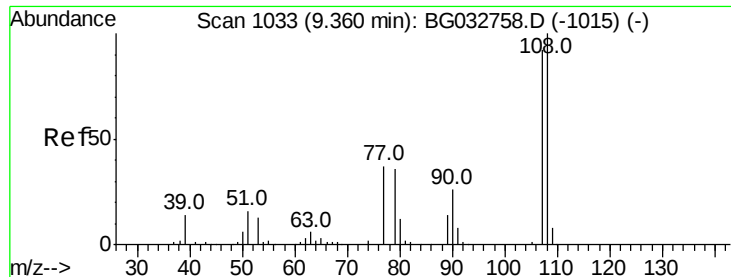
77 9.3 0.0 30.2

79 7.3 0.0 27.9



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

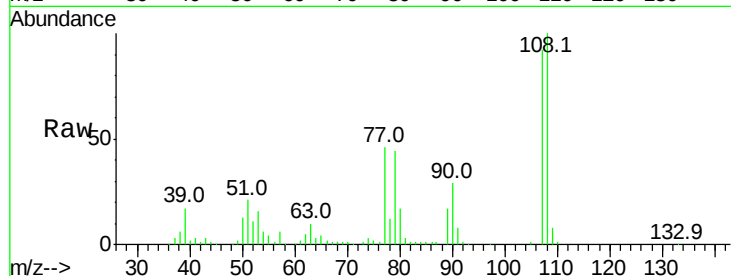




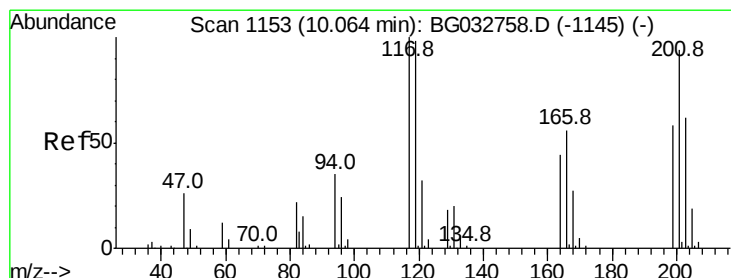
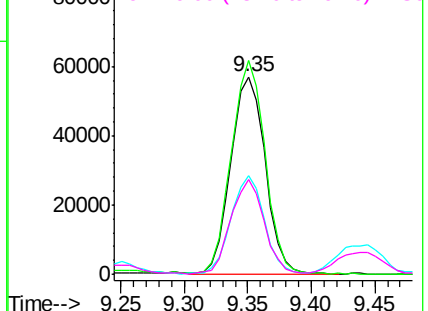
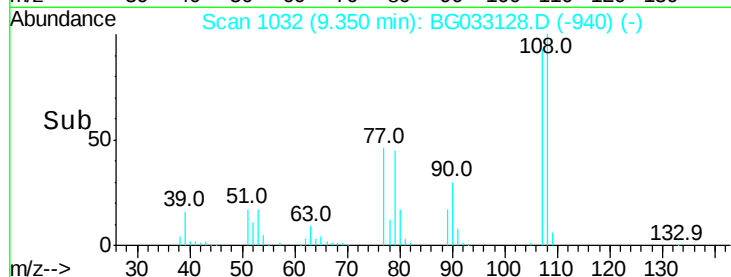
#17
 2-Methylphenol
 Concen: 34.431 ng
 RT: 9.35 min Scan# 1032
 Delta R.T. 0.01 min
 Lab File: BG033128.D
 Acq: 13 Mar 2018 20:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	107	Resp:	106059
Ion	Ratio	Lower	Upper
107	100		
108	108.2	83.9	125.9
77	49.7	37.2	55.8
79	48.1	36.2	54.2

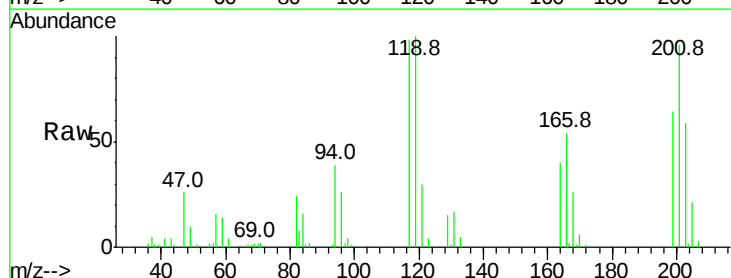


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BG
 Ion 79.00 (78.70 to 79.70): BG

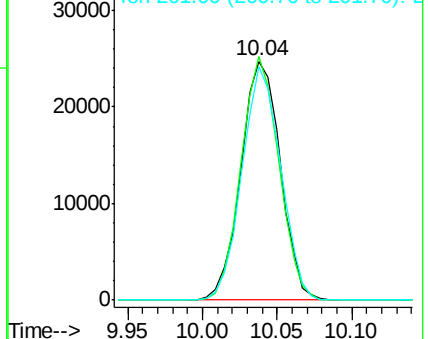
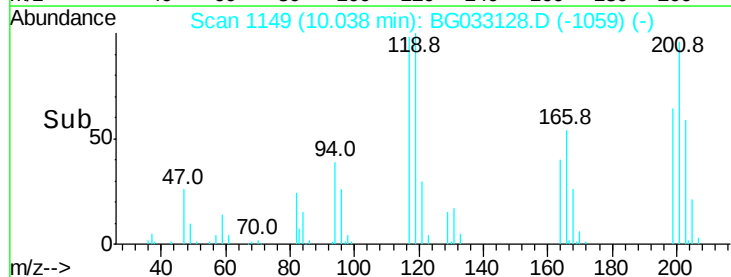


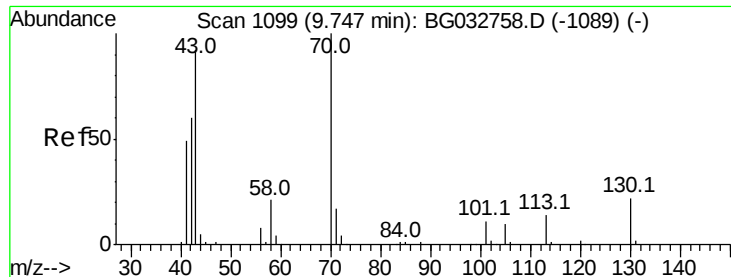
#18
 Hexachloroethane
 Concen: 34.579 ng
 RT: 10.04 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BG033128.D
 Acq: 13 Mar 2018 20:50

Tgt Ion:	117	Resp:	45169
Ion	Ratio	Lower	Upper
117	100		
119	102.1	76.7	115.1
201	97.7	95.7	143.5



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

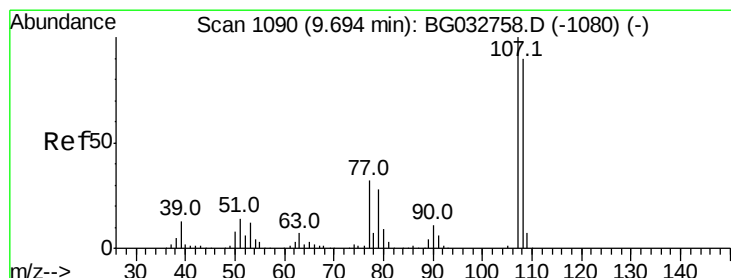
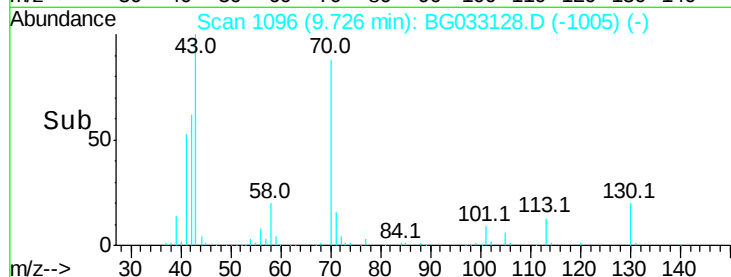
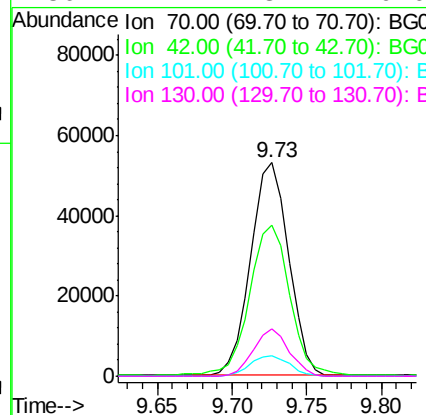
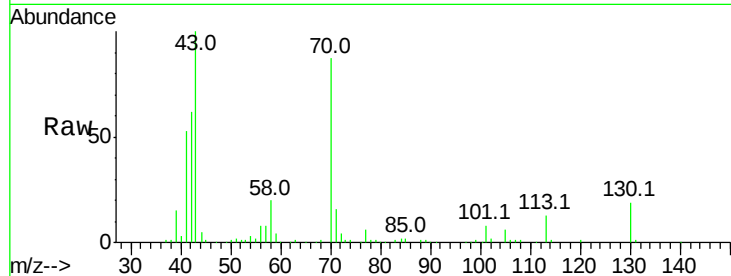




#19
n-Nitroso-di-n-propylamine
Concen: 31.953 ng
RT: 9.73 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

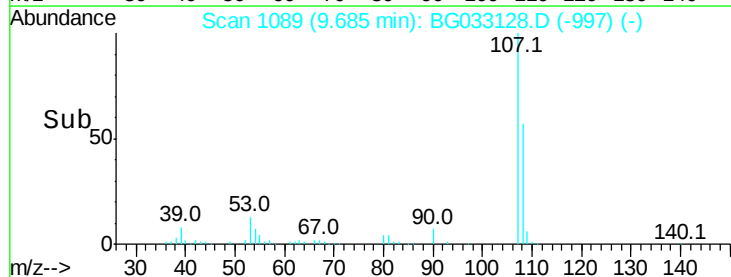
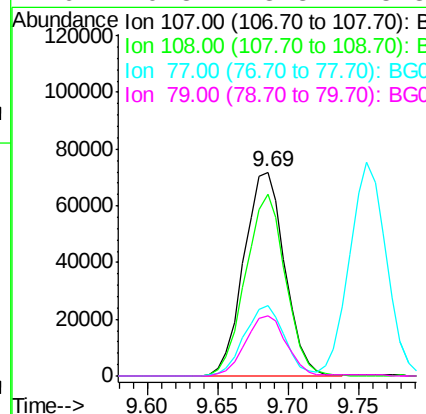
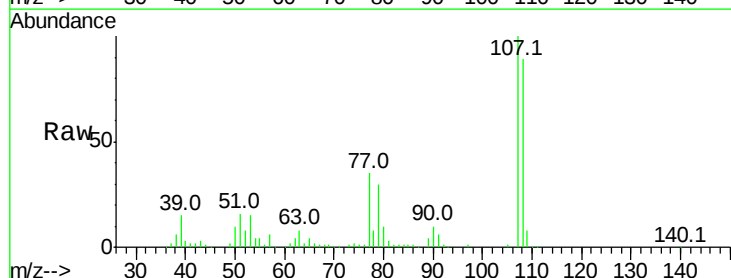
Instrument :
BNA_G
ClientSampleId :

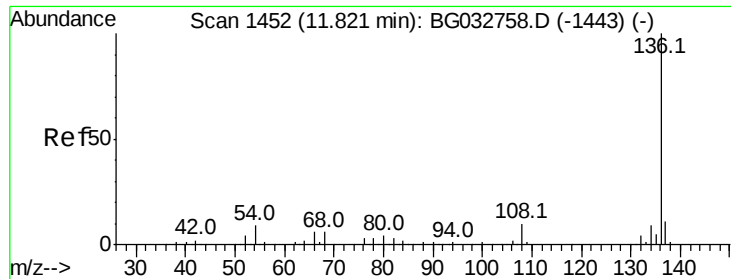
Tot Ion: 70 Resp: 93478
Ion Ratio Lower Upper
70 100
42 70.8 49.1 73.7
101 9.6 8.5 12.7
130 22.2 13.4 20.0#



#20
3+4-Methylphenols
Concen: 34.021 ng
RT: 9.69 min Scan# 1089
Delta R.T. 0.01 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion: 107 Resp: 145711
Ion Ratio Lower Upper
107 100
108 89.2 61.6 101.6
77 34.8 13.9 53.9
79 29.8 8.8 48.8

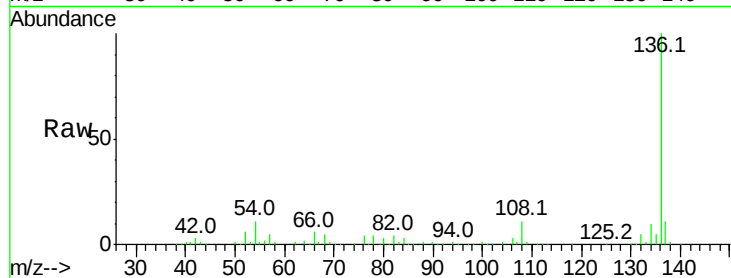




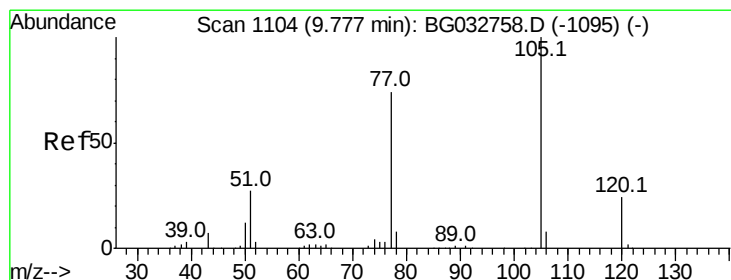
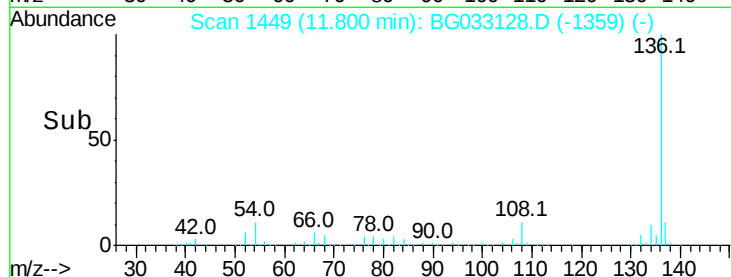
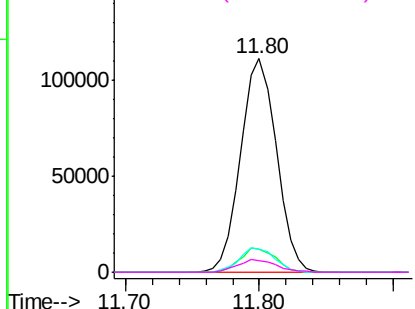
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	206098
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	10.7	10.3	15.5
68	5.3	4.5	6.7

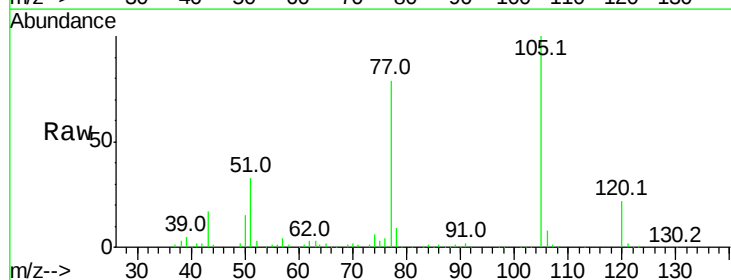


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

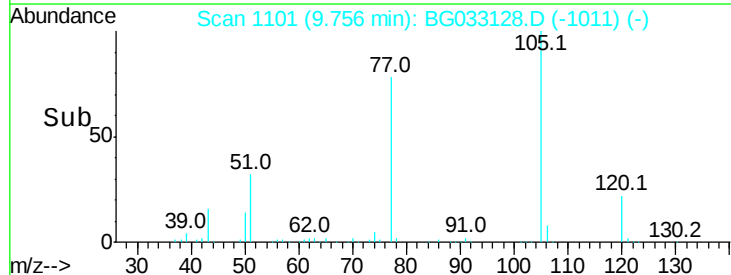
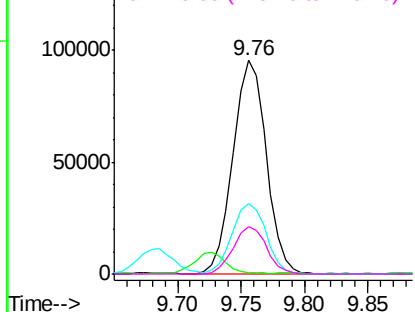


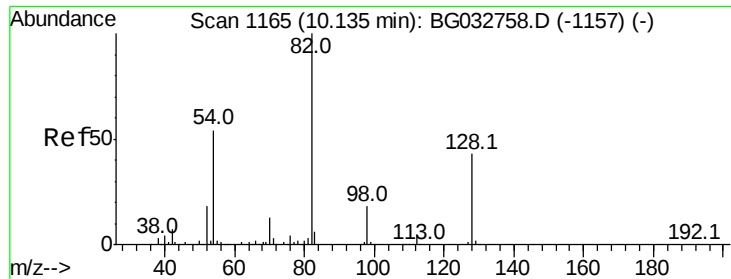
#22
Acetophenone
Concen: 33.353 ng
RT: 9.76 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion:	105	Resp:	173602
Ion	Ratio	Lower	Upper
105	100		
71	0.7	3.0	4.4#
51	33.0	26.1	39.1
120	22.1	17.4	26.2



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

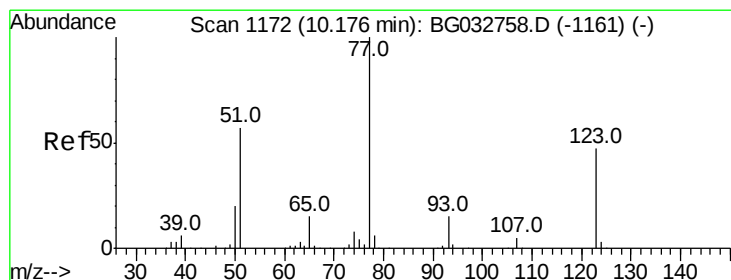
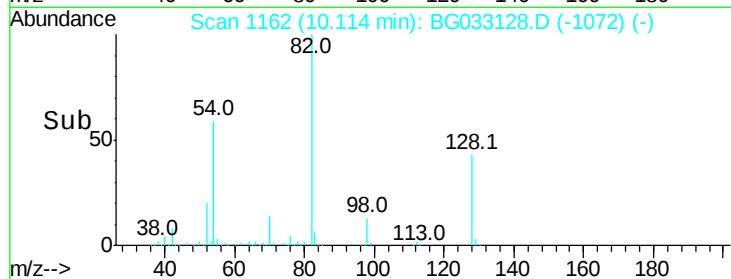
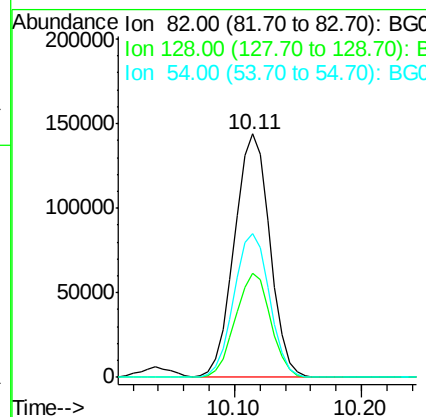
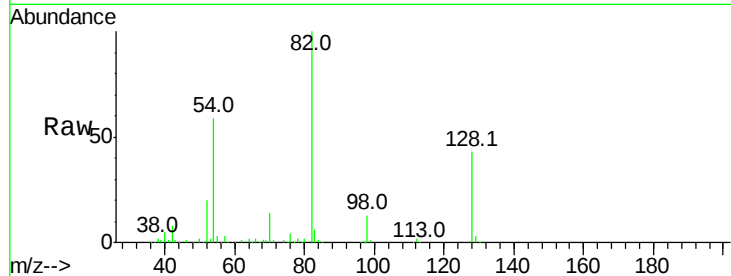




#23
 Nitrobenzene-d5
 Concen: 92.312 ng
 RT: 10.11 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BG033128.D
 Acq: 13 Mar 2018 20:50

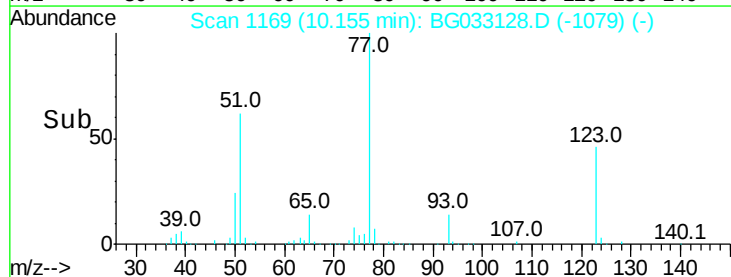
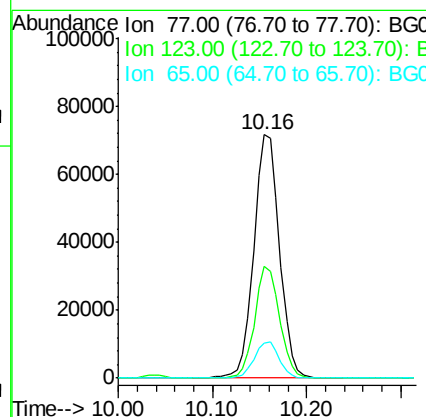
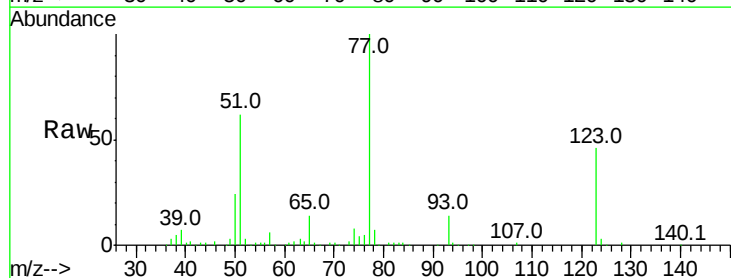
Instrument :
 BNA_G
 ClientSampled :

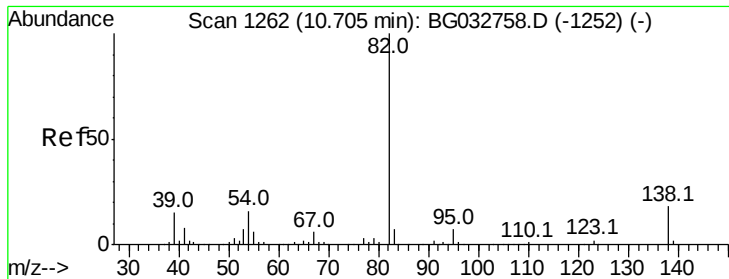
Tot Ion: 82 Resp: 277025
 Ion Ratio Lower Upper
 82 100
 128 42.7 29.7 44.5
 54 59.1 43.1 64.7



#24
 Nitrobenzene
 Concen: 42.060 ng
 RT: 10.16 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BG033128.D
 Acq: 13 Mar 2018 20:50

Tgt Ion: 77 Resp: 135246
 Ion Ratio Lower Upper
 77 100
 123 45.9 33.0 49.6
 65 14.3 13.0 19.6





#25

Isophorone

Concen: 34.657 ng

RT: 10.68 min Scan# 1259

Delta R.T. 0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

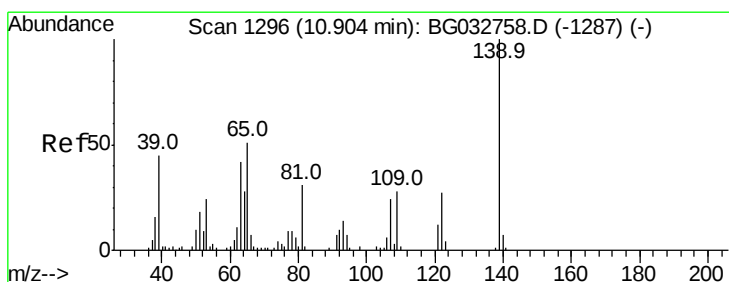
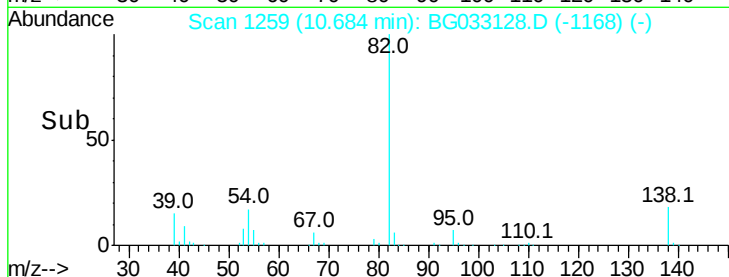
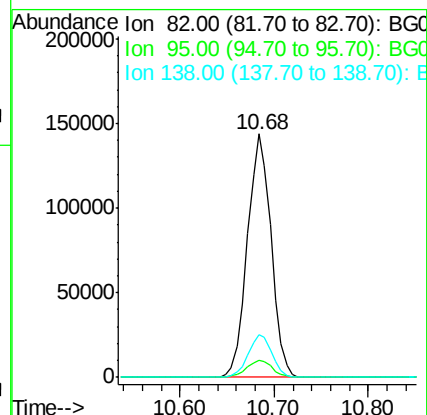
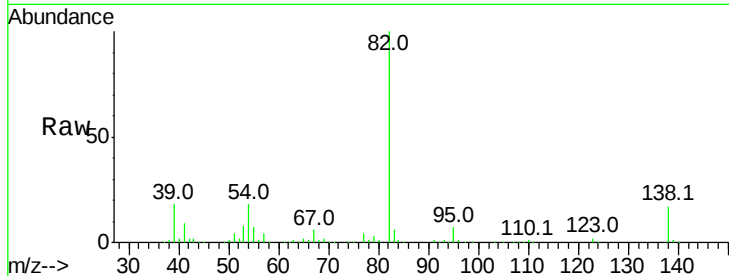
Tot Ion: 82 Resp: 250704

Ion Ratio Lower Upper

82 100

95 6.8 6.2 9.2

138 17.4 12.1 18.1



#26

2-Nitrophenol

Concen: 54.360 ng

RT: 10.88 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

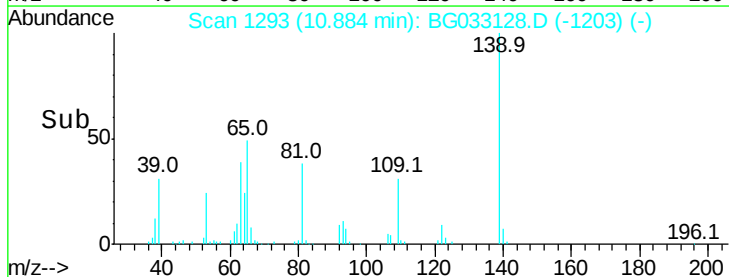
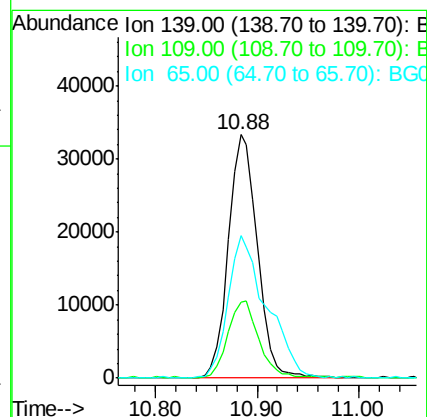
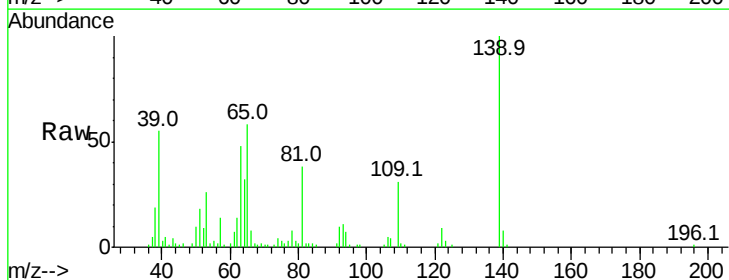
Tgt Ion: 139 Resp: 66101

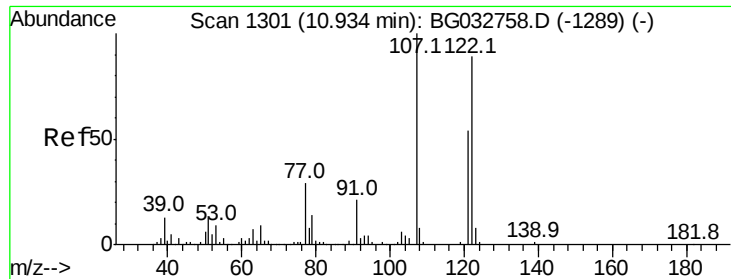
Ion Ratio Lower Upper

139 100

109 31.4 24.2 36.2

65 58.5 47.4 71.0

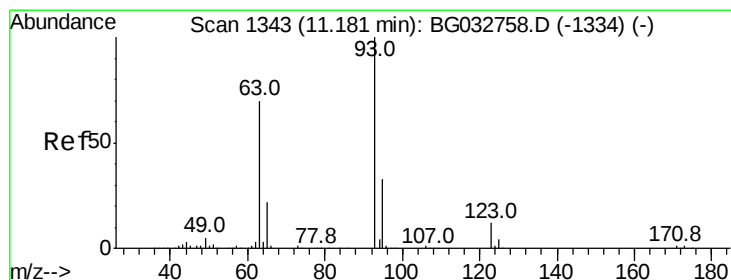
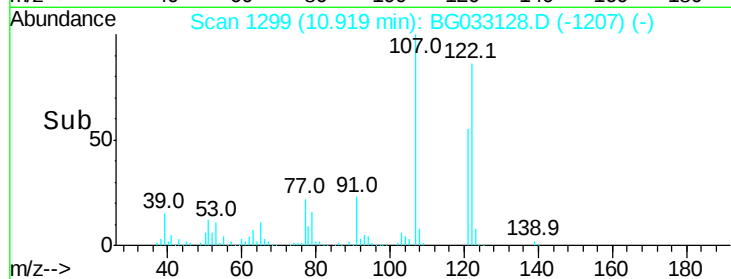
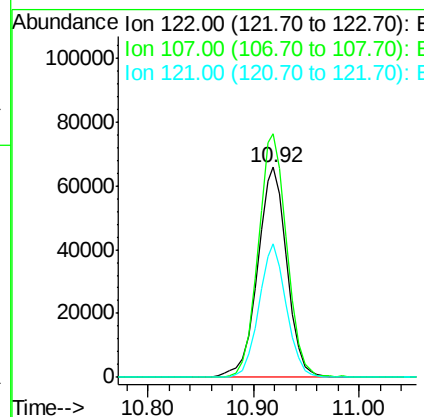
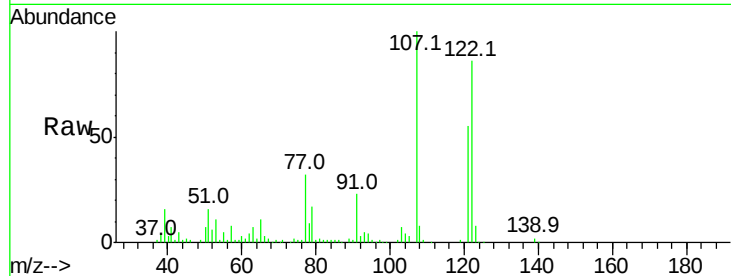




#27
 2,4-Dimethylphenol
 Concen: 40.404 ng
 RT: 10.92 min Scan# 1299
 Delta R.T. 0.01 min
 Lab File: BG033128.D
 Acq: 13 Mar 2018 20:50

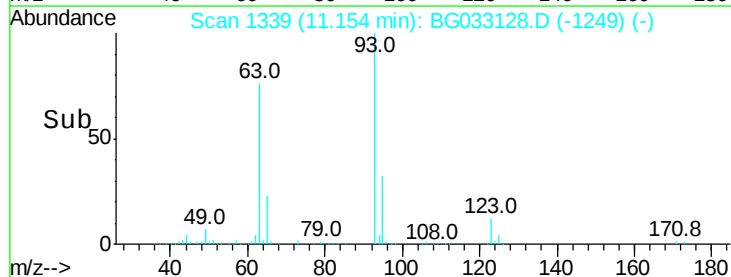
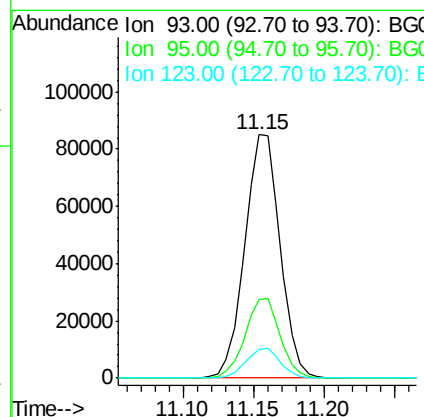
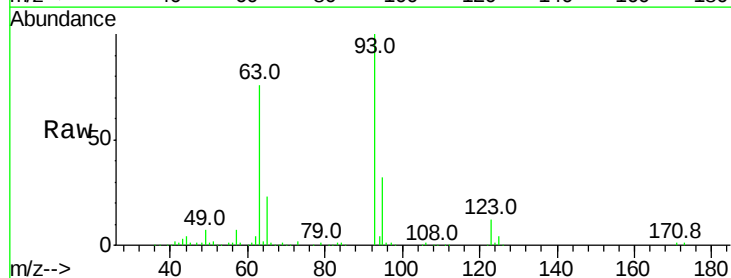
Instrument :
 BNA_G
 ClientSampleId :

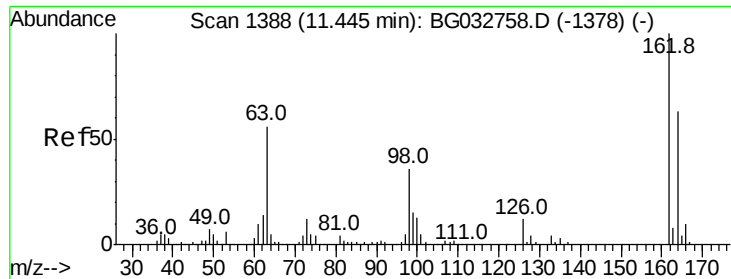
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.1	100.2	150.2
121	63.5	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.356 ng
 RT: 11.15 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BG033128.D
 Acq: 13 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	24.3	36.5
123	11.9	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 39.651 ng

RT: 11.42 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

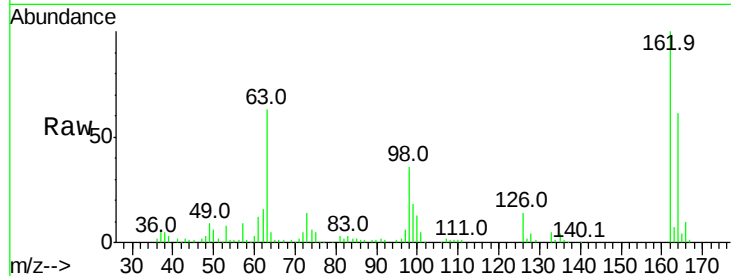
Tot Ion:162 Resp: 113090

Ion Ratio Lower Upper

162 100

164 60.8 48.0 88.0

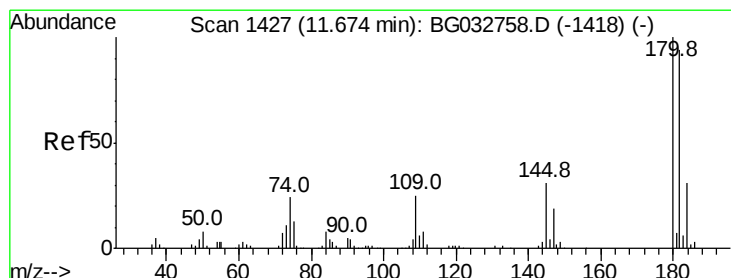
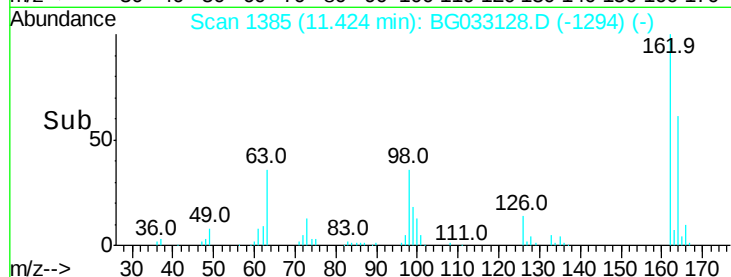
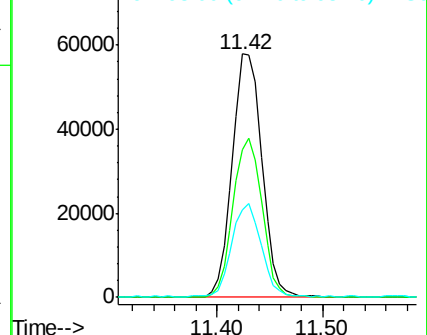
98 36.0 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 34.092 ng

RT: 11.65 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

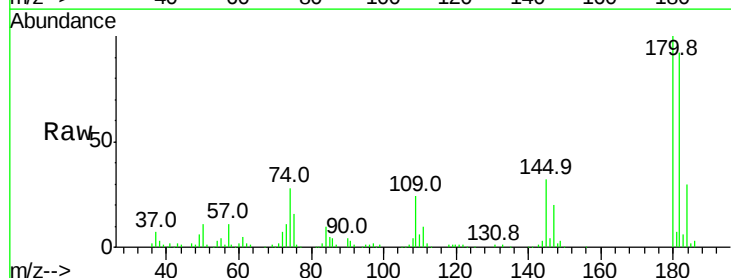
Tgt Ion:180 Resp: 113979

Ion Ratio Lower Upper

180 100

182 92.4 77.5 116.3

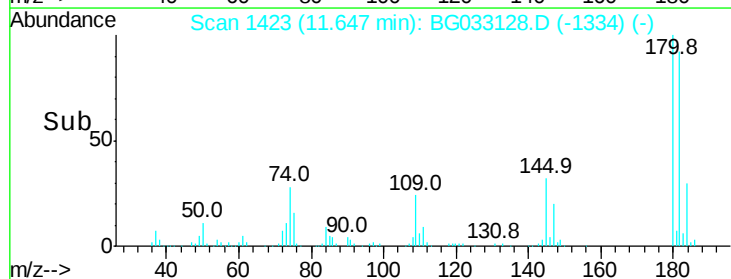
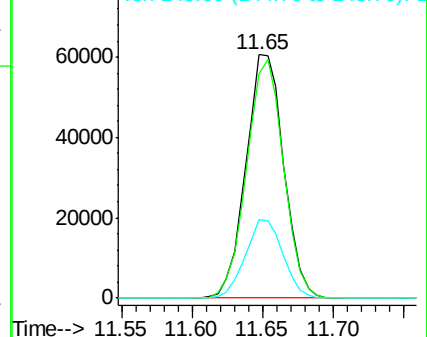
145 32.1 23.4 35.2

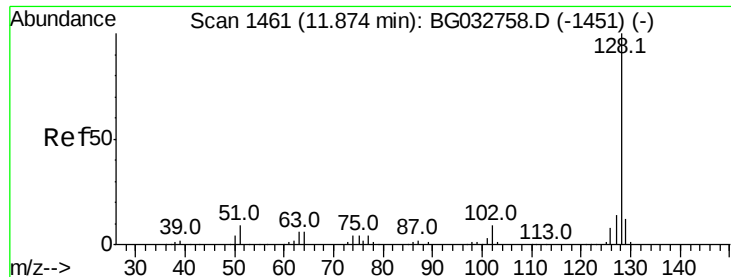


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

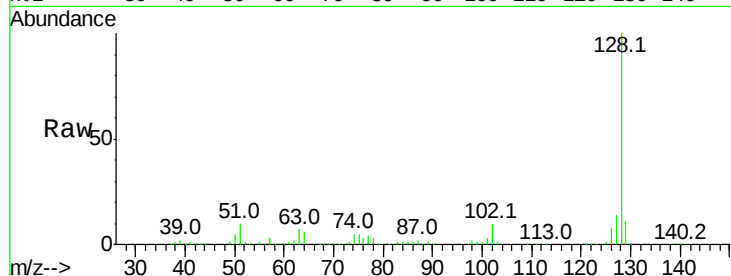




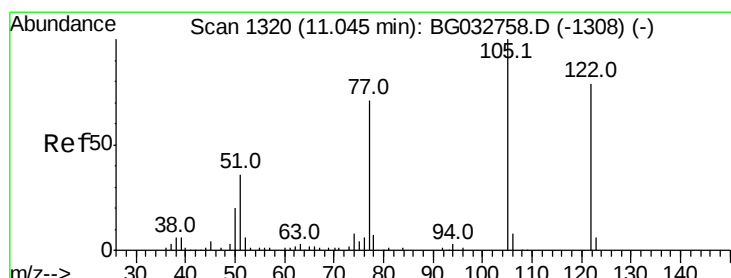
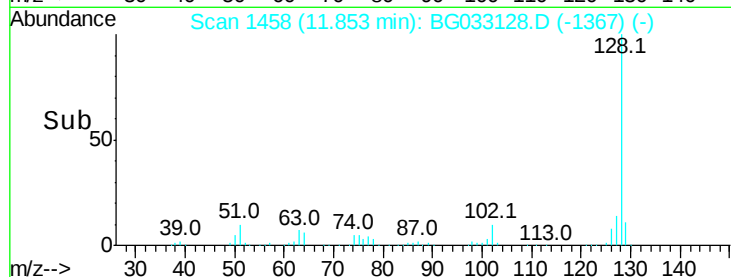
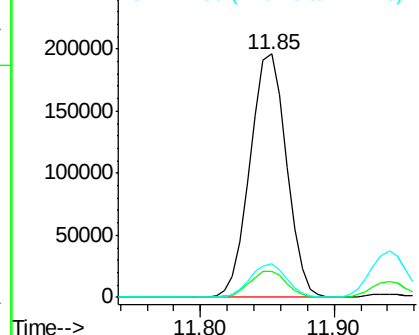
#31
Naphthalene
Concen: 34.298 ng
RT: 11.85 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 369367
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 14.0 11.6 17.4

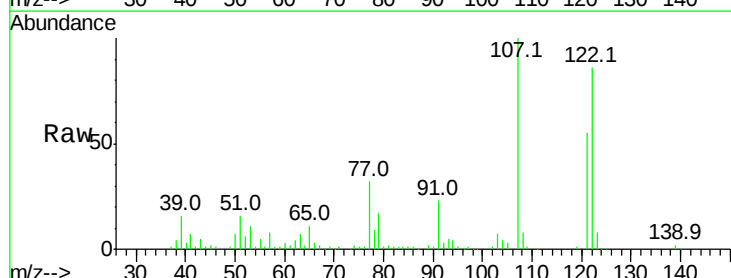


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

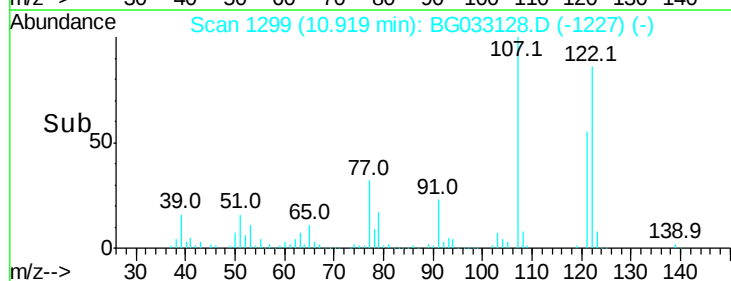
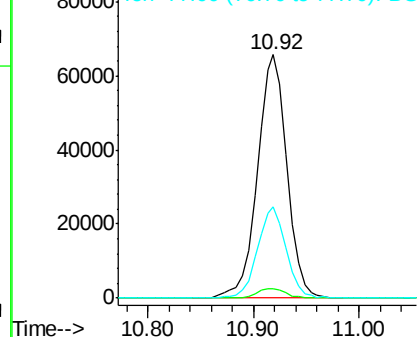


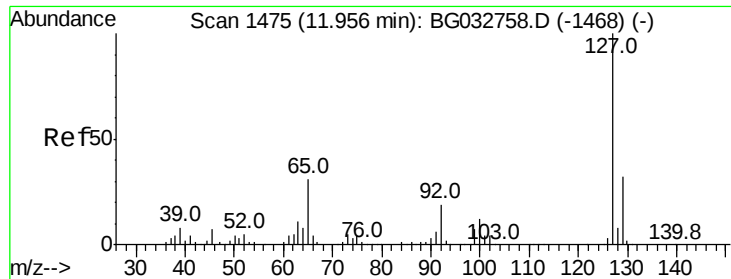
#32
Benzoic acid
Concen: 58.914 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.11 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion:122 Resp: 126969
Ion Ratio Lower Upper
122 100
105 3.6 123.5 163.5#
77 37.5 85.7 125.7#



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

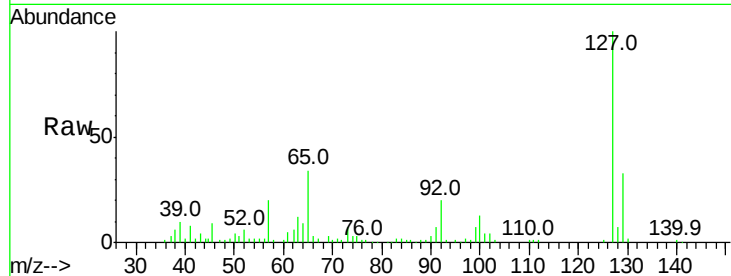




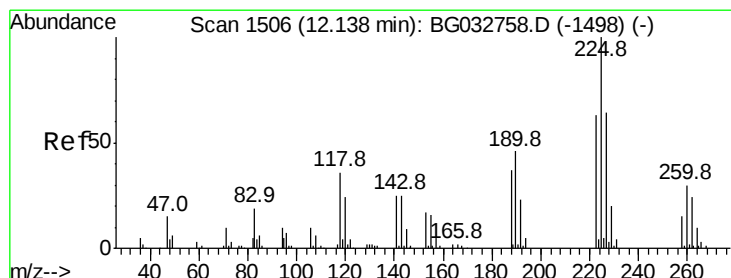
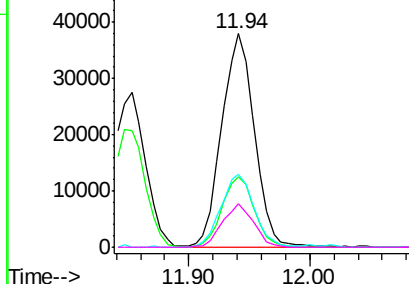
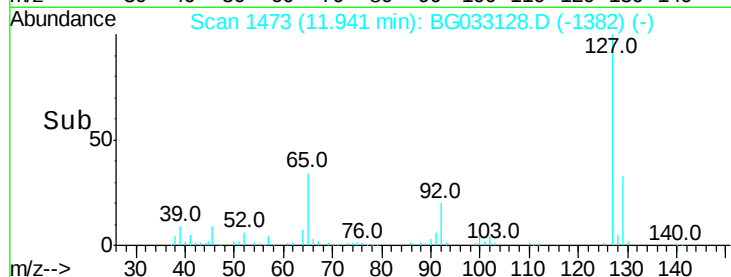
#33
4-Chloroaniline
Concen: 14.787 ng
RT: 11.94 min Scan# 1473
Delta R.T. 0.01 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Instrument :
BNA_G
ClientSampleID :

Tot Ion:	127	Resp:	71205
Ion	Ratio	Lower	Upper
127	100		
129	32.7	24.0	36.0
65	34.4	27.0	40.4
92	20.3	16.6	25.0

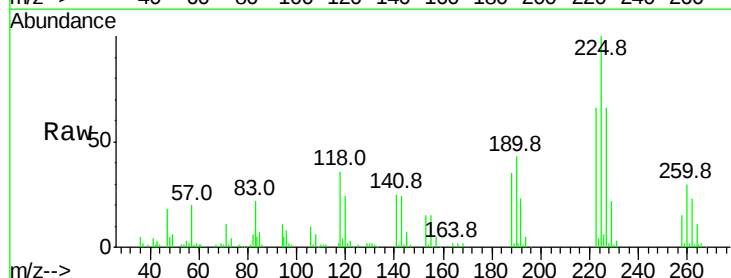


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

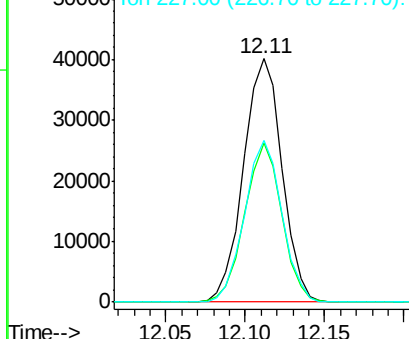
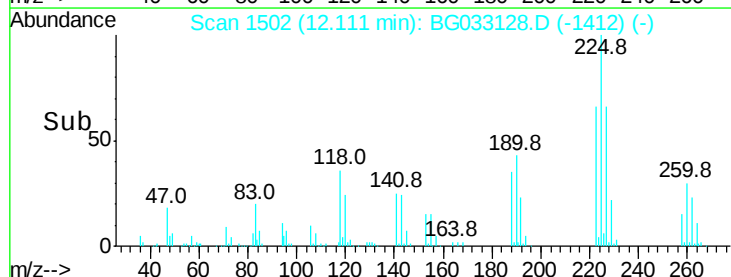


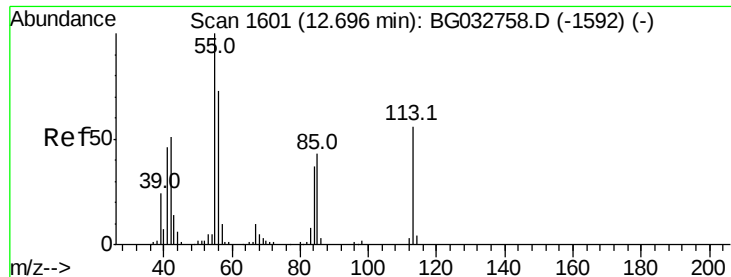
#34
Hexachlorobutadiene
Concen: 36.106 ng
RT: 12.11 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion:	225	Resp:	67709
Ion	Ratio	Lower	Upper
225	100		
223	65.6	49.7	74.5
227	66.2	48.1	72.1



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





#35

Caprolactam

Concen: 35.882 ng

RT: 12.69 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampled :

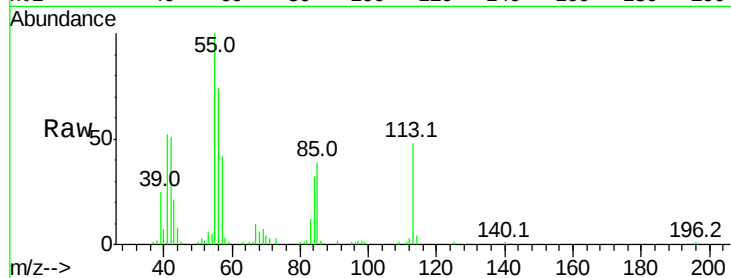
Tot Ion:113 Resp: 40978

Ion Ratio Lower Upper

113 100

55 209.9 186.9 226.9

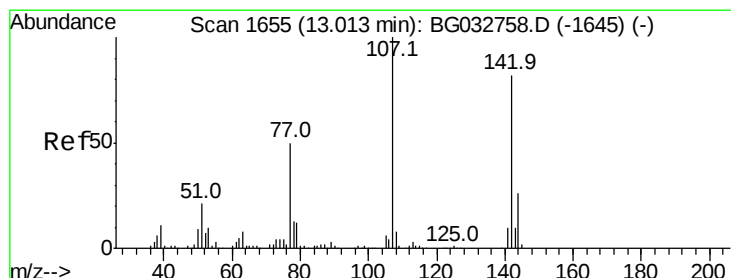
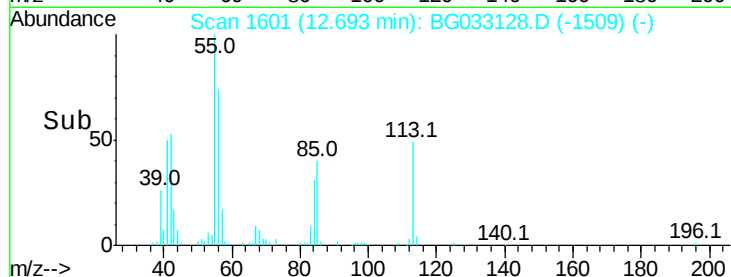
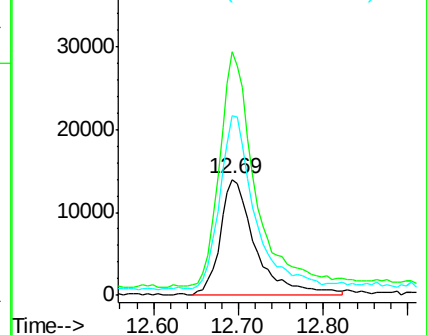
56 155.1 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 39.067 ng

RT: 13.00 min Scan# 1654

Delta R.T. 0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

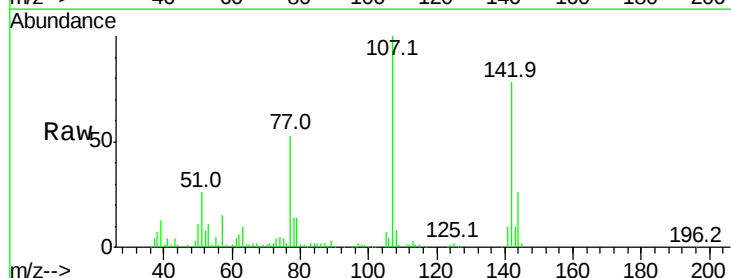
Tgt Ion:107 Resp: 129664

Ion Ratio Lower Upper

107 100

144 26.0 18.2 27.4

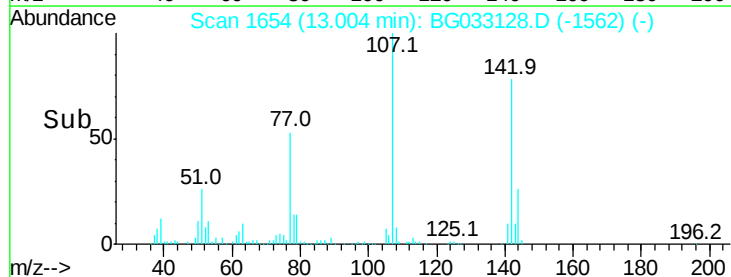
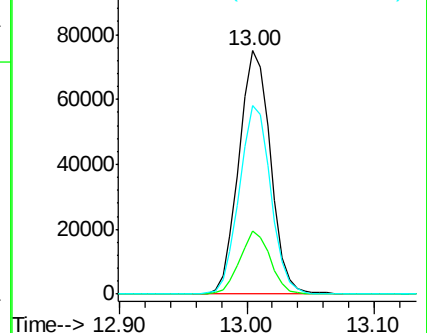
142 77.6 59.0 88.4

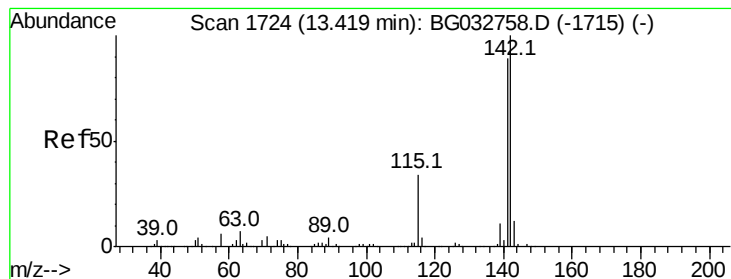


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 33.767 ng

RT: 13.40 min Scan# 1721

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

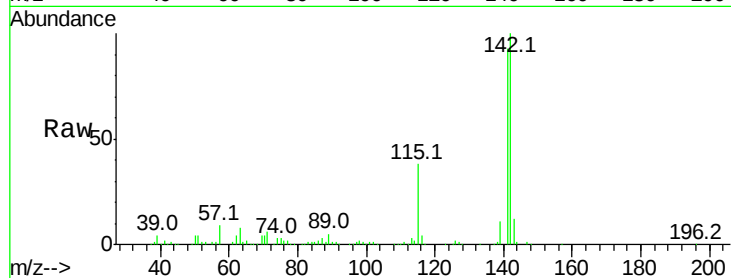
Tot Ion:142 Resp: 263092

Ion Ratio Lower Upper

142 100

141 93.4 67.1 100.7

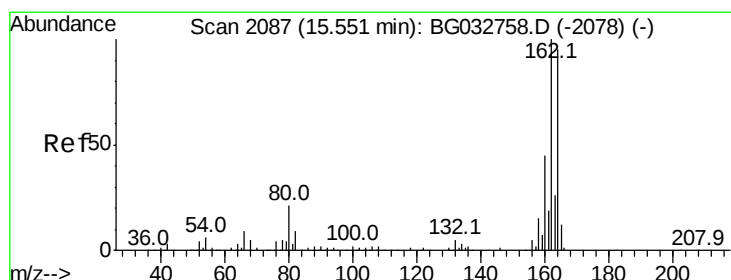
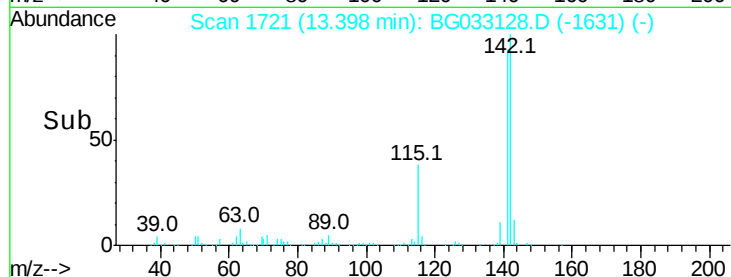
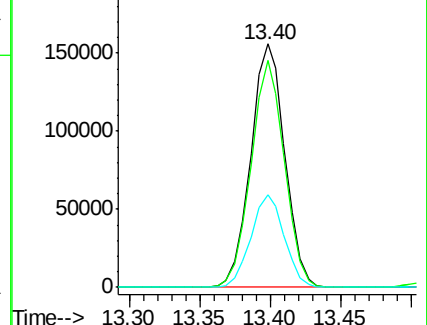
115 38.0 30.7 46.1



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: 15.53 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

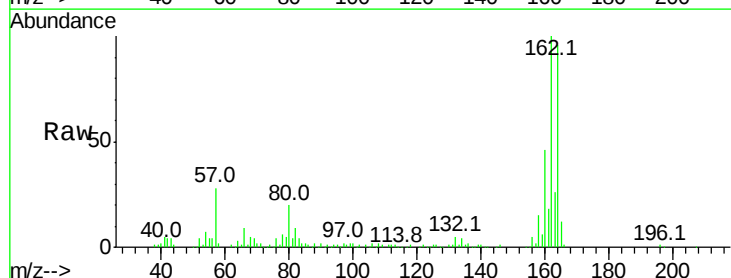
Tgt Ion:164 Resp: 111467

Ion Ratio Lower Upper

164 100

162 104.1 78.8 118.2

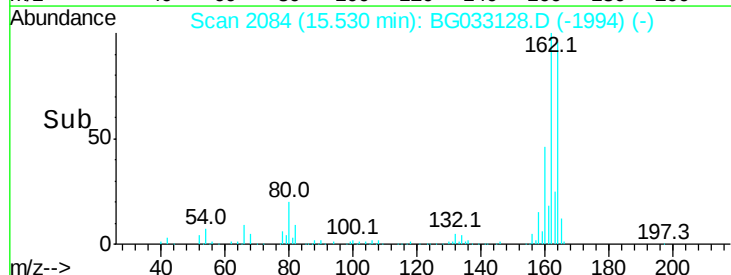
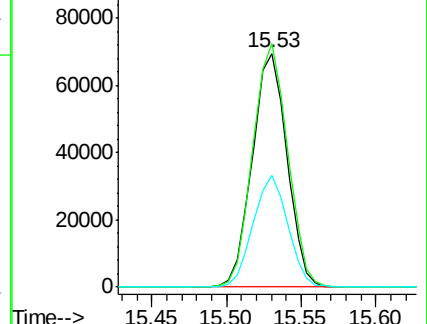
160 48.0 35.4 53.0

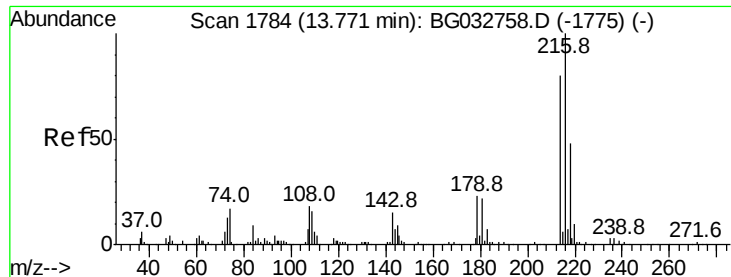


Abundance Ion 164.00 (163.70 to 164.70): E

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: 35.988 ng

RT: 13.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BG033128.D

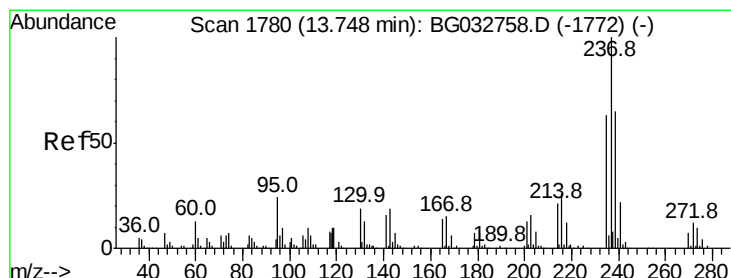
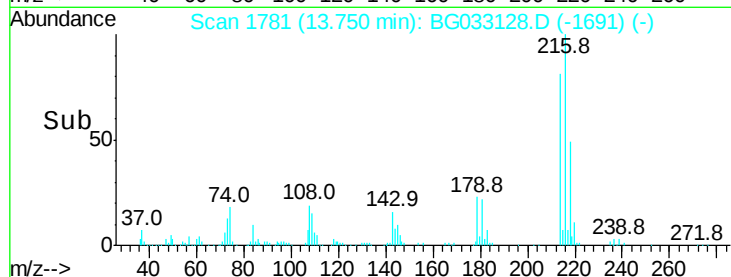
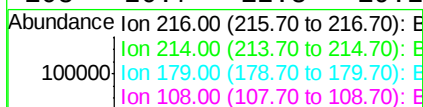
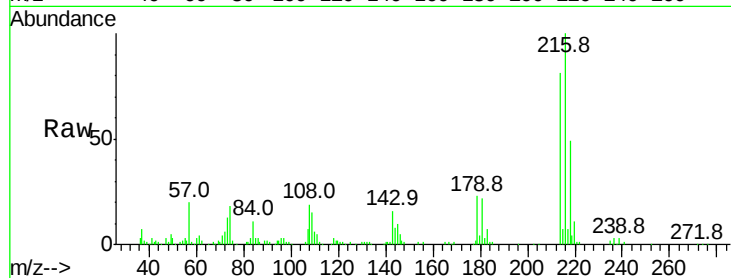
Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	216	Resp:	119081
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	22.3	17.0	25.6
108	20.7	12.8	19.2#



#40

Hexachlorocyclopentadiene

Concen: 49.432 ng

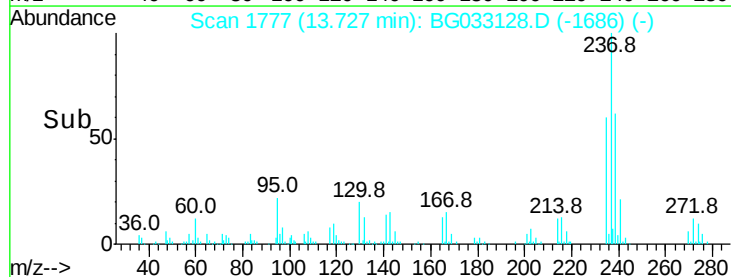
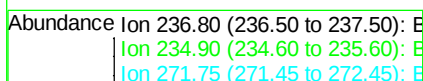
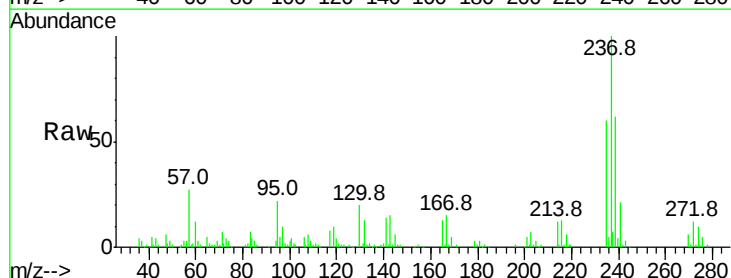
RT: 13.73 min Scan# 1777

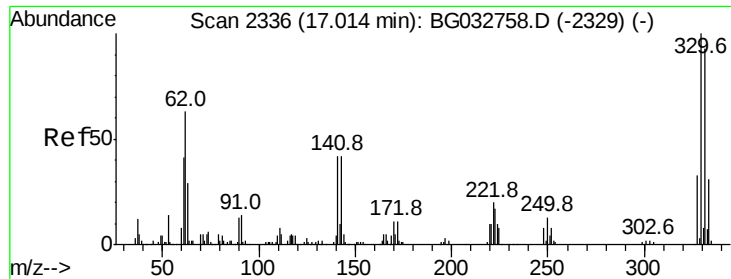
Delta R.T. 0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Tgt Ion:	237	Resp:	83360
Ion	Ratio	Lower	Upper
237	100		
235	60.3	50.4	90.4
272	12.0	0.0	31.8

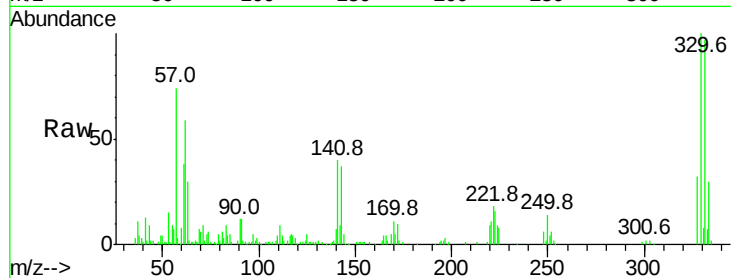




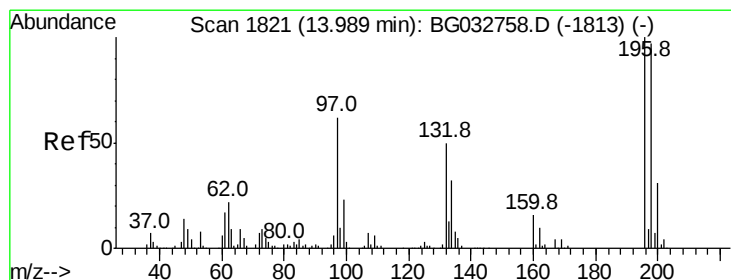
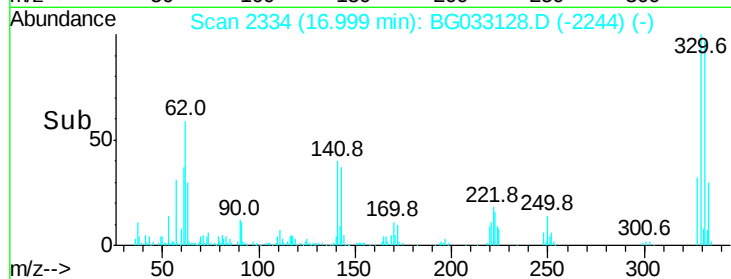
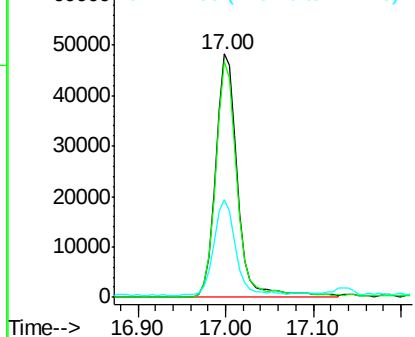
#41
 2,4,6-Tribromophenol
 Concen: 71.959 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.00 min
 Lab File: BG033128.D
 Acq: 13 Mar 2018 20:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 84339
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 39.4 25.2 37.8#

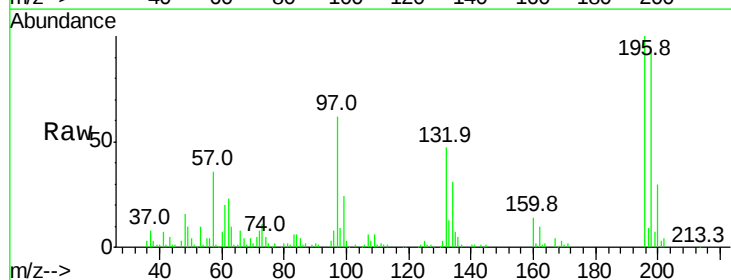


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

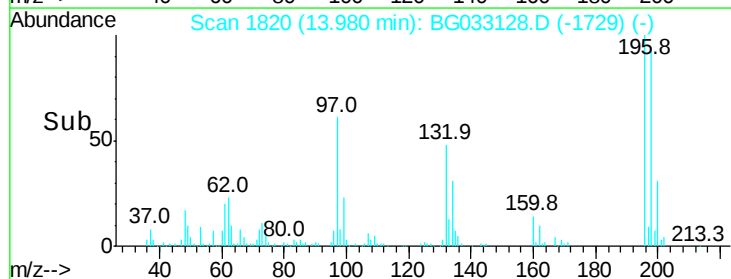
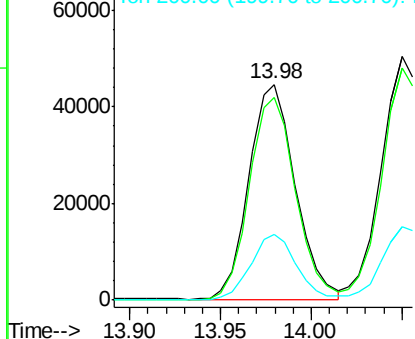


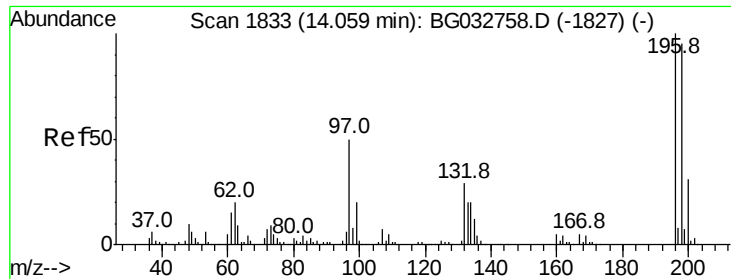
#42
 2,4,6-Trichlorophenol
 Concen: 37.965 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. 0.01 min
 Lab File: BG033128.D
 Acq: 13 Mar 2018 20:50

Tgt Ion:196 Resp: 79222
 Ion Ratio Lower Upper
 196 100
 198 94.0 78.2 117.2
 200 30.4 24.6 36.8



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

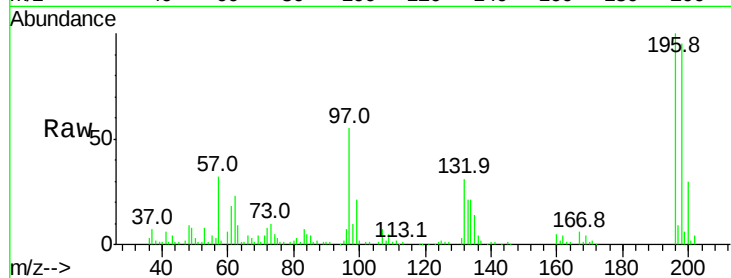




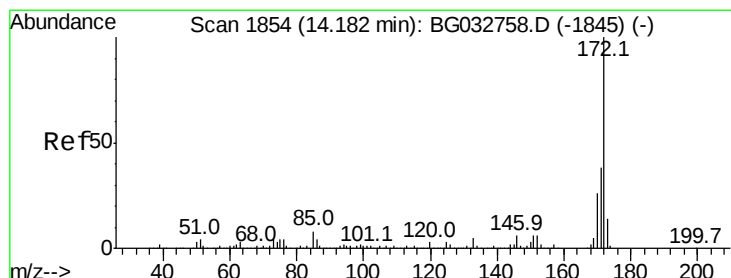
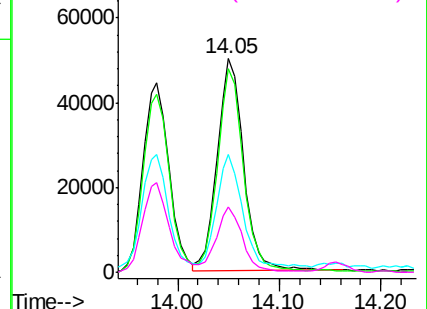
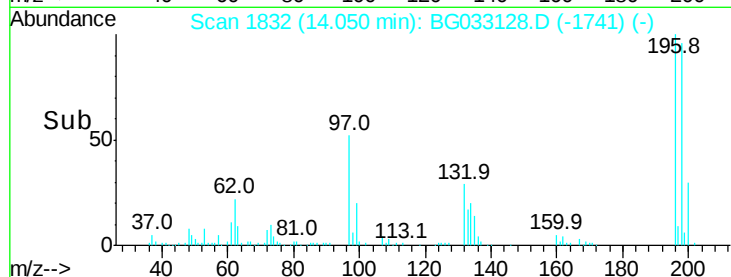
#43
 2,4,5-Trichlorophenol
 Concen: 37.391 ng
 RT: 14.05 min Scan# 1832
 Delta R.T. 0.01 min
 Lab File: BG033128.D
 Acq: 13 Mar 2018 20:50

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 90306
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.2 114.4
 97 55.1 38.7 58.1
 132 30.7 20.2 30.2#

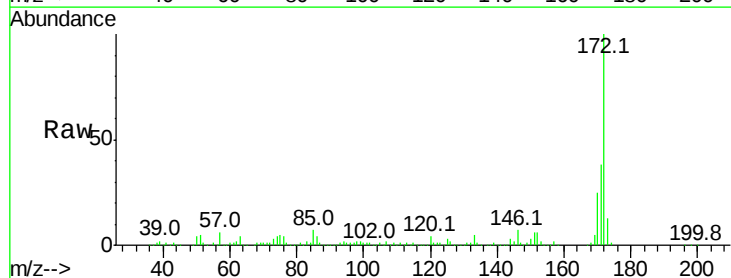


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

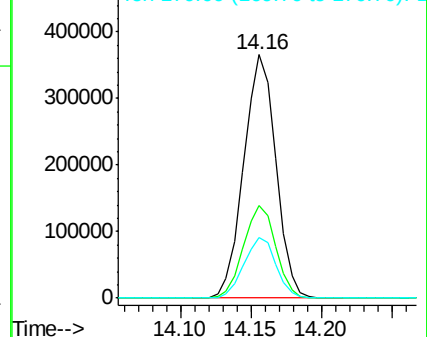
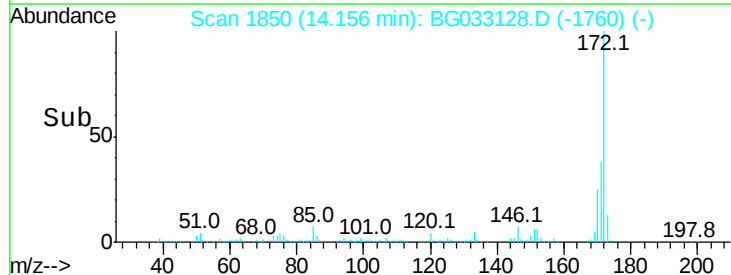


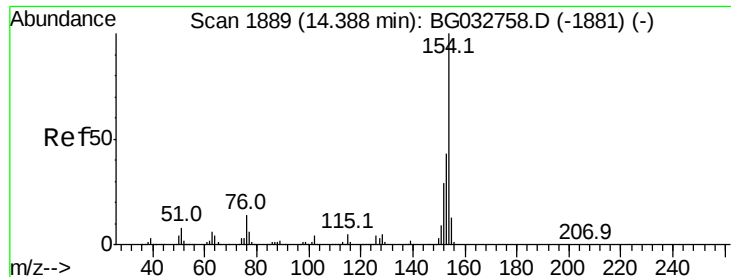
#44
 2-Fluorobiphenyl
 Concen: 75.466 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033128.D
 Acq: 13 Mar 2018 20:50

Tgt Ion:172 Resp: 583254
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 24.9 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 33.143 ng

RT: 14.37 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

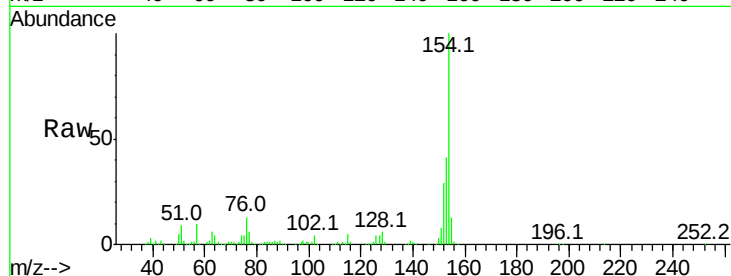
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 322829

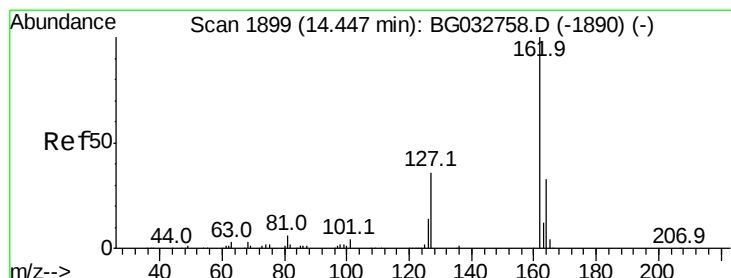
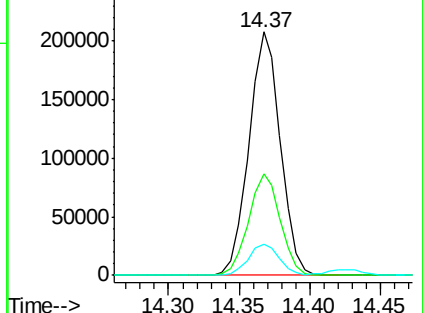
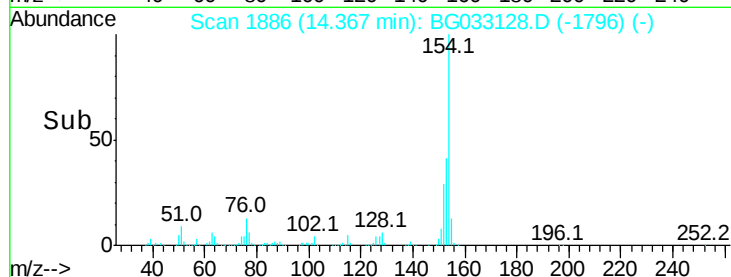
Ion	Ratio	Lower	Upper
154	100		
153	41.5	19.8	59.8
76	12.7	0.0	31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 33.913 ng

RT: 14.43 min Scan# 1896

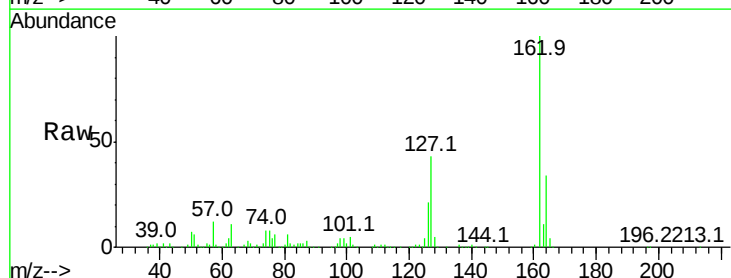
Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Tgt Ion:162 Resp: 246752

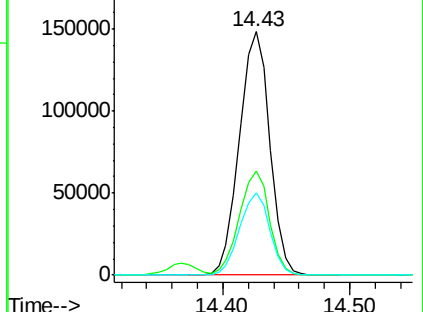
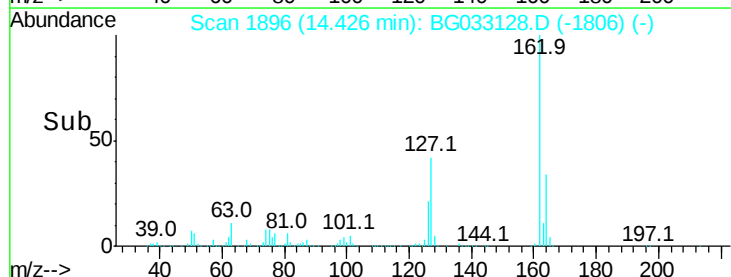
Ion	Ratio	Lower	Upper
162	100		
127	42.6	30.7	46.1
164	33.9	26.0	39.0

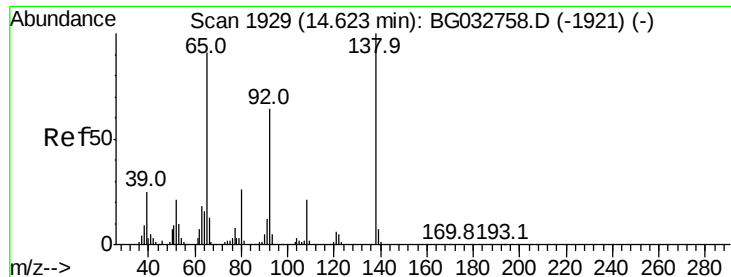


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.031 ng

RT: 14.61 min Scan# 1927

Delta R.T. 0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

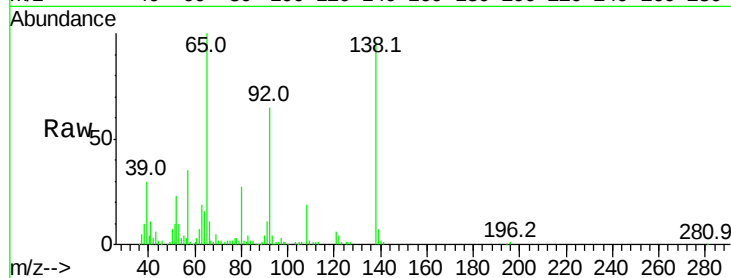
Tot Ion: 65 Resp: 90458

Ion Ratio Lower Upper

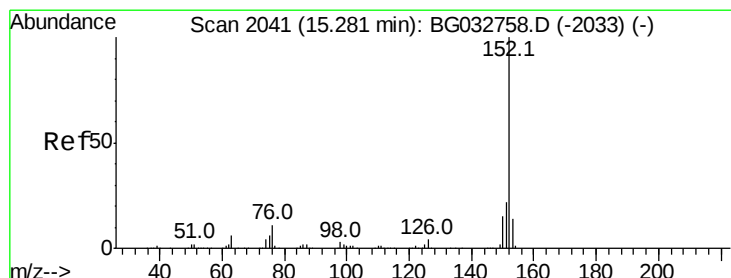
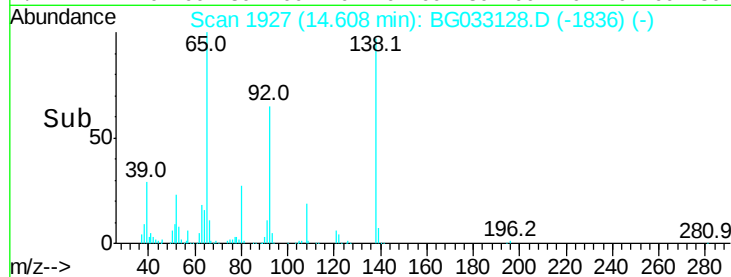
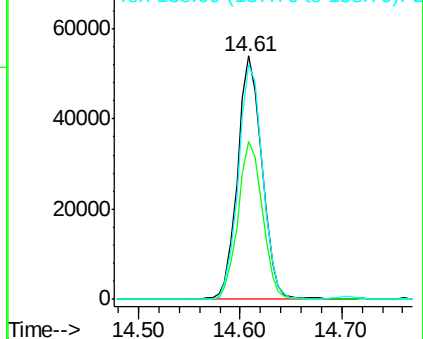
65 100

92 64.8 54.6 82.0

138 96.4 72.9 109.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 33.327 ng

RT: 15.26 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

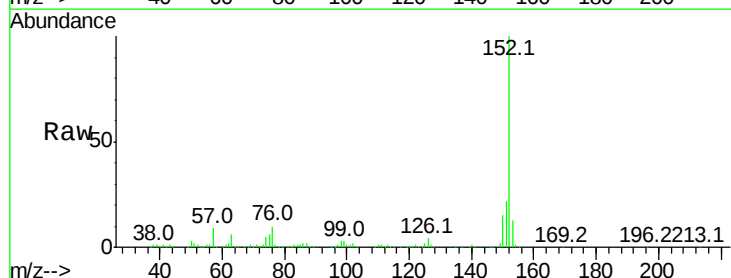
Tgt Ion: 152 Resp: 397011

Ion Ratio Lower Upper

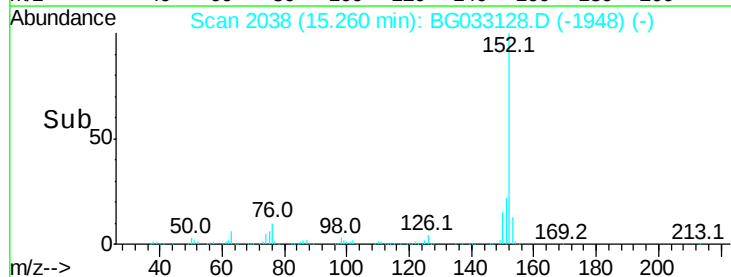
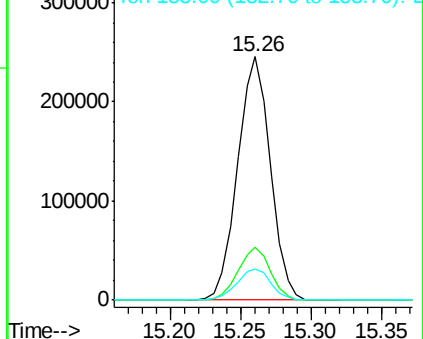
152 100

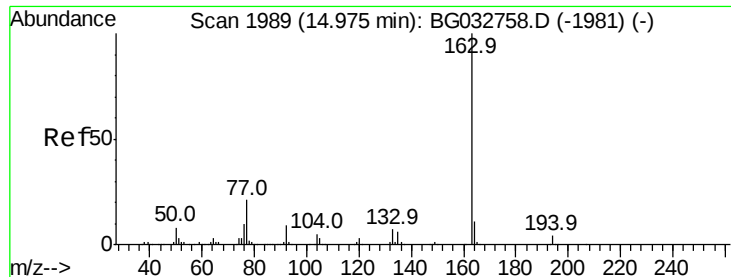
151 21.5 17.2 25.8

153 13.0 10.2 15.4



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





#49

Dimethylphthalate

Concen: 32.201 ng

RT: 14.95 min Scan# 1986

Delta R.T. 0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

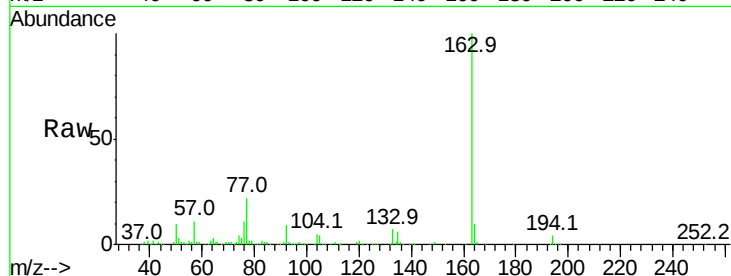
Tot Ion:163 Resp: 304771

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

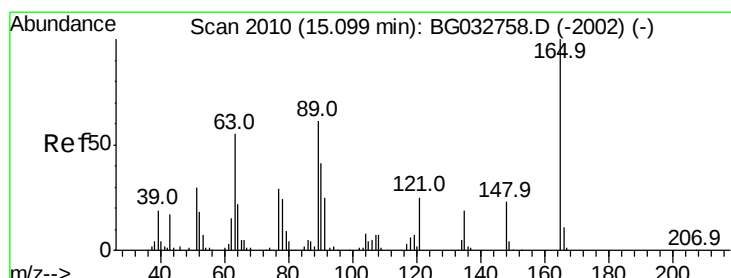
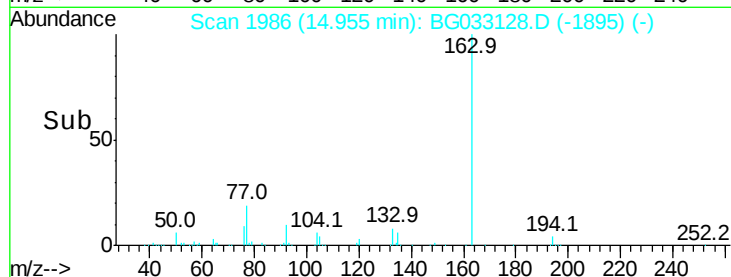
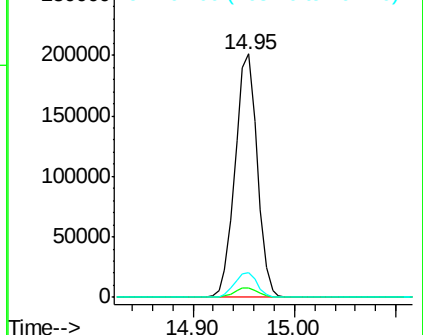
164 10.1 8.2 12.4



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: 44.243 ng

RT: 15.08 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

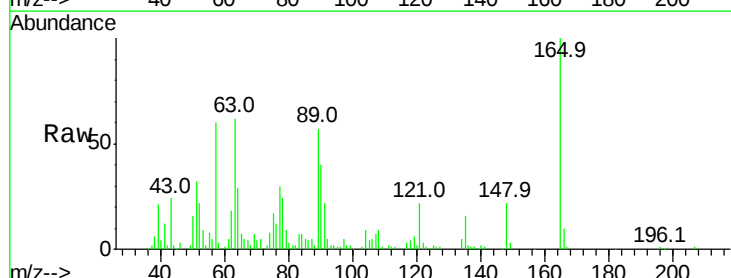
Tgt Ion:165 Resp: 67970

Ion Ratio Lower Upper

165 100

63 61.7 52.7 79.1

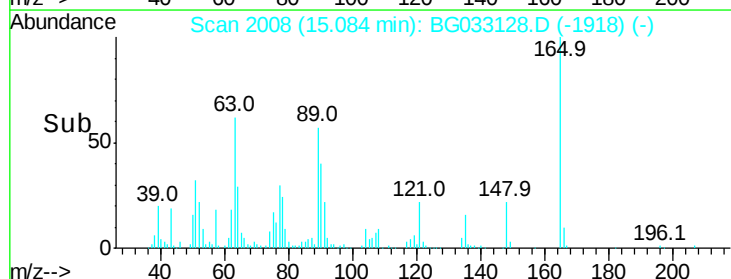
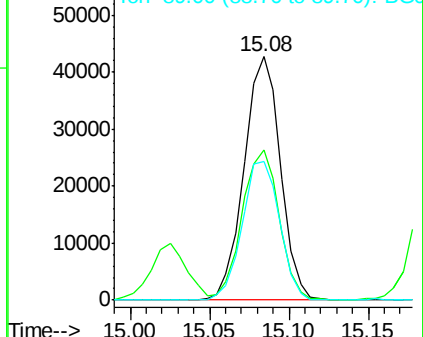
89 56.8 49.2 73.8

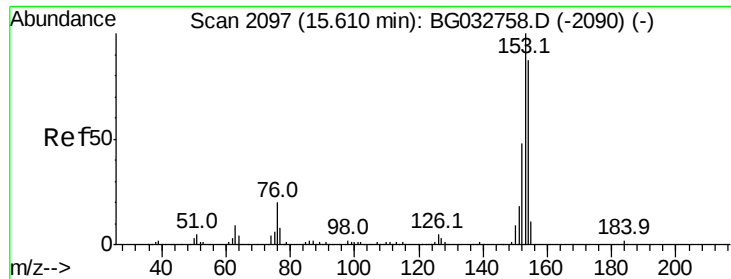


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 31.730 ng

RT: 15.59 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

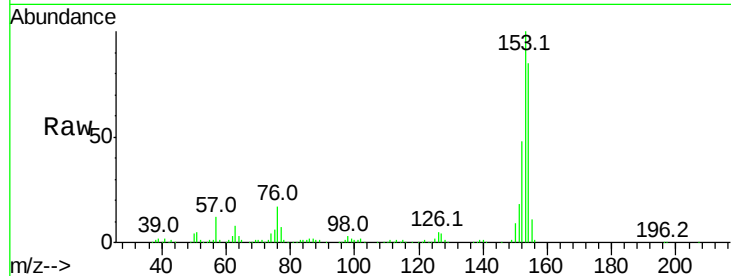
Tot Ion:154 Resp: 235404

Ion Ratio Lower Upper

154 100

153 117.0 90.4 135.6

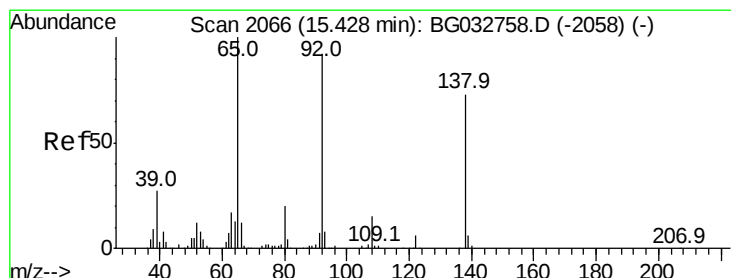
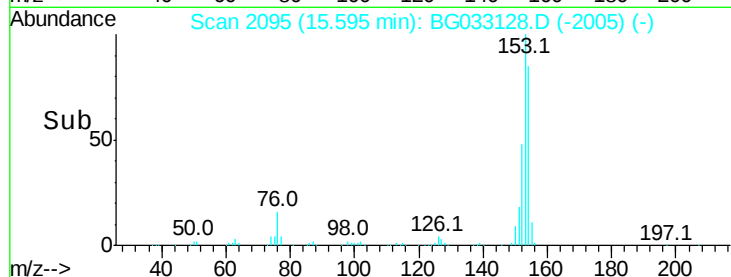
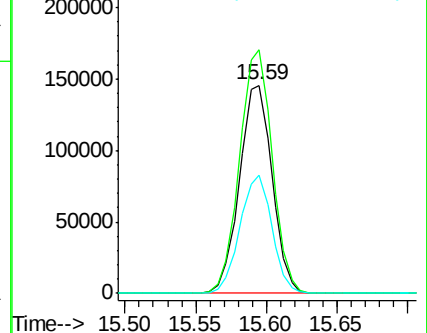
152 56.5 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.003 ng

RT: 15.42 min Scan# 2065

Delta R.T. 0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

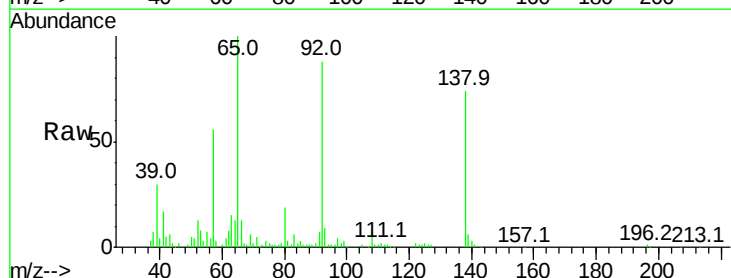
Tgt Ion:138 Resp: 53942

Ion Ratio Lower Upper

138 100

108 11.1 17.5 26.3#

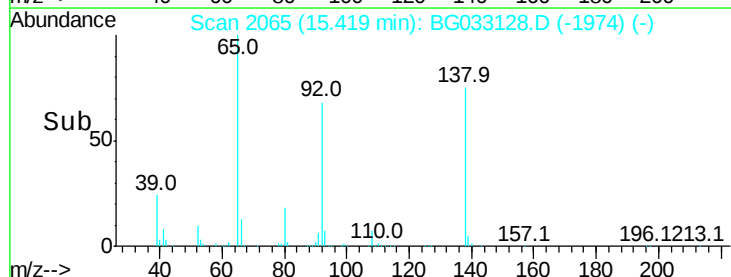
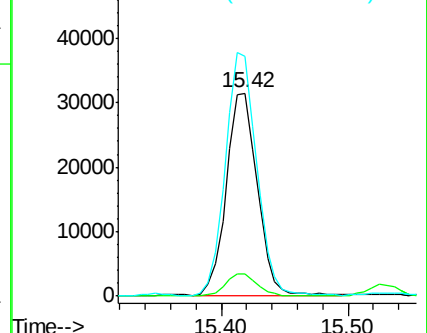
92 118.2 105.8 158.8

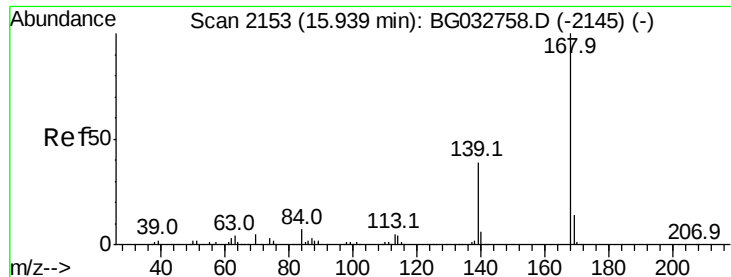


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

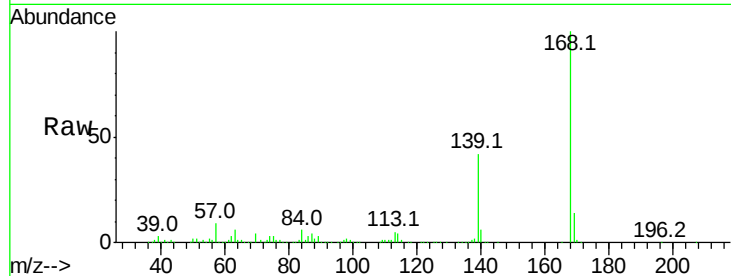




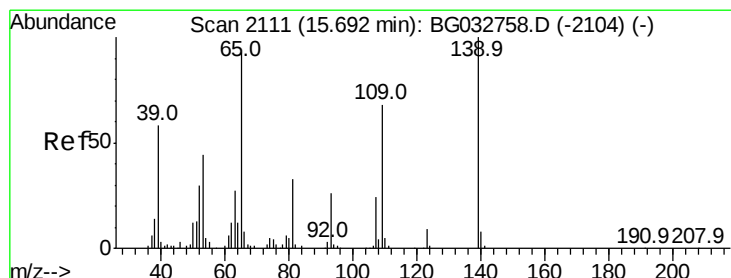
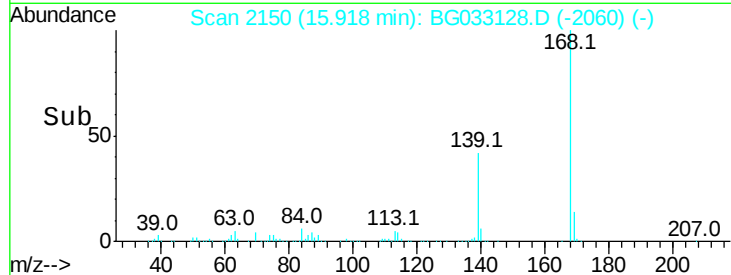
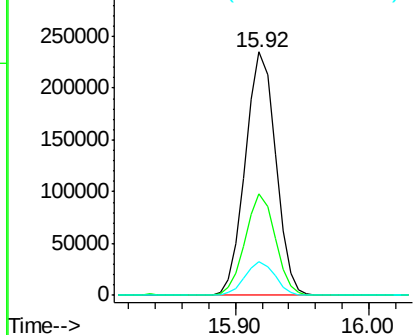
#54
Dibenzofuran
Concen: 34.960 ng
RT: 15.92 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 369308
Ion Ratio Lower Upper
168 100
139 41.7 28.6 43.0
169 14.0 11.2 16.8

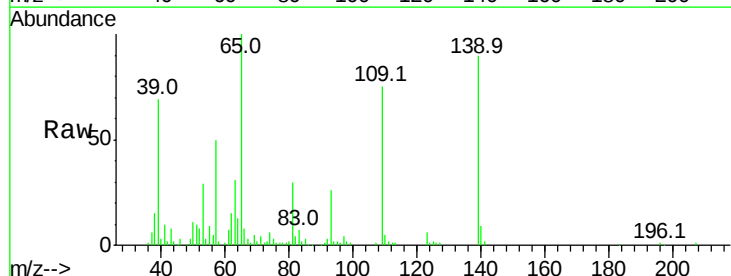


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

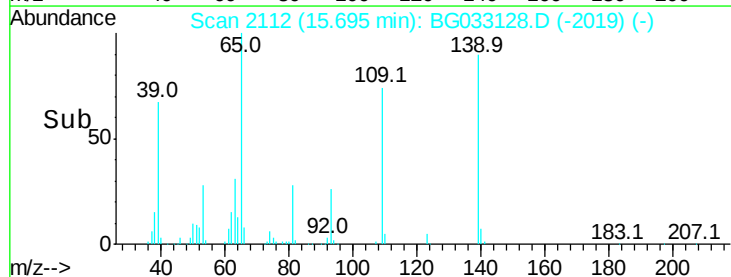
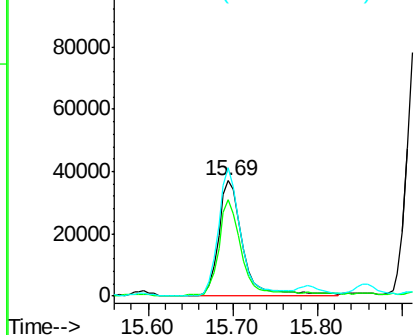


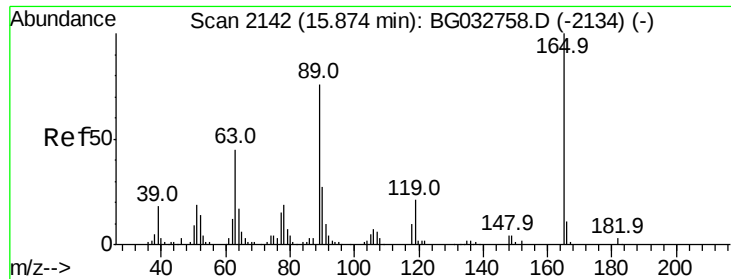
#55
4-Nitrophenol
Concen: 49.696 ng
RT: 15.69 min Scan# 2112
Delta R.T. 0.02 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion:139 Resp: 72462
Ion Ratio Lower Upper
139 100
109 82.9 62.2 102.2
65 110.7 97.2 137.2



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

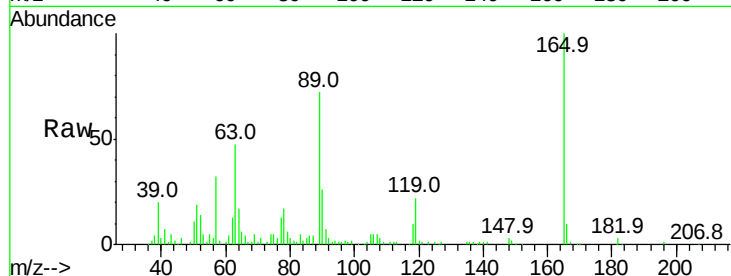




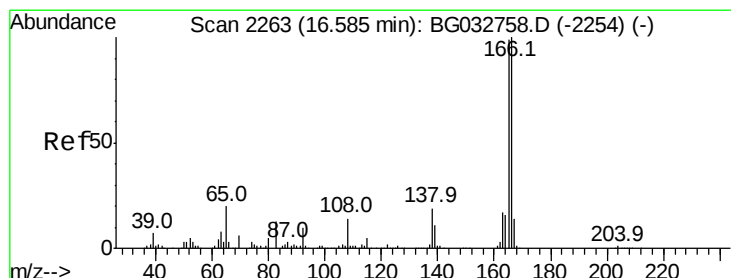
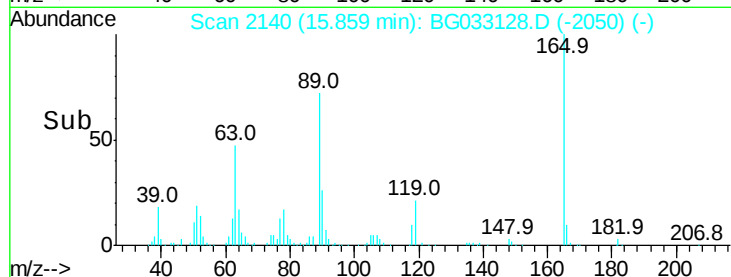
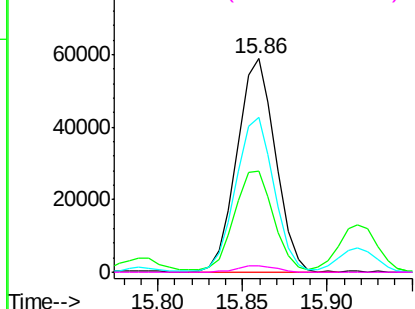
#56
 2,4-Dinitrotoluene
 Concen: 50.459 ng
 RT: 15.86 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BG033128.D
 Acq: 13 Mar 2018 20:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 93198
 Ion Ratio Lower Upper
 165 100
 63 47.1 42.0 63.0
 89 72.4 66.9 100.3
 182 3.0 2.6 3.8

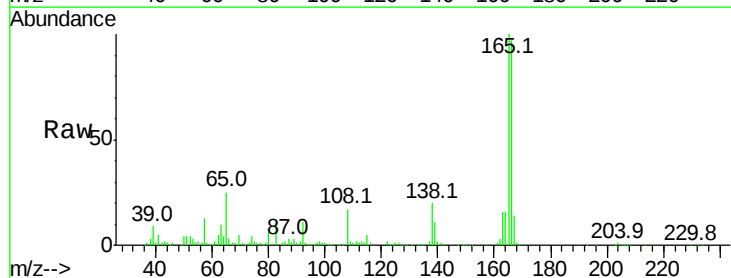


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

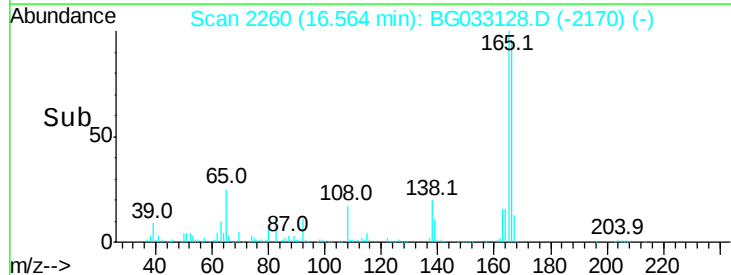
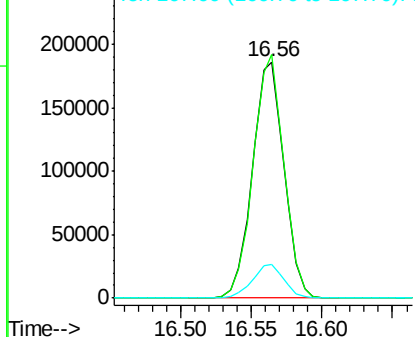


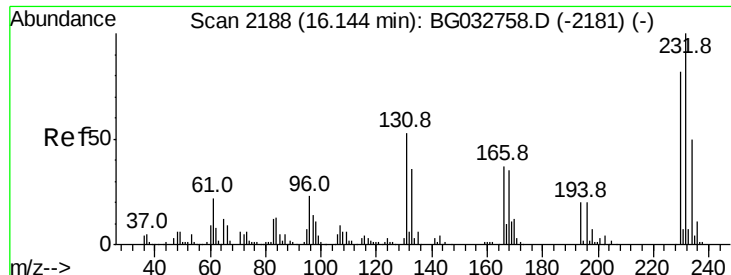
#57
 Fluorene
 Concen: 33.496 ng
 RT: 16.56 min Scan# 2260
 Delta R.T. 0.00 min
 Lab File: BG033128.D
 Acq: 13 Mar 2018 20:50

Tgt Ion:166 Resp: 292048
 Ion Ratio Lower Upper
 166 100
 165 103.1 80.6 121.0
 167 14.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

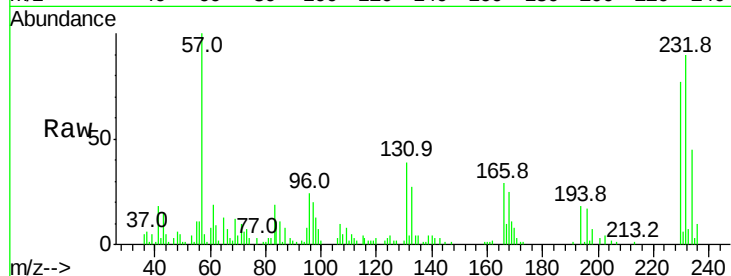




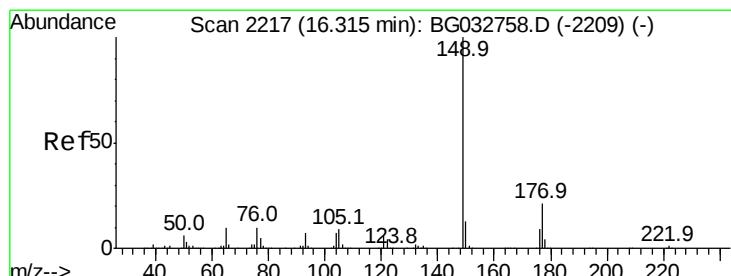
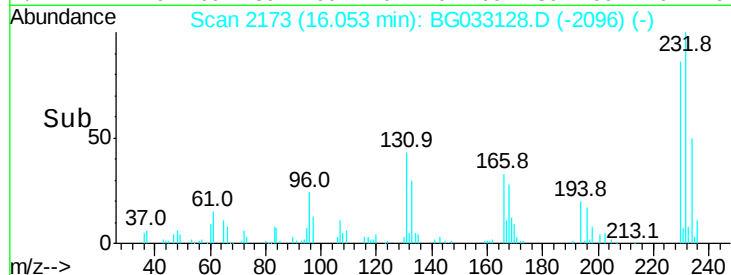
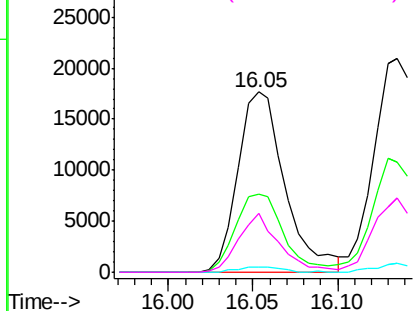
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 18.273 ng
 RT: 16.05 min Scan# 2173
 Delta R.T. -0.08 min
 Lab File: BG033128.D
 Acq: 13 Mar 2018 20:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 34264
 Ion Ratio Lower Upper
 232 100
 131 44.2 33.5 50.3
 130 2.6 2.2 3.2
 166 28.2 24.8 37.2

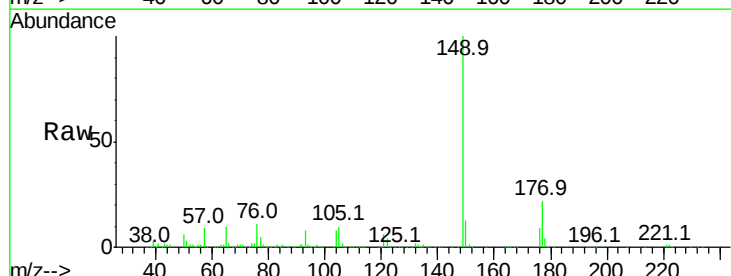


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

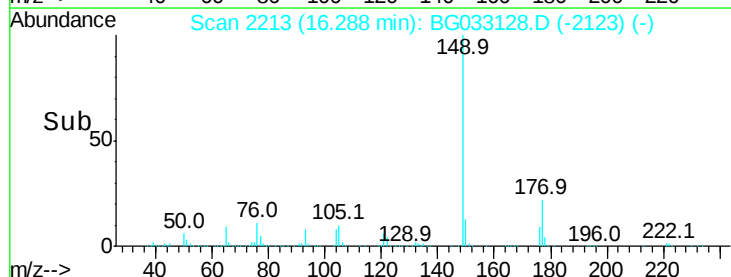
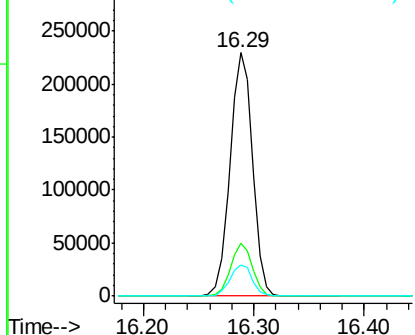


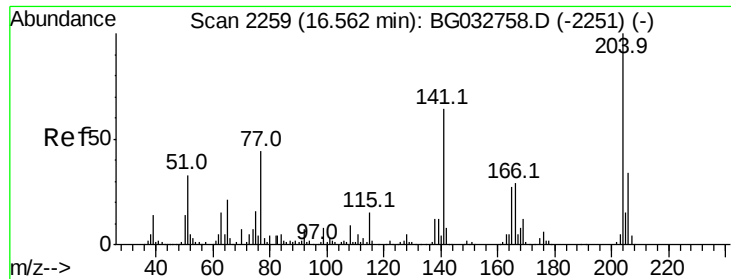
#59
 Diethylphthalate
 Concen: 32.768 ng
 RT: 16.29 min Scan# 2213
 Delta R.T. 0.00 min
 Lab File: BG033128.D
 Acq: 13 Mar 2018 20:50

Tgt Ion:149 Resp: 327110
 Ion Ratio Lower Upper
 149 100
 177 21.7 18.5 27.7
 150 12.7 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

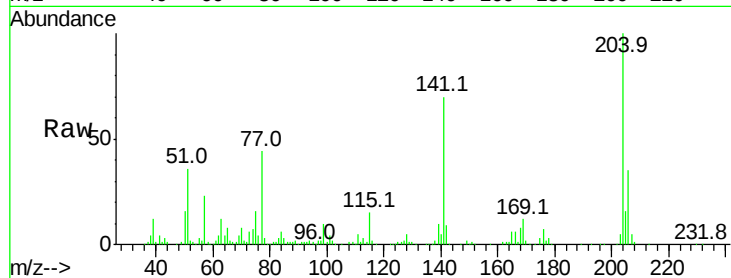




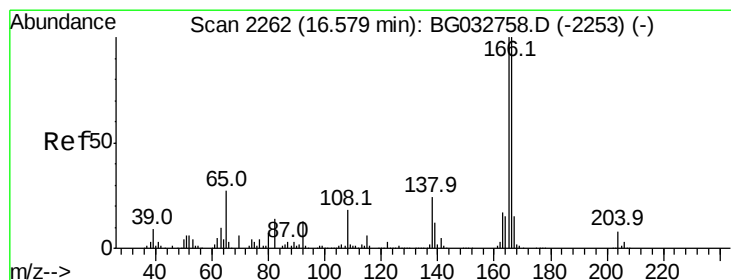
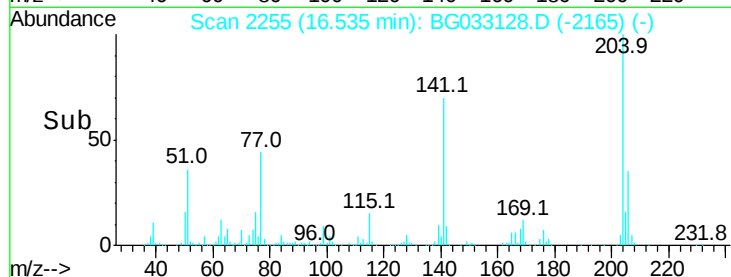
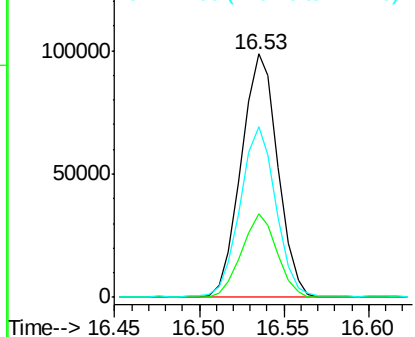
#60
4-Chlorophenyl-phenylether
Concen: 34.767 ng
RT: 16.53 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 148290
Ion Ratio Lower Upper
204 100
206 34.5 26.2 39.2
141 70.1 45.8 68.6#

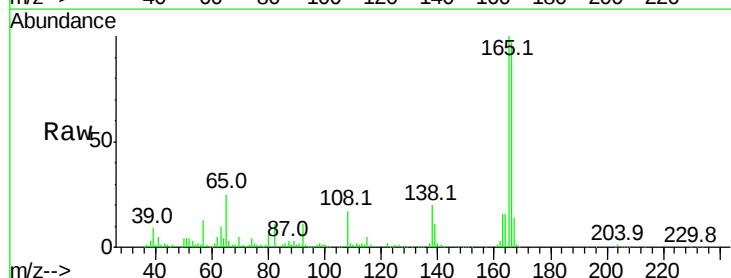


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

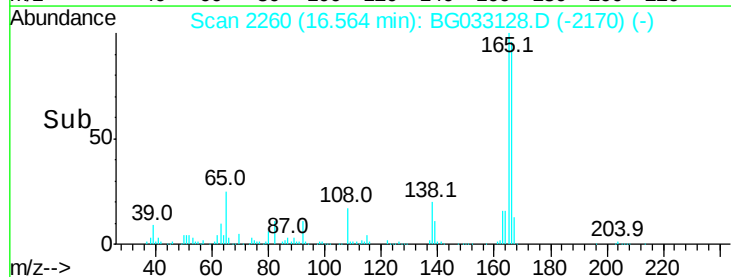
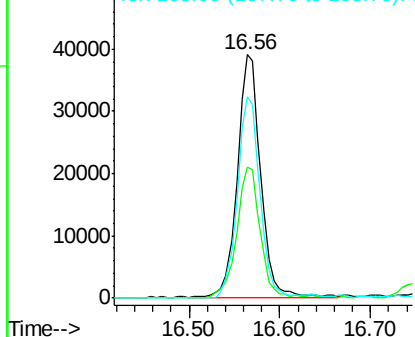


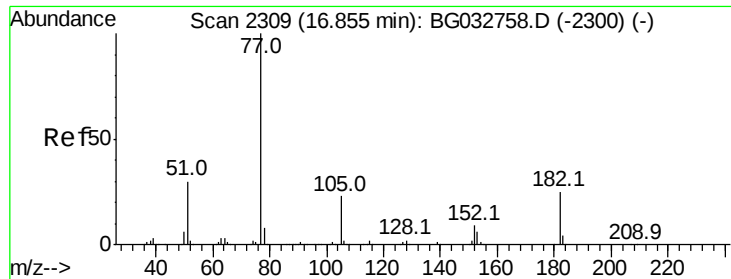
#61
4-Nitroaniline
Concen: 36.004 ng
RT: 16.56 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion:138 Resp: 70720
Ion Ratio Lower Upper
138 100
92 53.6 40.1 80.1
108 82.9 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: 34.256 ng

RT: 16.83 min Scan# 2305

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 305927

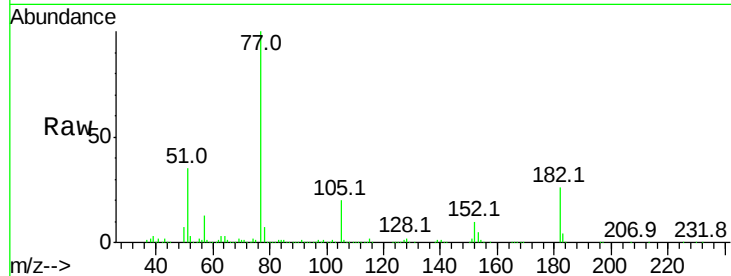
Ion Ratio Lower Upper

77 100

182 25.6 7.4 47.4

105 20.3 0.3 40.3

51 35.2 11.6 51.6

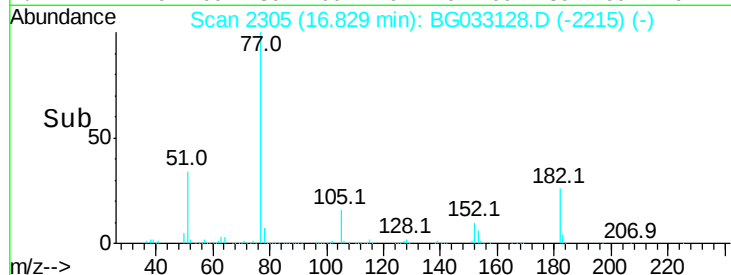
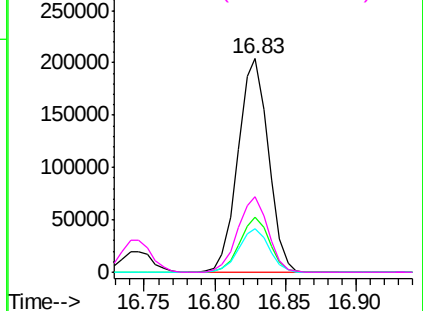


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 18.26 min Scan# 2548

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

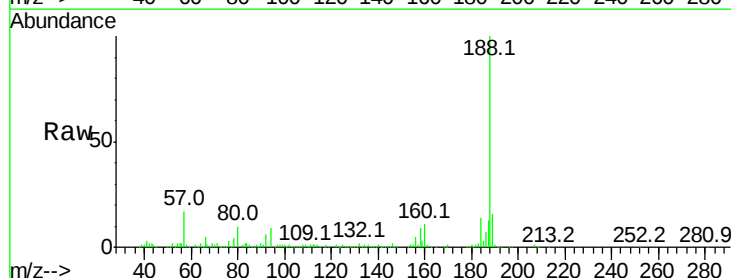
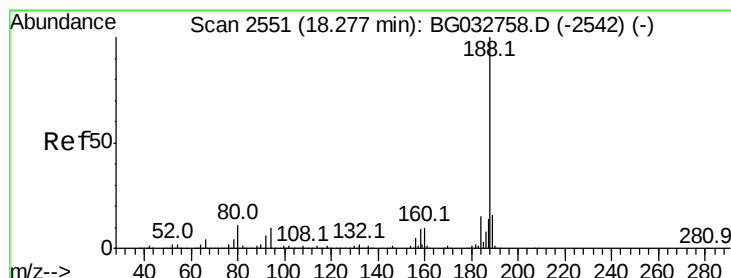
Tgt Ion: 188 Resp: 234437

Ion Ratio Lower Upper

188 100

94 9.2 6.9 10.3

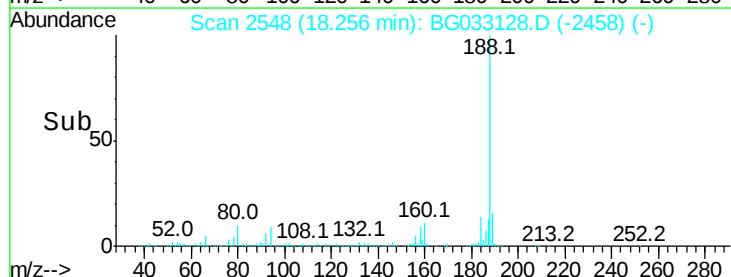
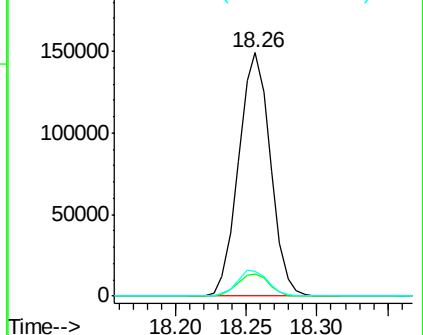
80 10.3 7.7 11.5

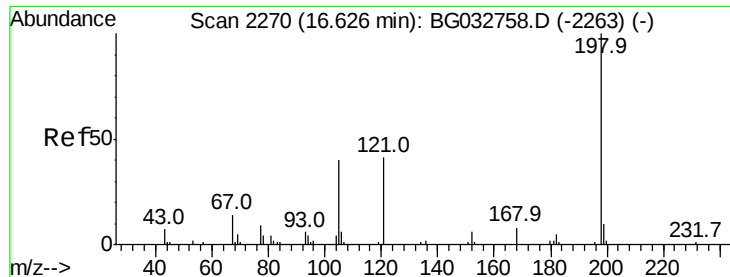


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

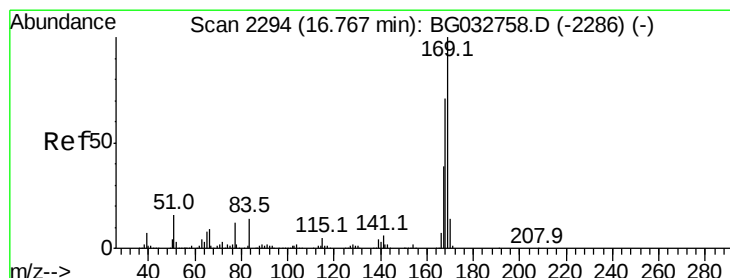
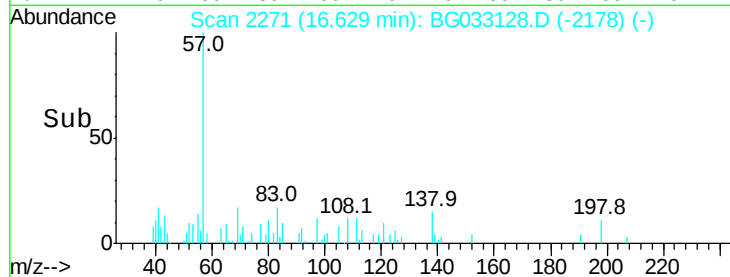
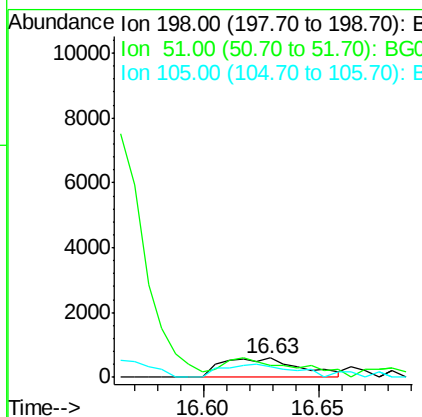
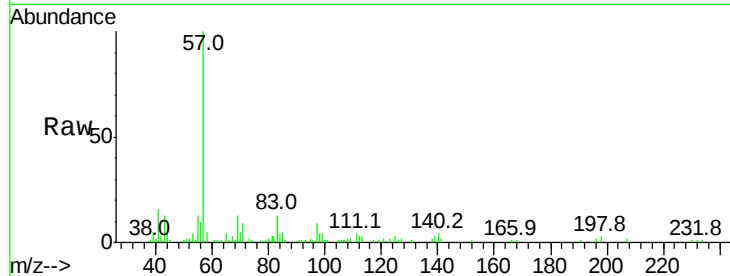




#64
4,6-Dinitro-2-methylphenol
Concen: 7.410 ng
RT: 16.63 min Scan# 2271
Delta R.T. 0.02 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

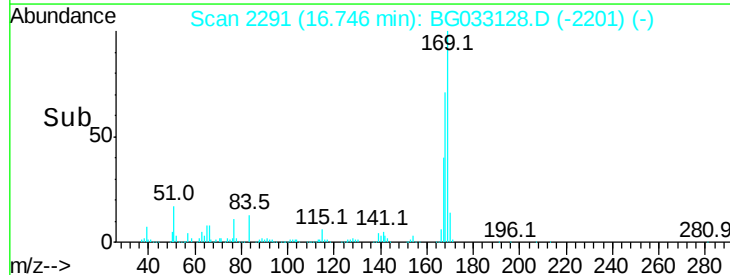
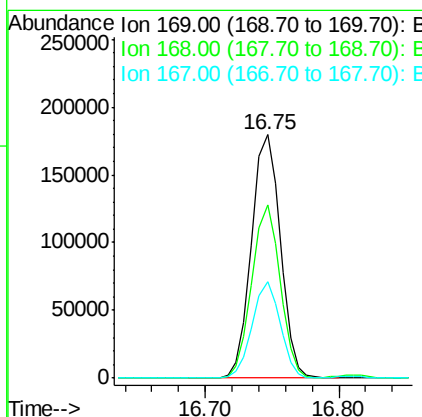
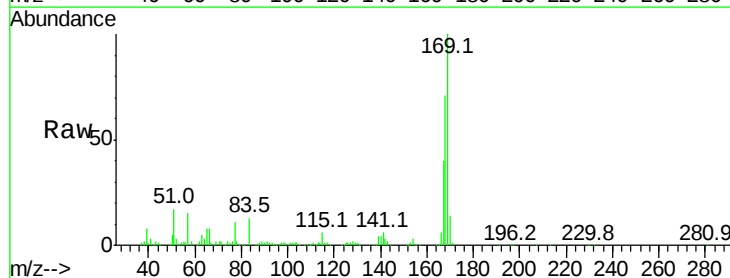
Instrument :
BNA_G
ClientSampleId :

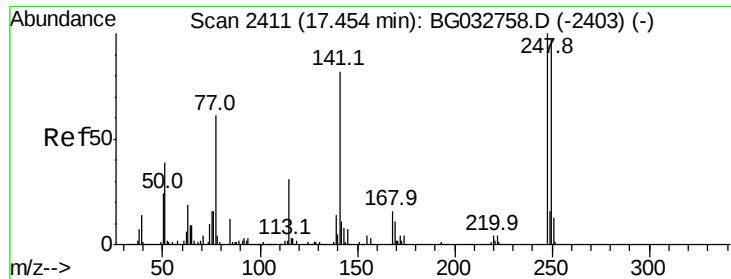
Tot Ion:198 Resp: 1376
Ion Ratio Lower Upper
198 100
51 59.7 30.6 70.6
105 52.9 23.8 63.8



#65
n-Nitrosodiphenylamine
Concen: 35.241 ng
RT: 16.75 min Scan# 2291
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion:169 Resp: 268765
Ion Ratio Lower Upper
169 100
168 70.9 55.7 83.5
167 39.6 30.1 45.1

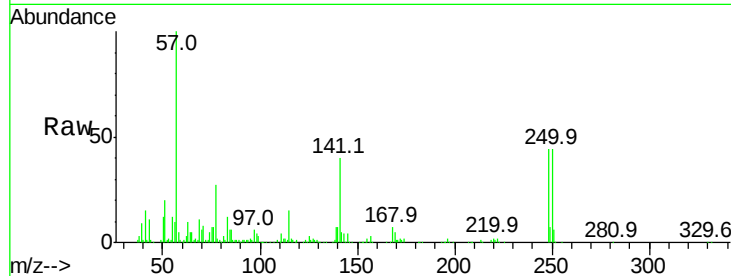




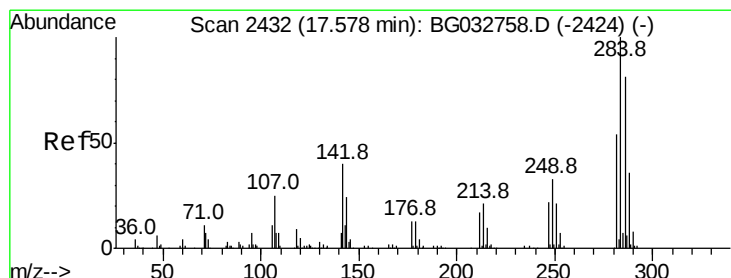
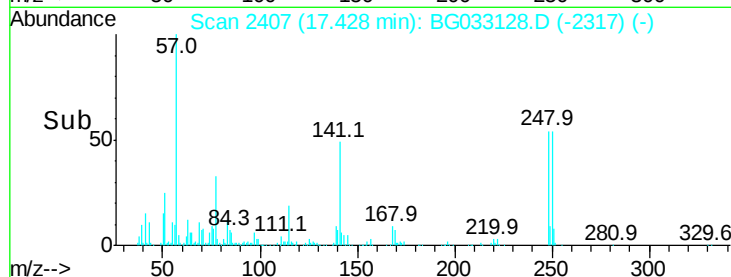
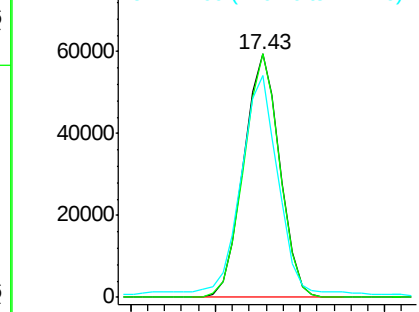
#66
4-Bromophenyl-phenylether
Concen: 35.565 ng
RT: 17.43 min Scan# 2407
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 88164
Ion Ratio Lower Upper
248 100
250 100.0 77.1 115.7
141 91.2 50.8 76.2#

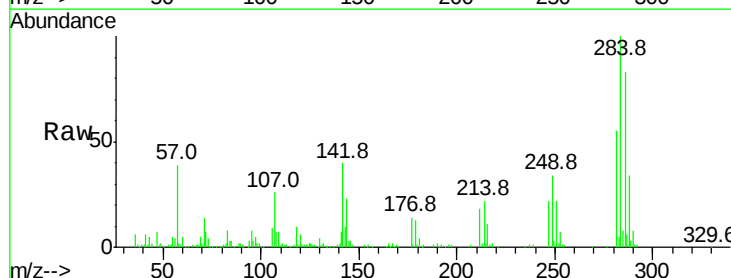


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

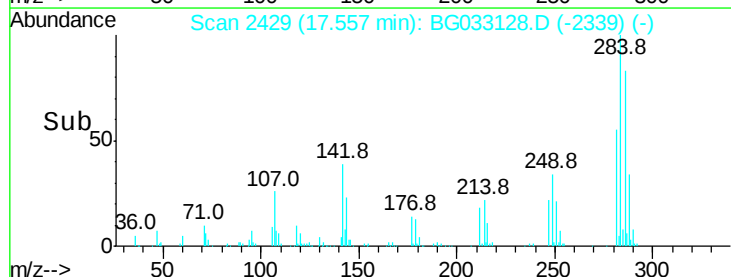
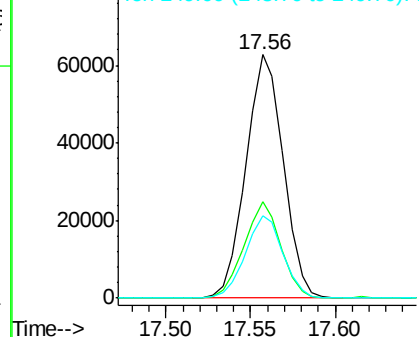


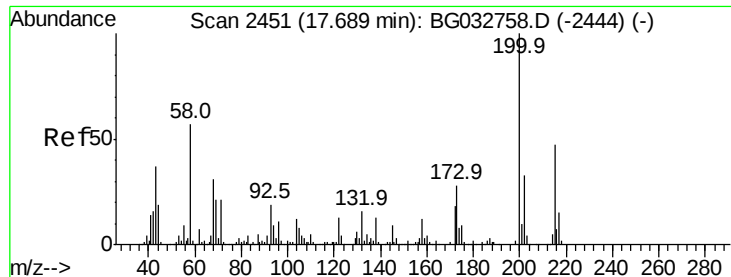
#67
Hexachlorobenzene
Concen: 35.913 ng
RT: 17.56 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion:284 Resp: 96206
Ion Ratio Lower Upper
284 100
142 39.8 26.8 40.2
249 33.6 26.3 39.5



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

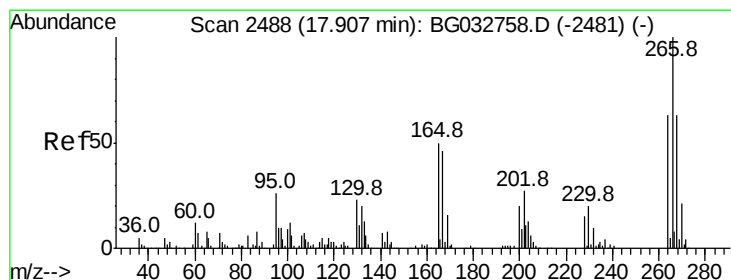
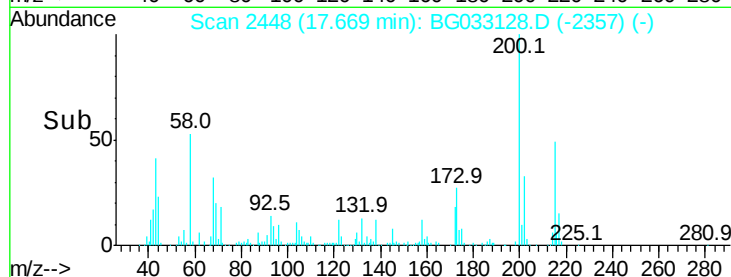
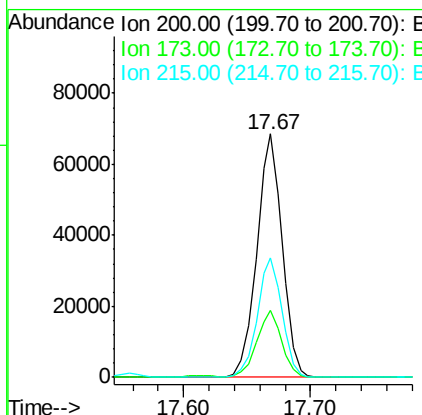
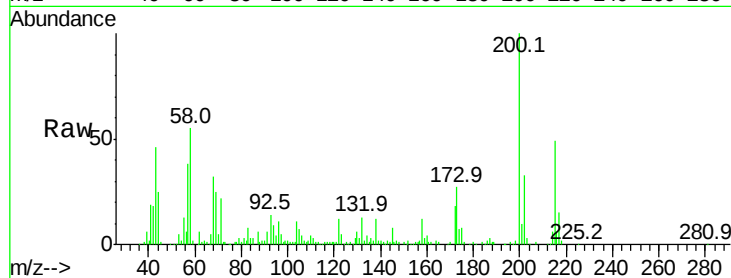




#68
Atrazine
Concen: 38.007 ng
RT: 17.67 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

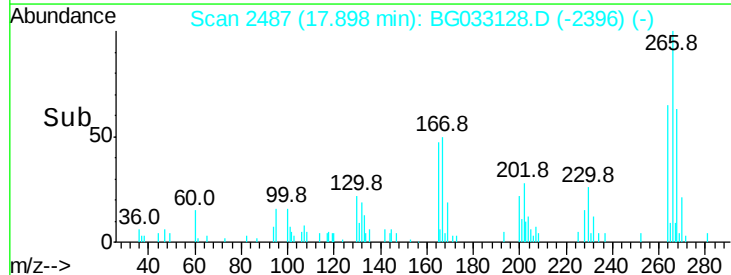
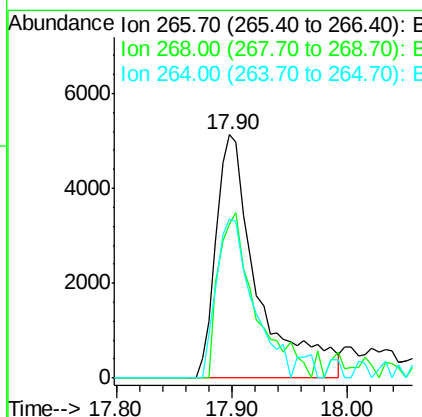
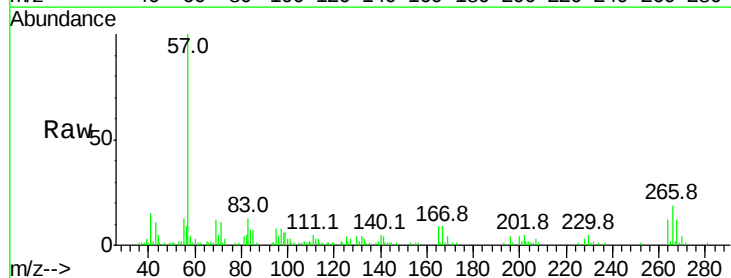
Instrument :
BNA_G
ClientSampleId :

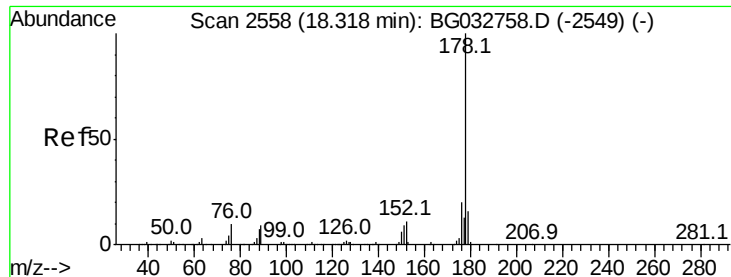
Tot Ion:200 Resp: 95412
Ion Ratio Lower Upper
200 100
173 27.3 5.2 45.2
215 49.1 30.4 70.4



#69
Pentachlorophenol
Concen: 7.607 ng
RT: 17.90 min Scan# 2487
Delta R.T. 0.01 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion:266 Resp: 12835
Ion Ratio Lower Upper
266 100
268 63.2 51.1 76.7
264 65.3 49.6 74.4

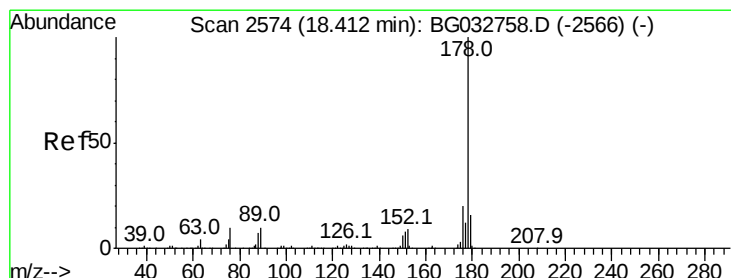
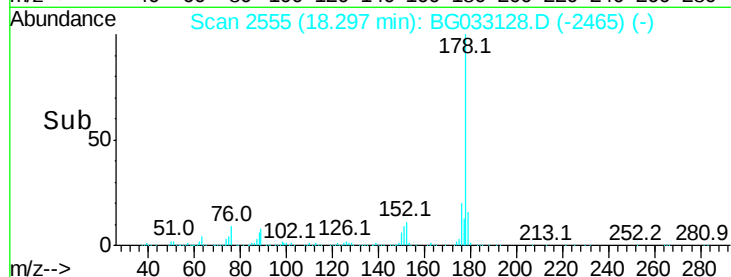
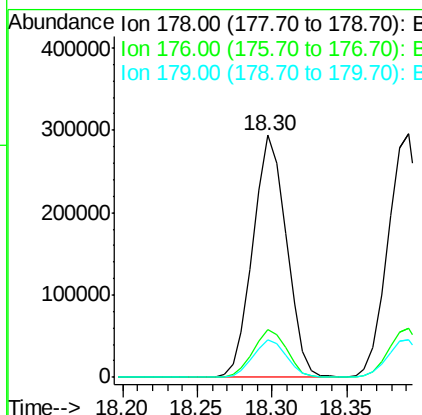
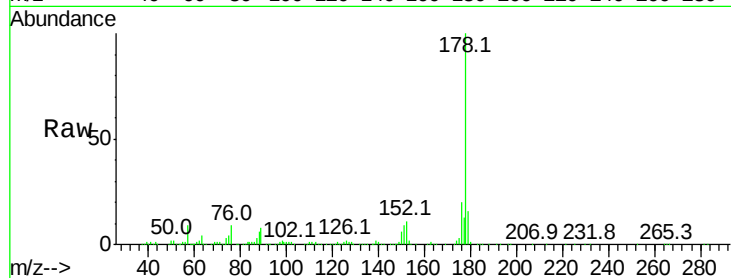




#70
Phenanthrene
Concen: 34.947 ng
RT: 18.30 min Scan# 2555
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

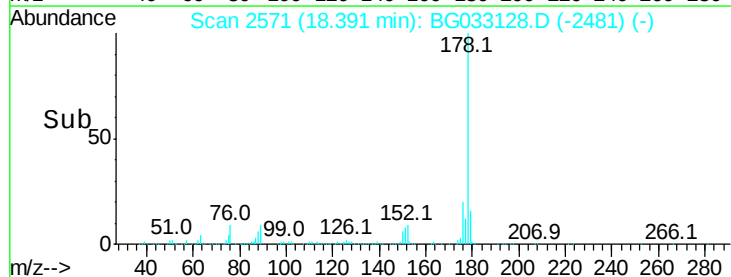
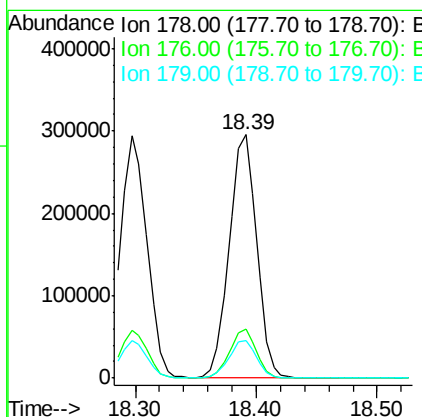
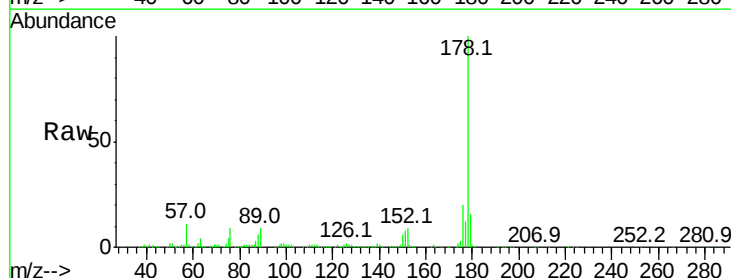
Instrument :
BNA_G
ClientSampleId :

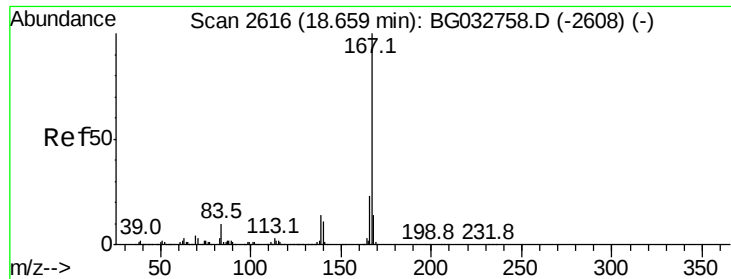
Tot Ion:178 Resp: 457087
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.6 12.5 18.7



#71
Anthracene
Concen: 35.544 ng
RT: 18.39 min Scan# 2571
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion:178 Resp: 466720
Ion Ratio Lower Upper
178 100
176 20.2 16.0 24.0
179 15.5 12.5 18.7





#72

Carbazole

Concen: 33.607 ng

RT: 18.64 min Scan# 2614

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

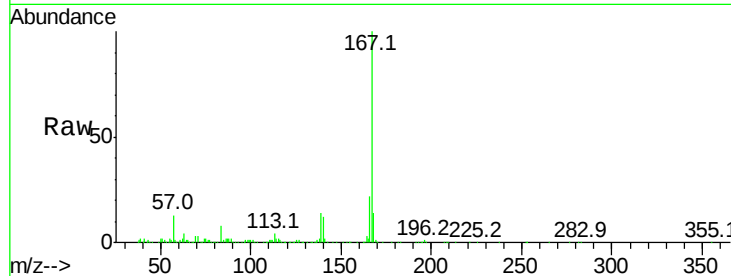
Tot Ion:167 Resp: 434959

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.4

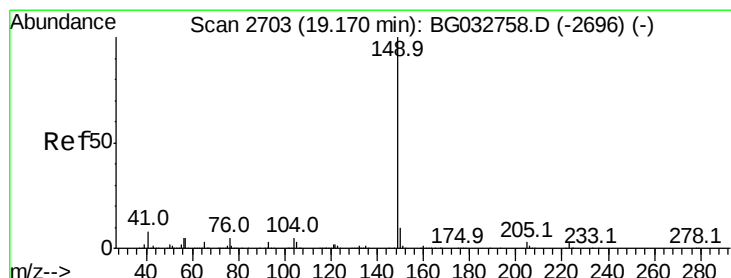
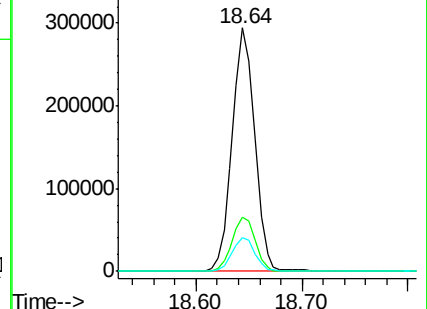
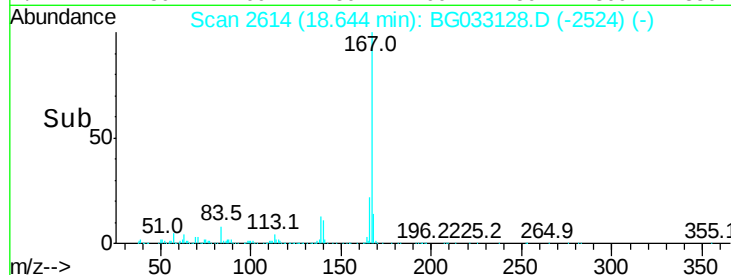
139 13.6 9.4 14.2



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: 34.795 ng

RT: 19.14 min Scan# 2698

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

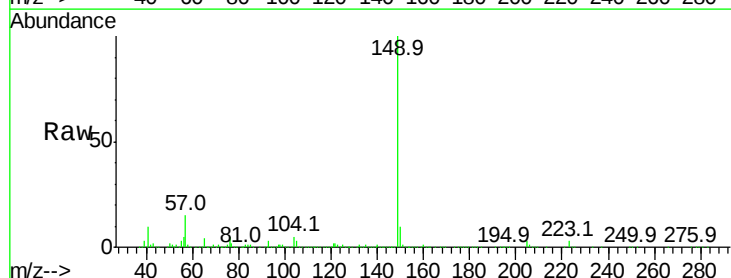
Tgt Ion:149 Resp: 552477

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

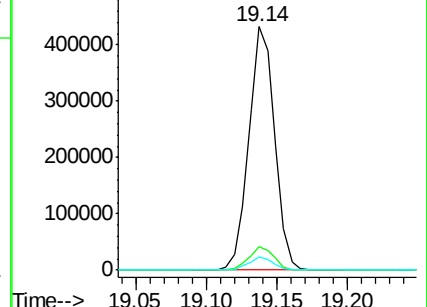
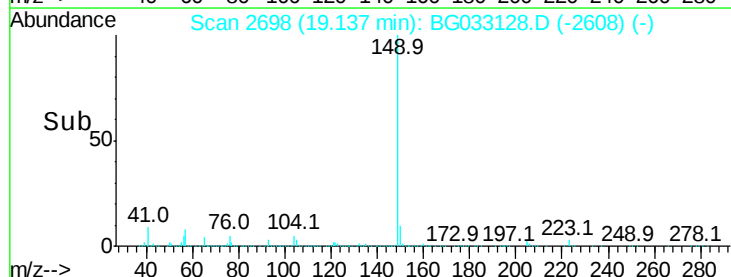
104 5.3 3.9 5.9

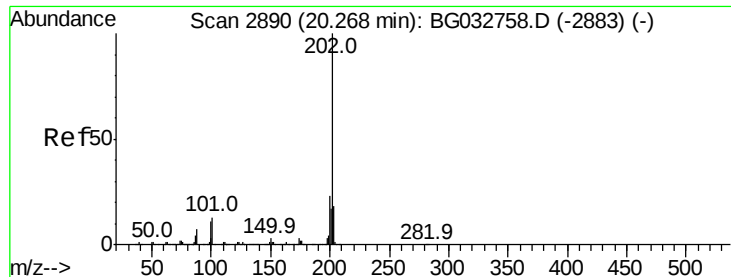


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 35.248 ng

RT: 20.25 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

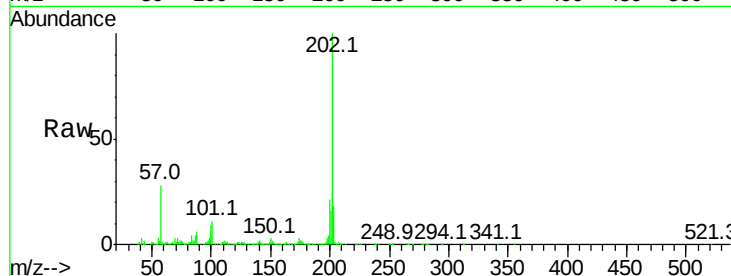
Tot Ion:202 Resp: 509255

Ion Ratio Lower Upper

202 100

101 11.1 0.0 28.9

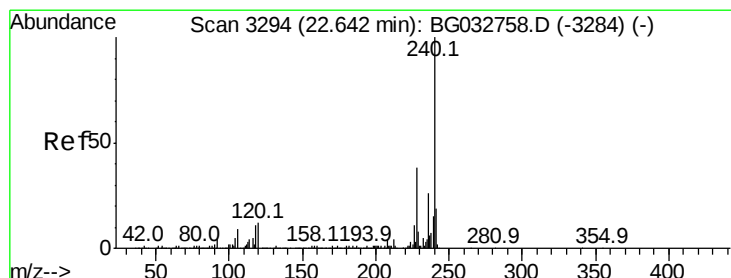
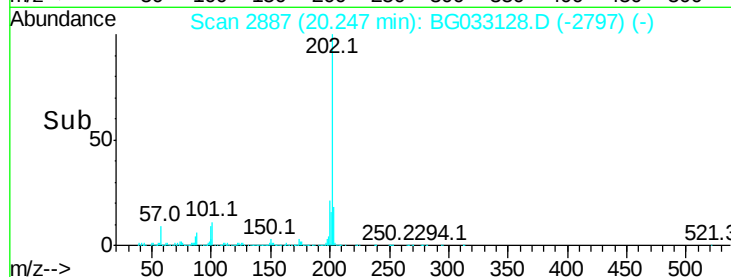
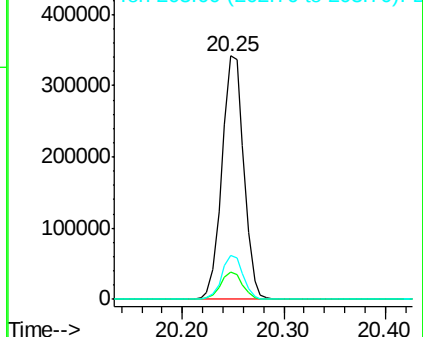
203 17.9 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3289

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

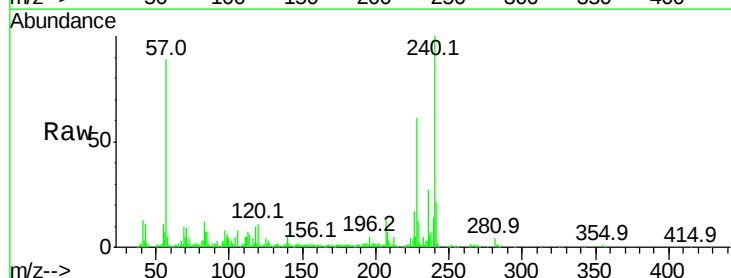
Tgt Ion:240 Resp: 231663

Ion Ratio Lower Upper

240 100

120 10.5 6.8 10.2#

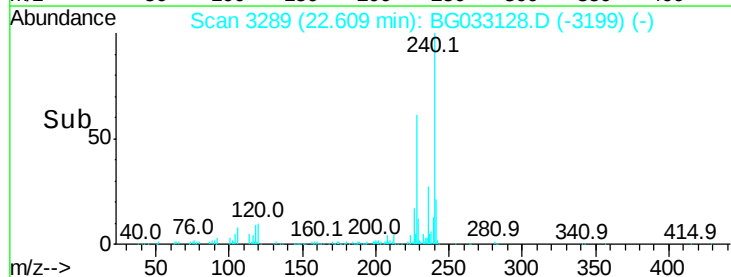
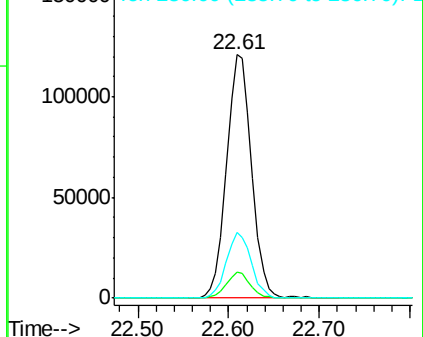
236 26.9 20.9 31.3

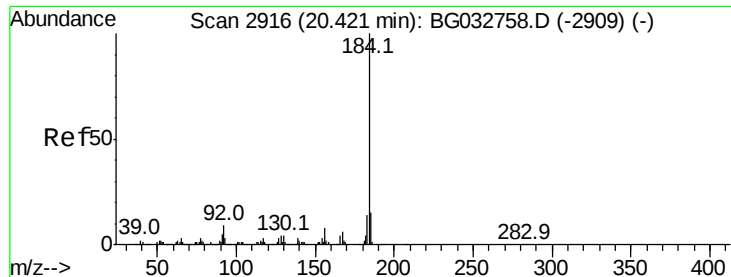


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 9.427 ng

RT: 20.41 min Scan# 2914

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

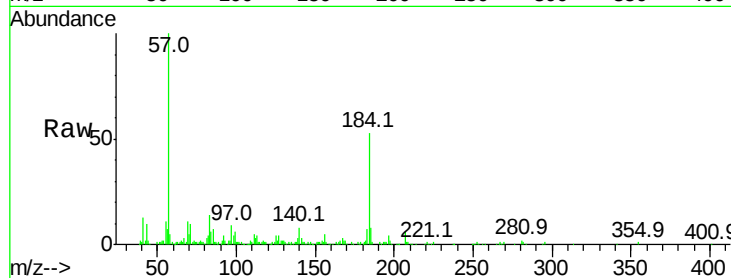
Tot Ion:184 Resp: 74445

Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

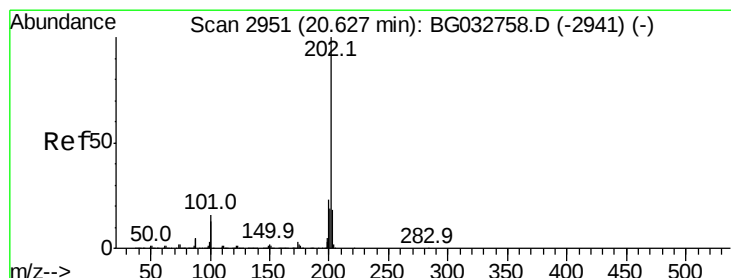
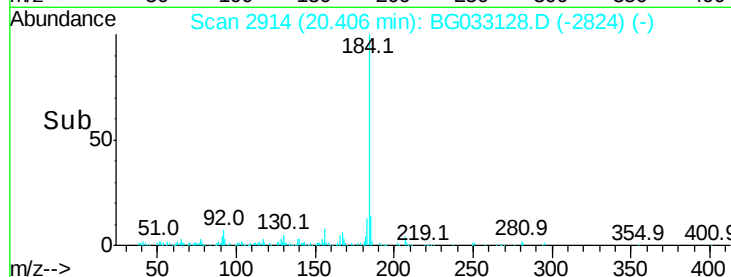
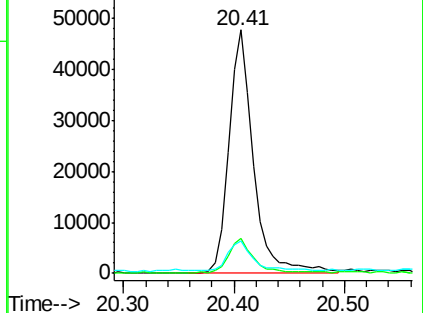
183 13.4 10.6 16.0



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: 31.450 ng

RT: 20.61 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

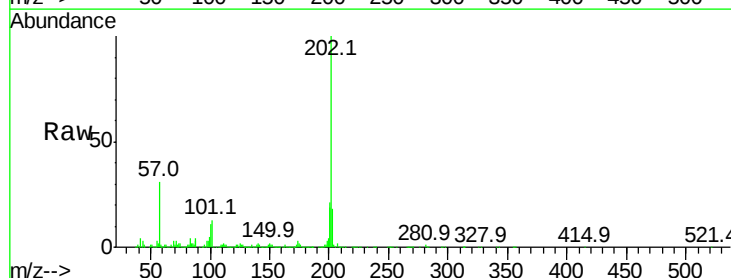
Tgt Ion:202 Resp: 513795

Ion Ratio Lower Upper

202 100

200 20.8 16.9 25.3

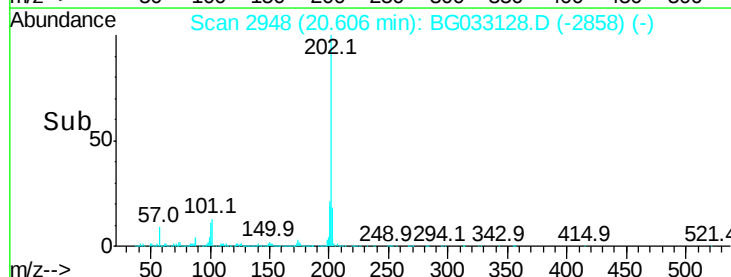
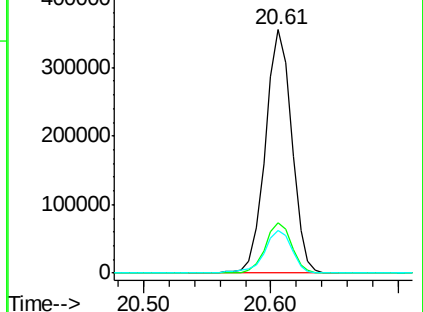
203 17.7 13.9 20.9

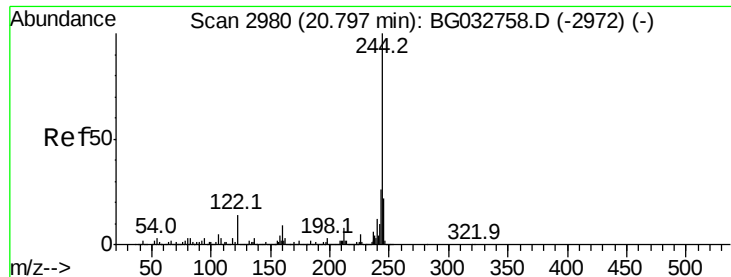


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 74.014 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

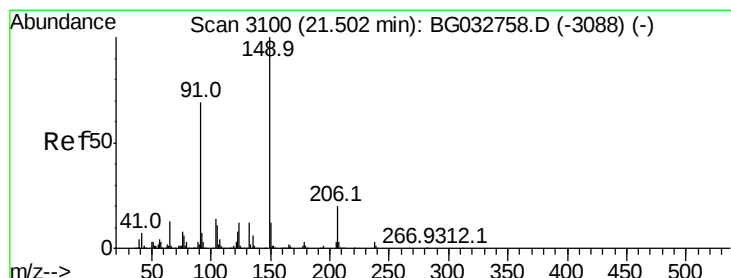
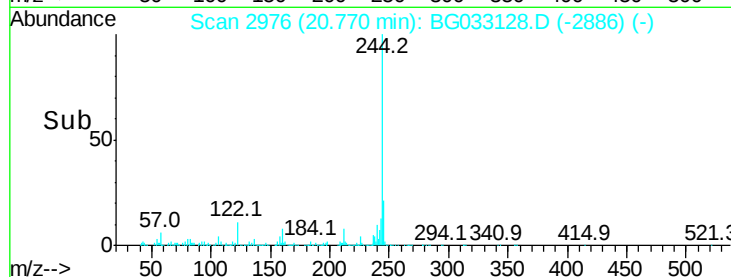
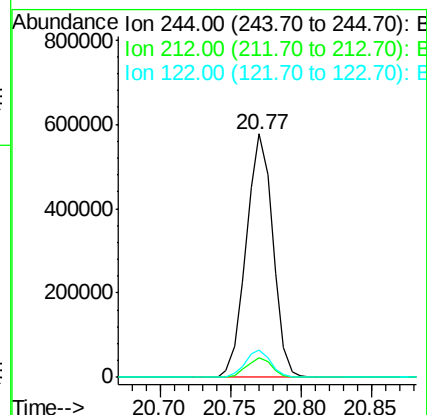
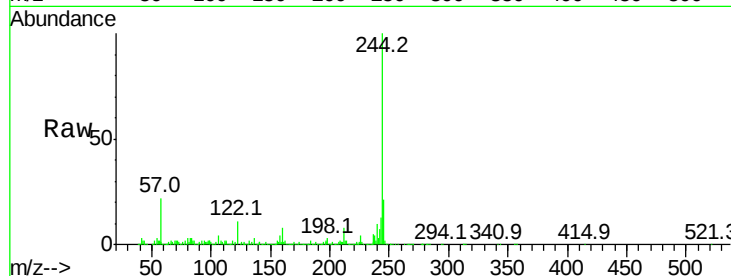
Tot Ion:244 Resp: 763167

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

122 11.0 7.0 10.4#



#79

Butylbenzylphthalate

Concen: 34.962 ng

RT: 21.46 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

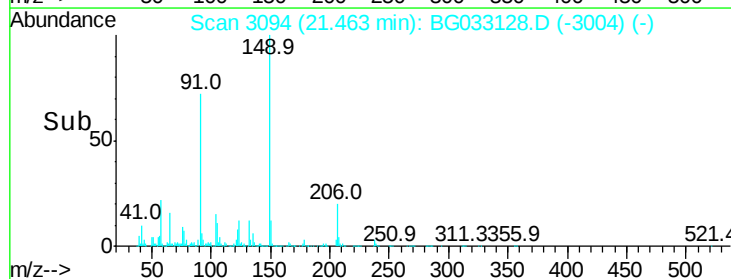
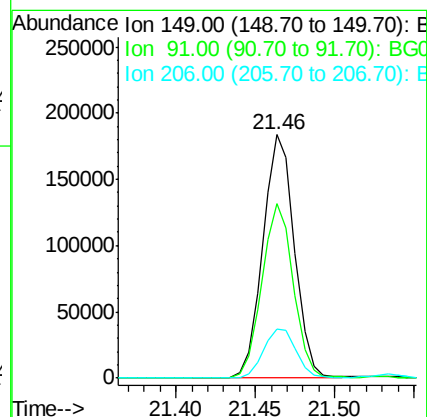
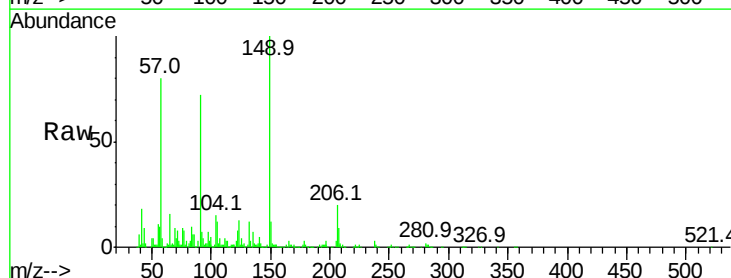
Tgt Ion:149 Resp: 253240

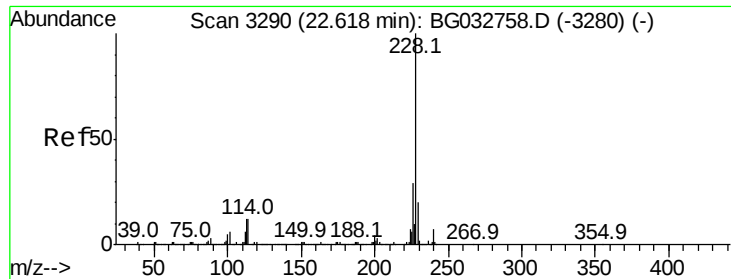
Ion Ratio Lower Upper

149 100

91 71.8 62.2 93.2

206 20.4 18.6 27.8

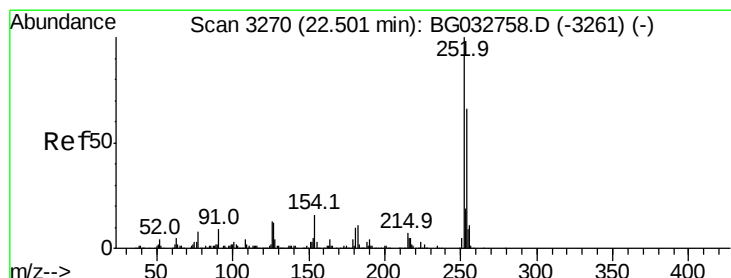
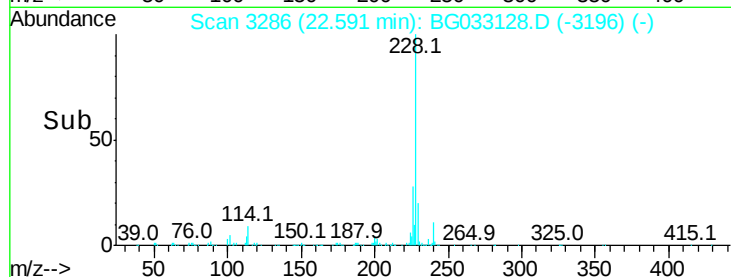
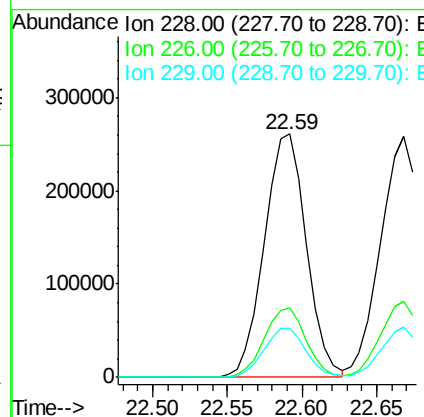
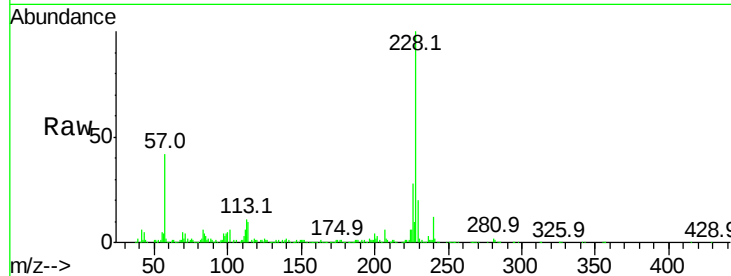




#80
Benzo(a)anthracene
Concen: 34.335 ng
RT: 22.59 min Scan# 3286
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

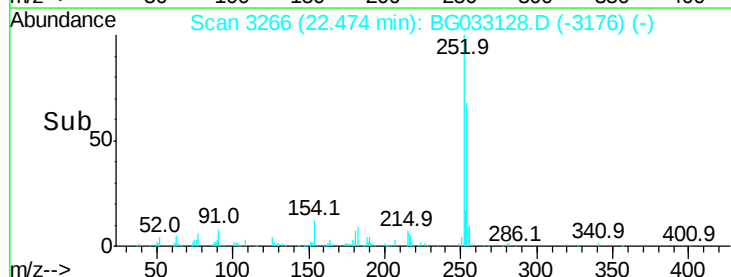
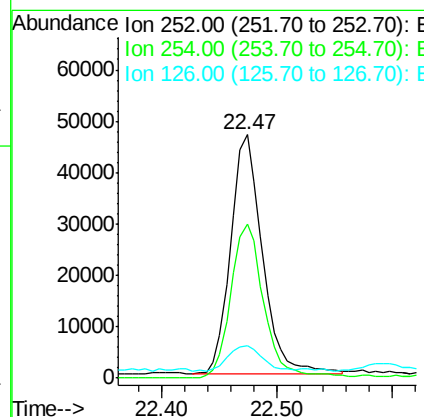
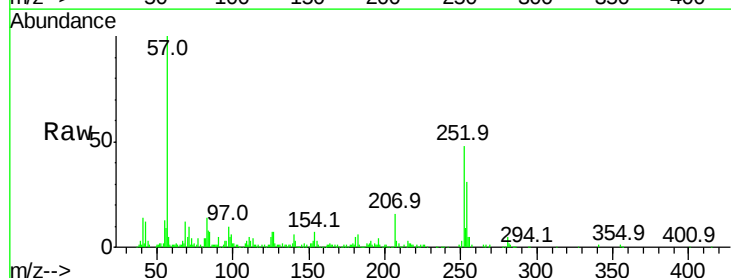
Instrument :
BNA_G
ClientSampleId :

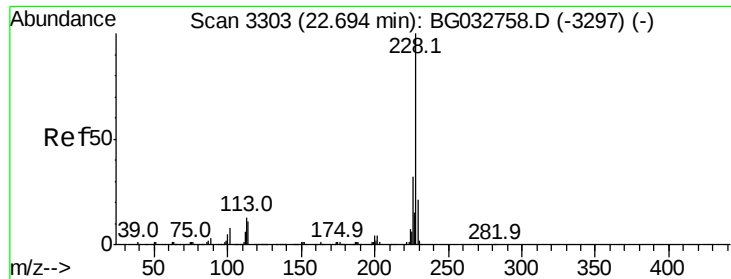
Tot Ion:228 Resp: 510063
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 19.9 16.2 24.2



#81
3,3'-Dichlorobenzidine
Concen: 16.093 ng
RT: 22.47 min Scan# 3266
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion:252 Resp: 88545
Ion Ratio Lower Upper
252 100
254 63.3 50.8 76.2
126 13.6 7.4 11.2#





#82

Chrysene

Concen: 34.413 ng

RT: 22.67 min Scan# 3299

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

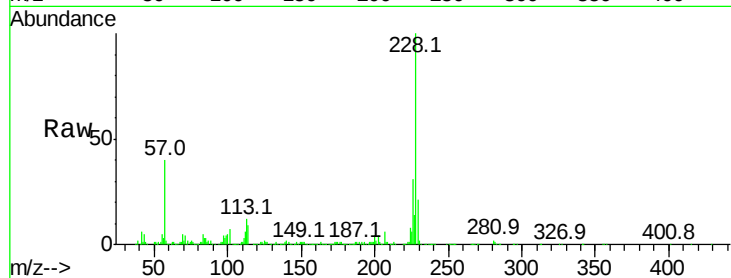
Tot Ion:228 Resp: 488339

Ion Ratio Lower Upper

228 100

226 31.4 24.9 37.3

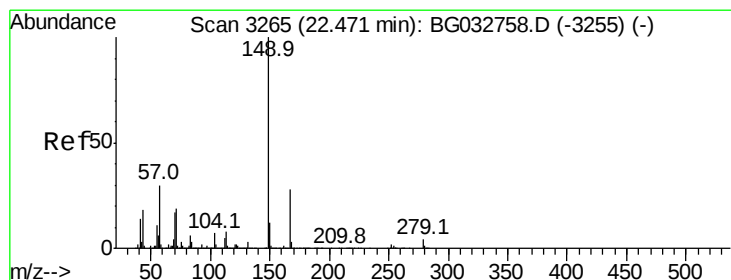
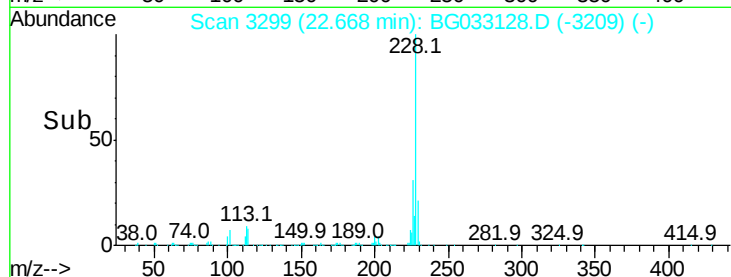
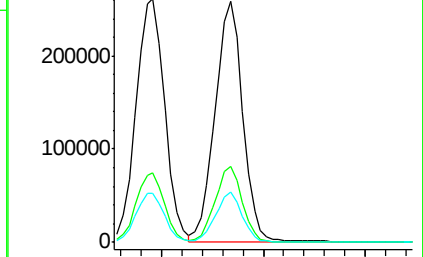
229 20.8 15.0 22.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 34.659 ng

RT: 22.41 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

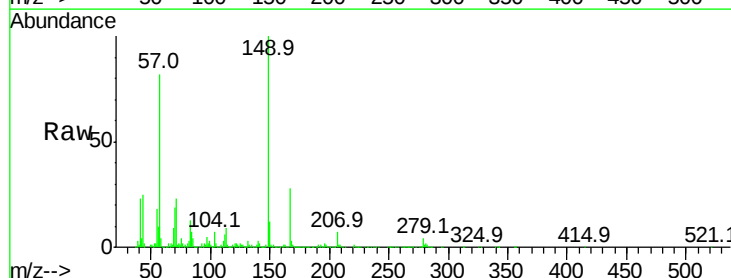
Tgt Ion:149 Resp: 371603

Ion Ratio Lower Upper

149 100

167 27.8 24.3 36.5

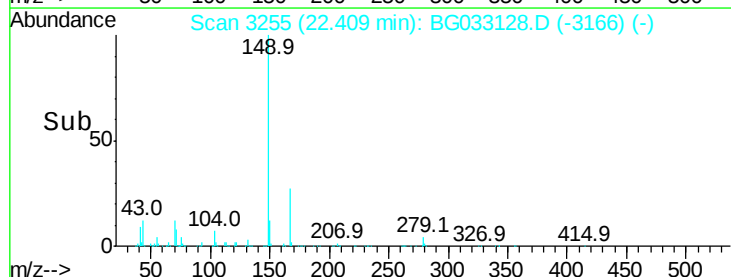
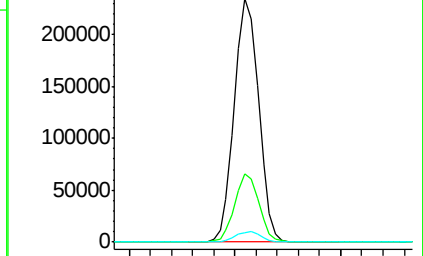
279 4.1 4.0 6.0

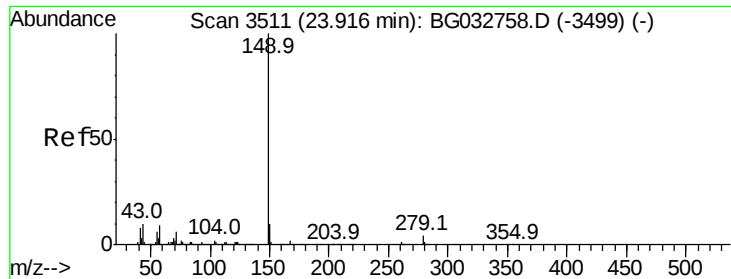


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

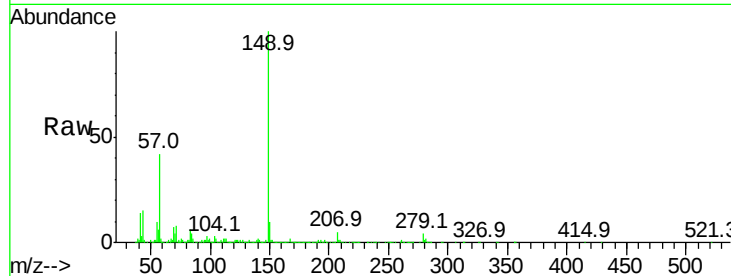




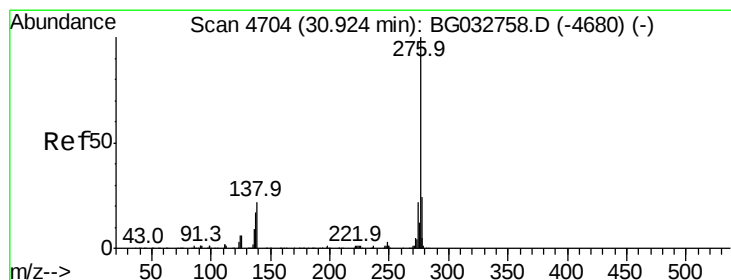
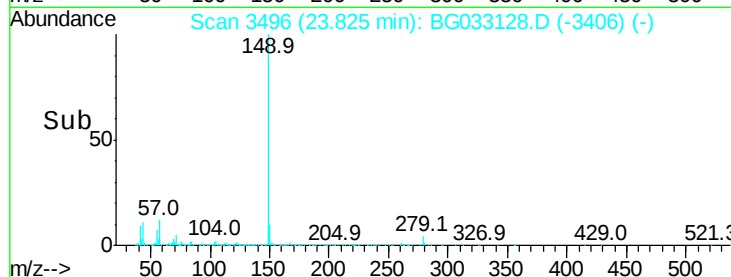
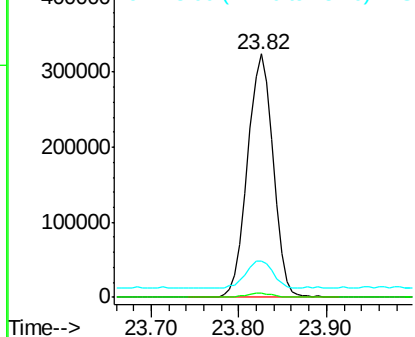
#84
Di-n-octyl phthalate
Concen: 39.018 ng
RT: 23.82 min Scan# 3496
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 637662
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 12.2 8.9 13.3

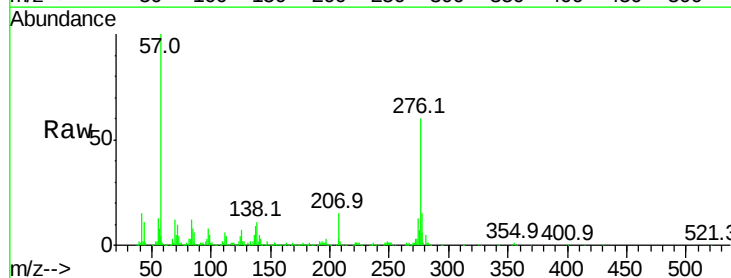


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

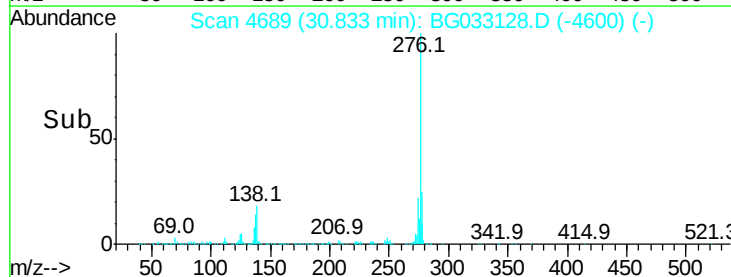
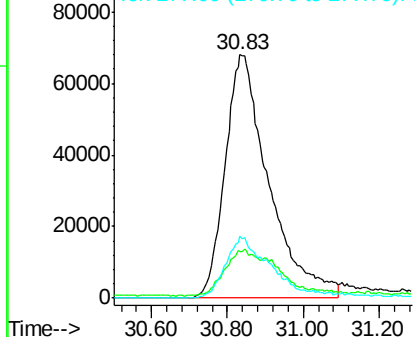


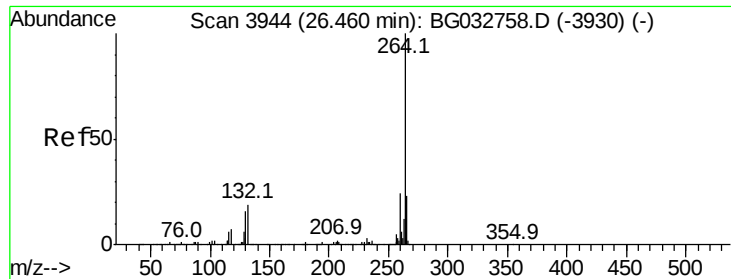
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.992 ng
RT: 30.83 min Scan# 4689
Delta R.T. -0.01 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion:276 Resp: 545997
Ion Ratio Lower Upper
276 100
138 13.6 16.0 24.0#
277 25.2 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



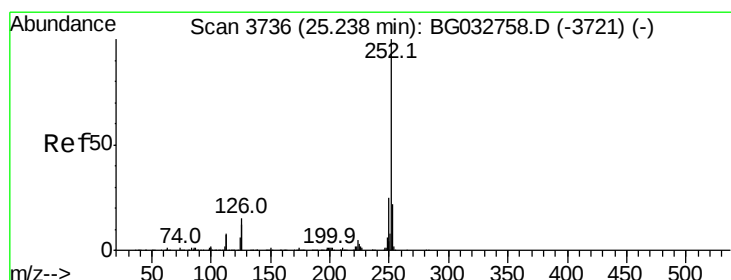
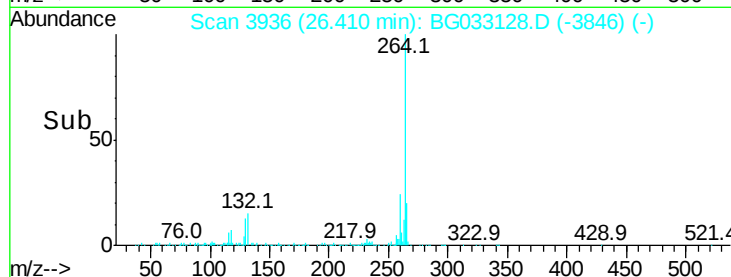
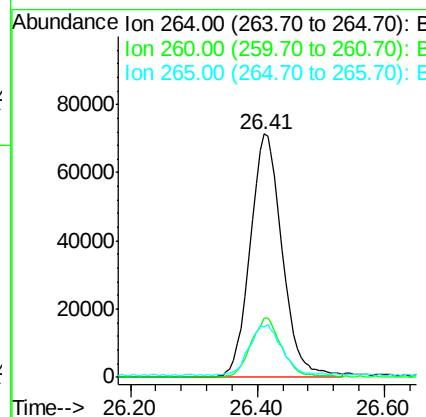
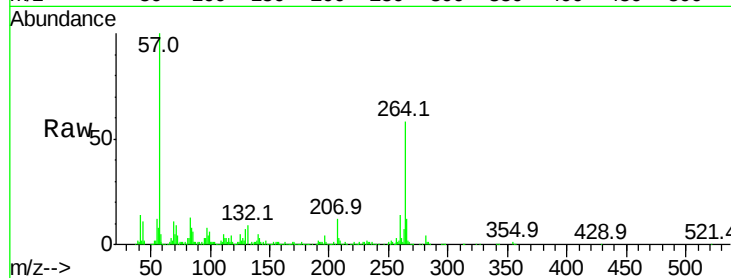


#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.41 min Scan# 3936
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 251918

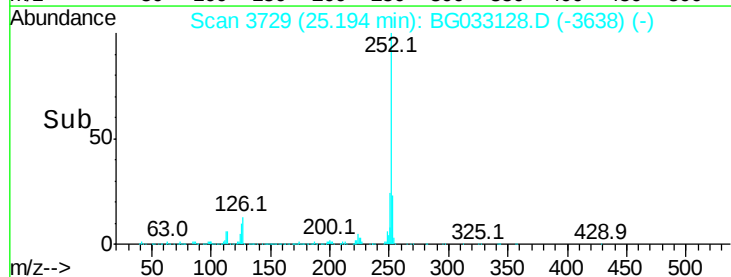
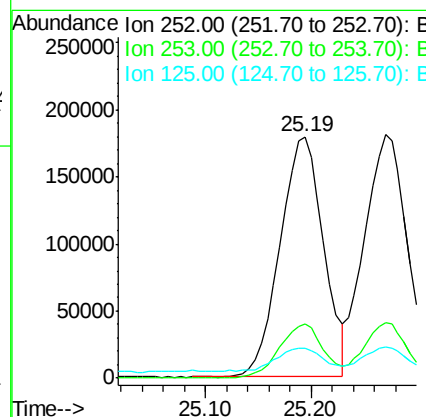
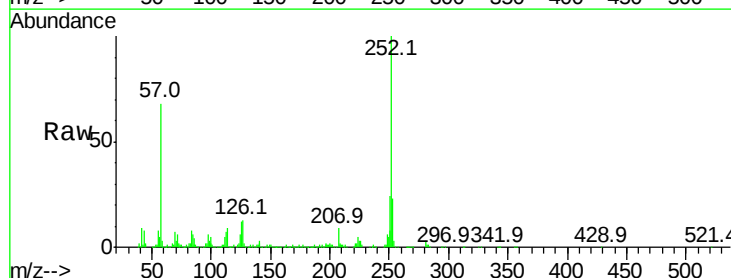
Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	20.8	17.7	26.5

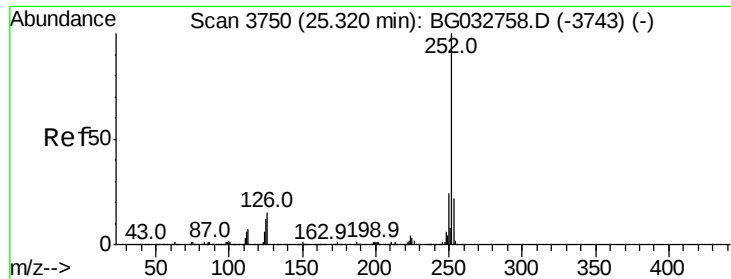


#87
Benzo(b)fluoranthene
Concen: 34.286 ng
RT: 25.19 min Scan# 3729
Delta R.T. 0.01 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion:252 Resp: 510700

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	12.4	7.2	10.8

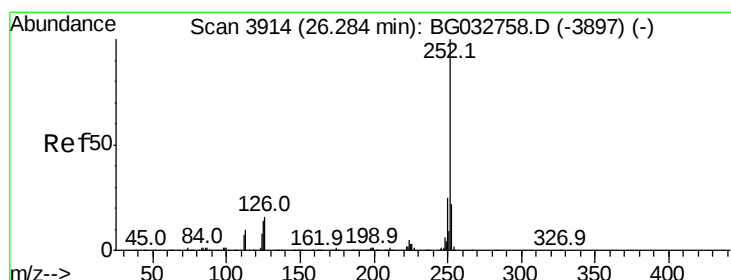
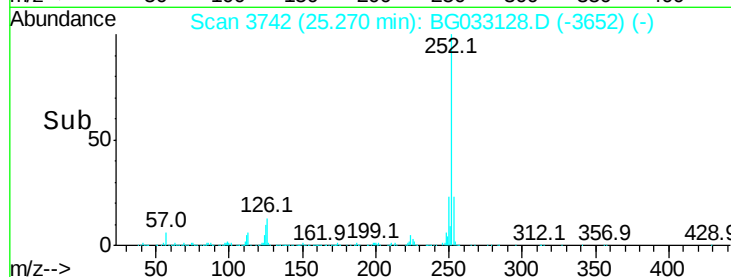
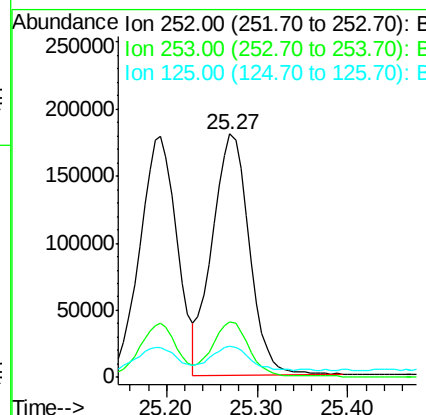
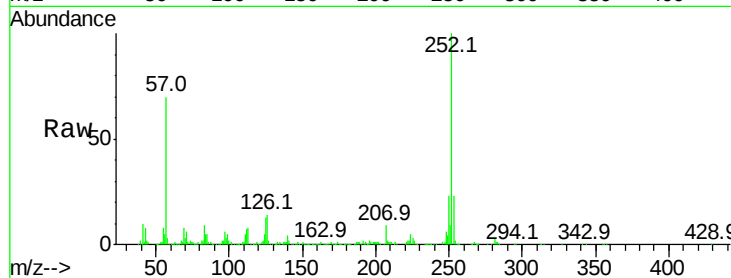




#88
Benzo(k)fluoranthene
Concen: 34.533 ng
RT: 25.27 min Scan# 3742
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

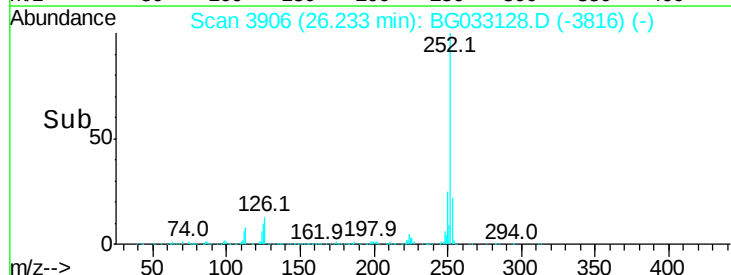
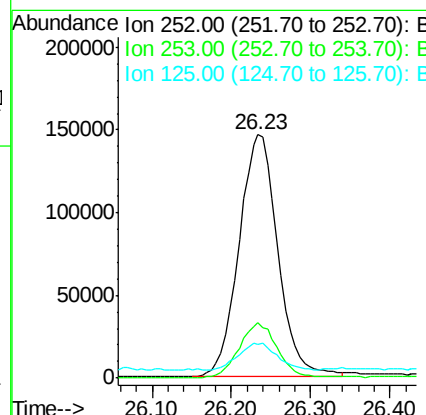
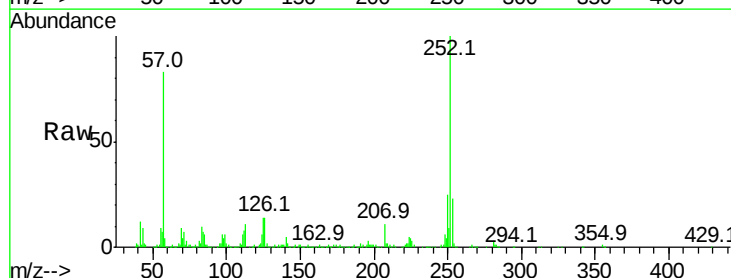
Instrument :
BNA_G
ClientSampleId :

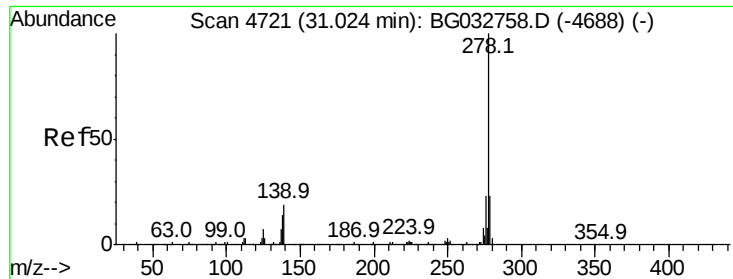
Tot Ion:252 Resp: 511204
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 13.0 6.6 9.8#



#89
Benzo(a)pyrene
Concen: 35.101 ng
RT: 26.23 min Scan# 3906
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion:252 Resp: 497294
Ion Ratio Lower Upper
252 100
253 22.7 18.3 27.5
125 14.0 7.3 10.9#





#90

Dibenzo(a,h)anthracene

Concen: 30.404 ng

RT: 30.91 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

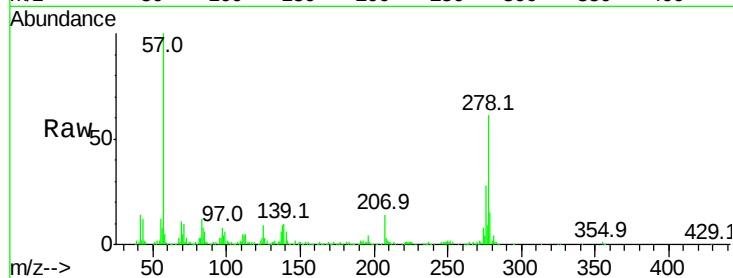
Tot Ion:278 Resp: 433573

Ion Ratio Lower Upper

278 100

139 16.7 9.8 14.6#

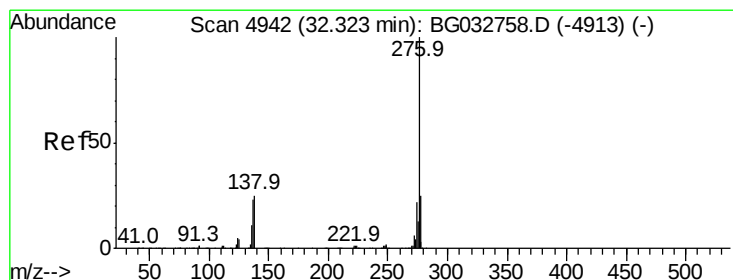
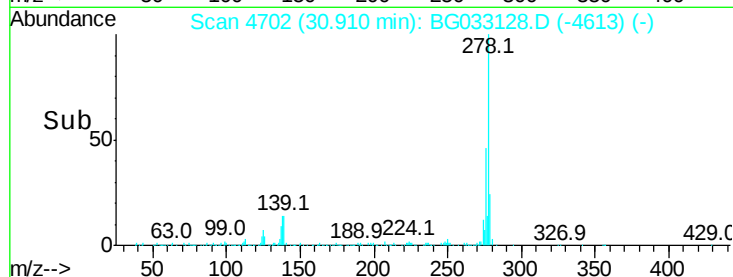
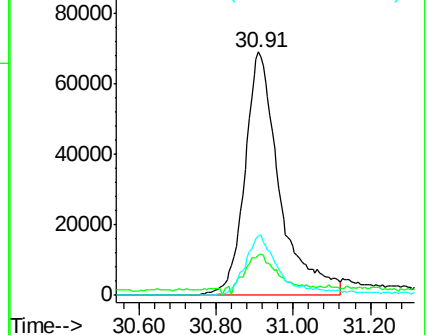
279 24.3 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 32.576 ng

RT: 32.23 min Scan# 4927

Delta R.T. 0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

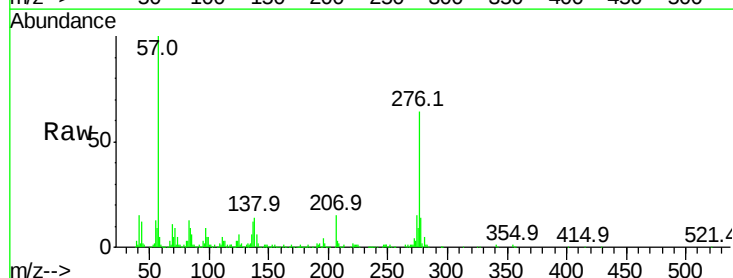
Tgt Ion:276 Resp: 457937

Ion Ratio Lower Upper

276 100

277 22.3 18.3 27.5

138 22.0 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

