

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033825.D
 Acq On : 16 Apr 2018 20:37
 Operator : SJ/JU
 Sample : PB108262BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 17 04:04:56 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 11:44:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	29822	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	131919	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	107328	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	294018	20.00	ng	0.00
75) Chrysene-d12	22.55	240	312755	20.00	ng	0.00
86) Perylene-d12	26.32	264	339741	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.29	112	161516	101.56	ng	-0.01
7) Phenol-d6	7.99	99	272894	99.86	ng	0.00
23) Nitrobenzene-d5	10.06	82	281510	98.04	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	158770	98.91	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	730262	98.23	ng	0.00
78) Terphenyl-d14	20.72	244	1458386	99.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.91	88	33931	42.011	ng	# 88
3) Pyridine	4.38	79	75732	33.920	ng	99
4) n-Nitrosodimethylamine	4.31	42	31846	34.757	ng	# 76
6) Aniline	8.16	93	82676	25.727	ng	# 80
8) 2-Chlorophenol	8.41	128	105803	58.192	ng	91
9) Benzaldehyde	8.02	77	4171	2.402	ng	85
10) Phenol	8.01	94	131304	48.668	ng	88
11) bis(2-Chloroethyl)ether	8.24	93	106872	48.530	ng	87
12) 1,3-Dichlorobenzene	8.89	146	116220	48.892	ng	94
13) 1,4-Dichlorobenzene	8.89	146	116220	48.820	ng	94
14) 1,2-Dichlorobenzene	9.22	146	113208	48.724	ng	99
15) Benzyl Alcohol	9.10	79	78589	36.528	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.36	45	208886	58.186	ng	73
17) 2-Methylphenol	9.31	107	81336	44.254	ng	# 86
18) Hexachloroethane	9.96	117	49004	53.335	ng	95
19) n-Nitroso-di-n-propylamine	9.65	70	101123	50.501	ng	92
20) 3+4-Methylphenols	9.64	107	116546	44.537	ng	92
22) Acetophenone	9.70	105	167976	46.478	ng	# 91
24) Nitrobenzene	10.10	77	143104	46.563	ng	# 90
25) Isophorone	10.60	82	267415	47.986	ng	99
26) 2-Nitrophenol	10.83	139	59438	51.083	ng	# 79
27) 2,4-Dimethylphenol	10.86	122	85334	50.485	ng	96
28) bis(2-Chloroethoxy)methane	11.10	93	137627	49.497	ng	96
29) 2,4-Dichlorophenol	11.39	162	97618	46.961	ng	93
30) 1,2,4-Trichlorobenzene	11.59	180	130604	48.358	ng	99
31) Naphthalene	11.78	128	336910	49.284	ng	97
32) Benzoic acid	11.02	122	11045	7.029	ng	91
33) 4-Chloroaniline	11.91	127	10641	3.474	ng	# 93
34) Hexachlorobutadiene	12.04	225	99269	48.605	ng	99
35) Caprolactam	12.64	113	42332	51.981	ng	99
36) 4-Chloro-3-methylphenol	12.97	107	143006	52.746	ng	90
37) 2-Methylnaphthalene	13.34	142	242387	45.682	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	171207	44.038	ng	99
40) Hexachlorocyclopentadiene	13.65	237	187497	82.269	ng	90

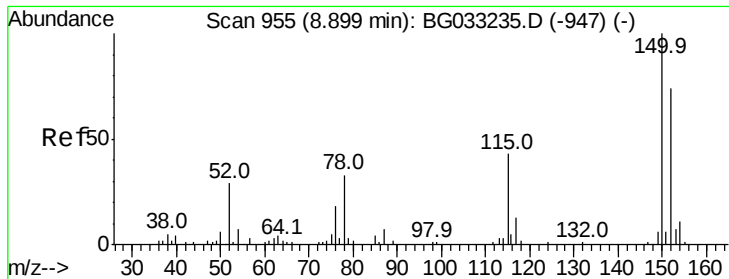
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033825.D
 Acq On : 16 Apr 2018 20:37
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	108620	48.088	ng	95
43) 2,4,5-Trichlorophenol	14.01	196	130472	48.868	ng	96
45) 1,1'-Biphenyl	14.31	154	390636	47.374	ng	97
46) 2-Chloronaphthalene	14.37	162	299348	47.083	ng	94
47) 2-Nitroaniline	14.58	65	120191	50.471	ng	97
48) Acenaphthylene	15.20	152	499570	47.074	ng	98
49) Dimethylphthalate	14.89	163	440912	47.205	ng	99
50) 2,6-Dinitrotoluene	15.03	165	97243	50.916	ng	98
51) Acenaphthene	15.53	154	281474	41.144	ng	97
52) 3-Nitroaniline	15.40	138	47095	23.520	ng	# 97
53) 2,4-Dinitrophenol	15.58	184	75028	76.255	ng	# 85
54) Dibenzofuran	15.87	168	497426	49.224	ng	# 90
55) 4-Nitrophenol	15.69	139	133453	94.784	ng	# 78
56) 2,4-Dinitrotoluene	15.82	165	141967	50.485	ng	97
57) Fluorene	16.51	166	402410	46.743	ng	99
58) 2,3,4,6-Tetrachlorophenol	16.09	232	137580	54.737	ng	# 98
59) Diethylphthalate	16.23	149	459676	50.682	ng	99
60) 4-Chlorophenyl-phenylether	16.48	204	242086	48.917	ng	96
61) 4-Nitroaniline	16.56	138	69332	34.193	ng	87
62) Azobenzene	16.77	77	464282	52.844	ng	96
64) 4,6-Dinitro-2-methylphenol	16.57	198	84924	48.283	ng	94
65) n-Nitrosodiphenylamine	16.70	169	408542	48.672	ng	91
66) 4-Bromophenyl-phenylether	17.37	248	162242	46.986	ng	# 91
67) Hexachlorobenzene	17.50	284	167199	45.881	ng	96
68) Atrazine	17.61	200	181350	53.317	ng	94
69) Pentachlorophenol	17.84	266	205268	82.069	ng	97
70) Phenanthrene	18.24	178	687492	44.898	ng	99
71) Anthracene	18.34	178	705104	45.478	ng	98
72) Carbazole	18.60	167	701989	51.095	ng	97
73) Di-n-butylphthalate	19.08	149	840414	52.554	ng	# 98
74) Fluoranthene	20.20	202	914109	48.241	ng	97
76) Benzidine	20.37	184	301072	35.498	ng	98
77) Pyrene	20.56	202	944484	45.279	ng	98
79) Butylbenzylphthalate	21.41	149	381548	49.568	ng	98
80) Benzo(a)anthracene	22.53	228	889360	44.658	ng	99
81) 3,3'-Dichlorobenzidine	22.42	252	177507	25.048	ng	# 97
82) Chrysene	22.61	228	873202	45.296	ng	99
83) Bis(2-ethylhexyl)phthalate	22.34	149	529734	49.923	ng	99
84) Di-n-octyl phthalate	23.74	149	902048	55.522	ng	99
85) Indeno(1,2,3-cd)pyrene	30.70	276	1002352	48.091	ng	# 88
87) Benzo(b)fluoranthene	25.10	252	862413	43.937	ng	# 97
88) Benzo(k)fluoranthene	25.18	252	872346	43.943	ng	# 98
89) Benzo(a)pyrene	26.14	252	863057	45.786	ng	98
90) Dibenzo(a,h)anthracene	30.77	278	833171	46.924	ng	# 95
91) Benzo(g,h,i)perylene	32.07	276	826481	47.006	ng	# 93

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

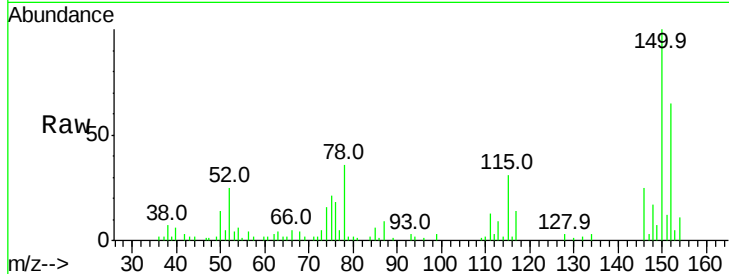


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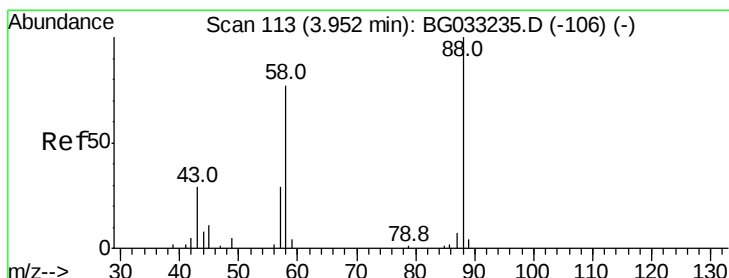
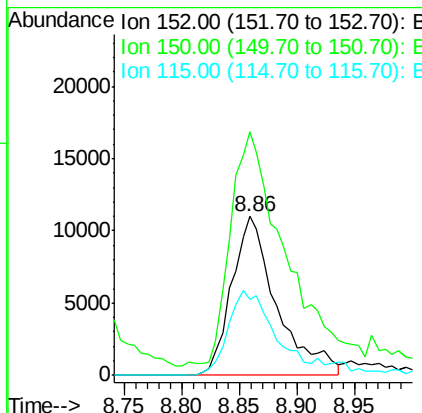
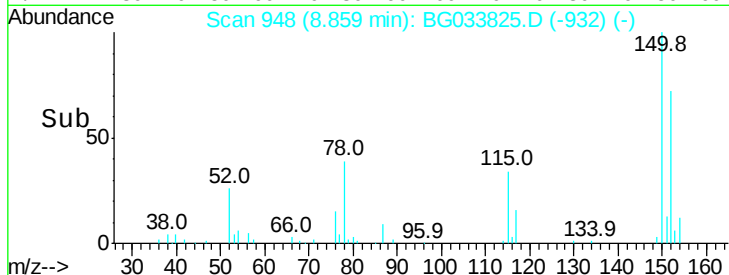
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 29822
Ion Ratio Lower Upper
152 100
150 153.3 126.6 189.8
115 47.8 53.0 79.4#



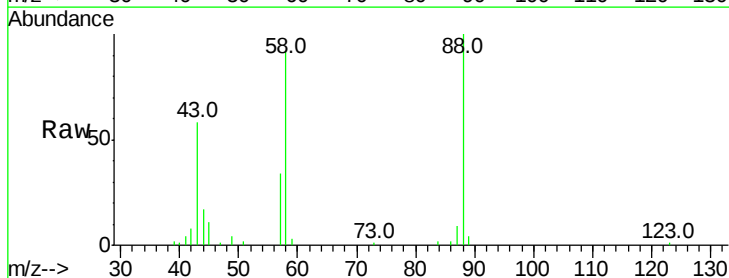
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



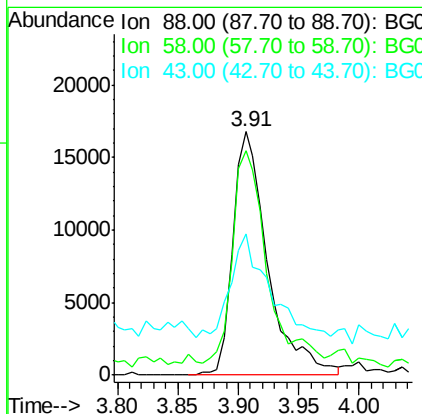
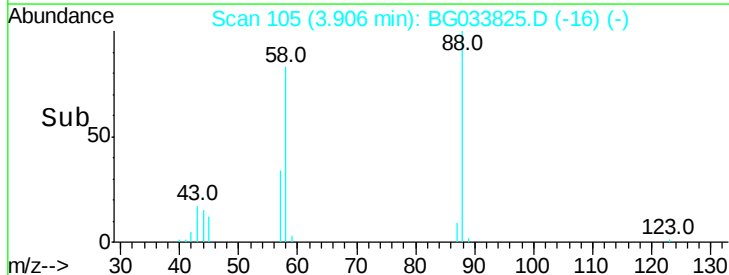
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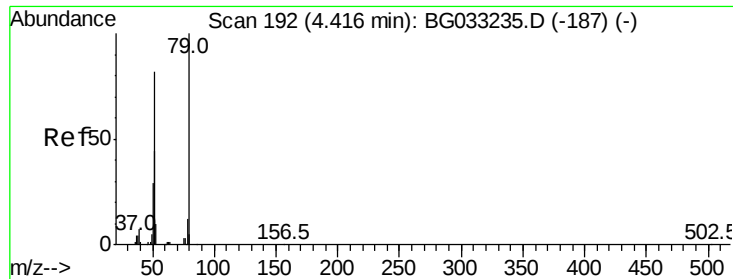
1,4-Dioxane
Concen: 42.011 ng
RT: 3.91 min Scan# 105
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion: 88 Resp: 33931
Ion Ratio Lower Upper
88 100
58 89.7 79.6 119.4
43 44.2 27.4 41.0#



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





#3

Pvridine

Concen: 33.920 ng

RT: 4.38 min Scan# 185

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

ClientSampleId :

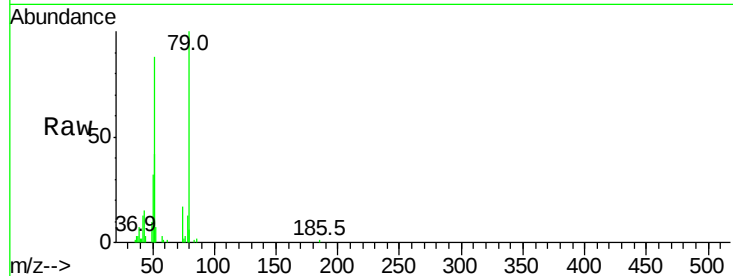
Tot Ion: 79 Resp: 75732

Ion Ratio Lower Upper

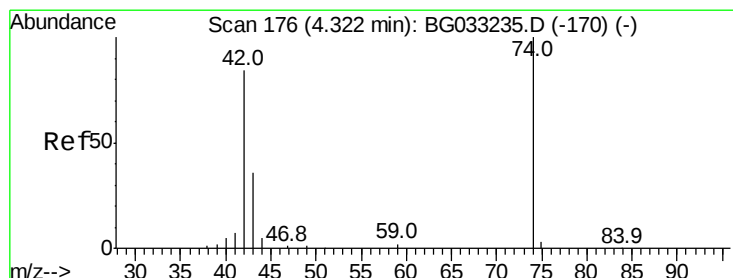
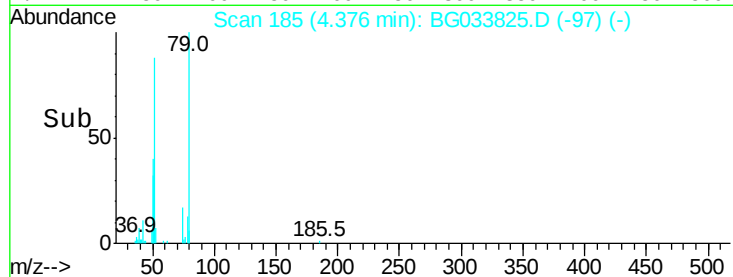
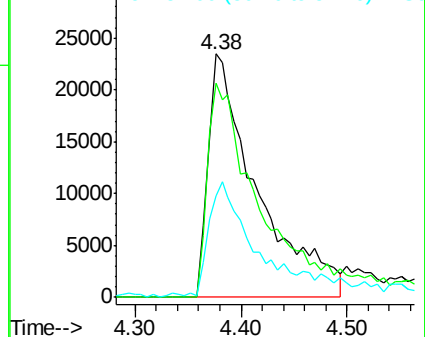
79 100

52 87.7 69.9 104.9

51 42.0 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: 34.757 ng

RT: 4.31 min Scan# 174

Delta R.T. -0.02 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

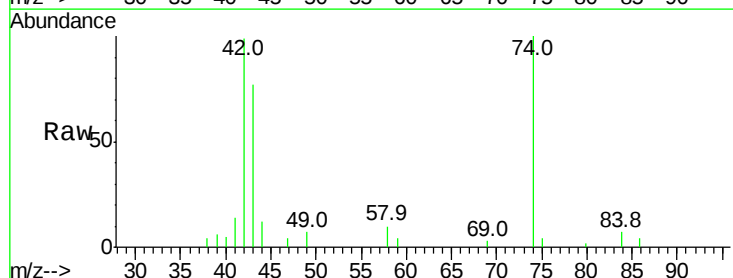
Tgt Ion: 42 Resp: 31846

Ion Ratio Lower Upper

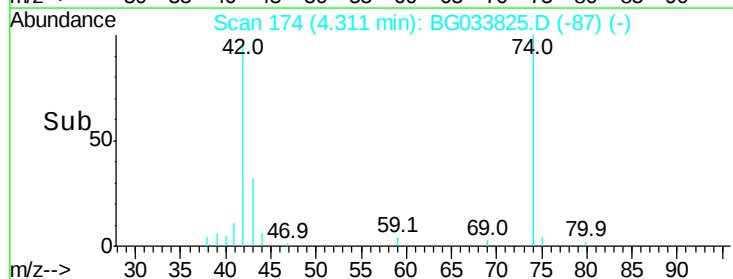
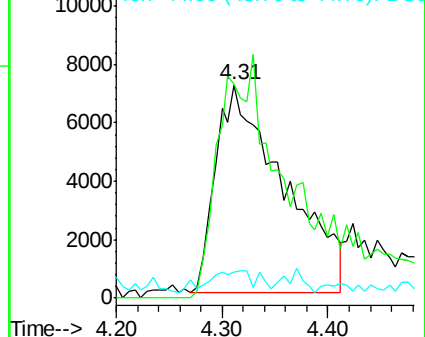
42 100

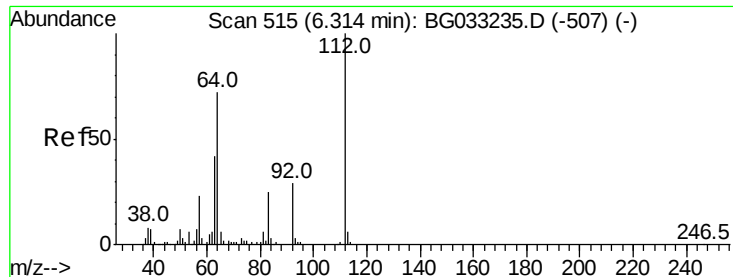
74 100.6 102.5 153.7#

44 12.4 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 101.557 ng

RT: 6.29 min Scan# 510

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

ClientSampleId :

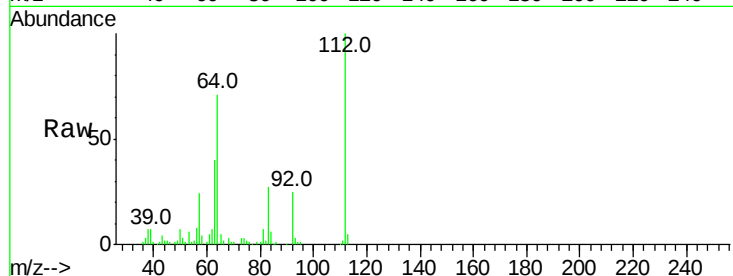
Tot Ion:112 Resp: 161516

Ion Ratio Lower Upper

112 100

64 71.4 56.3 84.5

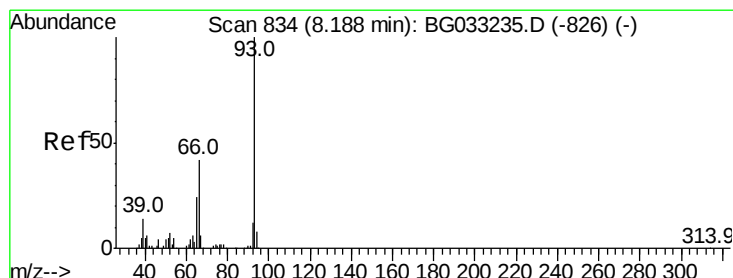
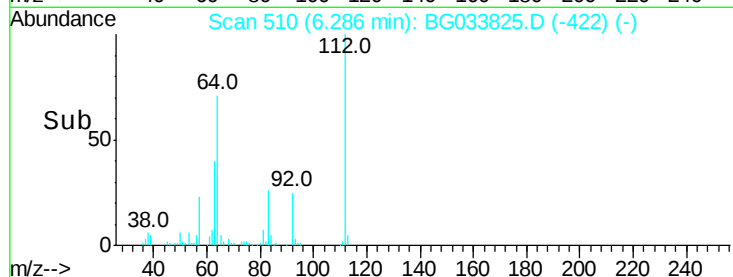
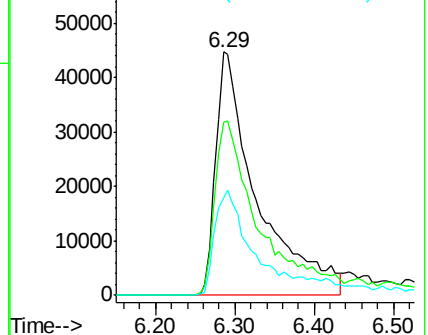
63 39.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 25.727 ng

RT: 8.16 min Scan# 829

Delta R.T. 0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

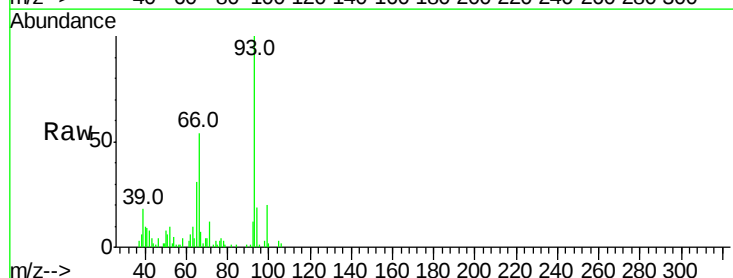
Tgt Ion: 93 Resp: 82676

Ion Ratio Lower Upper

93 100

66 53.8 33.7 50.5#

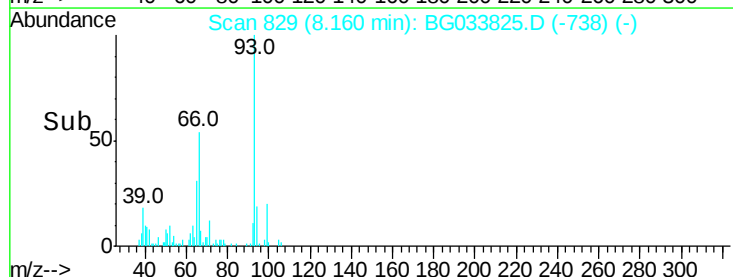
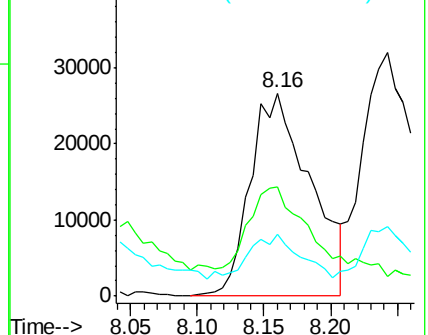
65 30.6 16.1 24.1#

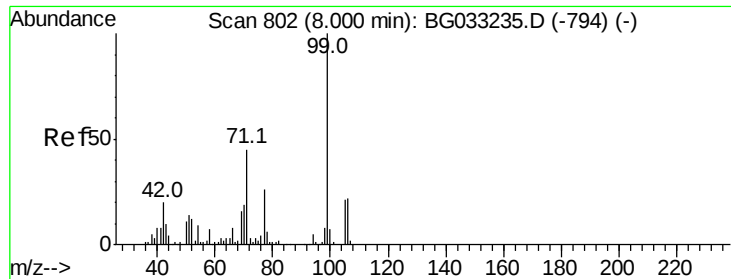


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 99.865 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.00 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

ClientSampleId :

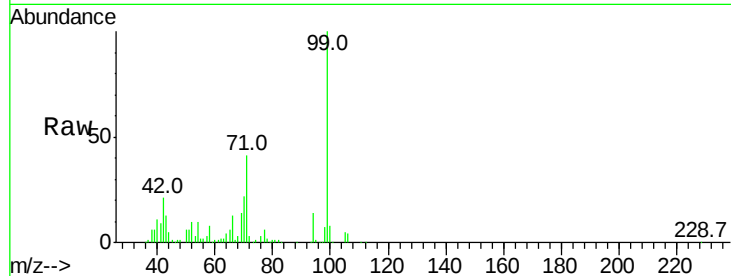
Tot Ion: 99 Resp: 272894

Ion Ratio Lower Upper

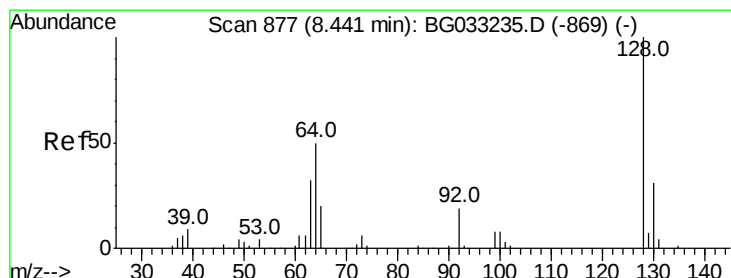
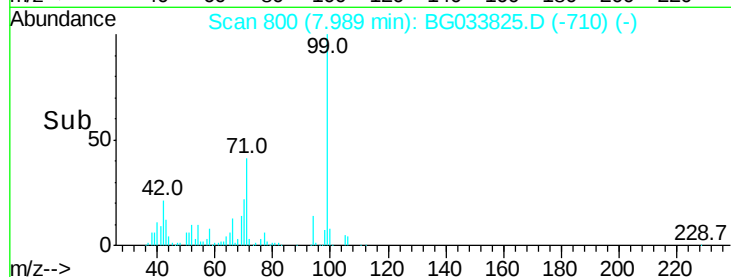
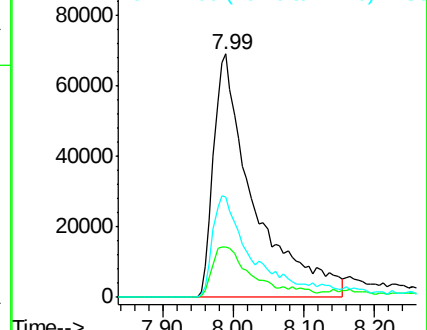
99 100

42 20.6 14.1 21.1

71 41.4 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: 58.192 ng

RT: 8.41 min Scan# 871

Delta R.T. 0.00 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

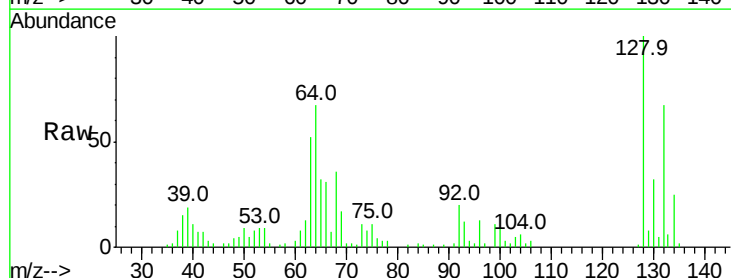
Tgt Ion:128 Resp: 105803

Ion Ratio Lower Upper

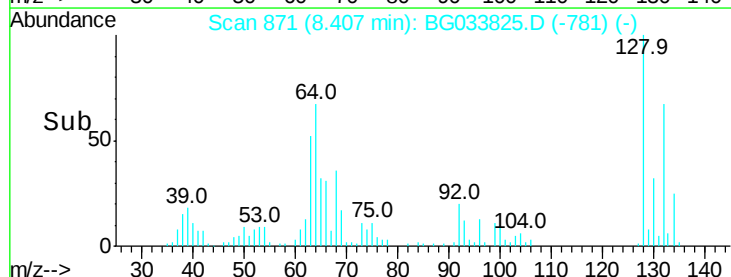
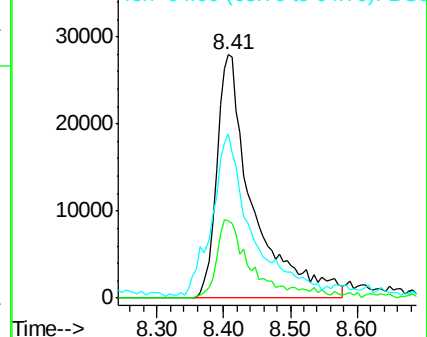
128 100

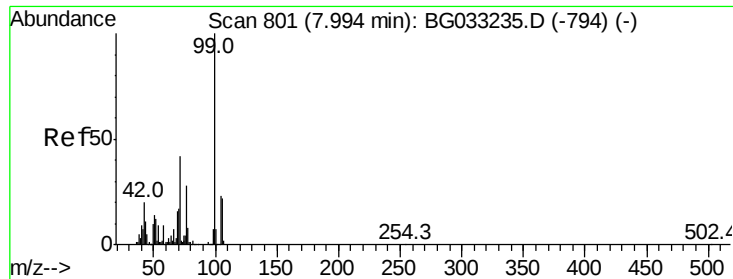
130 31.9 14.0 54.0

64 67.2 37.7 77.7



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





#9

Benzaldehyd

Concen: 2.402 ng

RT: 8.02 min Scan# 806

Delta R.T. 0.05 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

ClientSampled :

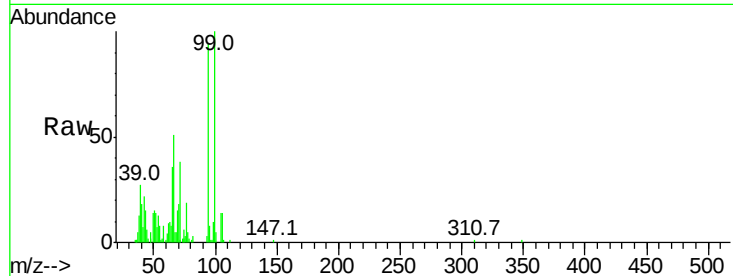
Tot Ion: 77 Resp: 4171

Ion Ratio Lower Upper

77 100

105 75.0 71.3 111.3

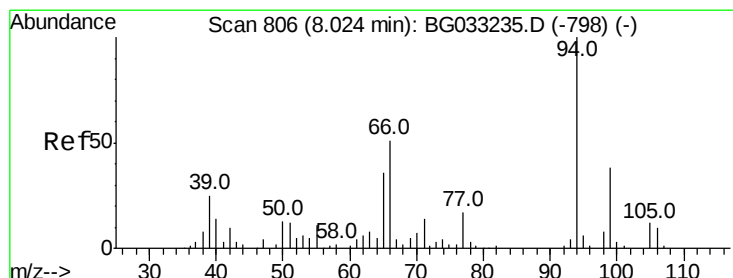
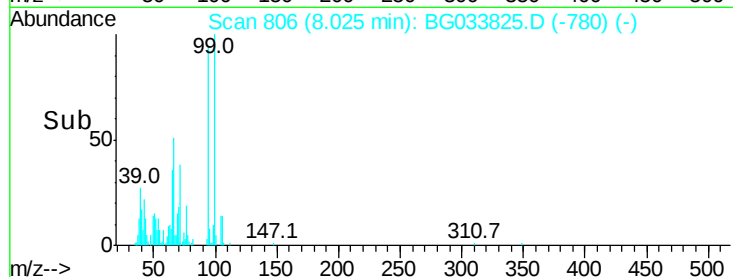
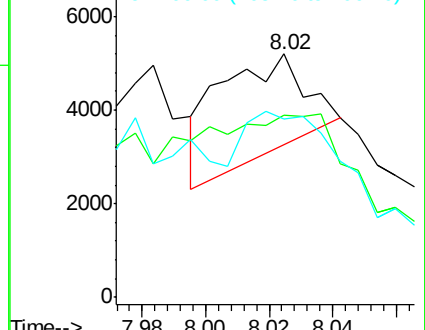
106 73.2 64.2 104.2



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: 48.668 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

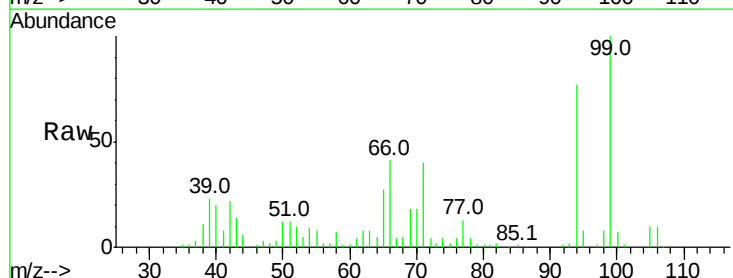
Tgt Ion: 94 Resp: 131304

Ion Ratio Lower Upper

94 100

65 34.8 11.9 51.9

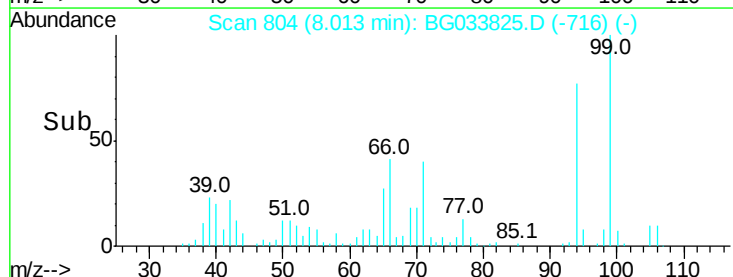
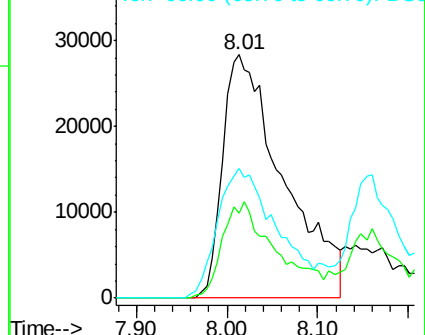
66 53.5 22.2 62.2

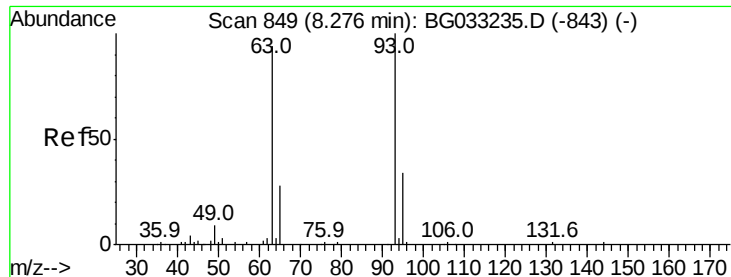


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

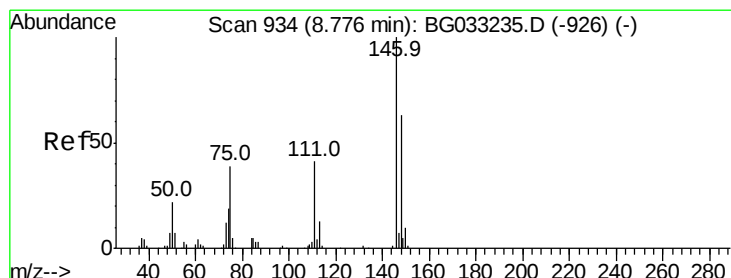
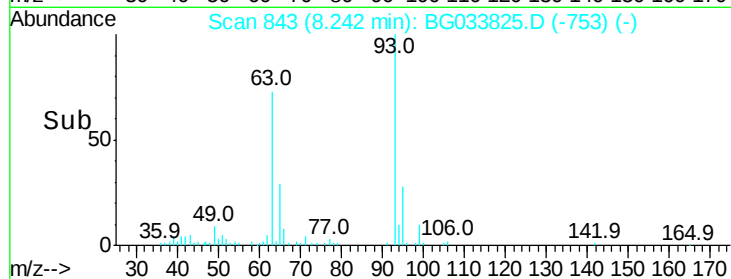
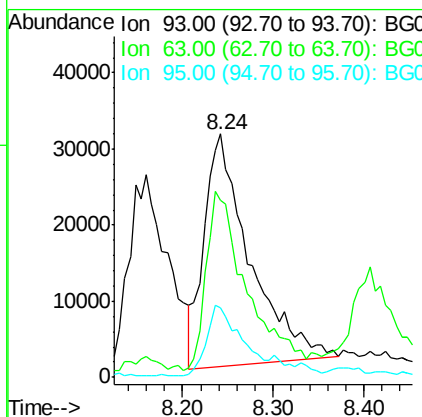
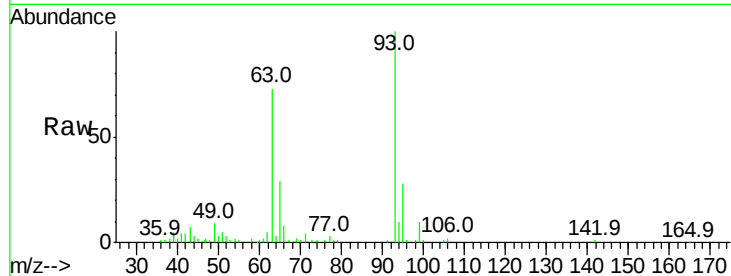




#11
bis(2-Chloroethyl)ether
Concen: 48.530 ng
RT: 8.24 min Scan# 843
Delta R.T. 0.00 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

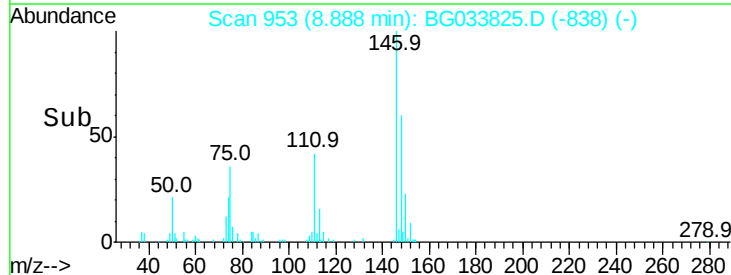
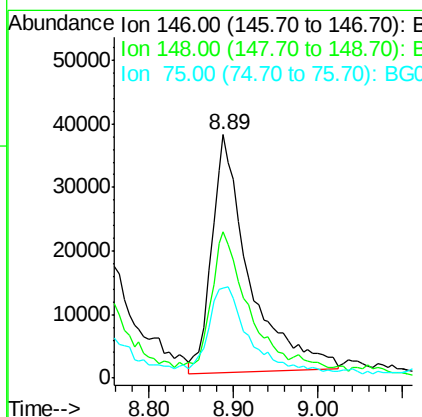
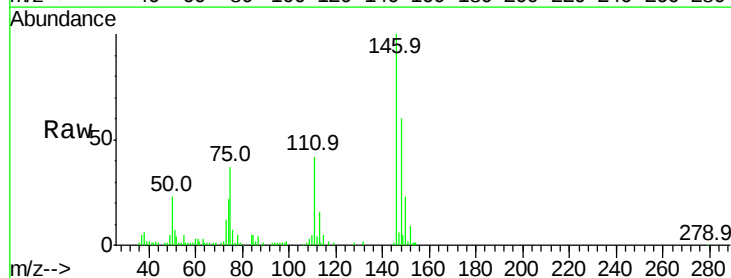
Instrument :
BNA_G
ClientSampleId :

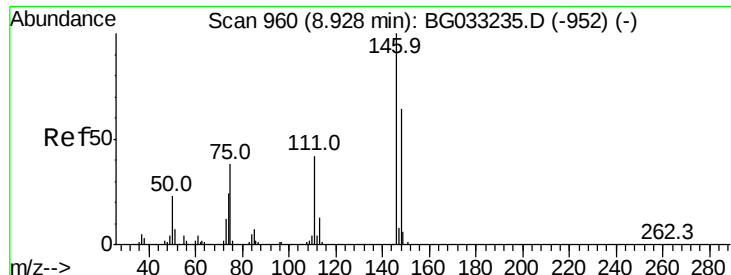
Tot Ion: 93 Resp: 106872
Ion Ratio Lower Upper
93 100
63 72.8 67.1 107.1
95 28.3 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 48.892 ng
RT: 8.89 min Scan# 953
Delta R.T. 0.15 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion: 146 Resp: 116220
Ion Ratio Lower Upper
146 100
148 60.2 51.4 77.2
75 36.8 26.6 39.8

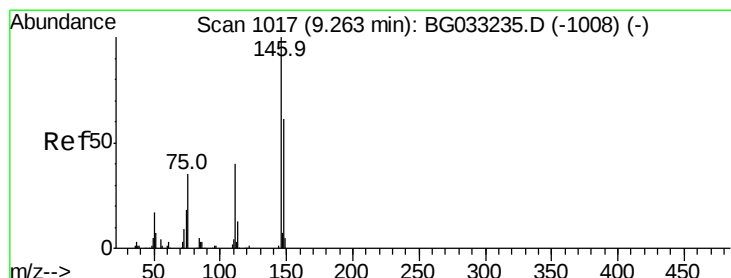
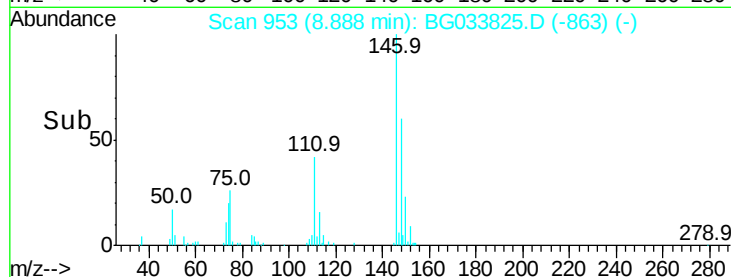
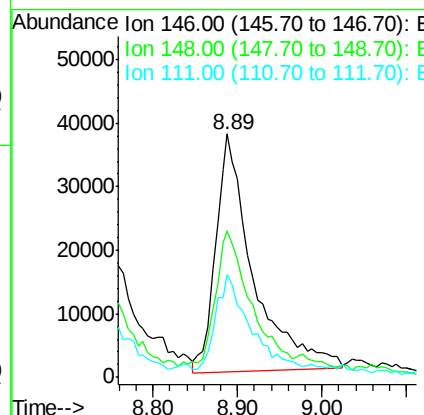
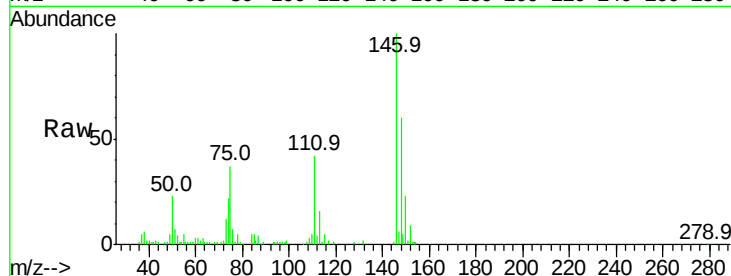




#13
 1,4-Dichlorobenzene
 Concen: 48.820 ng
 RT: 8.89 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

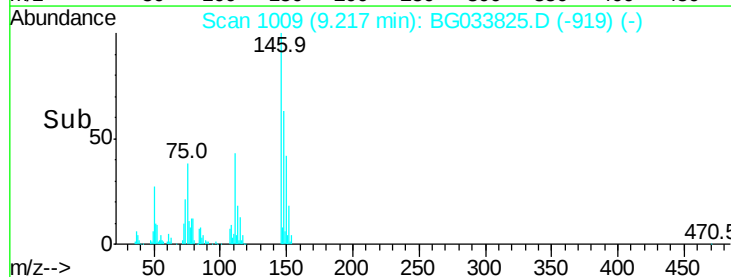
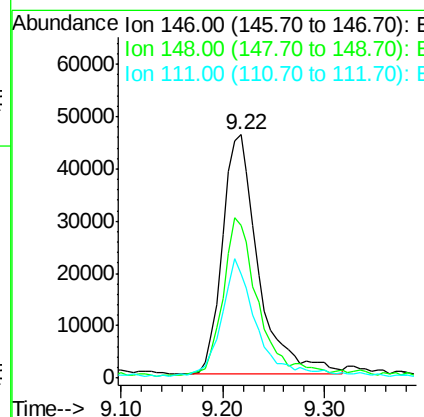
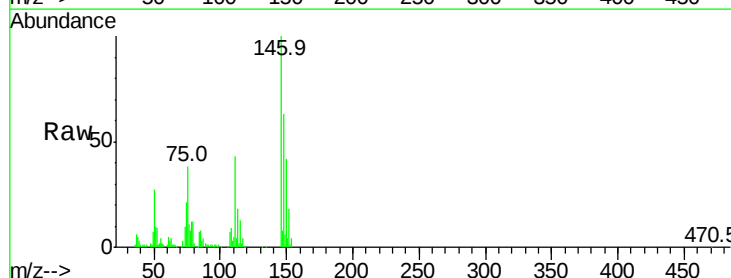
Instrument :
 BNA_G
 ClientSampleId :

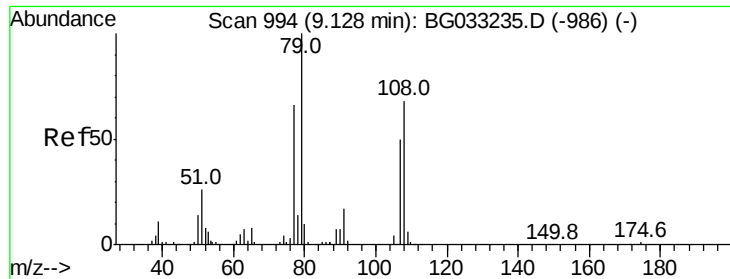
Tot Ion:146 Resp: 116220
 Ion Ratio Lower Upper
 146 100
 148 60.2 53.7 80.5
 111 42.2 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 48.724 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Tgt Ion:146 Resp: 113208
 Ion Ratio Lower Upper
 146 100
 148 62.6 49.3 73.9
 111 42.7 34.3 51.5





#15

Benzyl Alcohol

Concen: 36.528 ng

RT: 9.10 min Scan# 989

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

ClientSampleId :

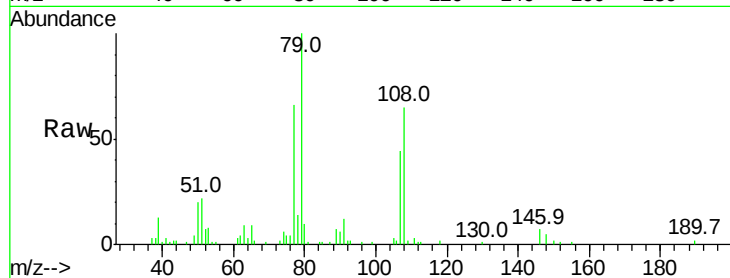
Tot Ion: 79 Resp: 78589

Ion Ratio Lower Upper

79 100

108 64.5 57.2 85.8

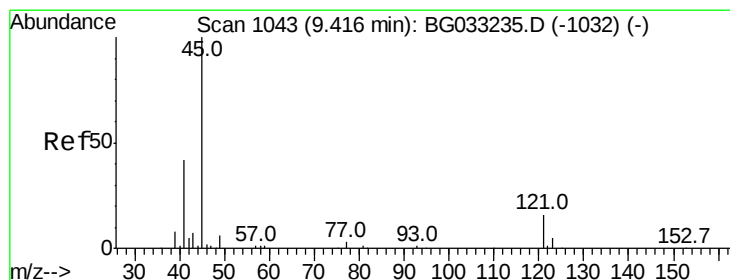
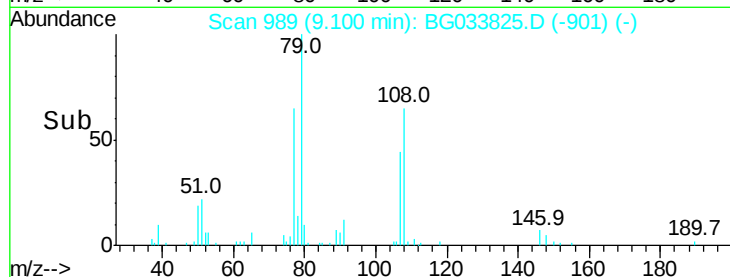
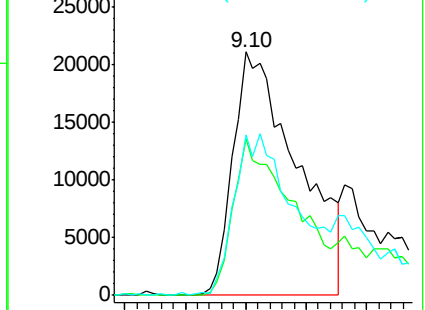
77 65.6 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 58.186 ng

RT: 9.36 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

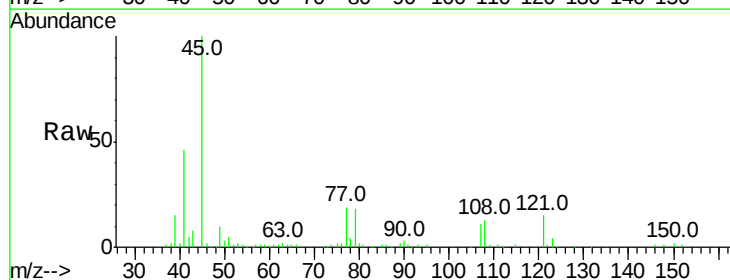
Tgt Ion: 45 Resp: 208886

Ion Ratio Lower Upper

45 100

77 19.1 0.0 30.2

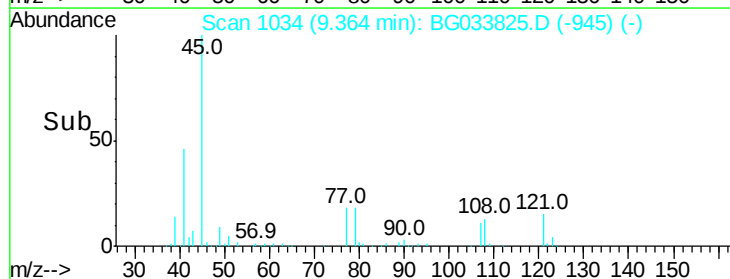
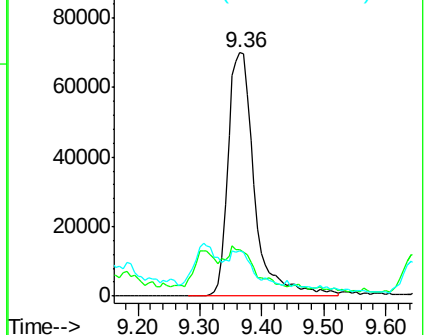
79 18.4 0.0 27.9

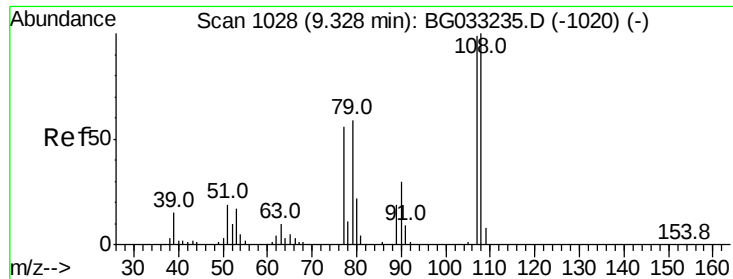


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

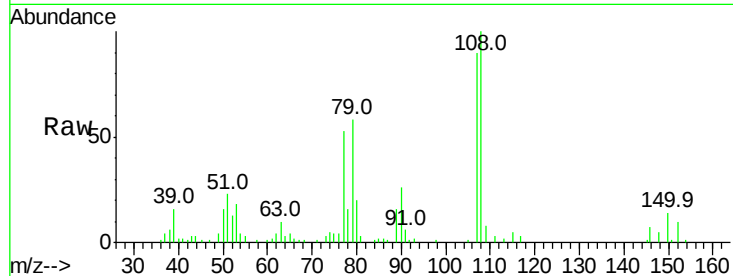




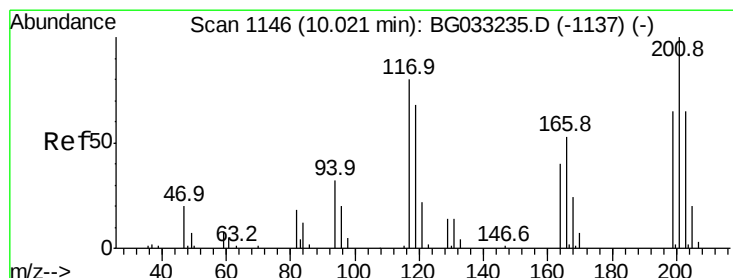
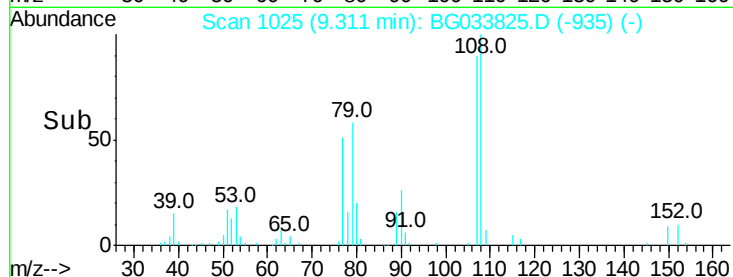
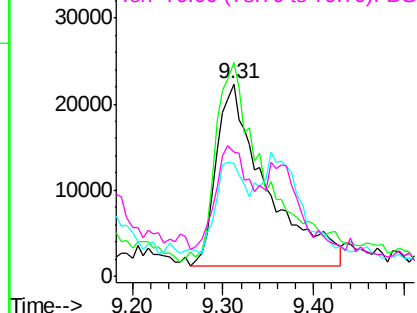
#17
2-Methylphenol
Concen: 44.254 ng
RT: 9.31 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 81336
Ion Ratio Lower Upper
107 100
108 111.0 83.9 125.9
77 58.5 37.2 55.8#
79 64.4 36.2 54.2#

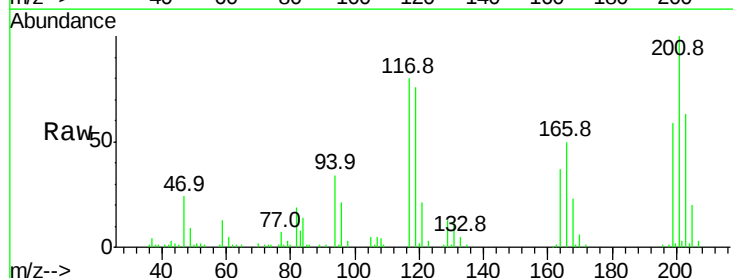


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

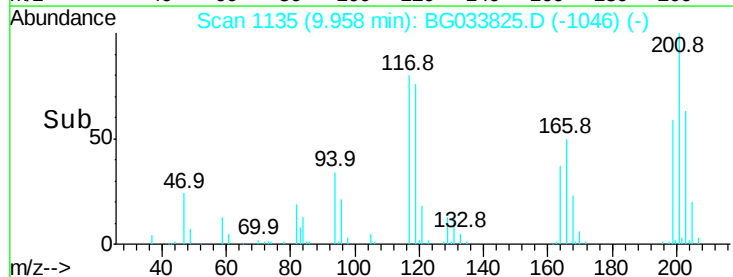
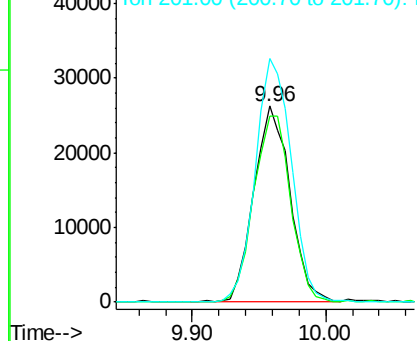


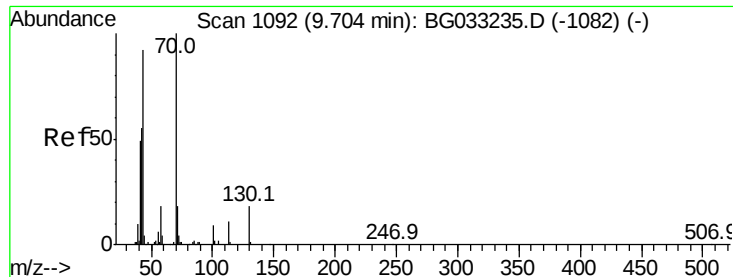
#18
Hexachloroethane
Concen: 53.335 ng
RT: 9.96 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion:117 Resp: 49004
Ion Ratio Lower Upper
117 100
119 94.8 76.7 115.1
201 128.4 95.7 143.5



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

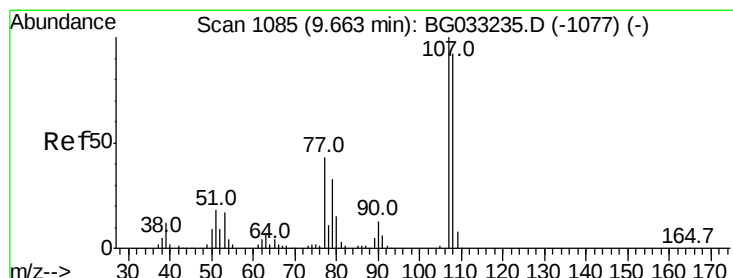
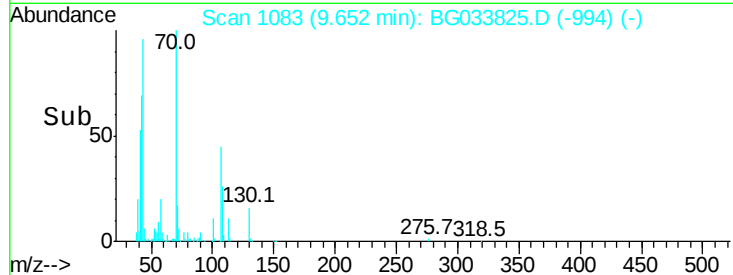
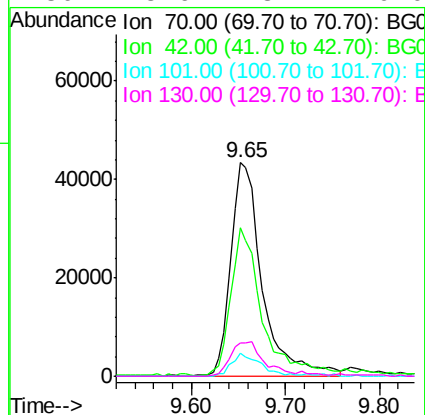
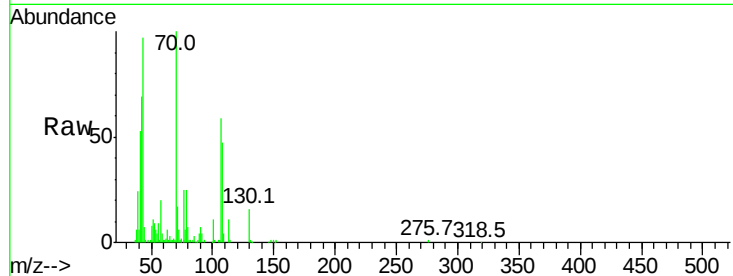




#19
n-Nitroso-di-n-propylamine
Concen: 50.501 ng
RT: 9.65 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

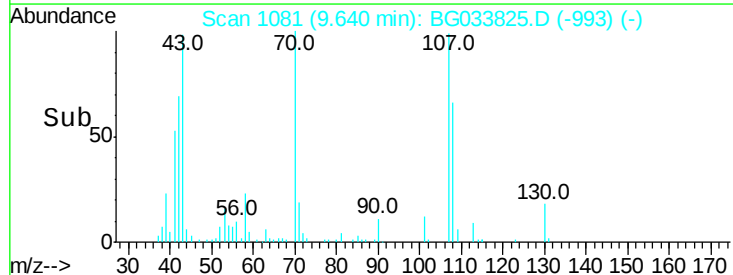
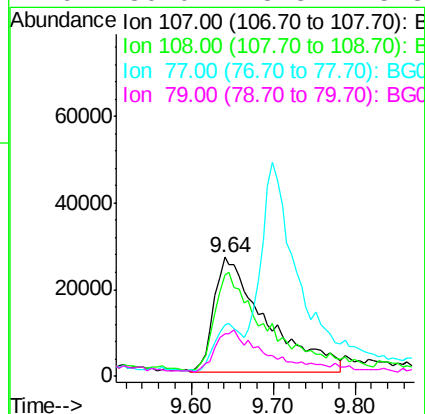
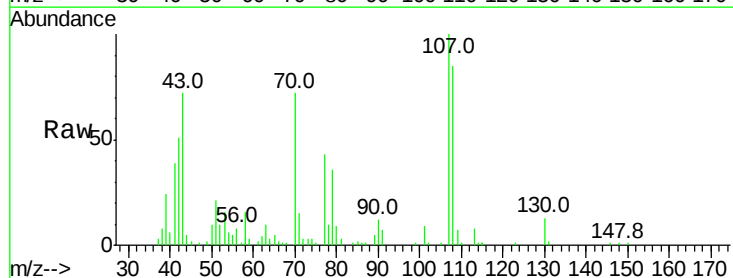
Instrument :
BNA_G
ClientSampleId :

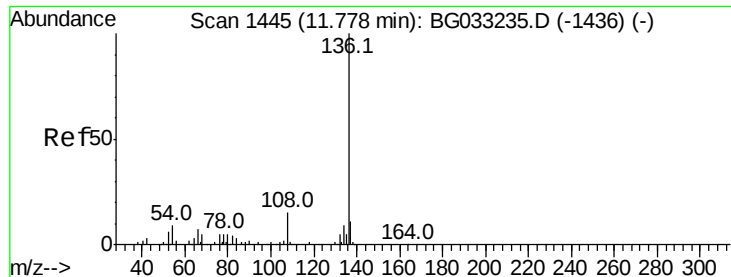
Tot Ion:	70	Resp:	101123
Ion	Ratio	Lower	Upper
70	100		
42	69.3	49.1	73.7
101	10.7	8.5	12.7
130	15.6	13.4	20.0



#20
3+4-Methylphenols
Concen: 44.537 ng
RT: 9.64 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion:	107	Resp:	116546
Ion	Ratio	Lower	Upper
107	100		
108	84.6	61.6	101.6
77	43.3	13.9	53.9
79	36.0	8.8	48.8

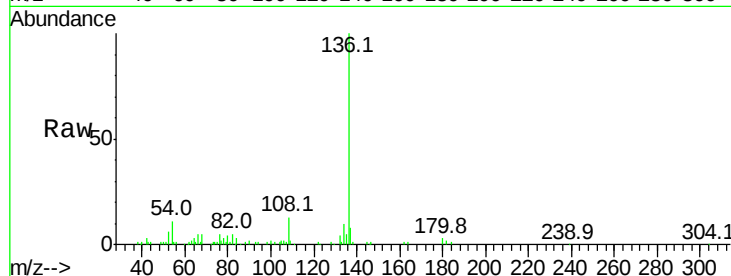




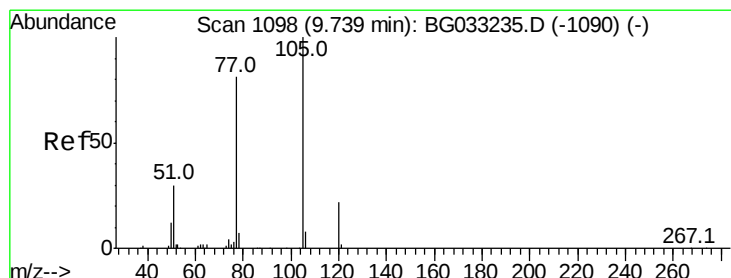
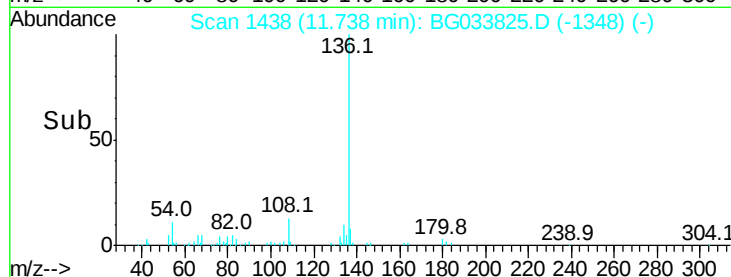
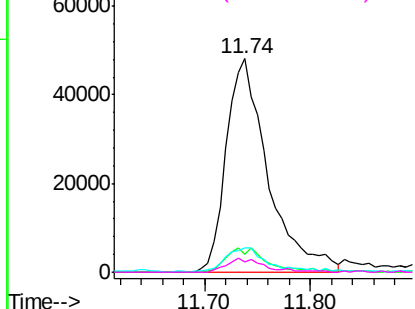
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	131919
Ion	Ratio	Lower Upper
136	100	
137	8.5	9.2 13.8#
54	11.4	10.3 15.5
68	4.9	4.5 6.7

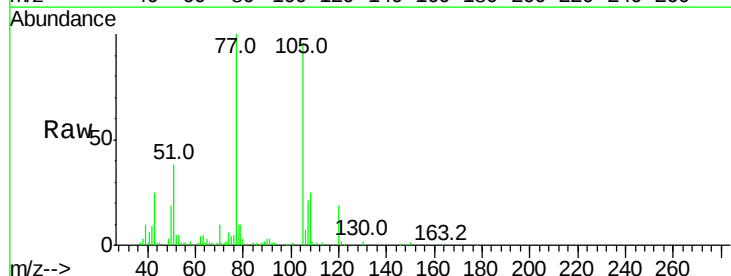


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

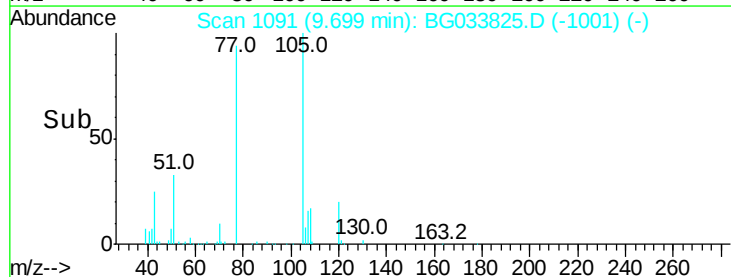
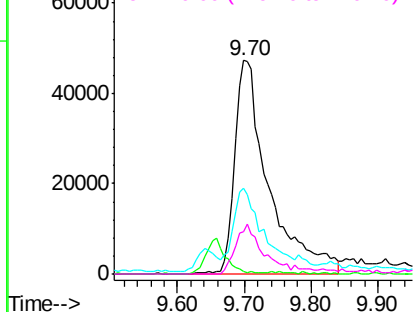


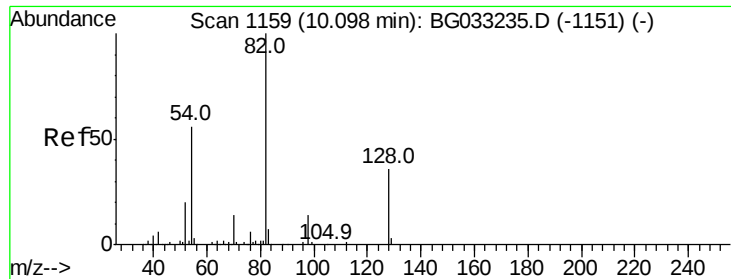
#22
Acetophenone
Concen: 46.478 ng
RT: 9.70 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion:105	Resp:	167976
Ion	Ratio	Lower Upper
105	100	
71	1.4	3.0 4.4#
51	39.9	26.1 39.1#
120	19.7	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

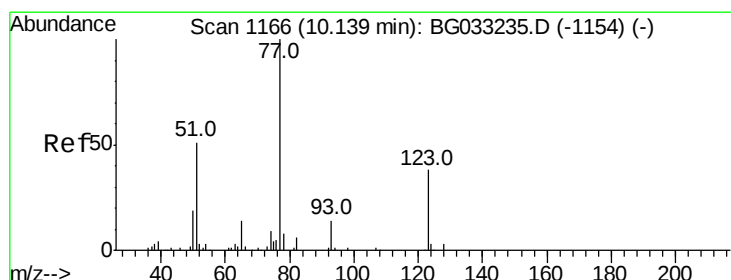
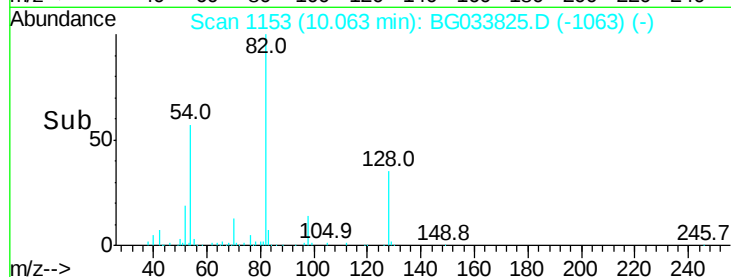
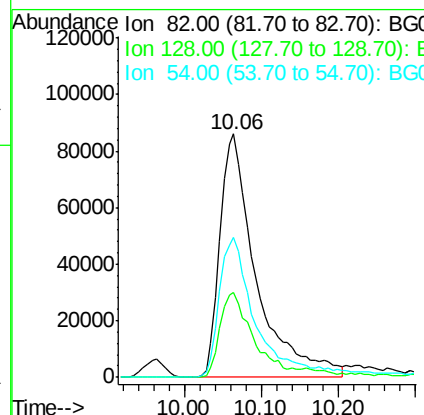
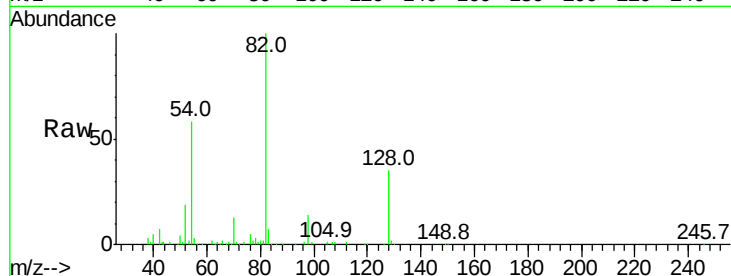




#23
Nitrobenzene-d5
Concen: 98.043 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

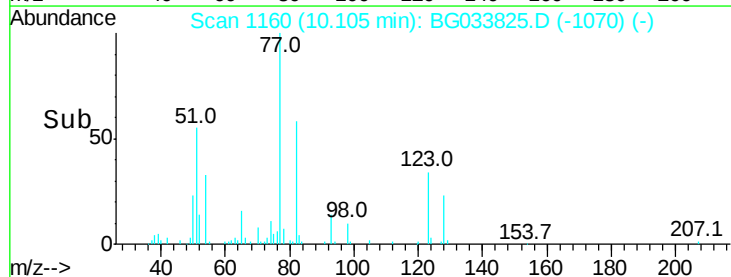
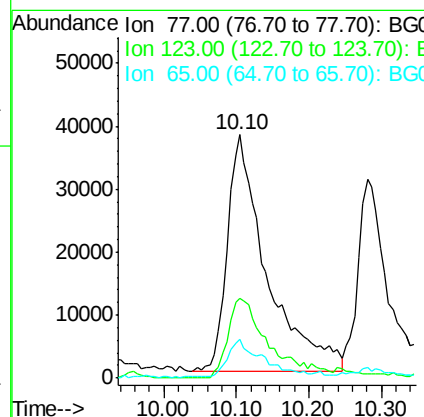
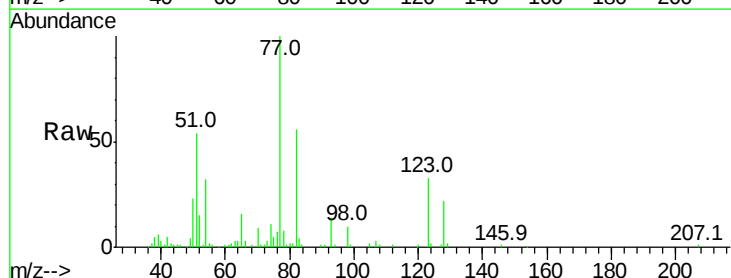
Instrument :
BNA_G
ClientSampleId :

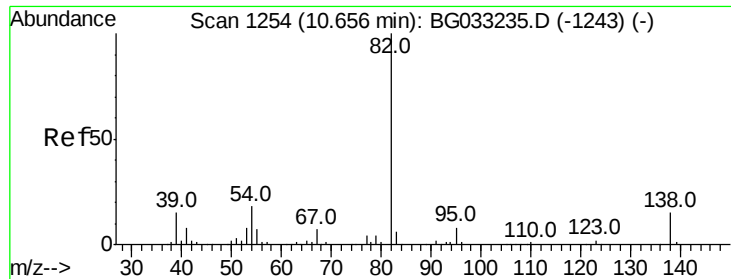
Tot Ion: 82 Resp: 281510
Ion Ratio Lower Upper
82 100
128 34.7 29.7 44.5
54 57.5 43.1 64.7



#24
Nitrobenzene
Concen: 46.563 ng
RT: 10.10 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion: 77 Resp: 143104
Ion Ratio Lower Upper
77 100
123 32.6 33.0 49.6#
65 16.0 13.0 19.6





#25

Isophorone

Concen: 47.986 ng

RT: 10.60 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

ClientSampleId :

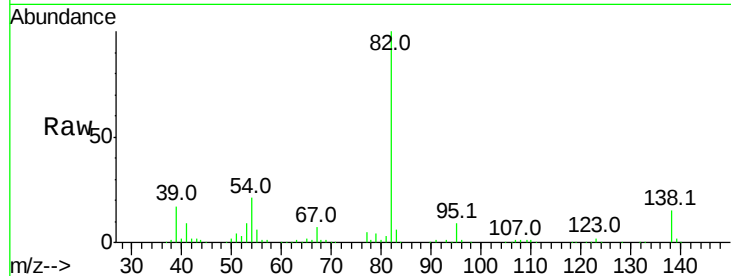
Tot Ion: 82 Resp: 267415

Ion Ratio Lower Upper

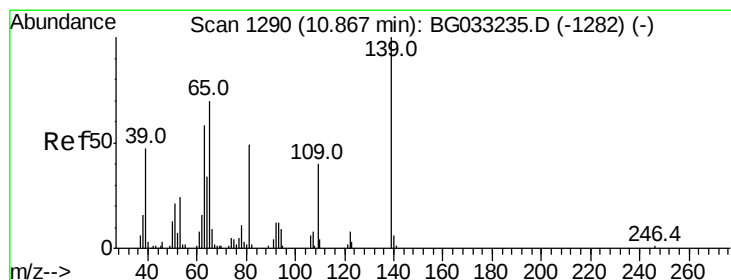
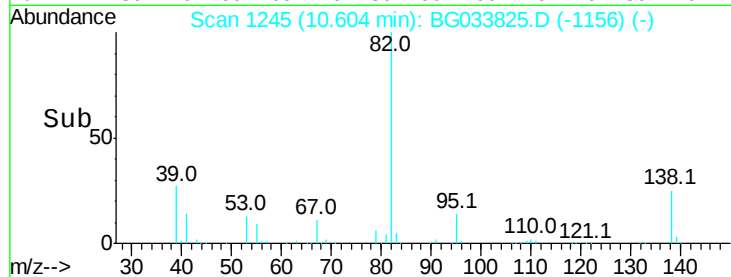
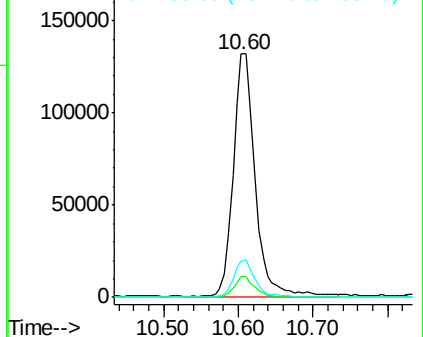
82 100

95 8.6 6.2 9.2

138 15.1 12.1 18.1



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



#26

2-Nitrophenol

Concen: 51.083 ng

RT: 10.83 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

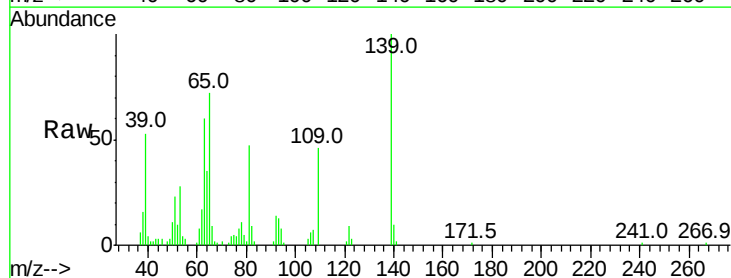
Tgt Ion:139 Resp: 59438

Ion Ratio Lower Upper

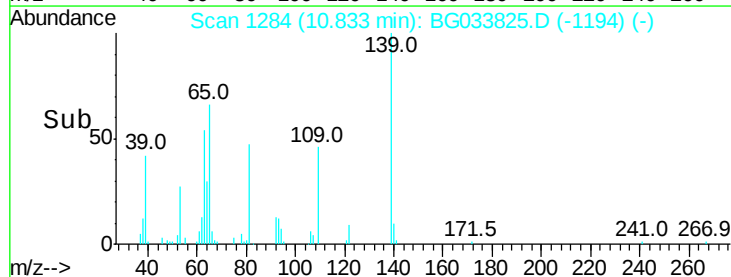
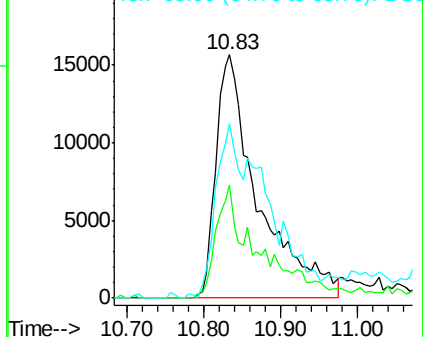
139 100

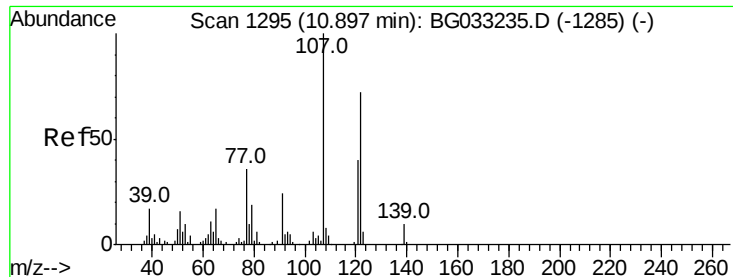
109 46.4 24.2 36.2#

65 71.8 47.4 71.0#



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

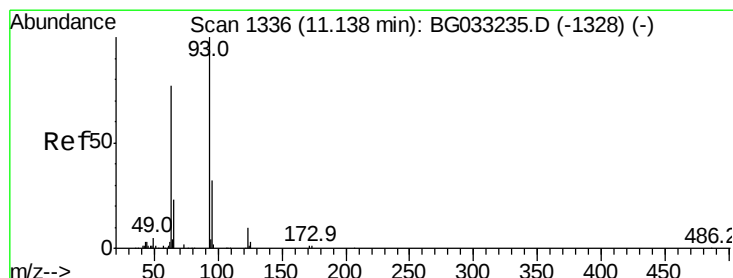
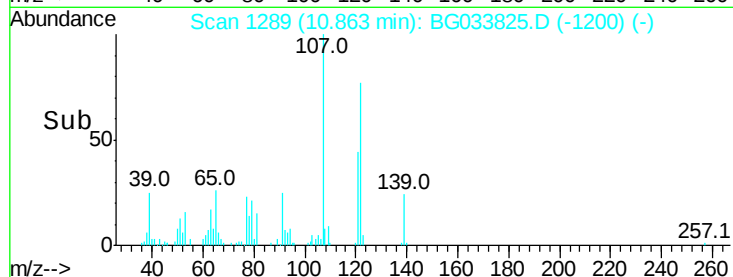
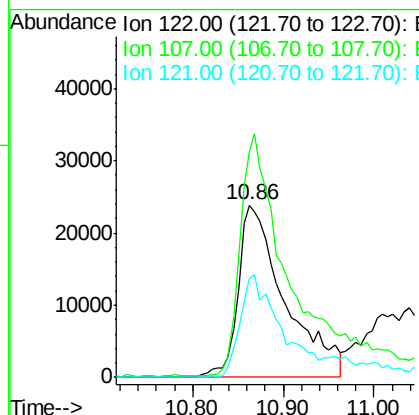
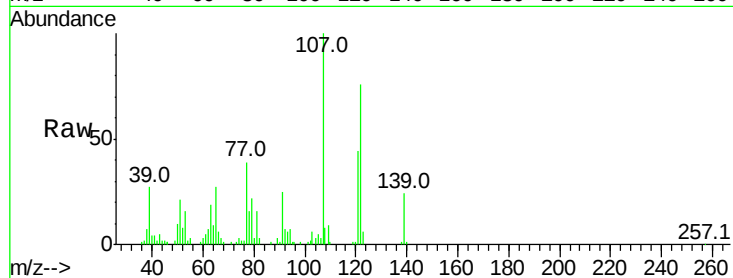




#27
 2,4-Dimethylphenol
 Concen: 50.485 ng
 RT: 10.86 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

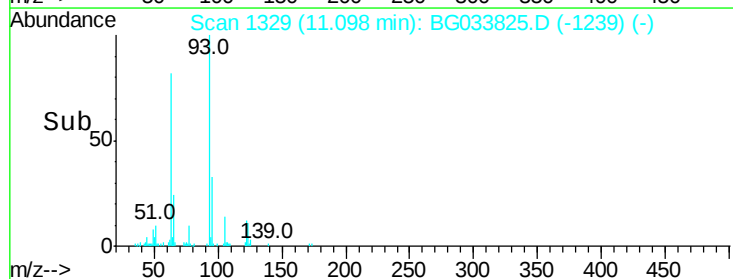
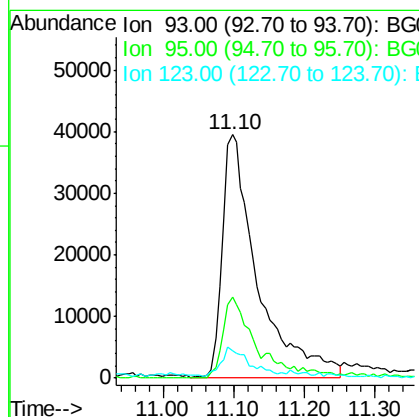
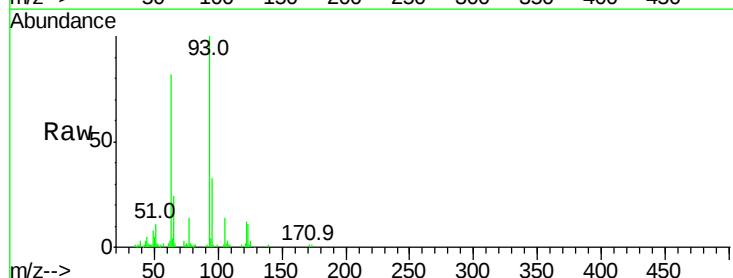
Instrument :
 BNA_G
 ClientSampled :

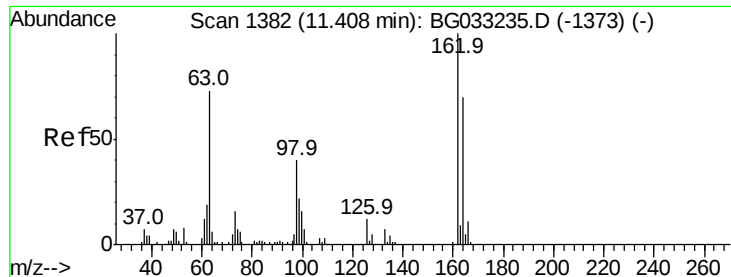
Tot Ion:122 Resp: 85334
 Ion Ratio Lower Upper
 122 100
 107 131.1 100.2 150.2
 121 57.2 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.497 ng
 RT: 11.10 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Tgt Ion: 93 Resp: 137627
 Ion Ratio Lower Upper
 93 100
 95 33.4 24.3 36.5
 123 11.1 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 46.961 ng

RT: 11.39 min Scan# 1378

Delta R.T. 0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

ClientSampleId :

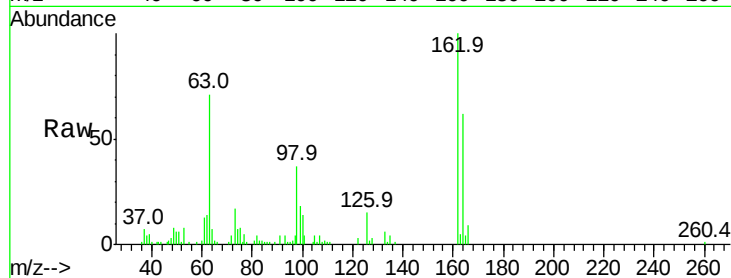
Tot Ion:162 Resp: 97618

Ion Ratio Lower Upper

162 100

164 62.3 48.0 88.0

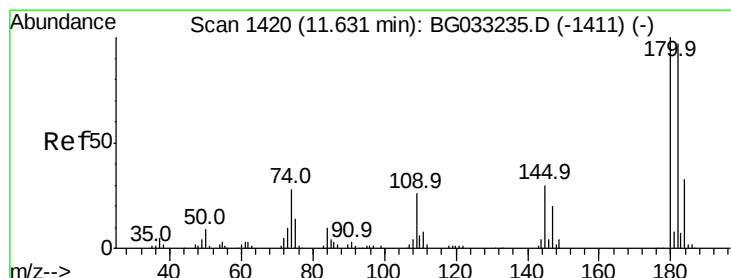
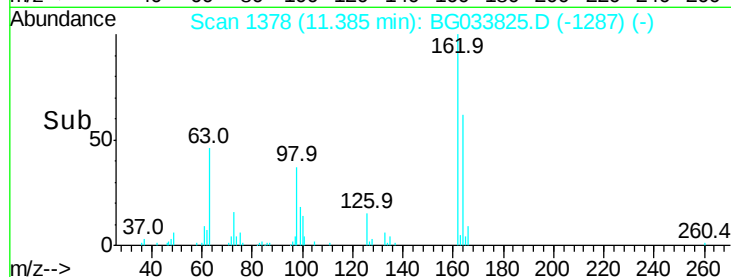
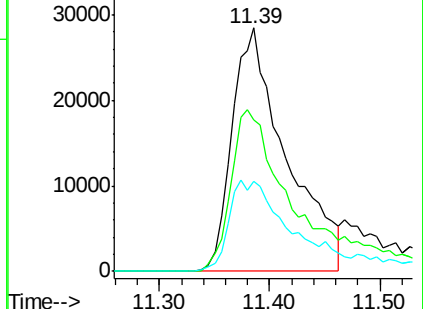
98 36.8 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 48.358 ng

RT: 11.59 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

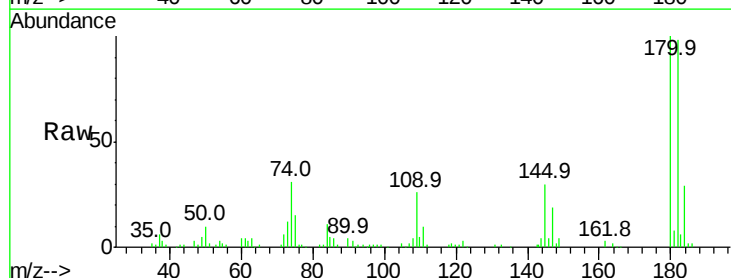
Tgt Ion:180 Resp: 130604

Ion Ratio Lower Upper

180 100

182 98.2 77.5 116.3

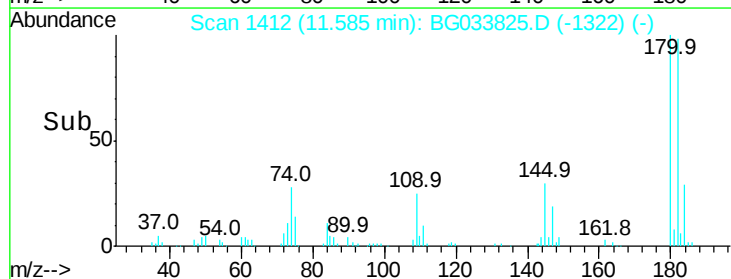
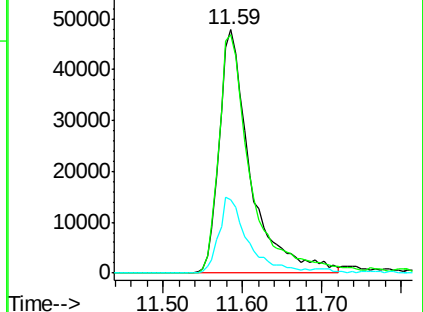
145 30.0 23.4 35.2

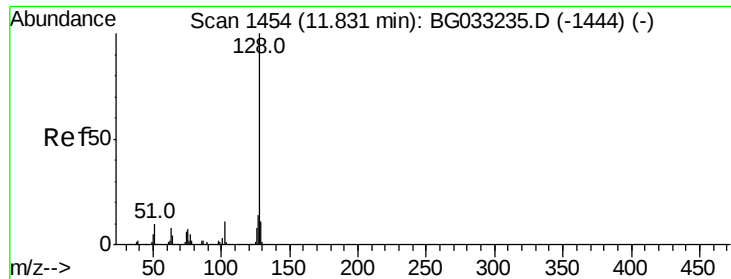


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

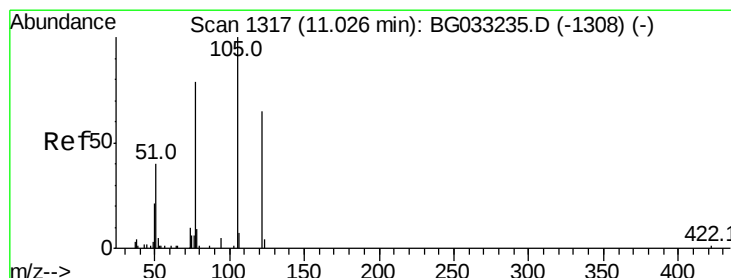
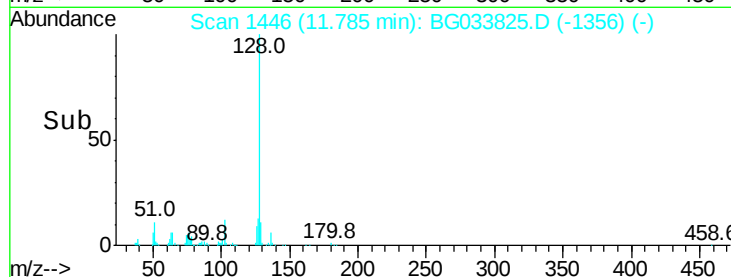
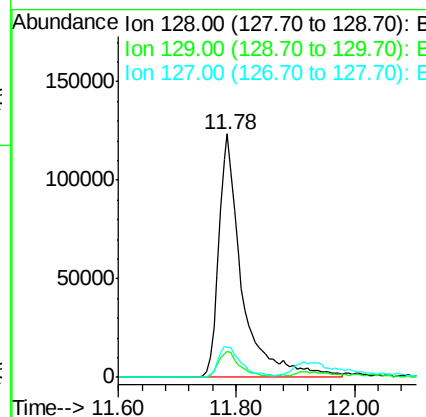
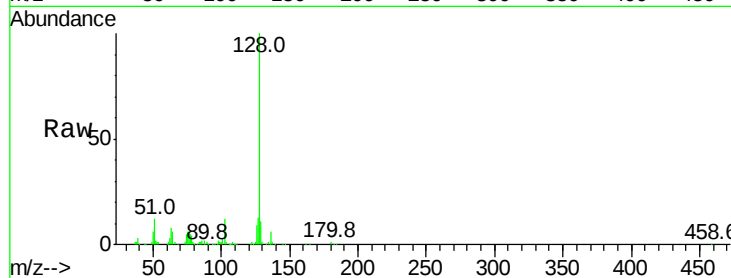




#31
Naphthalene
Concen: 49.284 ng
RT: 11.78 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

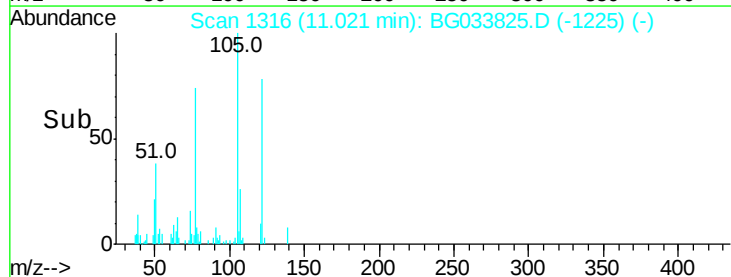
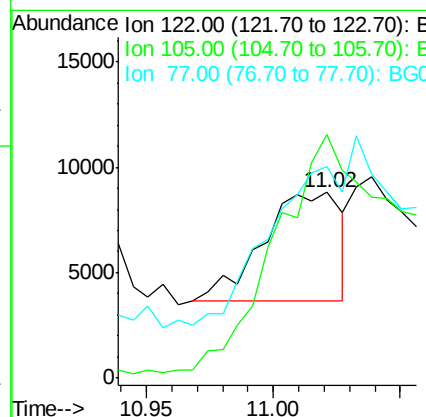
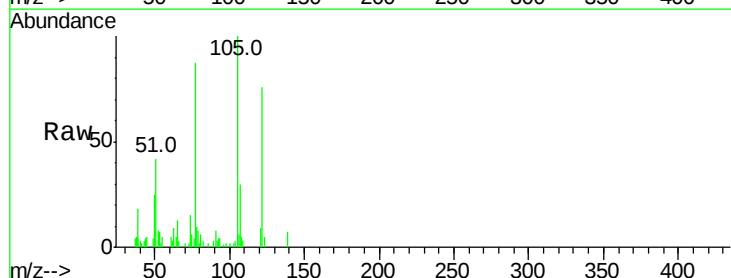
Instrument :
BNA_G
ClientSampleId :

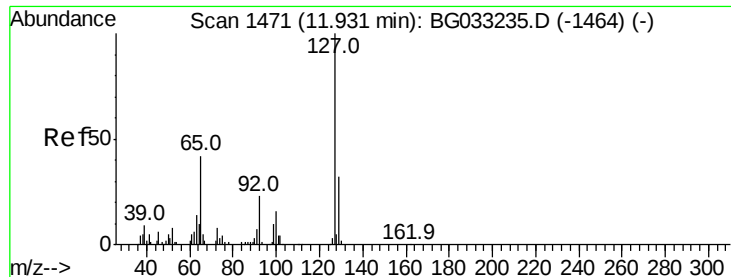
Tot Ion:128 Resp: 336910
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 12.5 11.6 17.4



#32
Benzoic acid
Concen: 7.029 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion:122 Resp: 11045
Ion Ratio Lower Upper
122 100
105 131.1 123.5 163.5
77 114.3 85.7 125.7

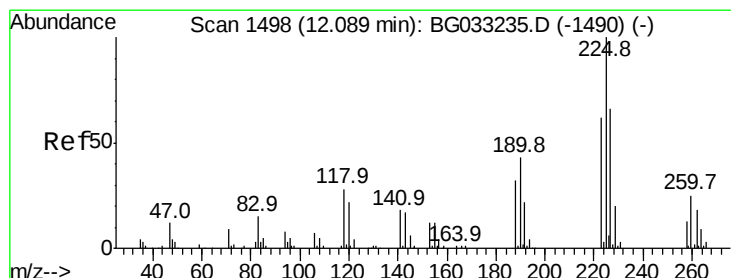
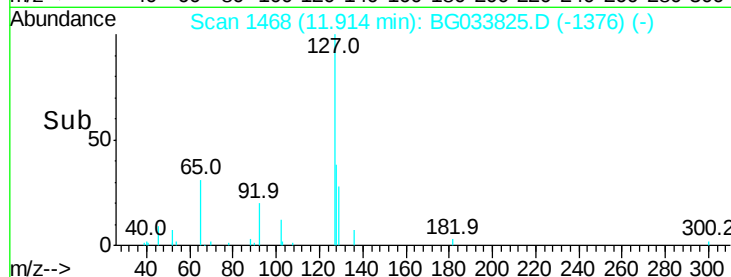
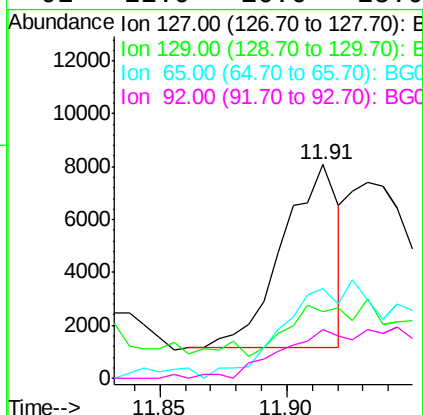
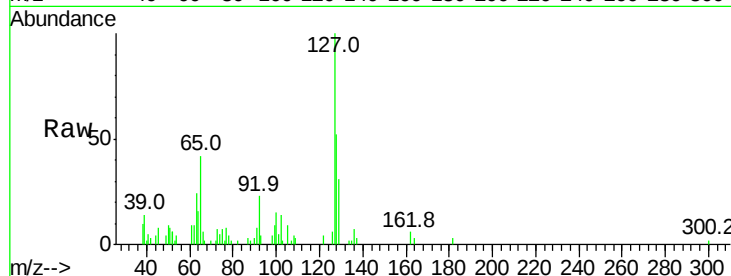




#33
4-Chloroaniline
Concen: 3.474 ng
RT: 11.91 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

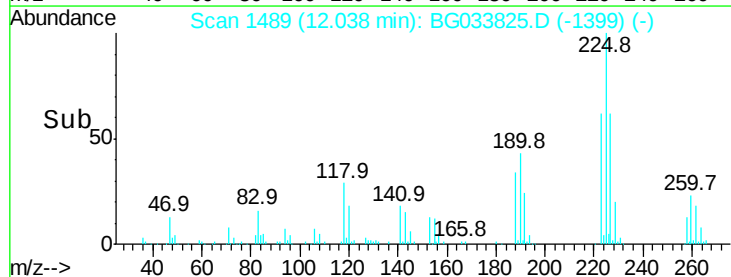
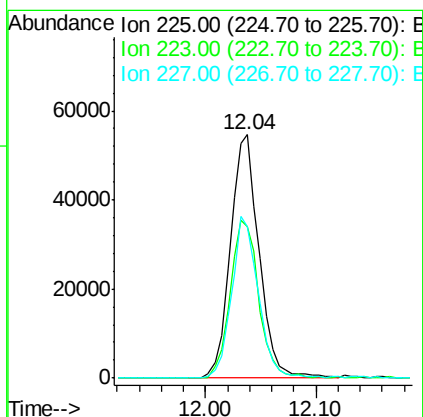
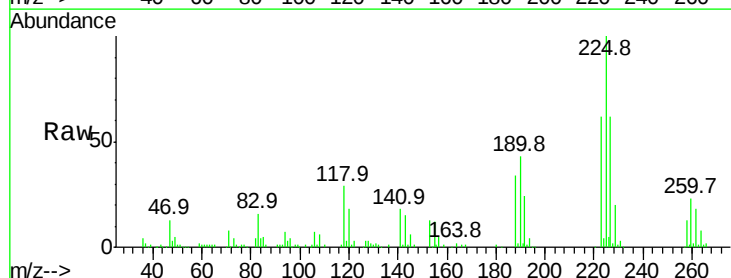
Instrument :
BNA_G
ClientSampleId :

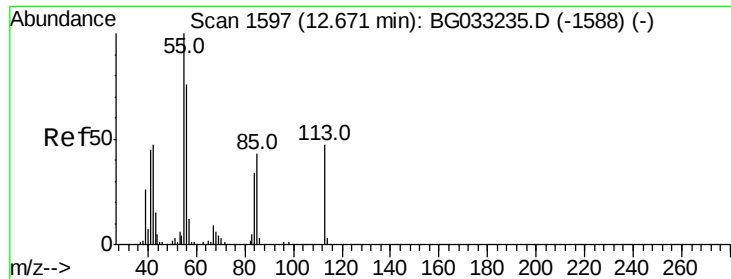
Tot Ion:127 Resp: 10641
Ion Ratio Lower Upper
127 100
129 31.0 24.0 36.0
65 41.9 27.0 40.4#
92 22.9 16.6 25.0



#34
Hexachlorobutadiene
Concen: 48.605 ng
RT: 12.04 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion:225 Resp: 99269
Ion Ratio Lower Upper
225 100
223 62.1 49.7 74.5
227 62.0 48.1 72.1

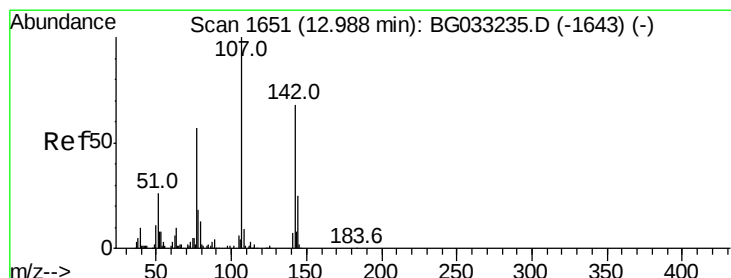
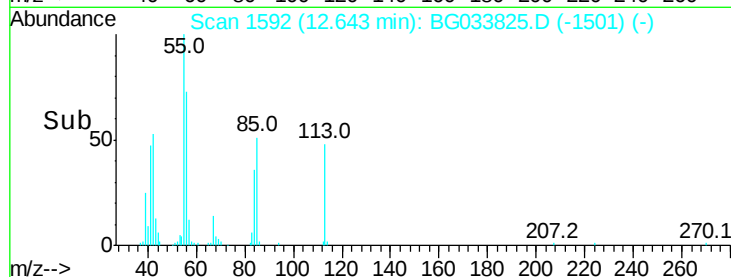
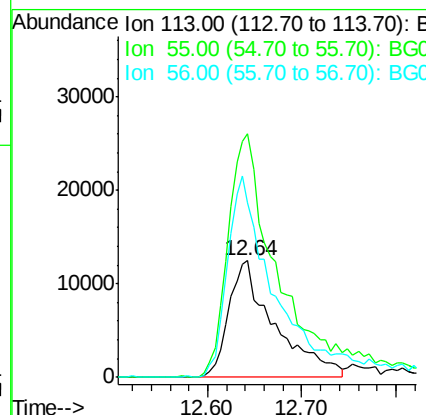
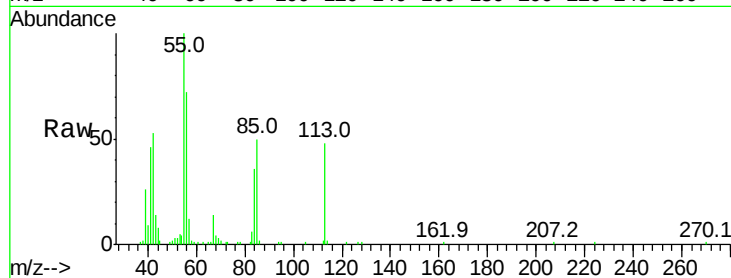




#35
Caprolactam
Concen: 51.981 ng
RT: 12.64 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

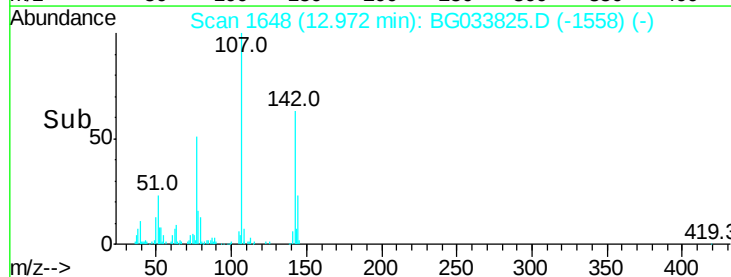
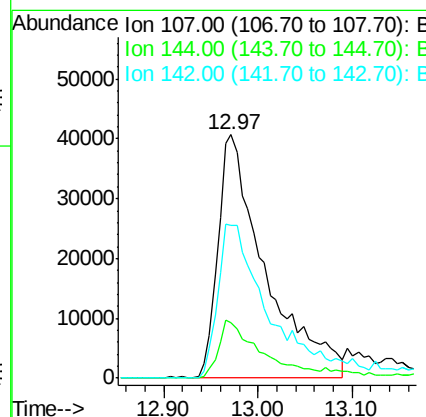
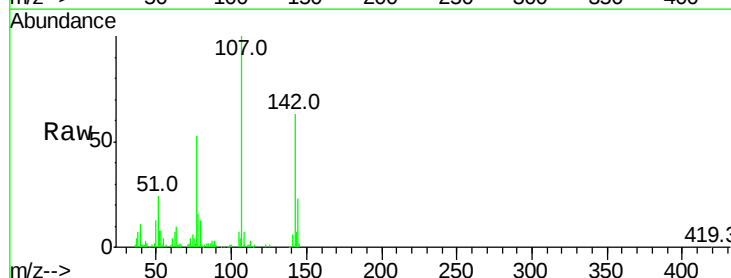
Instrument :
BNA_G
ClientSampled :

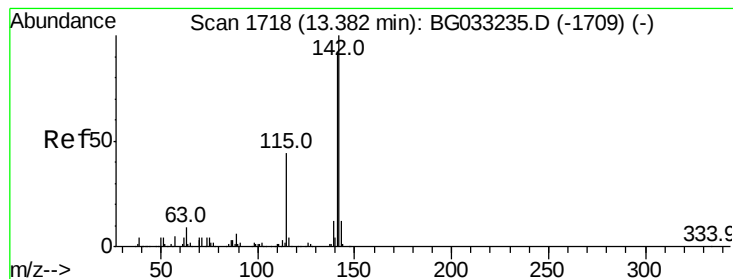
Tot Ion:113 Resp: 42332
Ion Ratio Lower Upper
113 100
55 209.1 186.9 226.9
56 150.4 130.9 170.9



#36
4-Chloro-3-methylphenol
Concen: 52.746 ng
RT: 12.97 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion:107 Resp: 143006
Ion Ratio Lower Upper
107 100
144 23.0 18.2 27.4
142 62.8 59.0 88.4





#37

2-Methylnaphthalene

Concen: 45.682 ng

RT: 13.34 min Scan# 1710

Delta R.T. 0.00 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

ClientSampleId :

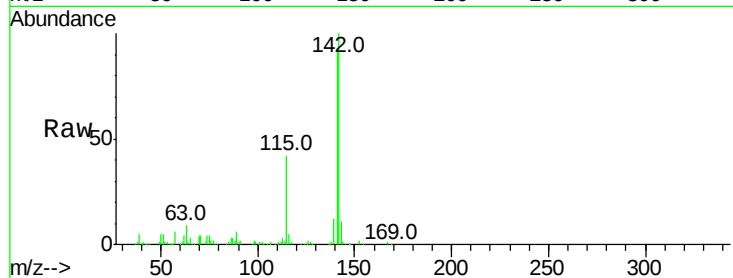
Tot Ion:142 Resp: 242387

Ion Ratio Lower Upper

142 100

141 92.1 67.1 100.7

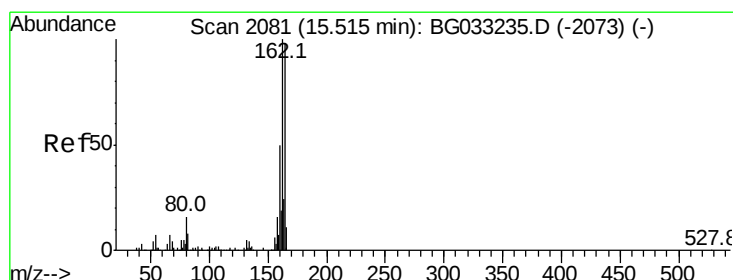
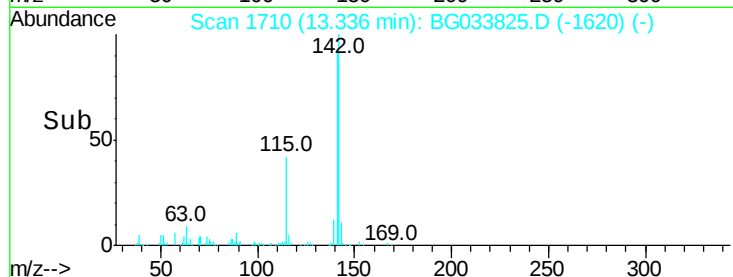
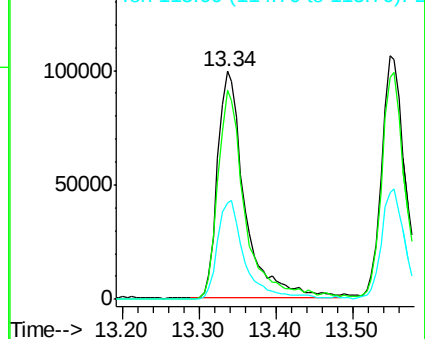
115 42.3 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

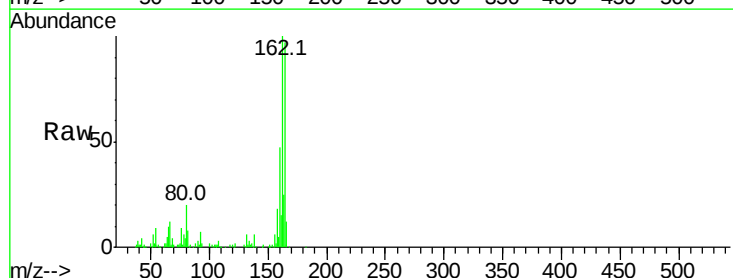
Tgt Ion:164 Resp: 107328

Ion Ratio Lower Upper

164 100

162 103.1 78.8 118.2

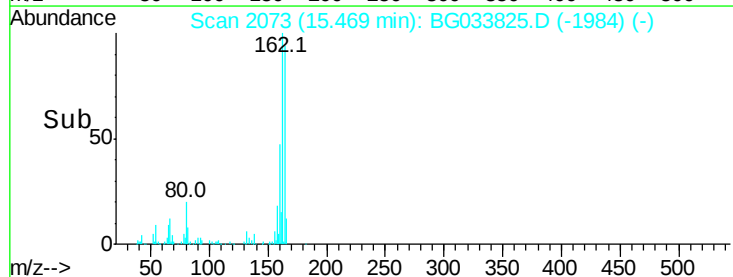
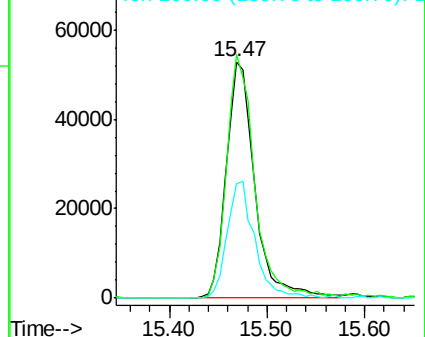
160 48.6 35.4 53.0

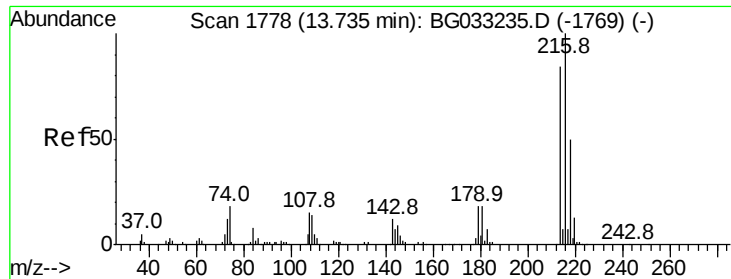


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

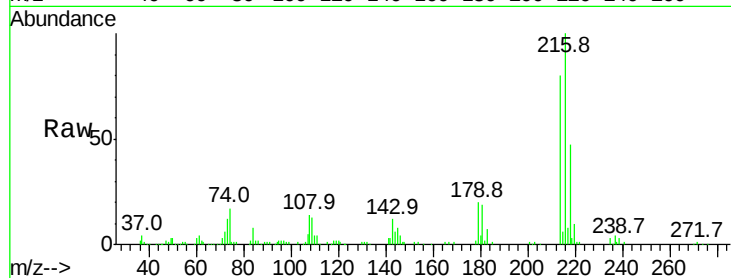




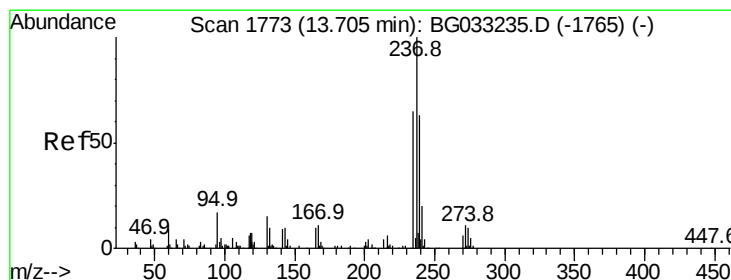
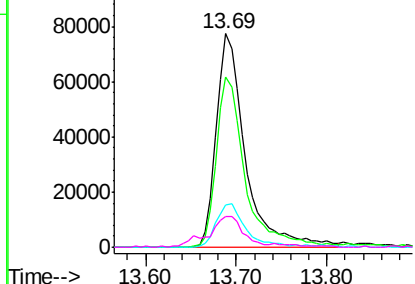
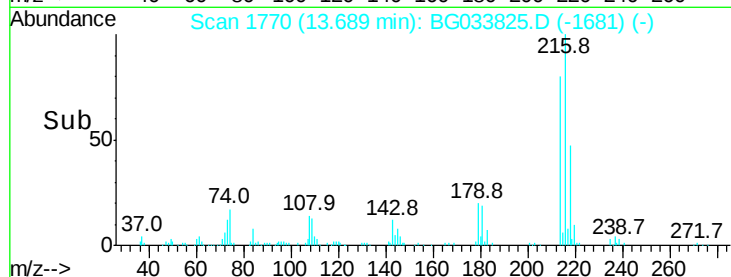
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.038 ng
 RT: 13.69 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	216	Resp:	171207
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	20.3	17.0	25.6
108	17.3	12.8	19.2

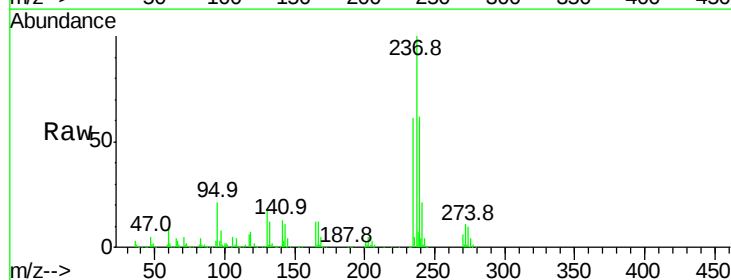


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

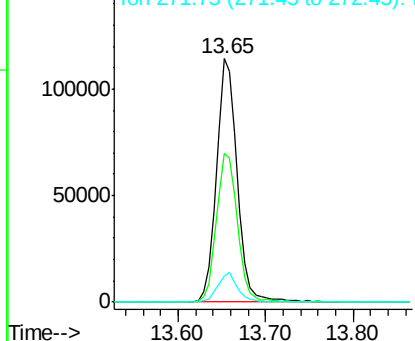
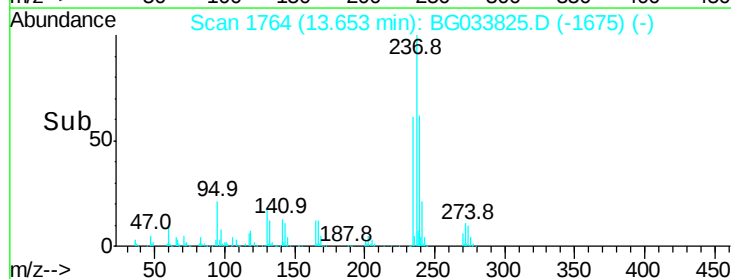


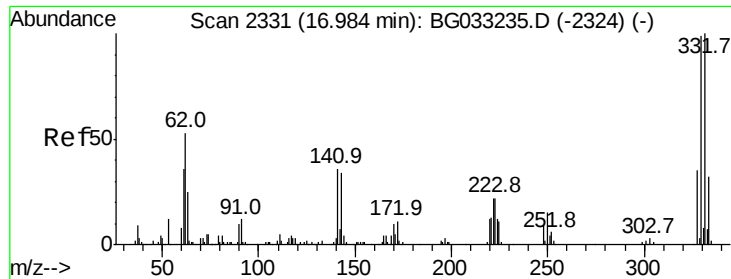
#40
 Hexachlorocyclopentadiene
 Concen: 82.269 ng
 RT: 13.65 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Tgt Ion:	237	Resp:	187497
Ion	Ratio	Lower	Upper
237	100		
235	61.0	50.4	90.4
272	10.6	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

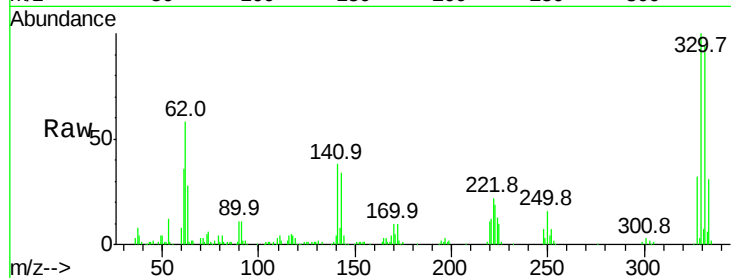




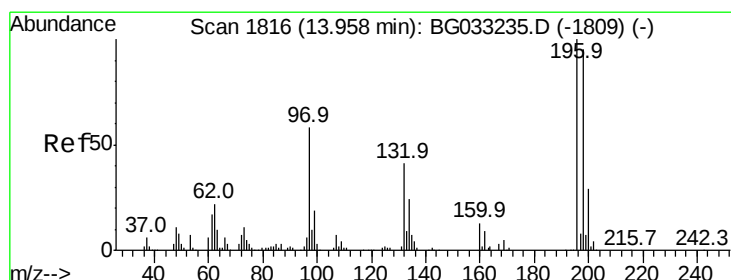
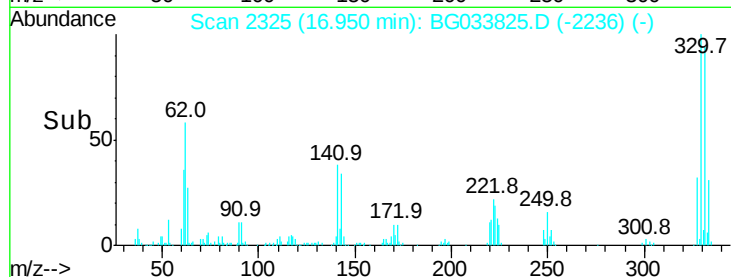
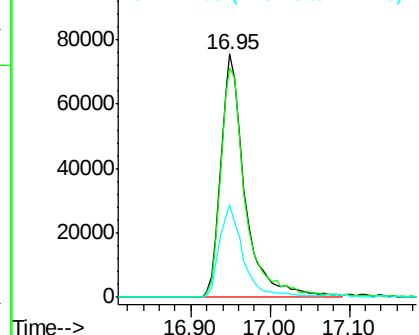
#41
 2,4,6-Tribromophenol
 Concen: 98.909 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 158770
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 37.6 25.2 37.8

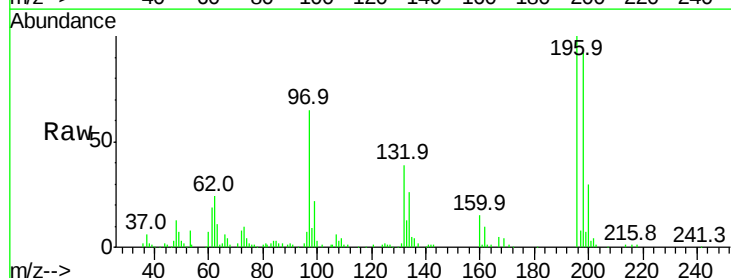


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

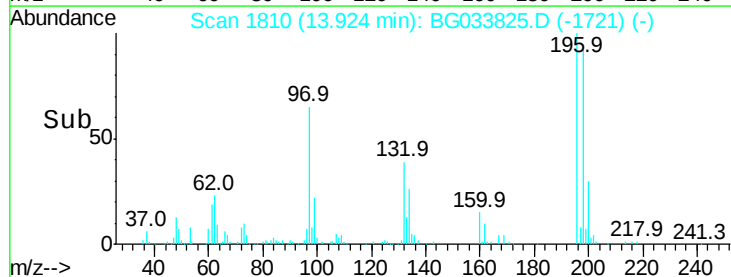
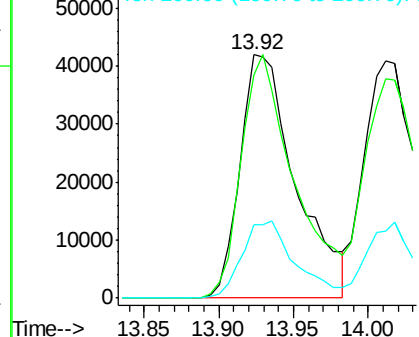


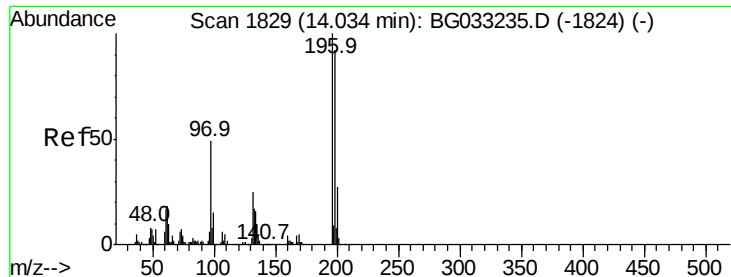
#42
 2,4,6-Trichlorophenol
 Concen: 48.088 ng
 RT: 13.92 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Tgt Ion:196 Resp: 108620
 Ion Ratio Lower Upper
 196 100
 198 91.8 78.2 117.2
 200 30.3 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

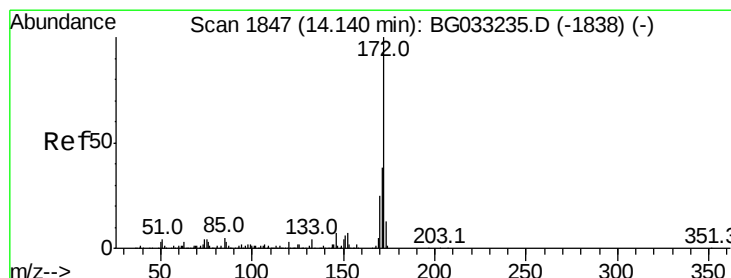
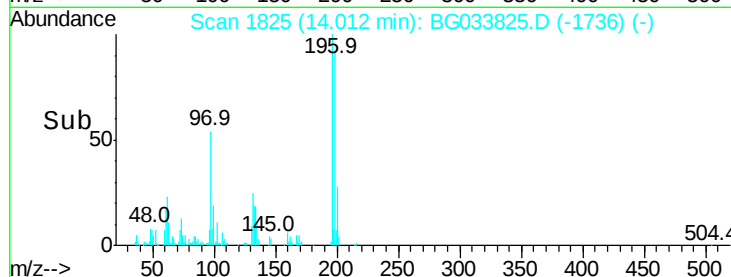
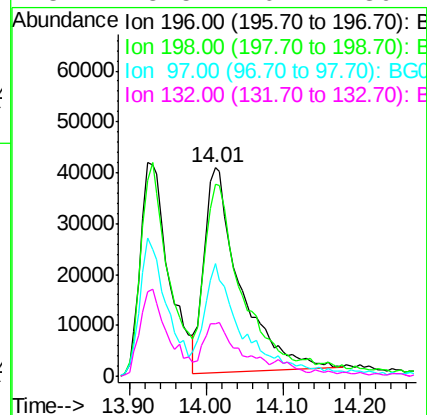
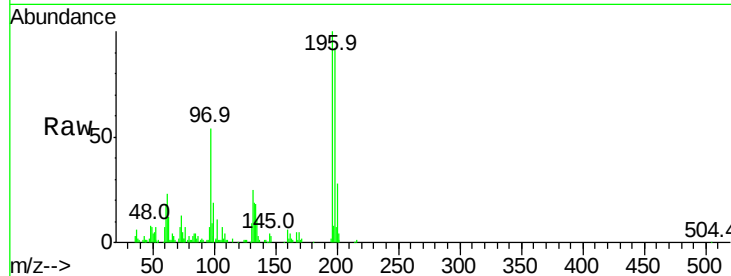




#43
 2,4,5-Trichlorophenol
 Concen: 48.868 ng
 RT: 14.01 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

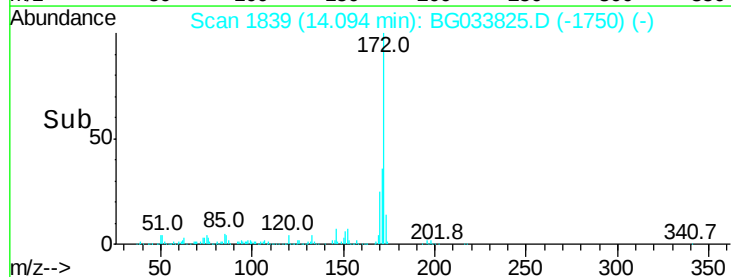
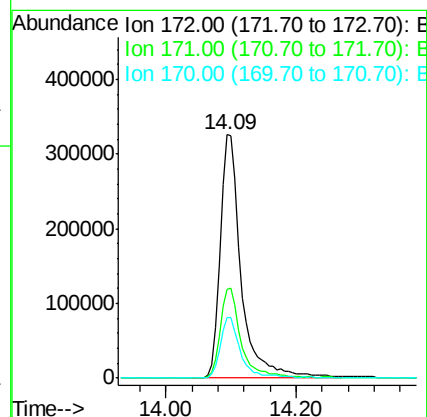
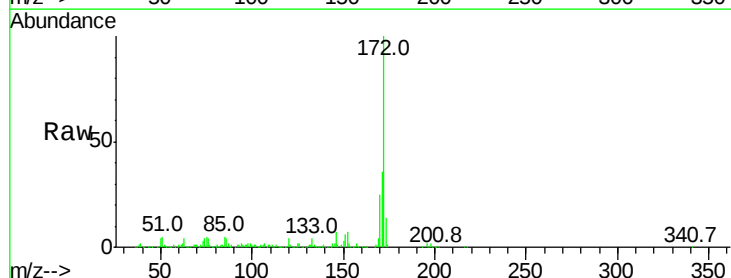
Instrument :
 BNA_G
 ClientSampleId :

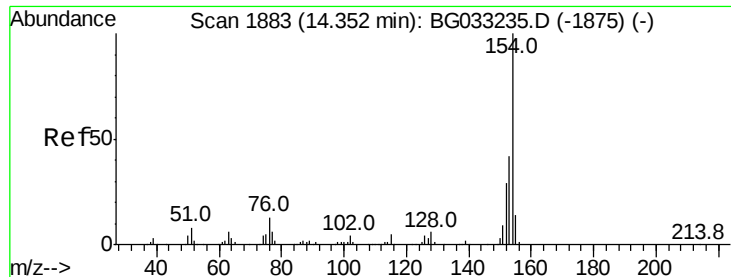
Tot Ion:196 Resp: 130472
 Ion Ratio Lower Upper
 196 100
 198 92.2 76.2 114.4
 97 54.3 38.7 58.1
 132 25.5 20.2 30.2



#44
 2-Fluorobiphenyl
 Concen: 98.225 ng
 RT: 14.09 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Tgt Ion:172 Resp: 730262
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.0 45.0
 170 24.9 19.5 29.3





#45

1,1'-Biphenyl

Concen: 47.374 ng

RT: 14.31 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

ClientSampleId :

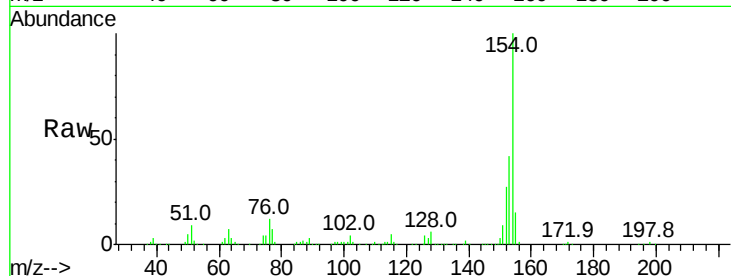
Tot Ion:154 Resp: 390636

Ion Ratio Lower Upper

154 100

153 42.4 19.8 59.8

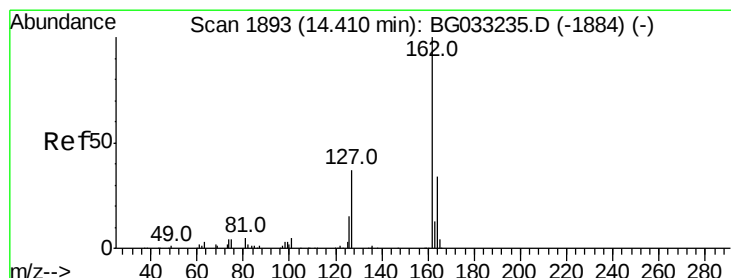
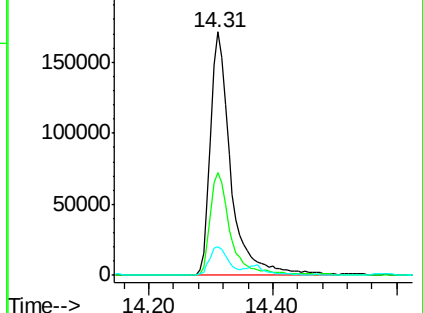
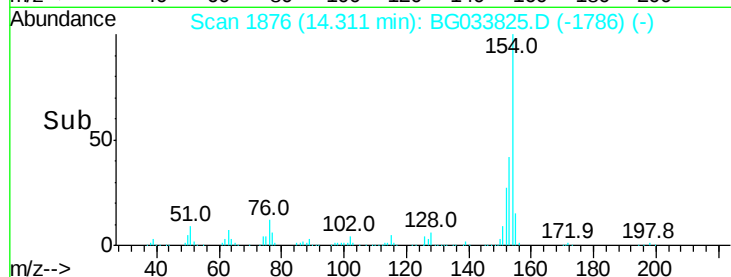
76 11.5 0.0 31.9



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: 47.083 ng

RT: 14.37 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

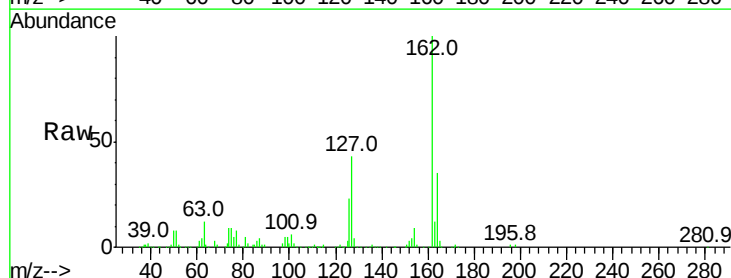
Tgt Ion:162 Resp: 299348

Ion Ratio Lower Upper

162 100

127 43.0 30.7 46.1

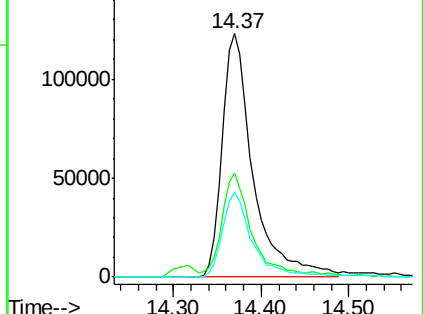
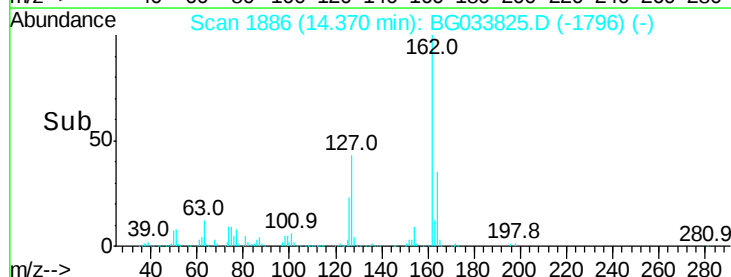
164 35.0 26.0 39.0

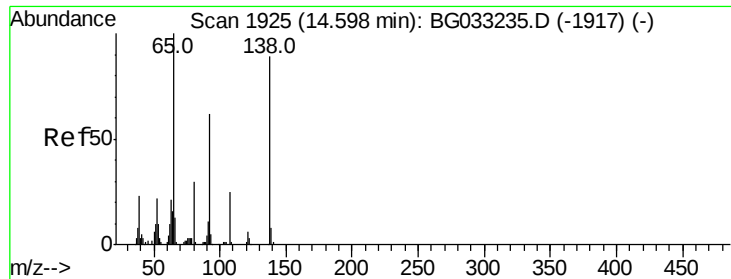


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

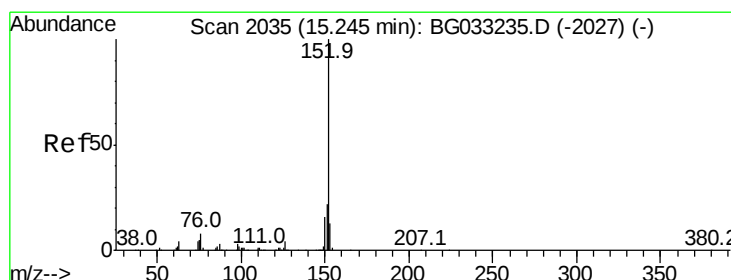
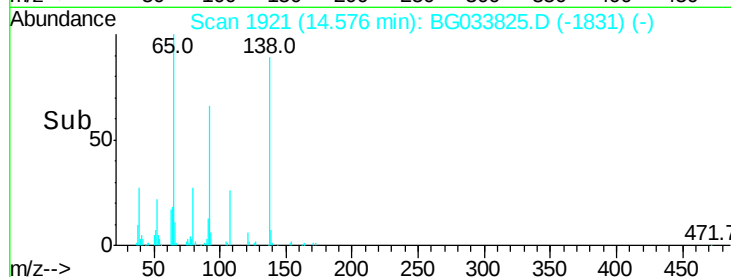
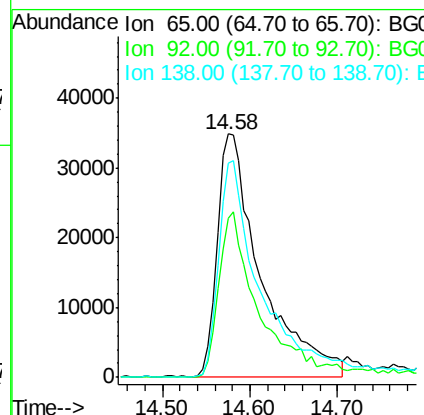
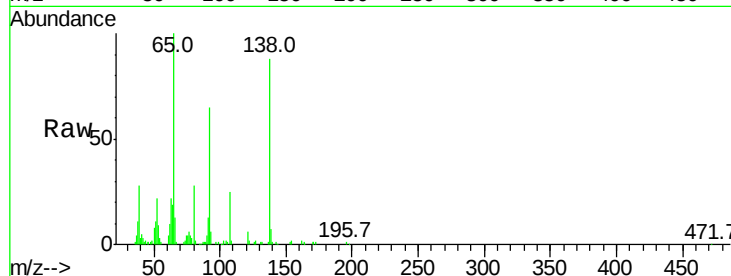




#47
2-Nitroaniline
Concen: 50.471 ng
RT: 14.58 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

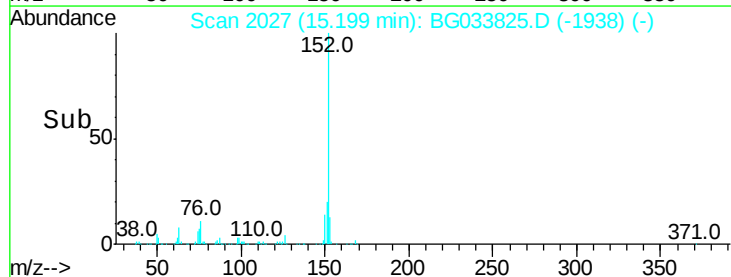
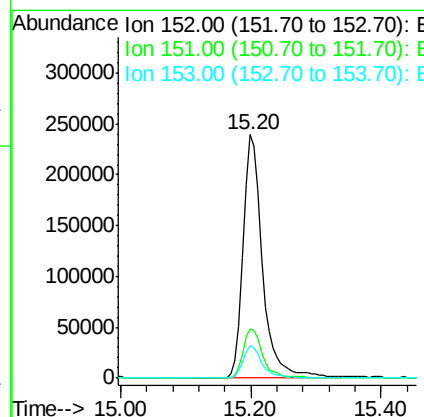
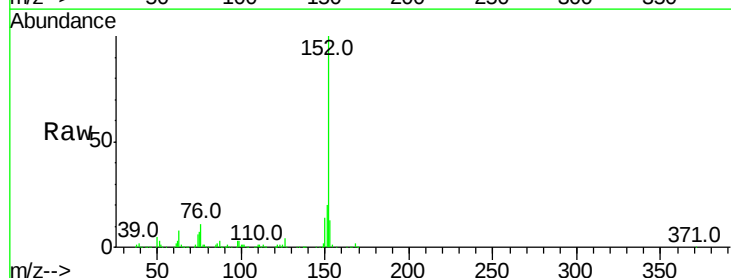
Instrument :
BNA_G
ClientSampleId :

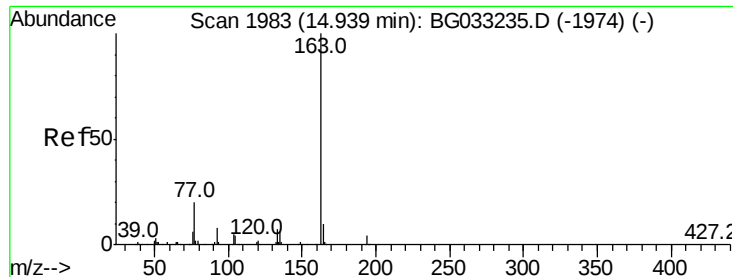
Tot Ion: 65 Resp: 120191
Ion Ratio Lower Upper
65 100
92 65.3 54.6 82.0
138 88.2 72.9 109.3



#48
Acenaphthylene
Concen: 47.074 ng
RT: 15.20 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion: 152 Resp: 499570
Ion Ratio Lower Upper
152 100
151 20.4 17.2 25.8
153 13.4 10.2 15.4





#49

Dimethylphthalate

Concen: 47.205 ng

RT: 14.89 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

ClientSampleId :

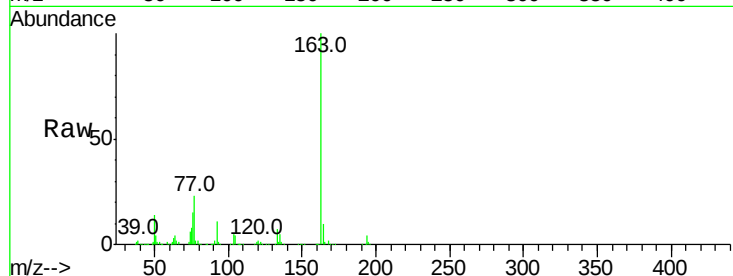
Tot Ion:163 Resp: 440912

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

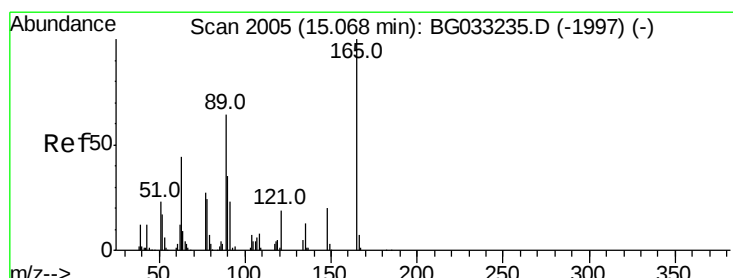
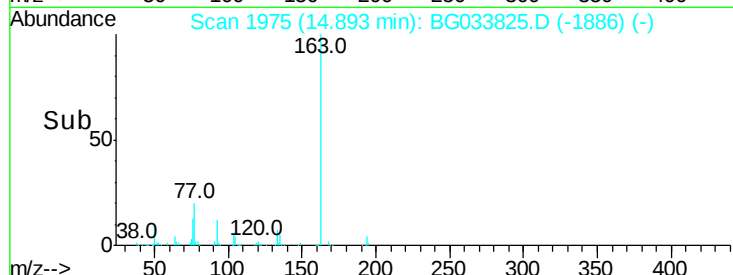
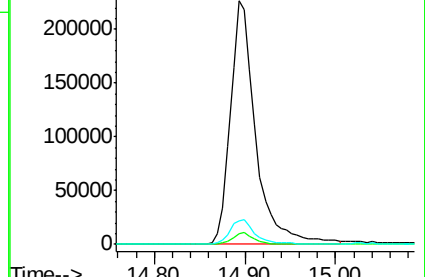
164 9.8 8.2 12.4



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: 50.916 ng

RT: 15.03 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

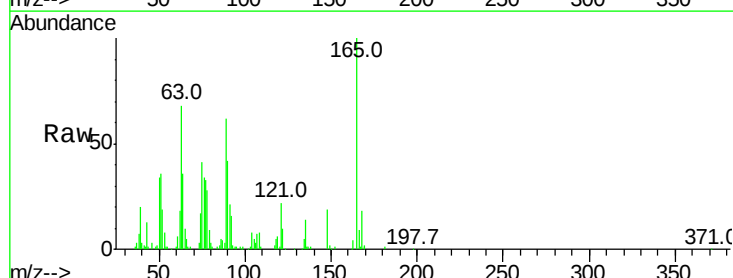
Tgt Ion:165 Resp: 97243

Ion Ratio Lower Upper

165 100

63 67.9 52.7 79.1

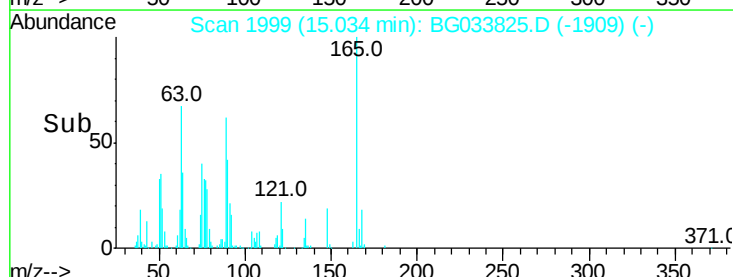
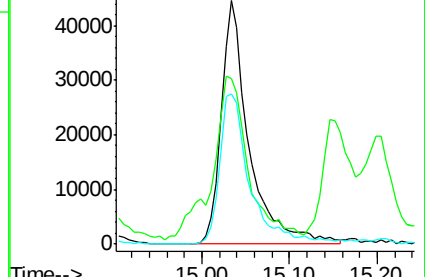
89 61.8 49.2 73.8

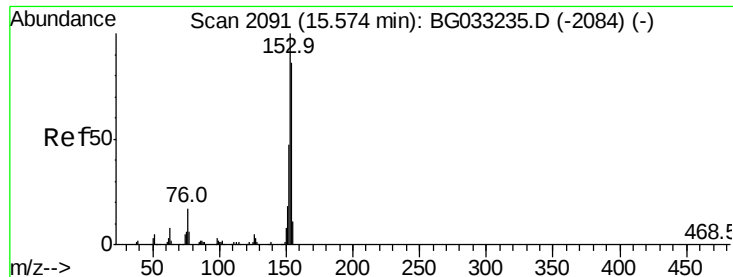


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 41.144 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

ClientSampled :

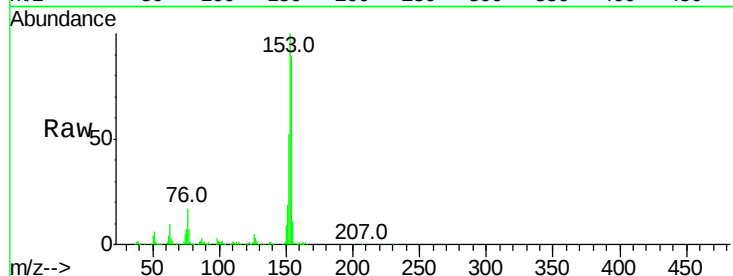
Tot Ion:154 Resp: 281474

Ion Ratio Lower Upper

154 100

153 112.8 90.4 135.6

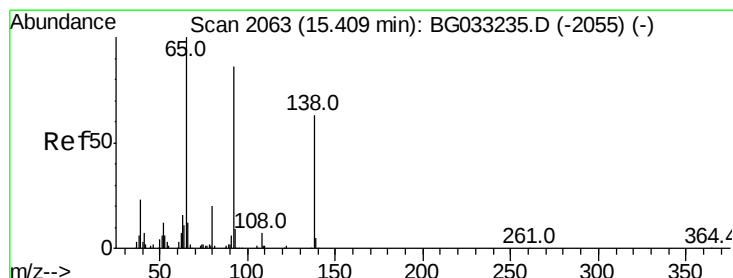
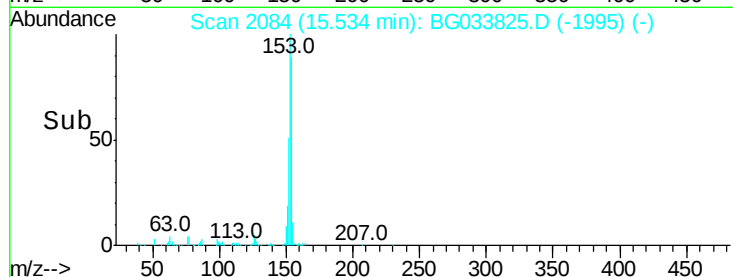
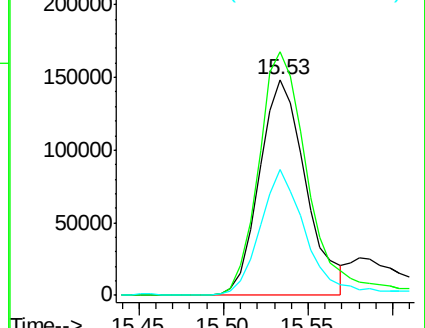
152 58.1 41.6 62.4



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: 23.520 ng

RT: 15.40 min Scan# 2061

Delta R.T. 0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

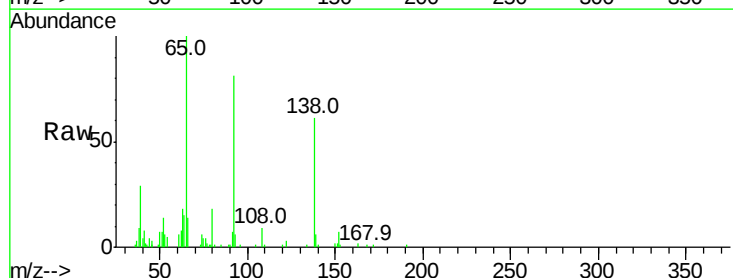
Tgt Ion:138 Resp: 47095

Ion Ratio Lower Upper

138 100

108 14.1 17.5 26.3#

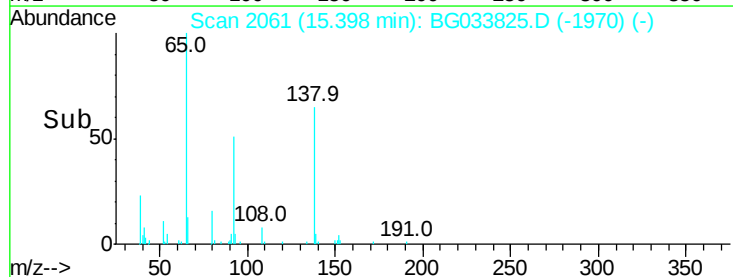
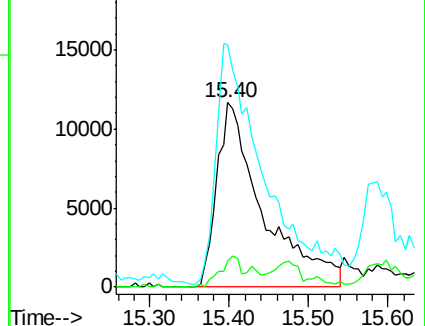
92 131.8 105.8 158.8

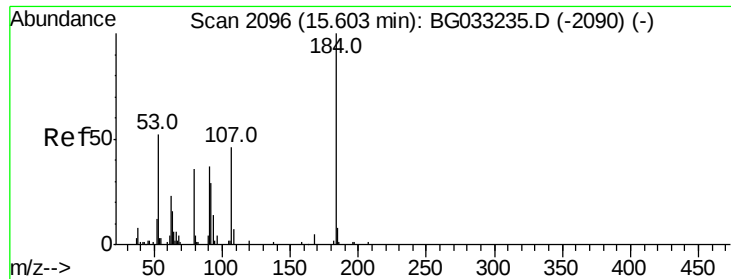


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

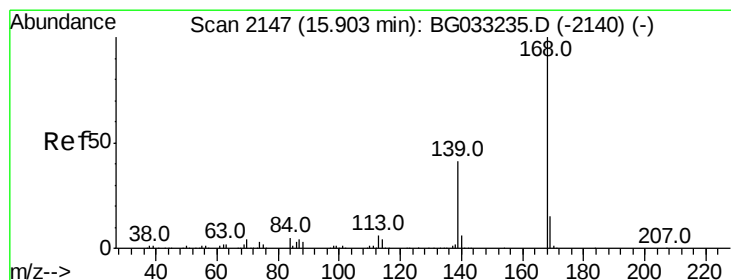
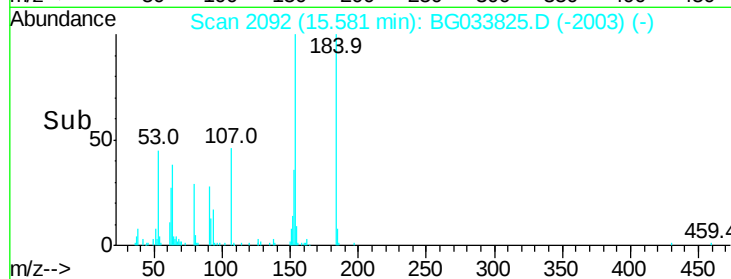
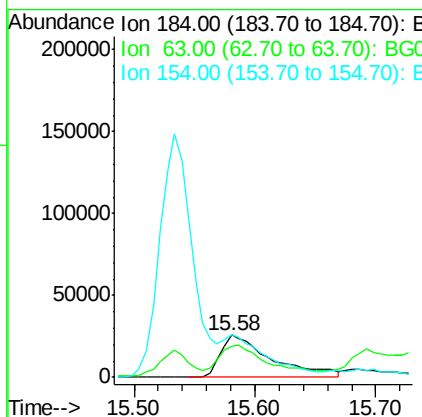
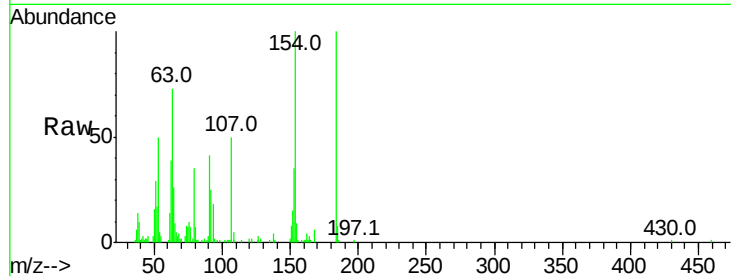




#53
2,4-Dinitrophenol
Concen: 76.255 ng
RT: 15.58 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

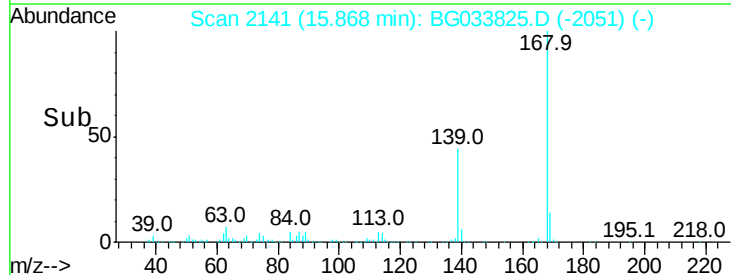
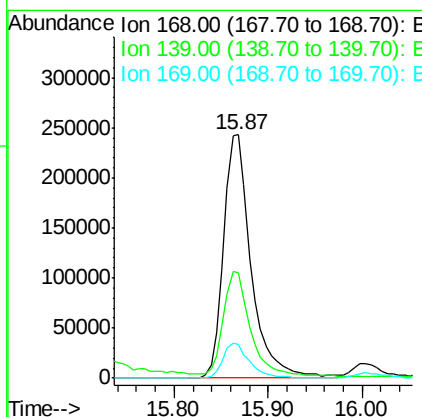
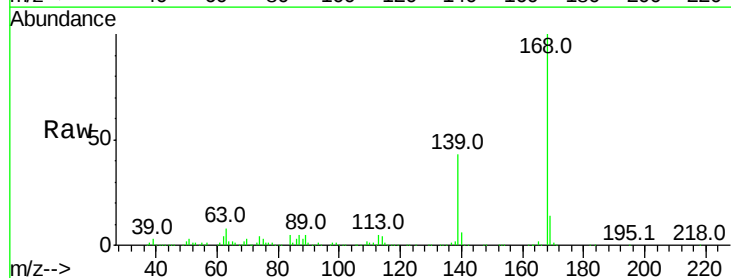
Instrument :
BNA_G
ClientSampleId :

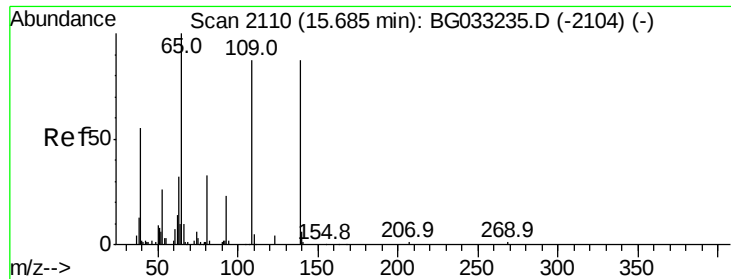
Tot Ion:184 Resp: 75028
Ion Ratio Lower Upper
184 100
63 73.6 59.8 89.8
154 100.5 101.8 152.8#



#54
Dibenzofuran
Concen: 49.224 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion:168 Resp: 497426
Ion Ratio Lower Upper
168 100
139 43.5 28.6 43.0#
169 13.8 11.2 16.8

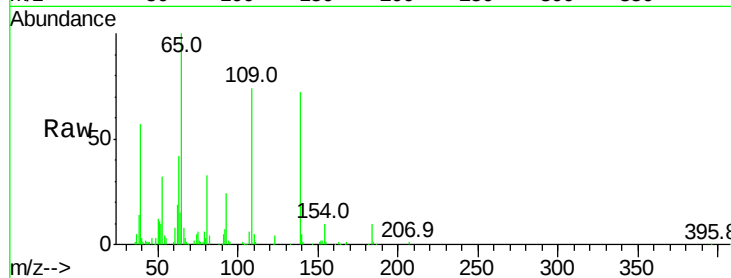




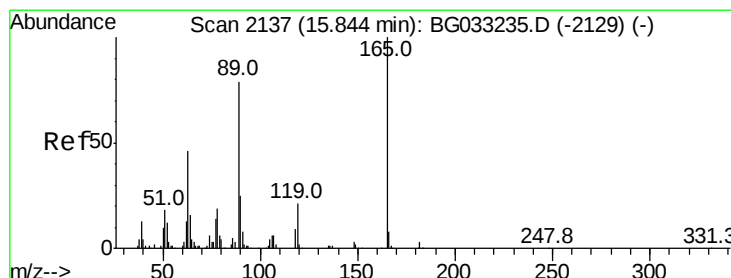
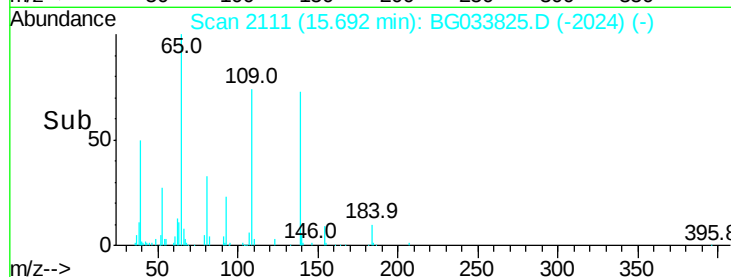
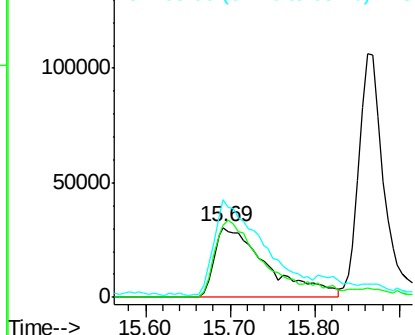
#55
4-Nitrophenol
Concen: 94.784 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 133453
Ion Ratio Lower Upper
139 100
109 102.9 62.2 102.2#
65 139.5 97.2 137.2#

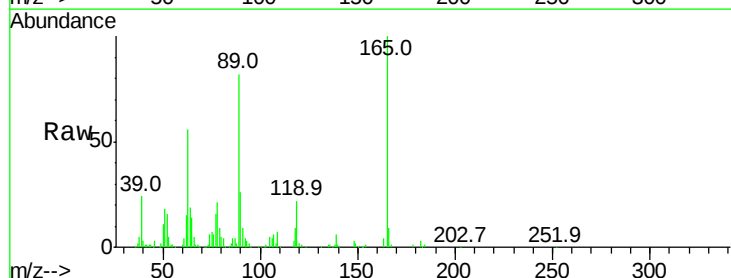


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

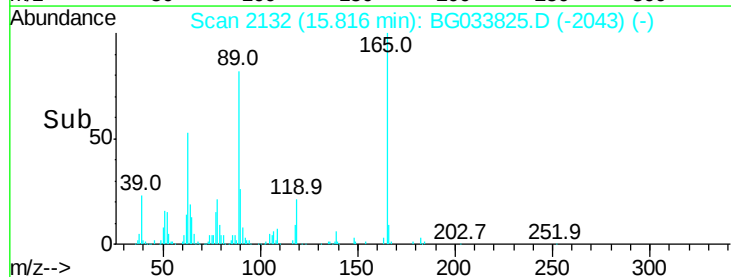
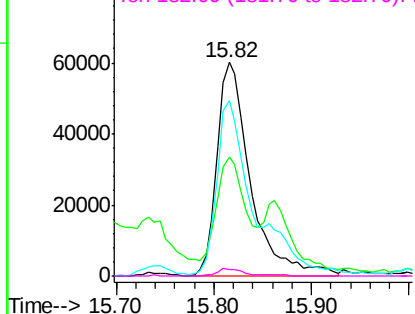


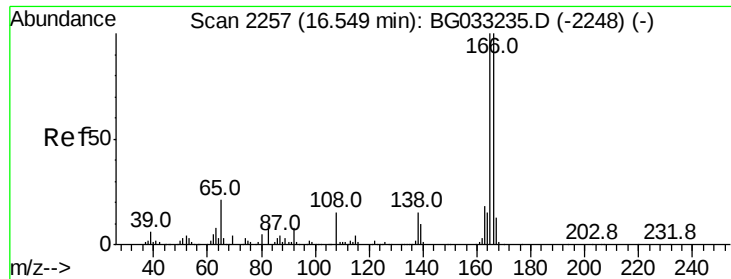
#56
2,4-Dinitrotoluene
Concen: 50.485 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion:165 Resp: 141967
Ion Ratio Lower Upper
165 100
63 55.7 42.0 63.0
89 82.2 66.9 100.3
182 3.2 2.6 3.8



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





#57

Fluorene

Concen: 46.743 ng

RT: 16.51 min Scan# 2250

Delta R.T. 0.00 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

ClientSampleId :

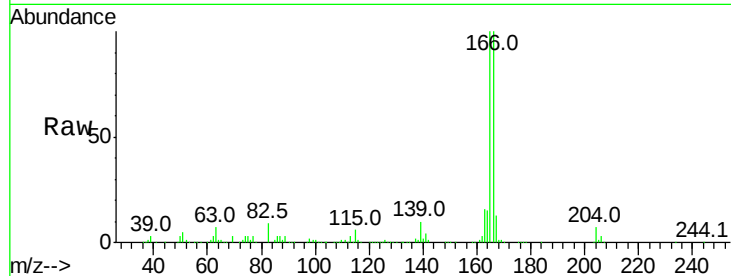
Tot Ion:166 Resp: 402410

Ion Ratio Lower Upper

166 100

165 100.1 80.6 121.0

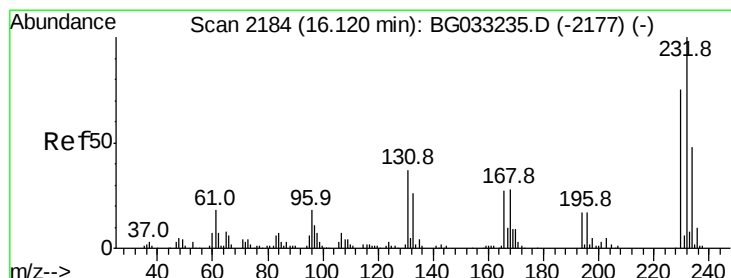
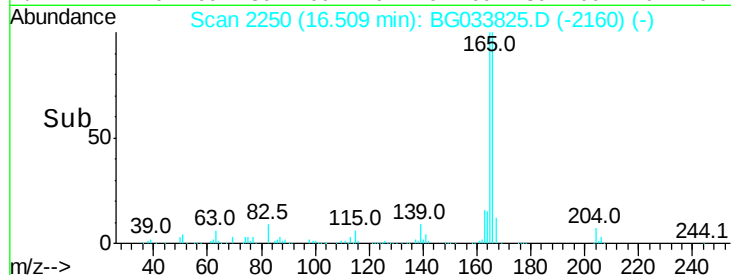
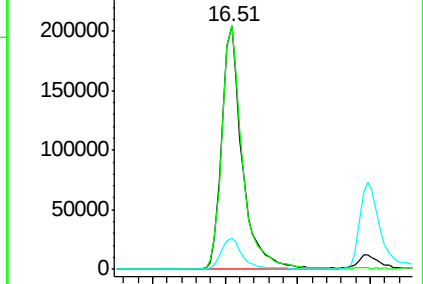
167 12.7 10.4 15.6



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: 54.737 ng

RT: 16.09 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Tgt Ion:232 Resp: 137580

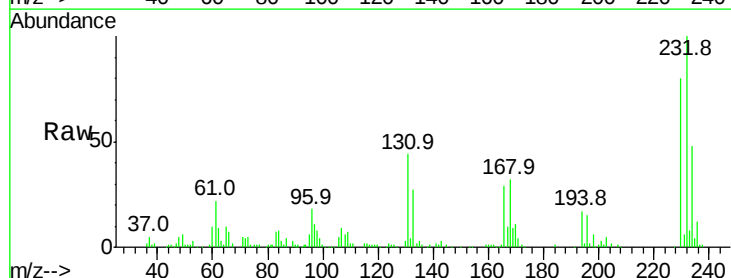
Ion Ratio Lower Upper

232 100

131 41.6 33.5 50.3

130 1.9 2.2 3.2#

166 28.7 24.8 37.2

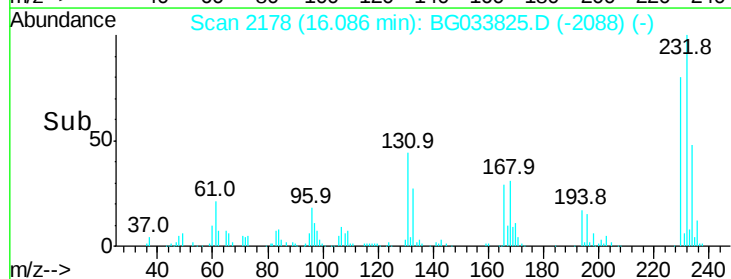
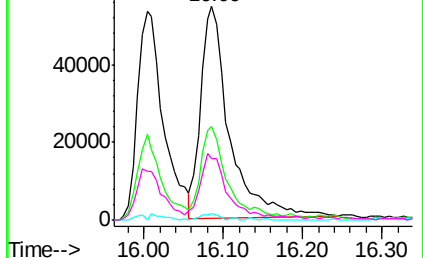


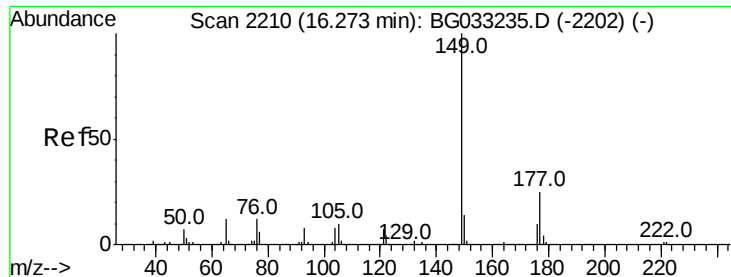
Abundance Ion 232.00 (231.70 to 232.70): E

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

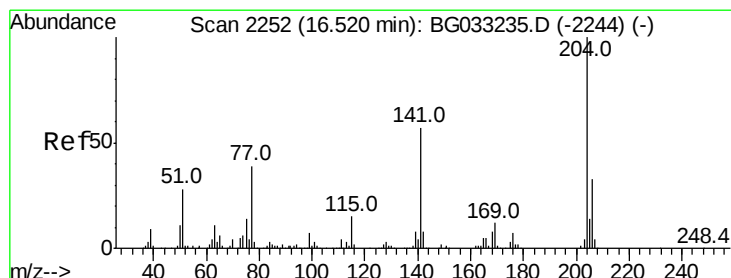
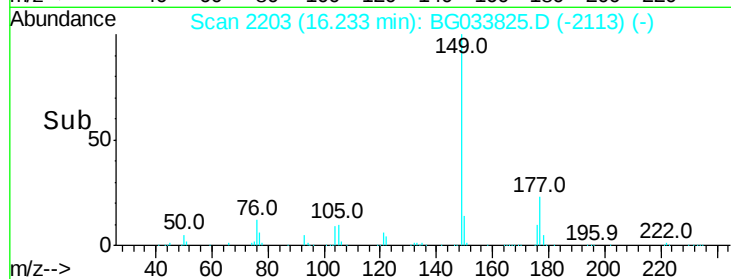
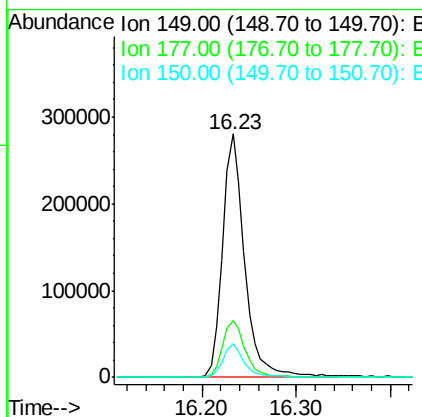
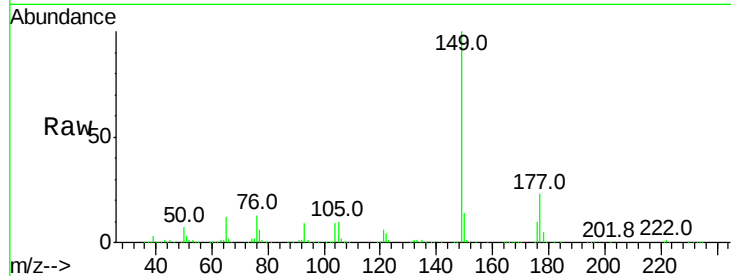




#59
Diethylphthalate
Concen: 50.682 ng
RT: 16.23 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

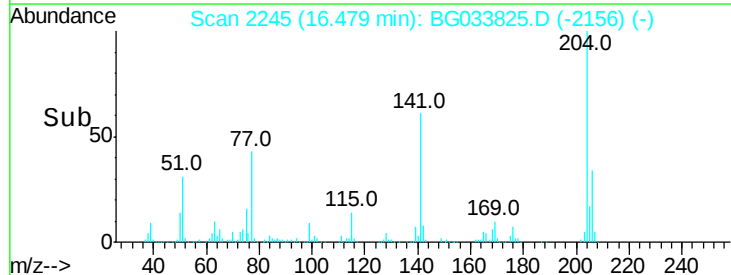
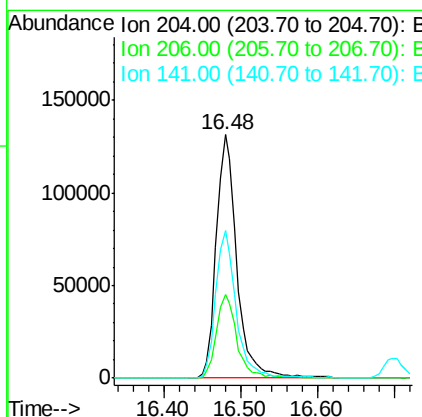
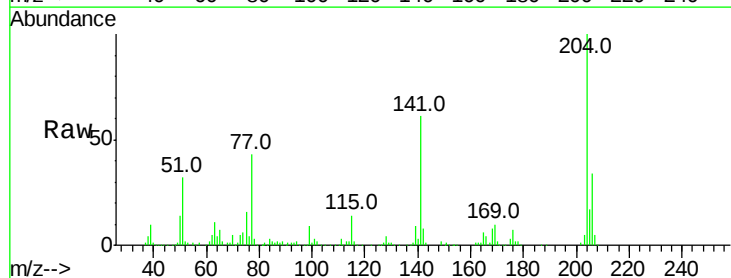
Instrument :
BNA_G
ClientSampleId :

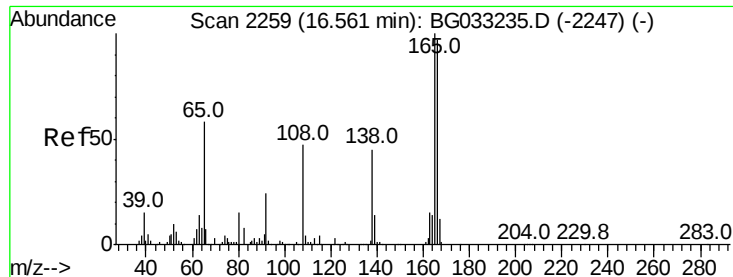
Tot Ion:149 Resp: 459676
Ion Ratio Lower Upper
149 100
177 23.4 18.5 27.7
150 13.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 48.917 ng
RT: 16.48 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion:204 Resp: 242086
Ion Ratio Lower Upper
204 100
206 34.4 26.2 39.2
141 60.7 45.8 68.6





#61

4-Nitroaniline

Concen: 34.193 ng

RT: 16.56 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

ClientSampleId :

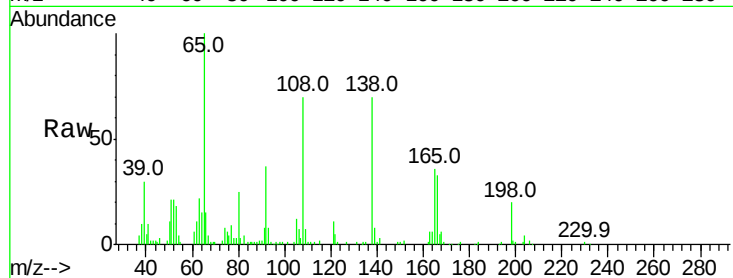
Tot Ion:138 Resp: 69332

Ion Ratio Lower Upper

138 100

92 53.0 40.1 80.1

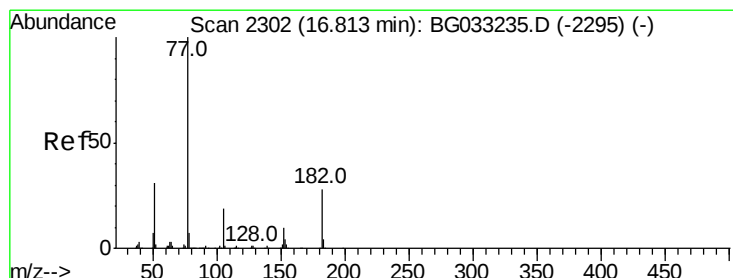
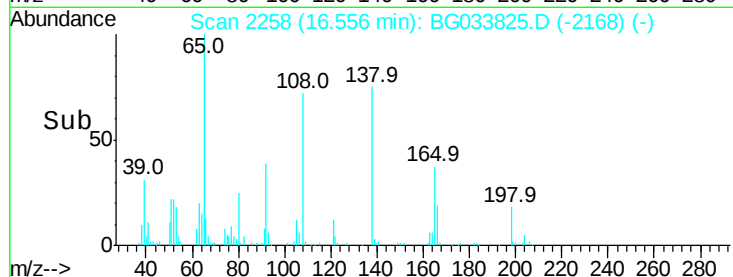
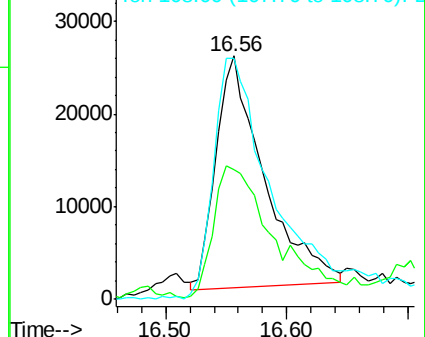
108 99.1 65.4 105.4



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: 52.844 ng

RT: 16.77 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Tgt Ion: 77 Resp: 464282

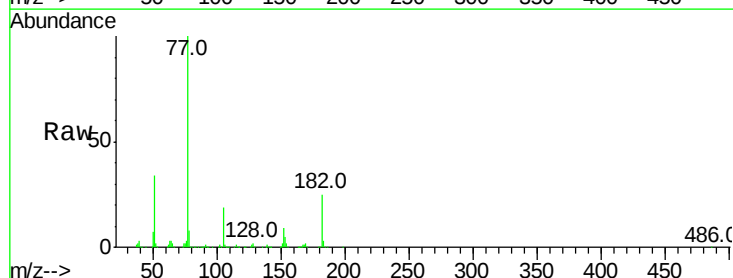
Ion Ratio Lower Upper

77 100

182 25.4 7.4 47.4

105 19.0 0.3 40.3

51 33.7 11.6 51.6

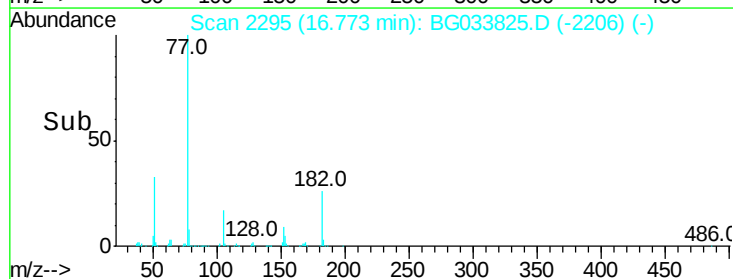
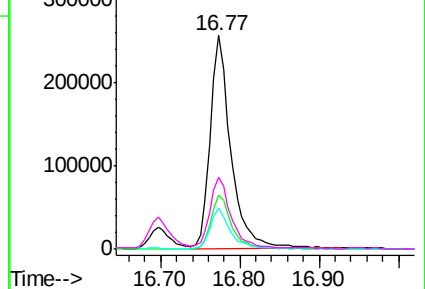


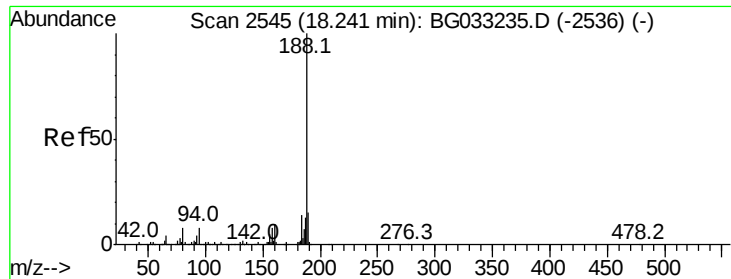
Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 18.20 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

ClientSampleId :

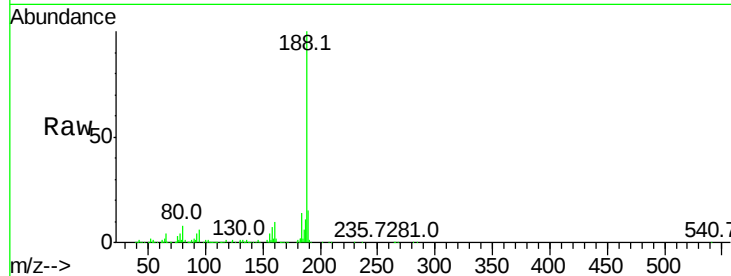
Tot Ion:188 Resp: 294018

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

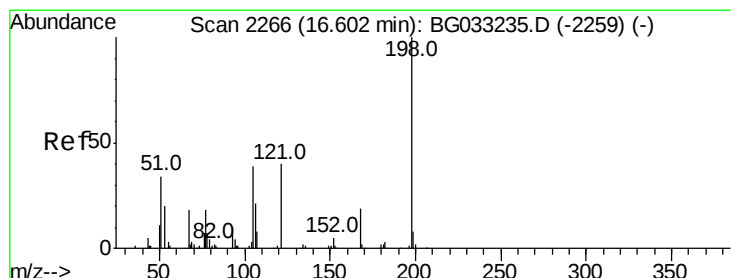
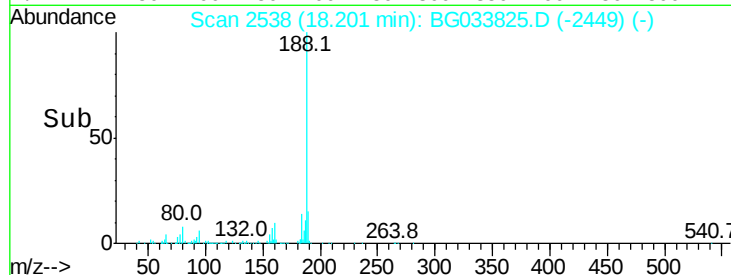
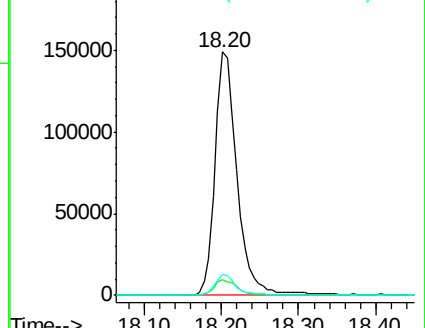
80 8.4 7.7 11.5



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: 48.283 ng

RT: 16.57 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

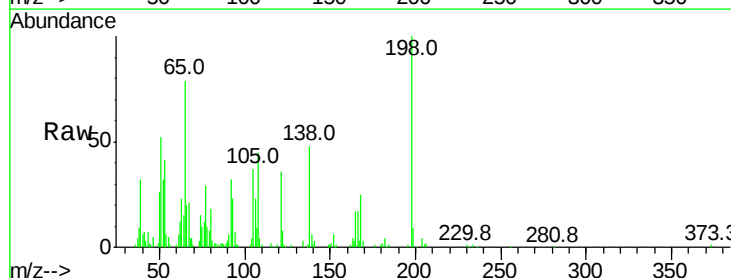
Tgt Ion:198 Resp: 84924

Ion Ratio Lower Upper

198 100

51 51.9 30.6 70.6

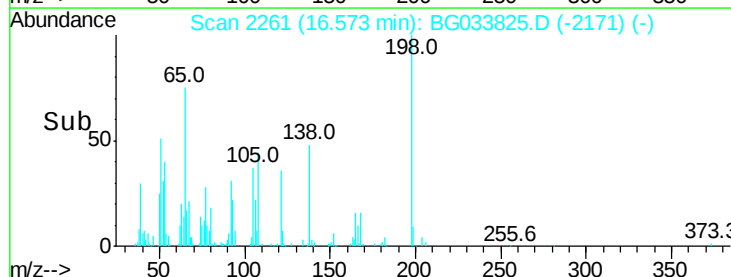
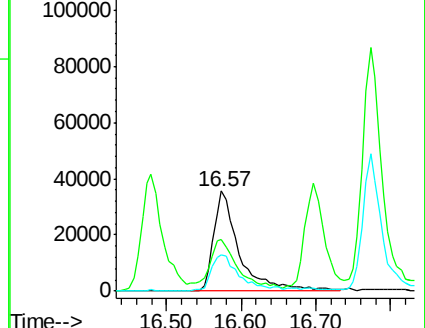
105 36.6 23.8 63.8

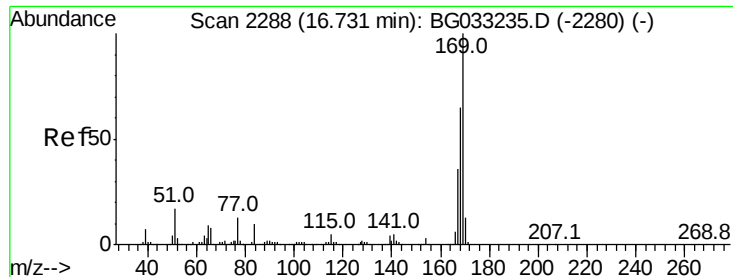


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

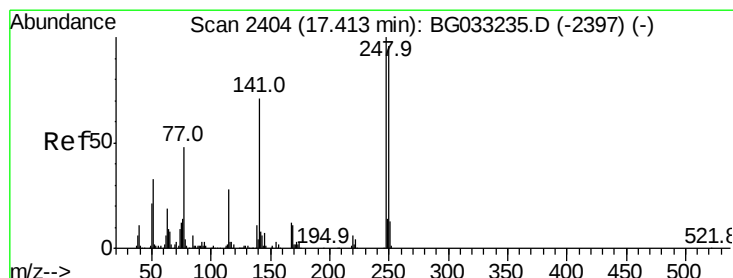
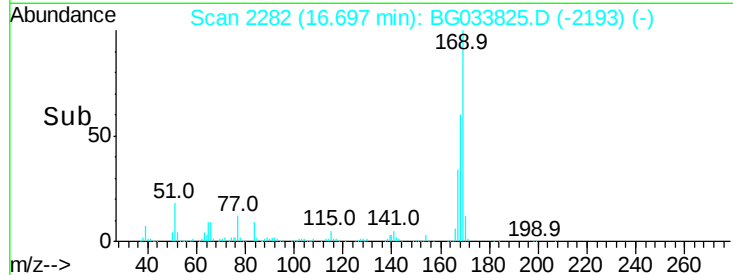
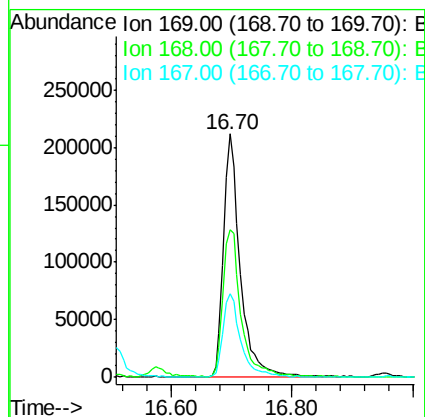
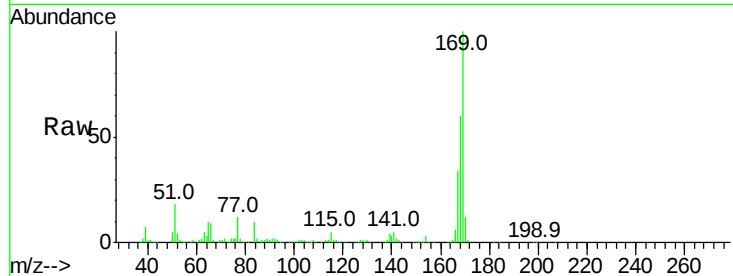




#65
n-Nitrosodiphenylamine
Concen: 48.672 ng
RT: 16.70 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

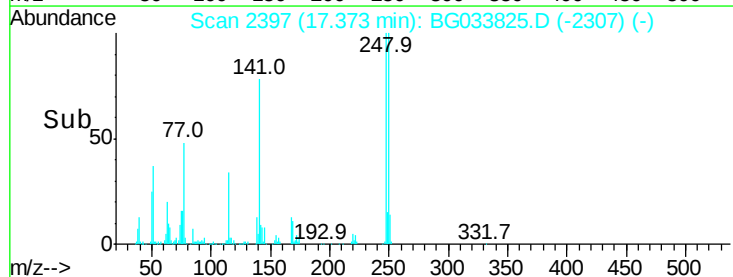
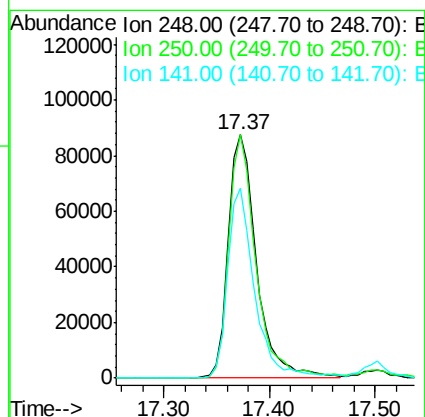
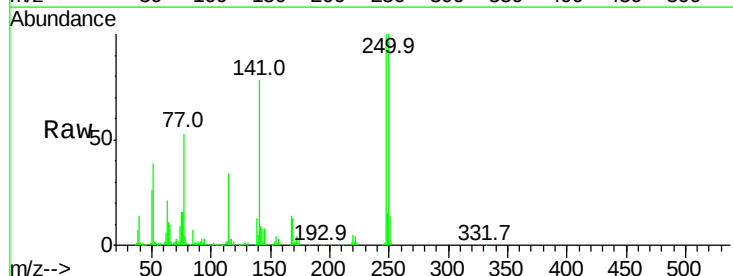
Instrument :
BNA_G
ClientSampleId :

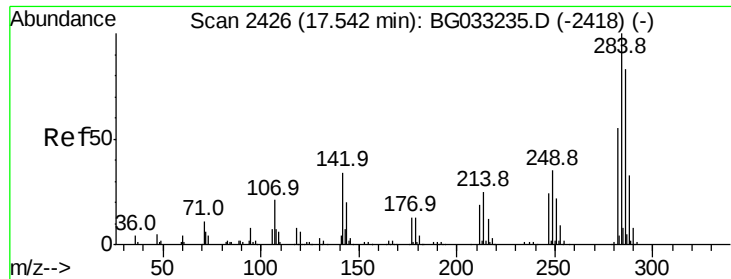
Tot Ion:169 Resp: 408542
Ion Ratio Lower Upper
169 100
168 60.4 55.7 83.5
167 34.5 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 46.986 ng
RT: 17.37 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion:248 Resp: 162242
Ion Ratio Lower Upper
248 100
250 99.9 77.1 115.7
141 77.9 50.8 76.2#





#67

Hexachlorobenzene

Concen: 45.881 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

ClientSampleId :

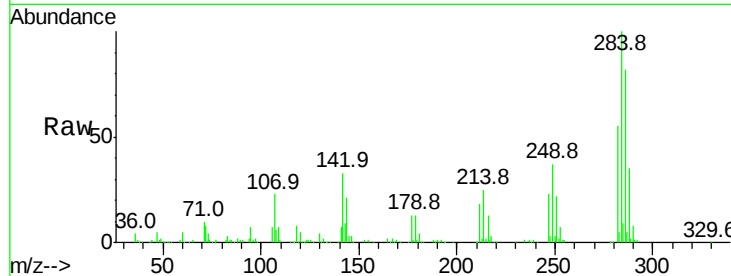
Tot Ion:284 Resp: 167199

Ion	Ratio	Lower	Upper
284	100		
142	33.4	26.8	40.2
249	36.9	26.3	39.5

284 100

142 33.4 26.8 40.2

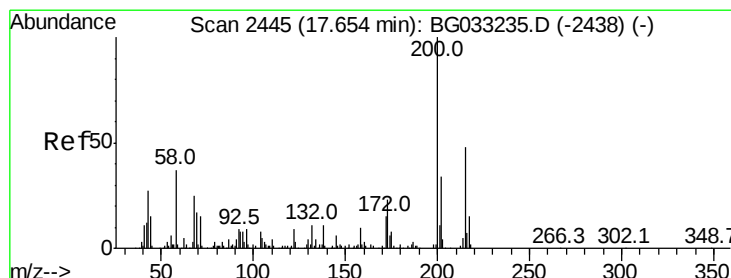
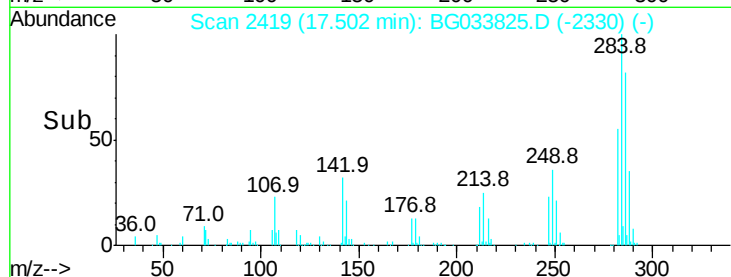
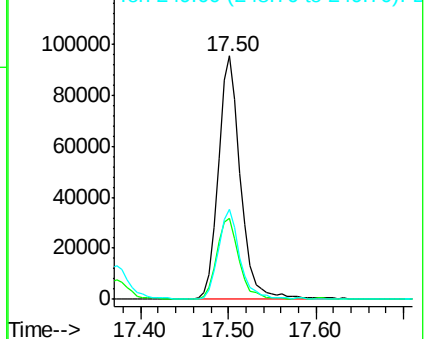
249 36.9 26.3 39.5



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: 53.317 ng

RT: 17.61 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

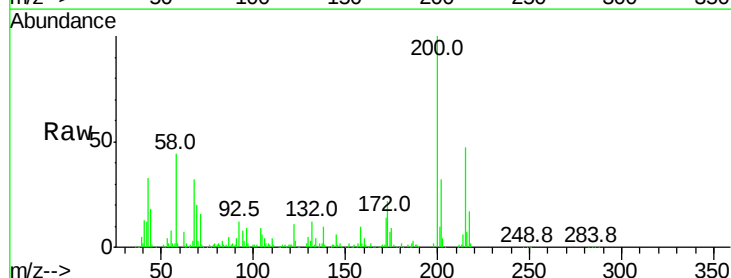
Tgt Ion:200 Resp: 181350

Ion	Ratio	Lower	Upper
200	100		
173	22.2	5.2	45.2
215	46.7	30.4	70.4

200 100

173 22.2 5.2 45.2

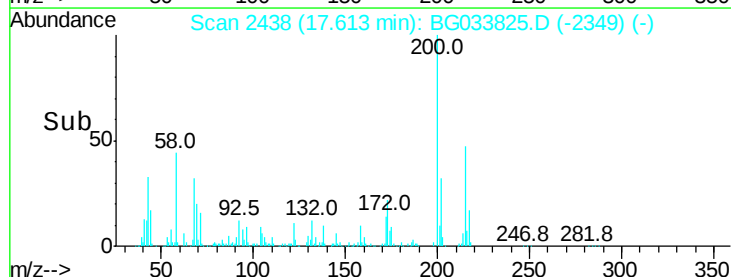
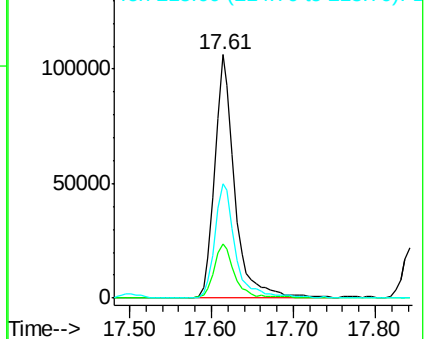
215 46.7 30.4 70.4

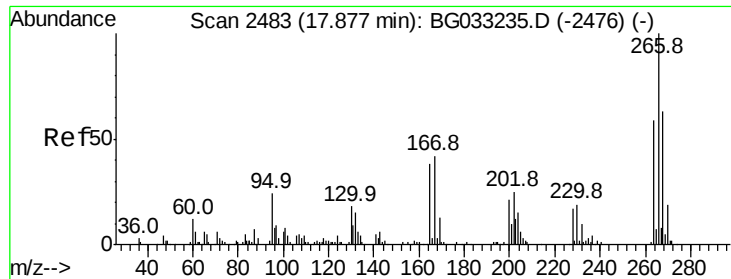


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

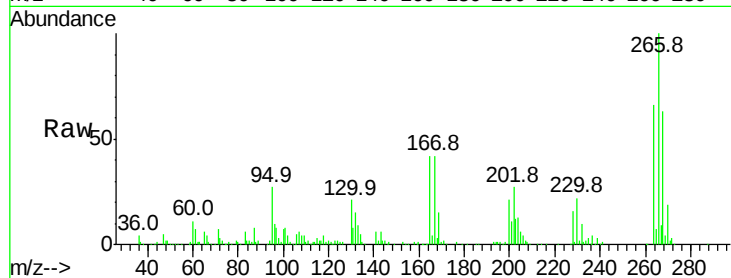




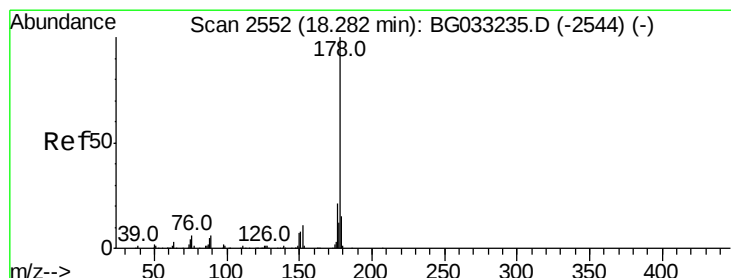
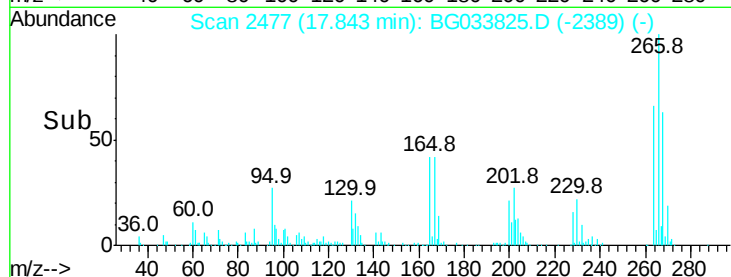
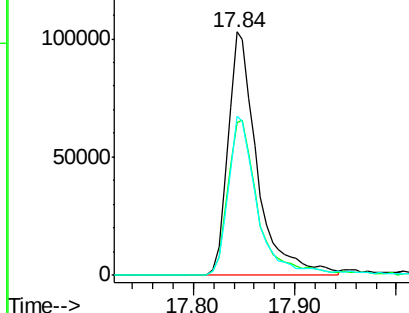
#69
 Pentachlorophenol
 Concen: 82.069 ng
 RT: 17.84 min Scan# 2477
 Delta R.T. -0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	65.5	49.6	74.4

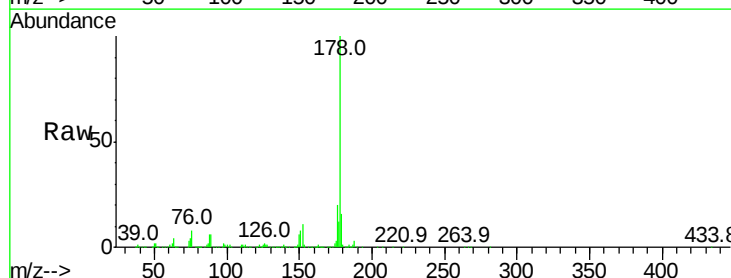


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

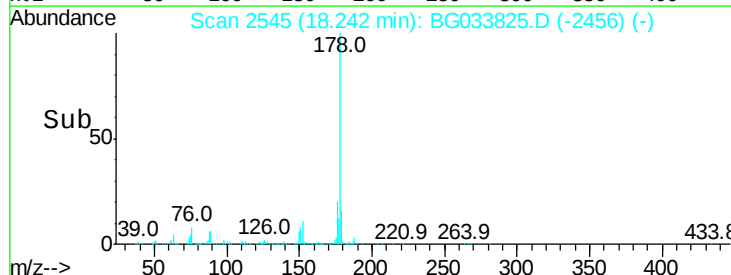
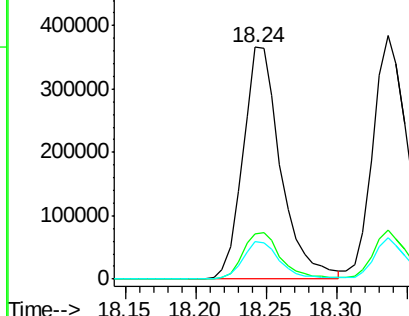


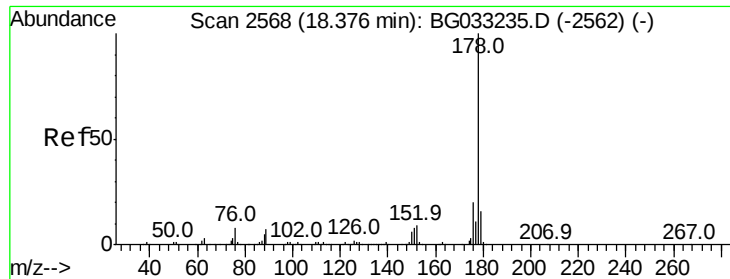
#70
 Phenanthrene
 Concen: 44.898 ng
 RT: 18.24 min Scan# 2545
 Delta R.T. -0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	16.1	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

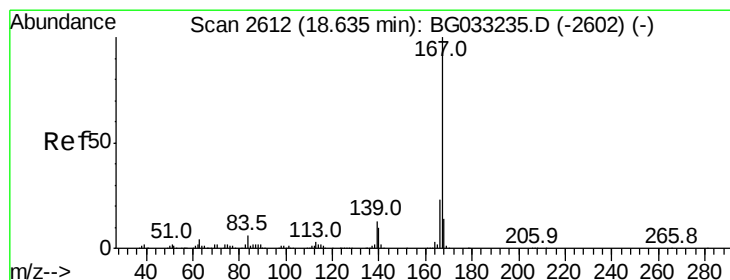
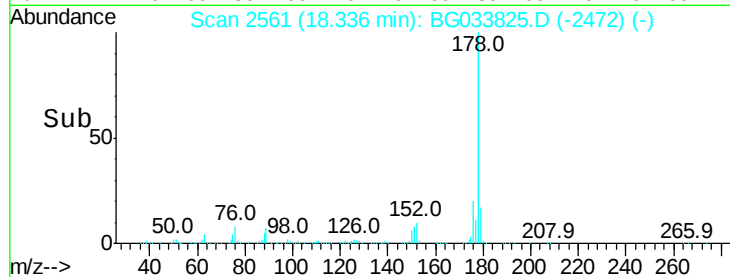
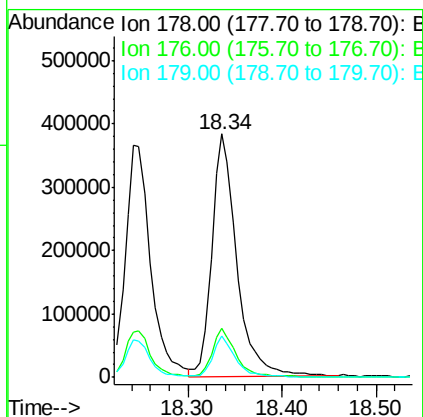
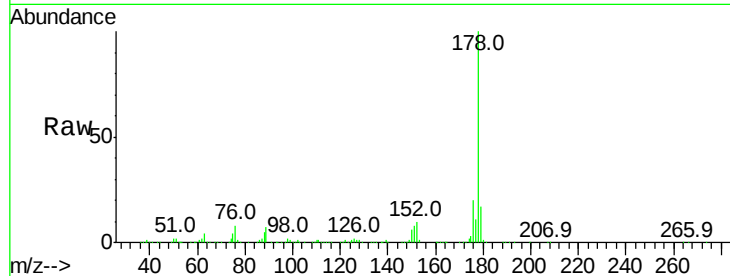




#71
 Anthracene
 Concen: 45.478 ng
 RT: 18.34 min Scan# 2561
 Delta R.T. -0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

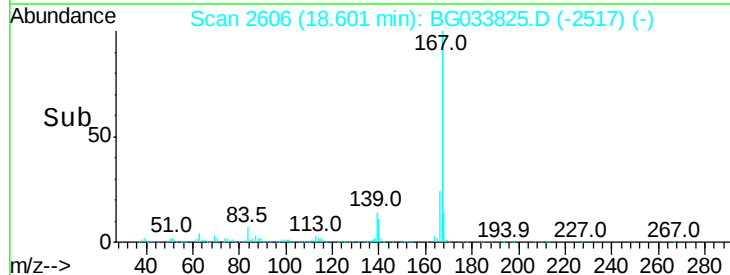
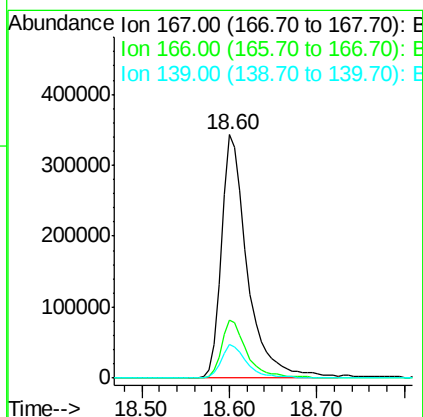
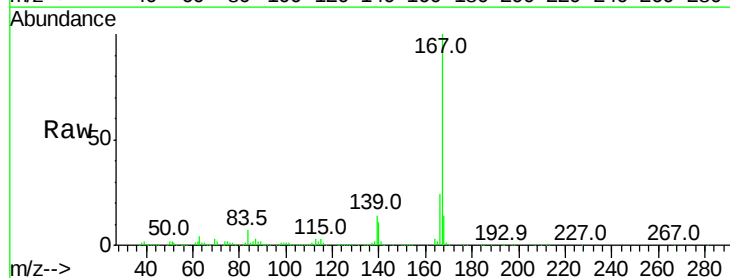
Instrument :
 BNA_G
 ClientSampleId :

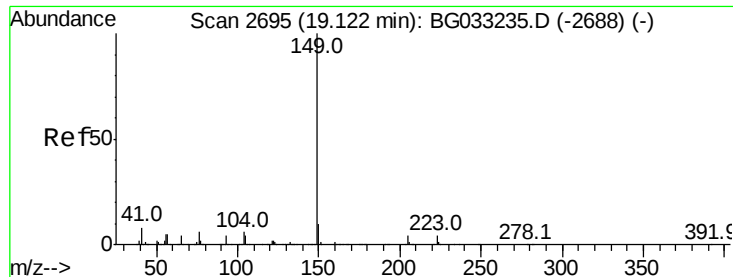
Tot Ion:178 Resp: 705104
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.0 24.0
 179 16.8 12.5 18.7



#72
 Carbazole
 Concen: 51.095 ng
 RT: 18.60 min Scan# 2606
 Delta R.T. -0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Tgt Ion:167 Resp: 701989
 Ion Ratio Lower Upper
 167 100
 166 23.7 18.2 27.4
 139 13.6 9.4 14.2





#73

Di-n-butylphthalate

Concen: 52.554 ng

RT: 19.08 min Scan# 2688

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

ClientSampleId :

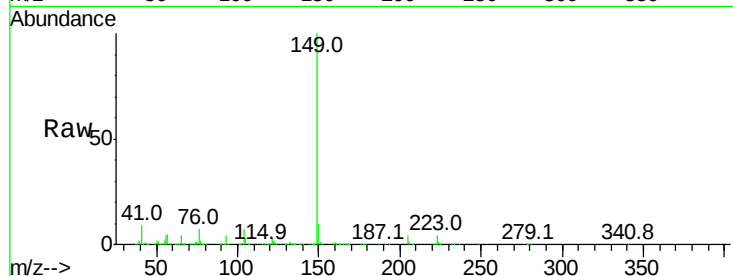
Tot Ion:149 Resp: 840414

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

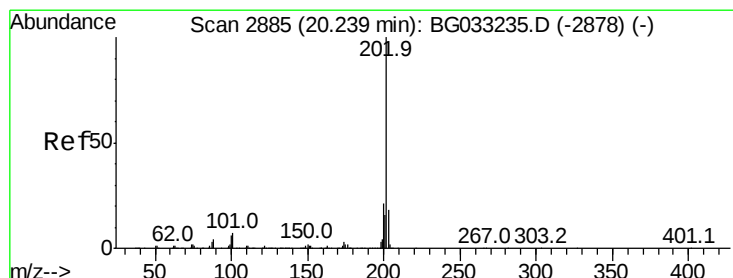
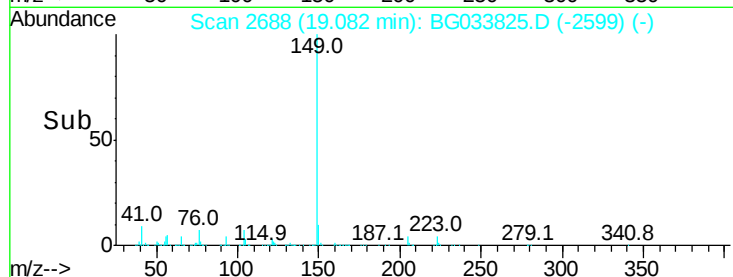
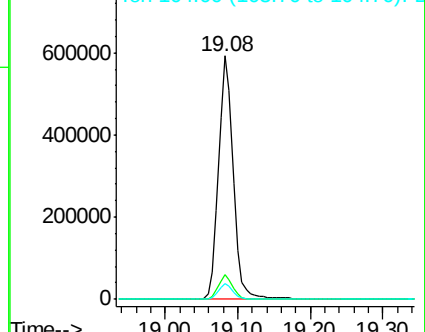
104 6.7 3.9 5.9#



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: 48.241 ng

RT: 20.20 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

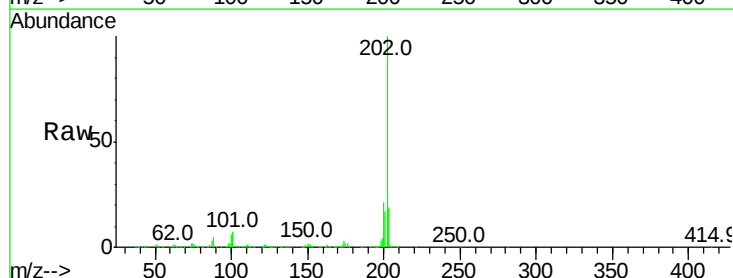
Tgt Ion:202 Resp: 914109

Ion Ratio Lower Upper

202 100

101 7.2 0.0 28.9

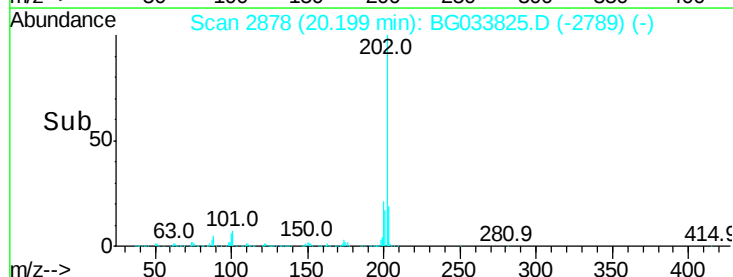
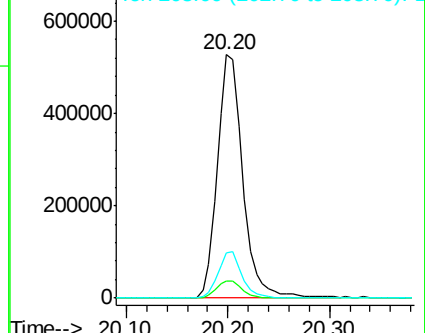
203 18.6 0.0 37.5

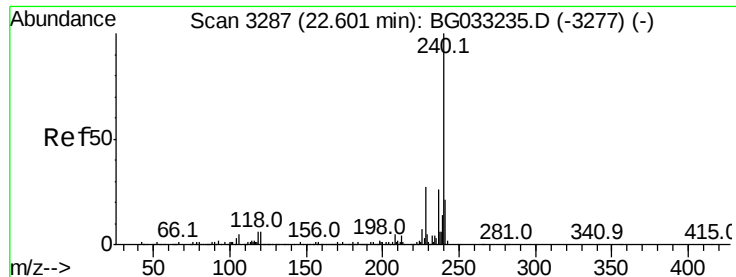


Abundance Ion 202.00 (201.70 to 202.70): E

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: 22.55 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

ClientSampleId :

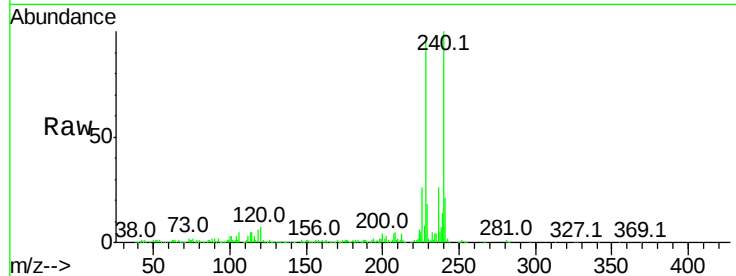
Tot Ion:240 Resp: 312755

Ion Ratio Lower Upper

240 100

120 6.7 6.8 10.2#

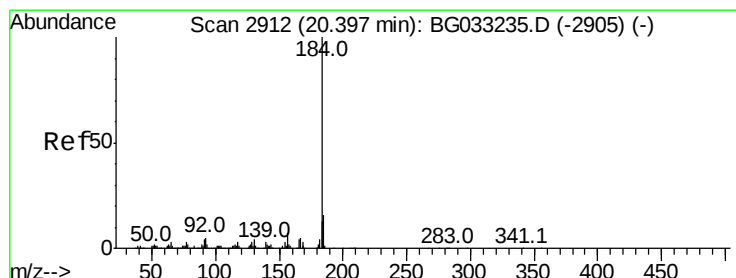
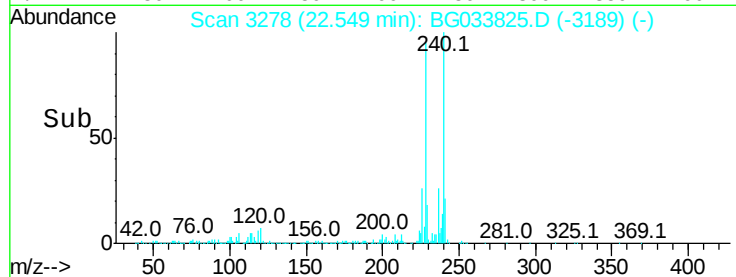
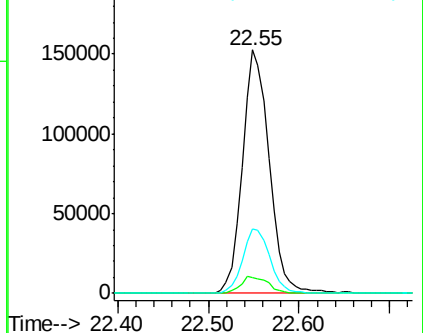
236 26.4 20.9 31.3



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: 35.498 ng

RT: 20.37 min Scan# 2907

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

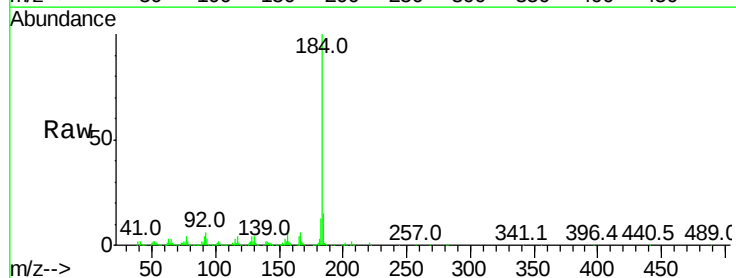
Tgt Ion:184 Resp: 301072

Ion Ratio Lower Upper

184 100

185 15.1 11.1 16.7

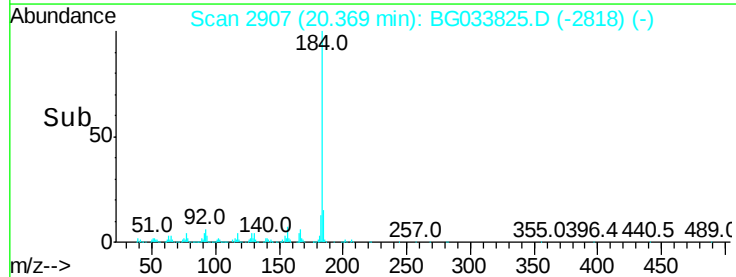
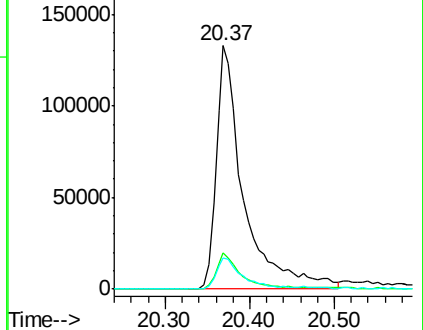
183 12.8 10.6 16.0

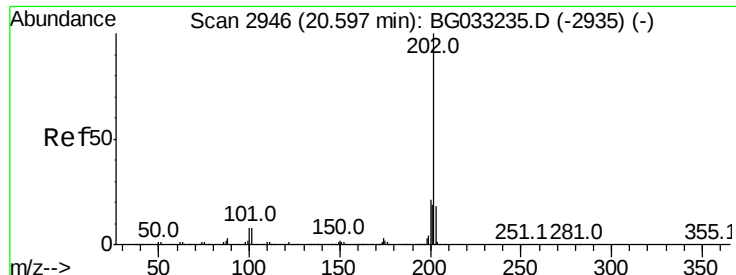


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

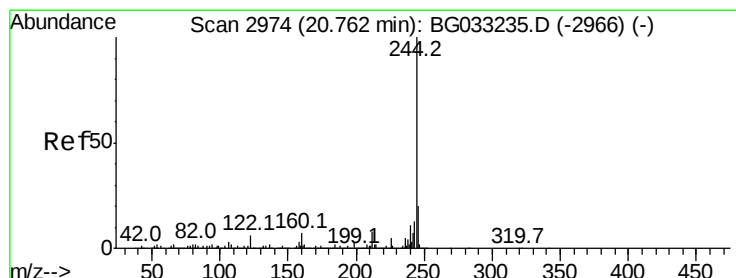
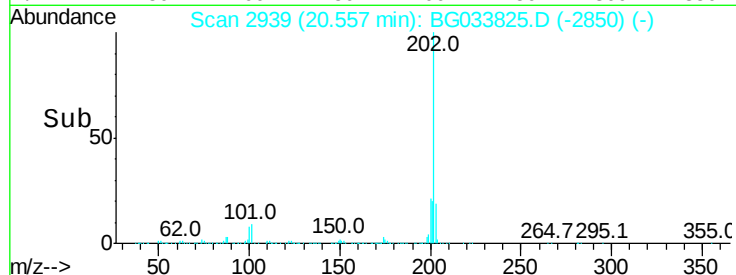
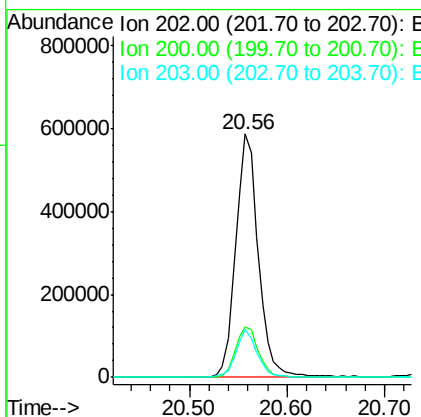
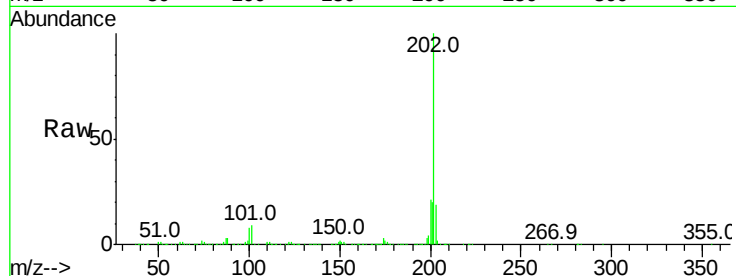




#77
Pvrene
Concen: 45.279 ng
RT: 20.56 min Scan# 2939
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

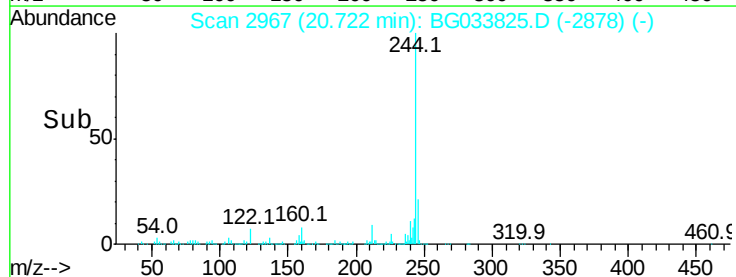
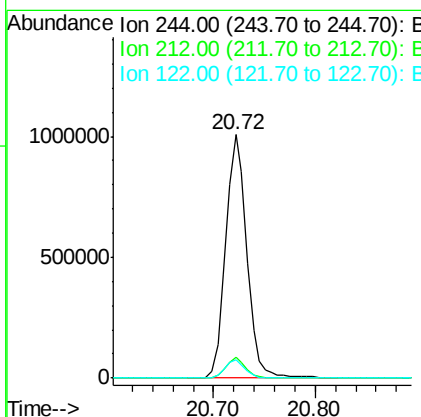
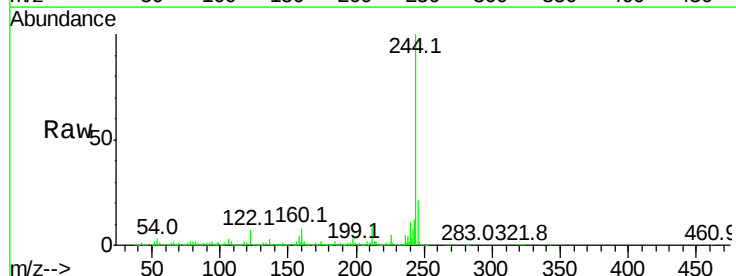
Instrument :
BNA_G
ClientSampleId :

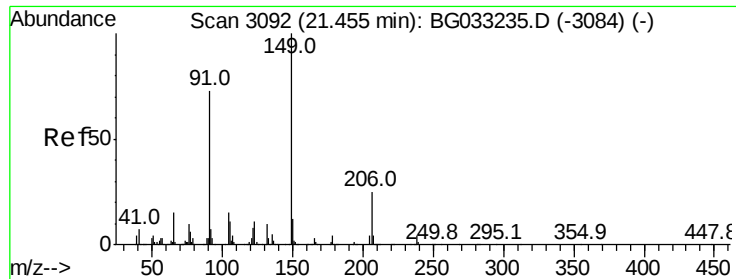
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	19.4	13.9	20.9



#78
Terphenyl-d14
Concen: 99.724 ng
RT: 20.72 min Scan# 2967
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	7.4	7.0	10.4

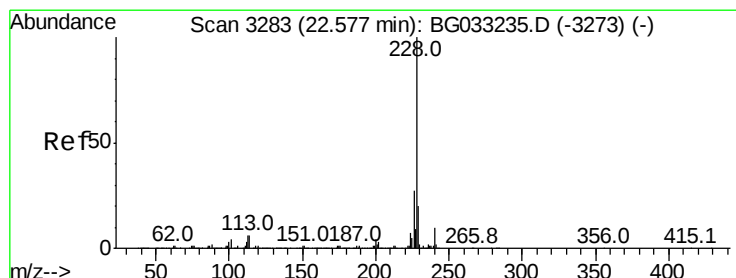
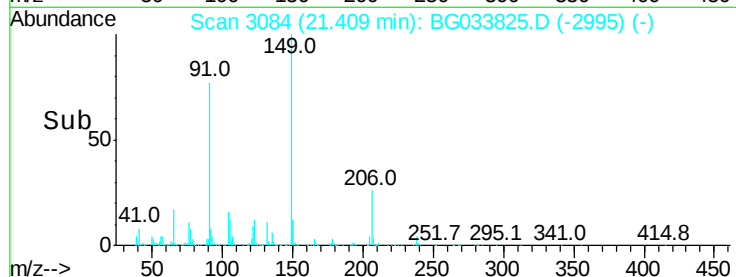
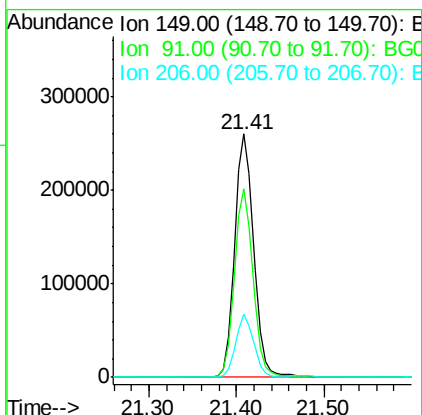
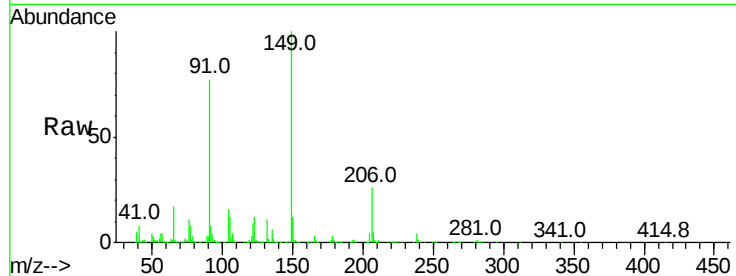




#79
Butylbenzylphthalate
Concen: 49.568 ng
RT: 21.41 min Scan# 3084
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

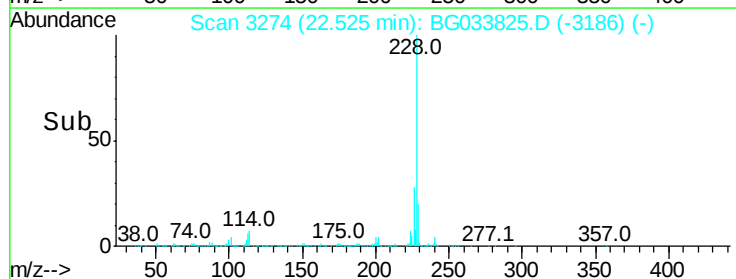
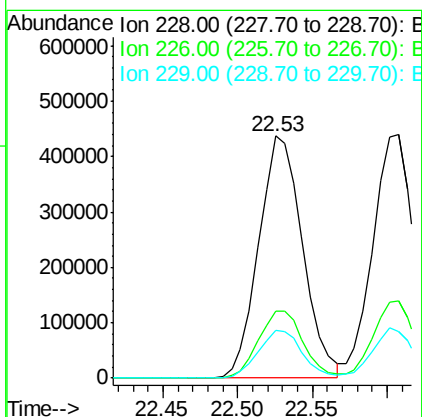
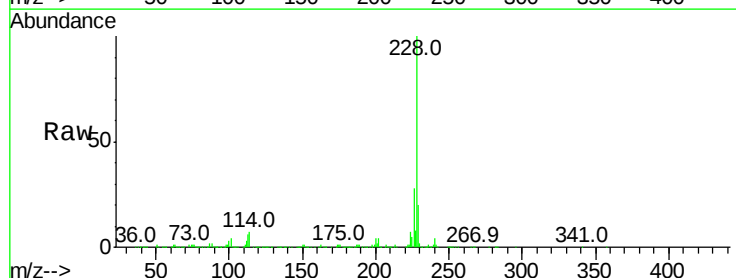
Instrument :
BNA_G
ClientSampleId :

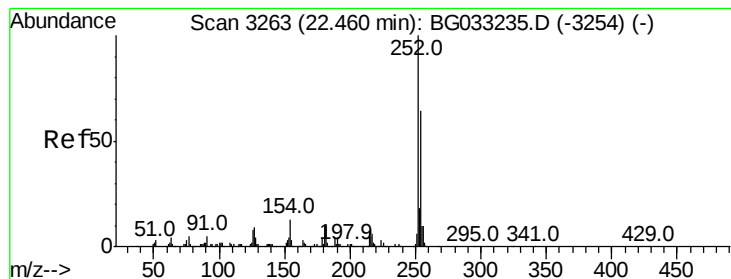
Tot Ion:149 Resp: 381548
Ion Ratio Lower Upper
149 100
91 77.4 62.2 93.2
206 25.8 18.6 27.8



#80
Benzo(a)anthracene
Concen: 44.658 ng
RT: 22.53 min Scan# 3274
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion:228 Resp: 889360
Ion Ratio Lower Upper
228 100
226 27.6 22.7 34.1
229 19.8 16.2 24.2





#81

3,3'-Dichlorobenzidine

Concen: 25.048 ng

RT: 22.42 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

ClientSampleId :

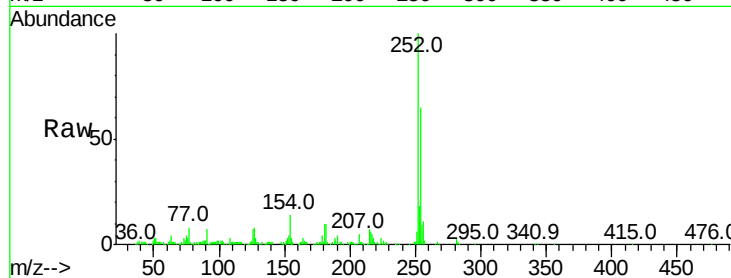
Tot Ion:252 Resp: 177507

Ion Ratio Lower Upper

252 100

254 65.2 50.8 76.2

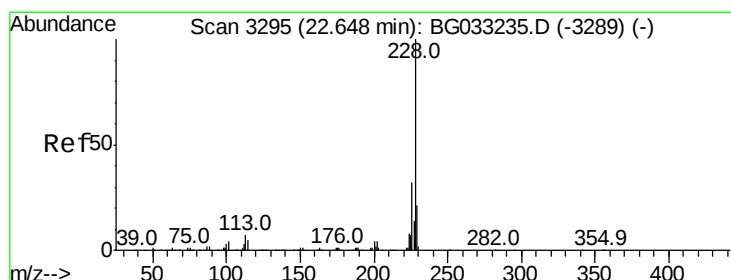
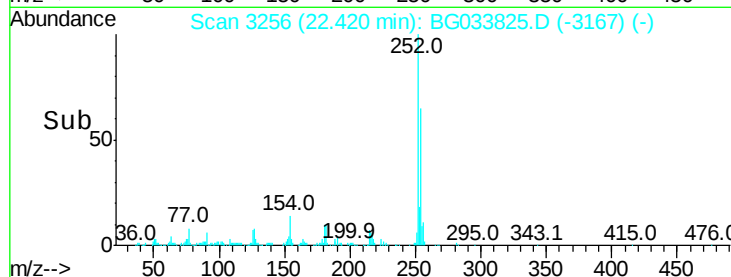
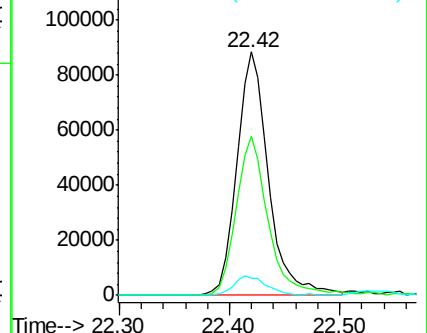
126 7.0 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 45.296 ng

RT: 22.61 min Scan# 3288

Delta R.T. 0.00 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

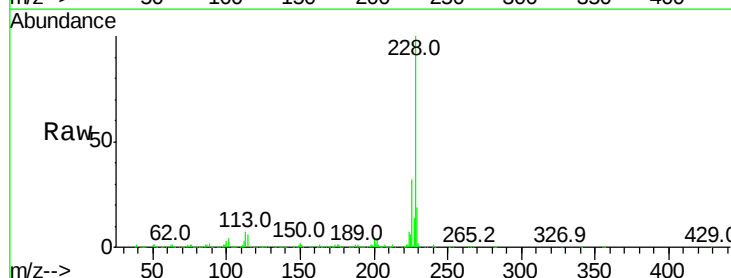
Tgt Ion:228 Resp: 873202

Ion Ratio Lower Upper

228 100

226 31.5 24.9 37.3

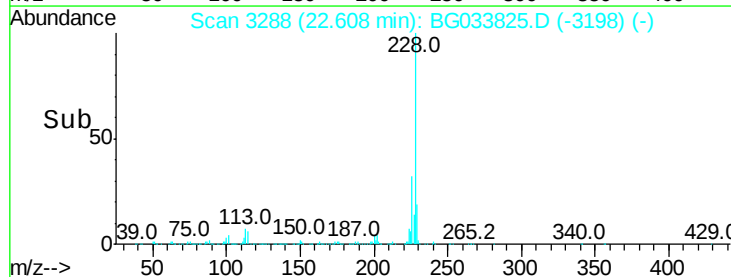
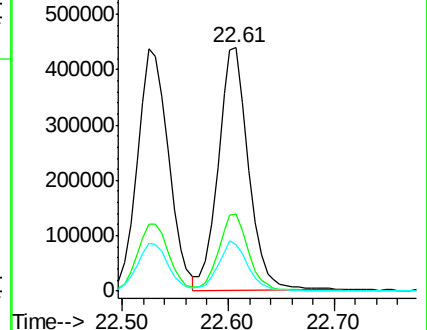
229 19.3 15.0 22.4

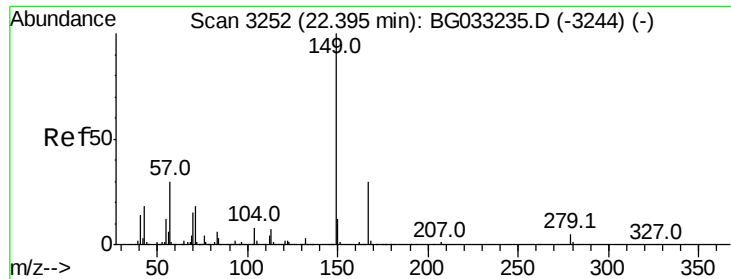


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

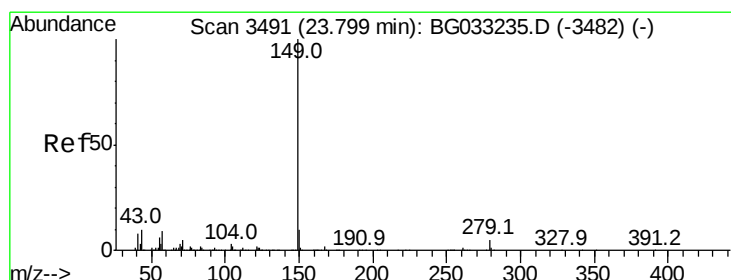
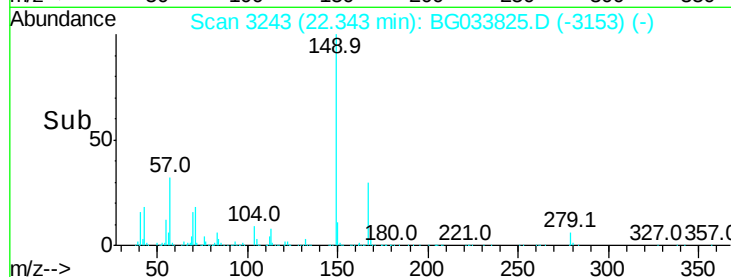
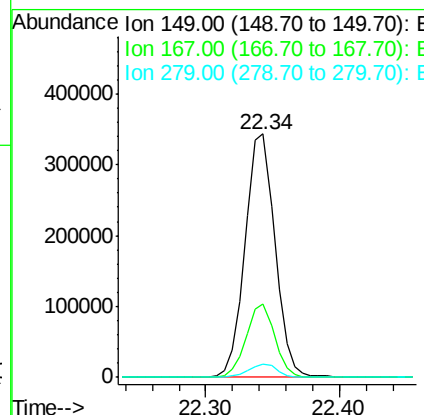
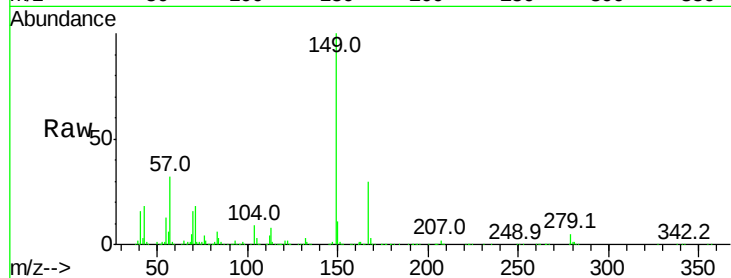




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.923 ng
 RT: 22.34 min Scan# 3243
 Delta R.T. 0.00 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

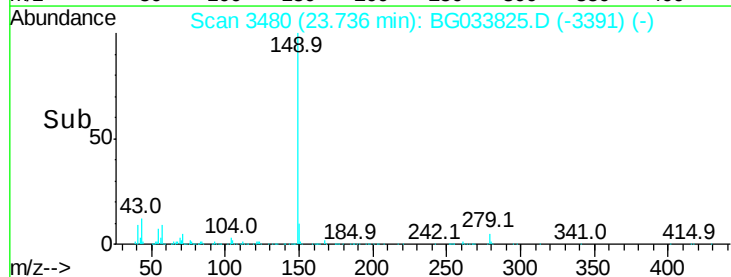
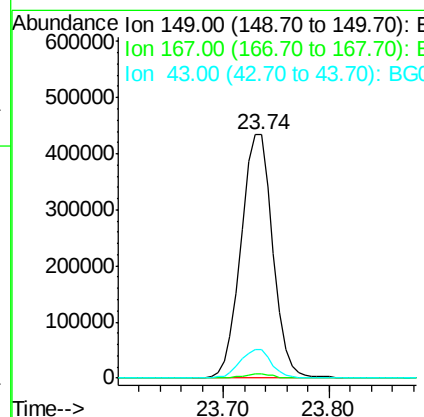
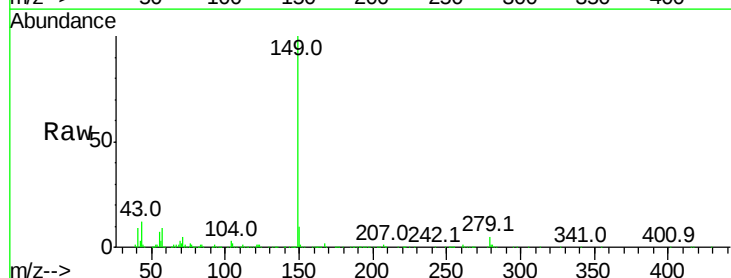
Instrument :
 BNA_G
 ClientSampleId :

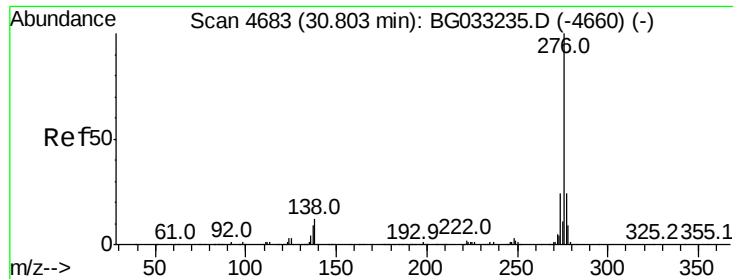
Tot Ion:149 Resp: 529734
 Ion Ratio Lower Upper
 149 100
 167 29.9 24.3 36.5
 279 5.5 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 55.522 ng
 RT: 23.74 min Scan# 3480
 Delta R.T. -0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Tgt Ion:149 Resp: 902048
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 11.5 8.9 13.3

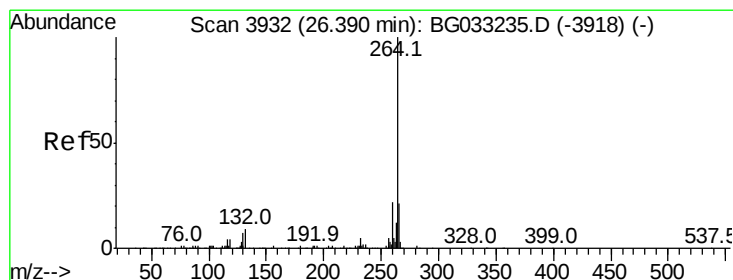
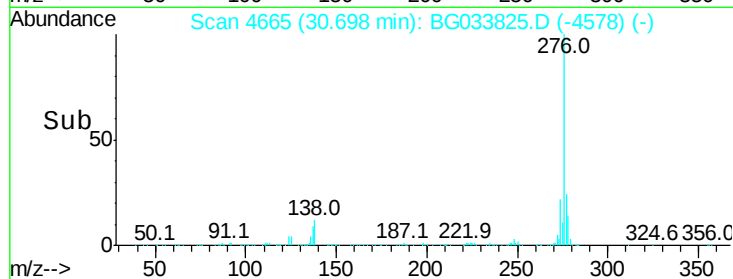
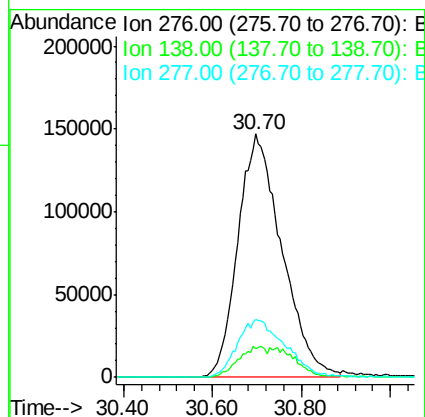
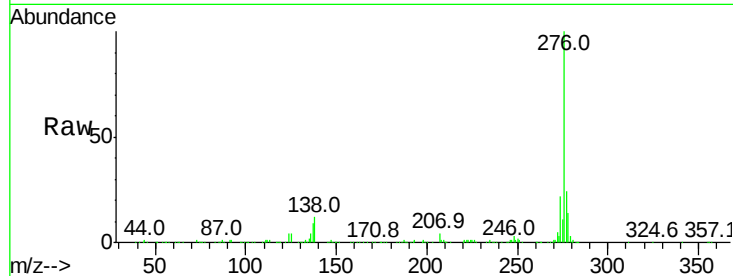




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.091 ng
 RT: 30.70 min Scan# 4665
 Delta R.T. -0.02 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

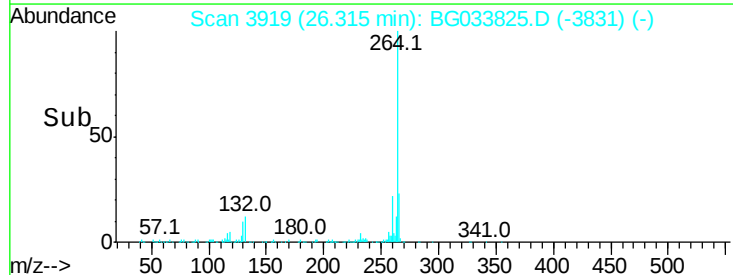
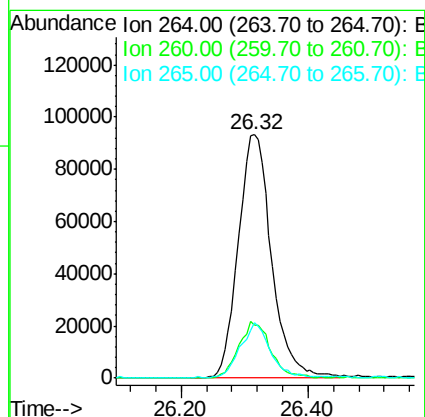
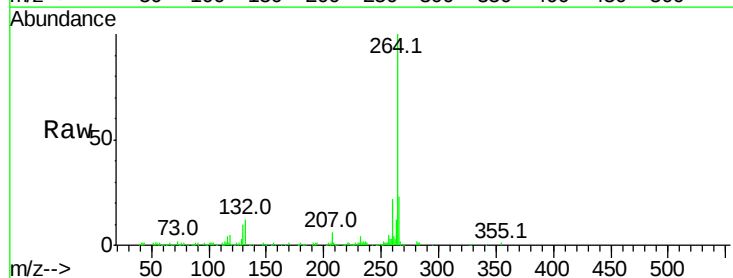
Instrument :
 BNA_G
 ClientSampleId :

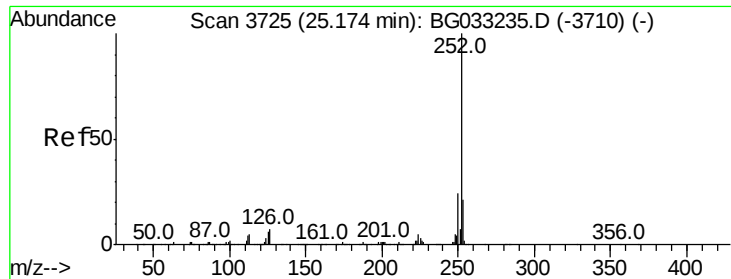
Tot Ion:276 Resp: 1002352
 Ion Ratio Lower Upper
 276 100
 138 7.9 16.0 24.0#
 277 25.7 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3919
 Delta R.T. -0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Tgt Ion:264 Resp: 339741
 Ion Ratio Lower Upper
 264 100
 260 21.8 17.4 26.0
 265 22.8 17.7 26.5

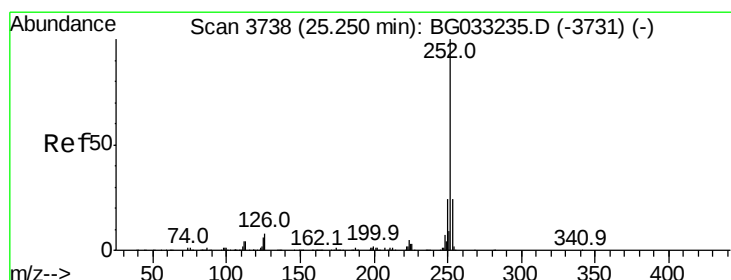
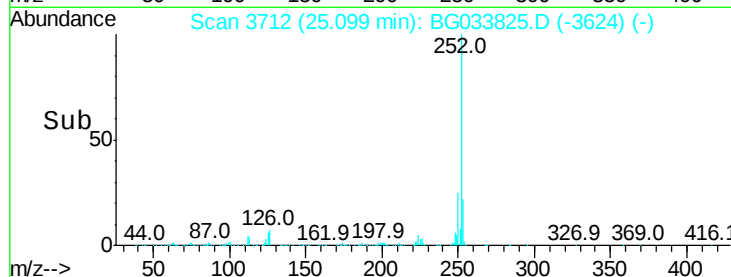
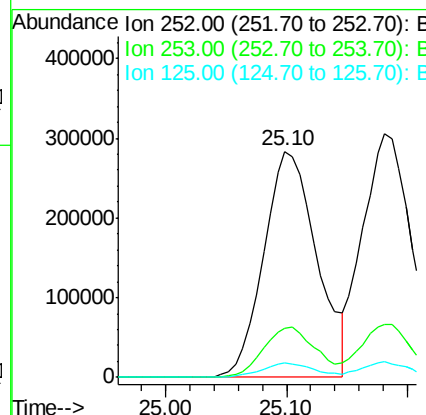
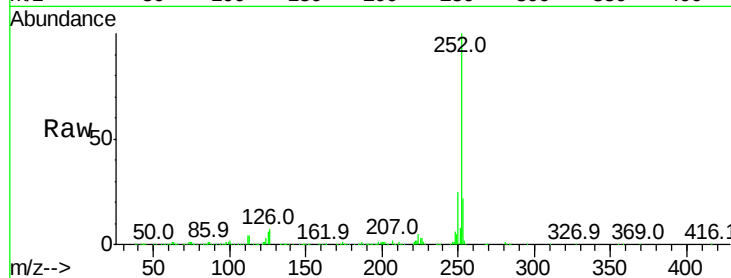




#87
Benzo(b)fluoranthene
Concen: 43.937 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

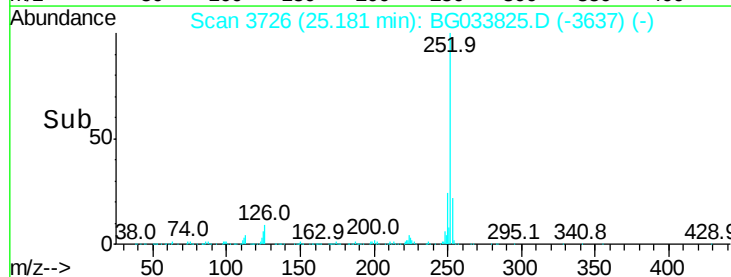
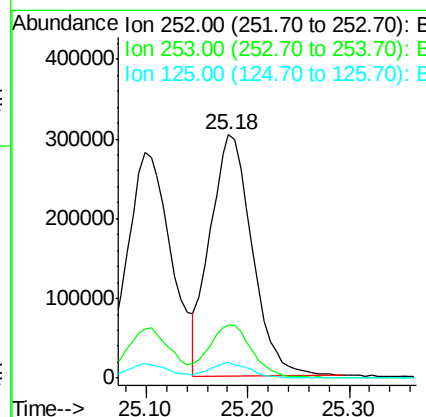
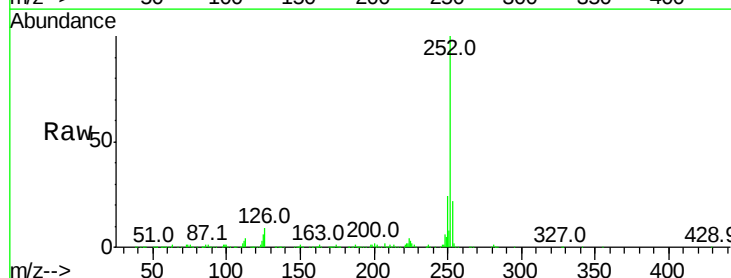
Instrument :
BNA_G
ClientSampleId :

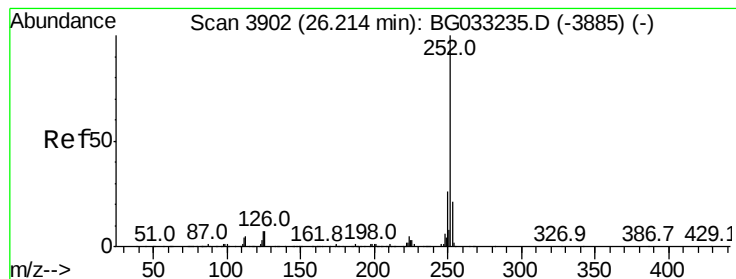
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	6.3	7.2	10.8#



#88
Benzo(k)fluoranthene
Concen: 43.943 ng
RT: 25.18 min Scan# 3726
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	6.3	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 45.786 ng

RT: 26.14 min Scan# 3889

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

ClientSampleId :

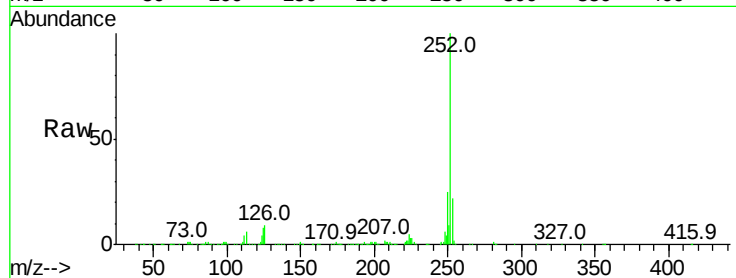
Tot Ion:252 Resp: 863057

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.3	27.5
125	7.9	7.3	10.9

252 100

253 22.4 18.3 27.5

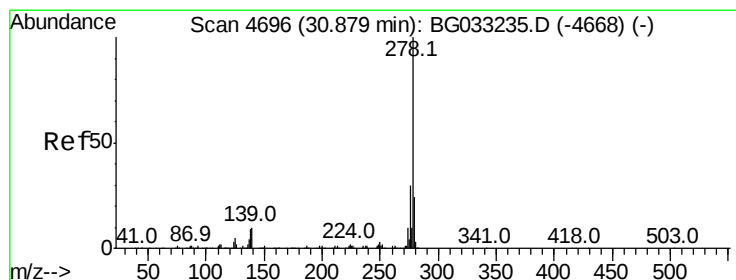
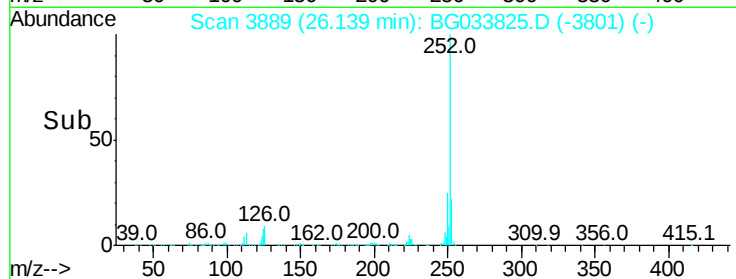
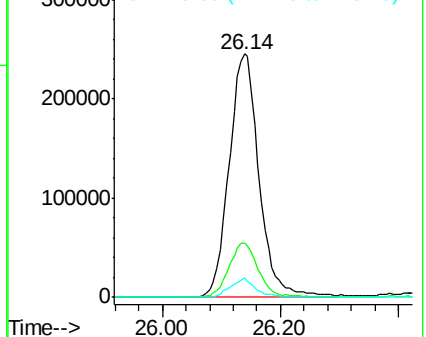
125 7.9 7.3 10.9



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: 46.924 ng

RT: 30.77 min Scan# 4677

Delta R.T. -0.02 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

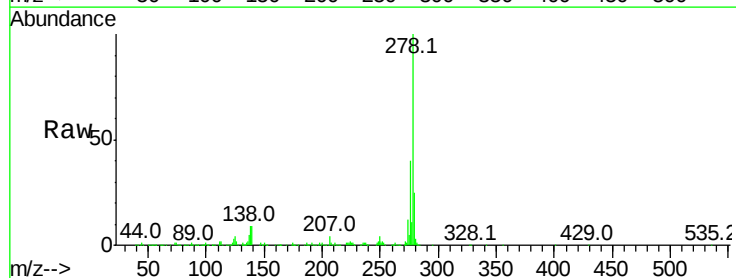
Tgt Ion:278 Resp: 833171

Ion	Ratio	Lower	Upper
278	100		
139	9.2	9.8	14.6#
279	24.6	18.4	27.6

278 100

139 9.2 9.8 14.6#

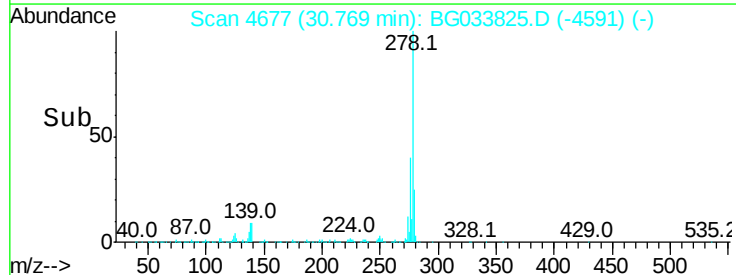
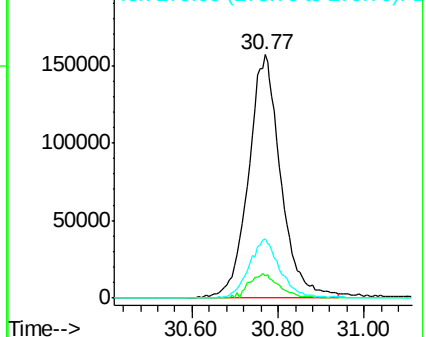
279 24.6 18.4 27.6

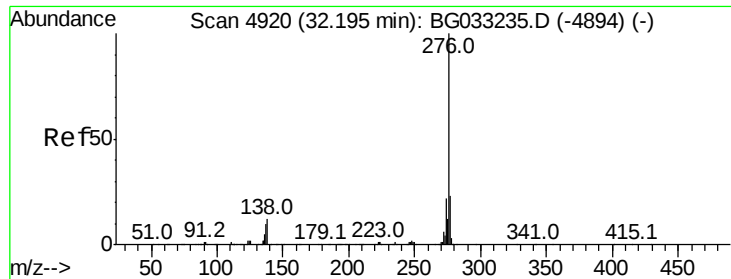


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

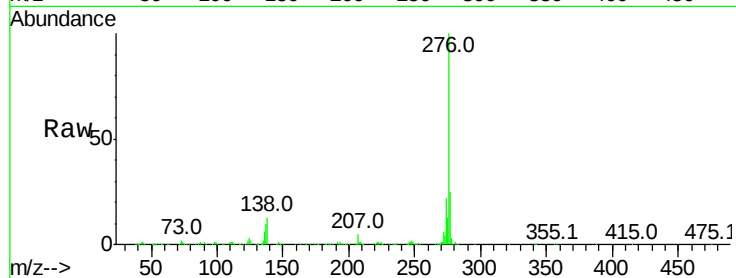




#91
 Benzo(a,h,i)perylene
 Concen: 47.006 ng
 RT: 32.07 min Scan# 4899
 Delta R.T. -0.02 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.3	27.5
138	13.3	13.9	20.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

