

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
 Data File : BG033127.D
 Acq On : 13 Mar 2018 20:13
 Operator : SJ/JU
 Sample : PB107310BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107310BS

Quant Time: Mar 13 23:19:47 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	45271	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	197933	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	108767	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	235083	20.00	ng	0.00
75) Chrysene-d12	22.62	240	238845	20.00	ng	0.01
86) Perylene-d12	26.42	264	259674	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.34	112	264151	93.35	ng	0.02
7) Phenol-d6	8.03	99	341443	86.57	ng	0.02
23) Nitrobenzene-d5	10.12	82	308722	105.53	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	101503	88.75	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	649535	86.13	ng	0.00
78) Terphenyl-d14	20.78	244	881446	82.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.96	88	37336	30.402	ng	94
3) Pyridine	4.43	79	104308	30.816	ng	88
4) n-Nitrosodimethylamine	4.33	42	67140	49.474	ng	# 70
6) Aniline	8.21	93	64311	12.046	ng	97
8) 2-Chlorophenol	8.47	128	133517	43.108	ng	95
9) Benzaldehyde	8.02	77	57894	25.468	ng	92
10) Phenol	8.06	94	166138	41.785	ng	98
11) bis(2-Chloroethyl)ether	8.29	93	115597	35.556	ng	100
12) 1,3-Dichlorobenzene	8.80	146	131285	36.190	ng	98
13) 1,4-Dichlorobenzene	8.95	146	134795	36.914	ng	97
14) 1,2-Dichlorobenzene	9.29	146	126565	36.170	ng	94
15) Benzyl Alcohol	9.16	79	119836	41.328	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.44	45	232541	41.607	ng	98
17) 2-Methylphenol	9.36	107	112605	38.407	ng	91
18) Hexachloroethane	10.04	117	50316	40.470	ng	# 85
19) n-Nitroso-di-n-propylamine	9.73	70	99014	35.559	ng	# 92
20) 3+4-Methylphenols	9.69	107	153214	37.584	ng	93
22) Acetophenone	9.76	105	184579	36.925	ng	# 97
24) Nitrobenzene	10.16	77	143103	45.690	ng	93
25) Isophorone	10.69	82	266600	38.374	ng	96
26) 2-Nitrophenol	10.89	139	70330	58.483	ng	94
27) 2,4-Dimethylphenol	10.92	122	133741	44.314	ng	93
28) bis(2-Chloroethoxy)methane	11.16	93	156415	38.647	ng	95
29) 2,4-Dichlorophenol	11.44	162	123624	45.133	ng	93
30) 1,2,4-Trichlorobenzene	11.65	180	121448	37.825	ng	97
31) Naphthalene	11.85	128	388860	37.597	ng	99
32) Benzoic acid	10.92	122	133741	62.703	ng	# 7
33) 4-Chloroaniline	11.95	127	66674	14.417	ng	99
34) Hexachlorobutadiene	12.12	225	72218	40.099	ng	96
35) Caprolactam	12.71	113	44975	41.006	ng	93
36) 4-Chloro-3-methylphenol	13.02	107	140078	43.945	ng	94
37) 2-Methylnaphthalene	13.40	142	279177	37.309	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	128750	39.876	ng	# 98
40) Hexachlorocyclopentadiene	13.73	237	107270	65.190	ng	91

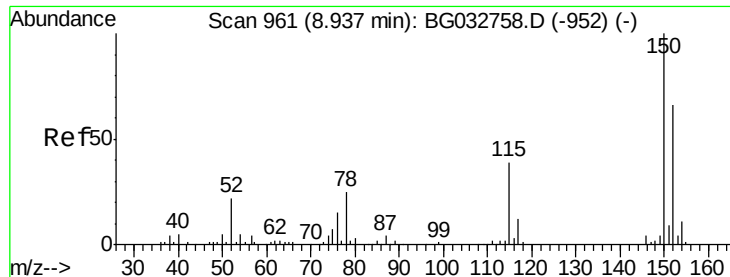
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
 Data File : BG033127.D
 Acq On : 13 Mar 2018 20:13
 Operator : SJ/JU
 Sample : PB107310BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	88557	43.492	nq	98
43) 2,4,5-Trichlorophenol	14.06	196	98454	41.777	nq	# 95
45) 1,1'-Biphenyl	14.37	154	342721	36.059	nq	96
46) 2-Chloronaphthalene	14.43	162	266045	37.472	nq	97
47) 2-Nitroaniline	14.61	65	98513	53.580	nq	96
48) Acenaphthylene	15.27	152	423469	36.431	nq	99
49) Dimethylphthalate	14.96	163	333423	36.103	nq	100
50) 2,6-Dinitrotoluene	15.09	165	72311	47.434	nq	97
51) Acenaphthene	15.59	154	255326	35.270	nq	96
52) 3-Nitroaniline	15.42	138	55785	32.407	nq	# 88
53) 2,4-Dinitrophenol	15.64	184	400	4.568	nq	# 87
54) Dibenzofuran	15.92	168	397513	38.564	nq	91
55) 4-Nitrophenol	15.71	139	84579	58.056	nq	92
56) 2,4-Dinitrotoluene	15.86	165	102586	55.196	nq	92
57) Fluorene	16.56	166	317694	37.342	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	46109	25.200	nq	# 89
59) Diethylphthalate	16.29	149	359122	36.868	nq	97
60) 4-Chlorophenyl-phenylether	16.54	204	163598	39.308	nq	91
61) 4-Nitroaniline	16.58	138	76763	39.455	nq	95
62) Azobenzene	16.83	77	332449	38.150	nq	97
64) 4,6-Dinitro-2-methylphenol	16.62	198	3980	11.786	nq	90
65) n-Nitrosodiphenylamine	16.75	169	290939	38.043	nq	99
66) 4-Bromophenyl-phenylether	17.43	248	97774	39.334	nq	# 87
67) Hexachlorobenzene	17.56	284	106614	39.689	nq	95
68) Atrazine	17.67	200	106459	42.291	nq	97
69) Pentachlorophenol	17.90	266	16504	9.754	nq	97
70) Phenanthrene	18.30	178	499649	38.097	nq	99
71) Anthracene	18.39	178	515220	39.129	nq	99
72) Carbazole	18.65	167	470914	36.285	nq	# 97
73) Di-n-butylphthalate	19.14	149	592757	37.229	nq	98
74) Fluoranthene	20.25	202	546077	37.693	nq	95
76) Benzidine	20.41	184	71192	8.744	nq	# 91
77) Pyrene	20.61	202	574678	34.119	nq	98
79) Butylbenzylphthalate	21.47	149	282574	37.839	nq	93
80) Benzo(a)anthracene	22.60	228	561557	36.665	nq	99
81) 3,3'-Dichlorobenzidine	22.48	252	87031	15.343	nq	# 66
82) Chrysene	22.67	228	536433	36.665	nq	98
83) Bis(2-ethylhexyl)phthalate	22.41	149	387238	35.031	nq	99
84) Di-n-octyl phthalate	23.82	149	697773	41.413	nq	# 99
85) Indeno(1,2,3-cd)pyrene	30.84	276	626583	36.722	nq	95
87) Benzo(b)fluoranthene	25.19	252	575611	37.490	nq	# 92
88) Benzo(k)fluoranthene	25.28	252	574564	37.654	nq	# 92
89) Benzo(a)pyrene	26.24	252	551672	37.777	nq	# 90
90) Dibenzo(a,h)anthracene	30.93	278	522658	35.556	nq	# 95
91) Benzo(g,h,i)perylene	32.24	276	539616	37.240	nq	# 95

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

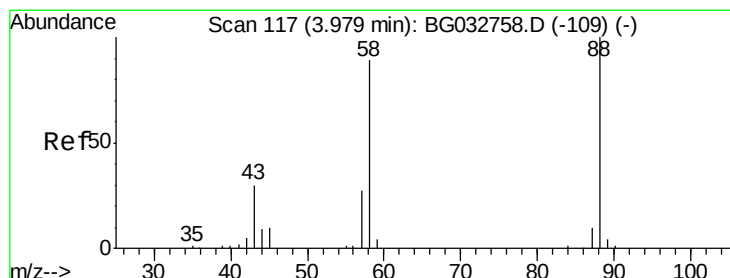
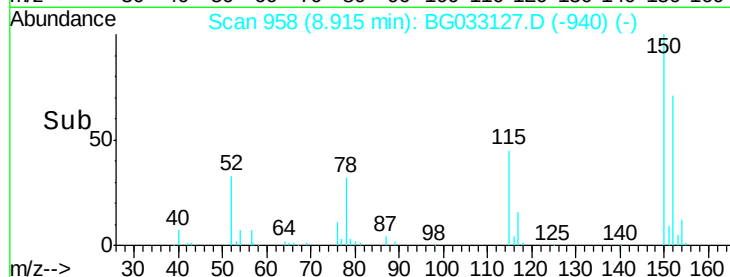
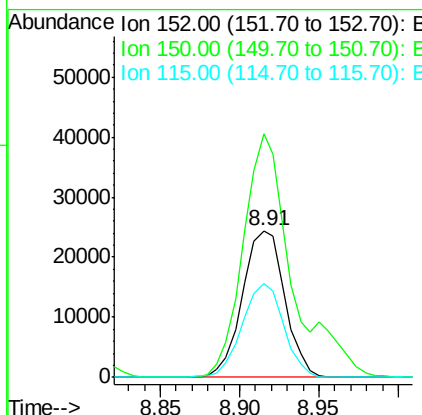
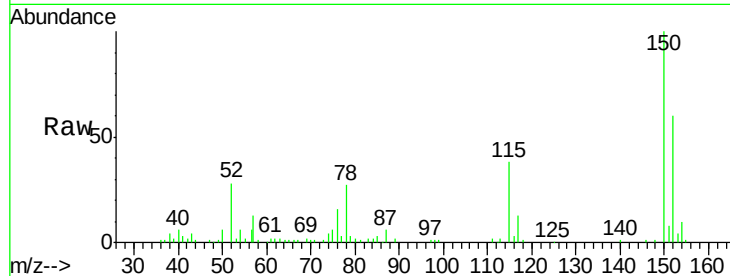


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 958
Delta R.T. 0.01 min
Lab File: BG033127.D
Acq: 13 Mar 2018 20:13

Instrument :
BNA_G
ClientSampleId :
PB107310BS

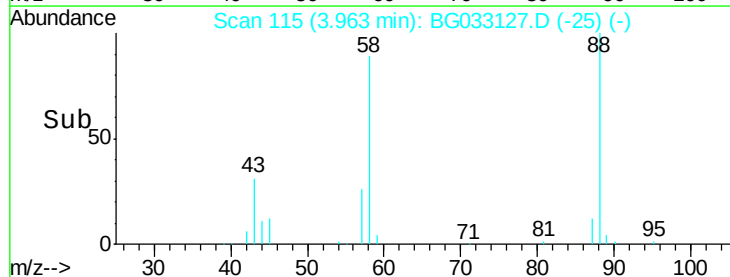
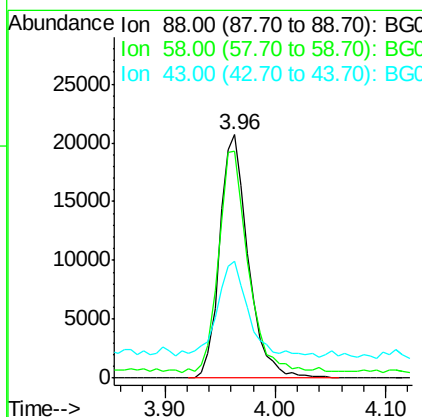
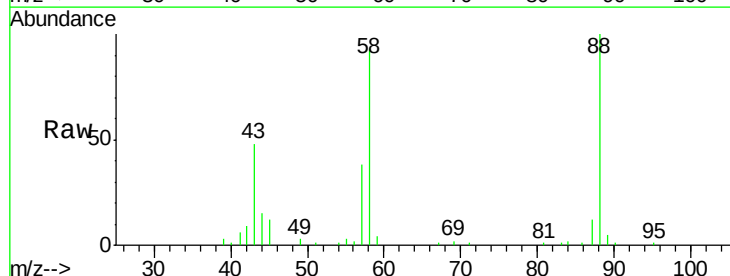
Tot Ion:152 Resp: 45271
Ion Ratio Lower Upper
152 100
150 165.7 126.6 189.8
115 63.7 53.0 79.4

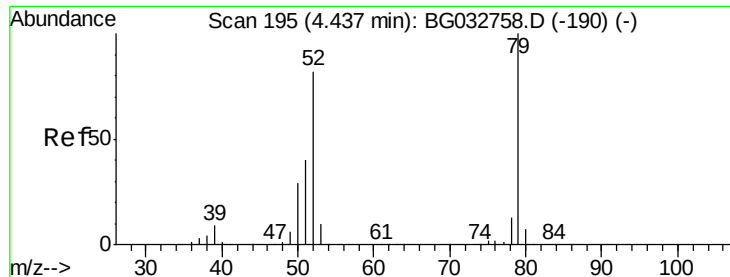


#2

1,4-Dioxane
Concen: 30.402 ng
RT: 3.96 min Scan# 115
Delta R.T. -0.00 min
Lab File: BG033127.D
Acq: 13 Mar 2018 20:13

Tgt Ion: 88 Resp: 37336
Ion Ratio Lower Upper
88 100
58 92.9 79.6 119.4
43 37.1 27.4 41.0





#3

Pvridine

Concen: 30.816 ng

RT: 4.43 min Scan# 195

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PB107310BS

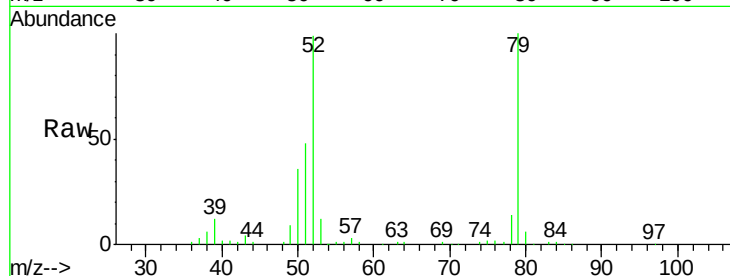
Tot Ion: 79 Resp: 104308

Ion Ratio Lower Upper

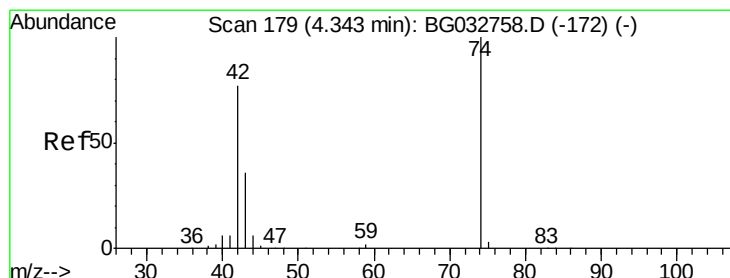
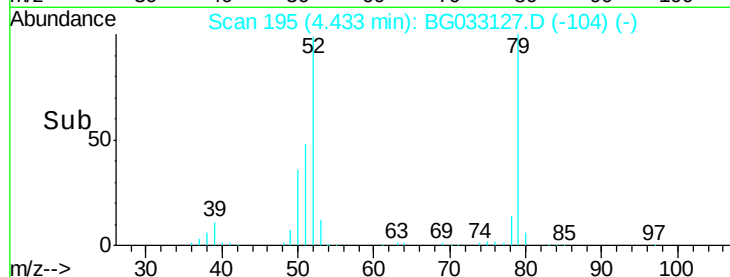
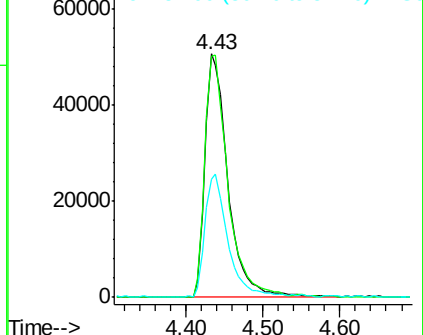
79 100

52 99.2 69.9 104.9

51 48.5 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: 49.474 ng

RT: 4.33 min Scan# 178

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

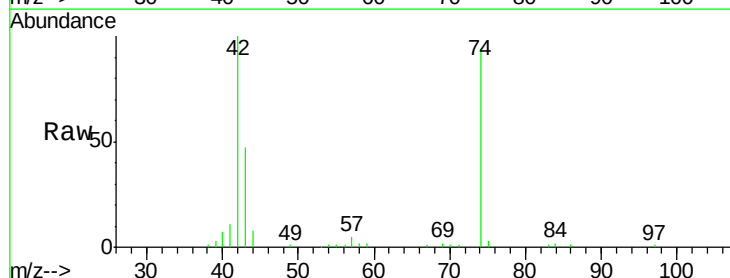
Tgt Ion: 42 Resp: 67140

Ion Ratio Lower Upper

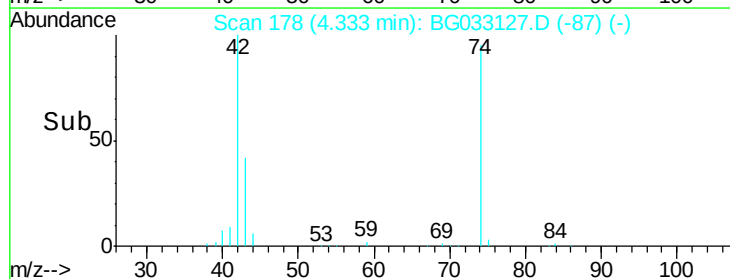
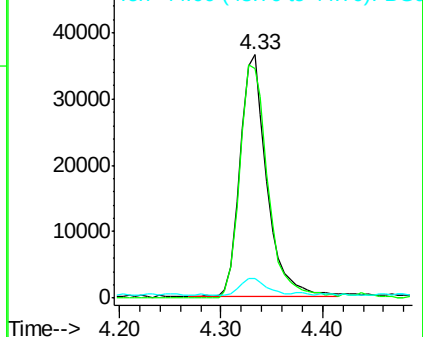
42 100

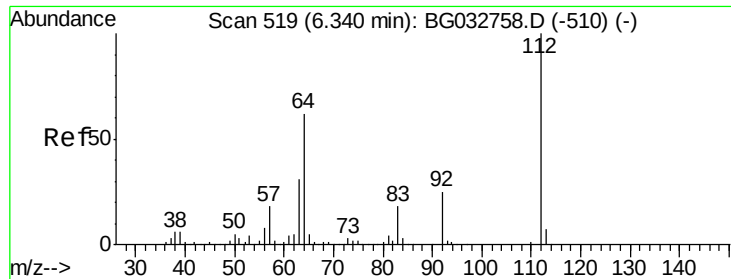
74 94.4 102.5 153.7#

44 8.0 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: 93.350 ng

RT: 6.34 min Scan# 520

Delta R.T. 0.02 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PB107310BS

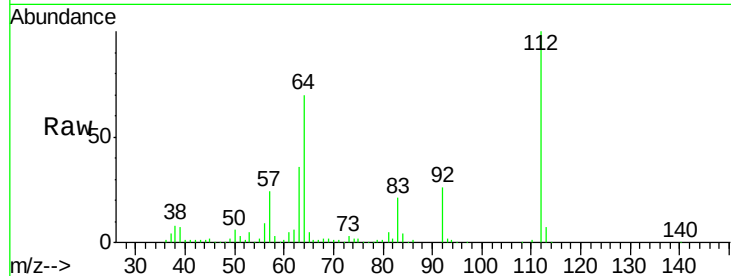
Tot Ion:112 Resp: 264151

Ion Ratio Lower Upper

112 100

64 69.6 56.3 84.5

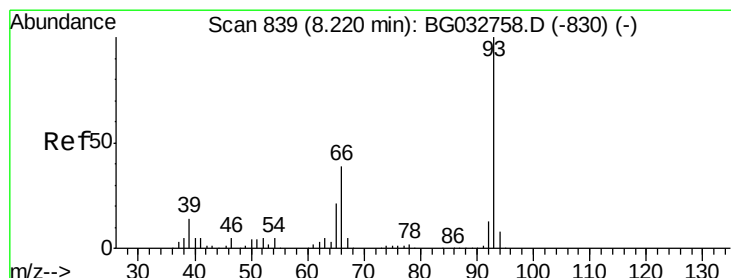
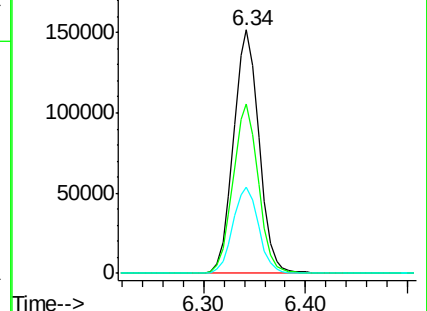
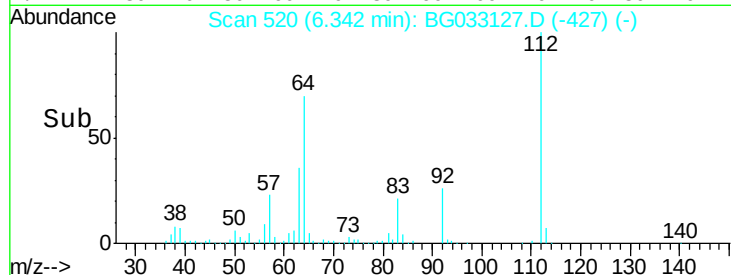
63 35.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.046 ng

RT: 8.21 min Scan# 838

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

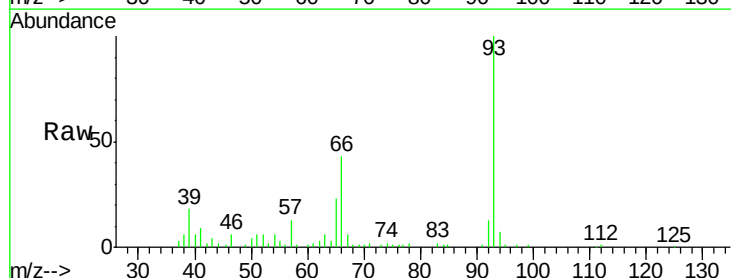
Tgt Ion: 93 Resp: 64311

Ion Ratio Lower Upper

93 100

66 43.1 33.7 50.5

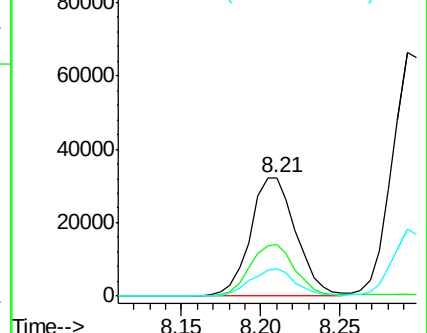
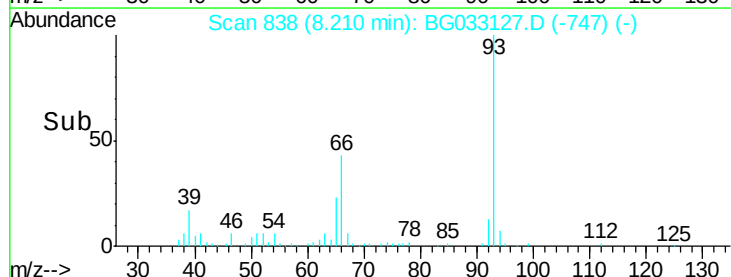
65 22.6 16.1 24.1

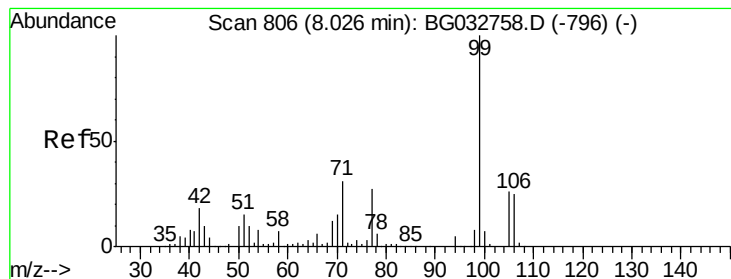


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 86.568 ng

RT: 8.03 min Scan# 807

Delta R.T. 0.02 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PB107310BS

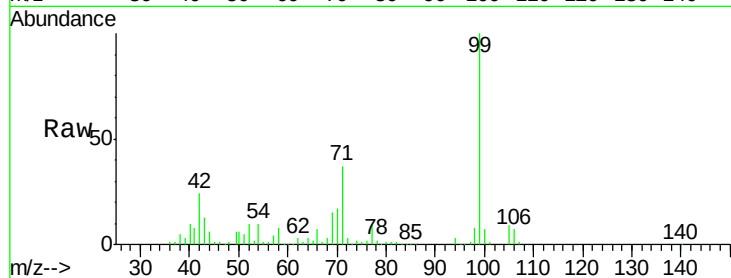
Tot Ion: 99 Resp: 341443

Ion Ratio Lower Upper

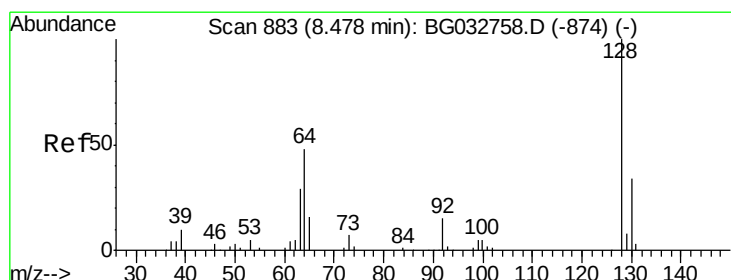
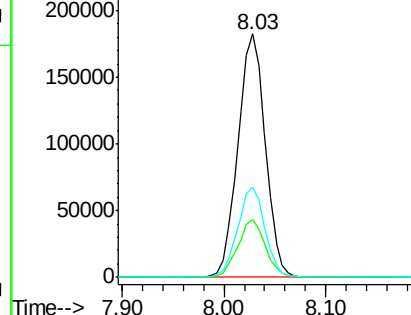
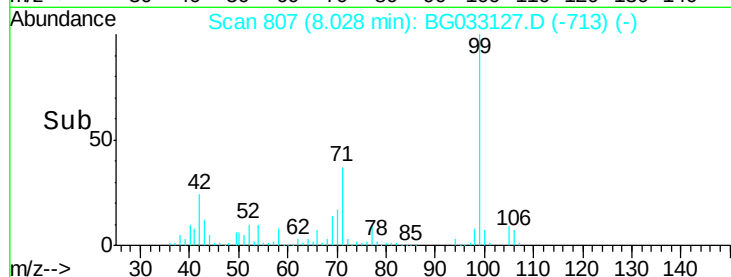
99 100

42 24.0 14.1 21.1#

71 37.1 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: 43.108 ng

RT: 8.47 min Scan# 882

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

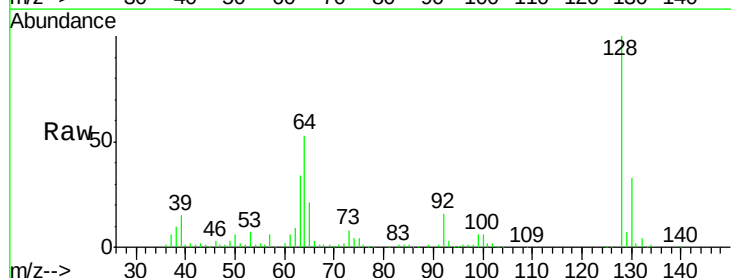
Tgt Ion:128 Resp: 133517

Ion Ratio Lower Upper

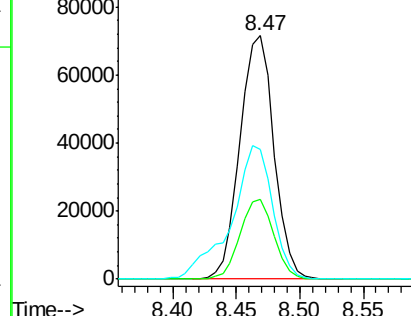
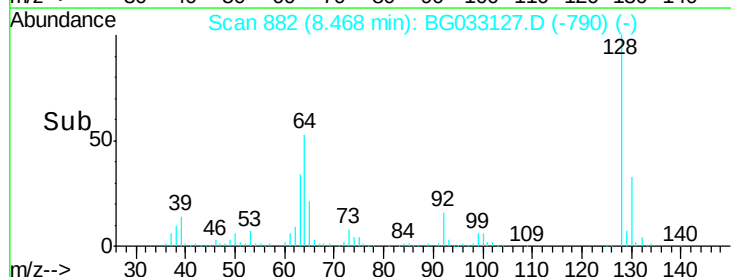
128 100

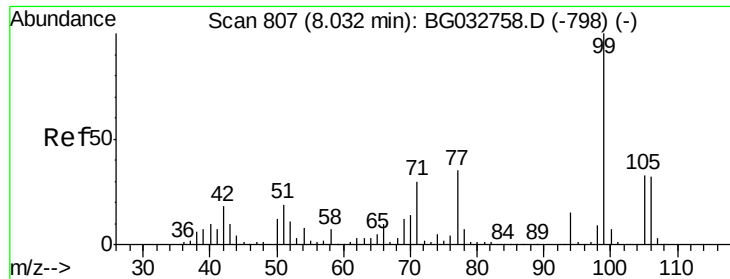
130 32.7 14.0 54.0

64 53.3 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: 25.468 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Instrument :

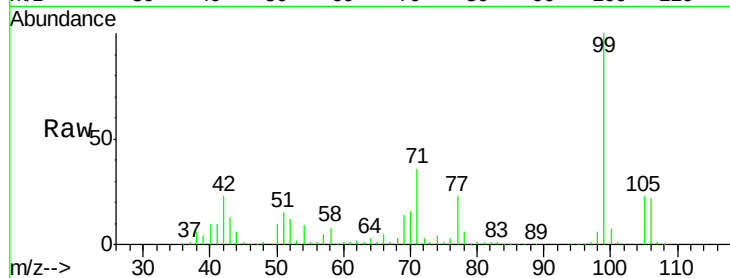
BNA_G

ClientSampleId :

PB107310BS

Tot Ion: 77 Resp: 57894

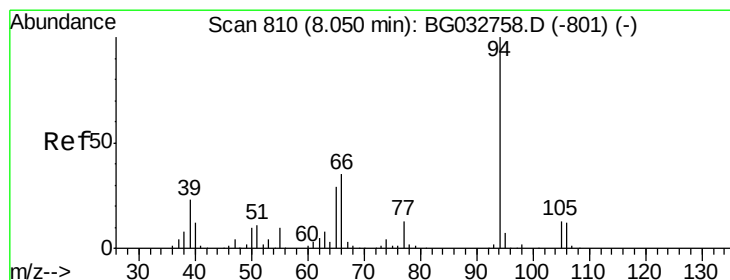
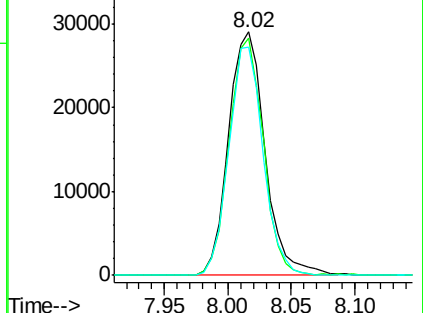
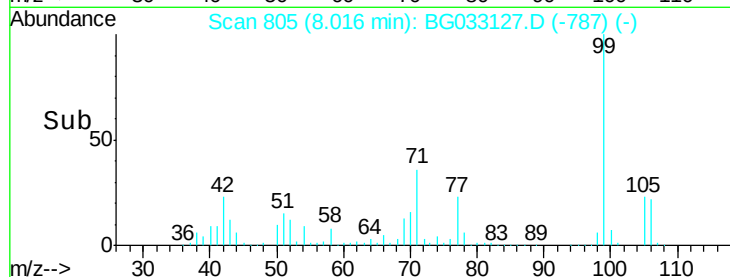
Ion	Ratio	Lower	Upper
77	100		
105	97.3	71.3	111.3
106	93.6	64.2	104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.785 ng

RT: 8.06 min Scan# 812

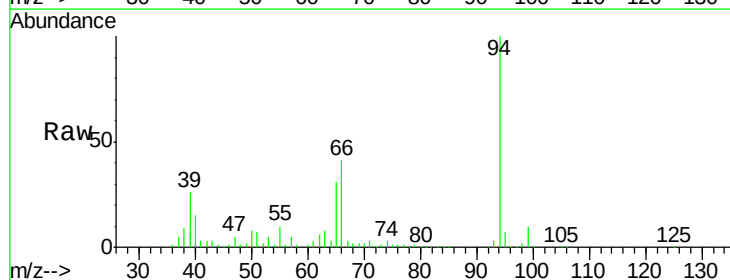
Delta R.T. 0.02 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Tgt Ion: 94 Resp: 166138

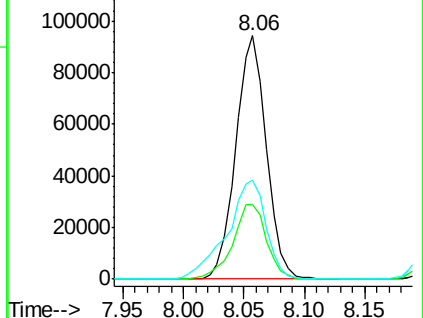
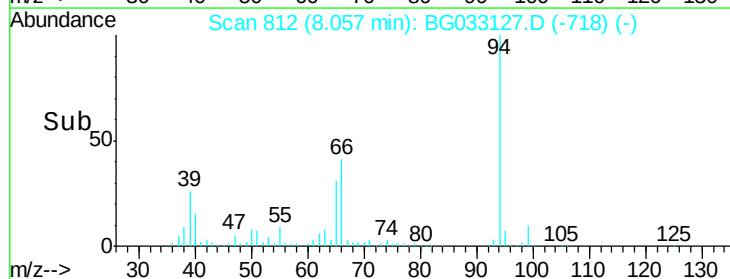
Ion	Ratio	Lower	Upper
94	100		
65	30.9	11.9	51.9
66	40.7	22.2	62.2

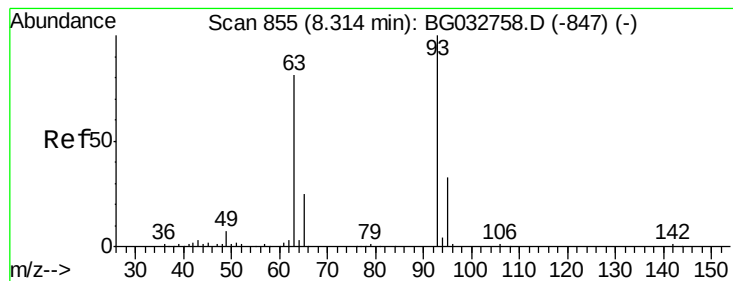


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 35.556 ng

RT: 8.29 min Scan# 852

Delta R.T. -0.00 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PB107310BS

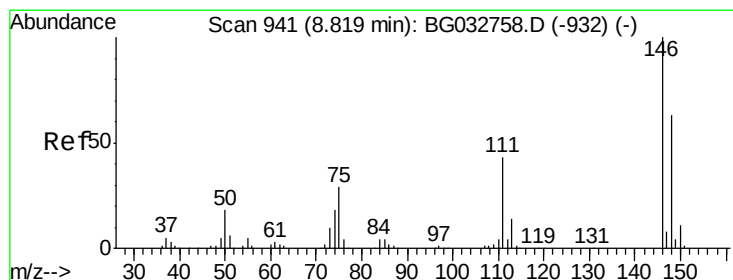
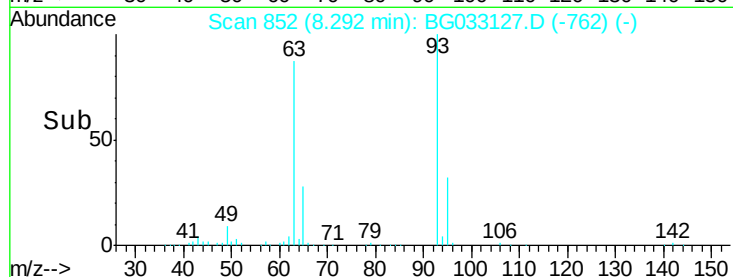
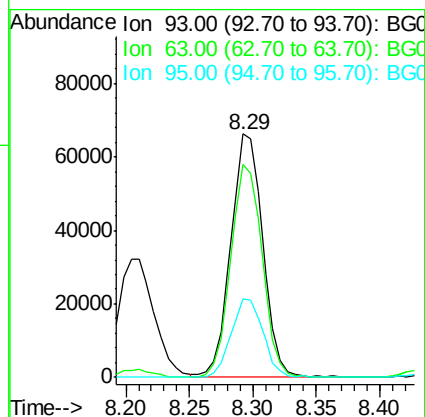
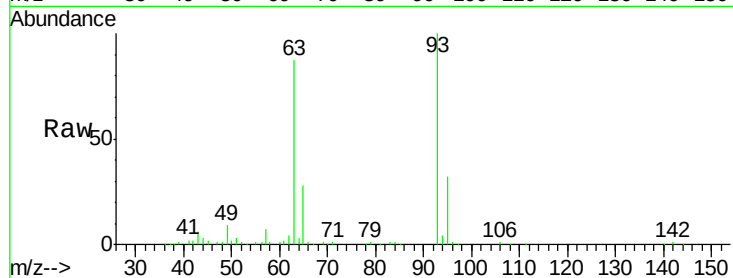
Tot Ion: 93 Resp: 11597

Ion Ratio Lower Upper

93 100

63 87.3 67.1 107.1

95 32.3 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 36.190 ng

RT: 8.80 min Scan# 938

Delta R.T. -0.00 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

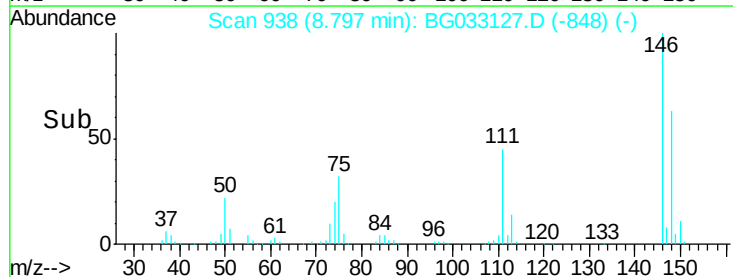
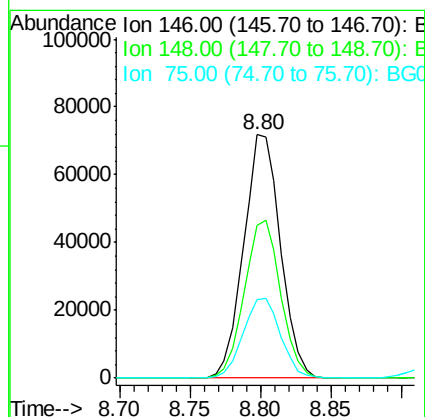
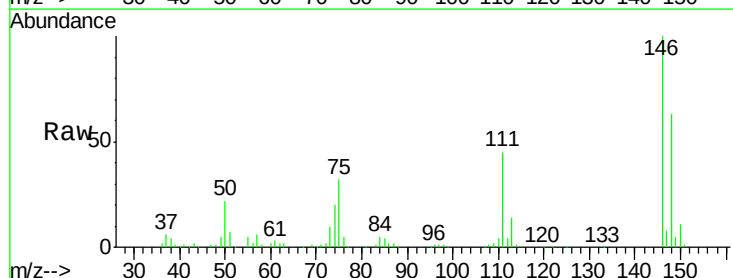
Tgt Ion: 146 Resp: 131285

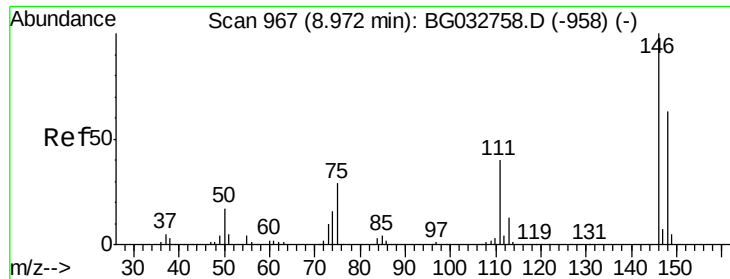
Ion Ratio Lower Upper

146 100

148 62.8 51.4 77.2

75 32.2 26.6 39.8

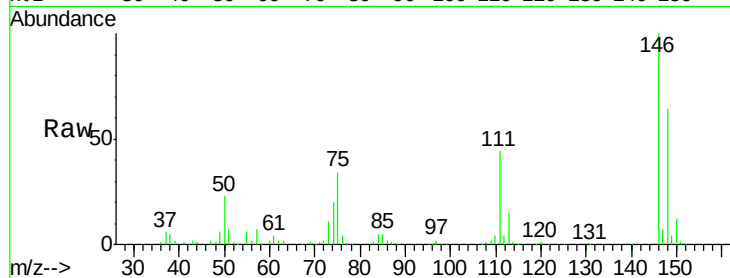




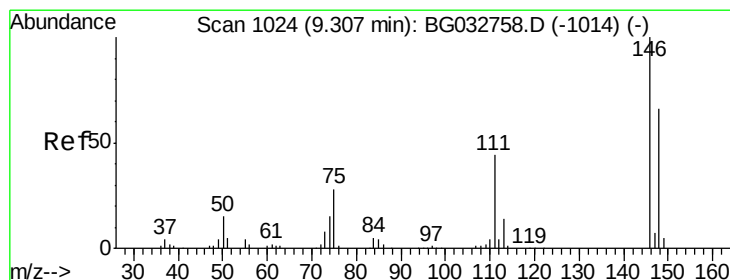
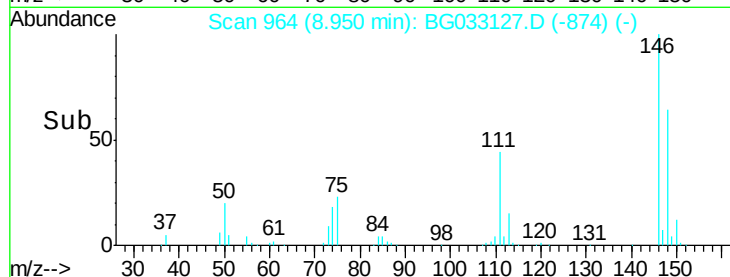
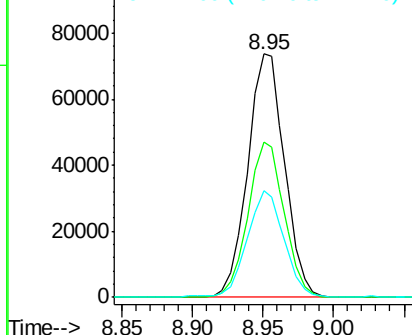
#13
1,4-Dichlorobenzene
Concen: 36.914 ng
RT: 8.95 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG033127.D
Acq: 13 Mar 2018 20:13

Instrument :
BNA_G
ClientSampleId :
PB107310BS

Tot Ion:146 Resp: 134795
Ion Ratio Lower Upper
146 100
148 63.7 53.7 80.5
111 43.8 35.2 52.8

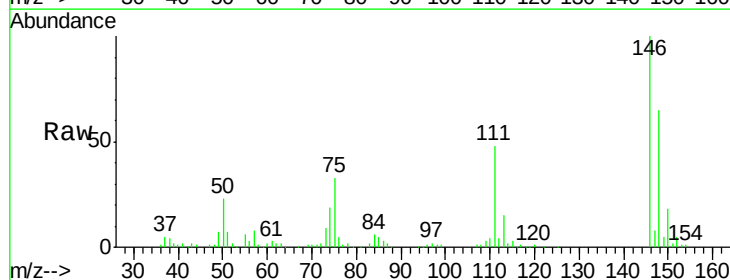


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

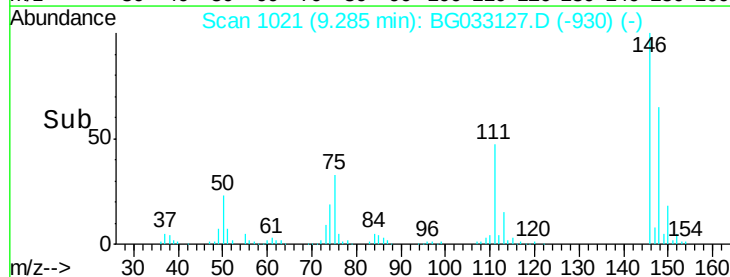
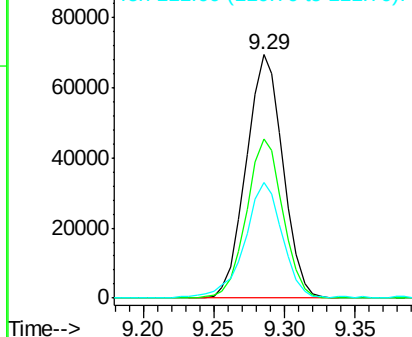


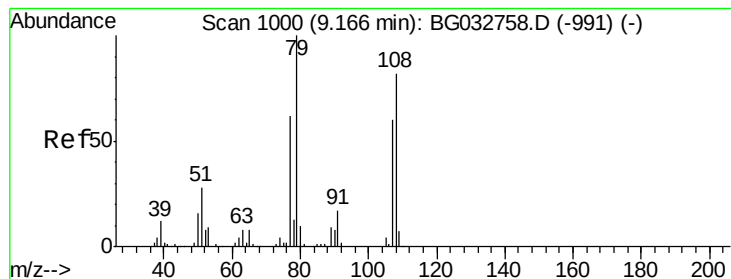
#14
1,2-Dichlorobenzene
Concen: 36.170 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BG033127.D
Acq: 13 Mar 2018 20:13

Tgt Ion:146 Resp: 126565
Ion Ratio Lower Upper
146 100
148 65.4 49.3 73.9
111 47.6 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 41.328 ng

RT: 9.16 min Scan# 999

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PB107310BS

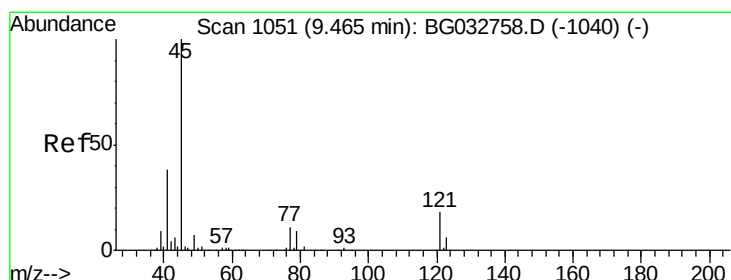
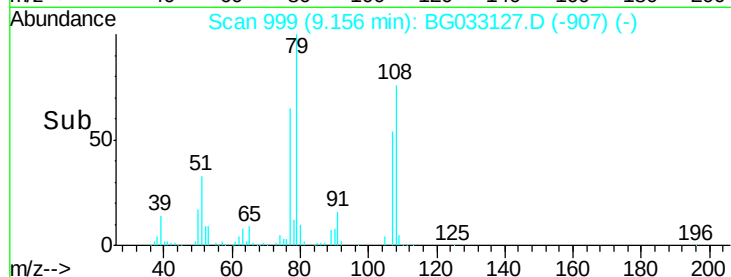
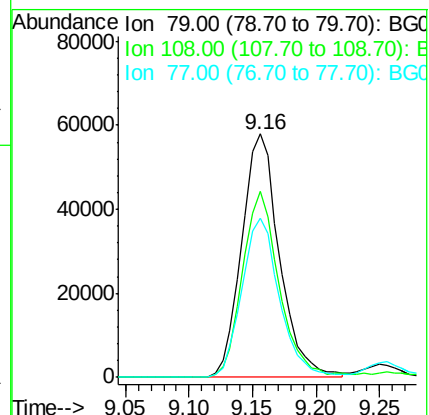
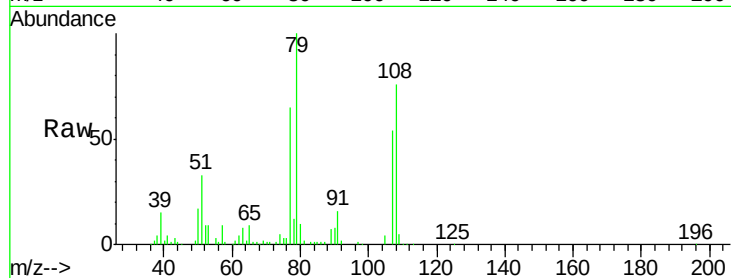
Tot Ion: 79 Resp: 119836

Ion Ratio Lower Upper

79 100

108 76.2 57.2 85.8

77 65.5 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.607 ng

RT: 9.44 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

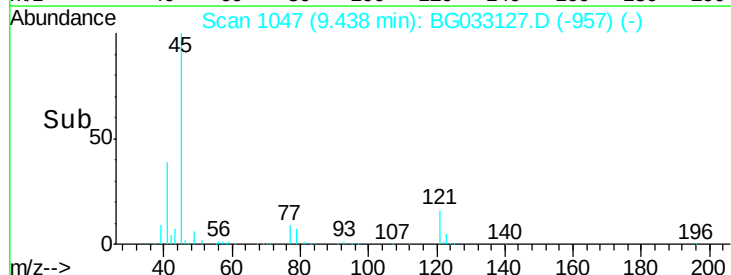
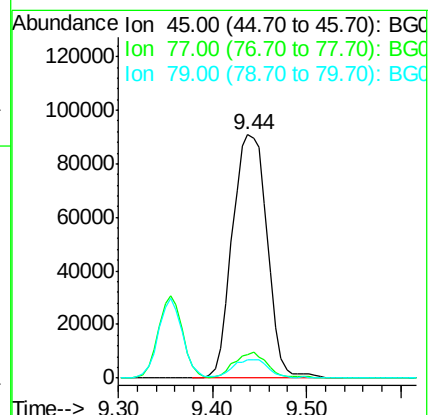
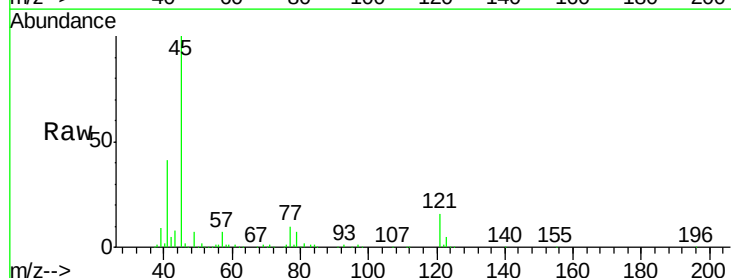
Tgt Ion: 45 Resp: 232541

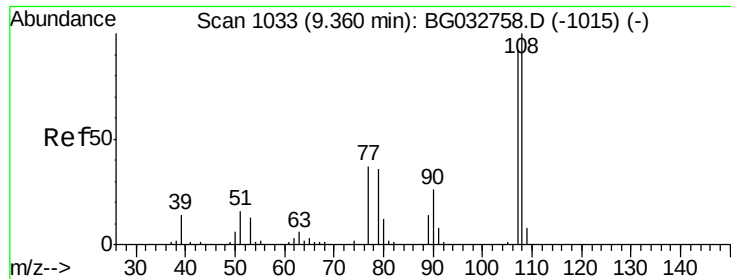
Ion Ratio Lower Upper

45 100

77 9.5 0.0 30.2

79 7.5 0.0 27.9





#17

2-Methylphenol

Concen: 38.407 ng

RT: 9.36 min Scan# 1033

Delta R.T. 0.02 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PB107310BS

Tot Ion:107 Resp: 112605

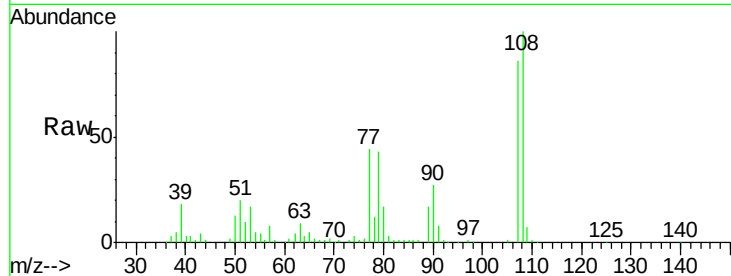
Ion Ratio Lower Upper

107 100

108 115.7 83.9 125.9

77 51.1 37.2 55.8

79 49.2 36.2 54.2

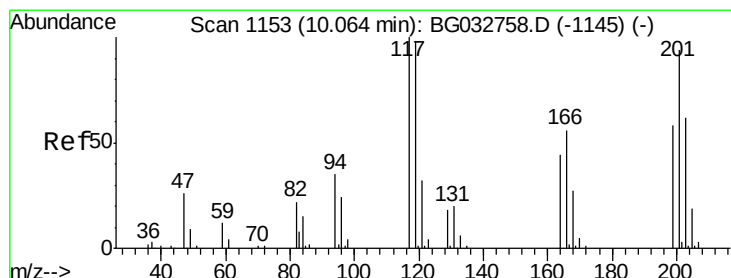
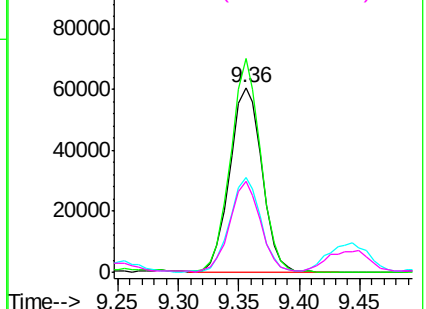
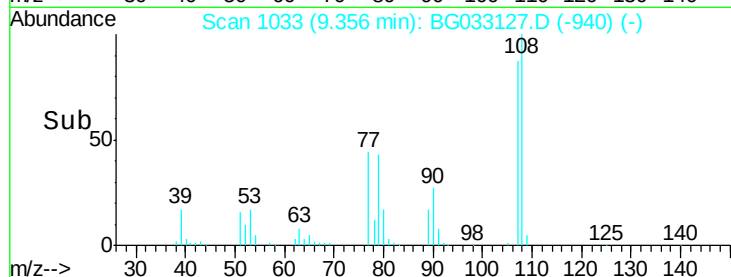


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.470 ng

RT: 10.04 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

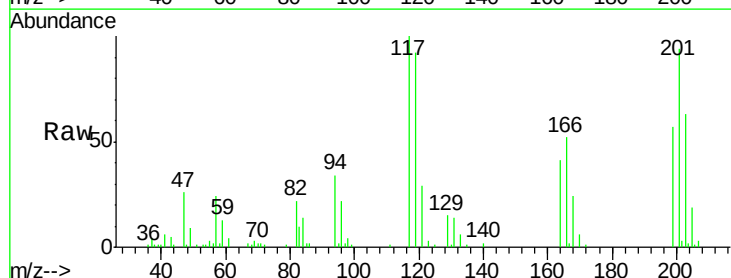
Tgt Ion:117 Resp: 50316

Ion Ratio Lower Upper

117 100

119 91.8 76.7 115.1

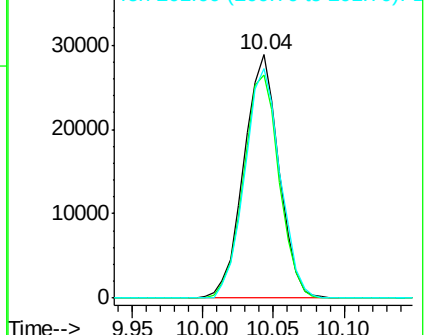
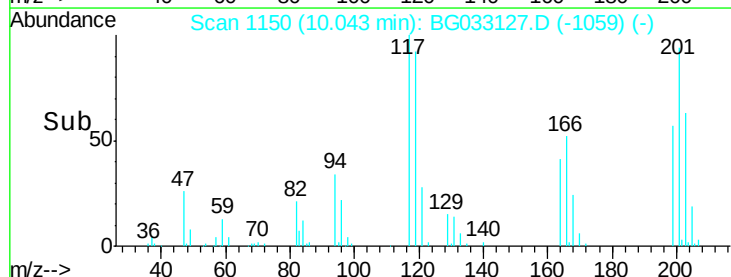
201 94.3 95.7 143.5#

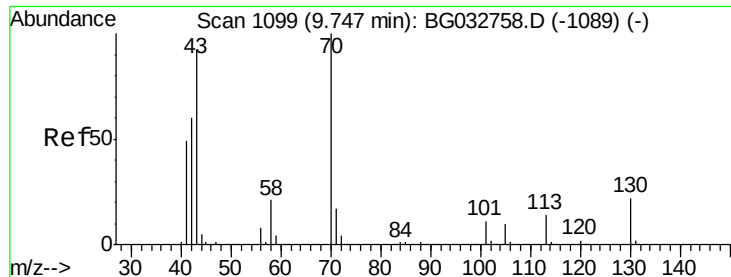


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

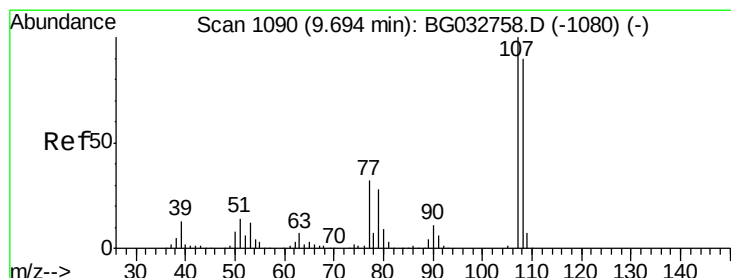
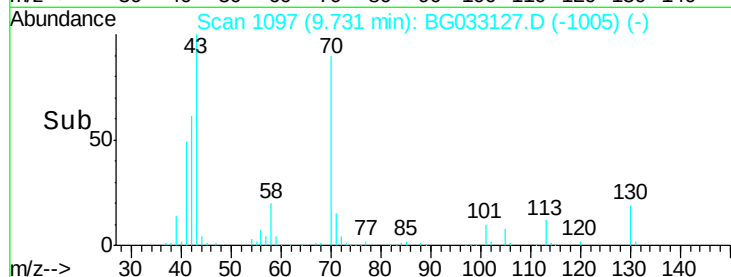
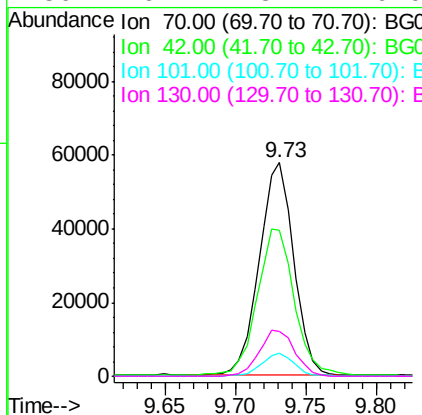
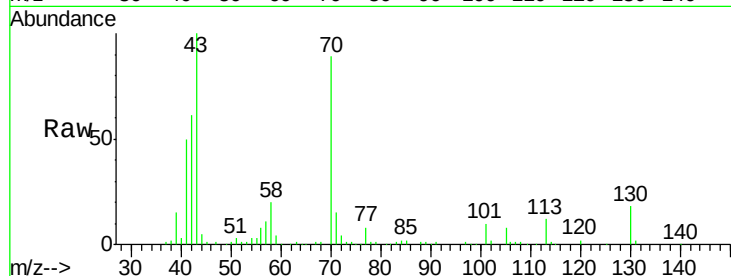




#19
n-Nitroso-di-n-propylamine
Concen: 35.559 ng
RT: 9.73 min Scan# 1097
Delta R.T. 0.01 min
Lab File: BG033127.D
Acq: 13 Mar 2018 20:13

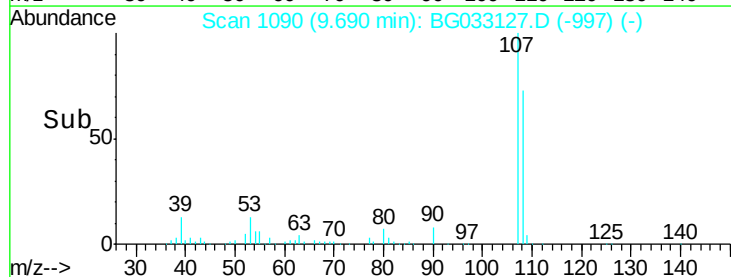
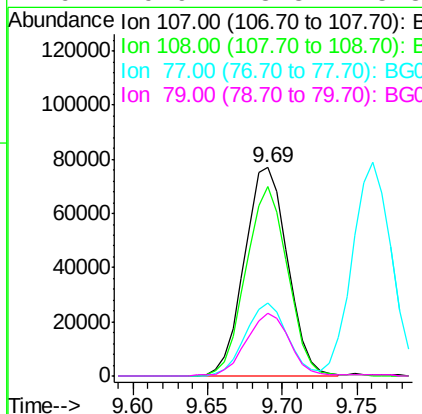
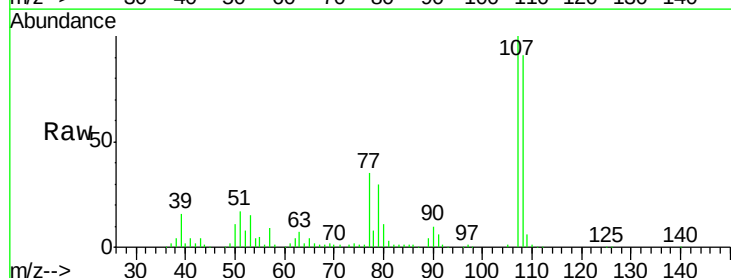
Instrument :
BNA_G
ClientSampleId :
PB107310BS

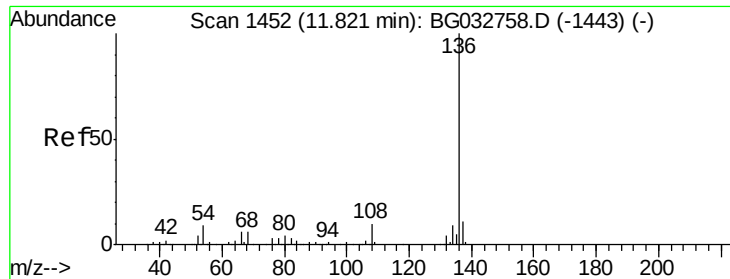
Tot Ion: 70 Resp: 99014
Ion Ratio Lower Upper
70 100
42 68.0 49.1 73.7
101 10.7 8.5 12.7
130 20.7 13.4 20.0#



#20
3+4-Methylphenols
Concen: 37.584 ng
RT: 9.69 min Scan# 1090
Delta R.T. 0.02 min
Lab File: BG033127.D
Acq: 13 Mar 2018 20:13

Tgt Ion: 107 Resp: 153214
Ion Ratio Lower Upper
107 100
108 91.0 61.6 101.6
77 35.3 13.9 53.9
79 29.9 8.8 48.8

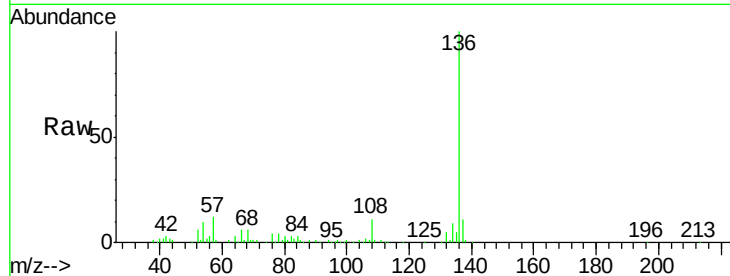




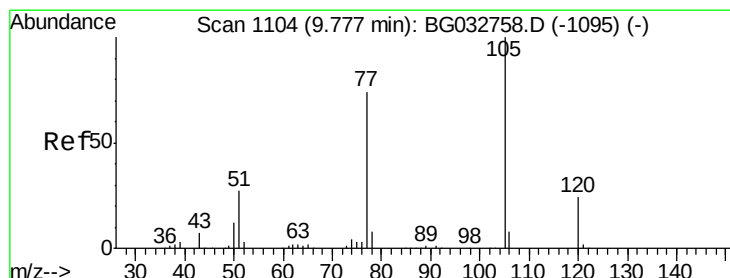
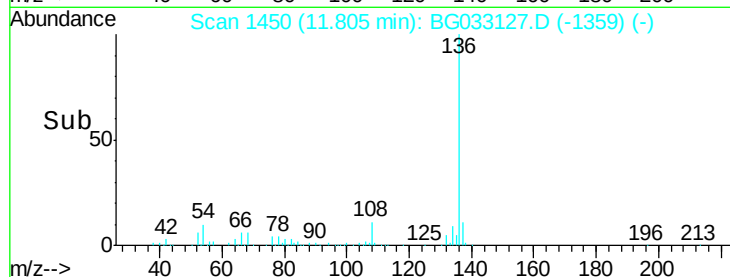
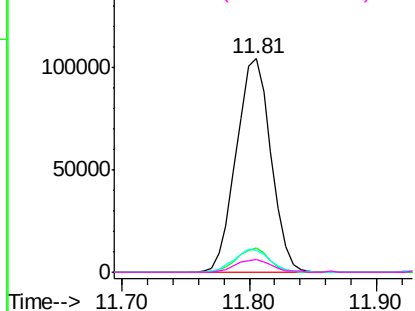
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BG033127.D
Acq: 13 Mar 2018 20:13

Instrument :
BNA_G
ClientSampleId :
PB107310BS

Tot Ion:136	Resp:	197933
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.2 13.8
54	10.0	10.3 15.5#
68	6.2	4.5 6.7

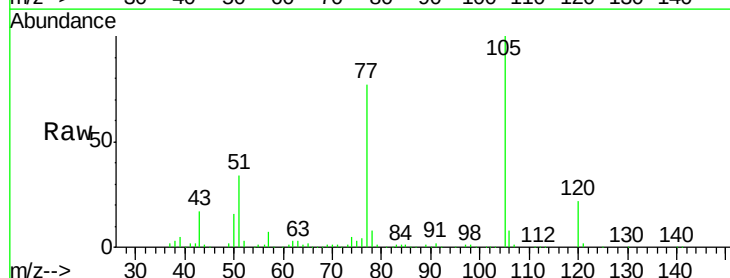


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

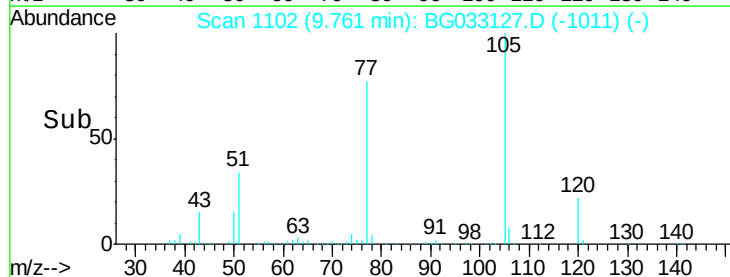
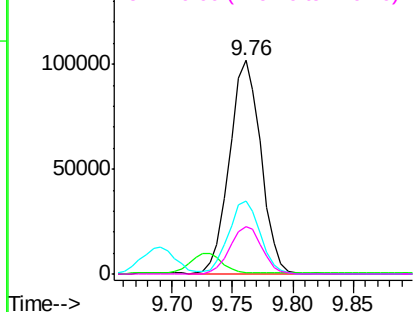


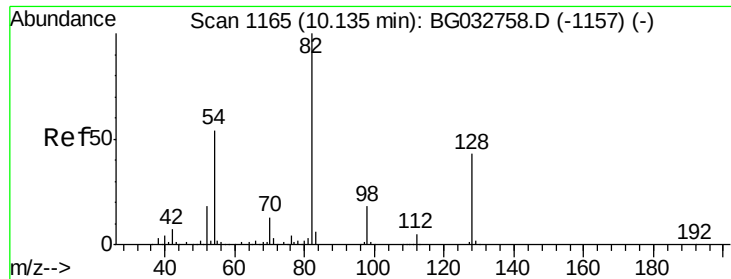
#22
Acetophenone
Concen: 36.925 ng
RT: 9.76 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BG033127.D
Acq: 13 Mar 2018 20:13

Tgt Ion:105	Resp:	184579
Ion Ratio	Lower	Upper
105	100	
71	0.7	3.0 4.4#
51	34.5	26.1 39.1
120	22.5	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

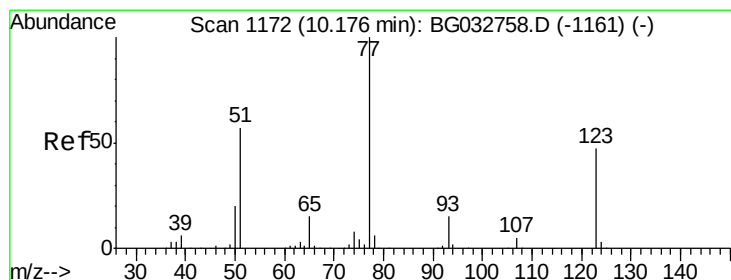
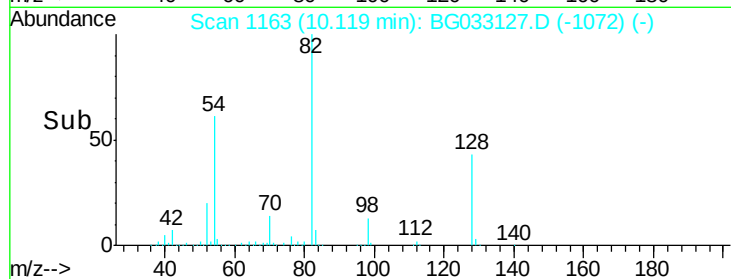
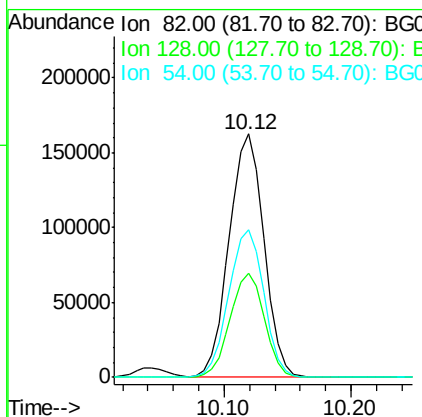
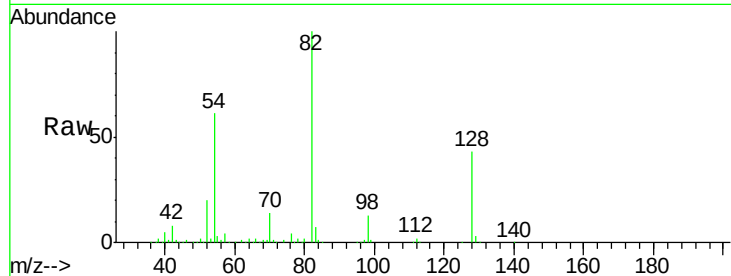




#23
 Nitrobenzene-d5
 Concen: 105.528 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: BG033127.D
 Acq: 13 Mar 2018 20:13

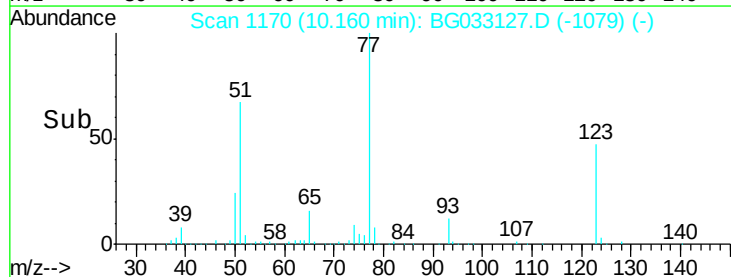
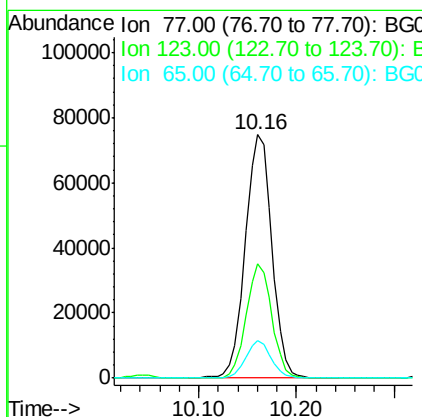
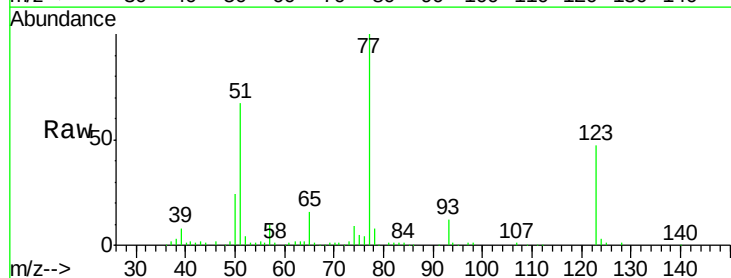
Instrument :
 BNA_G
 ClientSampleId :
 PB107310BS

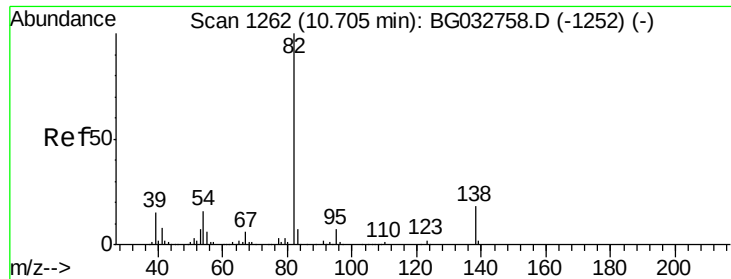
Tot Ion	82	Resp	308722
Ion Ratio	Lower	Upper	
82	100		
128	42.6	29.7	44.5
54	60.8	43.1	64.7



#24
 Nitrobenzene
 Concen: 45.690 ng
 RT: 10.16 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BG033127.D
 Acq: 13 Mar 2018 20:13

Tgt Ion	77	Resp	143103
Ion Ratio	Lower	Upper	
77	100		
123	47.1	33.0	49.6
65	15.6	13.0	19.6

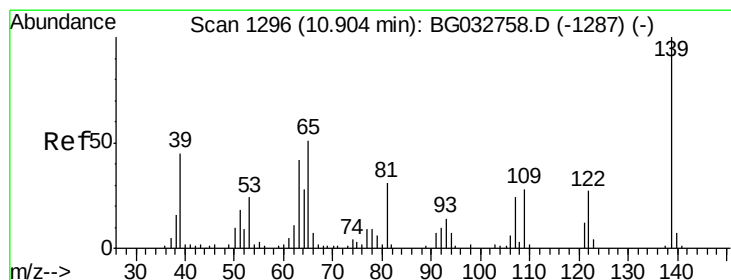
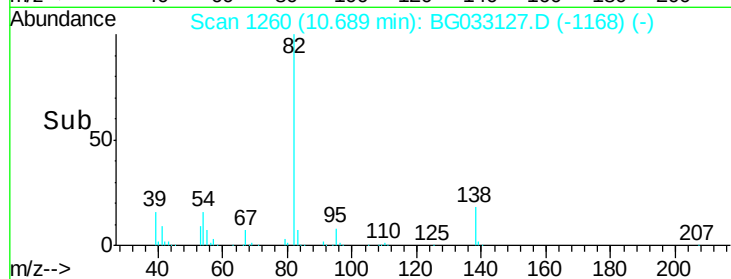
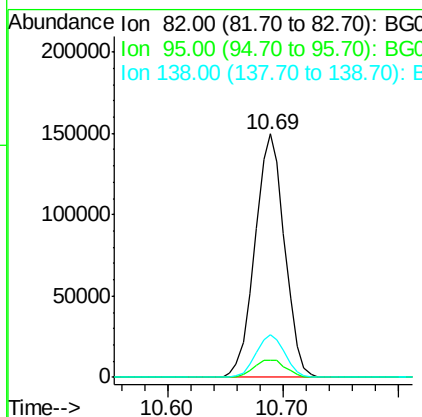
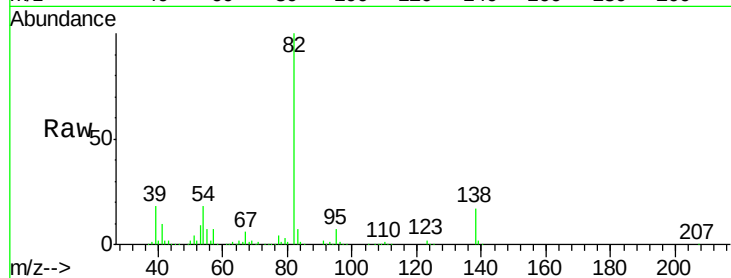




#25
Isophorone
Concen: 38.374 ng
RT: 10.69 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BG033127.D
Acq: 13 Mar 2018 20:13

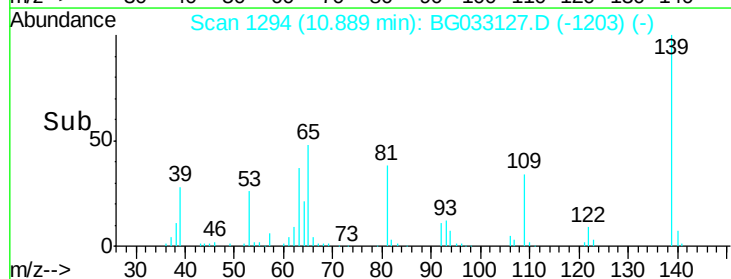
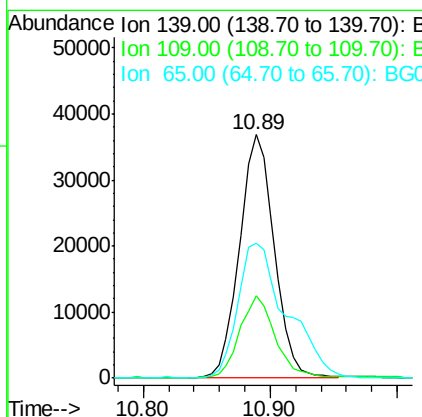
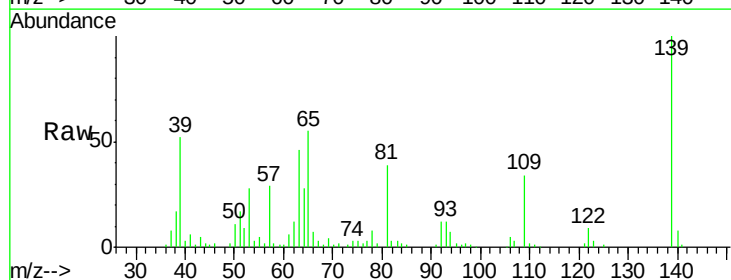
Instrument :
BNA_G
ClientSampleId :
PB107310BS

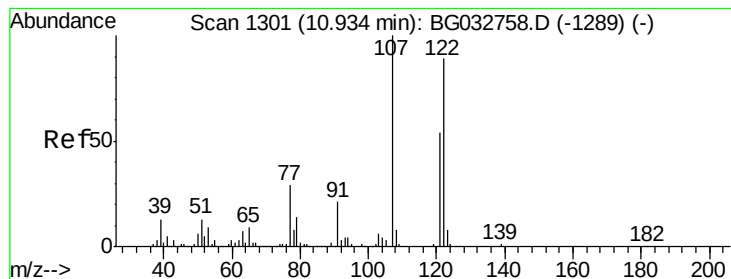
Tot Ion: 82 Resp: 266600
Ion Ratio Lower Upper
82 100
95 7.2 6.2 9.2
138 17.3 12.1 18.1



#26
2-Nitrophenol
Concen: 58.483 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BG033127.D
Acq: 13 Mar 2018 20:13

Tgt Ion: 139 Resp: 70330
Ion Ratio Lower Upper
139 100
109 33.9 24.2 36.2
65 55.4 47.4 71.0





#27

2,4-Dimethylphenol

Concen: 44.314 ng

RT: 10.92 min Scan# 1300

Delta R.T. 0.02 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Instrument :

BNA_G

ClientSampled :

PB107310BS

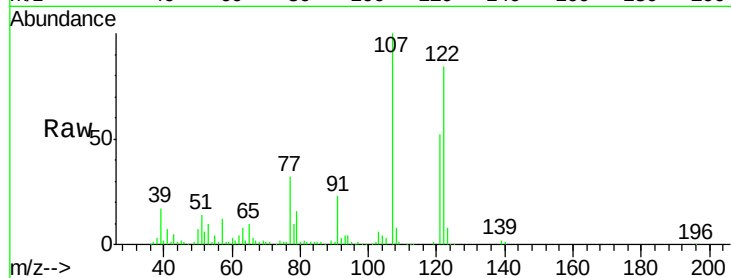
Tot Ion:122 Resp: 133741

Ion Ratio Lower Upper

122 100

107 118.6 100.2 150.2

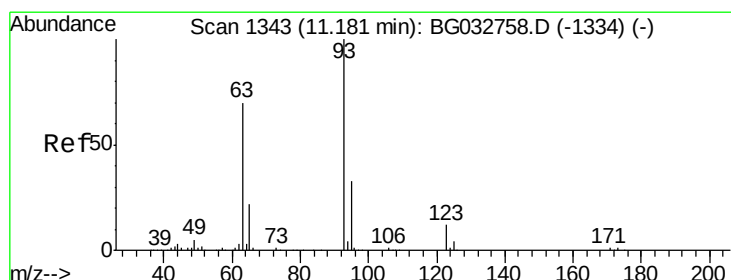
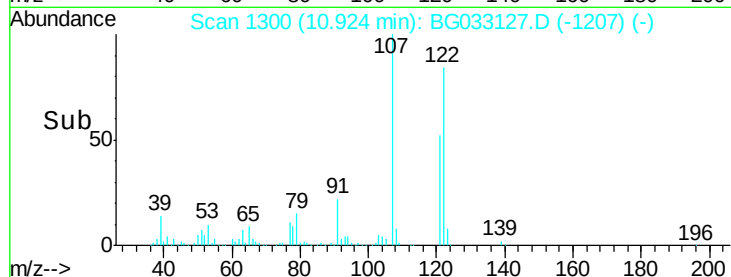
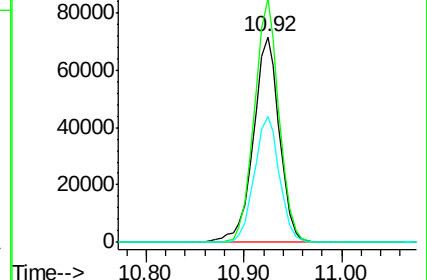
121 61.5 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.647 ng

RT: 11.16 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

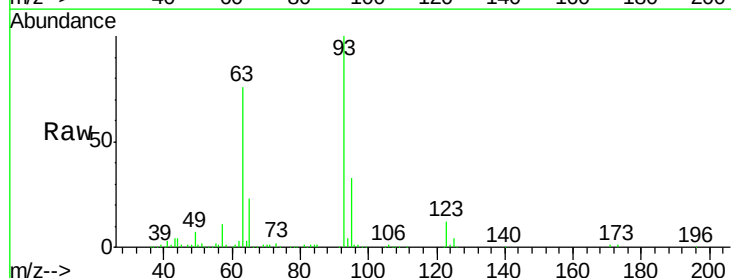
Tgt Ion: 93 Resp: 156415

Ion Ratio Lower Upper

93 100

95 33.5 24.3 36.5

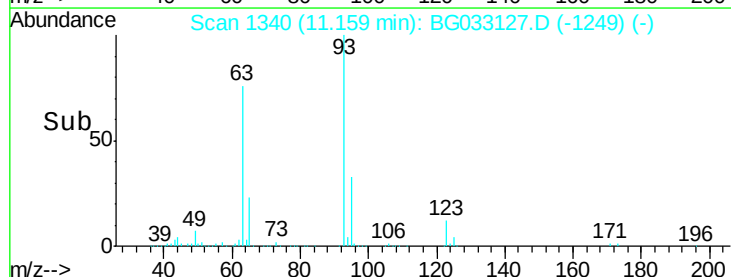
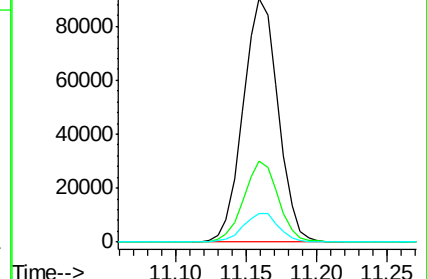
123 11.9 8.4 12.6

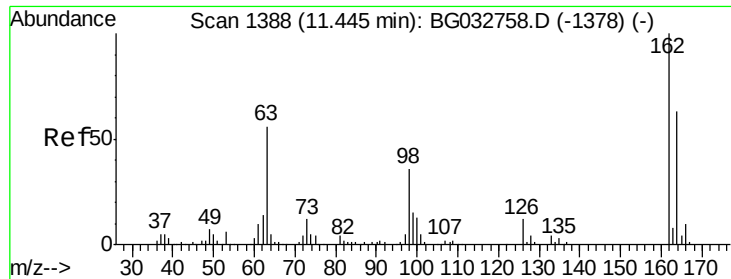


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.133 ng

RT: 11.44 min Scan# 1387

Delta R.T. 0.02 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PB107310BS

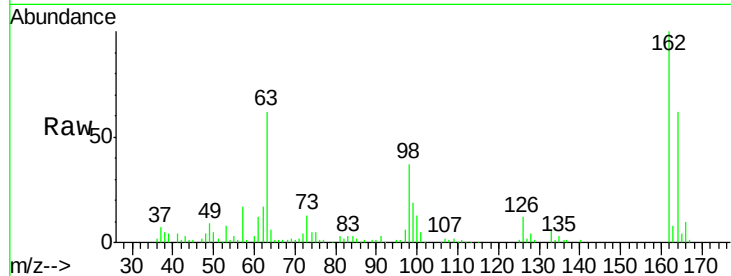
Tot Ion:162 Resp: 123624

Ion Ratio Lower Upper

162 100

164 61.9 48.0 88.0

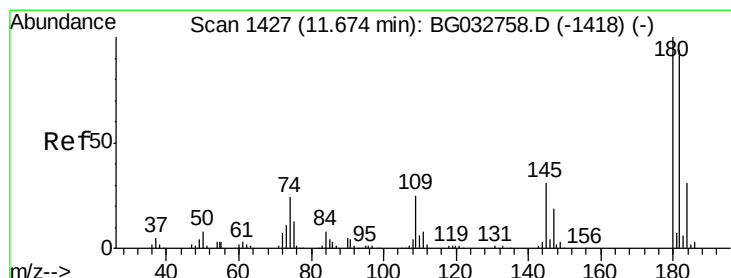
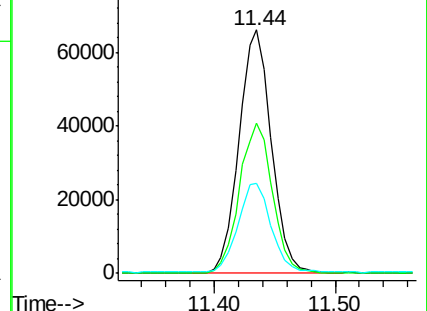
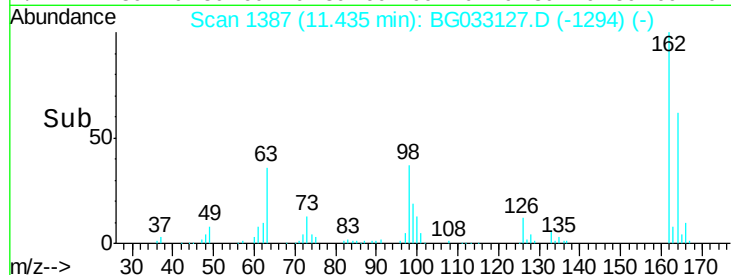
98 37.1 21.1 61.1



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: 37.825 ng

RT: 11.65 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

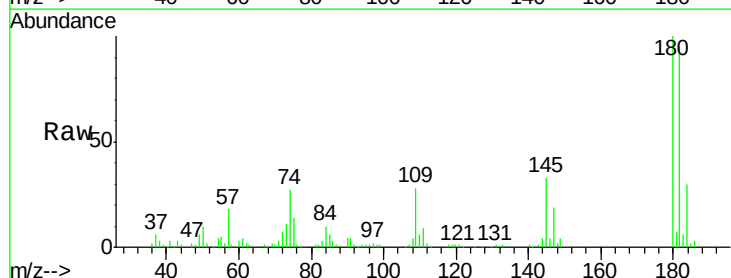
Tgt Ion:180 Resp: 121448

Ion Ratio Lower Upper

180 100

182 94.8 77.5 116.3

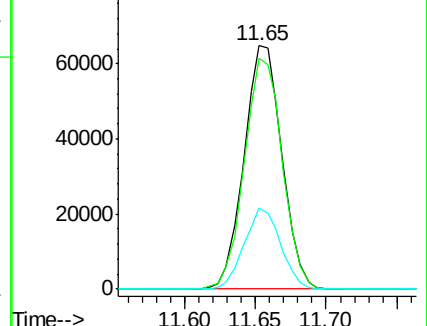
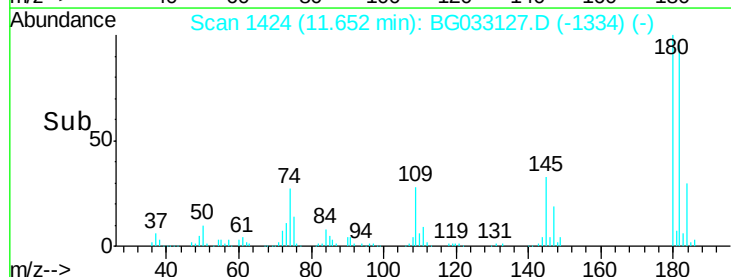
145 33.3 23.4 35.2

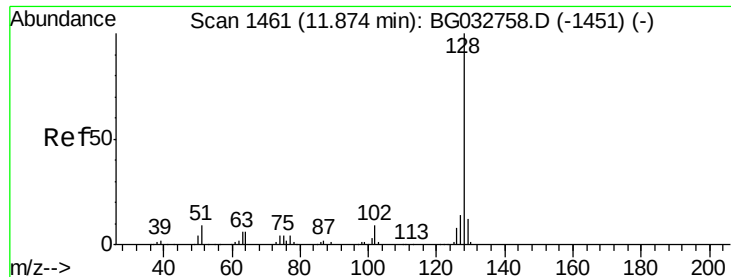


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

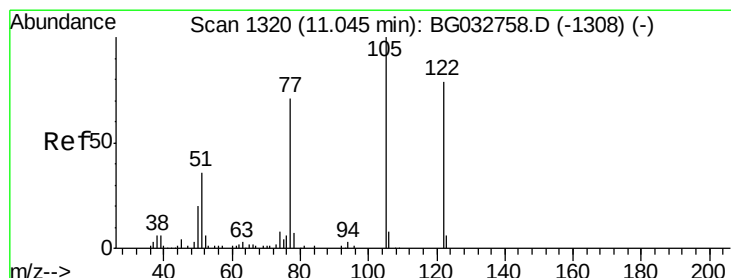
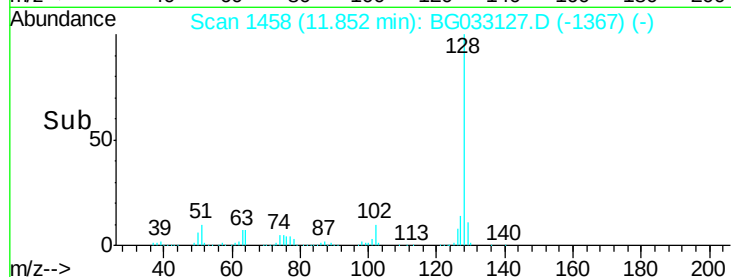
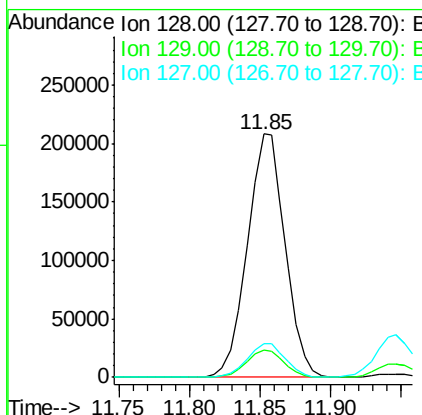
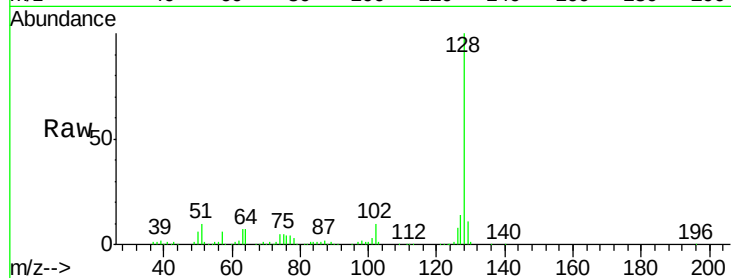




#31
Naphthalene
Concen: 37.597 ng
RT: 11.85 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BG033127.D
Acq: 13 Mar 2018 20:13

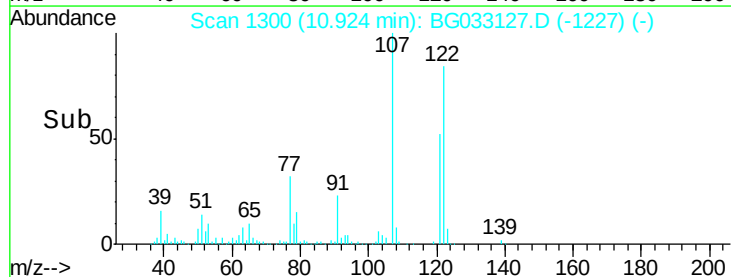
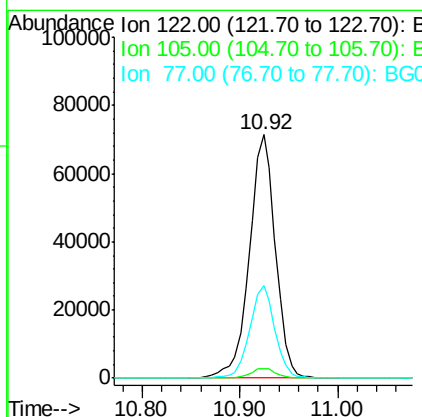
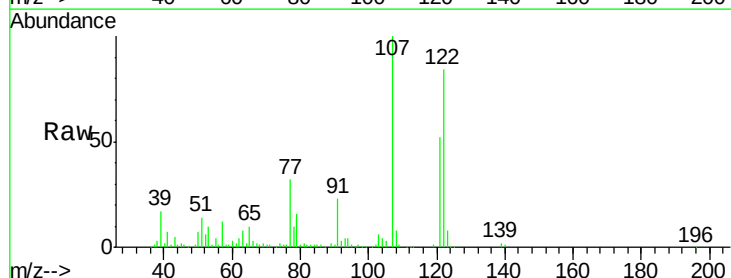
Instrument :
BNA_G
ClientSampleId :
PB107310BS

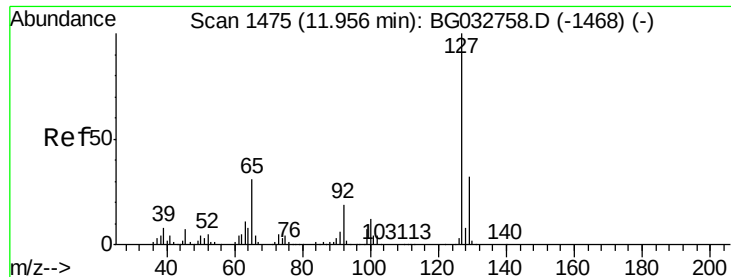
Tot Ion:128 Resp: 388860
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.8 11.6 17.4



#32
Benzoic acid
Concen: 62.703 ng
RT: 10.92 min Scan# 1300
Delta R.T. -0.10 min
Lab File: BG033127.D
Acq: 13 Mar 2018 20:13

Tgt Ion:122 Resp: 133741
Ion Ratio Lower Upper
122 100
105 3.9 123.5 163.5#
77 37.8 85.7 125.7#

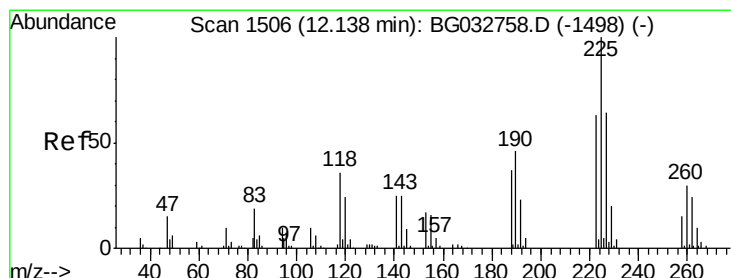
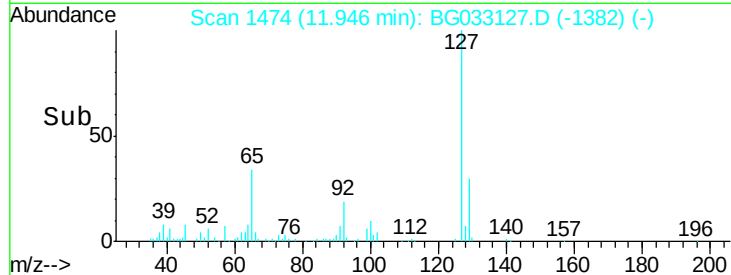
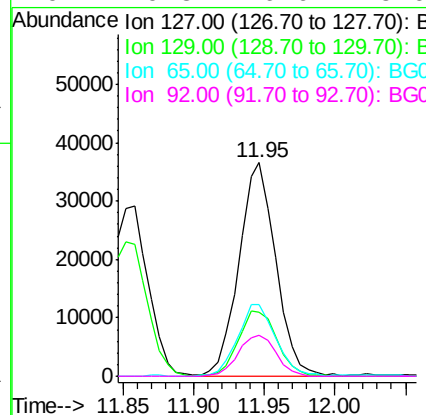
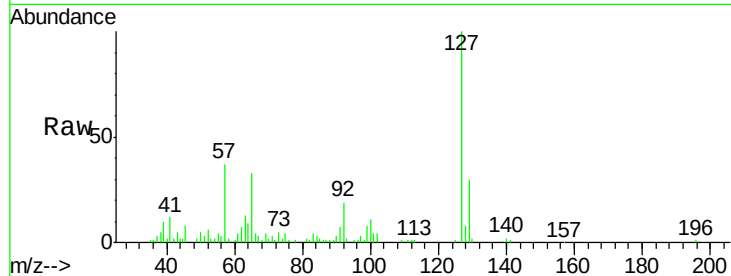




#33
4-Chloroaniline
Concen: 14.417 ng
RT: 11.95 min Scan# 1474
Delta R.T. 0.01 min
Lab File: BG033127.D
Acq: 13 Mar 2018 20:13

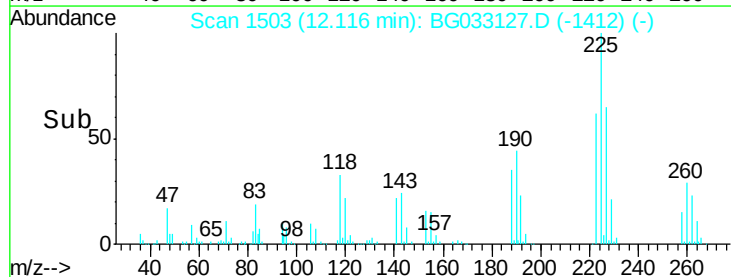
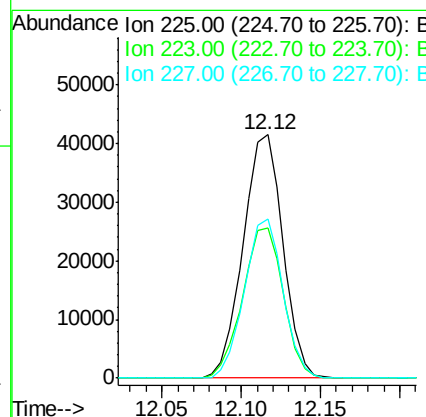
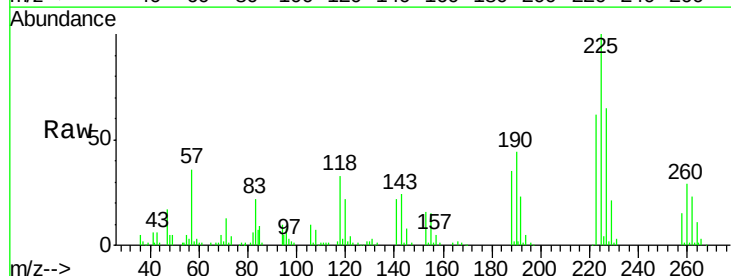
Instrument :
BNA_G
ClientSampleId :
PB107310BS

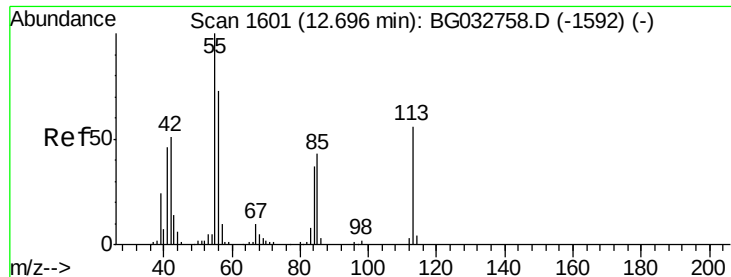
Tot Ion:	127	Resp:	66674
Ion	Ratio	Lower	Upper
127	100		
129	29.8	24.0	36.0
65	33.5	27.0	40.4
92	19.3	16.6	25.0



#34
Hexachlorobutadiene
Concen: 40.099 ng
RT: 12.12 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BG033127.D
Acq: 13 Mar 2018 20:13

Tgt Ion:	225	Resp:	72218
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.7	74.5
227	65.1	48.1	72.1





#35

Caprolactam

Concen: 41.006 ng

RT: 12.71 min Scan# 1604

Delta R.T. 0.03 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PB107310BS

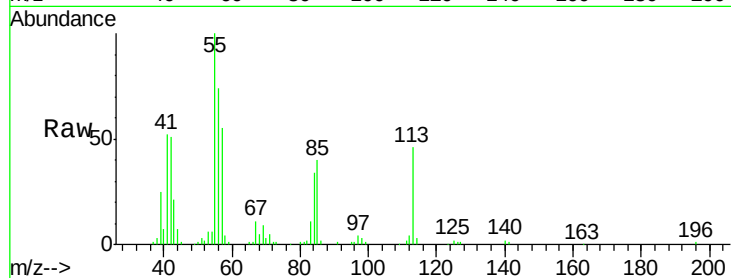
Tot Ion:113 Resp: 44975

Ion Ratio Lower Upper

113 100

55 217.9 186.9 226.9

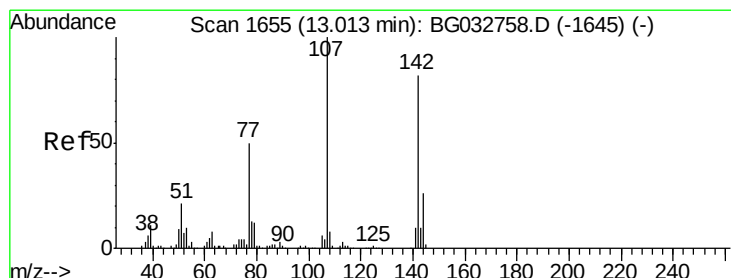
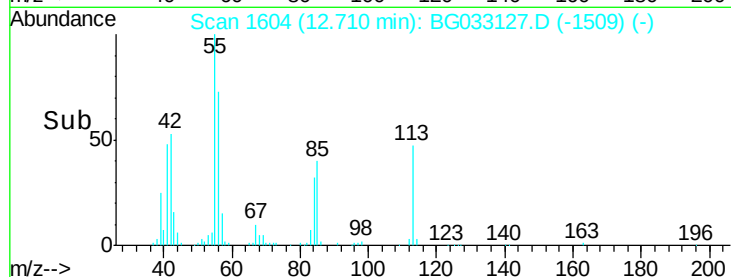
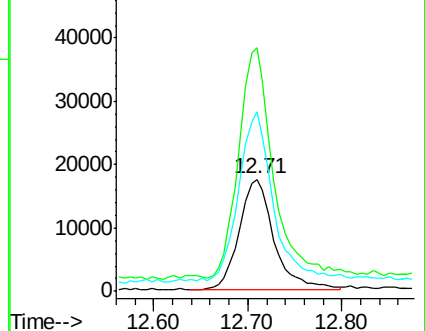
56 160.5 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 43.945 ng

RT: 13.02 min Scan# 1656

Delta R.T. 0.02 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

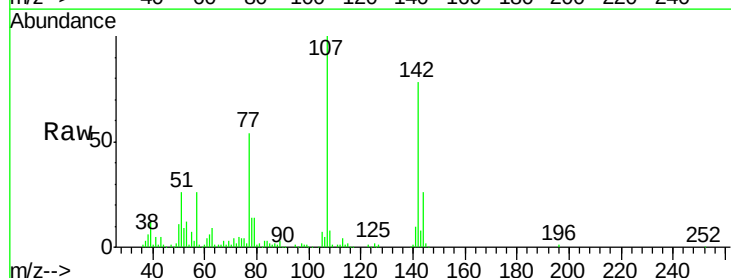
Tgt Ion:107 Resp: 140078

Ion Ratio Lower Upper

107 100

144 26.3 18.2 27.4

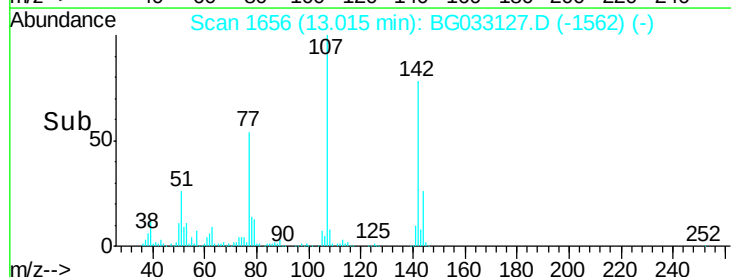
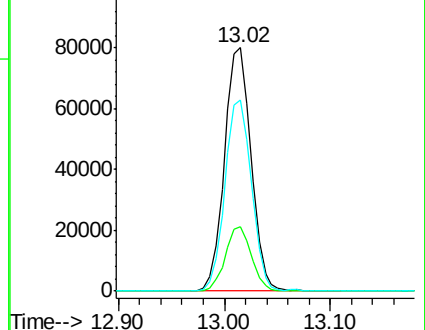
142 78.4 59.0 88.4

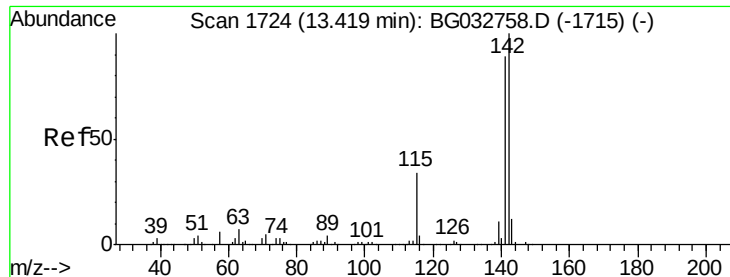


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

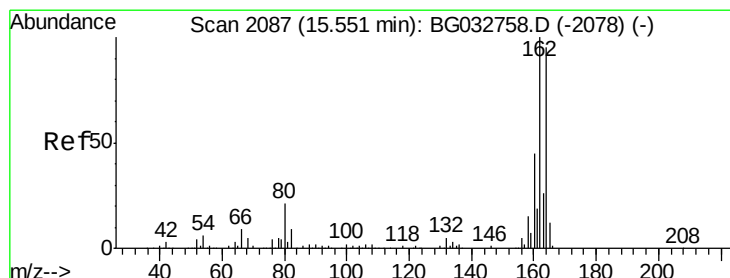
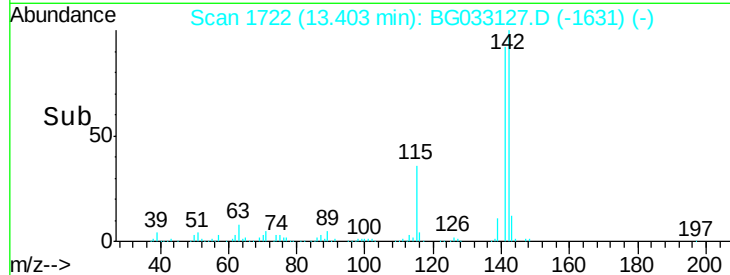
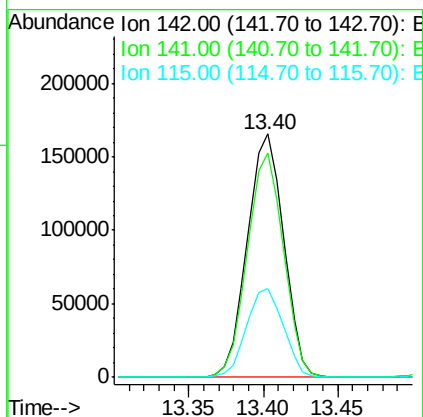
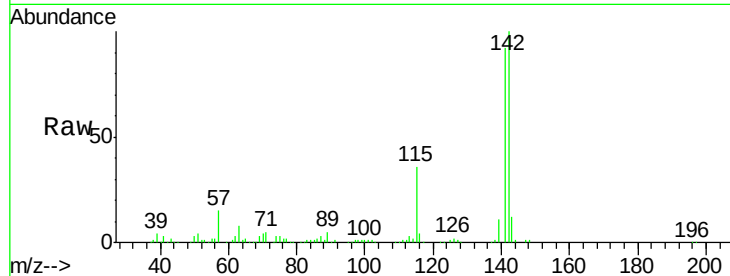




#37
 2-Methylnaphthalene
 Concen: 37.309 ng
 RT: 13.40 min Scan# 1722
 Delta R.T. 0.01 min
 Lab File: BG033127.D
 Acq: 13 Mar 2018 20:13

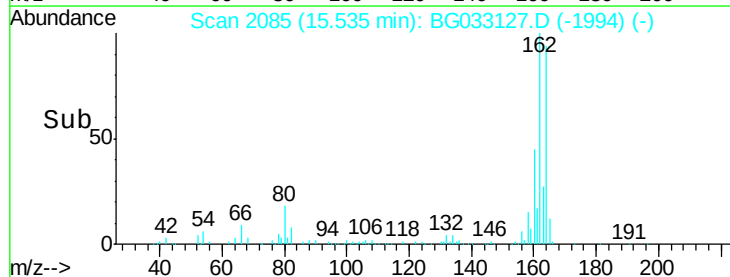
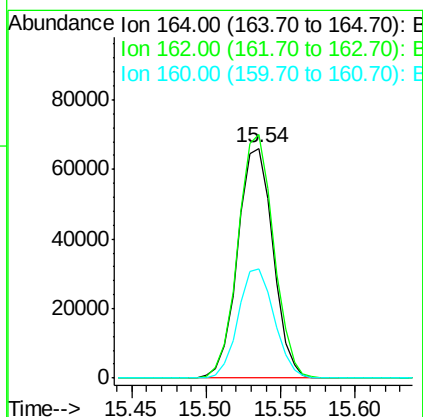
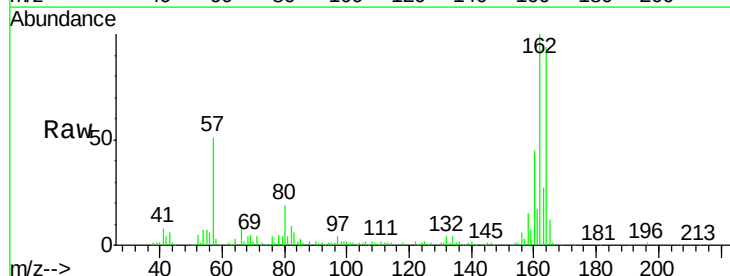
Instrument :
 BNA_G
 ClientSampleId :
 PB107310BS

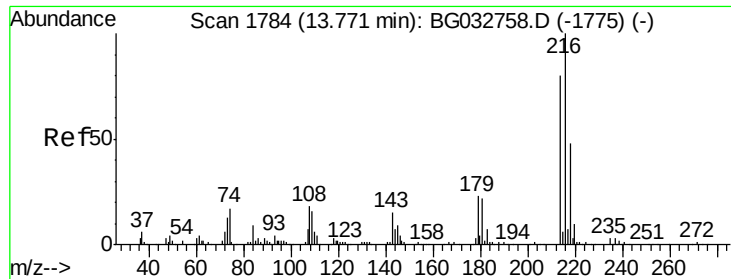
Tot Ion:142 Resp: 279177
 Ion Ratio Lower Upper
 142 100
 141 92.3 67.1 100.7
 115 36.5 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. 0.01 min
 Lab File: BG033127.D
 Acq: 13 Mar 2018 20:13

Tgt Ion:164 Resp: 108767
 Ion Ratio Lower Upper
 164 100
 162 106.0 78.8 118.2
 160 47.8 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.876 ng

RT: 13.76 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PB107310BS

Tot Ion:216 Resp: 128750

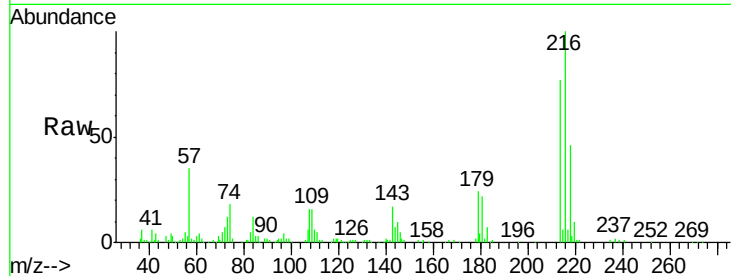
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

179 22.7 17.0 25.6

108 21.0 12.8 19.2#

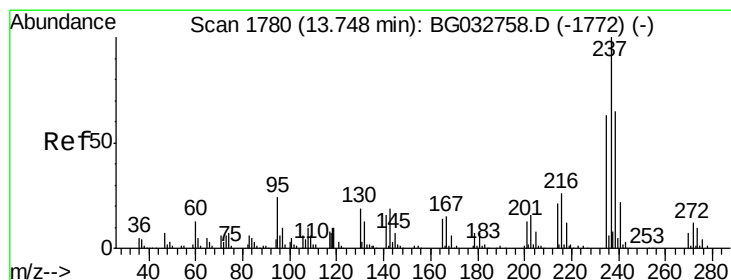
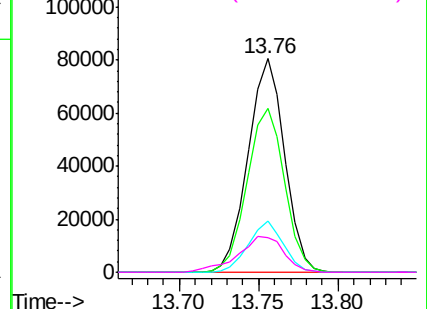
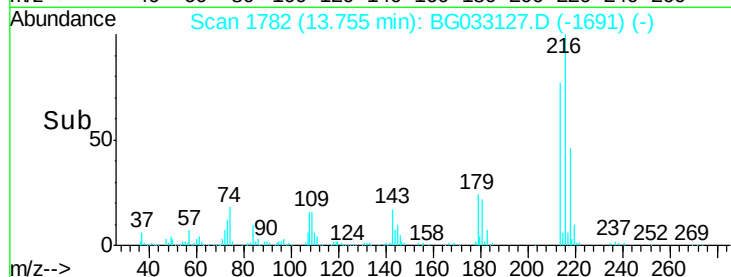


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 65.190 ng

RT: 13.73 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

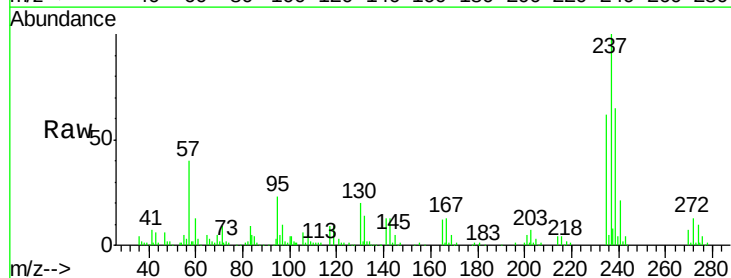
Tgt Ion:237 Resp: 107270

Ion Ratio Lower Upper

237 100

235 61.8 50.4 90.4

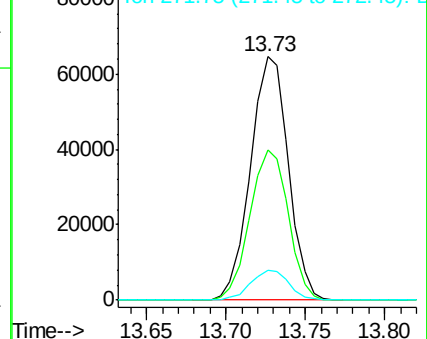
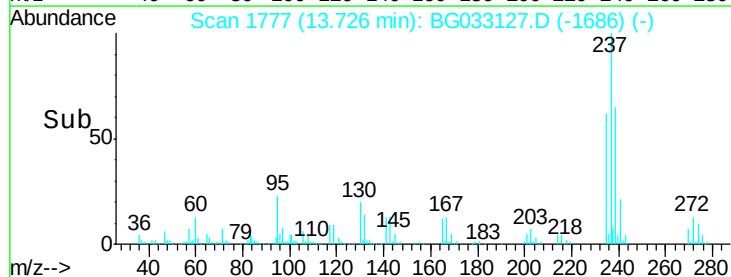
272 12.5 0.0 31.8

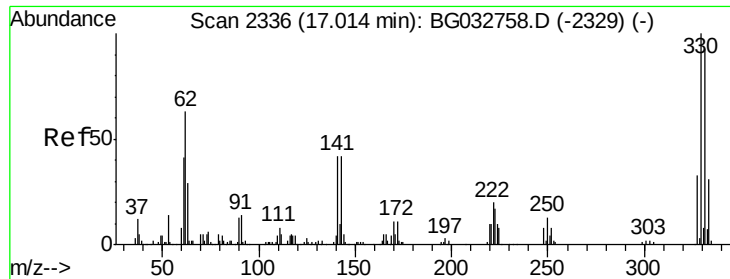


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

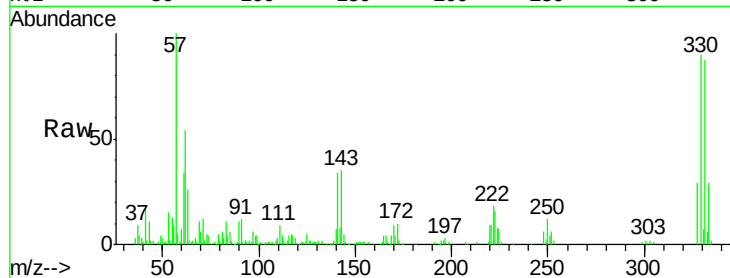




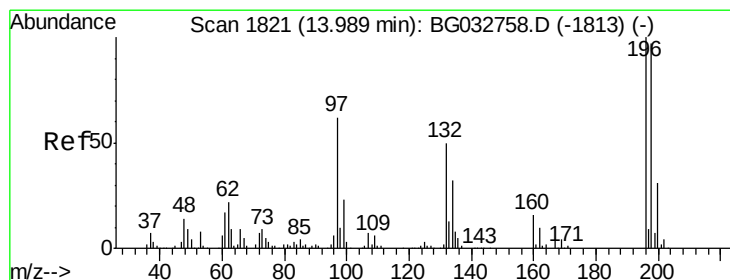
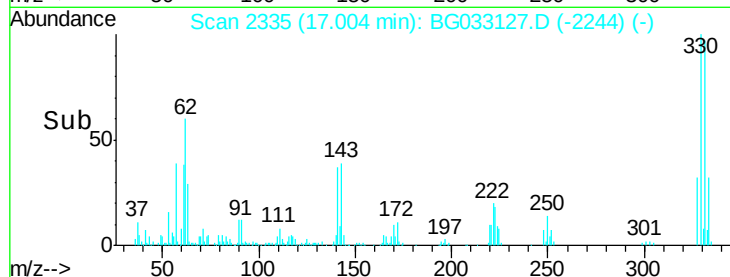
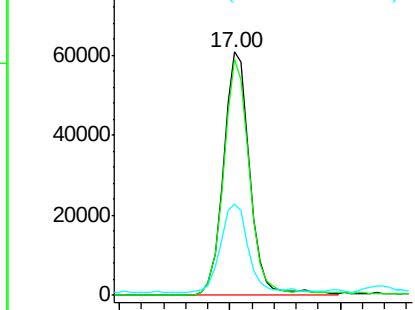
#41
 2,4,6-Tribromophenol
 Concen: 88.754 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. 0.01 min
 Lab File: BG033127.D
 Acq: 13 Mar 2018 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB107310BS

Tot Ion:330 Resp: 101503
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 38.5 25.2 37.8#

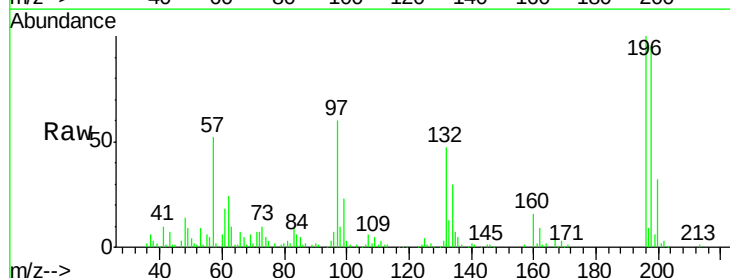


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

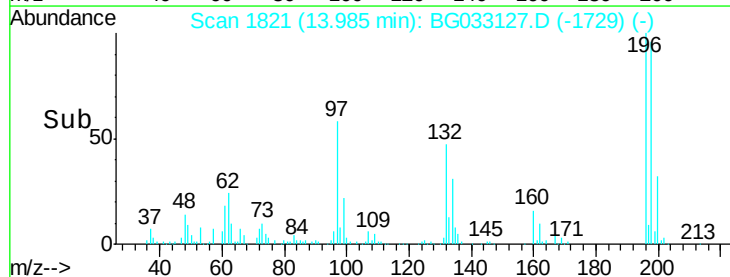
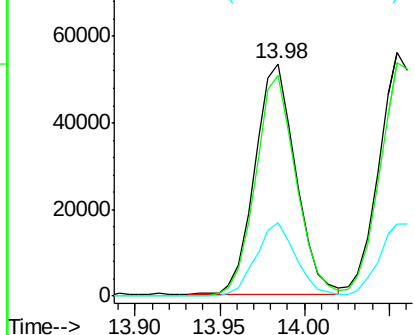


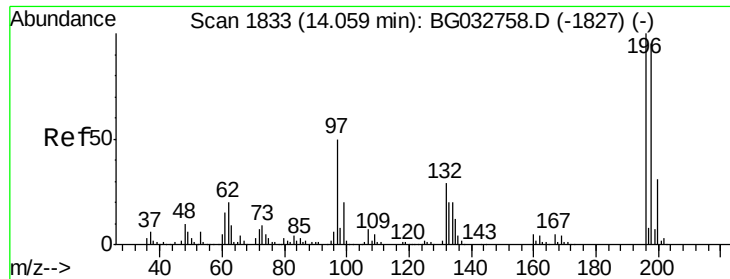
#42
 2,4,6-Trichlorophenol
 Concen: 43.492 ng
 RT: 13.98 min Scan# 1821
 Delta R.T. 0.01 min
 Lab File: BG033127.D
 Acq: 13 Mar 2018 20:13

Tgt Ion:196 Resp: 88557
 Ion Ratio Lower Upper
 196 100
 198 95.1 78.2 117.2
 200 31.6 24.6 36.8



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

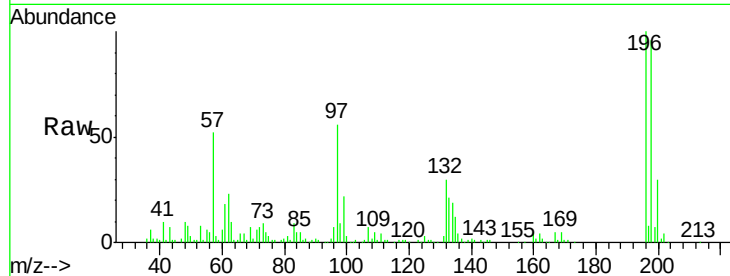




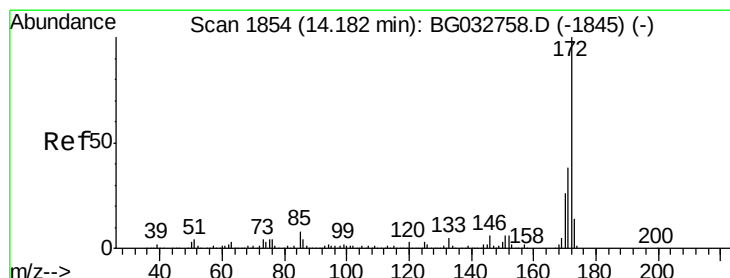
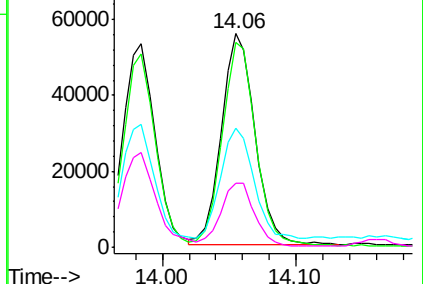
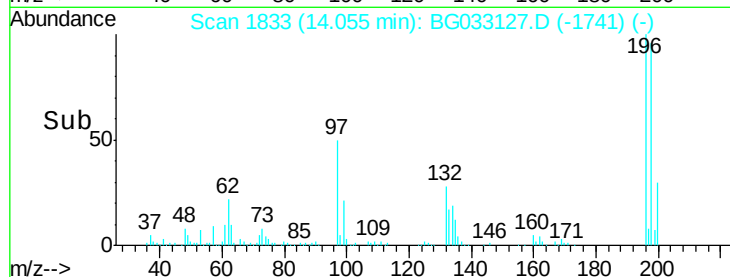
#43
 2,4,5-Trichlorophenol
 Concen: 41.777 ng
 RT: 14.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: BG033127.D
 Acq: 13 Mar 2018 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB107310BS

Tot Ion:196 Resp: 98454
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.2 114.4
 97 55.5 38.7 58.1
 132 30.3 20.2 30.2#

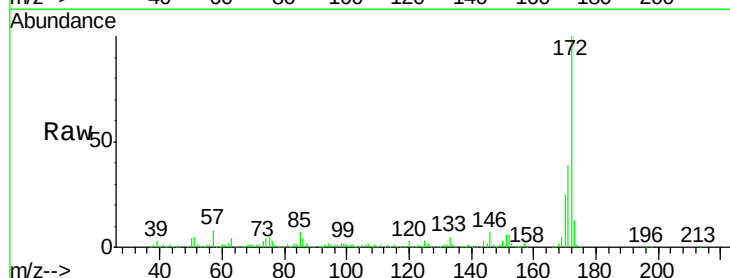


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

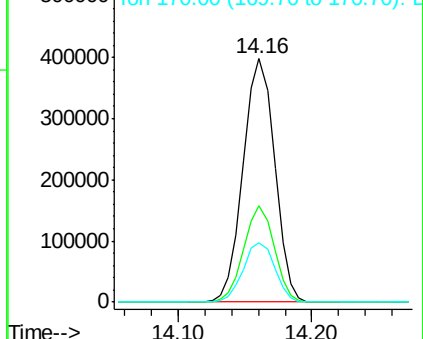
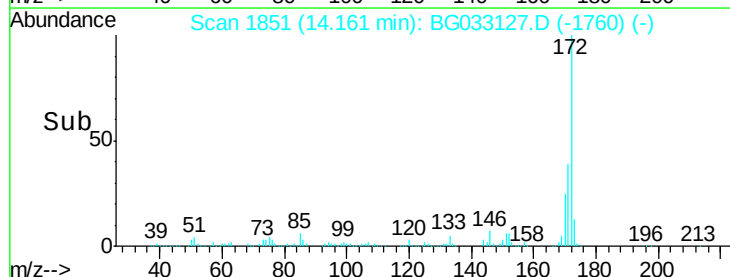


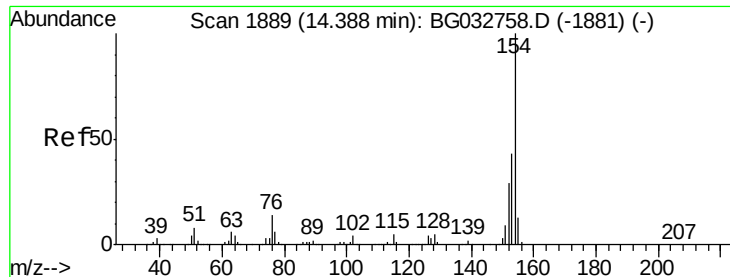
#44
 2-Fluorobiphenyl
 Concen: 86.128 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. 0.01 min
 Lab File: BG033127.D
 Acq: 13 Mar 2018 20:13

Tgt Ion:172 Resp: 649535
 Ion Ratio Lower Upper
 172 100
 171 39.4 30.0 45.0
 170 24.5 19.5 29.3



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

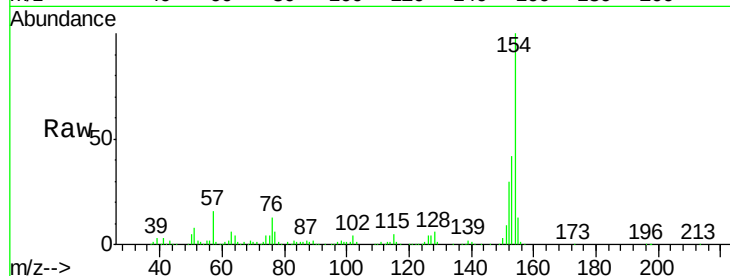




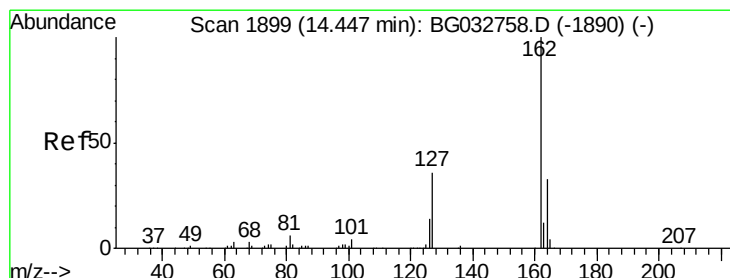
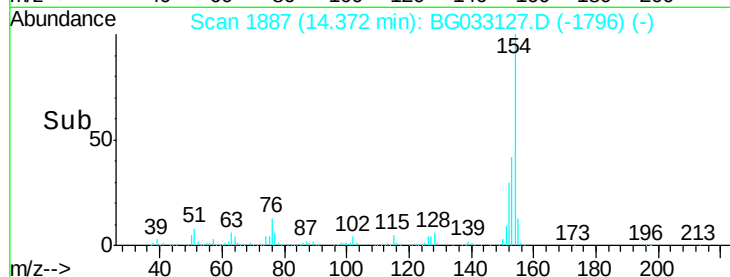
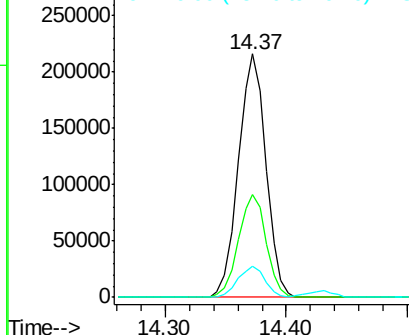
#45
 1,1'-Biphenyl
 Concen: 36.059 ng
 RT: 14.37 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: BG033127.D
 Acq: 13 Mar 2018 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB107310BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.2	19.8	59.8
76	12.8	0.0	31.9

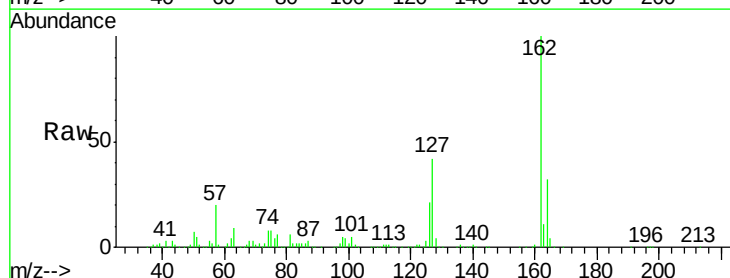


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

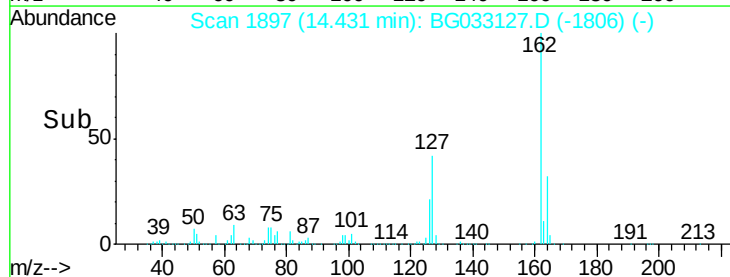
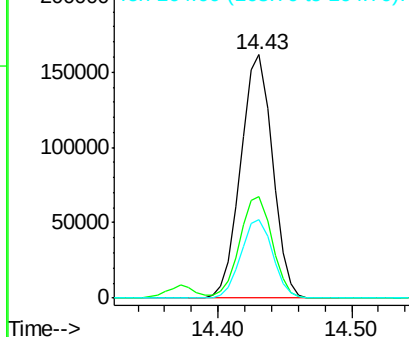


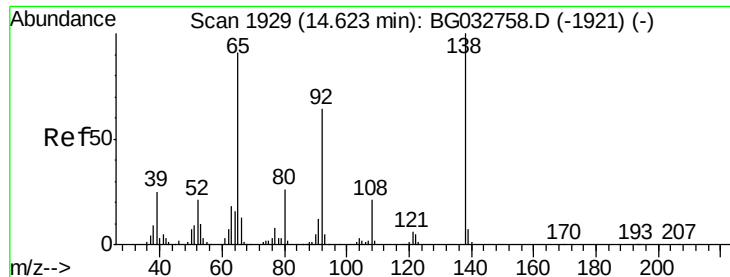
#46
 2-Chloronaphthalene
 Concen: 37.472 ng
 RT: 14.43 min Scan# 1897
 Delta R.T. 0.01 min
 Lab File: BG033127.D
 Acq: 13 Mar 2018 20:13

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	30.7	46.1
164	32.2	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

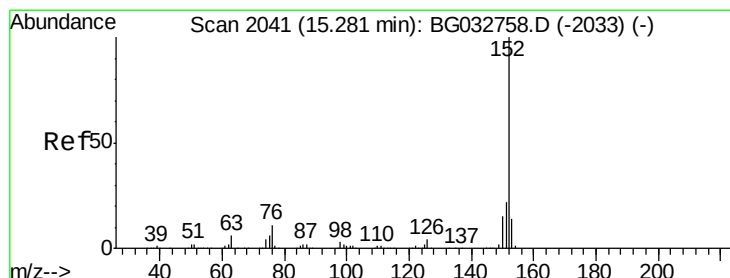
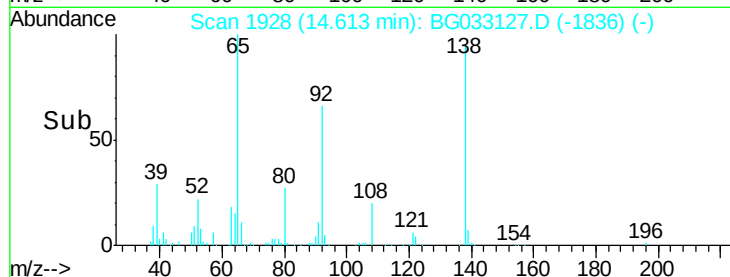
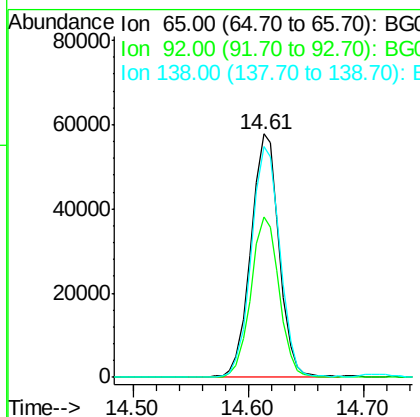
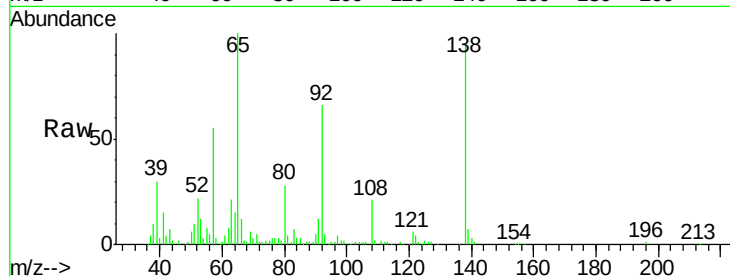




#47
2-Nitroaniline
Concen: 53.580 ng
RT: 14.61 min Scan# 1928
Delta R.T. 0.01 min
Lab File: BG033127.D
Acq: 13 Mar 2018 20:13

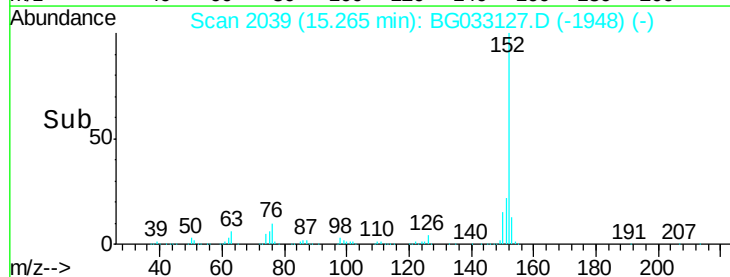
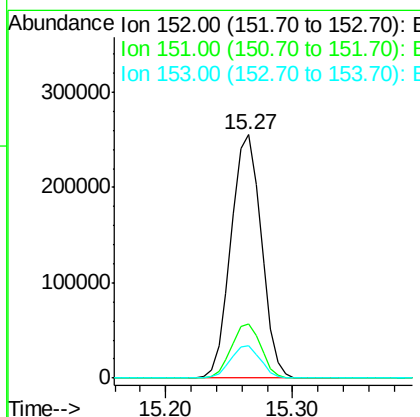
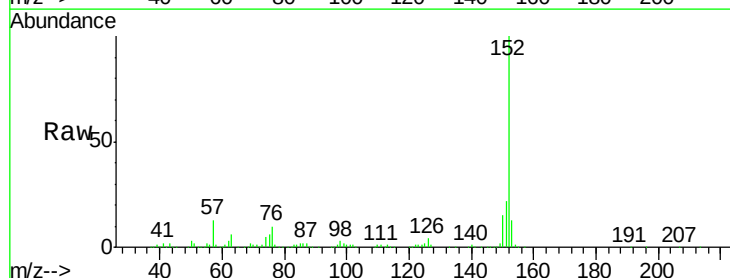
Instrument :
BNA_G
ClientSampleId :
PB107310BS

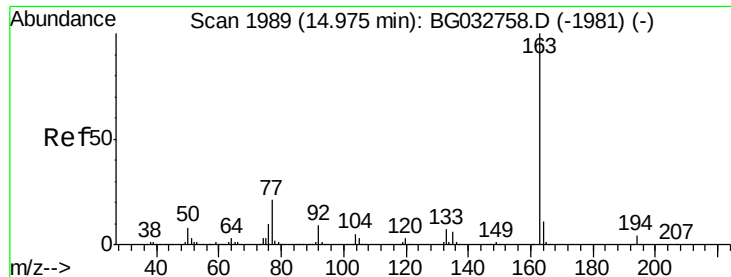
Tot Ion: 65 Resp: 98513
Ion Ratio Lower Upper
65 100
92 65.7 54.6 82.0
138 94.7 72.9 109.3



#48
Acenaphthylene
Concen: 36.431 ng
RT: 15.27 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BG033127.D
Acq: 13 Mar 2018 20:13

Tgt Ion: 152 Resp: 423469
Ion Ratio Lower Upper
152 100
151 22.1 17.2 25.8
153 13.5 10.2 15.4





#49

Dimethylphthalate

Concen: 36.103 ng

RT: 14.96 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PB107310BS

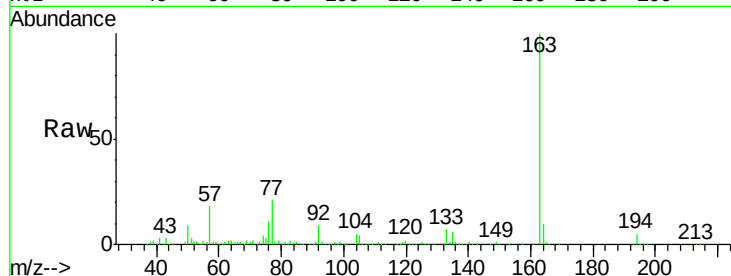
Tot Ion:163 Resp: 333423

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

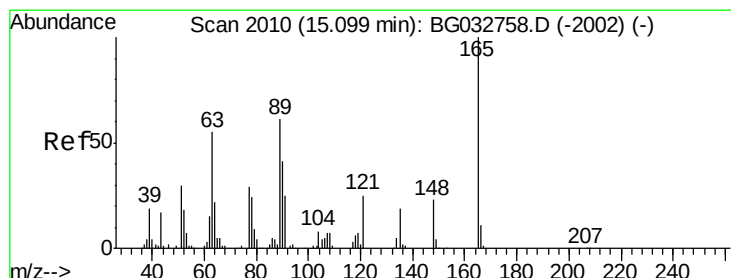
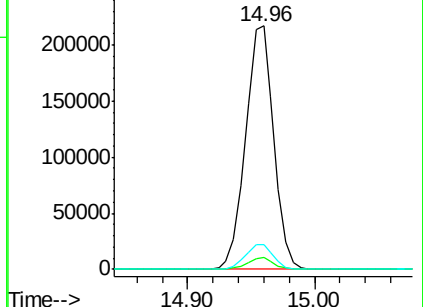
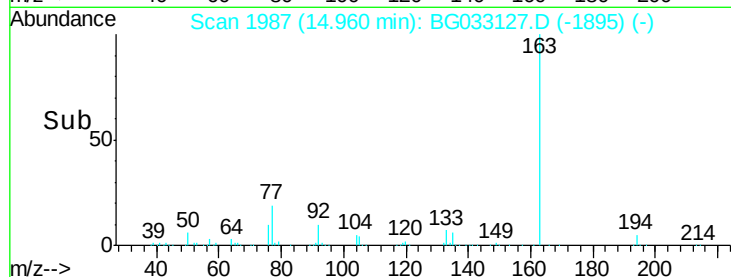
164 10.3 8.2 12.4



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: 47.434 ng

RT: 15.09 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

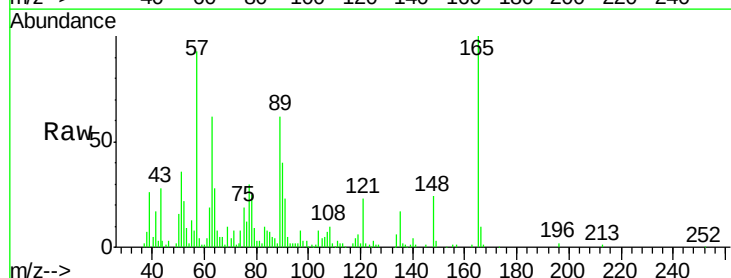
Tgt Ion:165 Resp: 72311

Ion Ratio Lower Upper

165 100

63 61.7 52.7 79.1

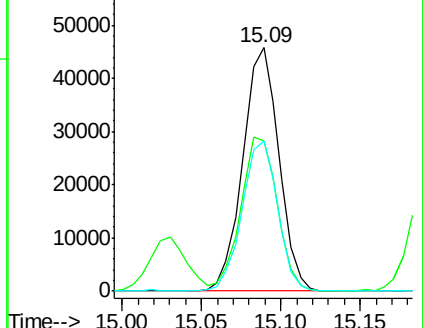
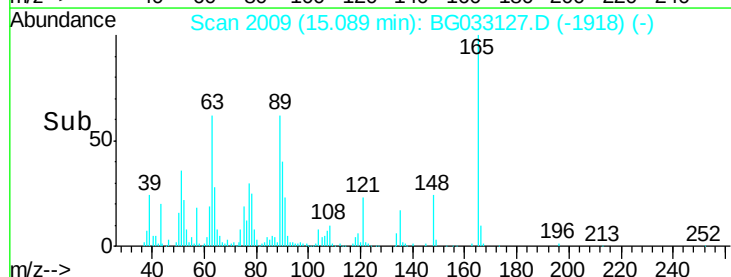
89 61.6 49.2 73.8

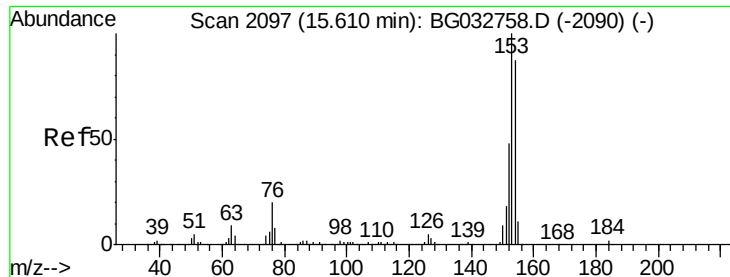


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 35.270 ng

RT: 15.59 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PB107310BS

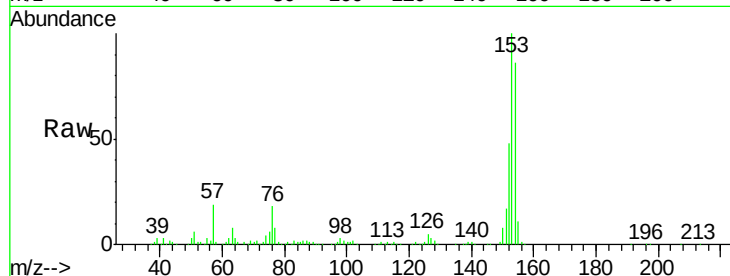
Tot Ion:154 Resp: 255326

Ion Ratio Lower Upper

154 100

153 116.5 90.4 135.6

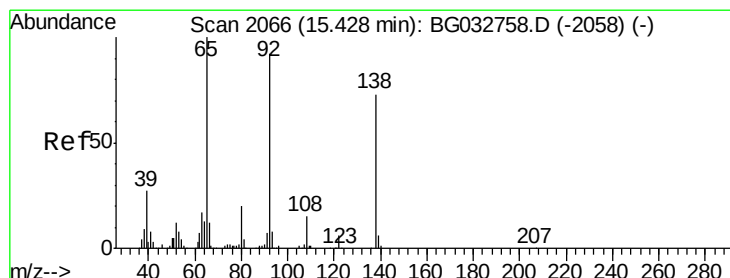
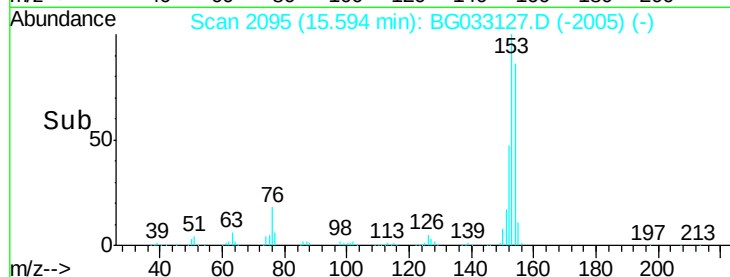
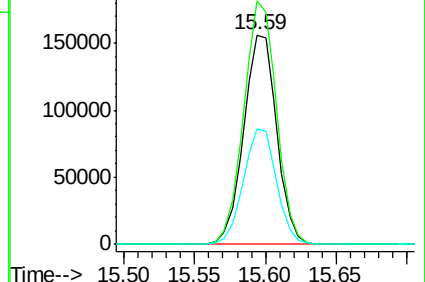
152 55.3 41.6 62.4



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: 32.407 ng

RT: 15.42 min Scan# 2066

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

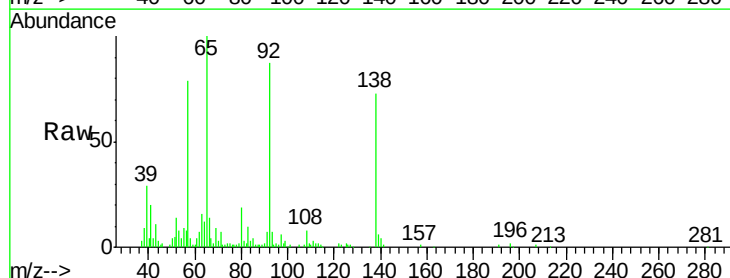
Tgt Ion:138 Resp: 55785

Ion Ratio Lower Upper

138 100

108 11.5 17.5 26.3#

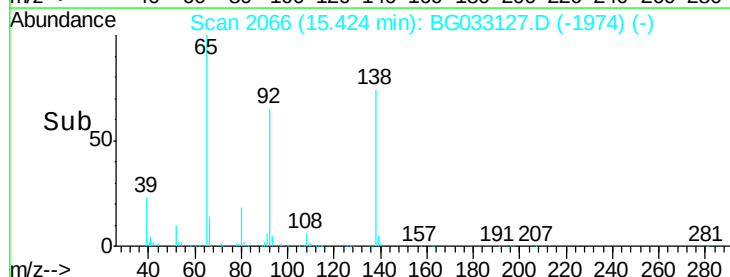
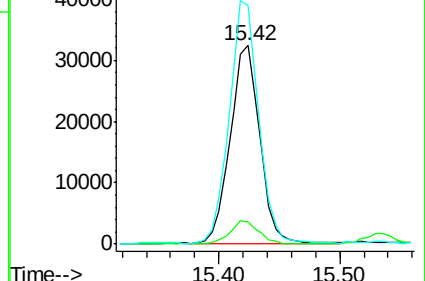
92 119.8 105.8 158.8

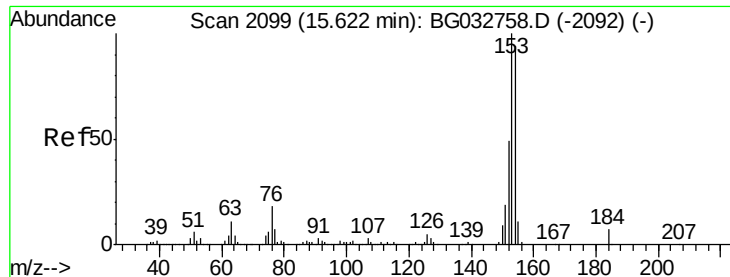


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

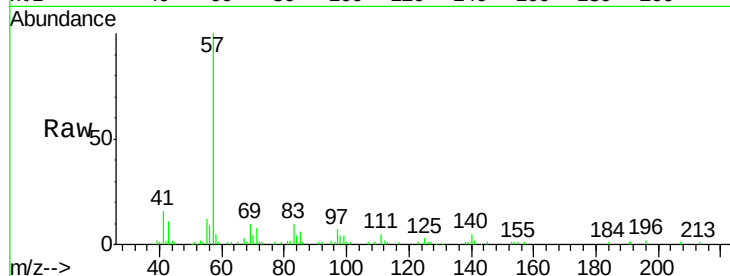




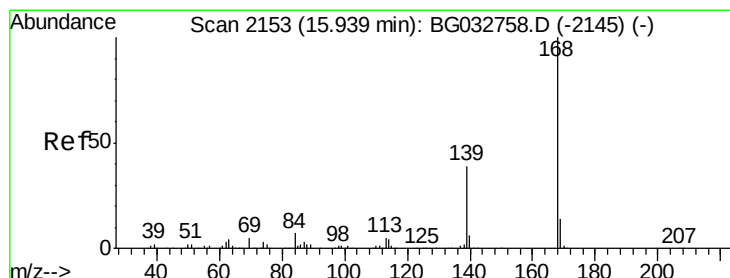
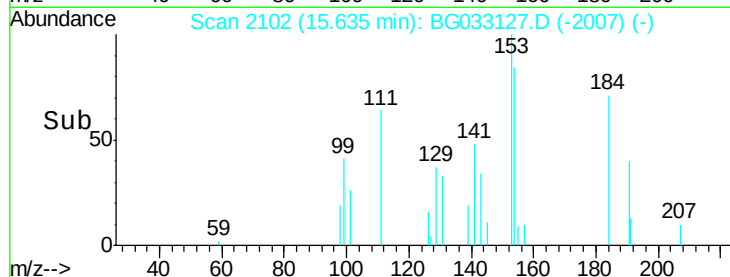
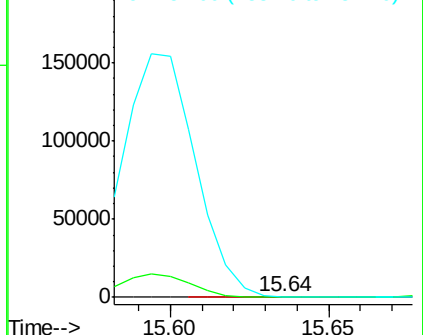
#53
2,4-Dinitrophenol
Concen: 4.568 ng
RT: 15.64 min Scan# 2102
Delta R.T. 0.03 min
Lab File: BG033127.D
Acq: 13 Mar 2018 20:13

Instrument :
BNA_G
ClientSampleId :
PB107310BS

Tot Ion:184 Resp: 400
Ion Ratio Lower Upper
184 100
63 57.6 59.8 89.8#
154 118.1 101.8 152.8

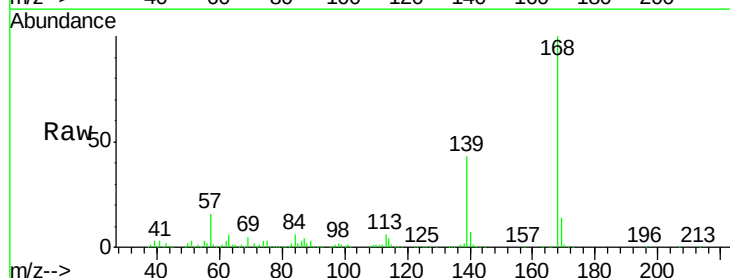


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

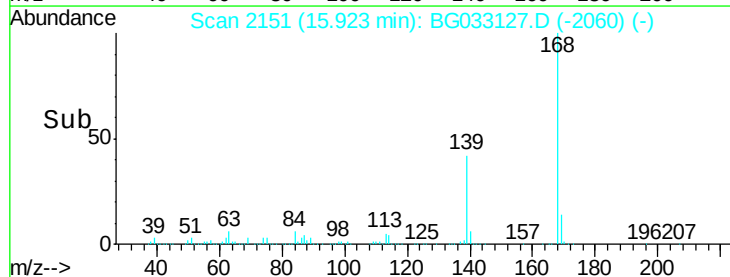
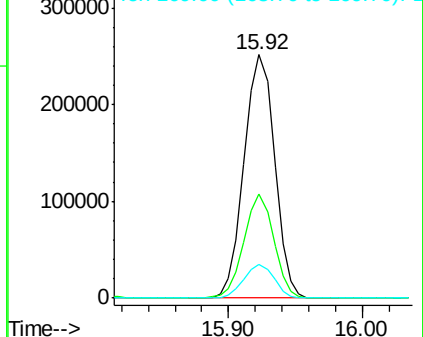


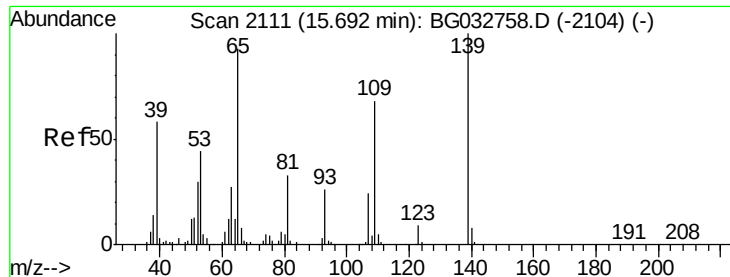
#54
Dibenzofuran
Concen: 38.564 ng
RT: 15.92 min Scan# 2151
Delta R.T. 0.01 min
Lab File: BG033127.D
Acq: 13 Mar 2018 20:13

Tgt Ion:168 Resp: 397513
Ion Ratio Lower Upper
168 100
139 42.6 28.6 43.0
169 13.6 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

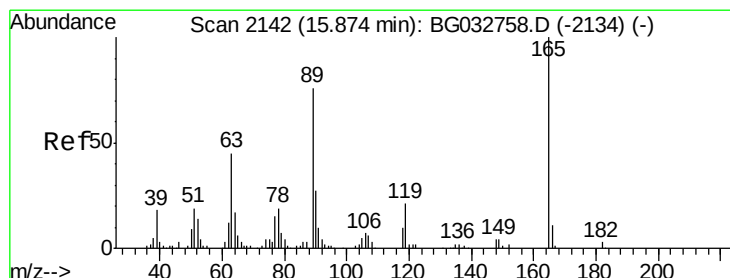
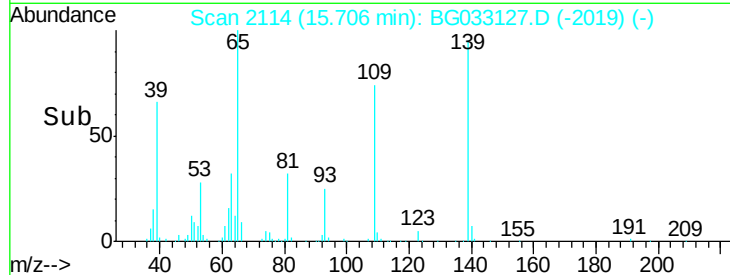
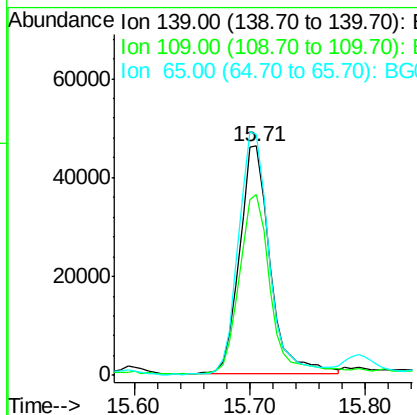
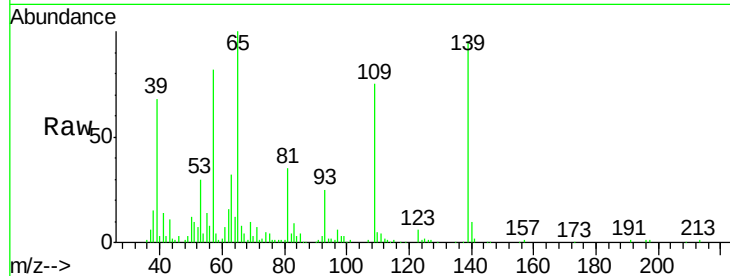




#55
4-Nitrophenol
Concen: 58.056 ng
RT: 15.71 min Scan# 2114
Delta R.T. 0.03 min
Lab File: BG033127.D
Acq: 13 Mar 2018 20:13

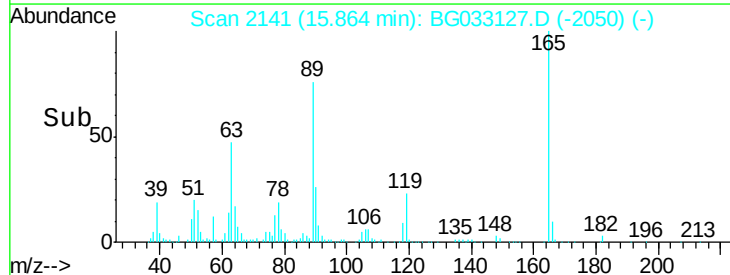
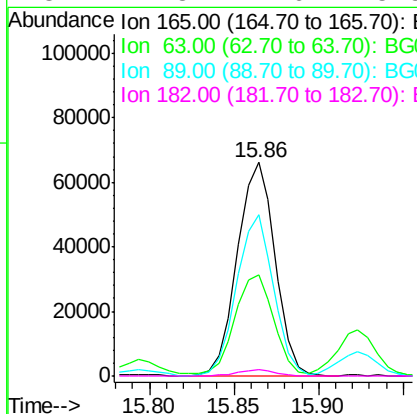
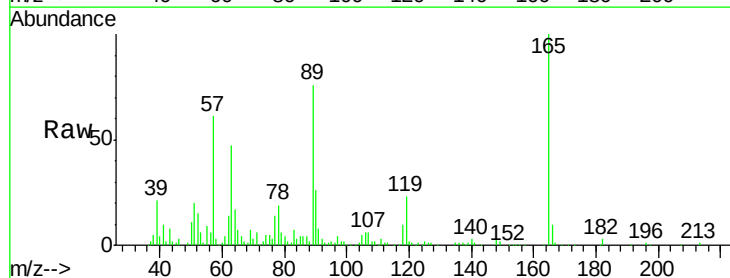
Instrument :
BNA_G
ClientSampleId :
PB107310BS

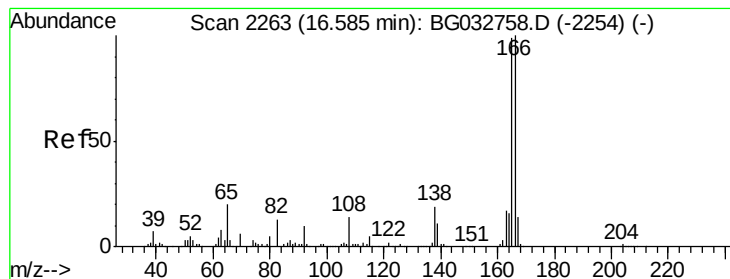
Tot Ion:139 Resp: 84579
Ion Ratio Lower Upper
139 100
109 78.9 62.2 102.2
65 104.9 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 55.196 ng
RT: 15.86 min Scan# 2141
Delta R.T. 0.01 min
Lab File: BG033127.D
Acq: 13 Mar 2018 20:13

Tgt Ion:165 Resp: 102586
Ion Ratio Lower Upper
165 100
63 47.4 42.0 63.0
89 75.6 66.9 100.3
182 2.8 2.6 3.8





#57

Fluorene

Concen: 37.342 ng

RT: 16.56 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PB107310BS

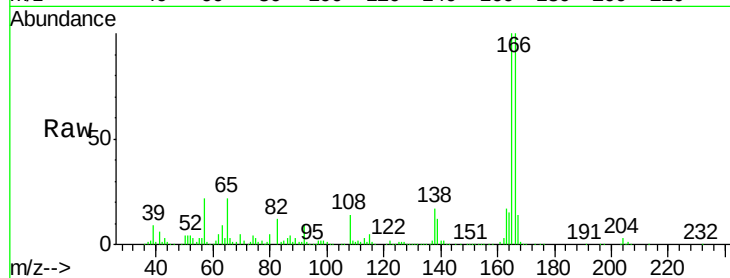
Tot Ion:166 Resp: 317694

Ion Ratio Lower Upper

166 100

165 100.5 80.6 121.0

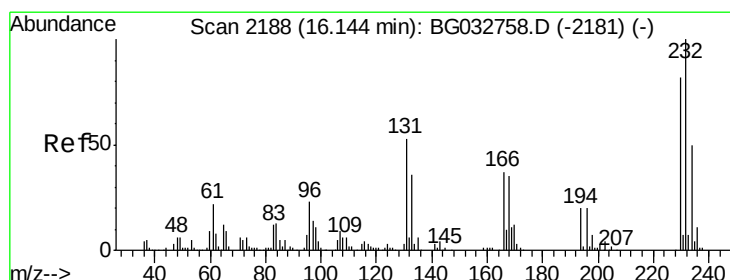
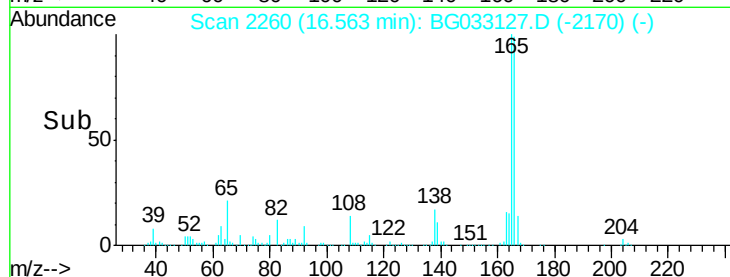
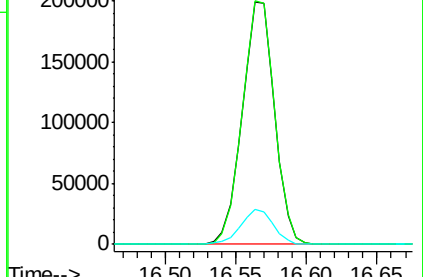
167 14.6 10.4 15.6



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: 25.200 ng

RT: 16.13 min Scan# 2187

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Tgt Ion:232 Resp: 46109

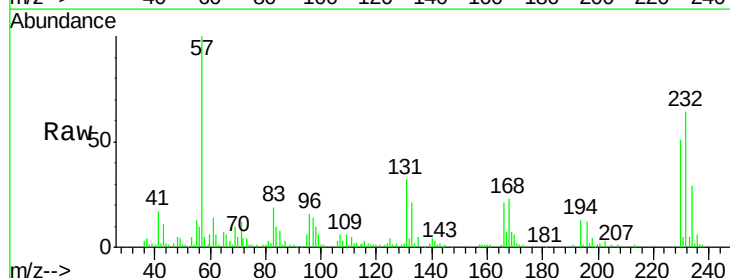
Ion Ratio Lower Upper

232 100

131 52.0 33.5 50.3#

130 3.3 2.2 3.2#

166 33.6 24.8 37.2

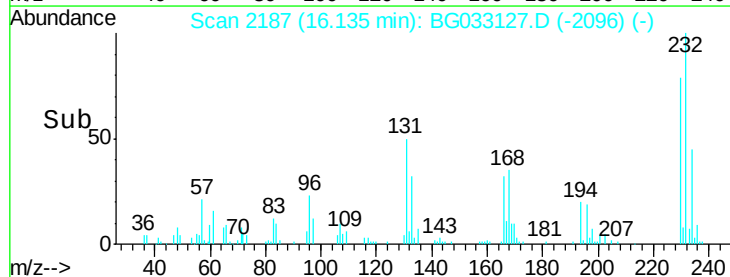
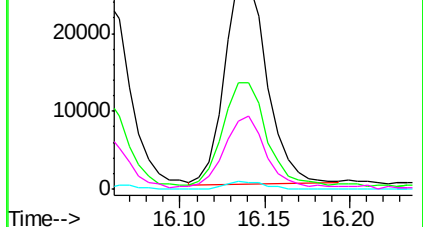


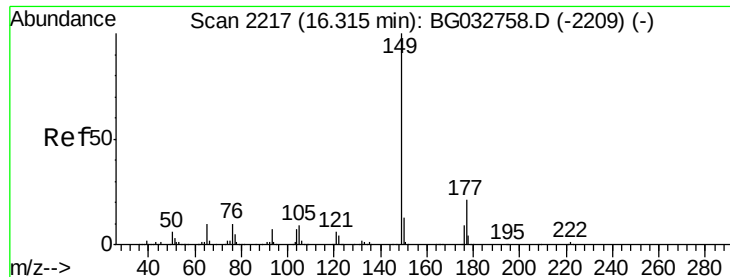
Abundance Ion 232.00 (231.70 to 232.70): E

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

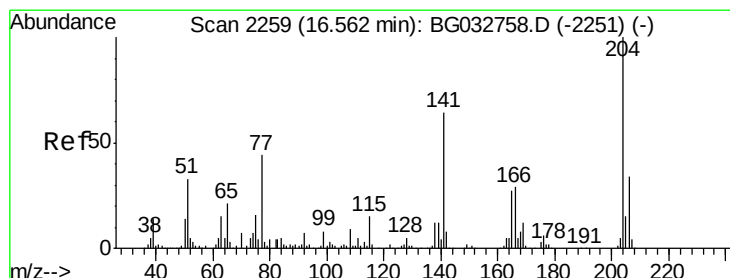
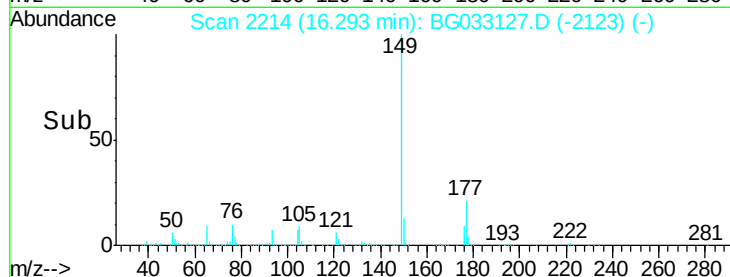
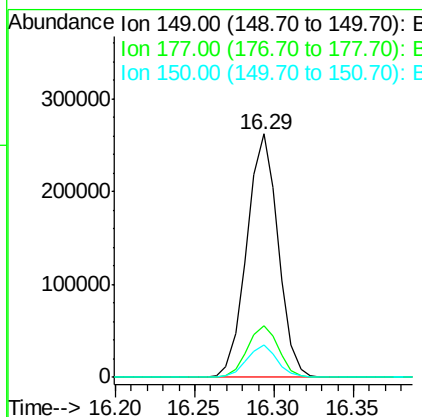
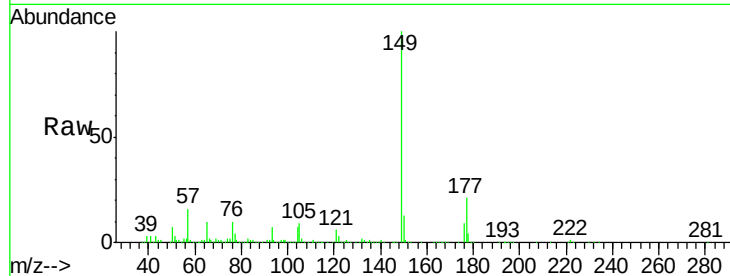




#59
Diethylphthalate
Concen: 36.868 ng
RT: 16.29 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BG033127.D
Acq: 13 Mar 2018 20:13

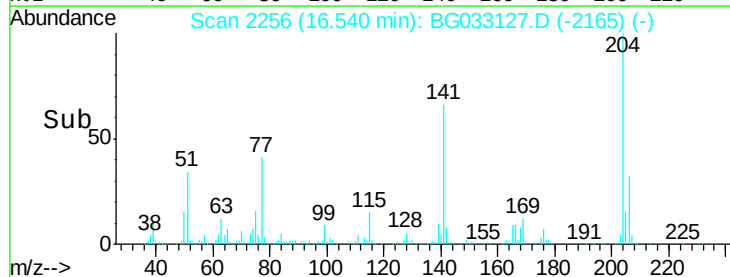
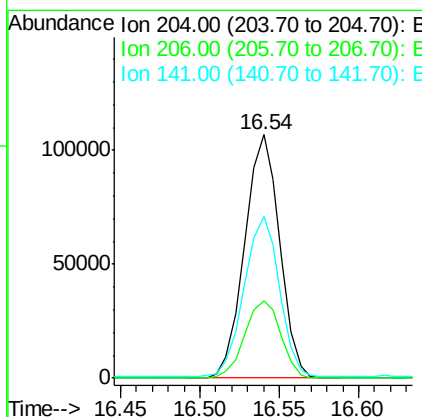
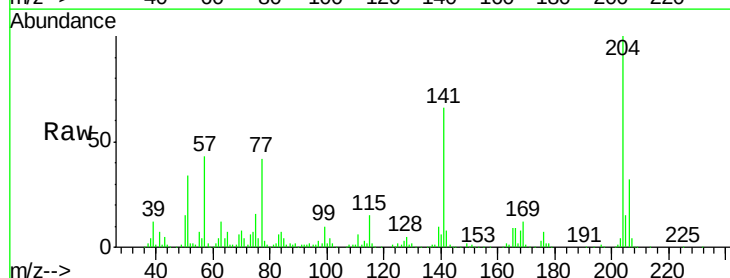
Instrument :
BNA_G
ClientSampleId :
PB107310BS

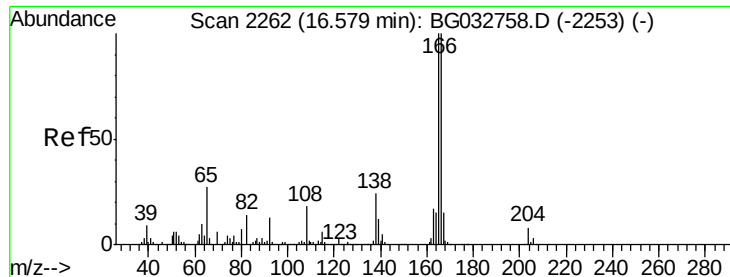
Tot Ion:149 Resp: 359122
Ion Ratio Lower Upper
149 100
177 21.4 18.5 27.7
150 13.2 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.308 ng
RT: 16.54 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BG033127.D
Acq: 13 Mar 2018 20:13

Tgt Ion:204 Resp: 163598
Ion Ratio Lower Upper
204 100
206 31.6 26.2 39.2
141 66.3 45.8 68.6





#61

4-Nitroaniline

Concen: 39.455 ng

RT: 16.58 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PB107310BS

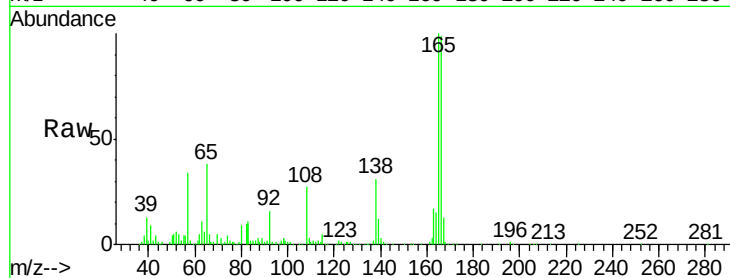
Tot Ion:138 Resp: 76763

Ion Ratio Lower Upper

138 100

92 51.6 40.1 80.1

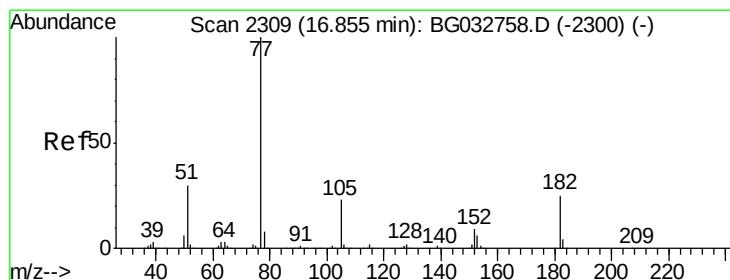
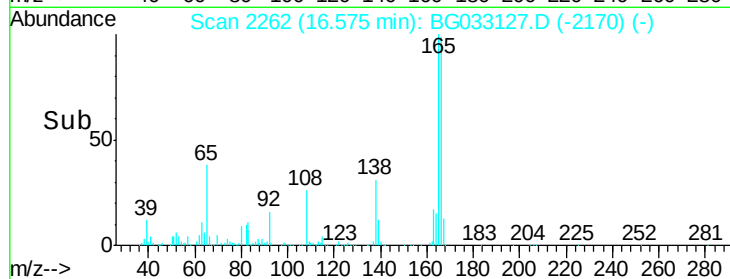
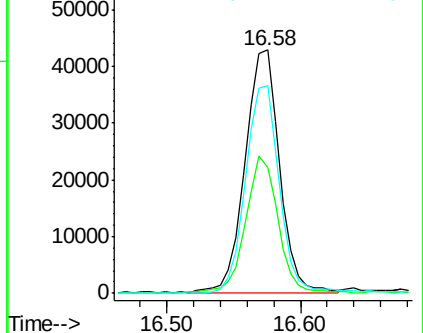
108 85.1 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.150 ng

RT: 16.83 min Scan# 2306

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Tgt Ion: 77 Resp: 332449

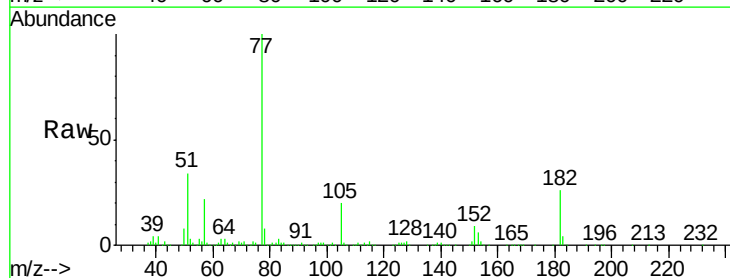
Ion Ratio Lower Upper

77 100

182 25.6 7.4 47.4

105 20.1 0.3 40.3

51 33.9 11.6 51.6

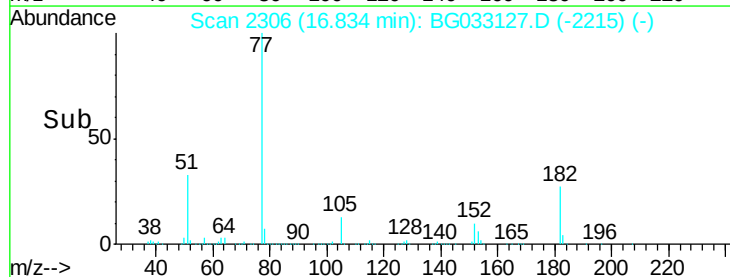
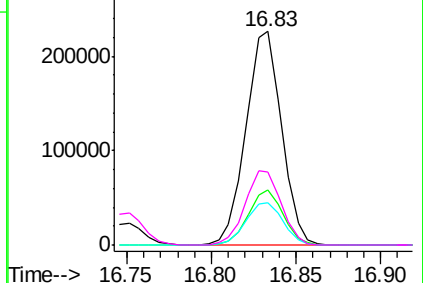


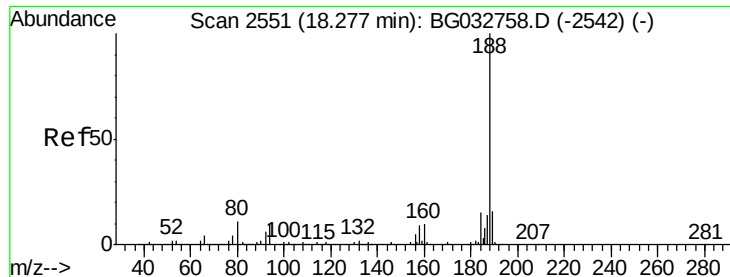
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.26 min Scan# 2549

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PB107310BS

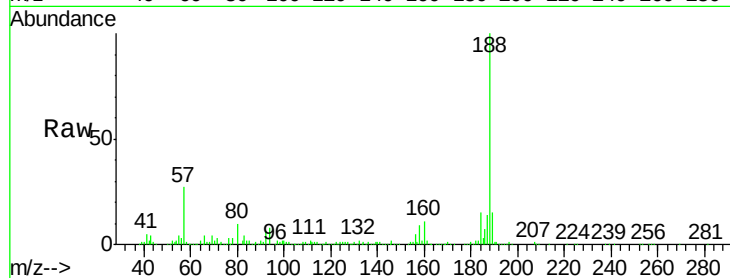
Tot Ion:188 Resp: 235083

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

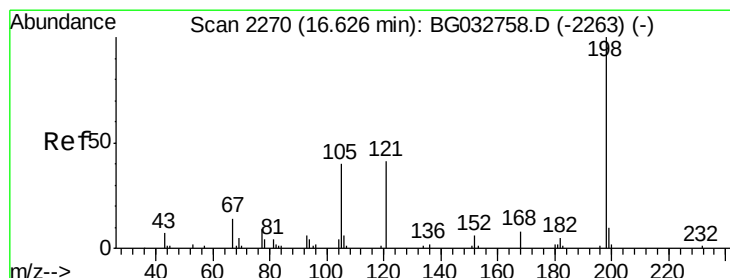
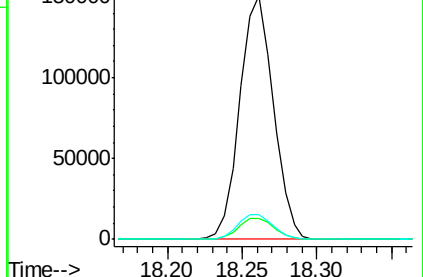
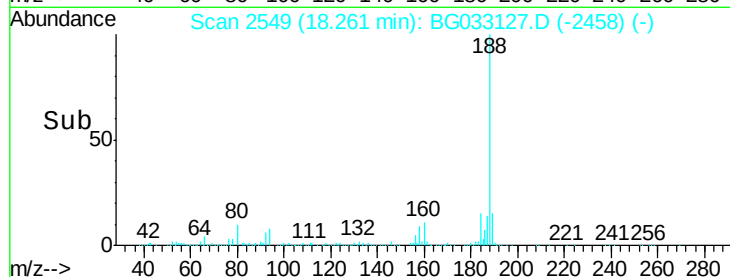
80 10.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 11.786 ng

RT: 16.62 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

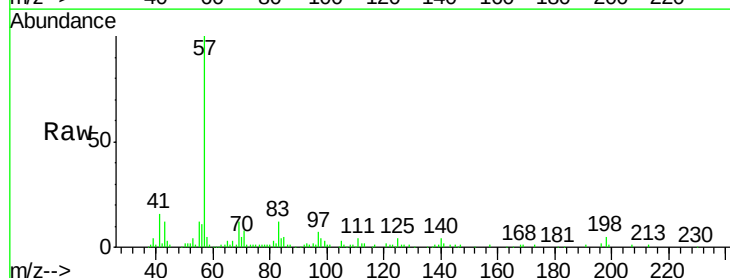
Tgt Ion:198 Resp: 3980

Ion Ratio Lower Upper

198 100

51 43.3 30.6 70.6

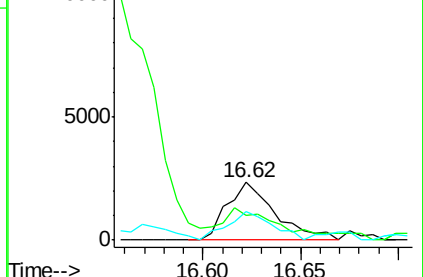
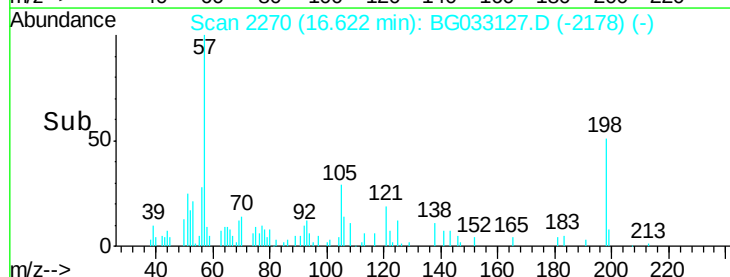
105 49.9 23.8 63.8

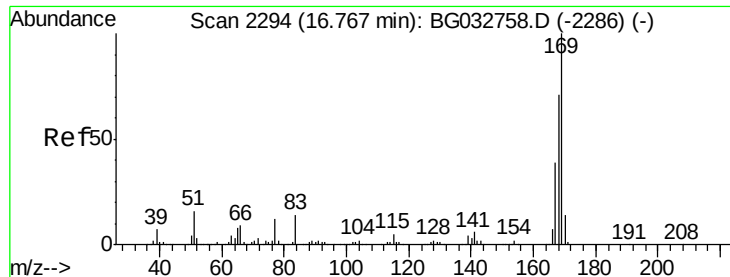


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

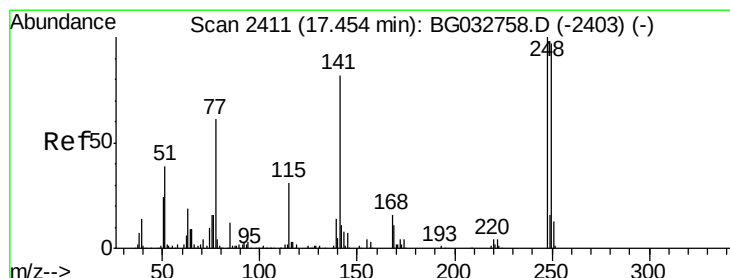
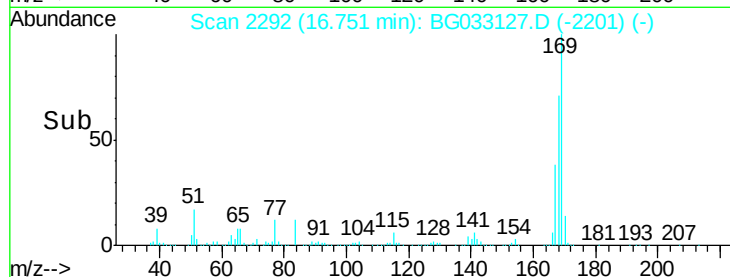
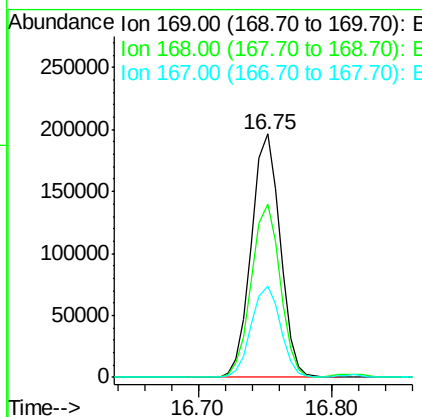
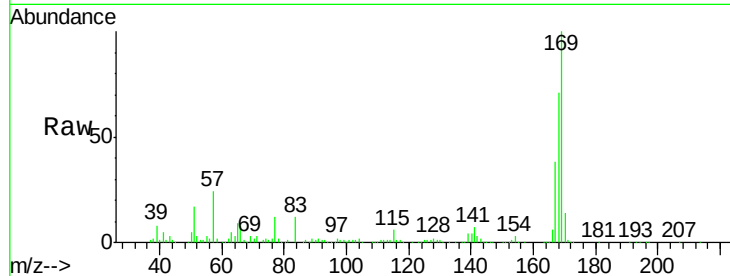




#65
 n-Nitrosodiphenylamine
 Concen: 38.043 ng
 RT: 16.75 min Scan# 2292
 Delta R.T. 0.01 min
 Lab File: BG033127.D
 Acq: 13 Mar 2018 20:13

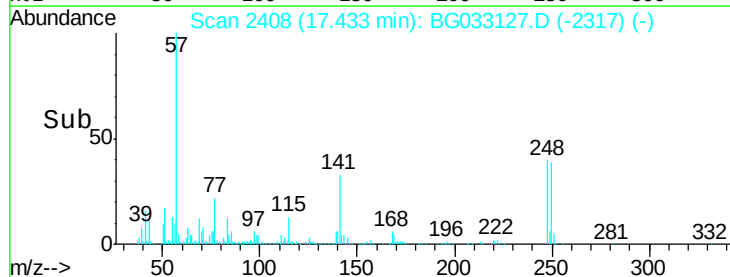
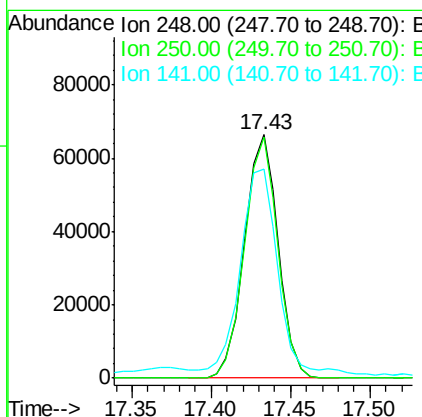
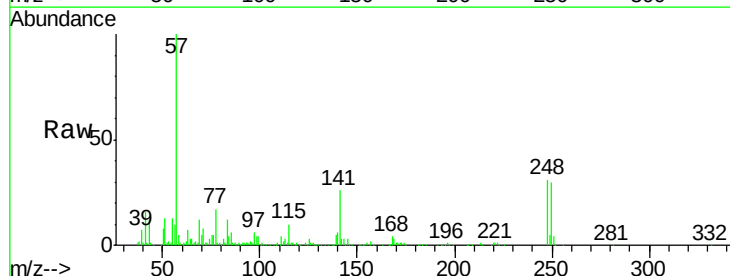
Instrument :
 BNA_G
 ClientSampleId :
 PB107310BS

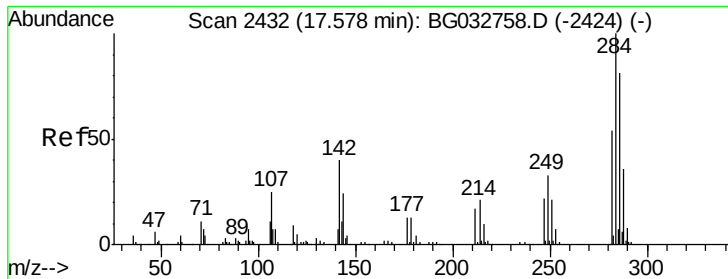
Tot Ion	Ratio	Lower	Upper
169	100		
168	71.0	55.7	83.5
167	37.6	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 39.334 ng
 RT: 17.43 min Scan# 2408
 Delta R.T. 0.01 min
 Lab File: BG033127.D
 Acq: 13 Mar 2018 20:13

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.0	77.1	115.7
141	85.8	50.8	76.2





#67

Hexachlorobenzene

Concen: 39.689 ng

RT: 17.56 min Scan# 2430

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PB107310BS

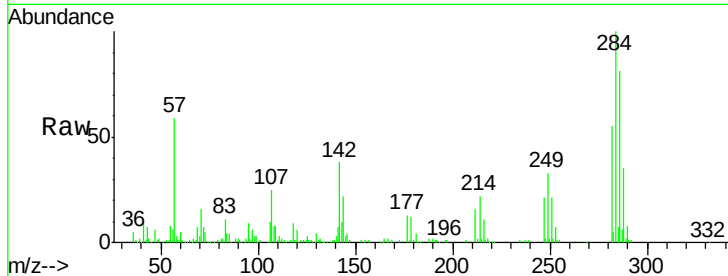
Tot Ion:284 Resp: 106614

Ion Ratio Lower Upper

284 100

142 38.3 26.8 40.2

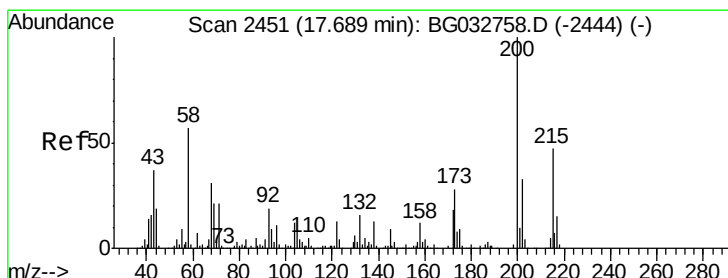
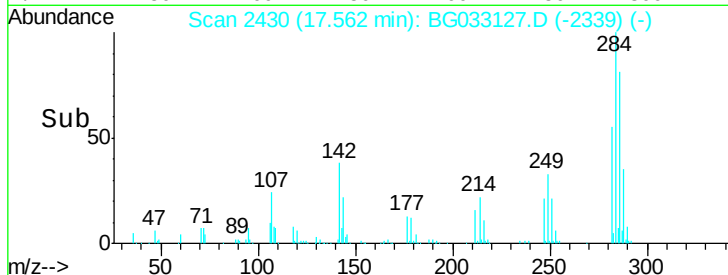
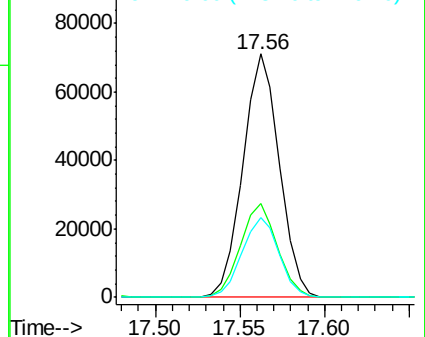
249 32.6 26.3 39.5



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: 42.291 ng

RT: 17.67 min Scan# 2449

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

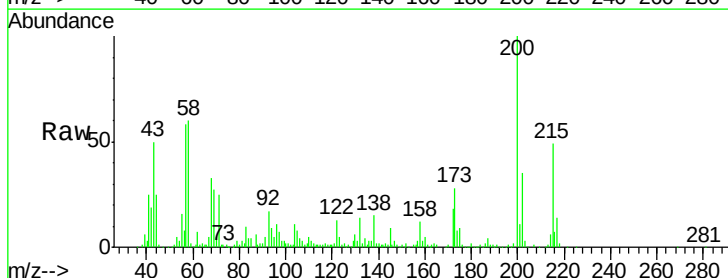
Tgt Ion:200 Resp: 106459

Ion Ratio Lower Upper

200 100

173 28.0 5.2 45.2

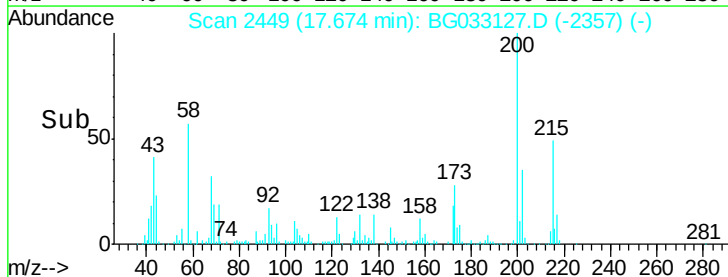
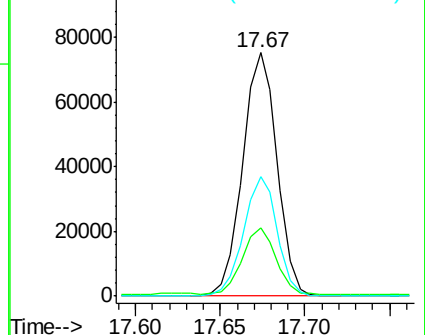
215 49.1 30.4 70.4

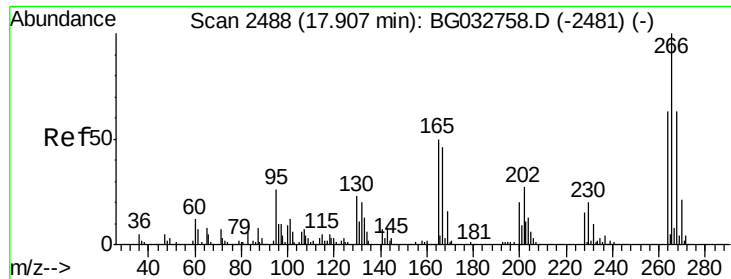


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 9.754 ng

RT: 17.90 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PB107310BS

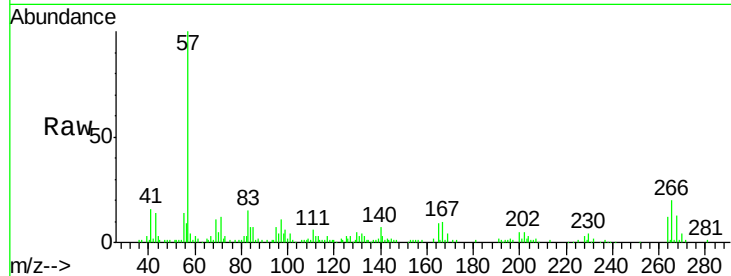
Tot Ion:266 Resp: 16504

Ion Ratio Lower Upper

266 100

268 66.6 51.1 76.7

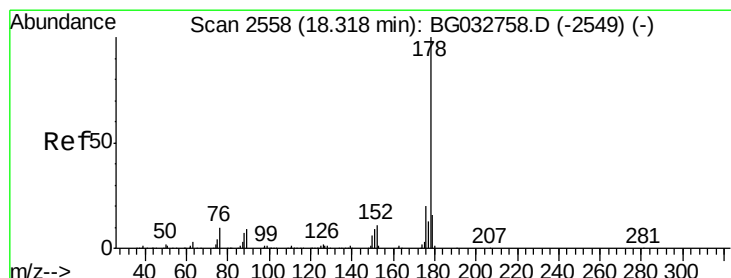
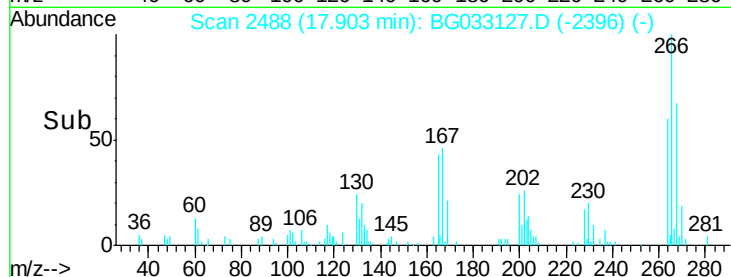
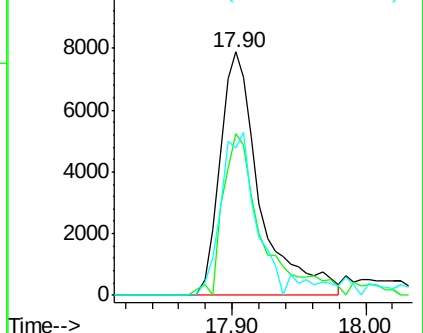
264 60.4 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 38.097 ng

RT: 18.30 min Scan# 2556

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

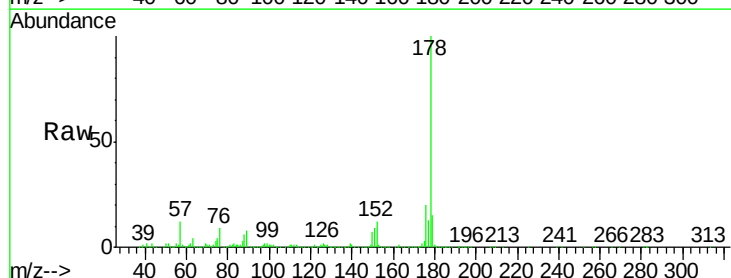
Tgt Ion:178 Resp: 499649

Ion Ratio Lower Upper

178 100

176 20.1 15.7 23.5

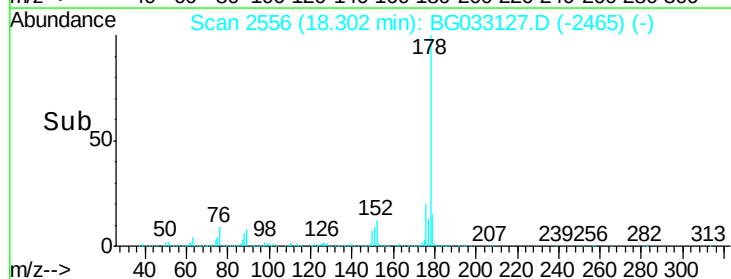
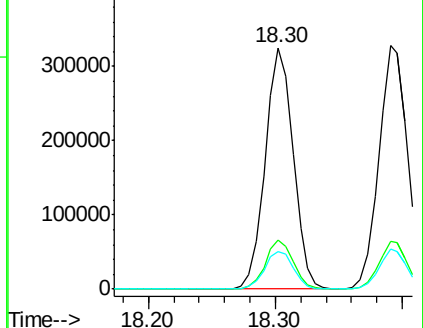
179 15.5 12.5 18.7

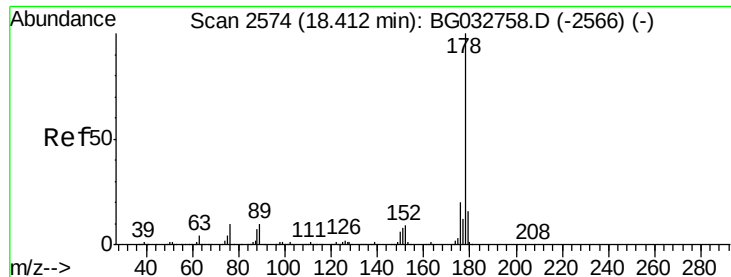


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

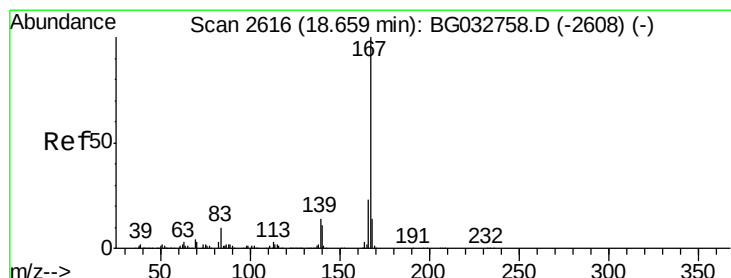
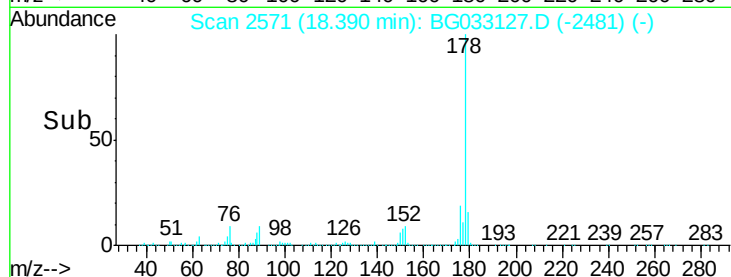
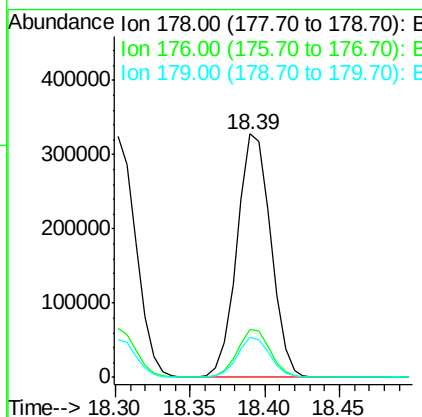
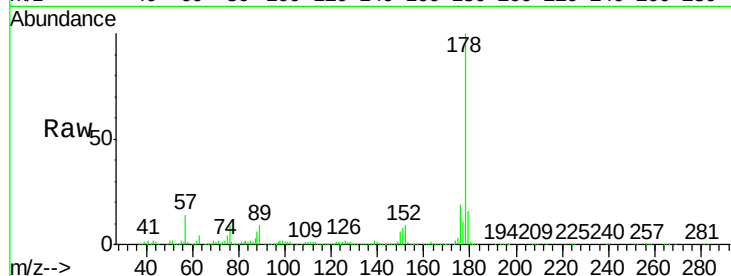




#71
 Anthracene
 Concen: 39.129 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: BG033127.D
 Acq: 13 Mar 2018 20:13

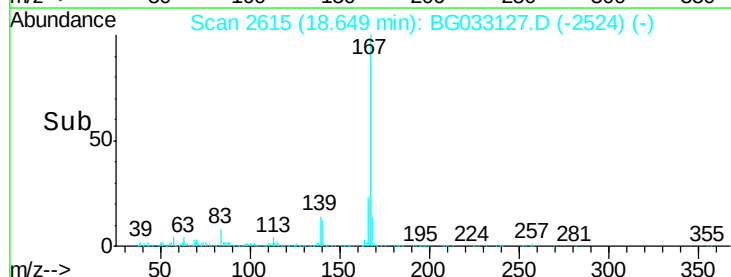
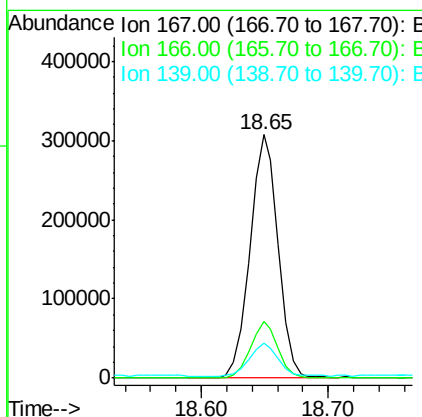
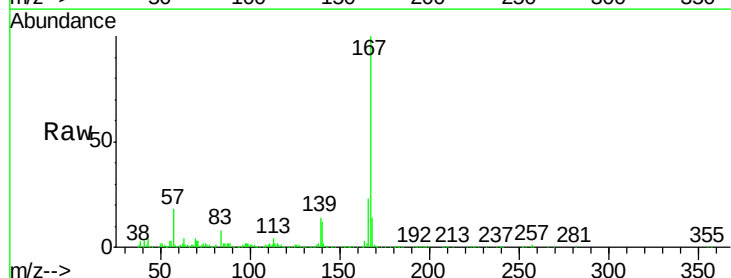
Instrument :
 BNA_G
 ClientSampleId :
 PB107310BS

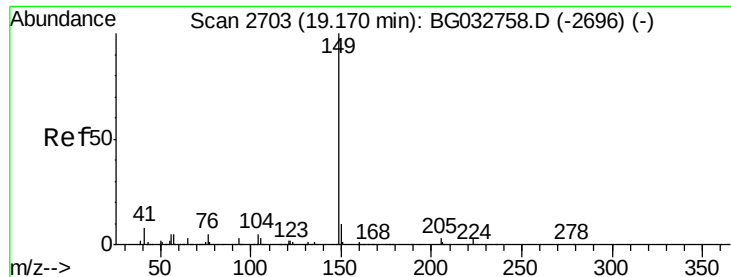
Tot Ion:178 Resp: 515220
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.0 24.0
 179 16.3 12.5 18.7



#72
 Carbazole
 Concen: 36.285 ng
 RT: 18.65 min Scan# 2615
 Delta R.T. 0.01 min
 Lab File: BG033127.D
 Acq: 13 Mar 2018 20:13

Tgt Ion:167 Resp: 470914
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.2 27.4
 139 14.5 9.4 14.2#





#73

Di-n-butylphthalate

Concen: 37.229 ng

RT: 19.14 min Scan# 2699

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PB107310BS

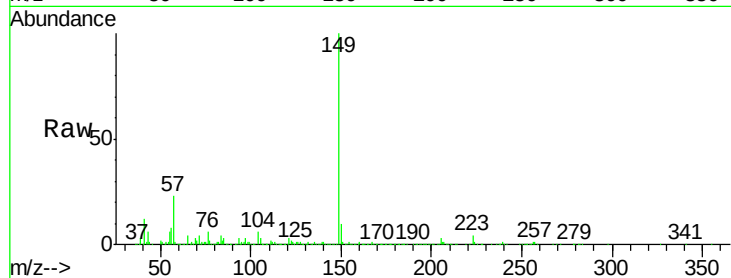
Tot Ion:149 Resp: 592757

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

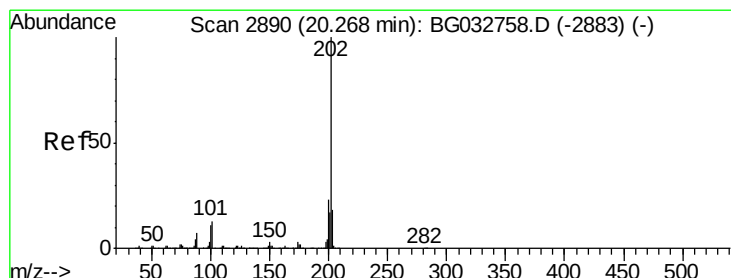
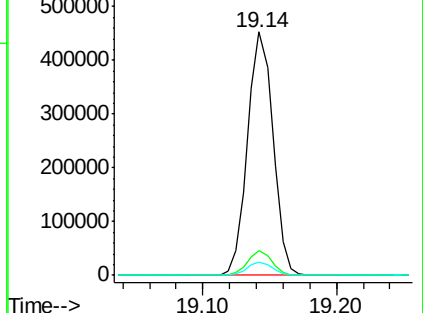
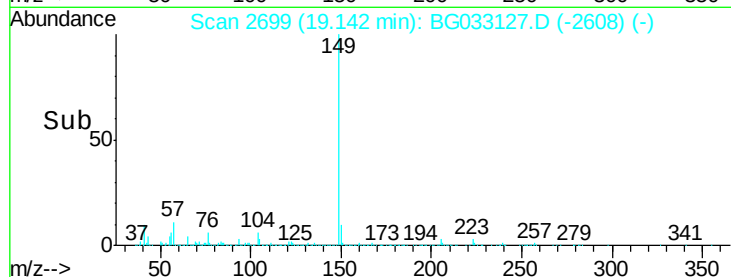
104 5.6 3.9 5.9



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: 37.693 ng

RT: 20.25 min Scan# 2888

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

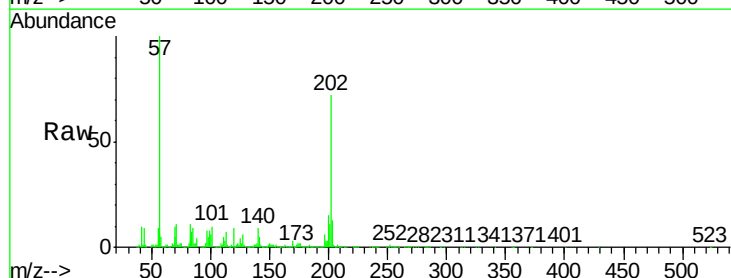
Tgt Ion:202 Resp: 546077

Ion Ratio Lower Upper

202 100

101 14.1 0.0 28.9

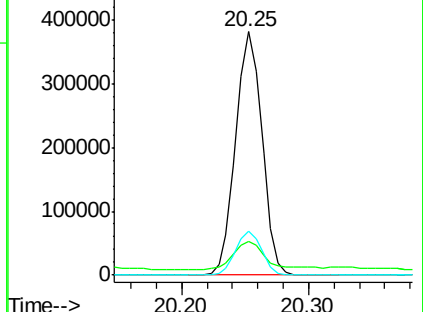
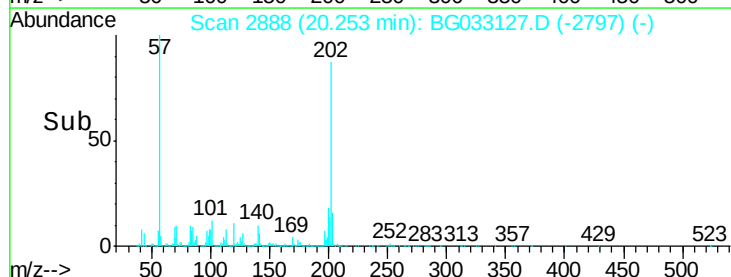
203 17.9 0.0 37.5

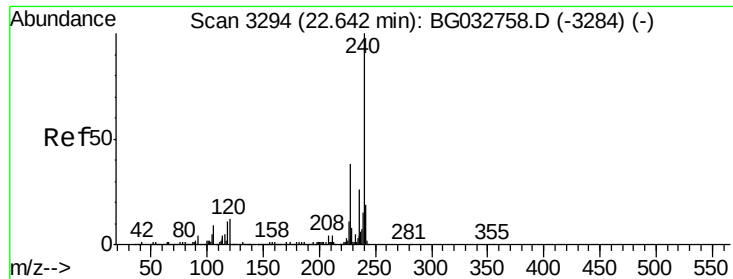


Abundance Ion 202.00 (201.70 to 202.70): E

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: 22.62 min Scan# 3291

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PB107310BS

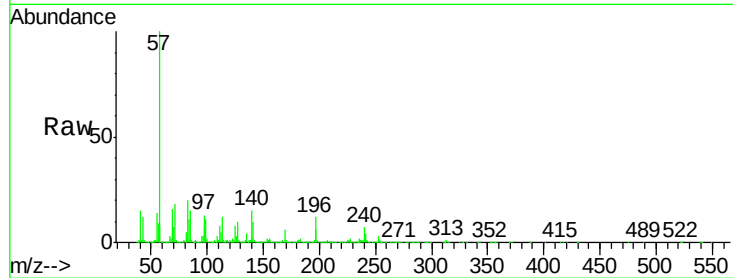
Tot Ion:240 Resp: 238845

Ion Ratio Lower Upper

240 100

120 9.2 6.8 10.2

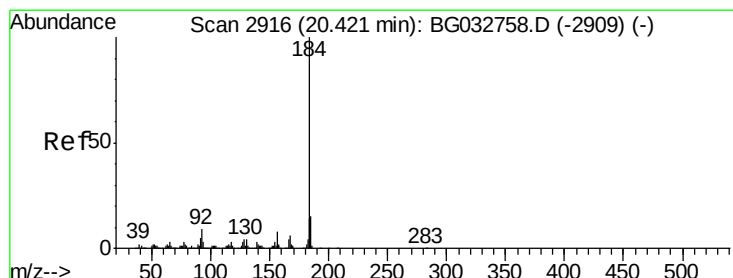
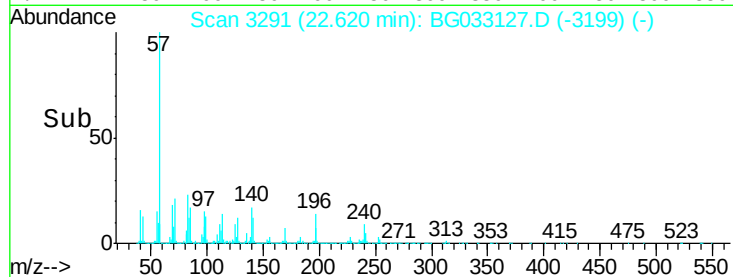
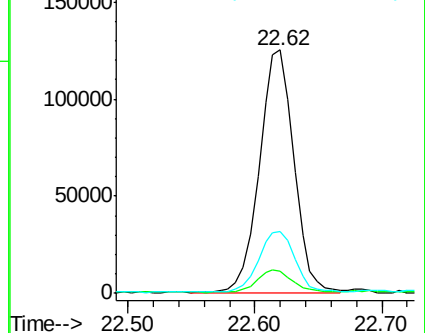
236 25.4 20.9 31.3



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: 8.744 ng

RT: 20.41 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

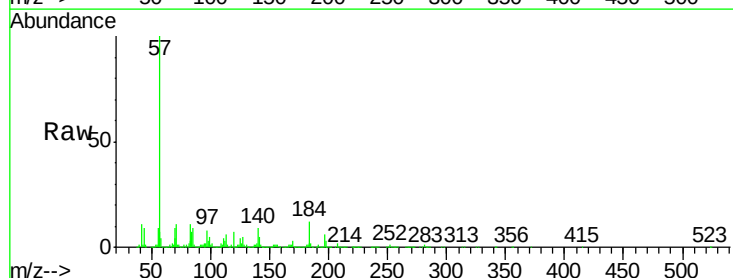
Tgt Ion:184 Resp: 71192

Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

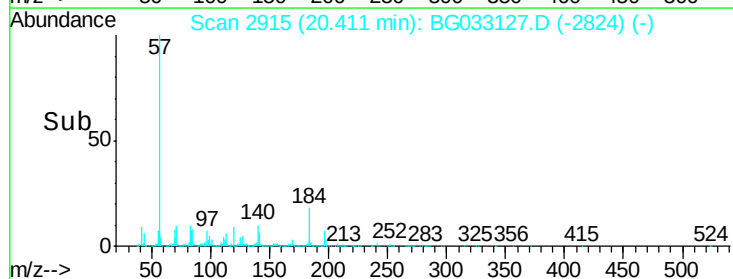
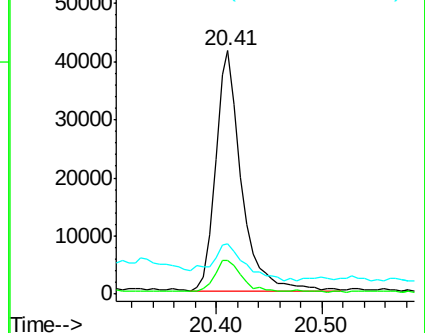
183 20.6 10.6 16.0#

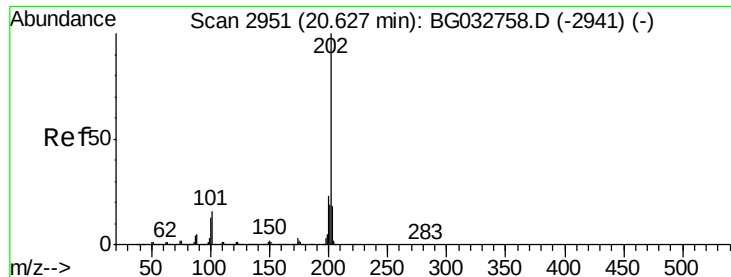


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 34.119 ng

RT: 20.61 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PB107310BS

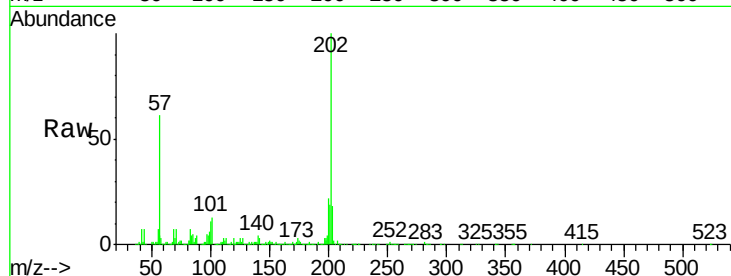
Tot Ion:202 Resp: 574678

Ion Ratio Lower Upper

202 100

200 21.6 16.9 25.3

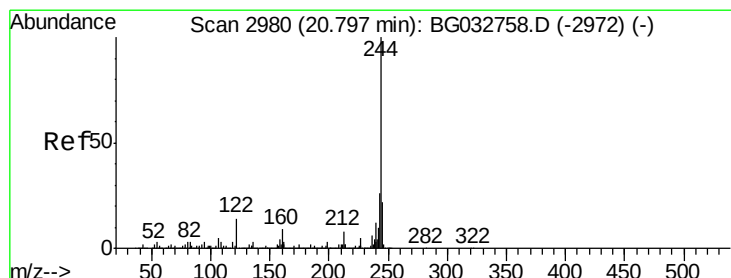
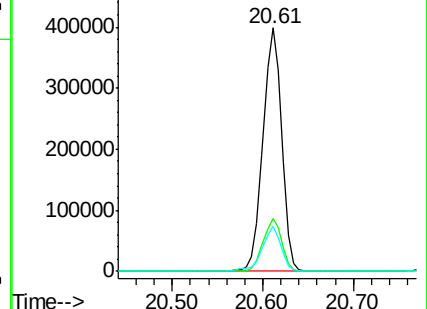
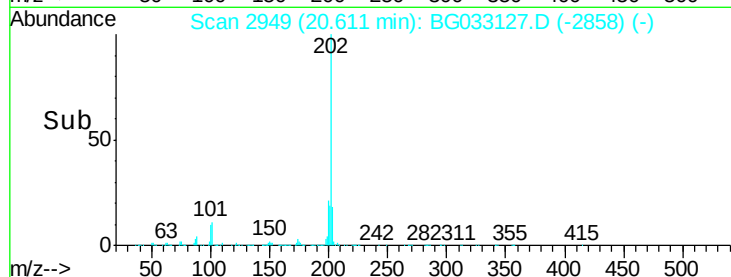
203 18.3 13.9 20.9



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: 82.914 ng

RT: 20.78 min Scan# 2977

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

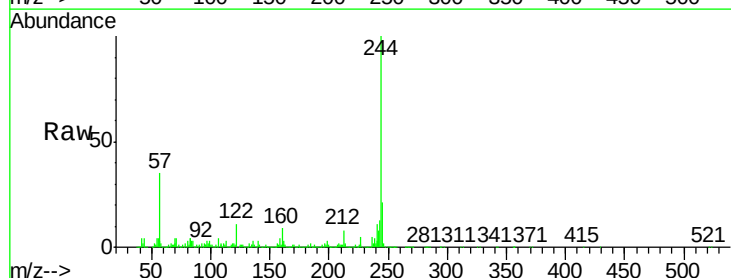
Tgt Ion:244 Resp: 881446

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

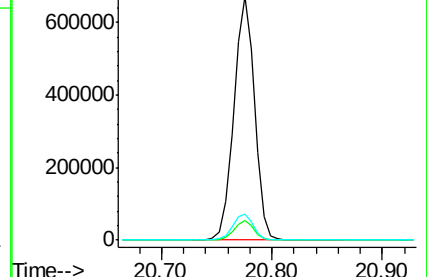
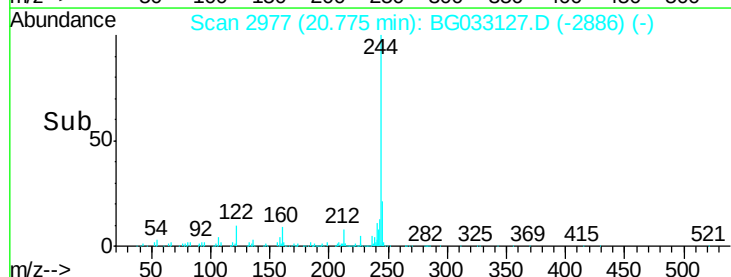
122 10.8 7.0 10.4#

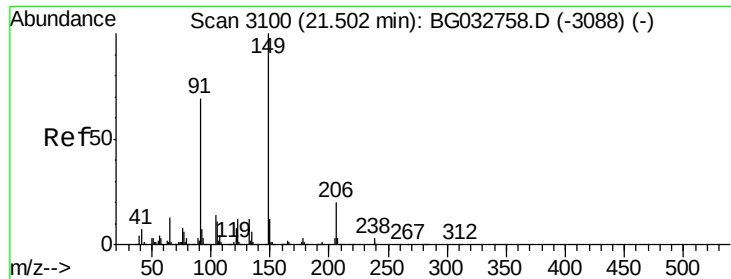


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

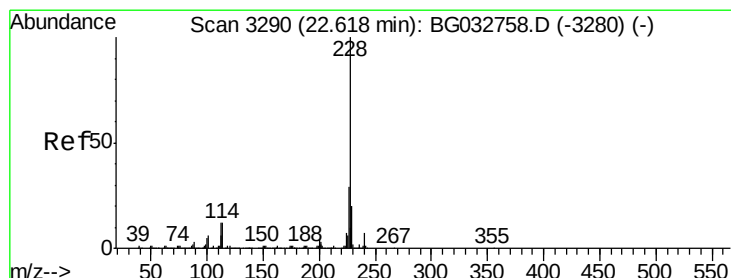
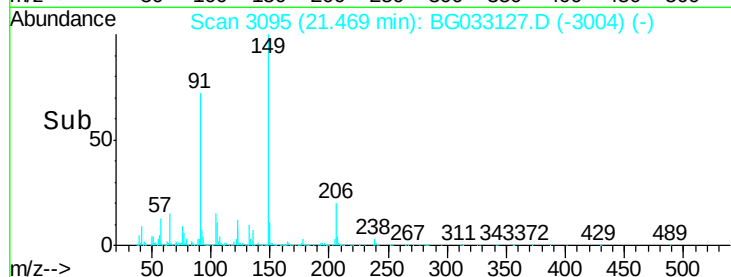
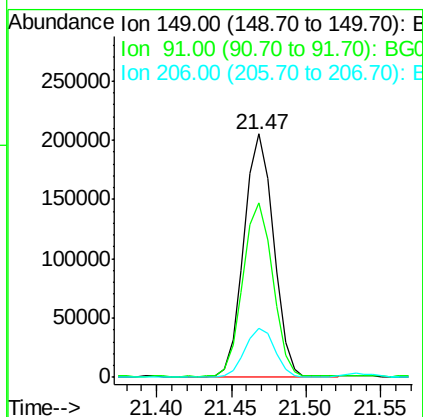
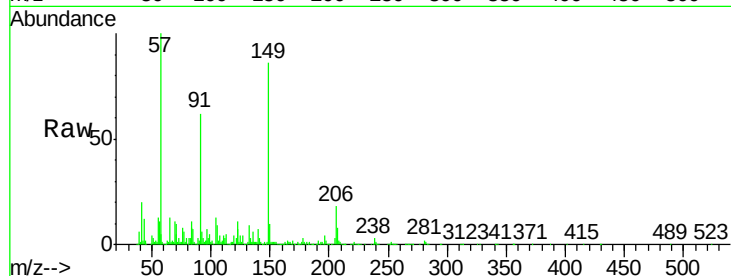




#79
Butylbenzylphthalate
Concen: 37.839 ng
RT: 21.47 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BG033127.D
Acq: 13 Mar 2018 20:13

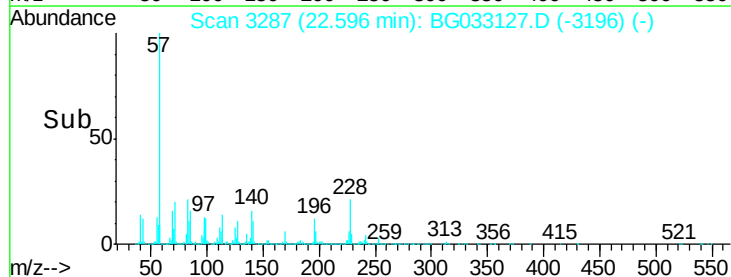
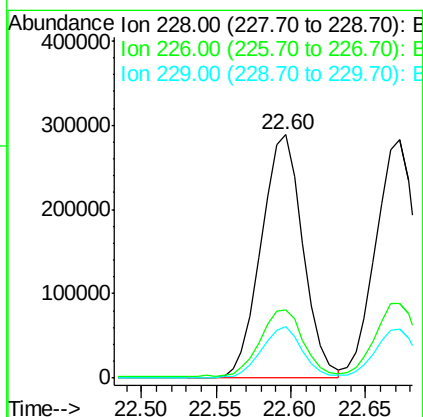
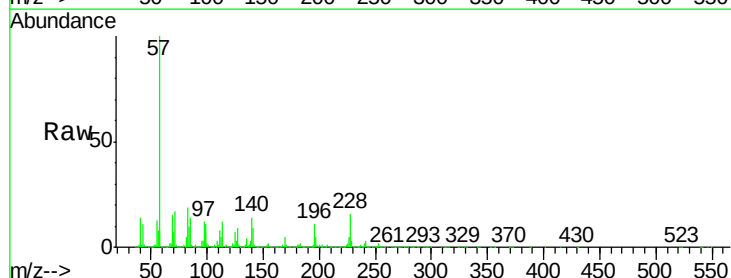
Instrument :
BNA_G
ClientSampleId :
PB107310BS

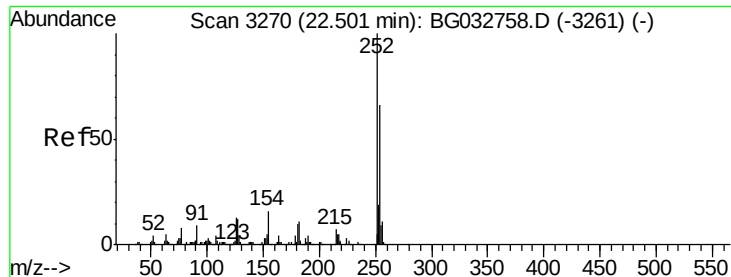
Tot Ion:149 Resp: 282574
Ion Ratio Lower Upper
149 100
91 71.8 62.2 93.2
206 20.3 18.6 27.8



#80
Benzo(a)anthracene
Concen: 36.665 ng
RT: 22.60 min Scan# 3287
Delta R.T. 0.01 min
Lab File: BG033127.D
Acq: 13 Mar 2018 20:13

Tgt Ion:228 Resp: 561557
Ion Ratio Lower Upper
228 100
226 28.0 22.7 34.1
229 21.1 16.2 24.2

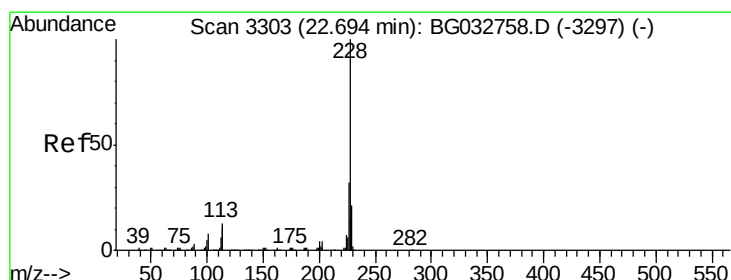
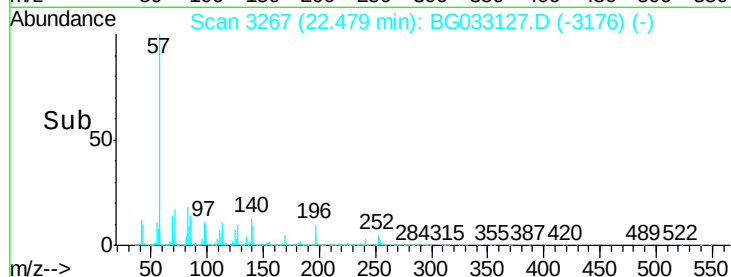
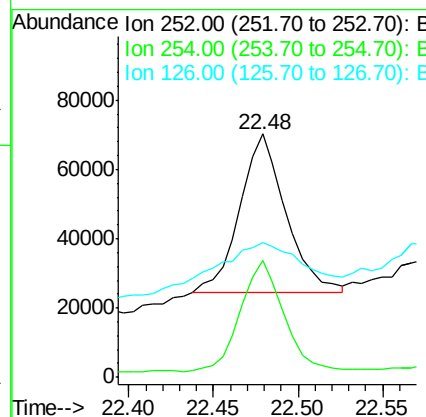
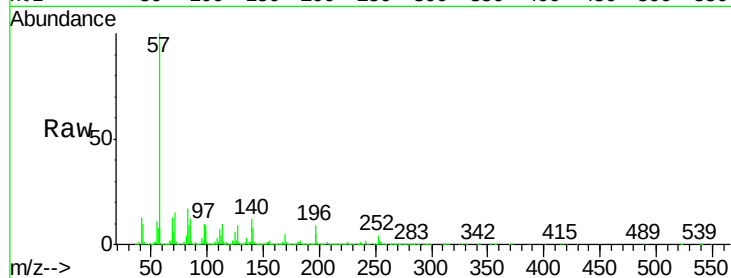




#81
 3,3'-Dichlorobenzidine
 Concen: 15.343 ng
 RT: 22.48 min Scan# 3267
 Delta R.T. 0.01 min
 Lab File: BG033127.D
 Acq: 13 Mar 2018 20:13

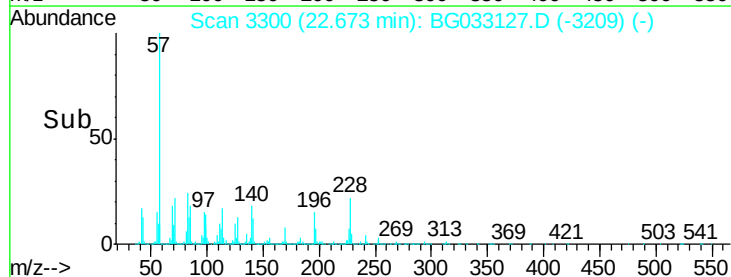
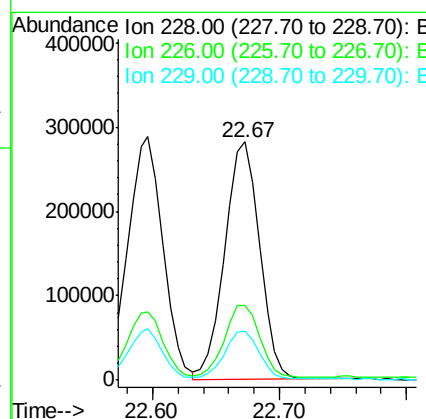
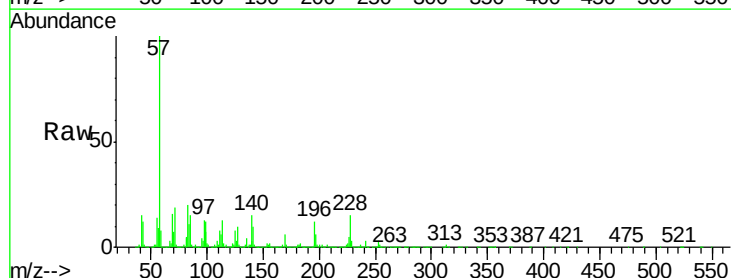
Instrument :
 BNA_G
 ClientSampleID :
 PB107310BS

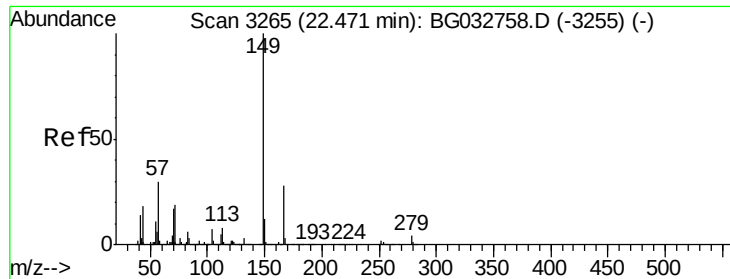
Tot Ion:252 Resp: 87031
 Ion Ratio Lower Upper
 252 100
 254 47.8 50.8 76.2#
 126 55.1 7.4 11.2#



#82
 Chrysene
 Concen: 36.665 ng
 RT: 22.67 min Scan# 3300
 Delta R.T. 0.01 min
 Lab File: BG033127.D
 Acq: 13 Mar 2018 20:13

Tgt Ion:228 Resp: 536433
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.9 37.3
 229 20.8 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.031 ng

RT: 22.41 min Scan# 3256

Delta R.T. -0.00 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PB107310BS

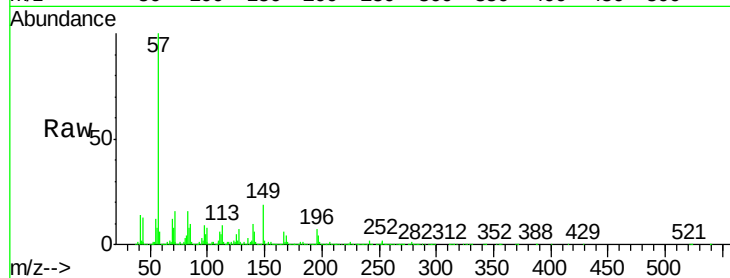
Tot Ion:149 Resp: 387238

Ion Ratio Lower Upper

149 100

167 30.0 24.3 36.5

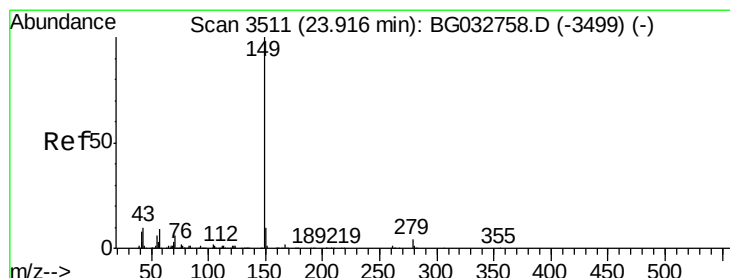
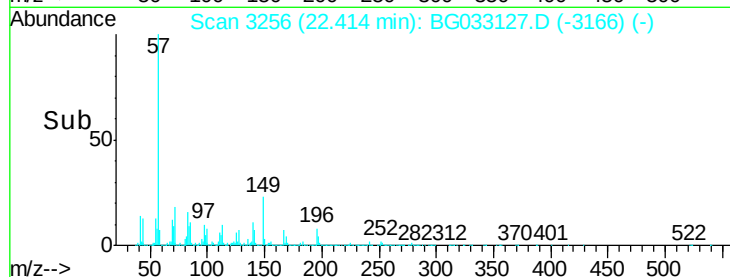
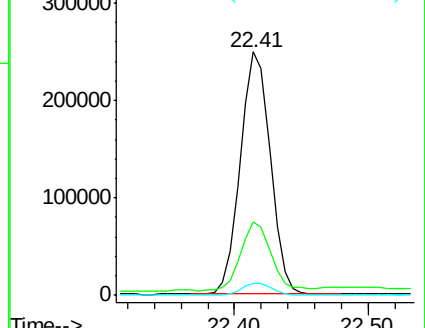
279 5.1 4.0 6.0



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: 41.413 ng

RT: 23.82 min Scan# 3496

Delta R.T. -0.00 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

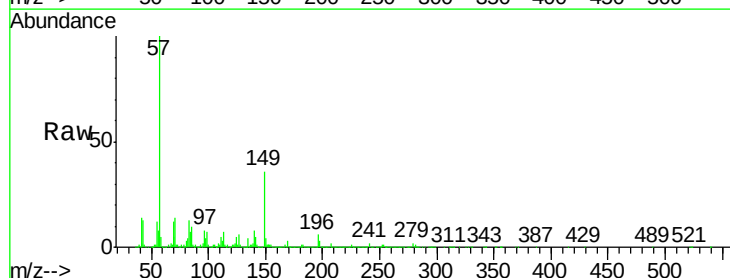
Tgt Ion:149 Resp: 697773

Ion Ratio Lower Upper

149 100

167 2.2 1.4 2.0#

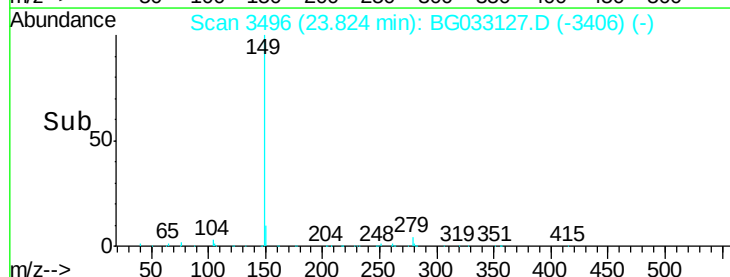
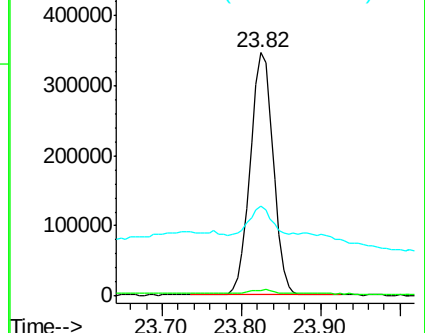
43 10.8 8.9 13.3

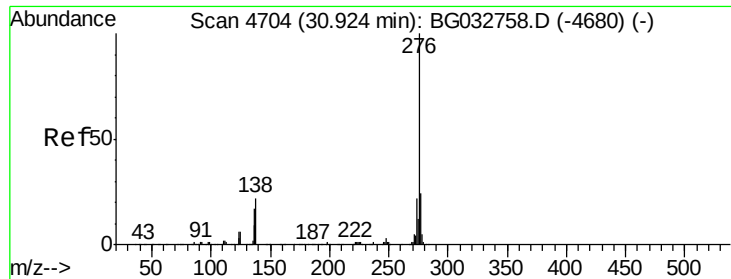


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

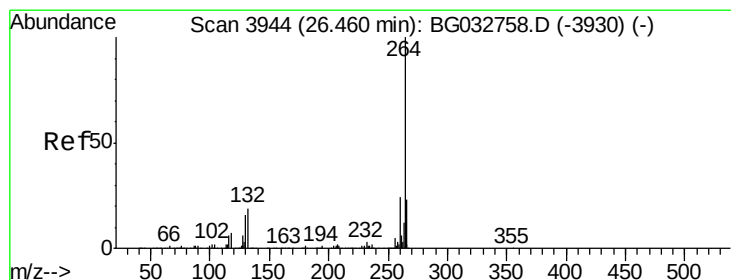
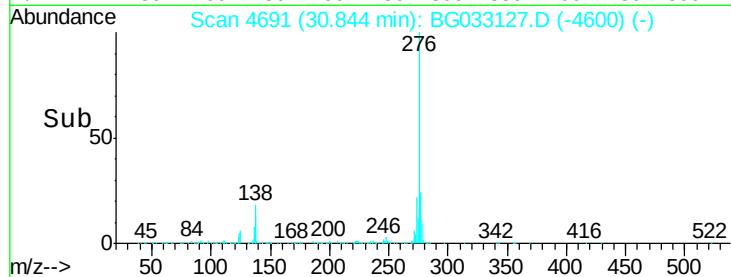
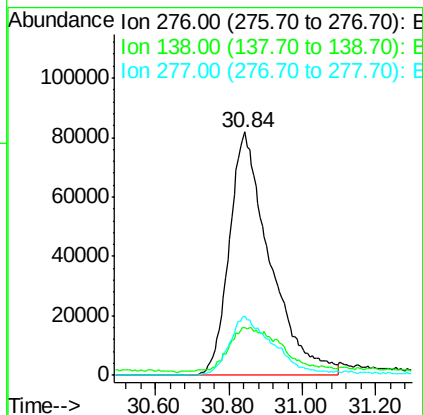
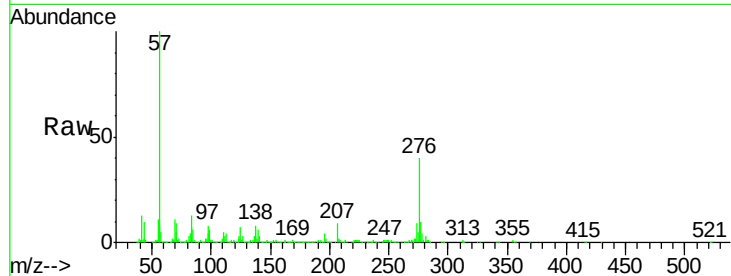




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.722 ng
 RT: 30.84 min Scan# 4691
 Delta R.T. 0.01 min
 Lab File: BG033127.D
 Acq: 13 Mar 2018 20:13

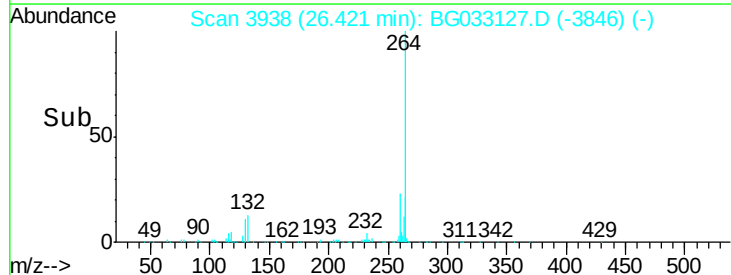
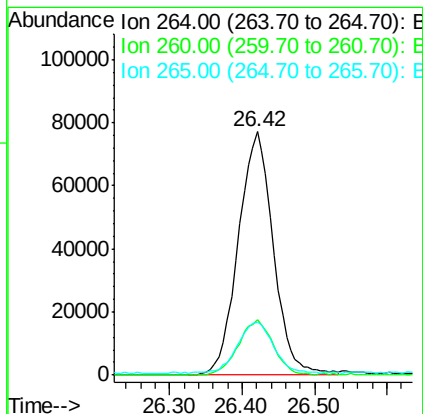
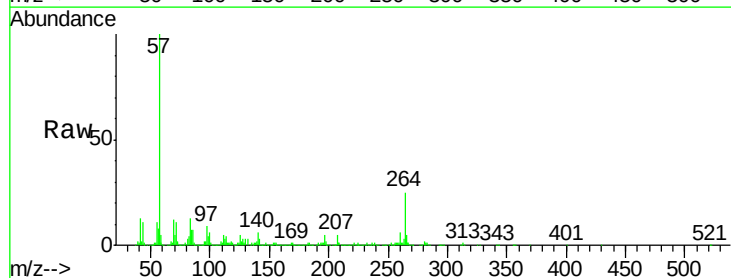
Instrument :
 BNA_G
 ClientSampleId :
 PB107310BS

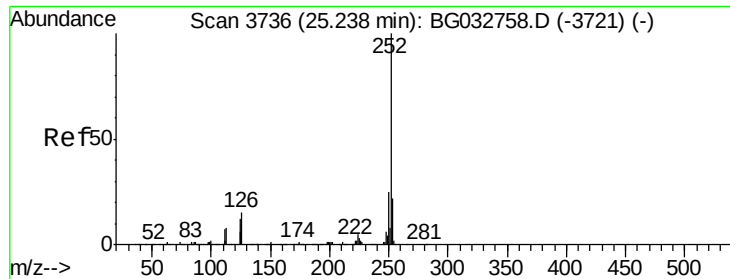
Tot Ion:276 Resp: 626583
 Ion Ratio Lower Upper
 276 100
 138 22.9 16.0 24.0
 277 26.6 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.42 min Scan# 3938
 Delta R.T. 0.01 min
 Lab File: BG033127.D
 Acq: 13 Mar 2018 20:13

Tgt Ion:264 Resp: 259674
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.4 26.0
 265 21.9 17.7 26.5

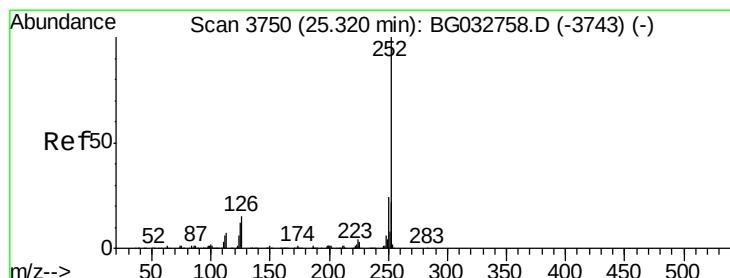
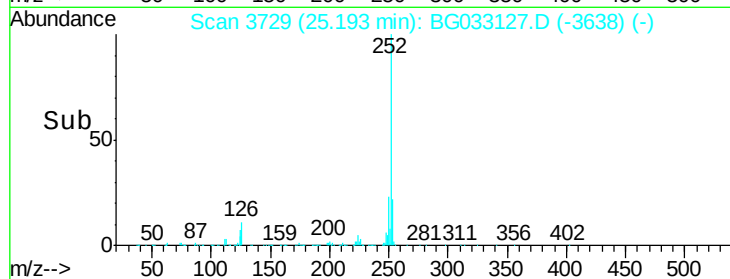
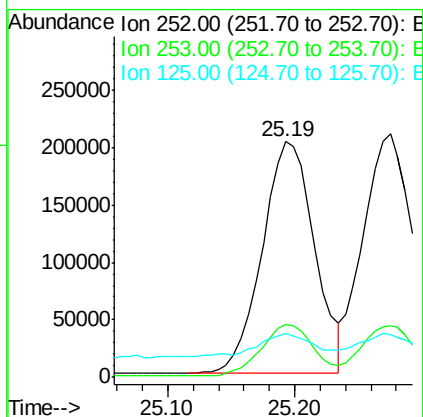
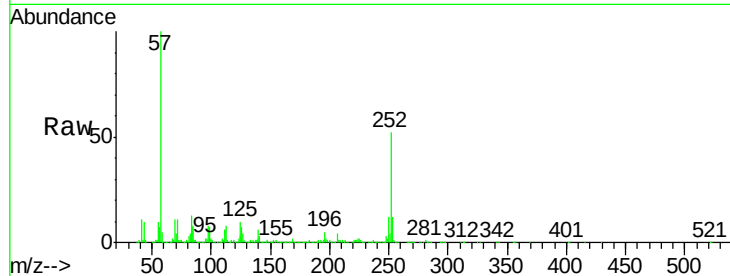




#87
Benzo(b)fluoranthene
Concen: 37.490 ng
RT: 25.19 min Scan# 3729
Delta R.T. 0.01 min
Lab File: BG033127.D
Acq: 13 Mar 2018 20:13

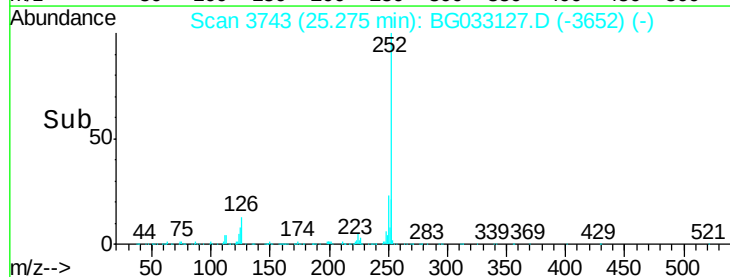
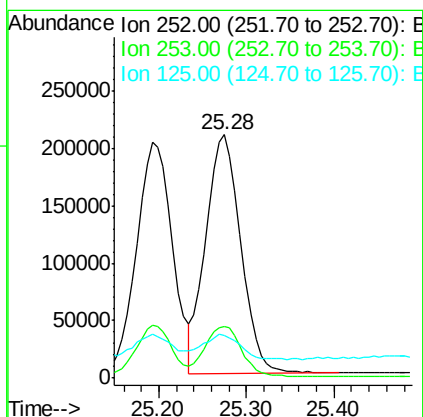
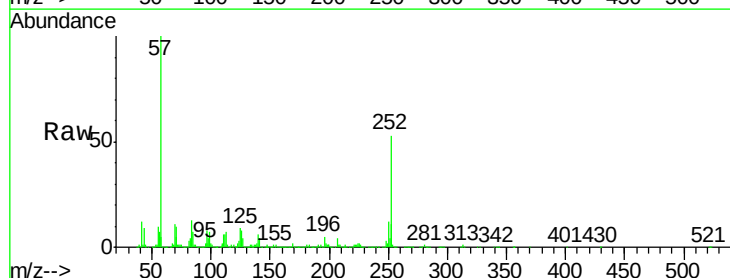
Instrument :
BNA_G
ClientSampleId :
PB107310BS

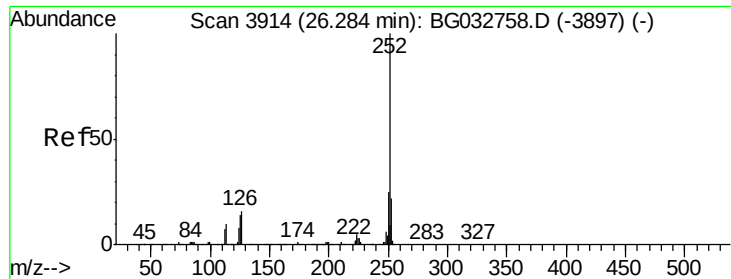
Tot Ion:252 Resp: 575611
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 18.5 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 37.654 ng
RT: 25.28 min Scan# 3743
Delta R.T. 0.01 min
Lab File: BG033127.D
Acq: 13 Mar 2018 20:13

Tgt Ion:252 Resp: 574564
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 17.4 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 37.777 ng

RT: 26.24 min Scan# 3908

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PB107310BS

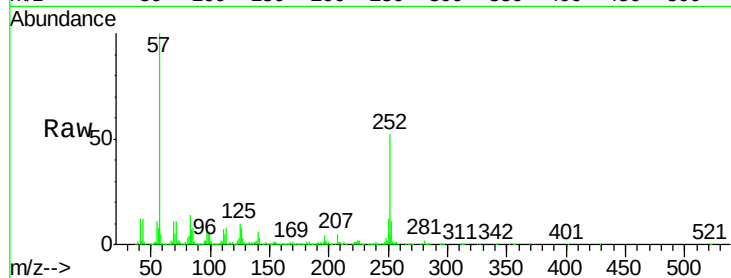
Tot Ion:252 Resp: 551672

Ion Ratio Lower Upper

252 100

253 21.4 18.3 27.5

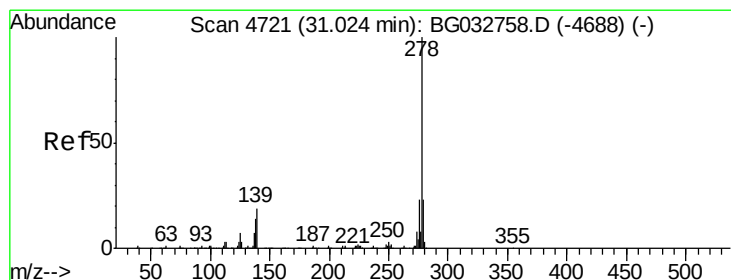
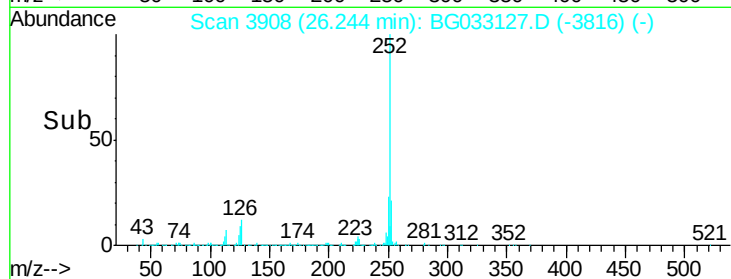
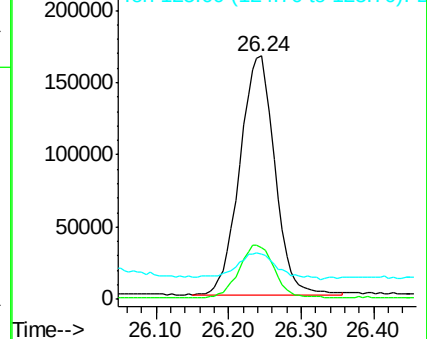
125 18.7 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.556 ng

RT: 30.93 min Scan# 4705

Delta R.T. 0.01 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

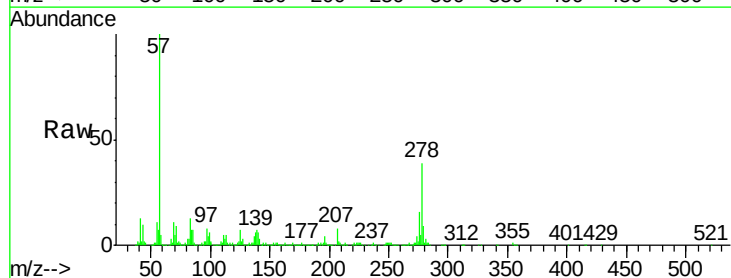
Tgt Ion:278 Resp: 522658

Ion Ratio Lower Upper

278 100

139 18.2 9.8 14.6#

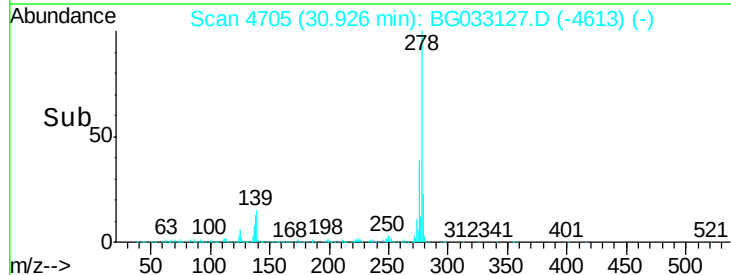
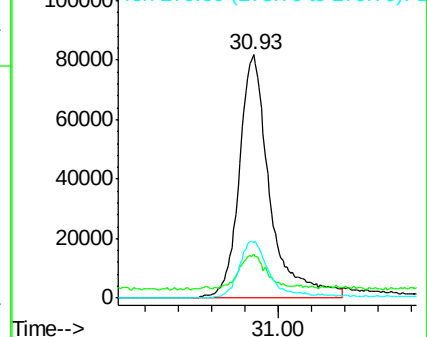
279 23.0 18.4 27.6

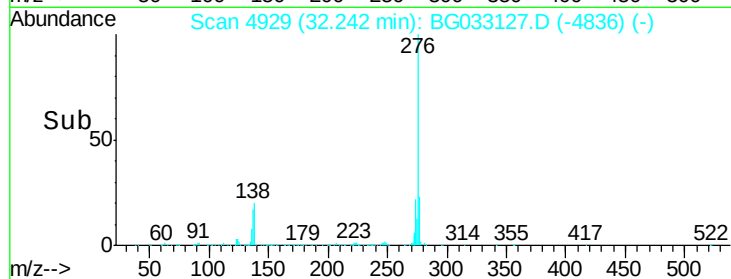
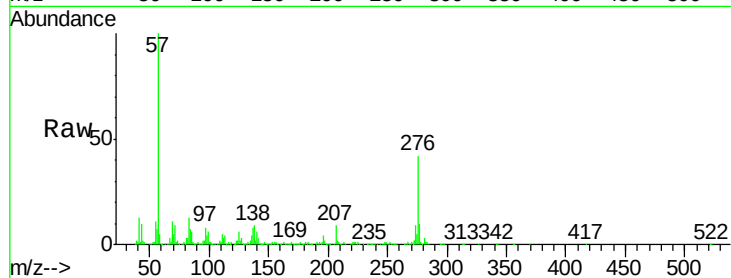
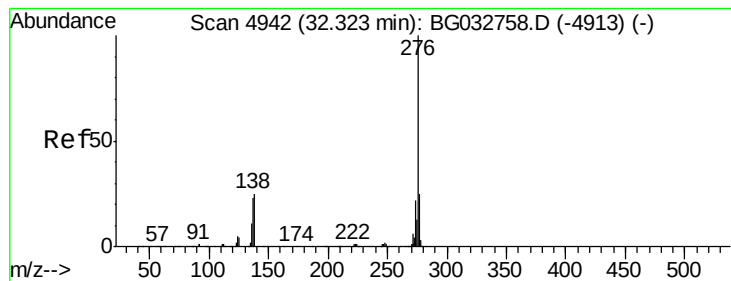


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.240 ng

RT: 32.24 min Scan# 4929

Delta R.T. 0.02 min

Lab File: BG033127.D

Acq: 13 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PB107310BS

Tot Ion:276 Resp: 539616

Ion Ratio Lower Upper

276 100

277 23.7 18.3 27.5

138 21.5 13.9 20.9#

