

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
 Data File : BG031824.D
 Acq On : 28 Dec 2017 14:27
 Operator : SJ/JU
 Sample : PB105379BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 28 15:50:47 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	51300	20.00	ng	-0.04
21) Naphthalene-d8	11.69	136	214065	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	147853	20.00	ng	-0.03
63) Phenanthrene-d10	18.16	188	364084	20.00	ng	-0.04
75) Chrysene-d12	22.52	240	418894	20.00	ng	-0.05
86) Perylene-d12	26.27	264	464607	20.00	ng	-0.09

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.23	112	438422	155.66	ng	-0.02
7) Phenol-d6	7.91	99	548861	150.09	ng	-0.02
23) Nitrobenzene-d5	10.00	82	294021	103.72	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	353227	156.57	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	1057359	89.76	ng	-0.03
78) Terphenyl-d14	20.70	244	1768137	96.43	ng	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.87	88	42167	40.387	ng	# 73
3) Pyridine	4.32	79	117503	42.104	ng	# 77
4) n-Nitrosodimethylamine	4.23	42	48893	43.416	ng	# 73
6) Aniline	8.09	93	71715	15.243	ng	# 92
8) 2-Chlorophenol	8.35	128	165941	50.791	ng	# 81
9) Benzaldehyde	8.32	77	10350	4.700	ng	93
10) Phenol	7.94	94	185649	50.285	ng	92
11) bis(2-Chloroethyl)ether	8.19	93	129757	42.320	ng	# 79
12) 1,3-Dichlorobenzene	8.69	146	180689	44.535	ng	# 93
13) 1,4-Dichlorobenzene	8.84	146	185124	44.667	ng	92
14) 1,2-Dichlorobenzene	9.18	146	176407	44.921	ng	97
15) Benzyl Alcohol	9.03	79	128388	46.769	ng	87
16) 2,2'-oxybis(1-Chloropropan	9.33	45	130553	52.286	ng	82
17) 2-Methylphenol	9.23	107	133329	50.472	ng	96
18) Hexachloroethane	9.93	117	56586	45.080	ng	# 82
19) n-Nitroso-di-n-propylamine	9.62	70	99632	39.895	ng	# 80
20) 3+4-Methylphenols	9.57	107	182853	48.703	ng	94
22) Acetophenone	9.65	105	226255	45.493	ng	# 87
24) Nitrobenzene	10.04	77	144901	49.595	ng	# 82
25) Isophorone	10.57	82	278960	45.712	ng	# 83
26) 2-Nitrophenol	10.77	139	94052	61.396	ng	# 80
27) 2,4-Dimethylphenol	10.81	122	170645	52.937	ng	91
28) bis(2-Chloroethoxy)methane	11.06	93	180636	44.113	ng	97
29) 2,4-Dichlorophenol	11.31	162	194317	51.348	ng	91
30) 1,2,4-Trichlorobenzene	11.54	180	205340	44.440	ng	97
31) Naphthalene	11.74	128	486391	45.022	ng	98
32) Benzoic acid	10.93	122	106994	48.579	ng	# 76
33) 4-Chloroaniline	11.83	127	66604	13.848	ng	# 89
34) Hexachlorobutadiene	12.01	225	140184	44.192	ng	96
35) Caprolactam	12.59	113	61268	53.412	ng	# 43
36) 4-Chloro-3-methylphenol	12.90	107	173855	49.743	ng	# 78
37) 2-Methylnaphthalene	13.30	142	404050	46.136	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	278398	44.703	ng	# 95
40) Hexachlorocyclopentadiene	13.63	237	366104	111.435	ng	90

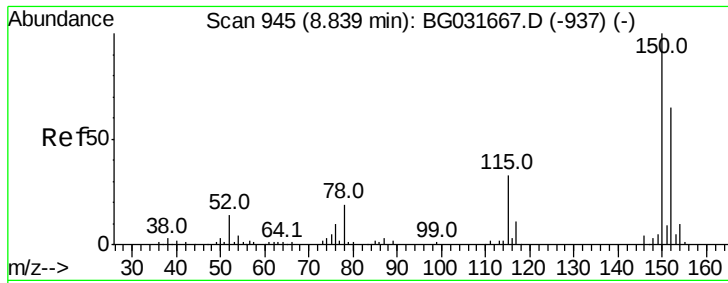
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	177012	49.298	ng	99
43) 2,4,5-Trichlorophenol	13.95	196	193129	48.535	ng #	91
45) 1,1'-Biphenyl	14.28	154	572331	45.322	ng	94
46) 2-Chloronaphthalene	14.33	162	433454	45.001	ng	95
47) 2-Nitroaniline	14.51	65	90042	54.126	ng #	59
48) Acenaphthylene	15.16	152	663956	43.087	ng	99
49) Dimethylphthalate	14.86	163	568185	43.622	ng	98
50) 2,6-Dinitrotoluene	14.99	165	126811	52.923	ng #	67
51) Acenaphthene	15.50	154	466724	46.246	ng	97
52) 3-Nitroaniline	15.32	138	49951	21.367	ng #	71
53) 2,4-Dinitrophenol	15.52	184	100723	97.140	ng #	70
54) Dibenzofuran	15.83	168	694462	44.890	ng	98
55) 4-Nitrophenol	15.60	139	186938	98.248	ng #	67
56) 2,4-Dinitrotoluene	15.77	165	180010	58.423	ng #	62
57) Fluorene	16.47	166	552560	43.967	ng	98
58) 2,3,4,6-Tetrachlorophenol	16.04	232	201674	51.947	ng #	85
59) Diethylphthalate	16.21	149	542816	42.757	ng	96
60) 4-Chlorophenyl-phenylether	16.45	204	336331	43.738	ng	92
61) 4-Nitroaniline	16.47	138	99360	43.554	ng	80
62) Azobenzene	16.74	77	358442	44.026	ng	83
64) 4,6-Dinitro-2-methylphenol	16.53	198	84049	47.548	ng #	65
65) n-Nitrosodiphenylamine	16.66	169	516108	42.681	ng	99
66) 4-Bromophenyl-phenylether	17.34	248	240776	45.733	ng	96
67) Hexachlorobenzene	17.47	284	250495	46.543	ng #	91
68) Atrazine	17.58	200	222951	47.417	ng	99
69) Pentachlorophenol	17.80	266	325339	87.884	ng	99
70) Phenanthrene	18.21	178	915726	44.443	ng	99
71) Anthracene	18.30	178	939883	45.220	ng	99
72) Carbazole	18.56	167	818357	44.485	ng	99
73) Di-n-butylphthalate	19.07	149	903412	44.189	ng	99
74) Fluoranthene	20.17	202	1154807	45.678	ng	96
76) Benzidine	20.33	184	252355	19.518	ng	97
77) Pyrene	20.53	202	1162451	43.444	ng	97
79) Butylbenzylphthalate	21.39	149	413647	46.051	ng #	76
80) Benzo(a)anthracene	22.49	228	1198991	44.996	ng	99
81) 3,3'-Dichlorobenzidine	22.38	252	207278	20.063	ng #	99
82) Chrysene	22.57	228	1127585	44.724	ng	98
83) Bis(2-ethylhexyl)phthalate	22.34	149	593022	45.569	ng #	97
84) Di-n-octyl phthalate	23.75	149	1028717	46.937	ng #	87
85) Indeno(1,2,3-cd)pyrene	30.63	276	1565602	48.404	ng #	86
87) Benzo(b)fluoranthene	25.06	252	1317180	45.672	ng #	97
88) Benzo(k)fluoranthene	25.14	252	1257579	43.572	ng #	97
89) Benzo(a)pyrene	26.09	252	1272763	46.080	ng #	97
90) Dibenzo(a,h)anthracene	30.71	278	1304307	45.723	ng #	96
91) Benzo(g,h,i)perylene	30.63	276	1565602	46.485	ng #	93

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

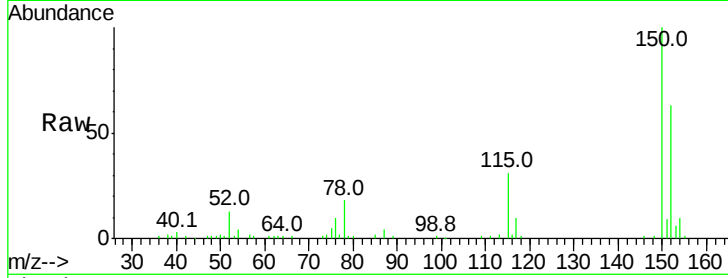


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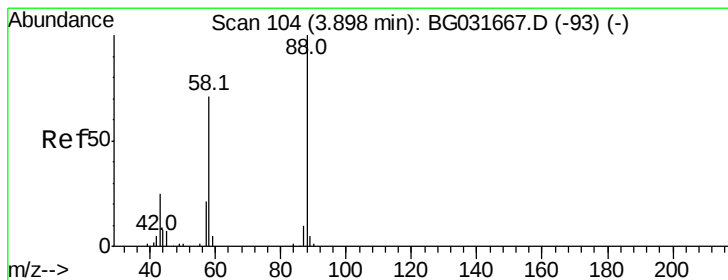
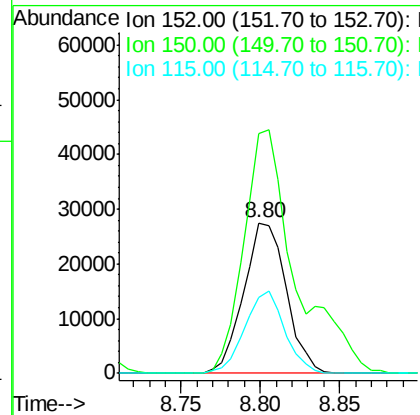
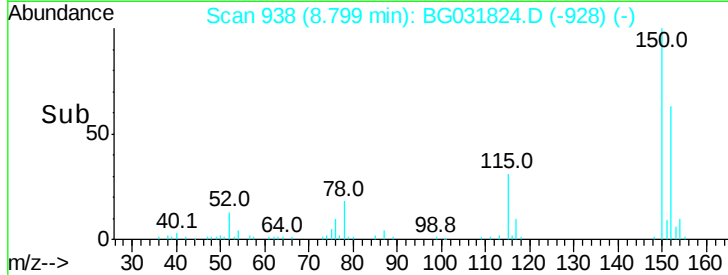
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.80 min Scan# 938
 Delta R.T. -0.04 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 51300
 Ion Ratio Lower Upper
 152 100
 150 159.3 126.6 189.8
 115 50.1 53.0 79.4#



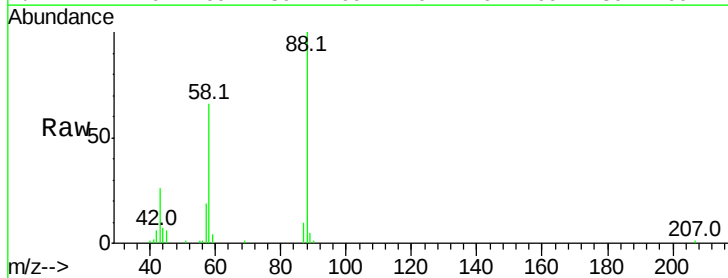
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



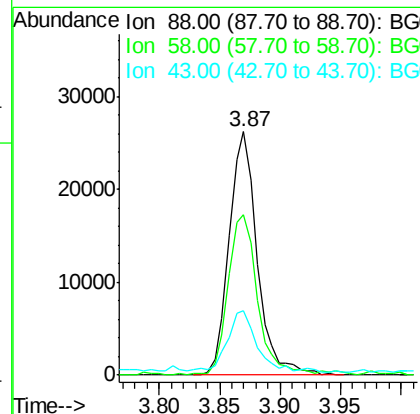
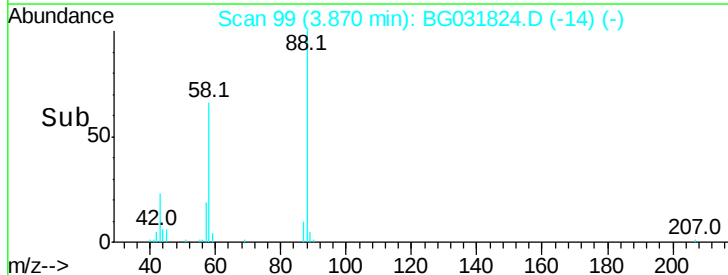
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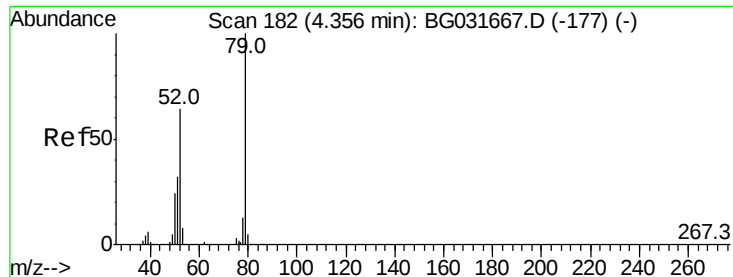
1,4-Dioxane
 Concen: 40.387 ng
 RT: 3.87 min Scan# 99
 Delta R.T. -0.03 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

Tgt Ion: 88 Resp: 42167
 Ion Ratio Lower Upper
 88 100
 58 69.6 79.6 119.4#
 43 24.0 27.4 41.0#



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





#3

Pvridine

Concen: 42.104 ng

RT: 4.32 min Scan# 176

Delta R.T. -0.03 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

Instrument :

BNA_G

ClientSampled :

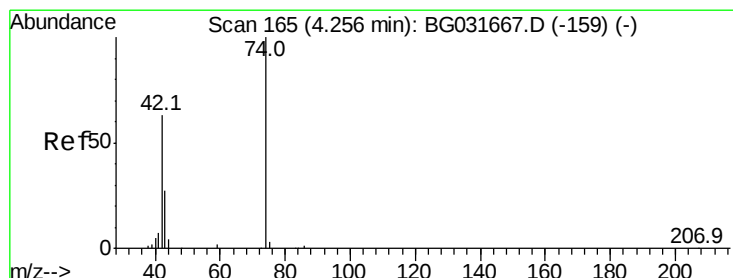
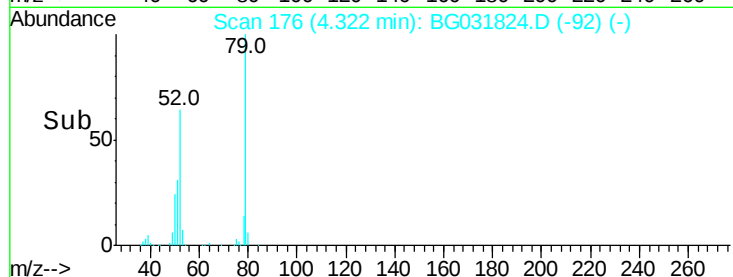
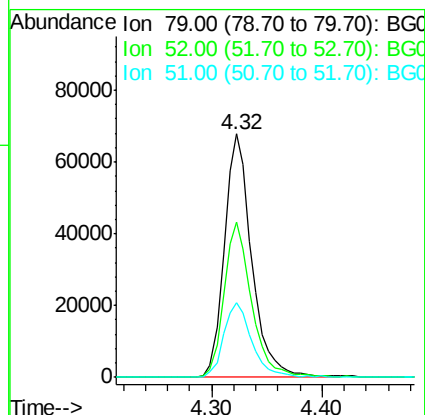
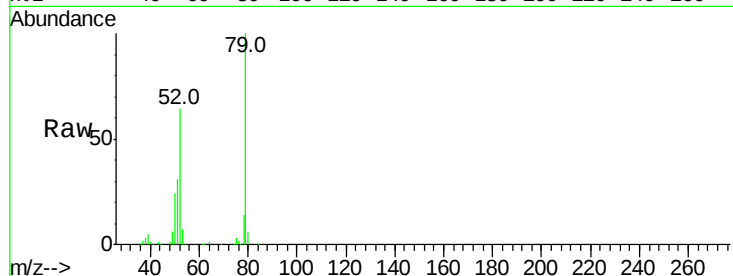
Tot Ion: 79 Resp: 117503

Ion Ratio Lower Upper

79 100

52 63.7 69.9 104.9#

51 30.8 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 43.416 ng

RT: 4.23 min Scan# 160

Delta R.T. -0.03 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

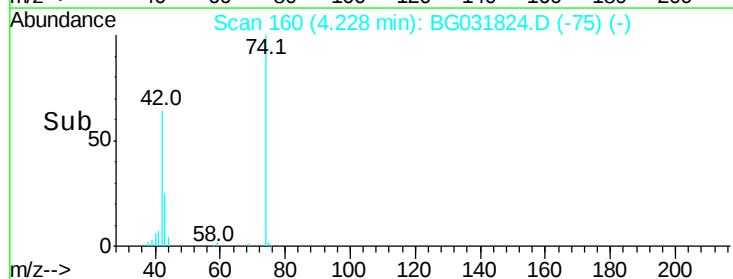
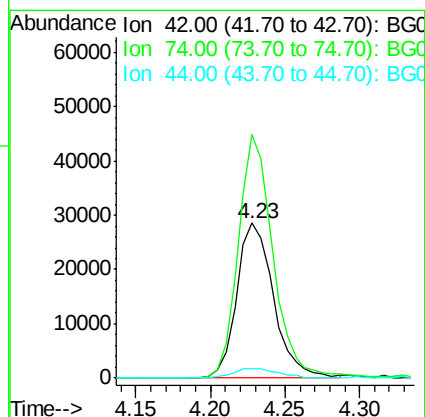
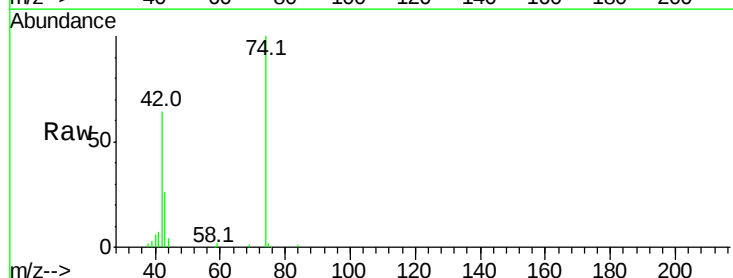
Tgt Ion: 42 Resp: 48893

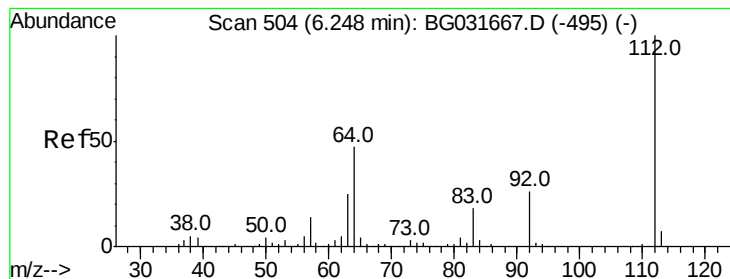
Ion Ratio Lower Upper

42 100

74 157.1 102.5 153.7#

44 6.4 18.9 28.3#





#5

2-Fluorophenol

Concen: 155.660 ng

RT: 6.23 min Scan# 500

Delta R.T. -0.02 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

Instrument :

BNA_G

ClientSampleId :

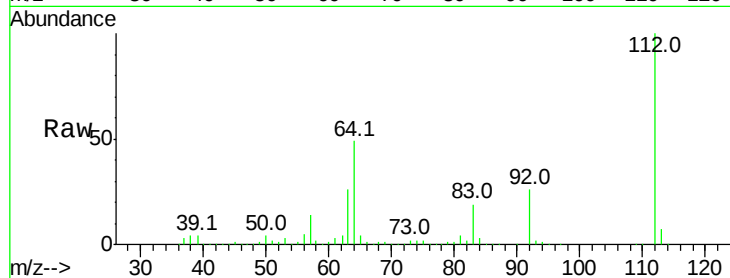
Tot Ion:112 Resp: 438422

Ion Ratio Lower Upper

112 100

64 48.7 56.3 84.5#

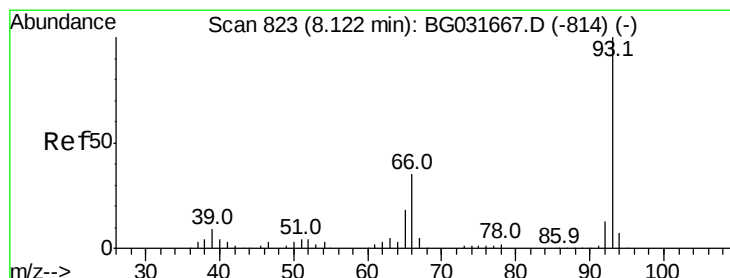
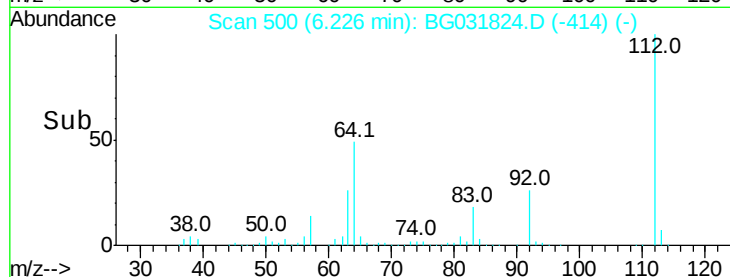
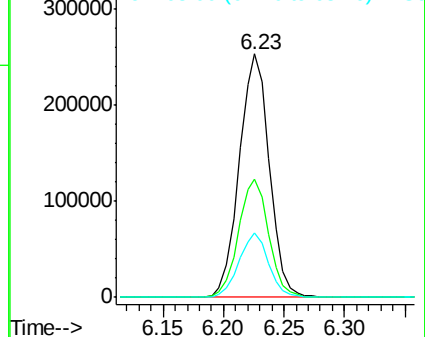
63 26.3 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.243 ng

RT: 8.09 min Scan# 818

Delta R.T. -0.03 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

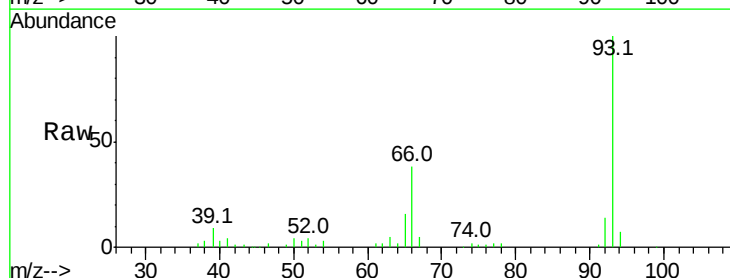
Tgt Ion: 93 Resp: 71715

Ion Ratio Lower Upper

93 100

66 37.8 33.7 50.5

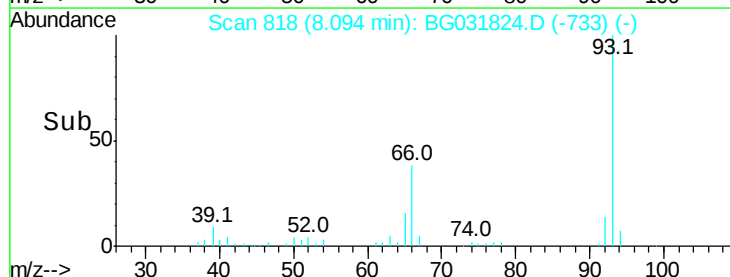
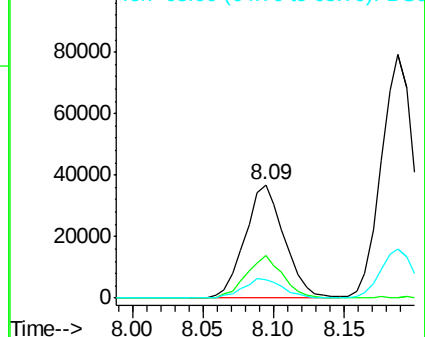
65 15.7 16.1 24.1#

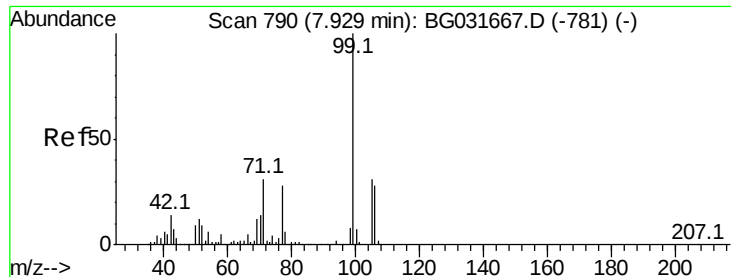


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 150.093 ng

RT: 7.91 min Scan# 787

Delta R.T. -0.02 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

Instrument :

BNA_G

ClientSampleId :

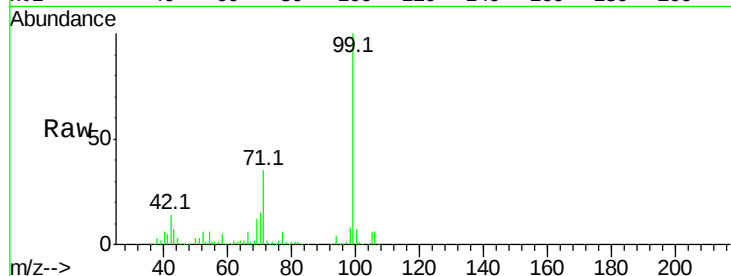
Tot Ion: 99 Resp: 548861

Ion Ratio Lower Upper

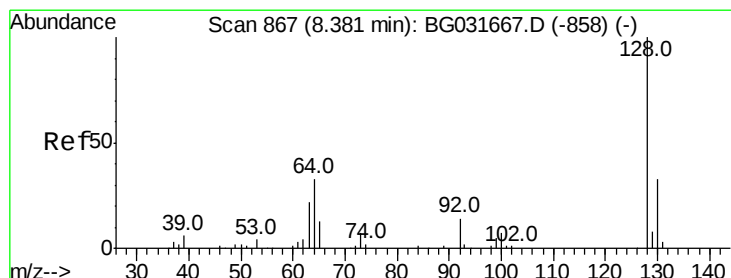
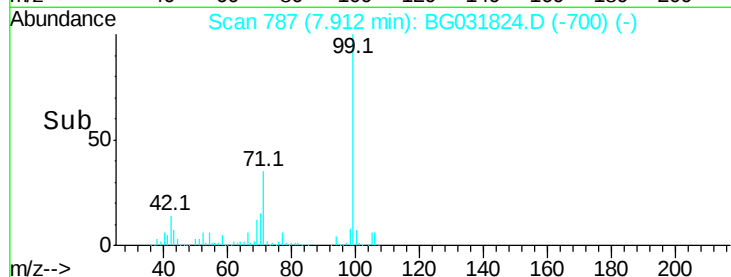
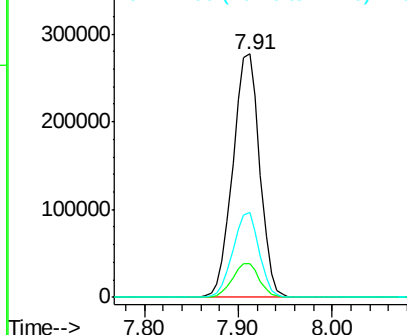
99 100

42 14.0 14.1 21.1#

71 35.1 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 50.791 ng

RT: 8.35 min Scan# 862

Delta R.T. -0.03 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

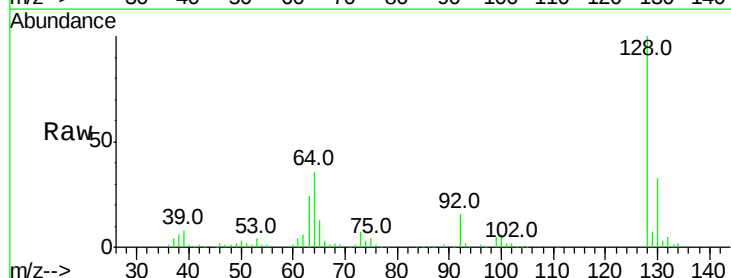
Tgt Ion:128 Resp: 165941

Ion Ratio Lower Upper

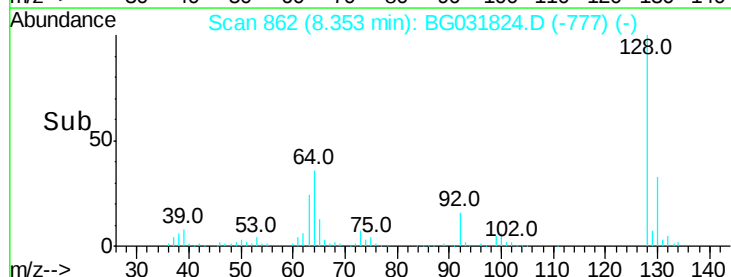
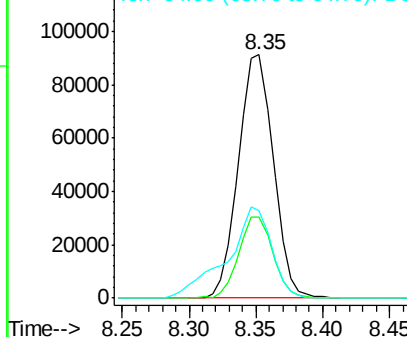
128 100

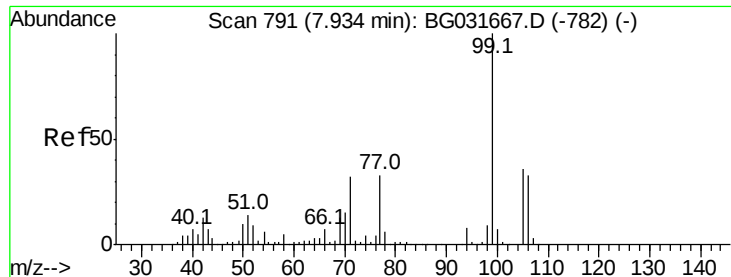
130 33.4 14.0 54.0

64 35.9 37.7 77.7#



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





#9

Benzaldehyde

Concen: 4.700 ng

RT: 8.32 min Scan# 856

Delta R.T. 0.38 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

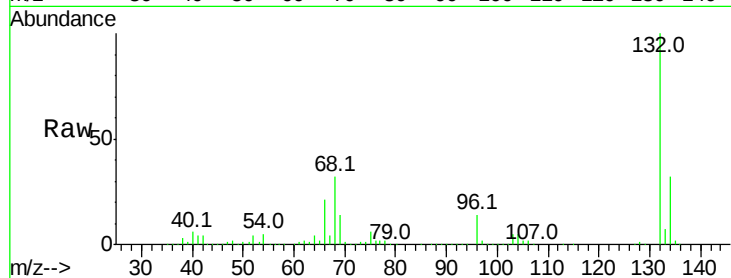
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 10350

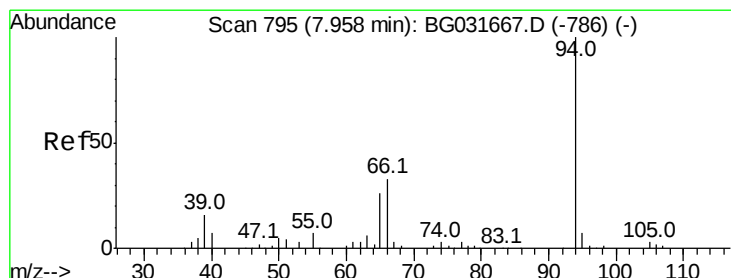
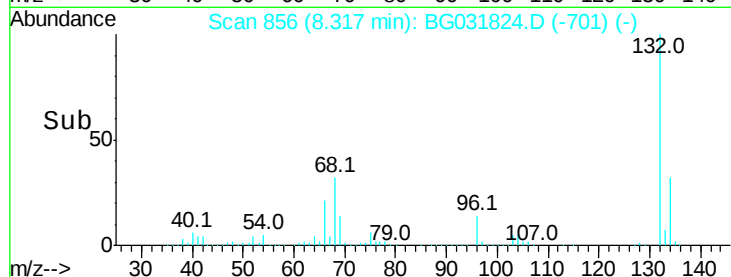
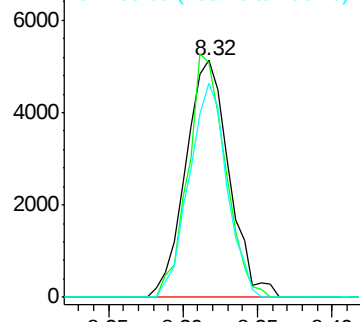
Ion	Ratio	Lower	Upper
77	100		
105	98.9	71.3	111.3
106	90.5	64.2	104.2



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: 50.285 ng

RT: 7.94 min Scan# 791

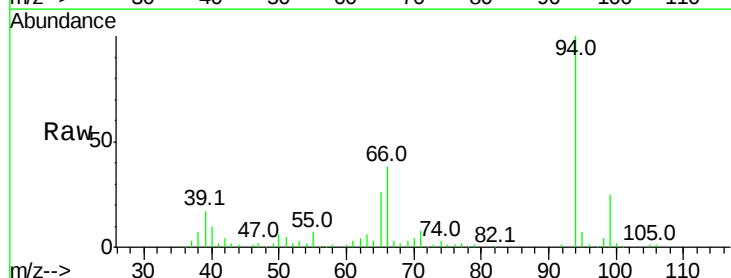
Delta R.T. -0.02 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

Tgt Ion: 94 Resp: 185649

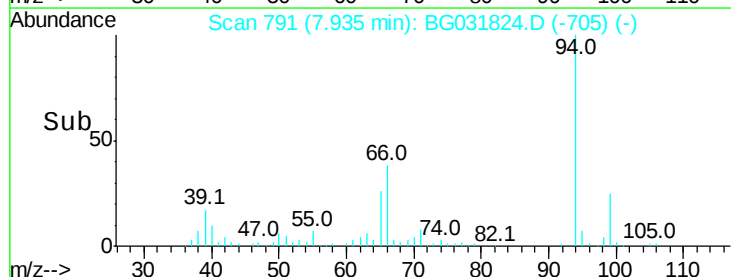
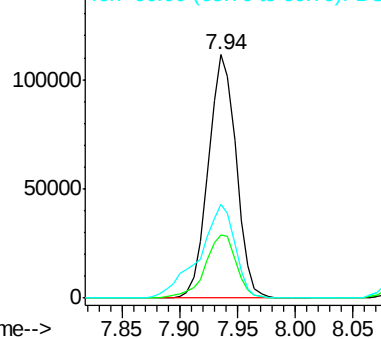
Ion	Ratio	Lower	Upper
94	100		
65	26.1	11.9	51.9
66	38.3	22.2	62.2

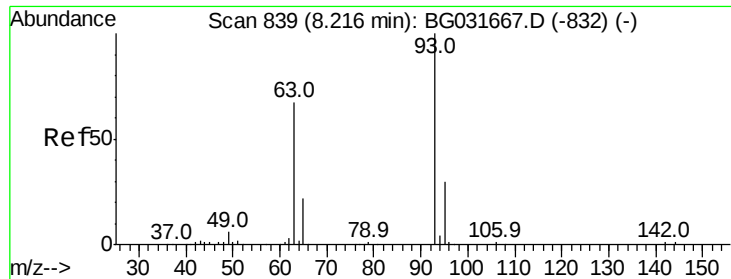


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

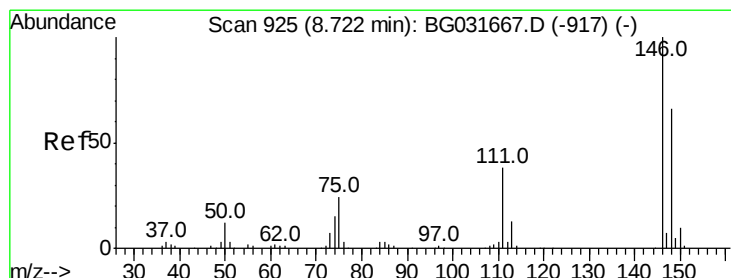
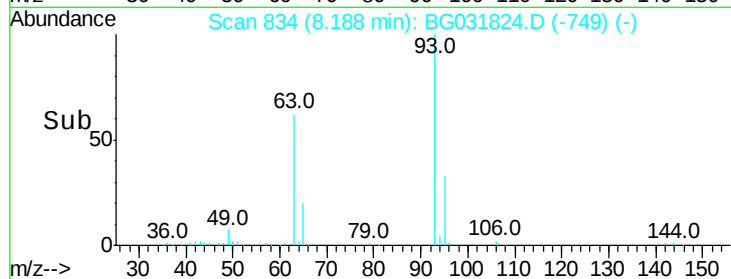
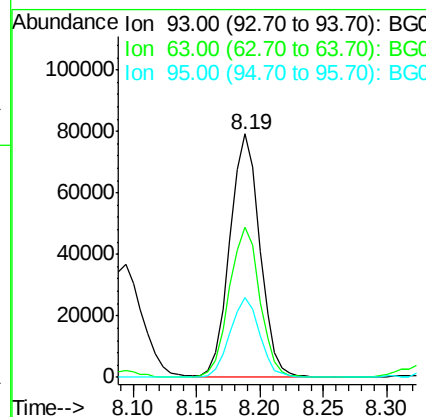
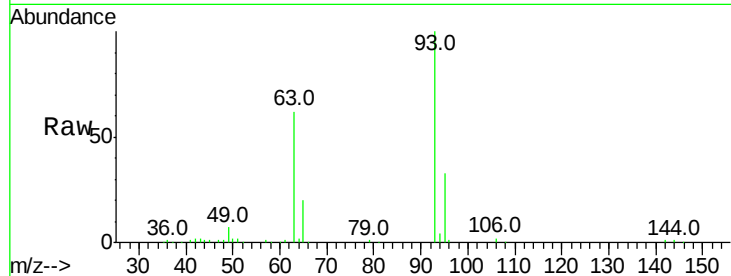




#11
 bis(2-Chloroethyl)ether
 Concen: 42.320 ng
 RT: 8.19 min Scan# 834
 Delta R.T. -0.03 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

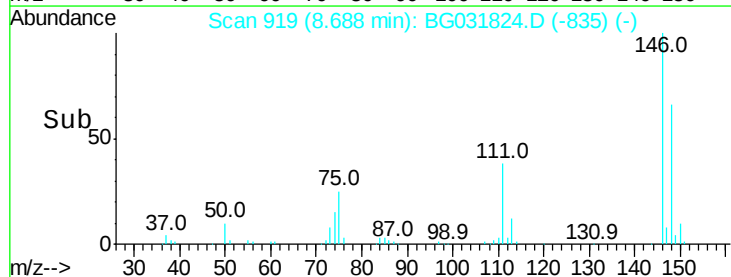
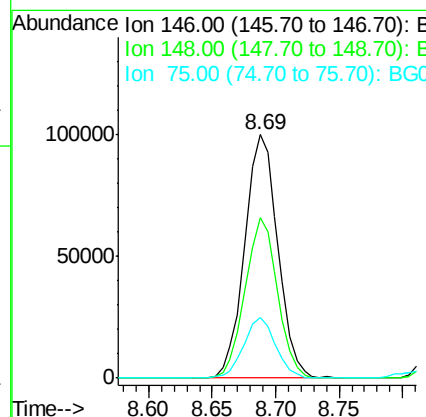
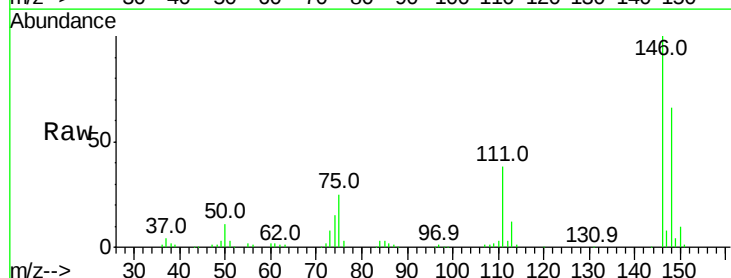
Instrument :
 BNA_G
 ClientSampleId :

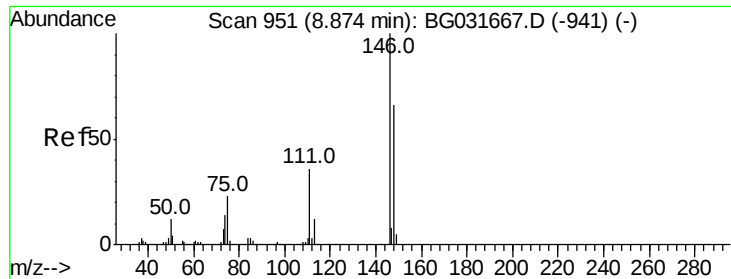
Tot Ion: 93 Resp: 129757
 Ion Ratio Lower Upper
 93 100
 63 61.8 67.1 107.1#
 95 32.7 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 44.535 ng
 RT: 8.69 min Scan# 919
 Delta R.T. -0.03 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

Tgt Ion: 146 Resp: 180689
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.4 77.2
 75 24.7 26.6 39.8#

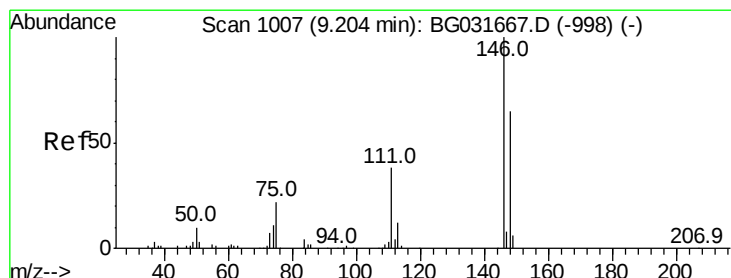
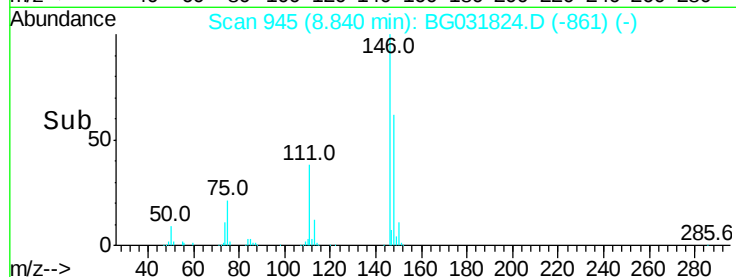
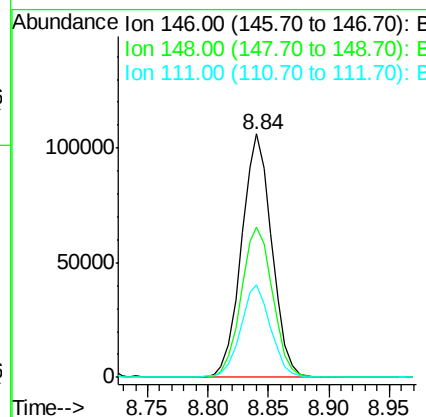
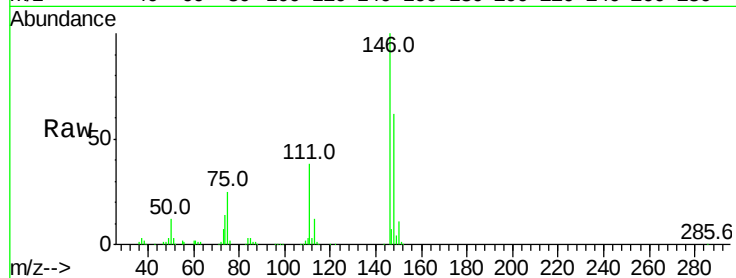




#13
 1,4-Dichlorobenzene
 Concen: 44.667 ng
 RT: 8.84 min Scan# 945
 Delta R.T. -0.03 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

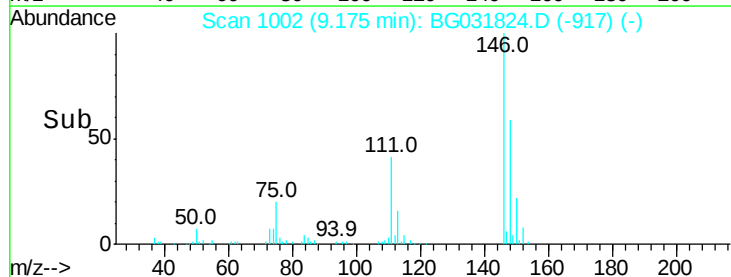
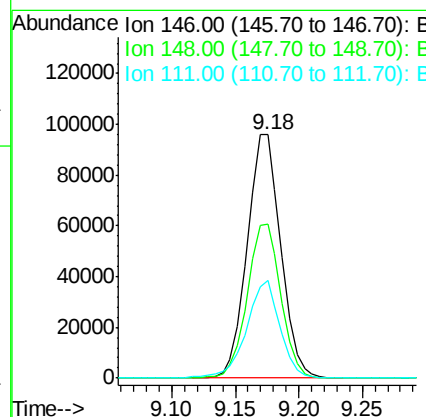
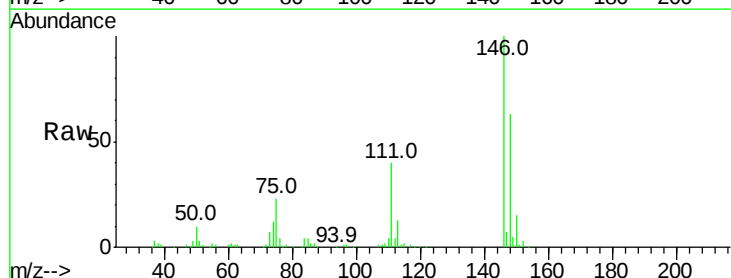
Instrument :
 BNA_G
 ClientSampled :

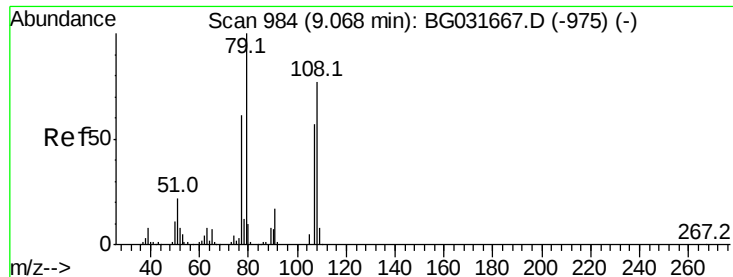
Tot Ion:146 Resp: 185124
 Ion Ratio Lower Upper
 146 100
 148 61.6 53.7 80.5
 111 38.2 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 44.921 ng
 RT: 9.18 min Scan# 1002
 Delta R.T. -0.03 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

Tgt Ion:146 Resp: 176407
 Ion Ratio Lower Upper
 146 100
 148 63.2 49.3 73.9
 111 40.0 34.3 51.5





#15

Benzyl Alcohol

Concen: 46.769 ng

RT: 9.03 min Scan# 978

Delta R.T. -0.03 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

Instrument :

BNA_G

ClientSampleId :

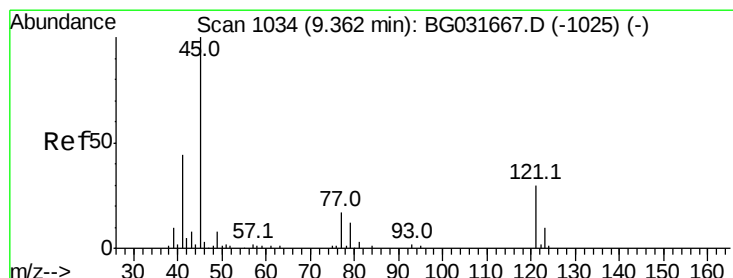
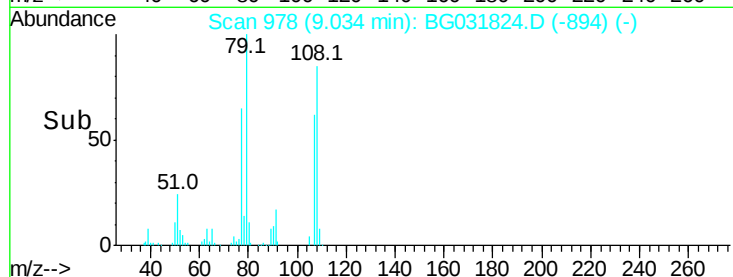
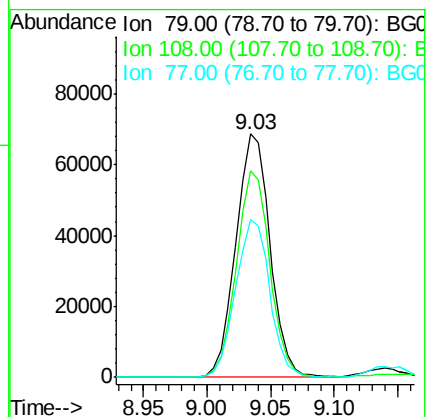
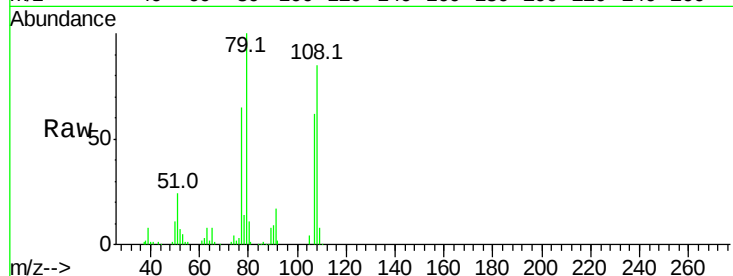
Tot Ion: 79 Resp: 128388

Ion Ratio Lower Upper

79 100

108 84.7 57.2 85.8

77 64.7 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.286 ng

RT: 9.33 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

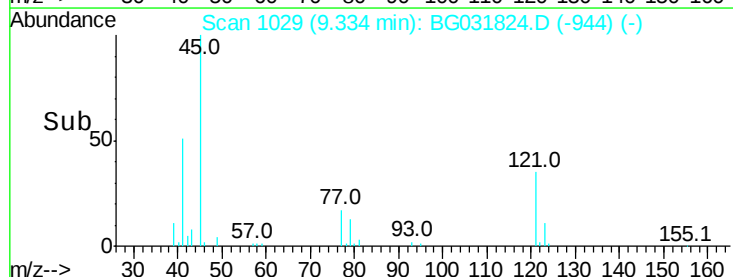
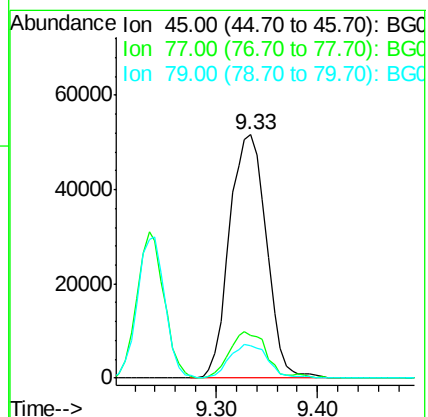
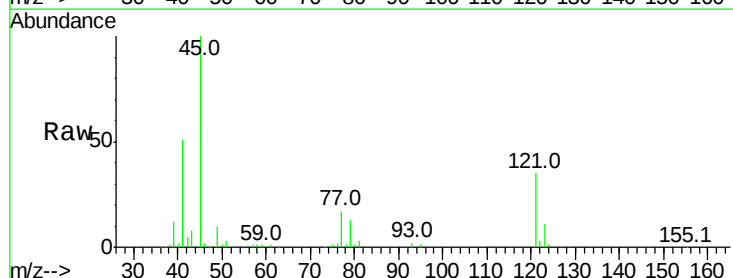
Tgt Ion: 45 Resp: 130553

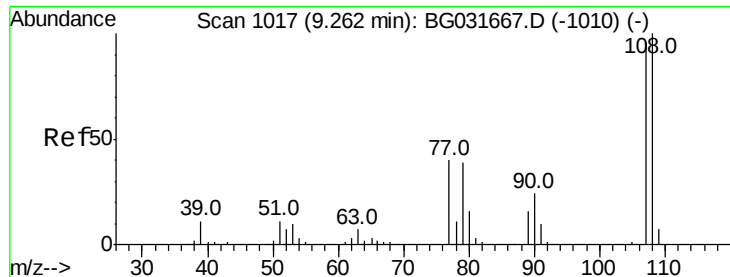
Ion Ratio Lower Upper

45 100

77 17.4 0.0 30.2

79 13.5 0.0 27.9

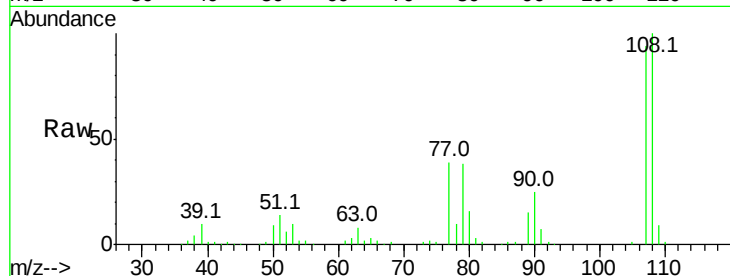




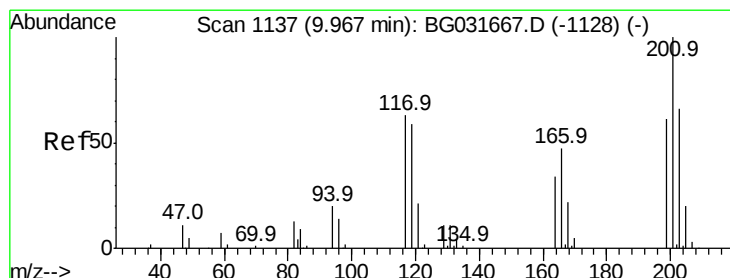
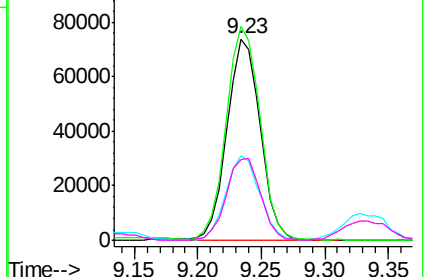
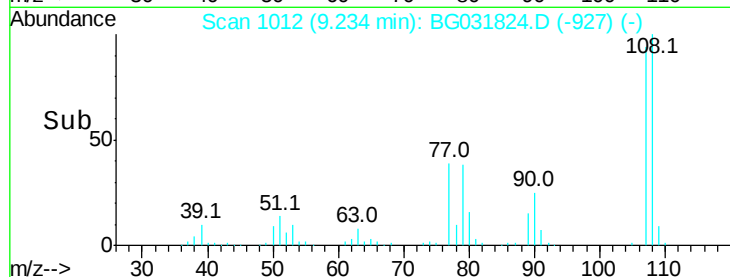
#17
2-Methylphenol
Concen: 50.472 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BG031824.D
Acq: 28 Dec 2017 14:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	133329
Ion	Ratio	Lower	Upper
107	100		
108	106.1	83.9	125.9
77	41.9	37.2	55.8
79	39.9	36.2	54.2

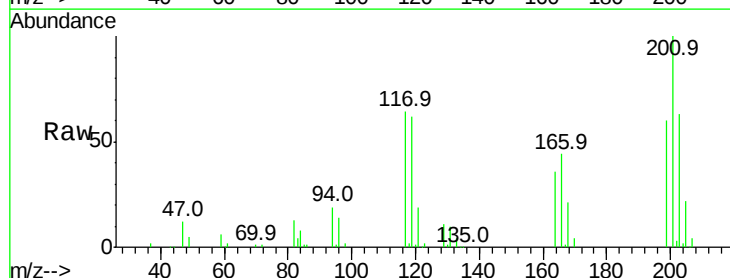


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

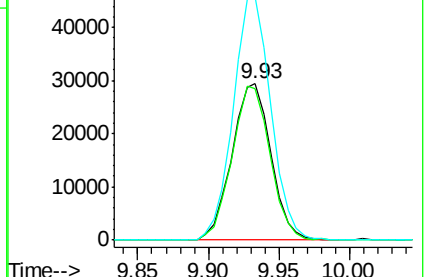
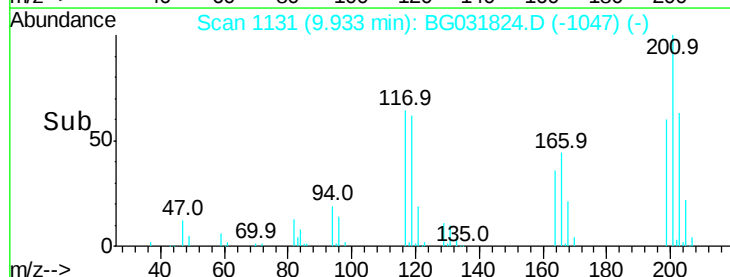


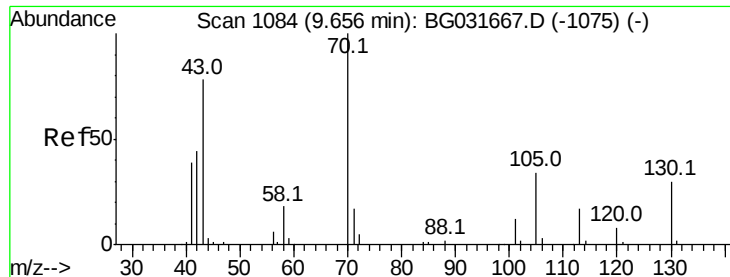
#18
Hexachloroethane
Concen: 45.080 ng
RT: 9.93 min Scan# 1131
Delta R.T. -0.03 min
Lab File: BG031824.D
Acq: 28 Dec 2017 14:27

Tgt Ion:	117	Resp:	56586
Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.7	115.1
201	155.6	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: 39.895 ng

RT: 9.62 min Scan# 1077

Delta R.T. -0.04 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 99632

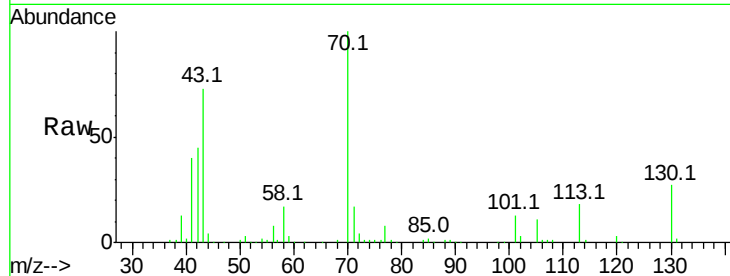
Ion Ratio Lower Upper

70 100

42 44.9 49.1 73.7#

101 12.7 8.5 12.7

130 27.3 13.4 20.0#

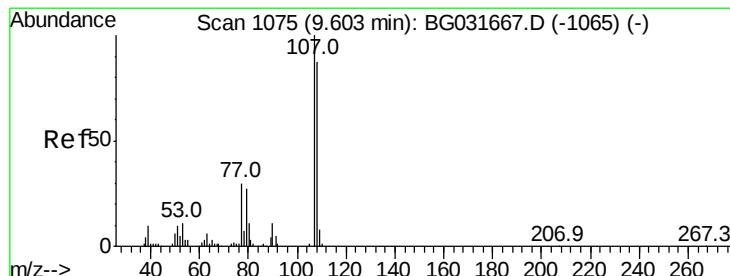
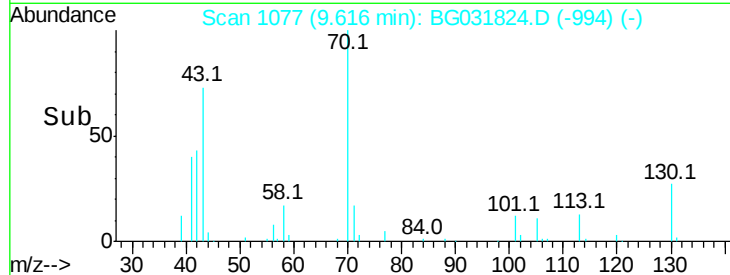
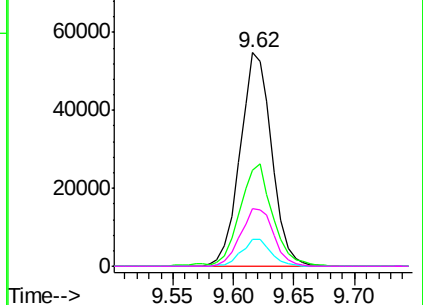


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 48.703 ng

RT: 9.57 min Scan# 1069

Delta R.T. -0.03 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

Tgt Ion:107 Resp: 182853

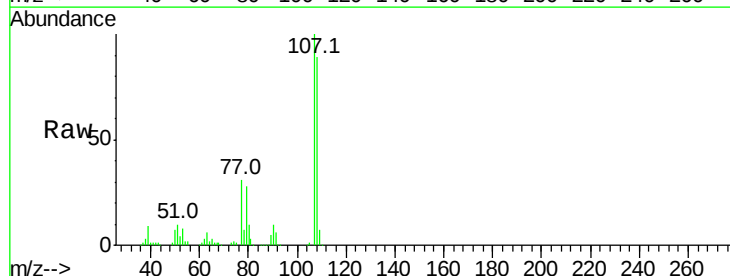
Ion Ratio Lower Upper

107 100

108 89.5 61.6 101.6

77 31.1 13.9 53.9

79 28.0 8.8 48.8

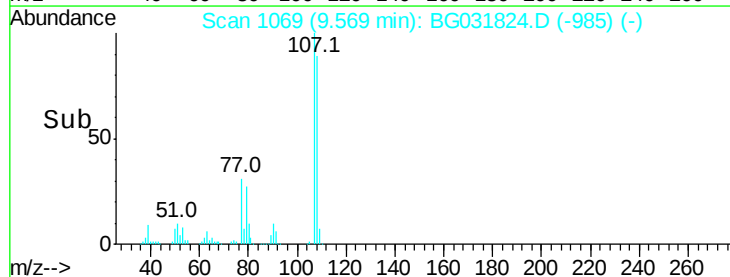
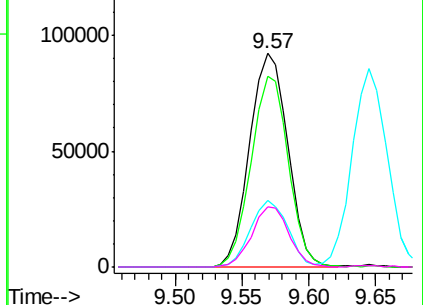


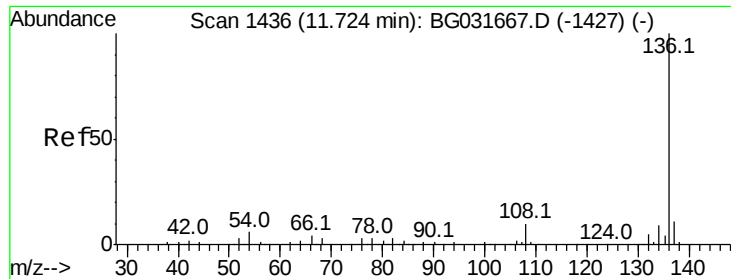
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

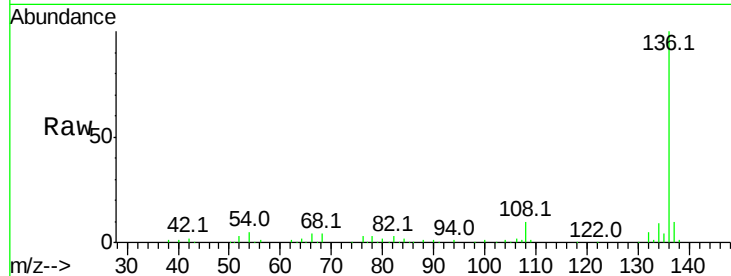




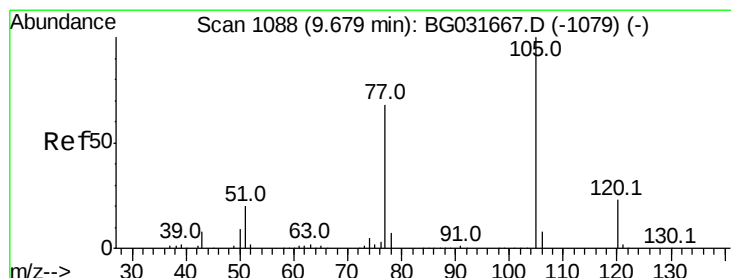
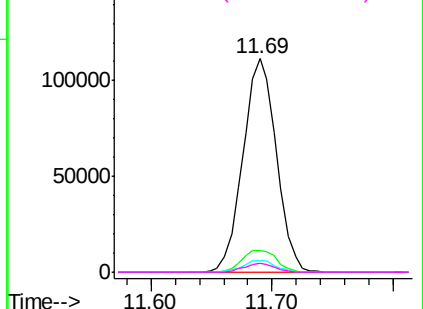
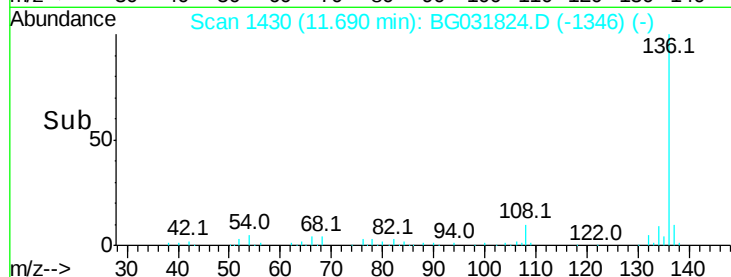
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BG031824.D
Acq: 28 Dec 2017 14:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	214065
Ion Ratio	Lower	Upper
136	100	
137	10.2	9.2 13.8
54	5.2	10.3 15.5#
68	4.0	4.5 6.7#

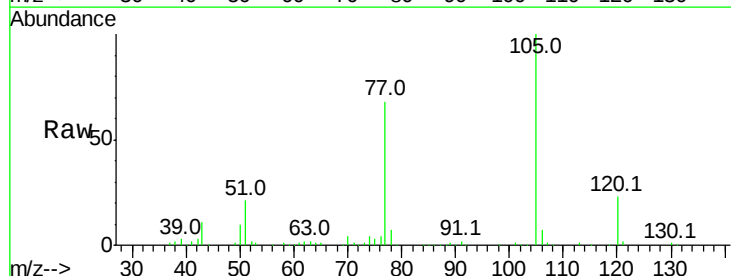


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

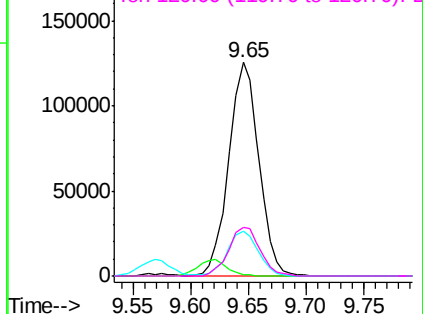
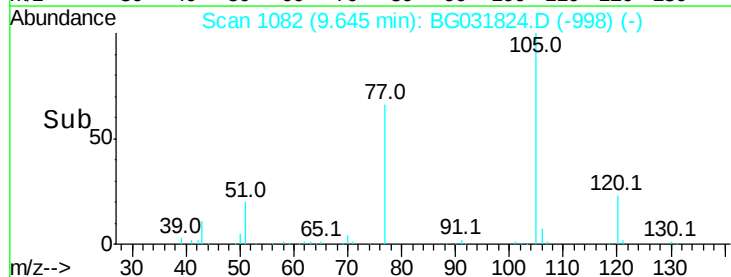


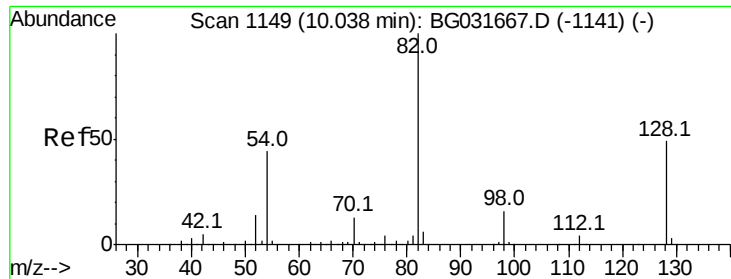
#22
Acetophenone
Concen: 45.493 ng
RT: 9.65 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BG031824.D
Acq: 28 Dec 2017 14:27

Tgt Ion:105	Resp:	226255
Ion Ratio	Lower	Upper
105	100	
71	0.7	3.0 4.4#
51	21.2	26.1 39.1#
120	22.6	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

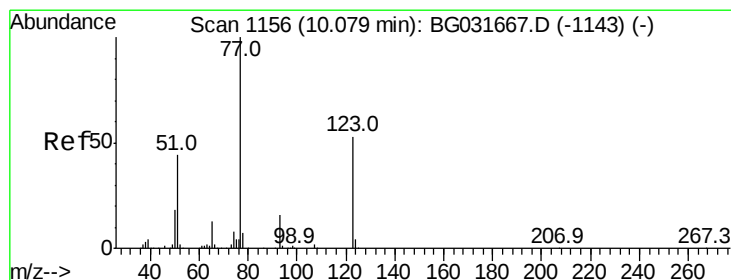
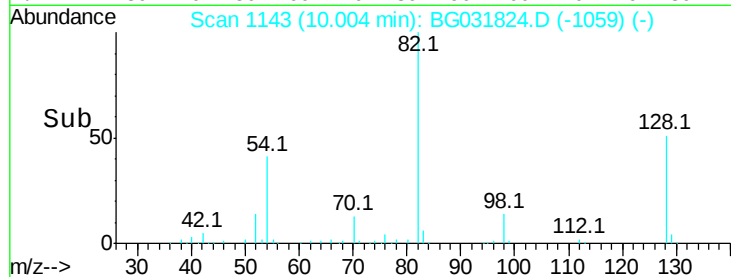
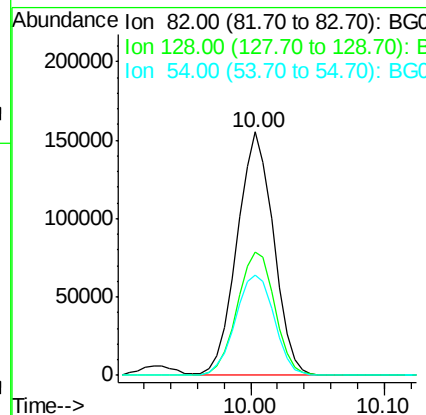
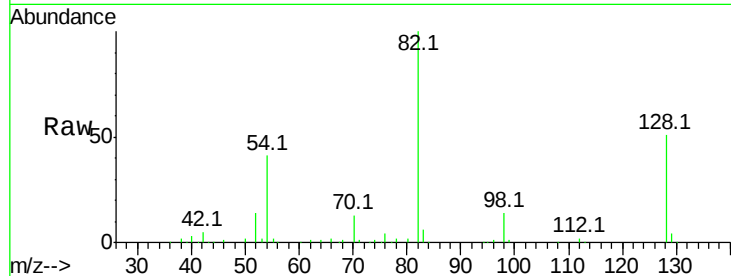




#23
 Nitrobenzene-d5
 Concen: 103.717 ng
 RT: 10.00 min Scan# 1143
 Delta R.T. -0.03 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

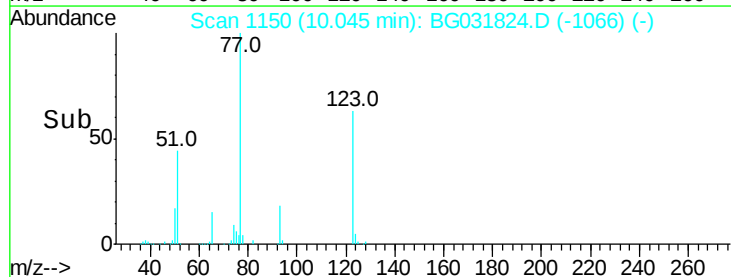
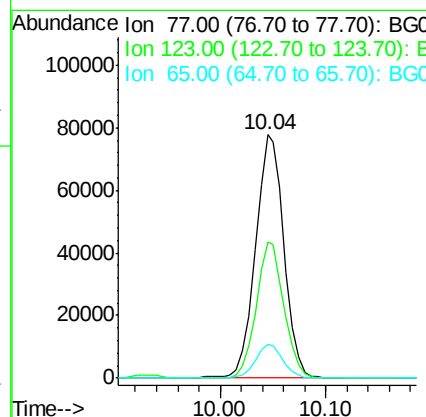
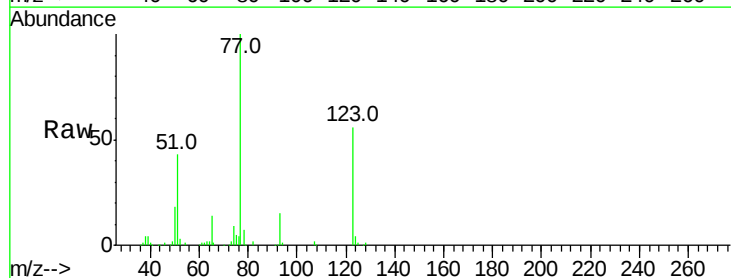
Instrument :
 BNA_G
 ClientSampleId :

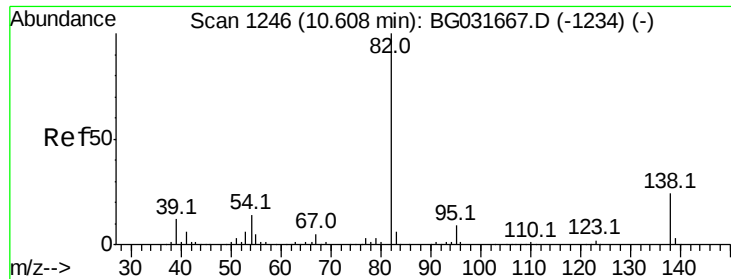
Tot Ion	82	Resp	294021
Ion	Ratio	Lower	Upper
82	100		
128	50.5	29.7	44.5#
54	41.4	43.1	64.7#



#24
 Nitrobenzene
 Concen: 49.595 ng
 RT: 10.04 min Scan# 1150
 Delta R.T. -0.03 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

Tgt Ion	77	Resp	144901
Ion	Ratio	Lower	Upper
77	100		
123	55.7	33.0	49.6#
65	14.0	13.0	19.6





#25

Isophorone

Concen: 45.712 ng

RT: 10.57 min Scan# 1239

Delta R.T. -0.04 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

Instrument :

BNA_G

ClientSampleId :

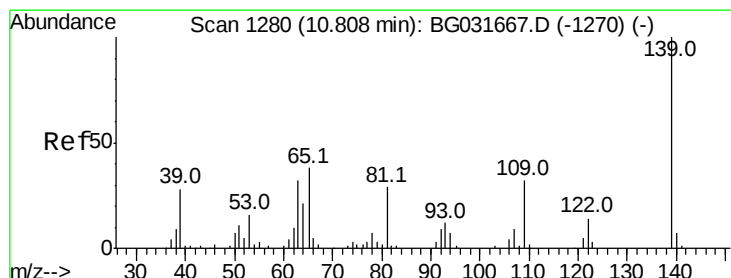
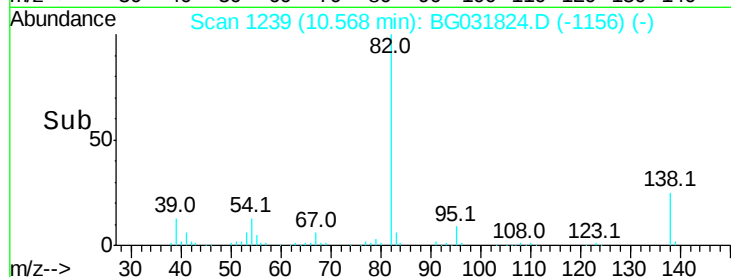
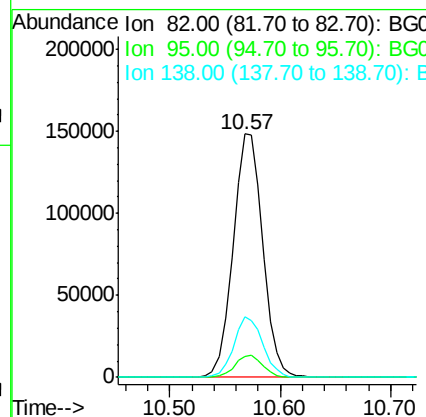
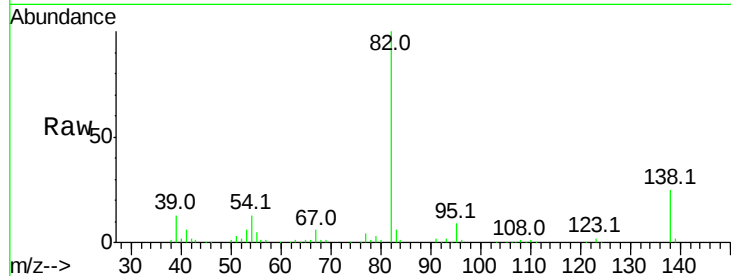
Tot Ion: 82 Resp: 278960

Ion Ratio Lower Upper

82 100

95 8.7 6.2 9.2

138 24.9 12.1 18.1#



#26

2-Nitrophenol

Concen: 61.396 ng

RT: 10.77 min Scan# 1274

Delta R.T. -0.03 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

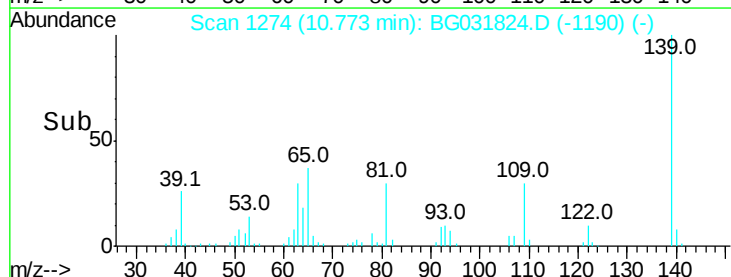
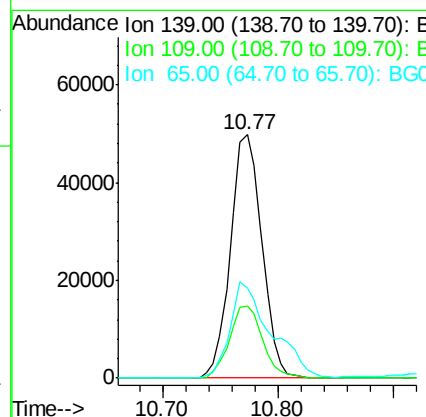
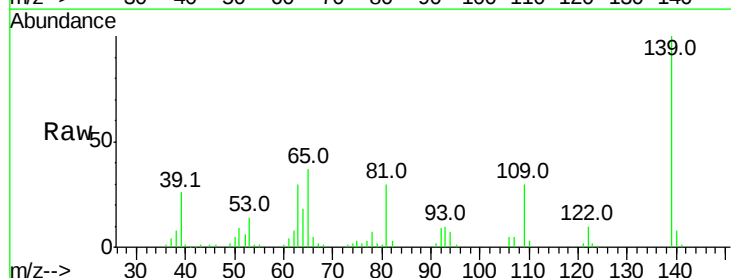
Tgt Ion:139 Resp: 94052

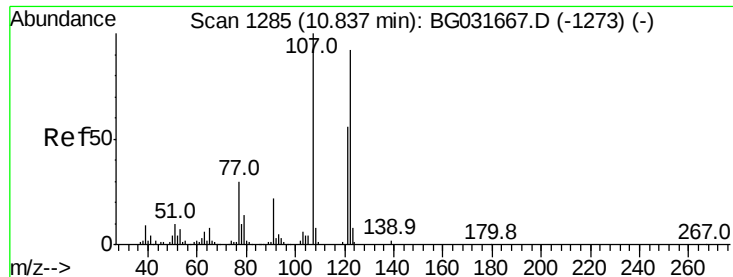
Ion Ratio Lower Upper

139 100

109 29.8 24.2 36.2

65 37.2 47.4 71.0#

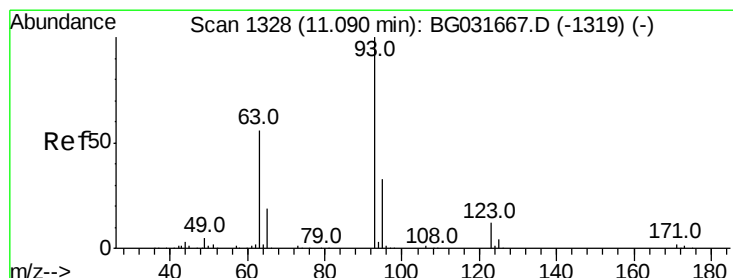
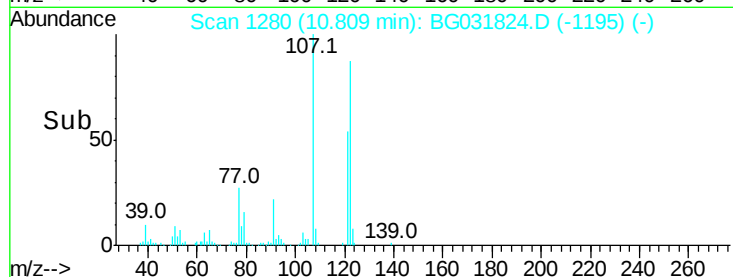
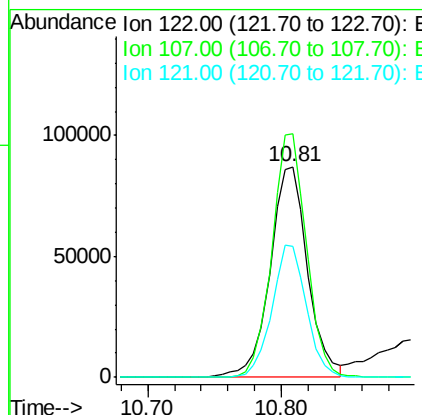
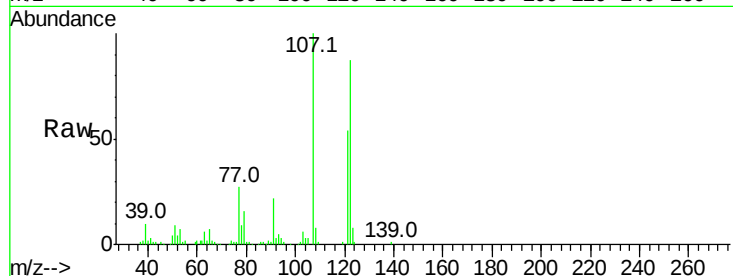




#27
 2,4-Dimethylphenol
 Concen: 52.937 ng
 RT: 10.81 min Scan# 1280
 Delta R.T. -0.03 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

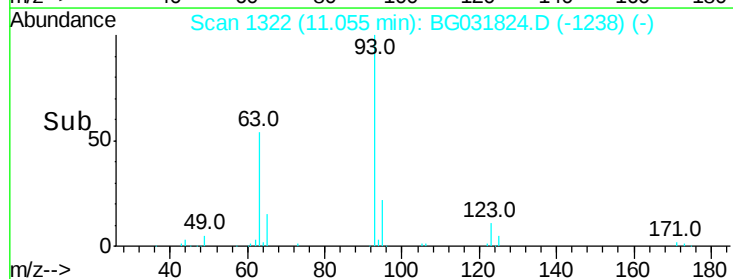
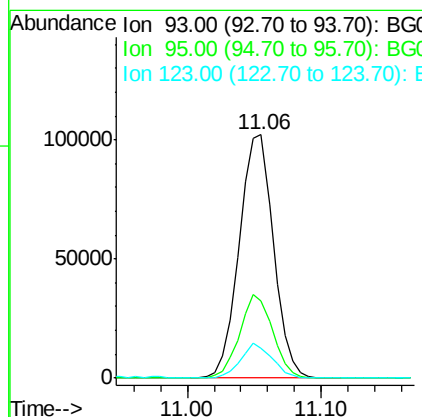
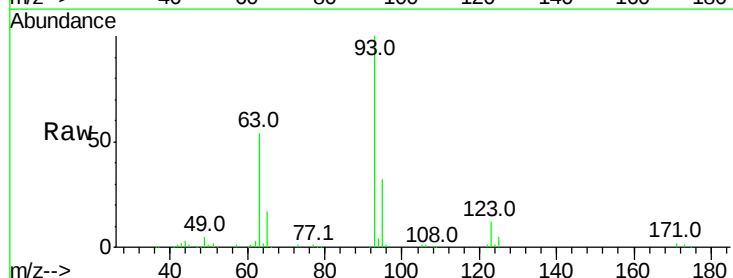
Instrument :
 BNA_G
 ClientSampleId :

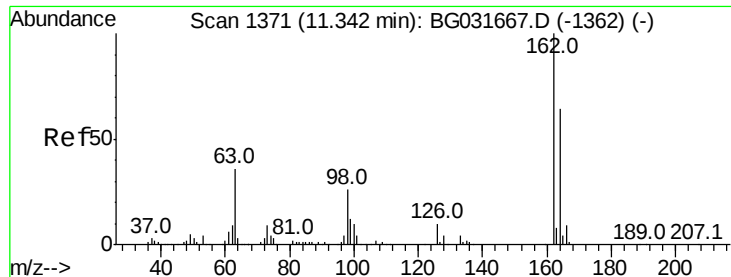
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.4	100.2	150.2
121	61.9	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.113 ng
 RT: 11.06 min Scan# 1322
 Delta R.T. -0.03 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	24.3	36.5
123	12.4	8.4	12.6

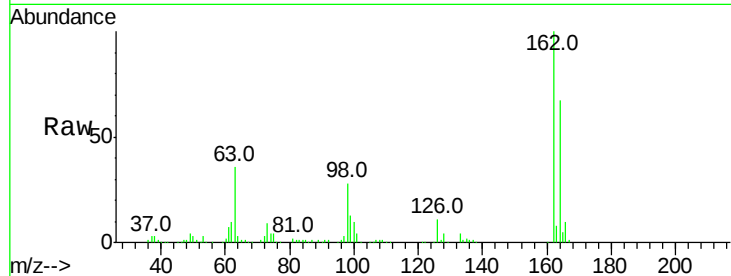




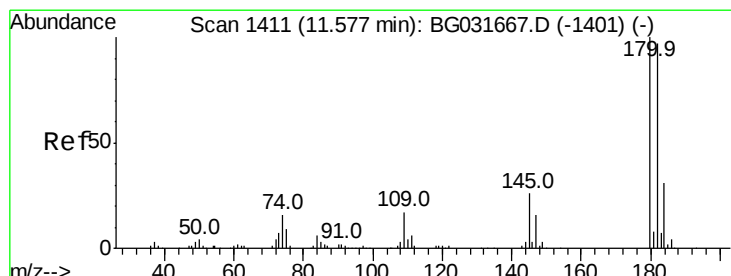
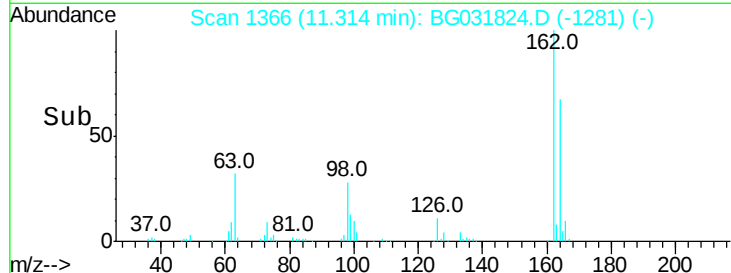
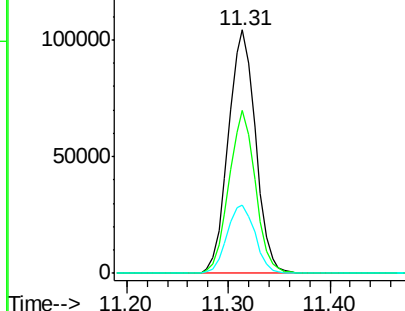
#29
 2,4-Dichlorophenol
 Concen: 51.348 ng
 RT: 11.31 min Scan# 1366
 Delta R.T. -0.03 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.7	48.0	88.0
98	28.3	21.1	61.1

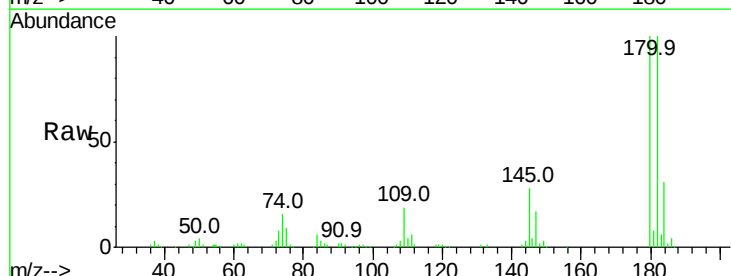


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

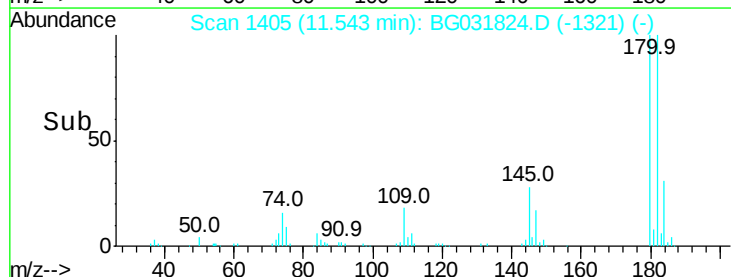
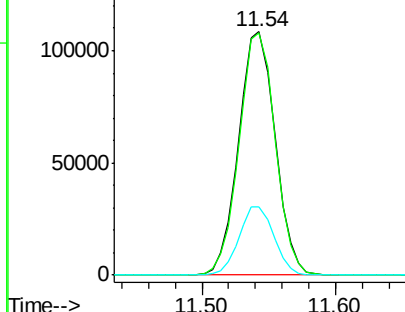


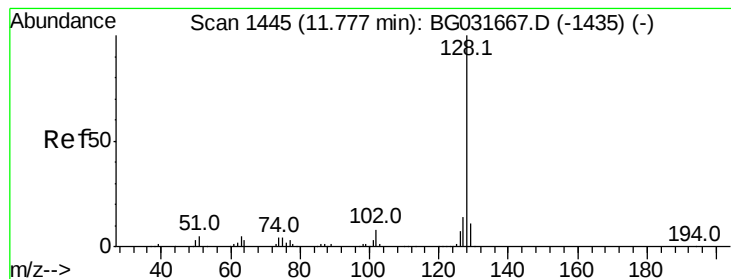
#30
 1,2,4-Trichlorobenzene
 Concen: 44.440 ng
 RT: 11.54 min Scan# 1405
 Delta R.T. -0.03 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.6	77.5	116.3
145	28.0	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: 45.022 ng

RT: 11.74 min Scan# 1439

Delta R.T. -0.03 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

Instrument :

BNA_G

ClientSampleId :

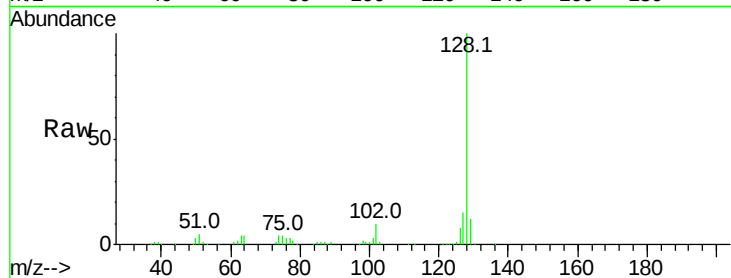
Tot Ion:128 Resp: 486391

Ion Ratio Lower Upper

128 100

129 11.5 8.6 12.8

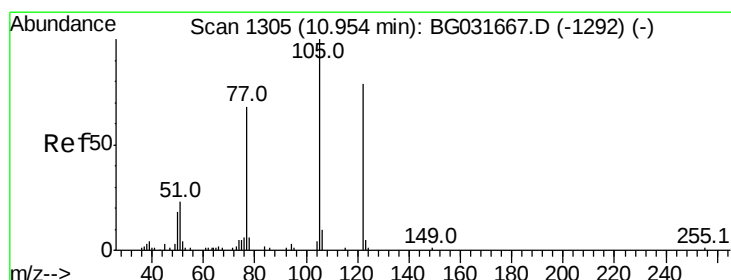
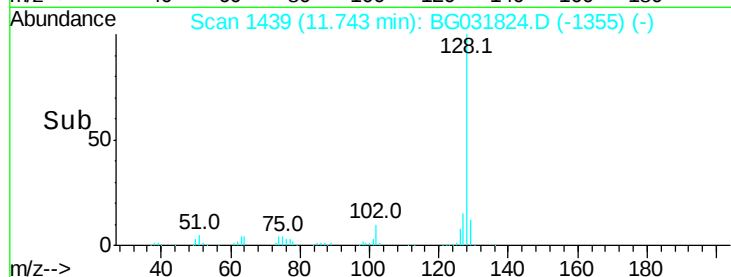
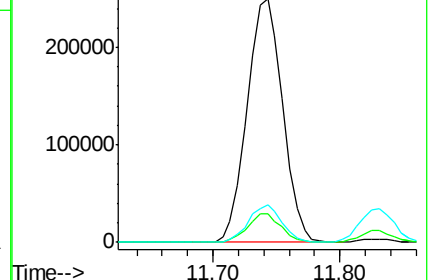
127 15.3 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.579 ng

RT: 10.93 min Scan# 1300

Delta R.T. -0.03 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

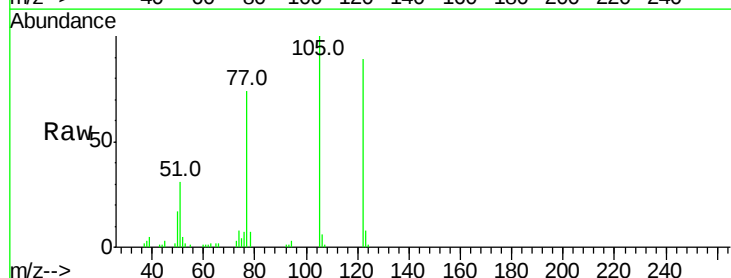
Tgt Ion:122 Resp: 106994

Ion Ratio Lower Upper

122 100

105 111.8 123.5 163.5#

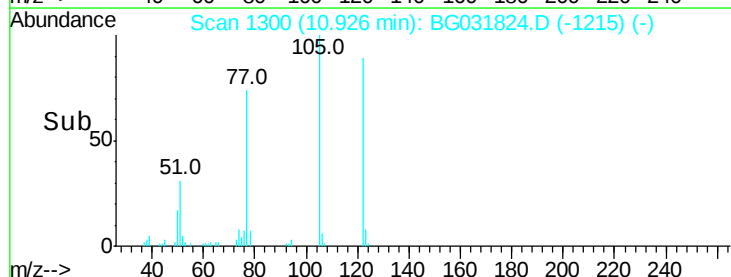
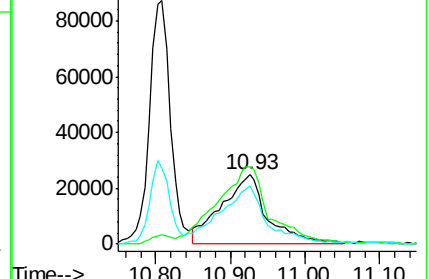
77 83.2 85.7 125.7#

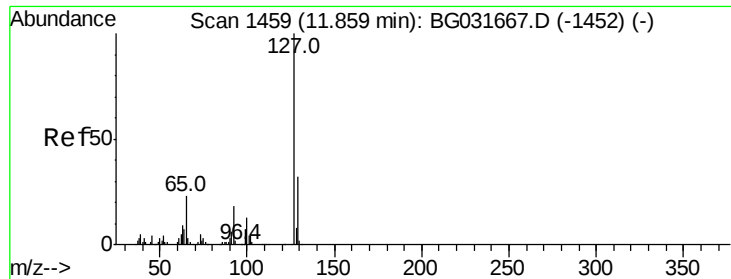


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

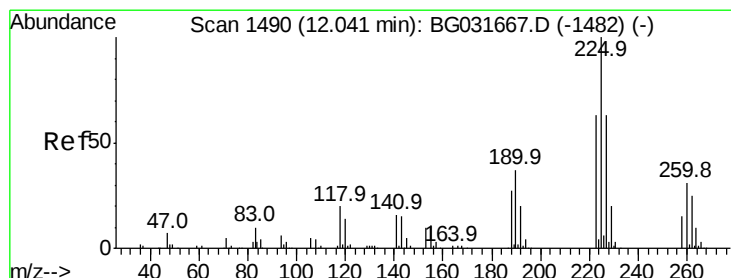
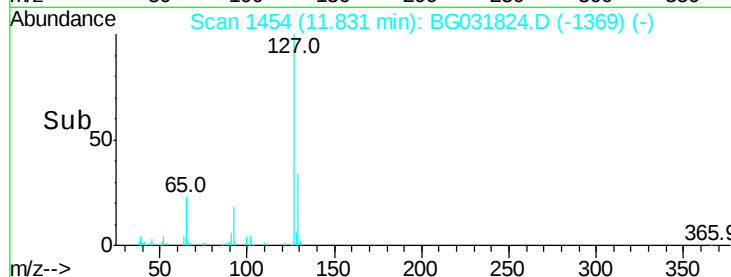
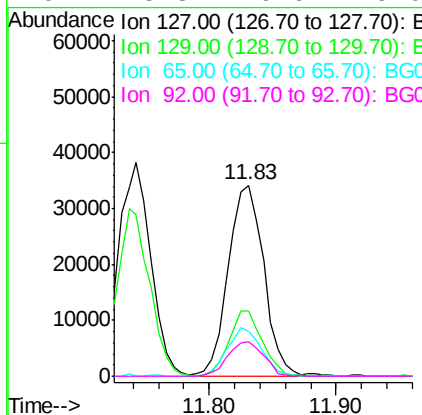
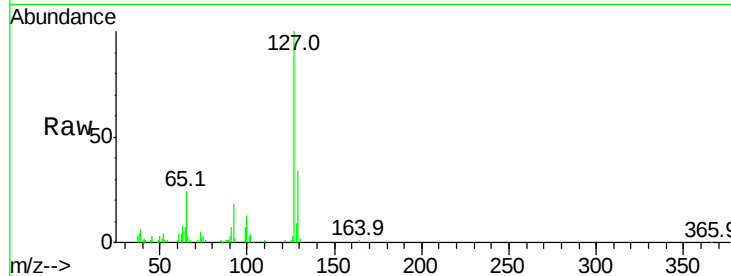




#33
4-Chloroaniline
Concen: 13.848 ng
RT: 11.83 min Scan# 1454
Delta R.T. -0.03 min
Lab File: BG031824.D
Acq: 28 Dec 2017 14:27

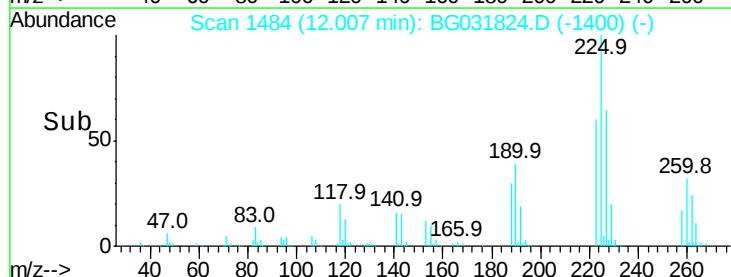
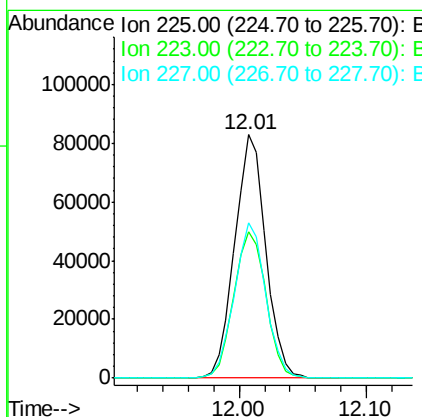
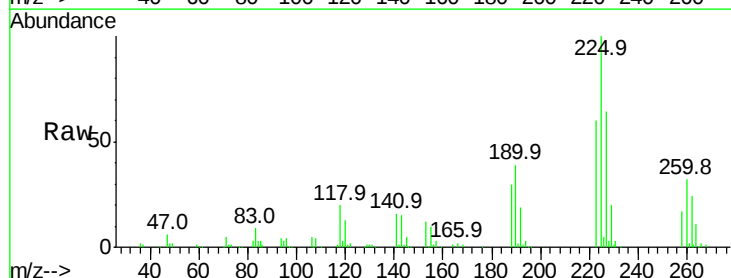
Instrument :
BNA_G
ClientSampled :

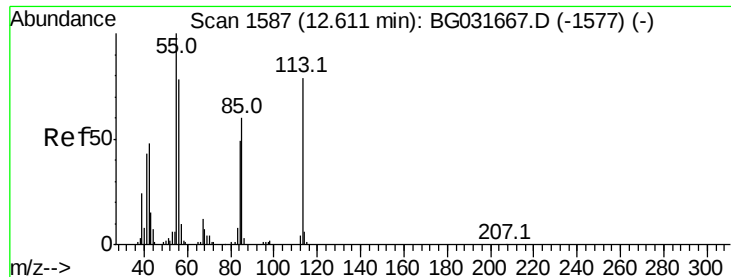
Tot Ion:	127	Resp:	66604
Ion	Ratio	Lower	Upper
127	100		
129	34.3	24.0	36.0
65	23.6	27.0	40.4
92	18.3	16.6	25.0



#34
Hexachlorobutadiene
Concen: 44.192 ng
RT: 12.01 min Scan# 1484
Delta R.T. -0.03 min
Lab File: BG031824.D
Acq: 28 Dec 2017 14:27

Tgt Ion:	225	Resp:	140184
Ion	Ratio	Lower	Upper
225	100		
223	60.1	49.7	74.5
227	63.9	48.1	72.1





#35

Caprolactam

Concen: 53.412 ng

RT: 12.59 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

Instrument :

BNA_G

ClientSampleId :

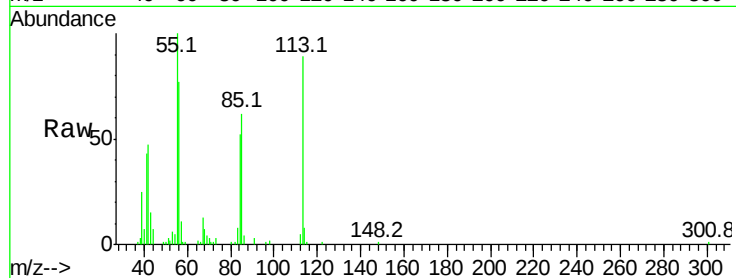
Tot Ion:113 Resp: 61268

Ion Ratio Lower Upper

113 100

55 112.1 186.9 226.9#

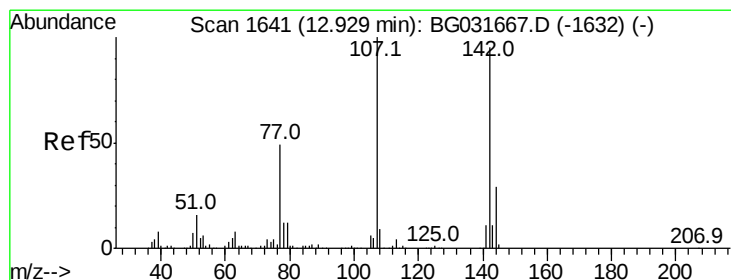
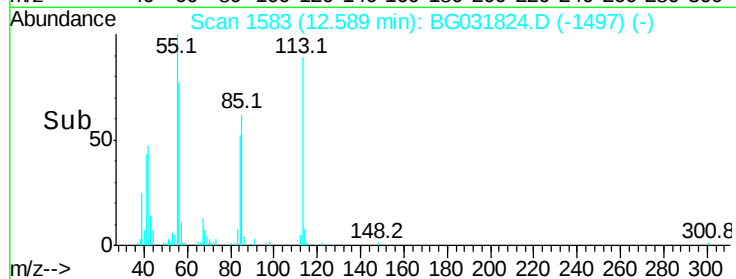
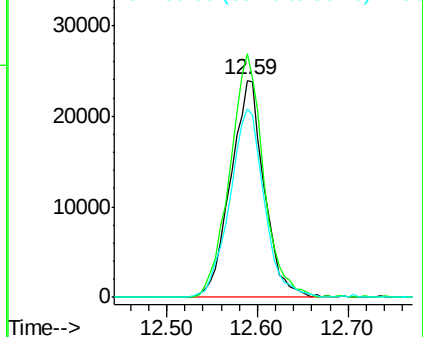
56 86.6 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 49.743 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.03 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

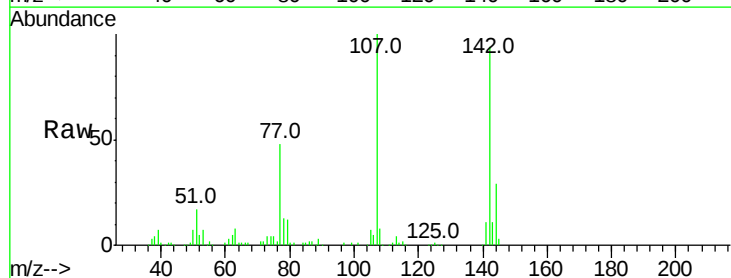
Tgt Ion:107 Resp: 173855

Ion Ratio Lower Upper

107 100

144 28.8 18.2 27.4#

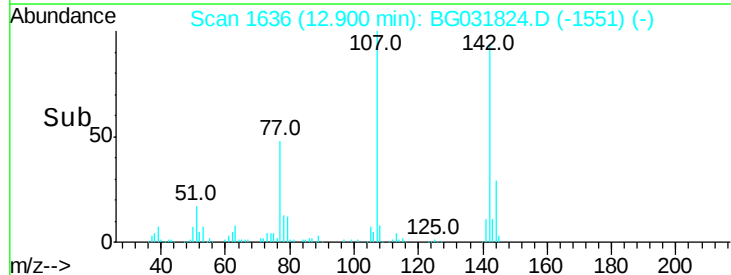
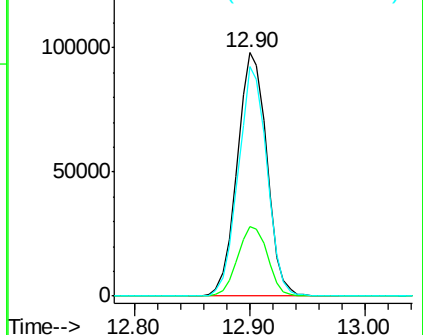
142 94.2 59.0 88.4#

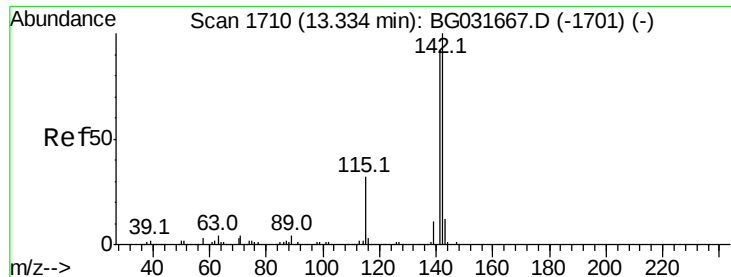


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.136 ng

RT: 13.30 min Scan# 1704

Delta R.T. -0.03 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

Instrument :

BNA_G

ClientSampleId :

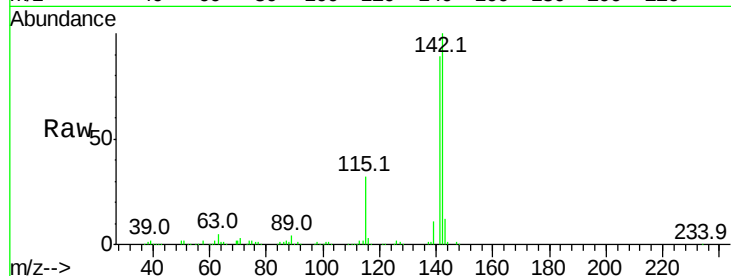
Tot Ion:142 Resp: 404050

Ion Ratio Lower Upper

142 100

141 89.2 67.1 100.7

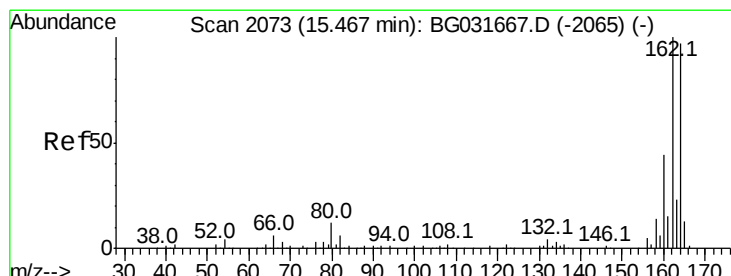
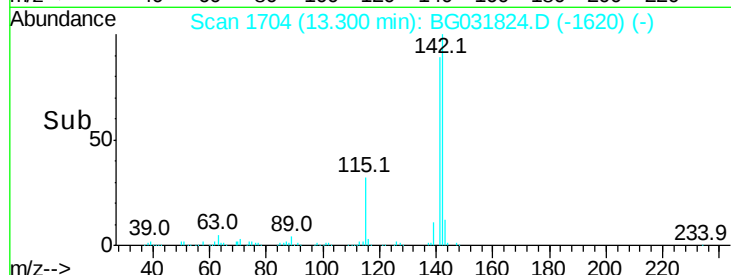
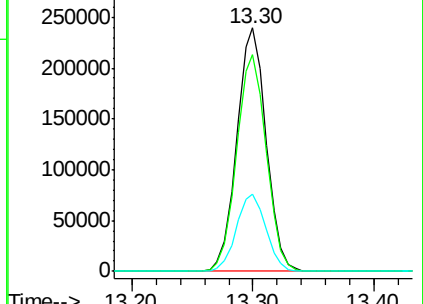
115 31.6 30.7 46.1



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: 15.43 min Scan# 2067

Delta R.T. -0.03 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

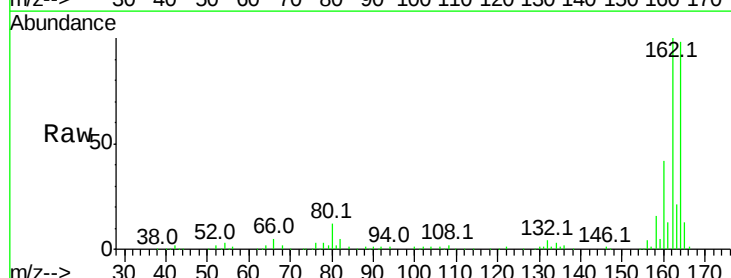
Tgt Ion:164 Resp: 147853

Ion Ratio Lower Upper

164 100

162 101.8 78.8 118.2

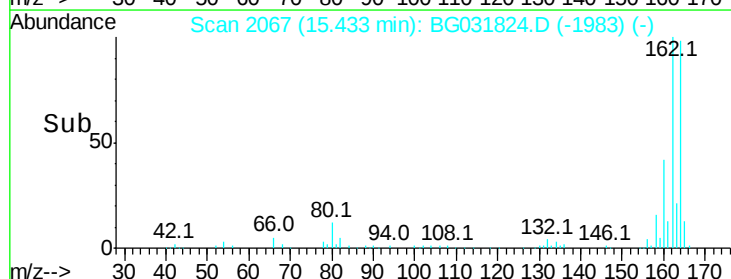
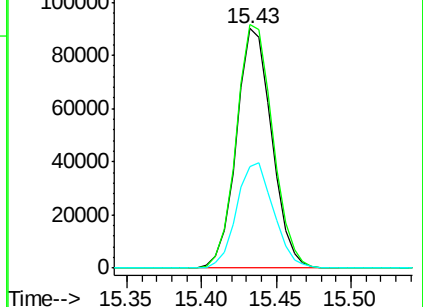
160 42.7 35.4 53.0

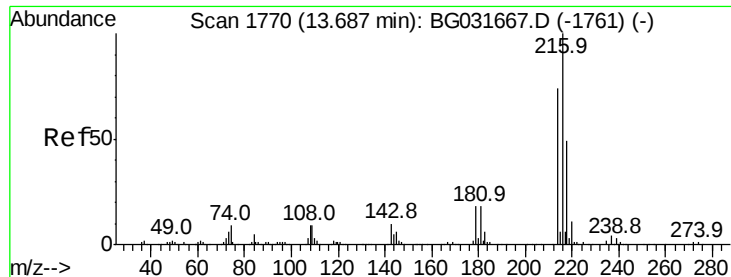


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

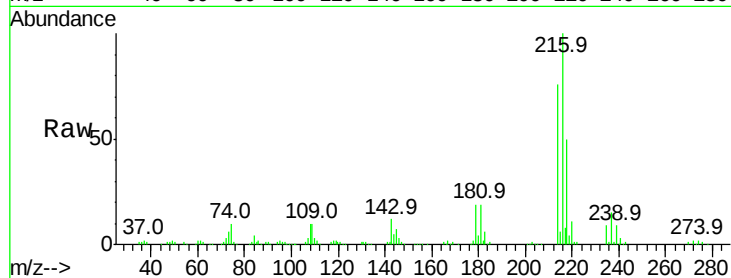




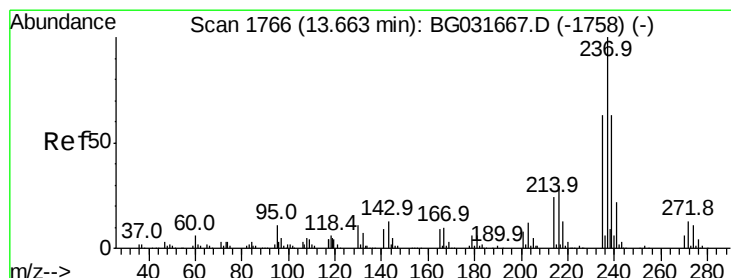
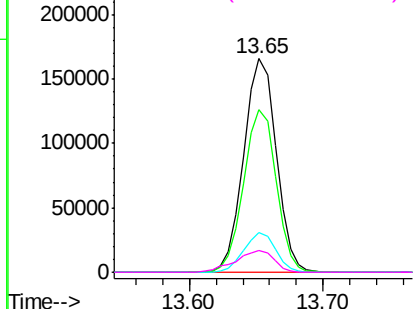
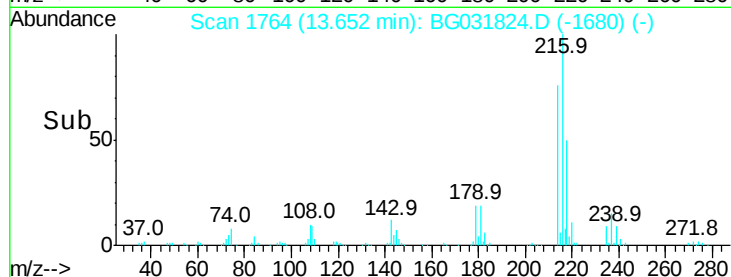
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.703 ng
 RT: 13.65 min Scan# 1764
 Delta R.T. -0.03 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:216 Resp: 278398
 Ion Ratio Lower Upper
 216 100
 214 76.0 63.0 94.4
 179 18.1 17.0 25.6
 108 12.1 12.8 19.2#

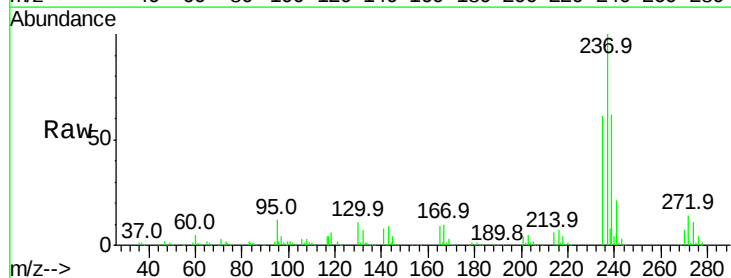


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

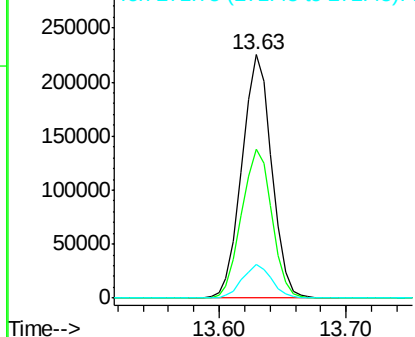
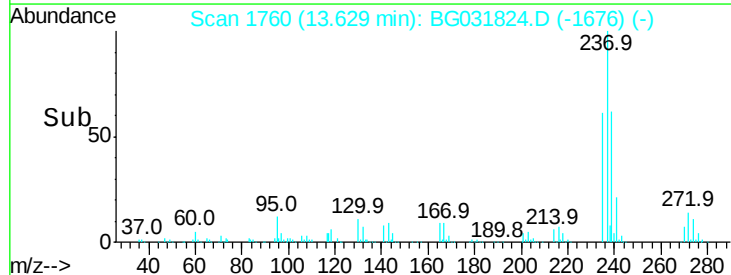


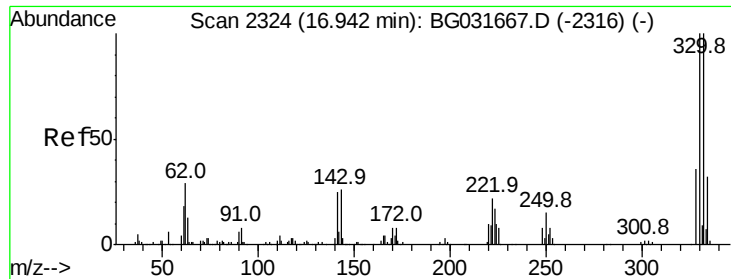
#40
 Hexachlorocyclopentadiene
 Concen: 111.435 ng
 RT: 13.63 min Scan# 1760
 Delta R.T. -0.03 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

Tgt Ion:237 Resp: 366104
 Ion Ratio Lower Upper
 237 100
 235 61.2 50.4 90.4
 272 13.7 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

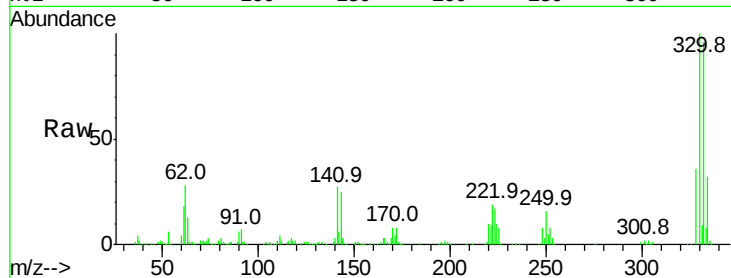




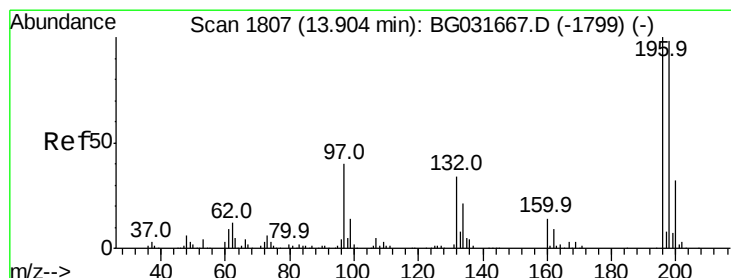
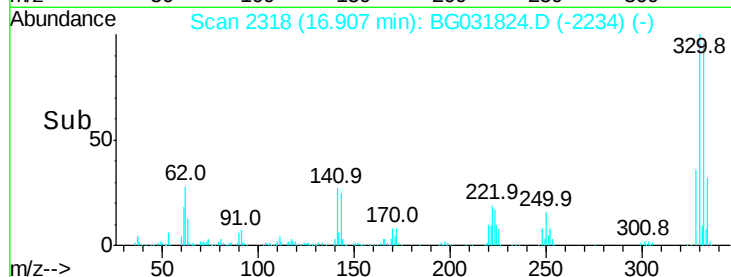
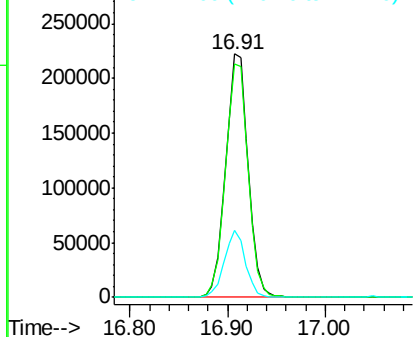
#41
 2,4,6-Tribromophenol
 Concen: 156.570 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.03 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	25.8	25.2	37.8

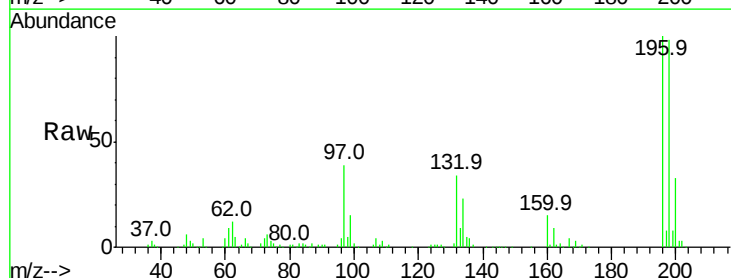


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

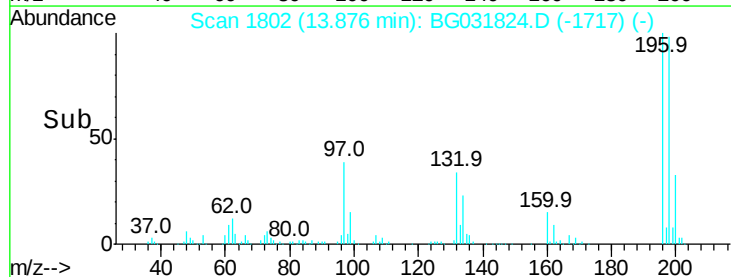
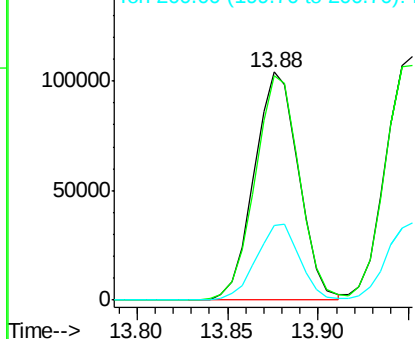


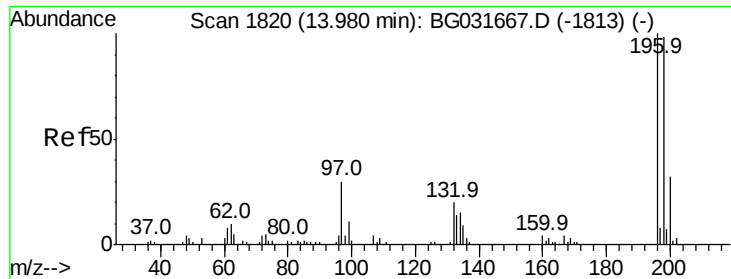
#42
 2,4,6-Trichlorophenol
 Concen: 49.298 ng
 RT: 13.88 min Scan# 1802
 Delta R.T. -0.03 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.3	78.2	117.2
200	32.5	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

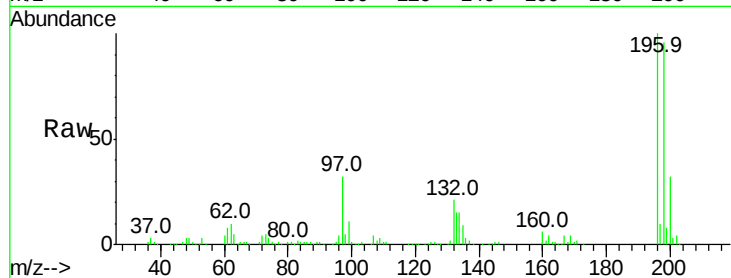




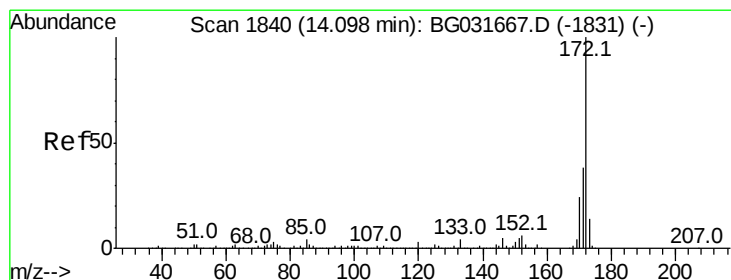
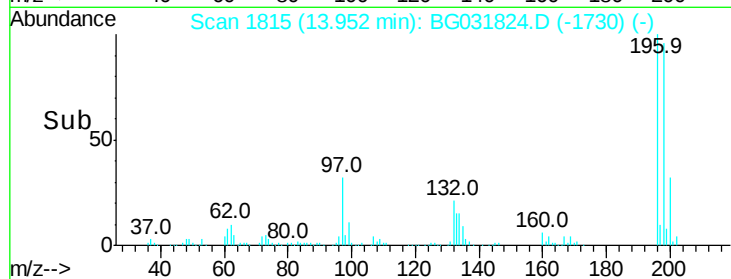
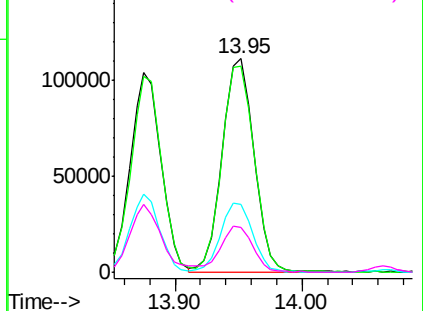
#43
 2,4,5-Trichlorophenol
 Concen: 48.535 ng
 RT: 13.95 min Scan# 1815
 Delta R.T. -0.03 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.2	114.4
97	32.0	38.7	58.1
132	21.1	20.2	30.2

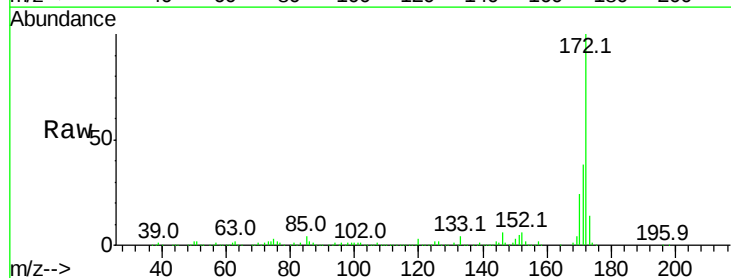


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

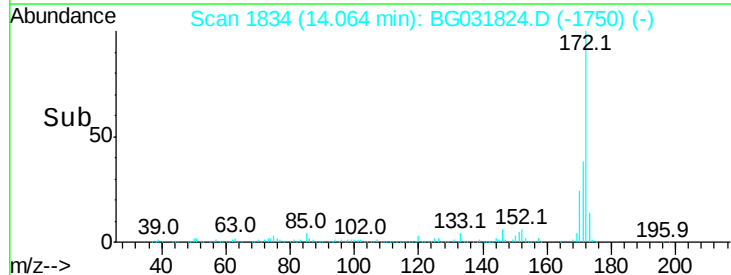
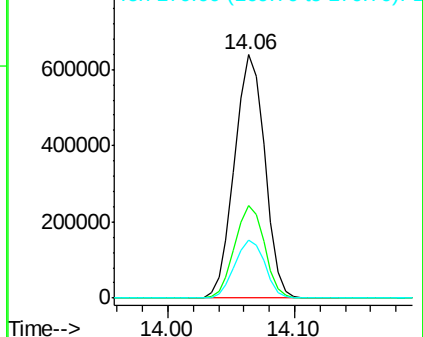


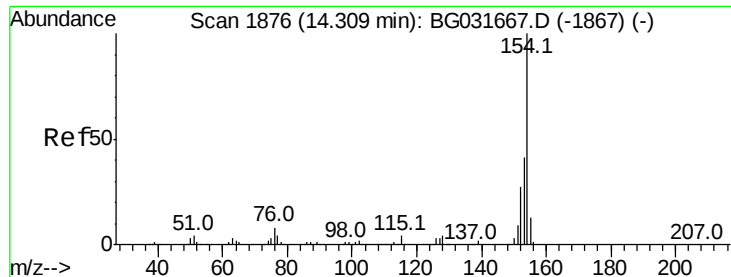
#44
 2-Fluorobiphenyl
 Concen: 89.760 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	23.7	19.5	29.3



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





#45

1,1'-Biphenyl

Concen: 45.322 ng

RT: 14.28 min Scan# 1870

Delta R.T. -0.03 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

Instrument :

BNA_G

ClientSampled :

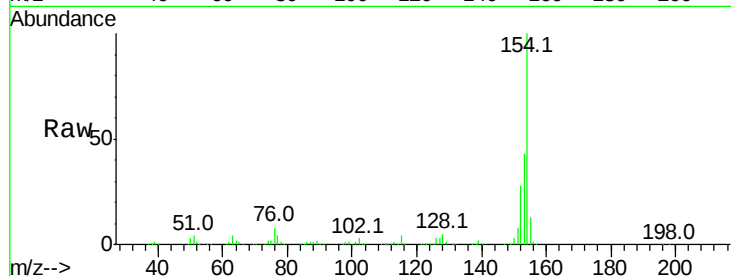
Tot Ion:154 Resp: 572331

Ion Ratio Lower Upper

154 100

153 43.0 19.8 59.8

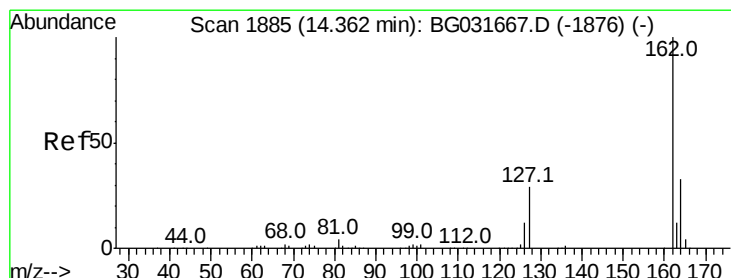
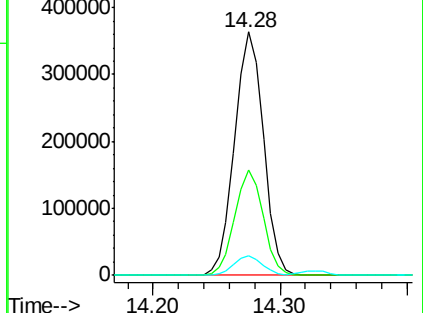
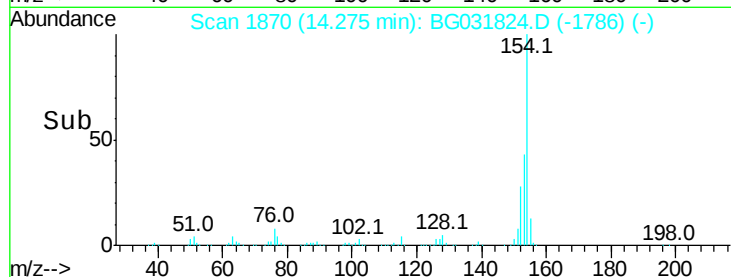
76 8.3 0.0 31.9



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): B



#46

2-Chloronaphthalene

Concen: 45.001 ng

RT: 14.33 min Scan# 1879

Delta R.T. -0.03 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

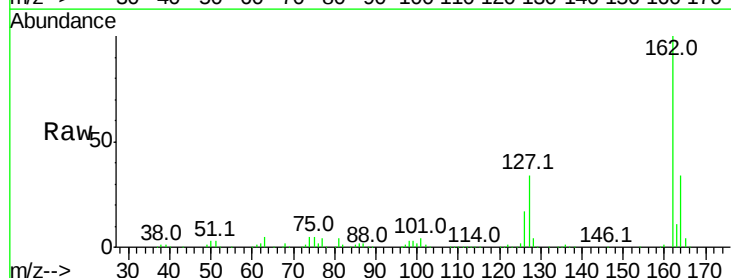
Tgt Ion:162 Resp: 433454

Ion Ratio Lower Upper

162 100

127 34.2 30.7 46.1

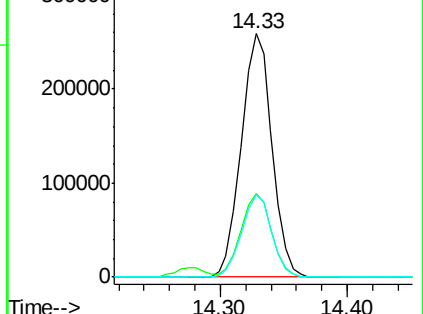
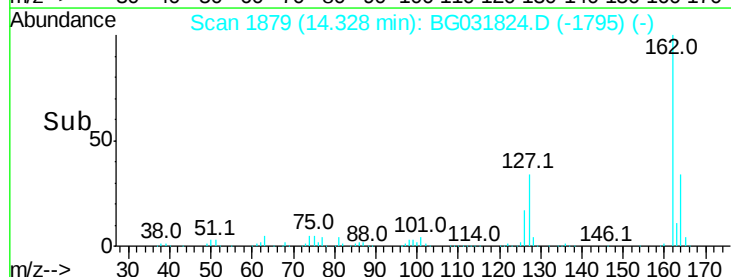
164 33.6 26.0 39.0

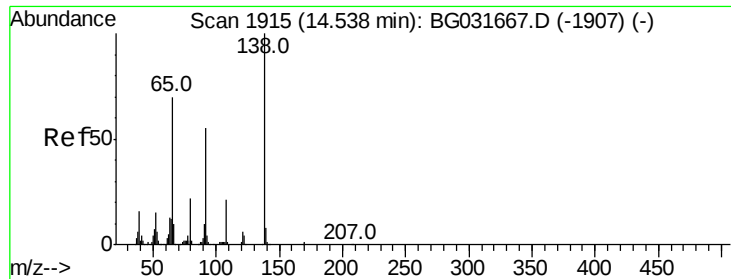


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

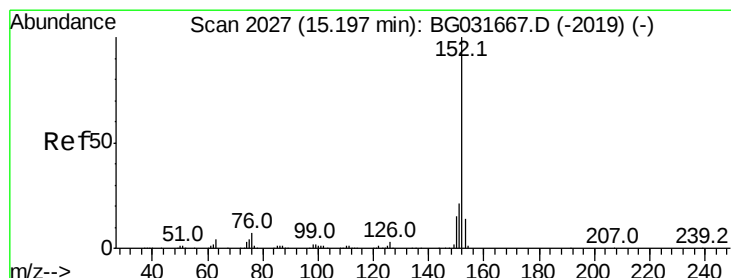
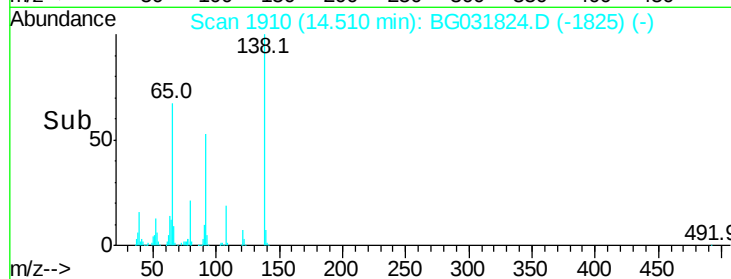
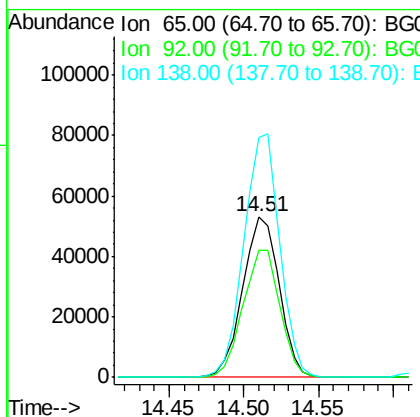
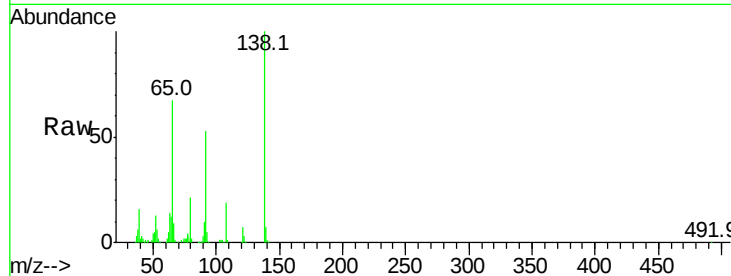




#47
2-Nitroaniline
Concen: 54.126 ng
RT: 14.51 min Scan# 1910
Delta R.T. -0.03 min
Lab File: BG031824.D
Acq: 28 Dec 2017 14:27

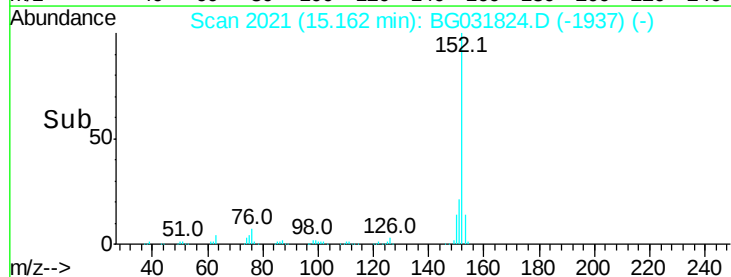
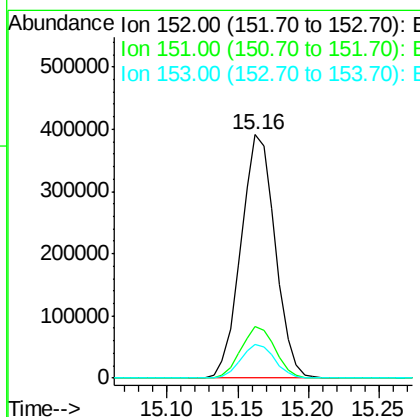
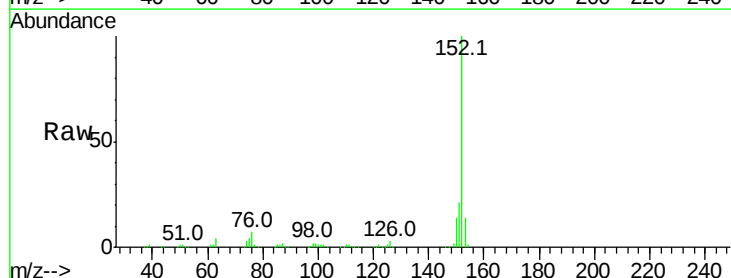
Instrument :
BNA_G
ClientSampled :

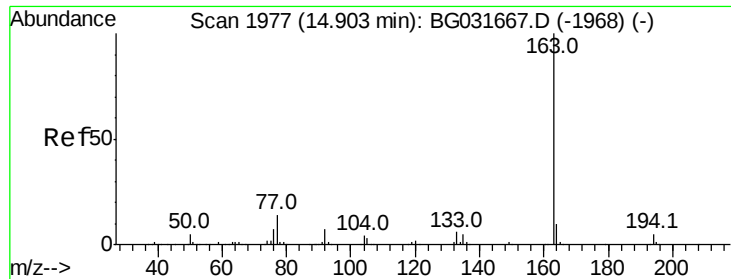
Tot Ion: 65 Resp: 90042
Ion Ratio Lower Upper
65 100
92 79.4 54.6 82.0
138 149.0 72.9 109.3#



#48
Acenaphthylene
Concen: 43.087 ng
RT: 15.16 min Scan# 2021
Delta R.T. -0.03 min
Lab File: BG031824.D
Acq: 28 Dec 2017 14:27

Tgt Ion: 152 Resp: 663956
Ion Ratio Lower Upper
152 100
151 21.3 17.2 25.8
153 13.8 10.2 15.4

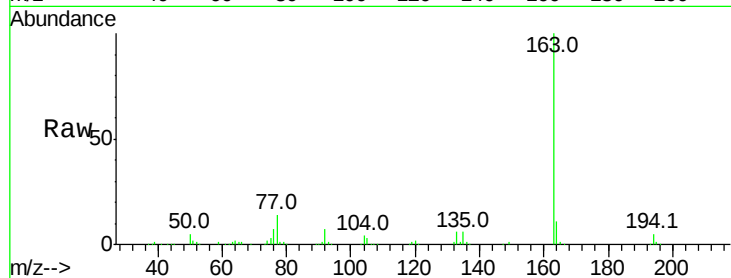




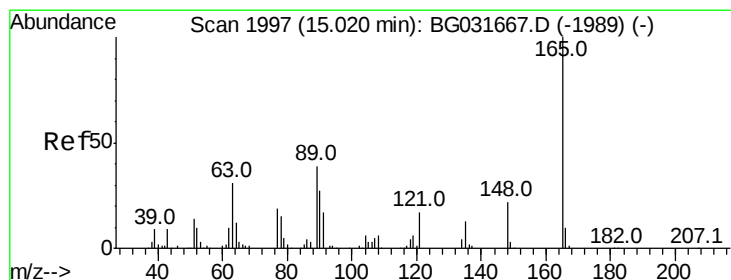
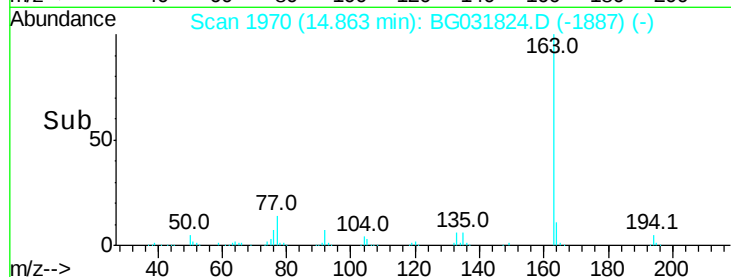
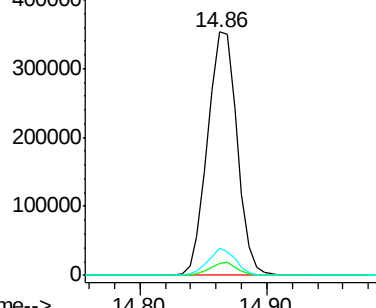
#49
Dimethylphthalate
Concen: 43.622 ng
RT: 14.86 min Scan# 1970
Delta R.T. -0.04 min
Lab File: BG031824.D
Acq: 28 Dec 2017 14:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	11.0	8.2	12.4

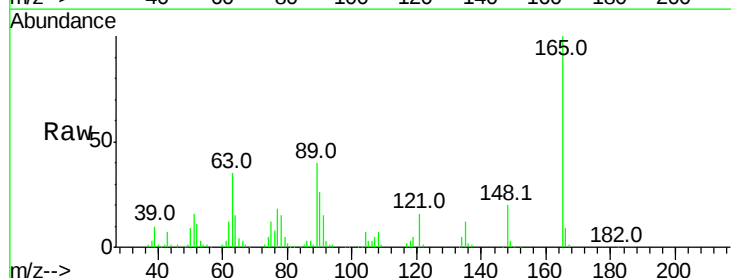


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

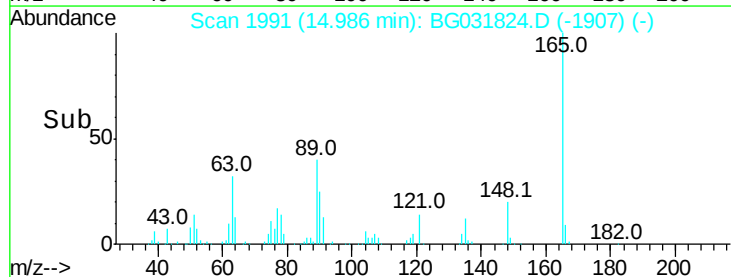
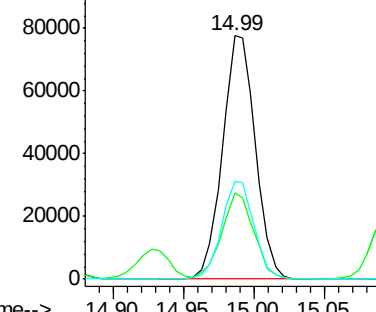


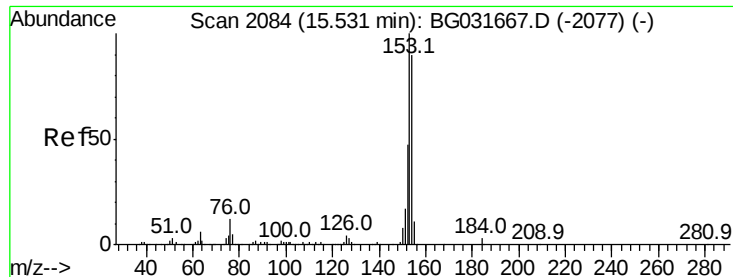
#50
2,6-Dinitrotoluene
Concen: 52.923 ng
RT: 14.99 min Scan# 1991
Delta R.T. -0.03 min
Lab File: BG031824.D
Acq: 28 Dec 2017 14:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.3	52.7	79.1#
89	40.0	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: 46.246 ng

RT: 15.50 min Scan# 2078

Delta R.T. -0.03 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

Instrument :

BNA_G

ClientSampleId :

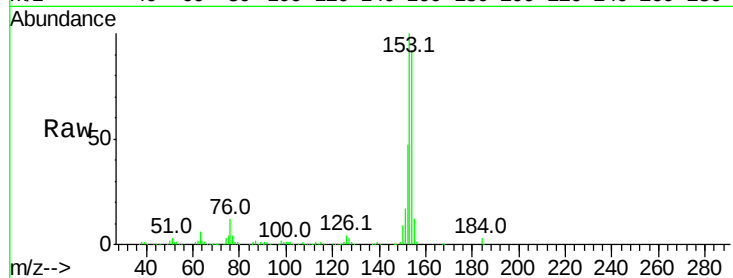
Tot Ion:154 Resp: 466724

Ion Ratio Lower Upper

154 100

153 108.8 90.4 135.6

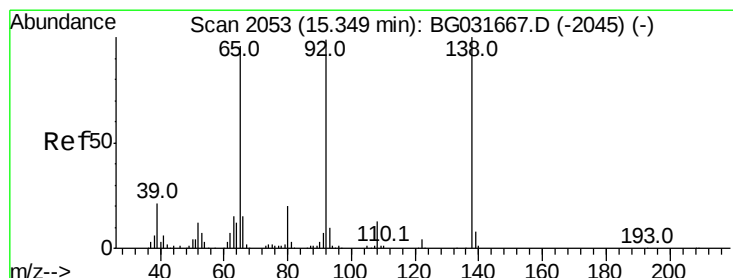
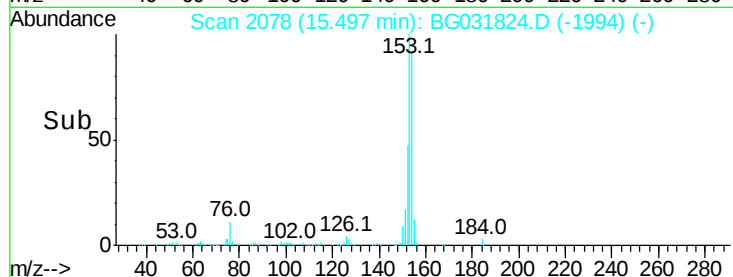
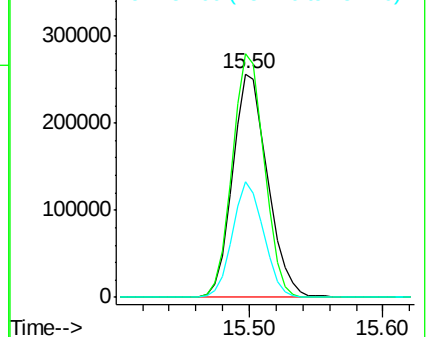
152 51.5 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.367 ng

RT: 15.32 min Scan# 2047

Delta R.T. -0.03 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

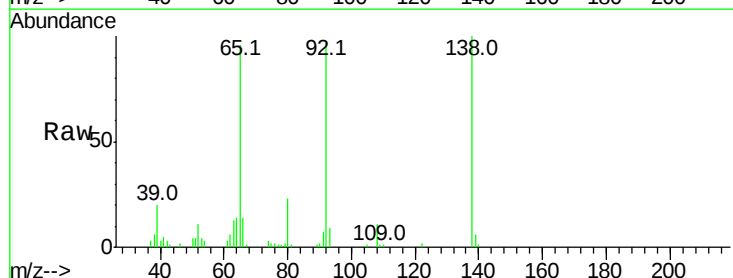
Tgt Ion:138 Resp: 49951

Ion Ratio Lower Upper

138 100

108 11.2 17.5 26.3#

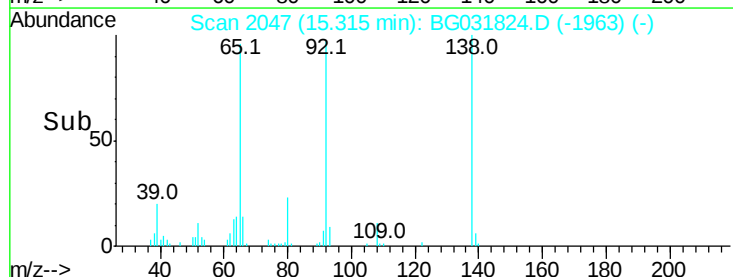
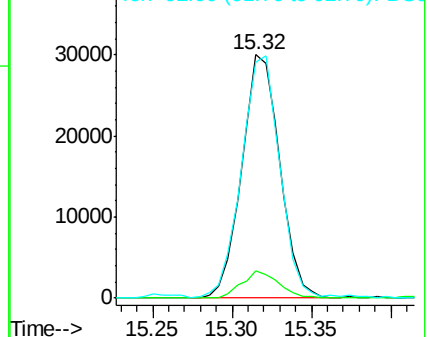
92 97.0 105.8 158.8#

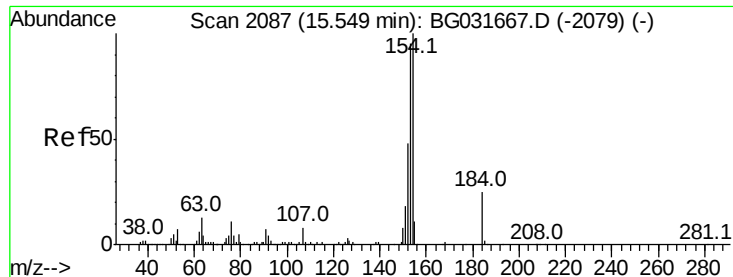


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

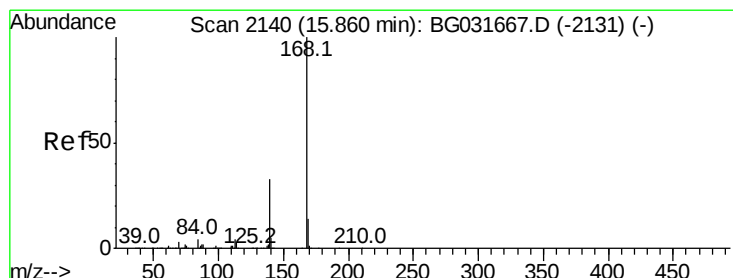
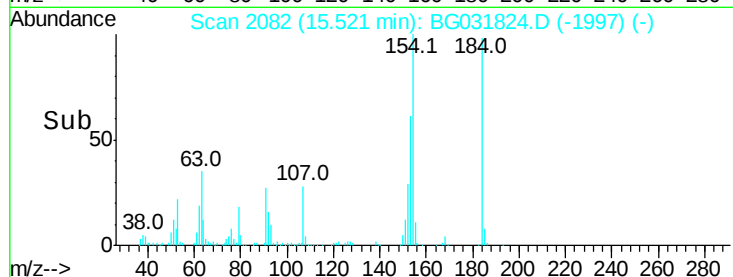
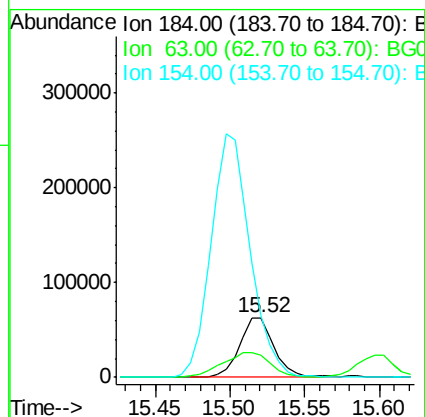
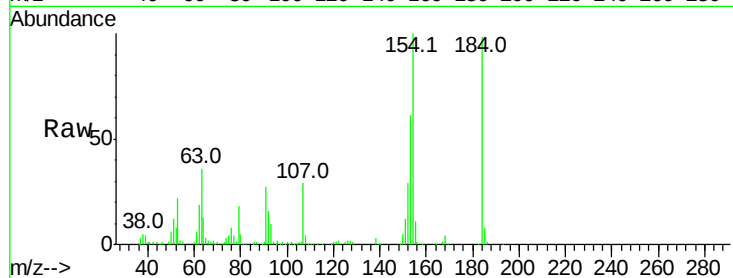




#53
2,4-Dinitrophenol
Concen: 97.140 ng
RT: 15.52 min Scan# 2082
Delta R.T. -0.03 min
Lab File: BG031824.D
Acq: 28 Dec 2017 14:27

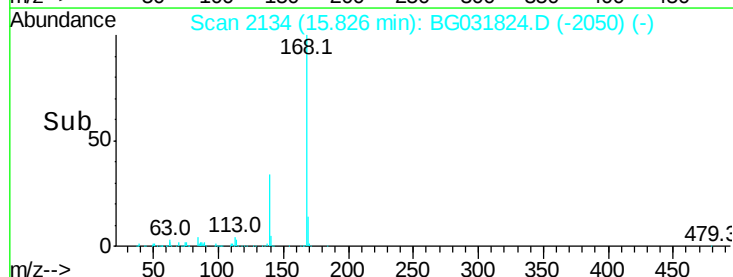
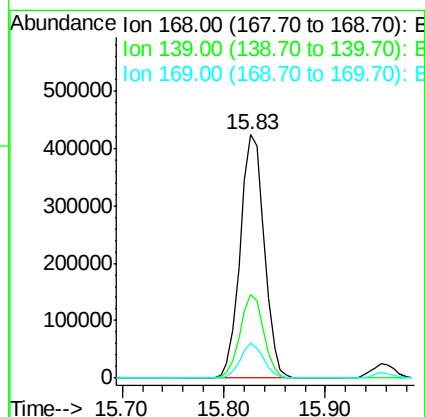
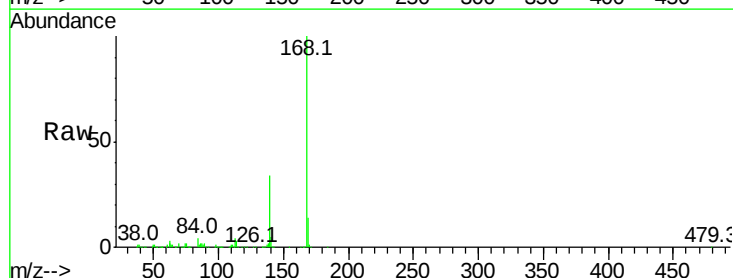
Instrument :
BNA_G
ClientSampleId :

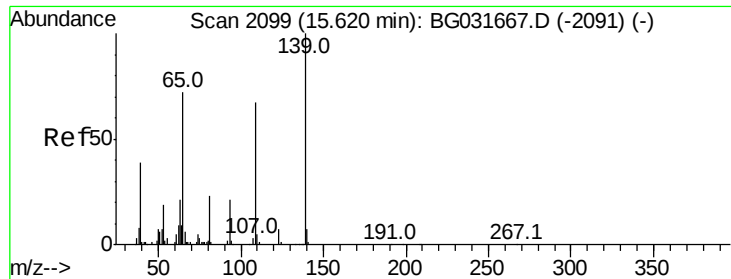
Tot Ion:184 Resp: 100723
Ion Ratio Lower Upper
184 100
63 36.8 59.8 89.8#
154 102.5 101.8 152.8



#54
Dibenzofuran
Concen: 44.890 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.03 min
Lab File: BG031824.D
Acq: 28 Dec 2017 14:27

Tgt Ion:168 Resp: 694462
Ion Ratio Lower Upper
168 100
139 34.4 28.6 43.0
169 14.2 11.2 16.8

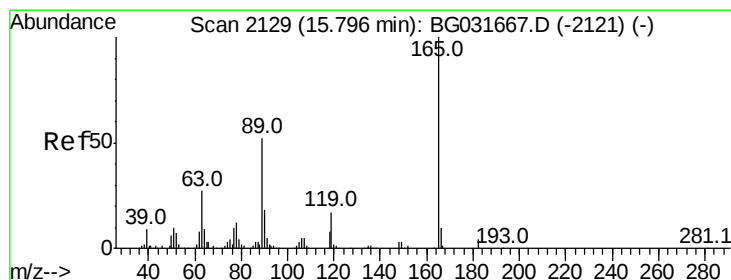
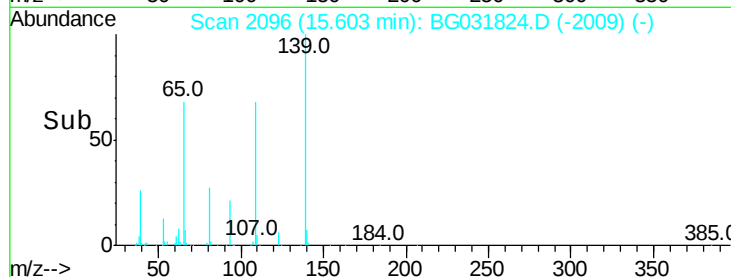
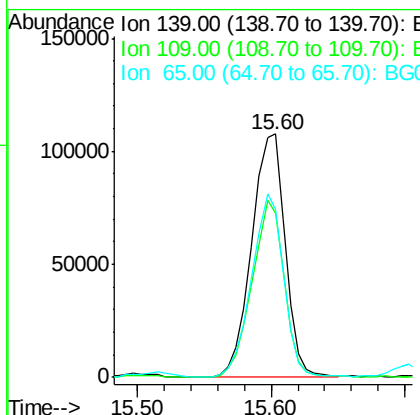
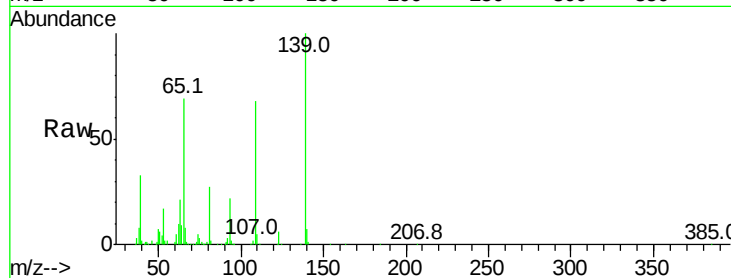




#55
4-Nitrophenol
Concen: 98.248 ng
RT: 15.60 min Scan# 2096
Delta R.T. -0.02 min
Lab File: BG031824.D
Acq: 28 Dec 2017 14:27

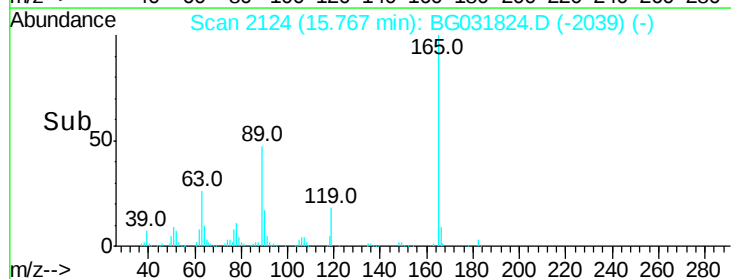
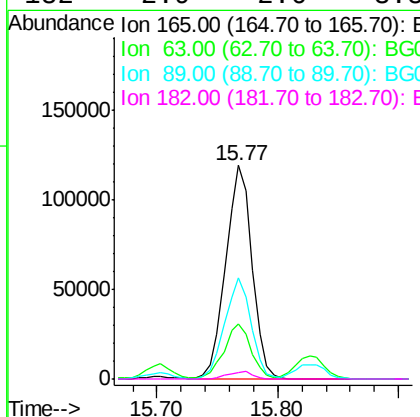
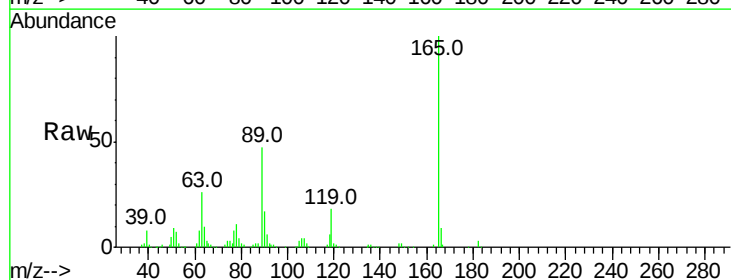
Instrument :
BNA_G
ClientSampleId :

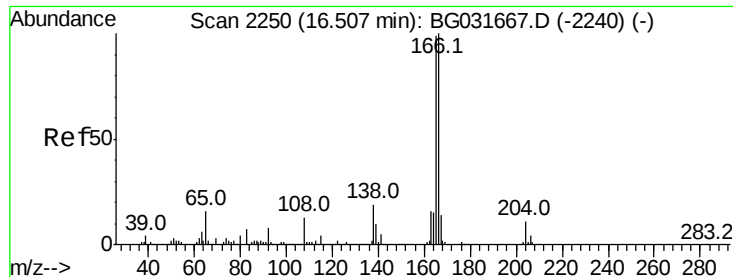
Tot Ion	Ratio	Lower	Upper
139	100		
109	67.5	62.2	102.2
65	68.9	97.2	137.2#



#56
2,4-Dinitrotoluene
Concen: 58.423 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.03 min
Lab File: BG031824.D
Acq: 28 Dec 2017 14:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	25.8	42.0	63.0#
89	47.4	66.9	100.3#
182	2.9	2.6	3.8

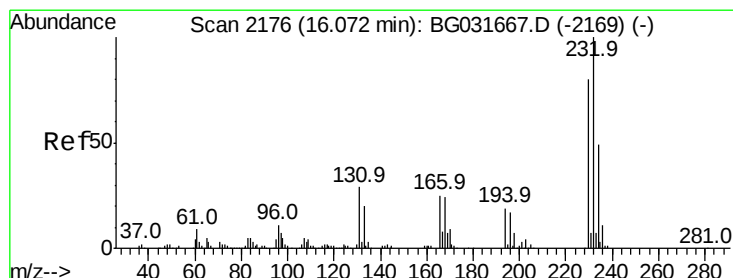
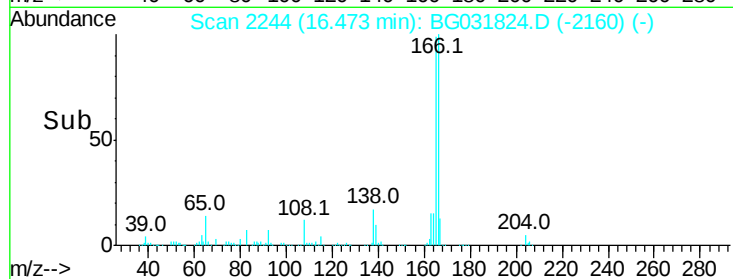
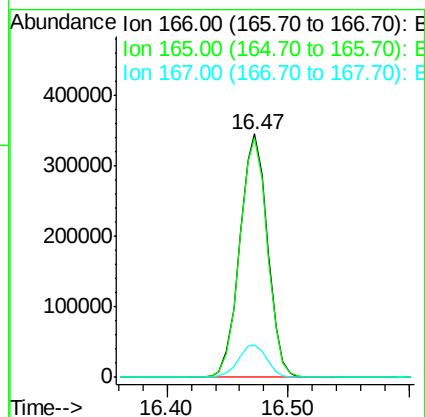
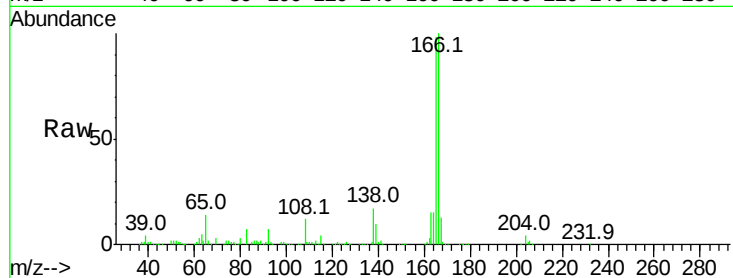




#57
 Fluorene
 Concen: 43.967 ng
 RT: 16.47 min Scan# 2244
 Delta R.T. -0.03 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

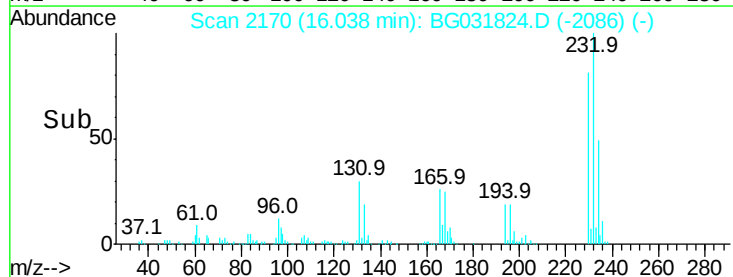
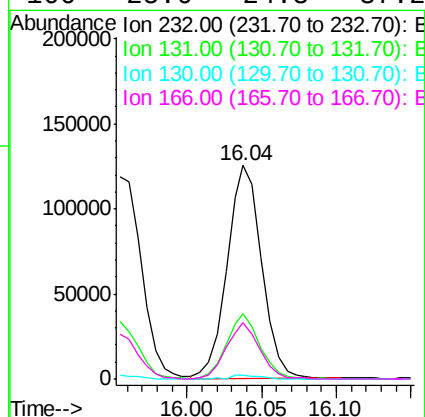
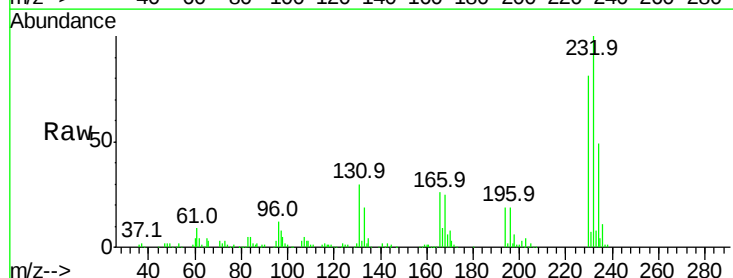
Instrument :
 BNA_G
 ClientSampleId :

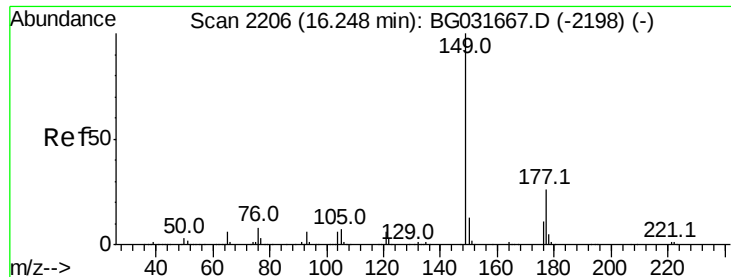
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.5	80.6	121.0
167	13.5	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.947 ng
 RT: 16.04 min Scan# 2170
 Delta R.T. -0.03 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

Tgt Ion	Ratio	Lower	Upper
232	100		
131	29.3	33.5	50.3#
130	1.6	2.2	3.2#
166	25.6	24.8	37.2

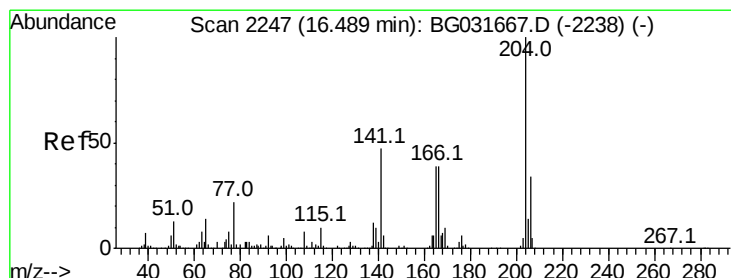
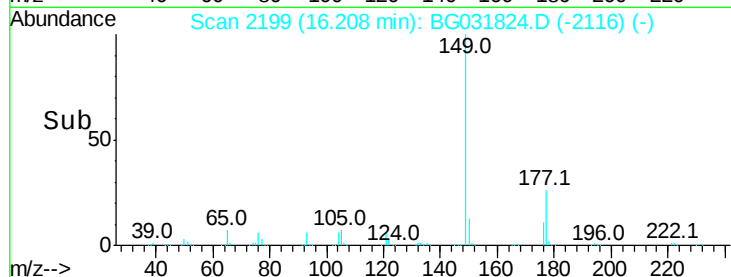
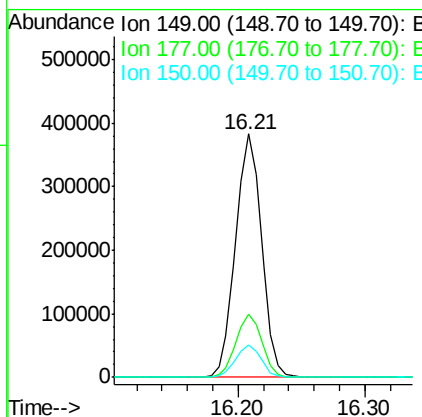
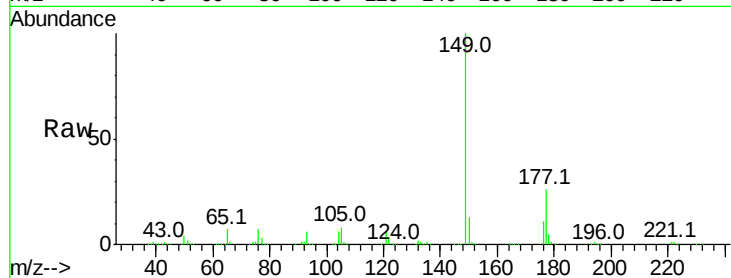




#59
Diethylphthalate
Concen: 42.757 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BG031824.D
Acq: 28 Dec 2017 14:27

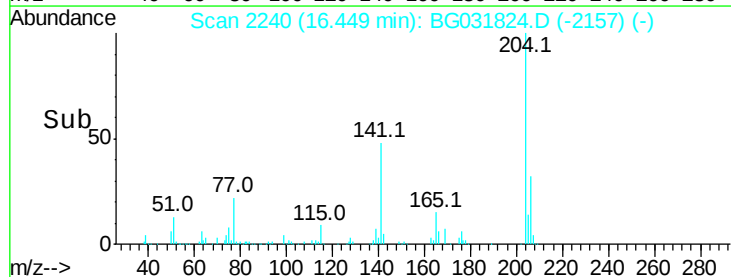
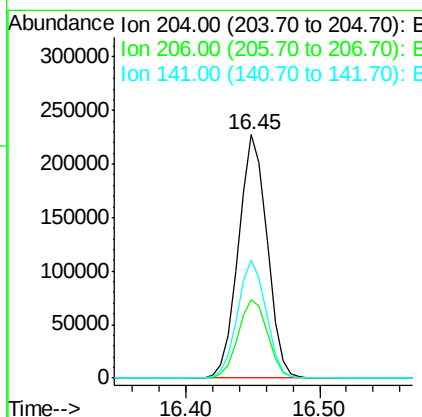
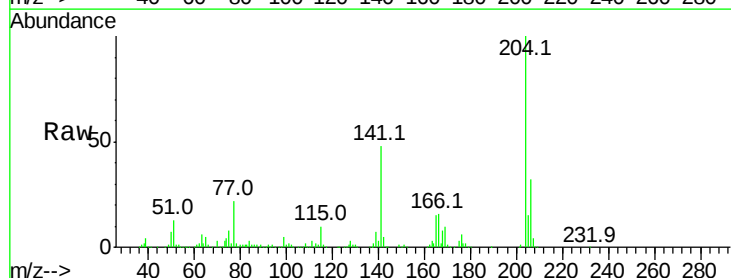
Instrument :
BNA_G
ClientSampled :

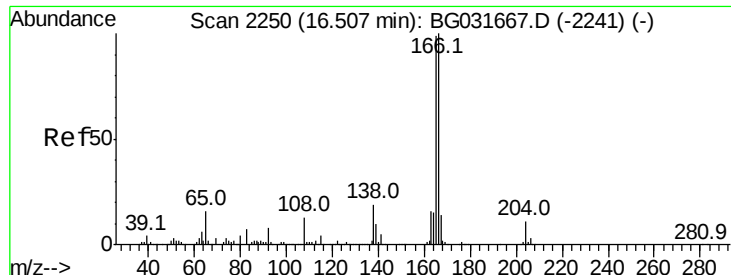
Tot Ion:149 Resp: 542816
Ion Ratio Lower Upper
149 100
177 26.0 18.5 27.7
150 13.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.738 ng
RT: 16.45 min Scan# 2240
Delta R.T. -0.04 min
Lab File: BG031824.D
Acq: 28 Dec 2017 14:27

Tgt Ion:204 Resp: 336331
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 48.4 45.8 68.6

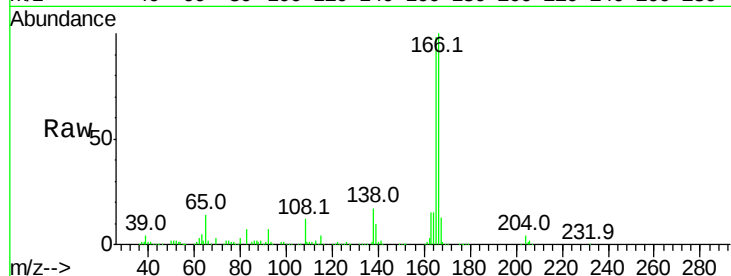




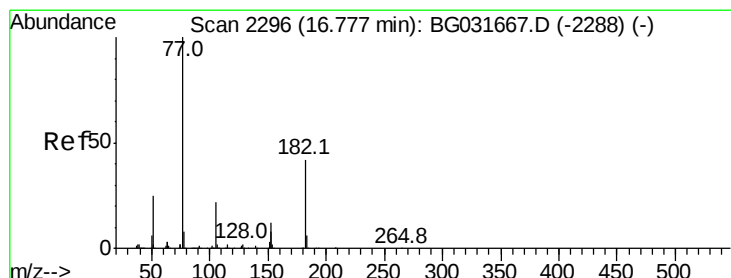
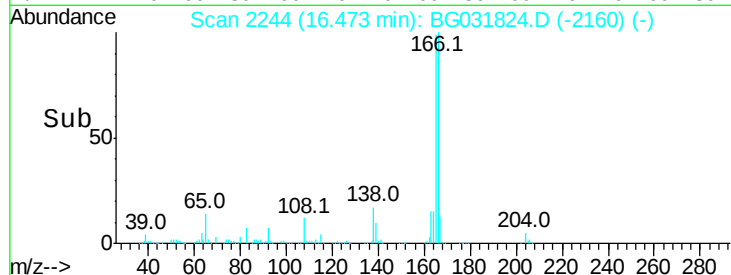
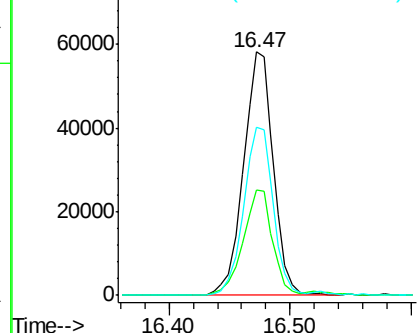
#61
4-Nitroaniline
Concen: 43.554 ng
RT: 16.47 min Scan# 2244
Delta R.T. -0.03 min
Lab File: BG031824.D
Acq: 28 Dec 2017 14:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.3	40.1	80.1
108	68.8	65.4	105.4

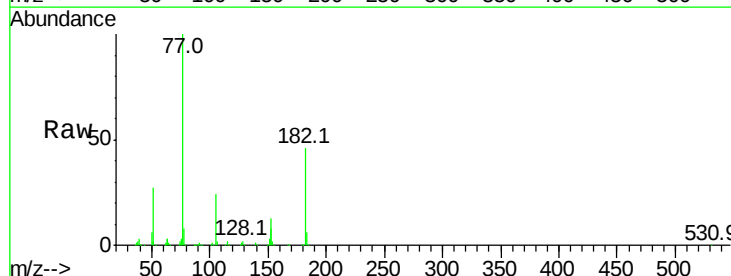


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

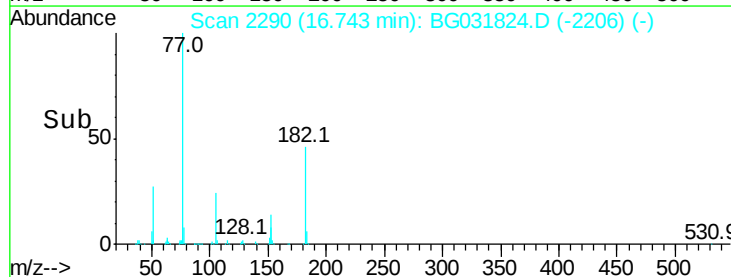
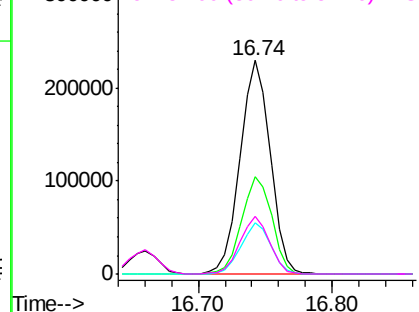


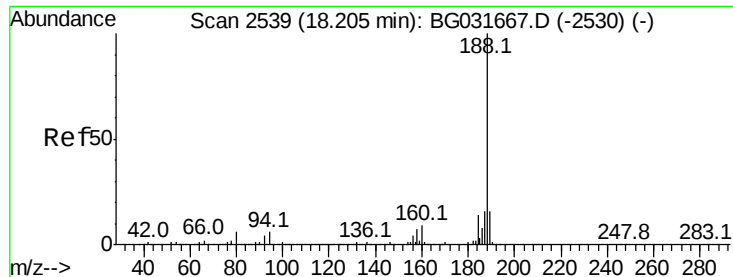
#62
Azobenzene
Concen: 44.026 ng
RT: 16.74 min Scan# 2290
Delta R.T. -0.03 min
Lab File: BG031824.D
Acq: 28 Dec 2017 14:27

Tgt Ion	Ratio	Lower	Upper
77	100		
182	45.6	7.4	47.4
105	24.0	0.3	40.3
51	27.0	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

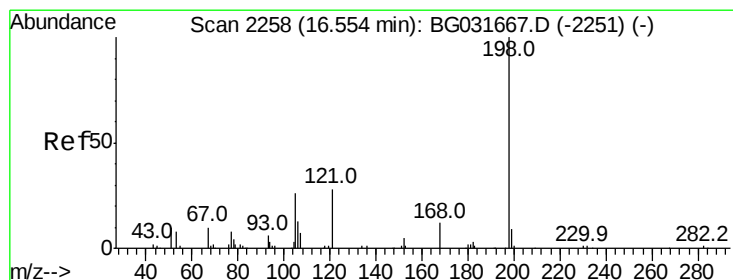
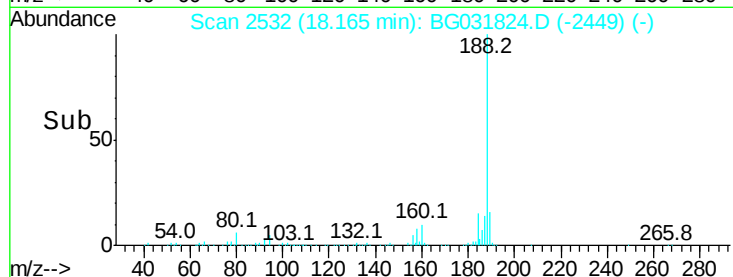
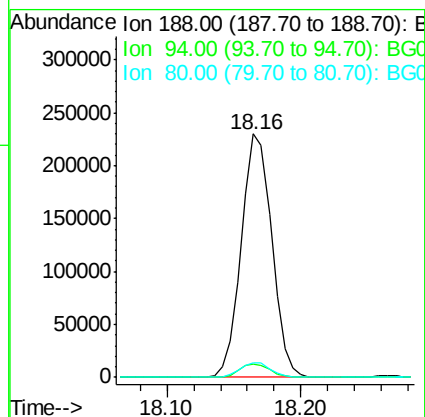
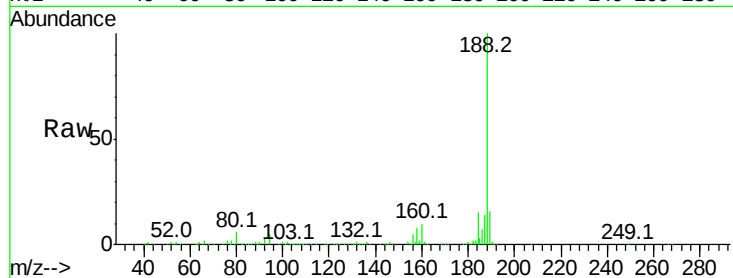




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031824.D
Acq: 28 Dec 2017 14:27

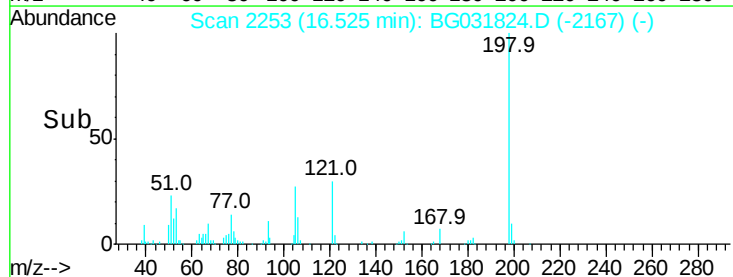
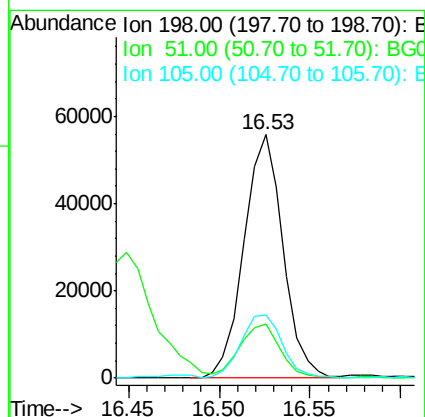
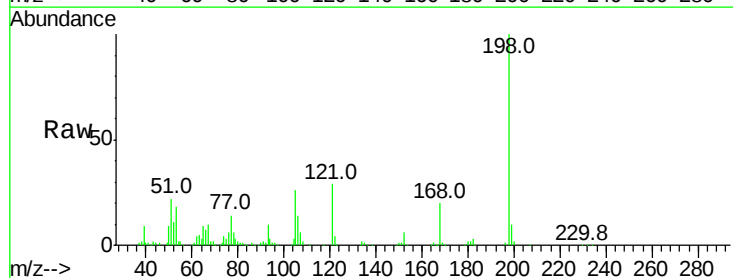
Instrument :
BNA_G
ClientSampleId :

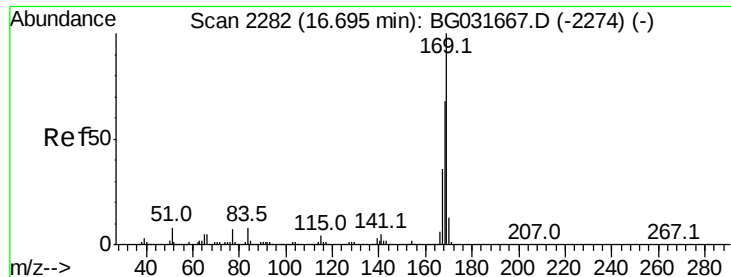
Tot Ion:188 Resp: 364084
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 6.2 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 47.548 ng
RT: 16.53 min Scan# 2253
Delta R.T. -0.03 min
Lab File: BG031824.D
Acq: 28 Dec 2017 14:27

Tgt Ion:198 Resp: 84049
Ion Ratio Lower Upper
198 100
51 22.3 30.6 70.6#
105 25.9 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 42.681 ng

RT: 16.66 min Scan# 2276

Delta R.T. -0.03 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

Instrument :

BNA_G

ClientSampleId :

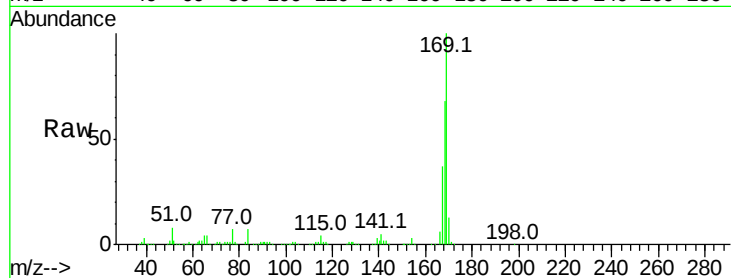
Tot Ion:169 Resp: 516108

Ion Ratio Lower Upper

169 100

168 68.0 55.7 83.5

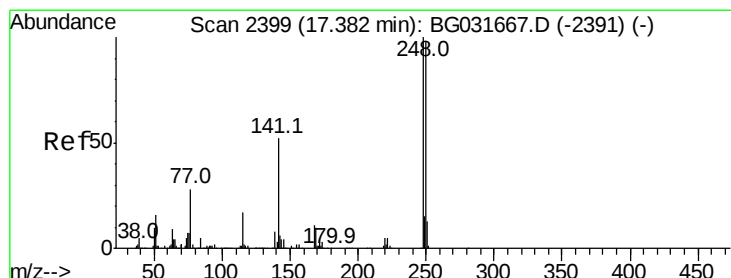
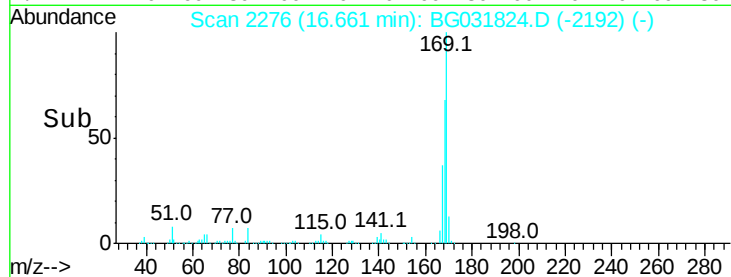
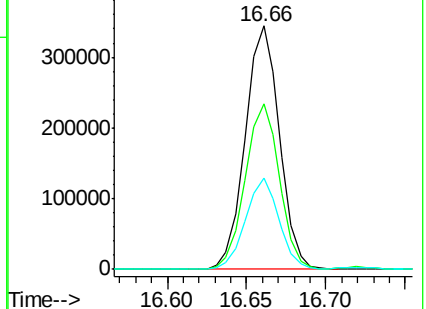
167 37.3 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.733 ng

RT: 17.34 min Scan# 2392

Delta R.T. -0.04 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

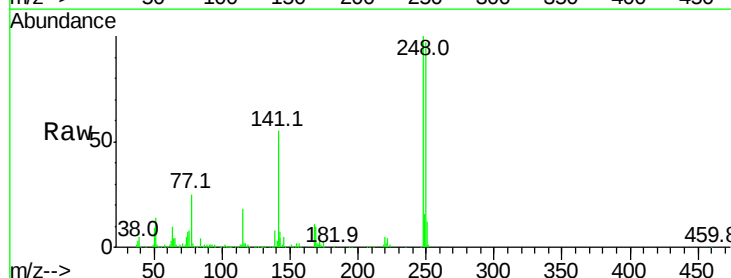
Tgt Ion:248 Resp: 240776

Ion Ratio Lower Upper

248 100

250 96.8 77.1 115.7

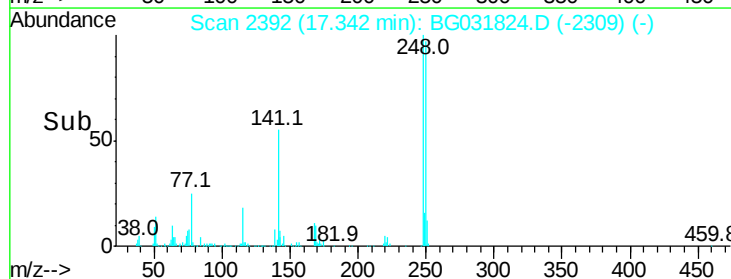
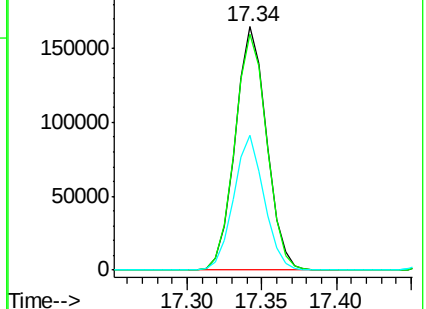
141 55.2 50.8 76.2

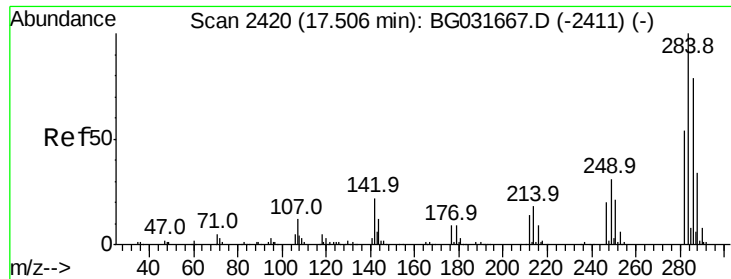


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.543 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.04 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

Instrument :

BNA_G

ClientSampleId :

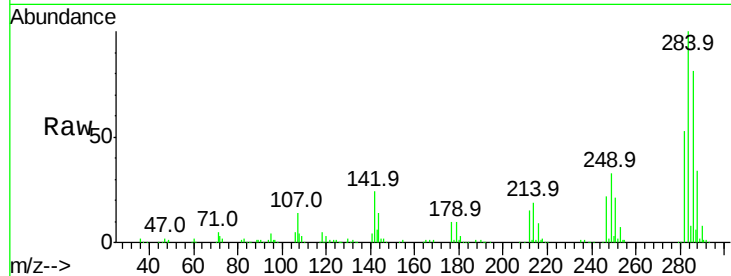
Tot Ion:284 Resp: 250495

Ion Ratio Lower Upper

284 100

142 24.0 26.8 40.2#

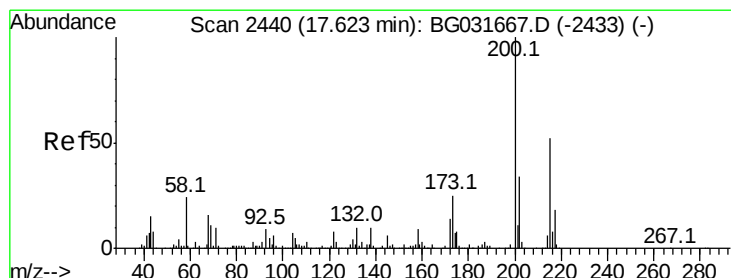
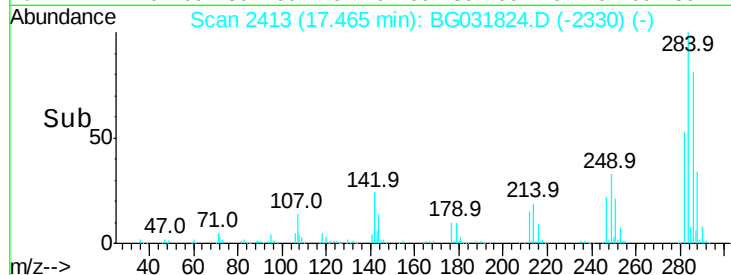
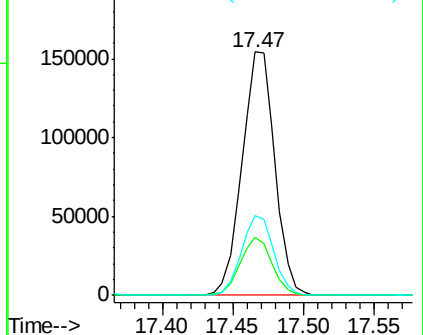
249 32.8 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.417 ng

RT: 17.58 min Scan# 2433

Delta R.T. -0.04 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

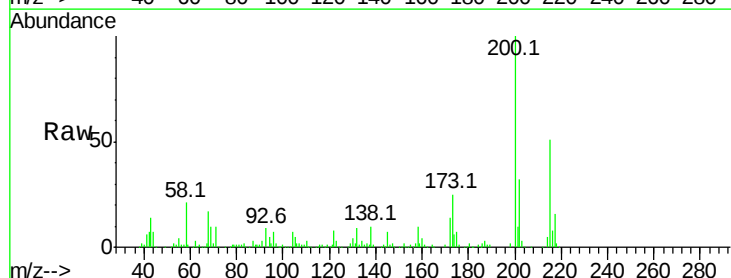
Tgt Ion:200 Resp: 222951

Ion Ratio Lower Upper

200 100

173 24.7 5.2 45.2

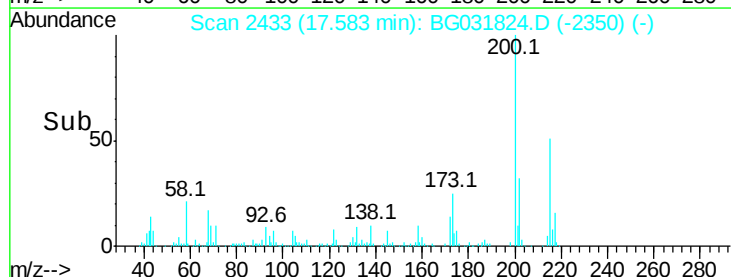
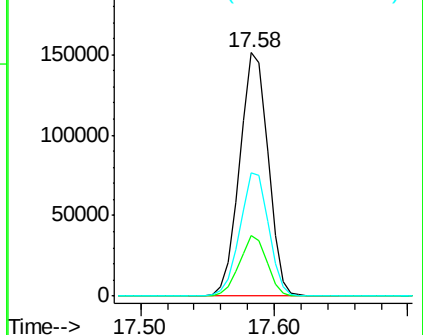
215 50.7 30.4 70.4

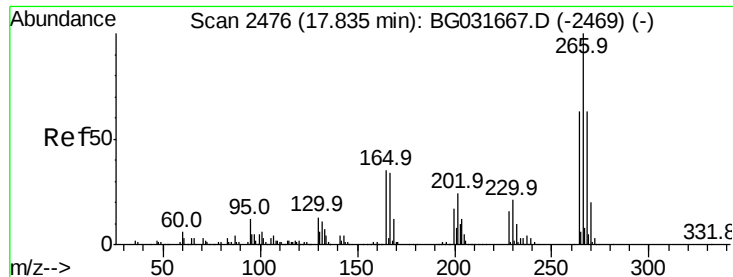


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

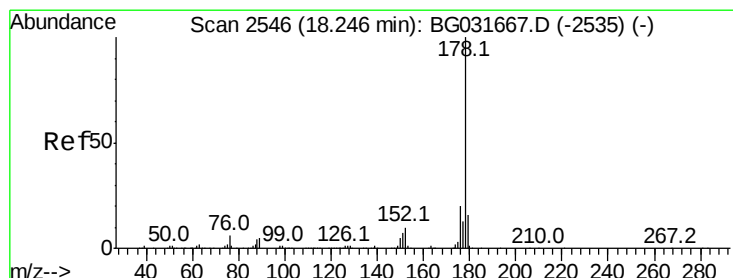
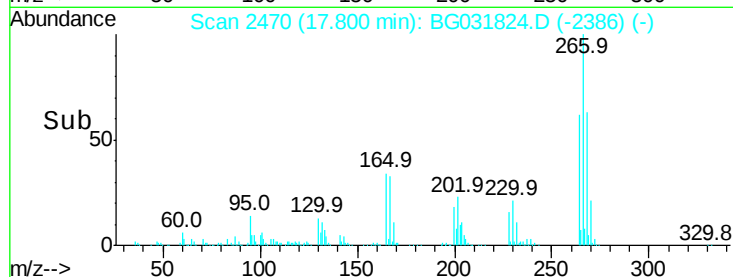
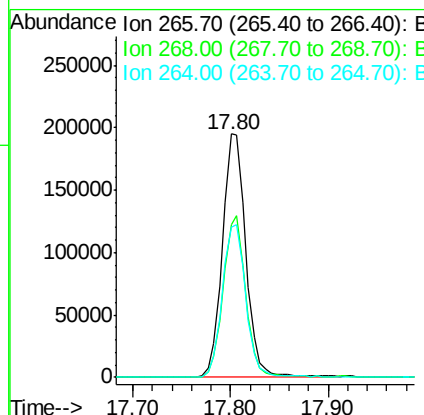
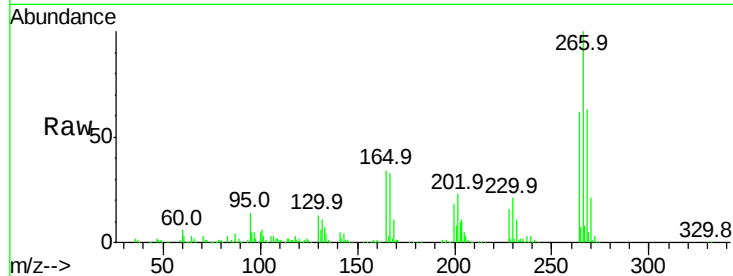




#69
 Pentachlorophenol
 Concen: 87.884 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.03 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

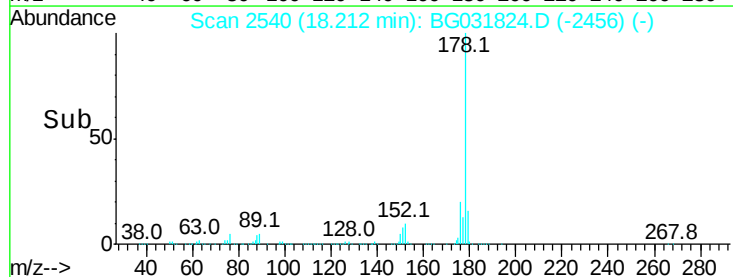
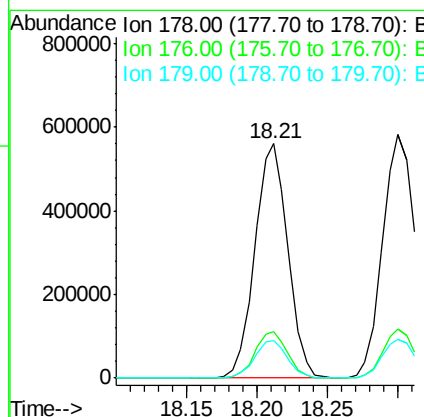
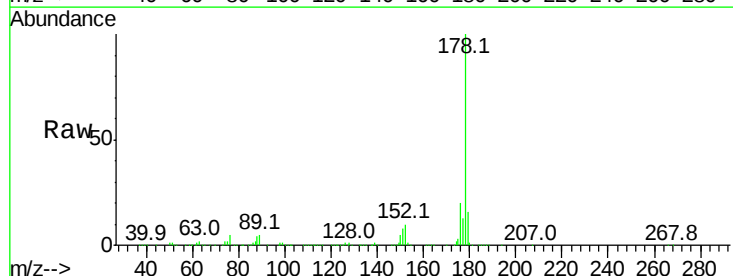
Instrument :
 BNA_G
 ClientSampleId :

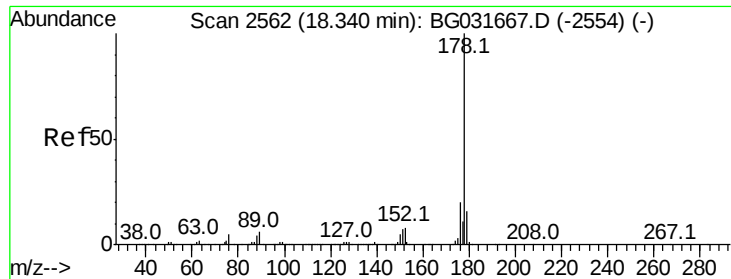
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.5	51.1	76.7
264	61.7	49.6	74.4



#70
 Phenanthrene
 Concen: 44.443 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.03 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	16.0	12.5	18.7

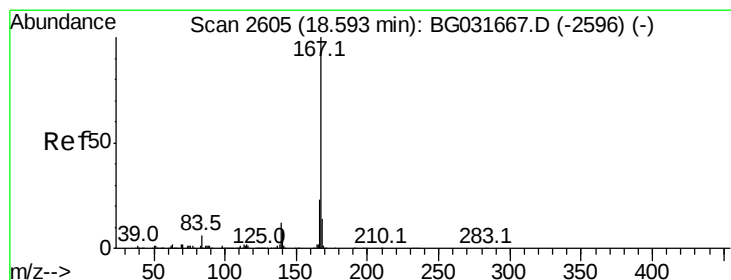
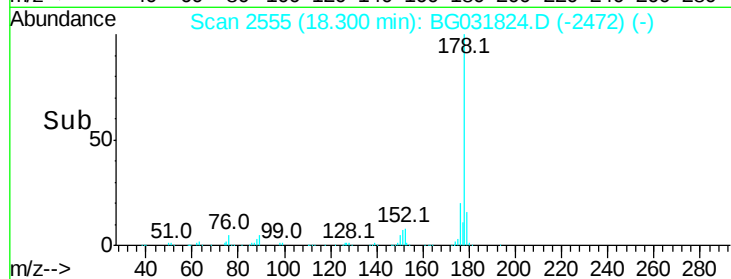
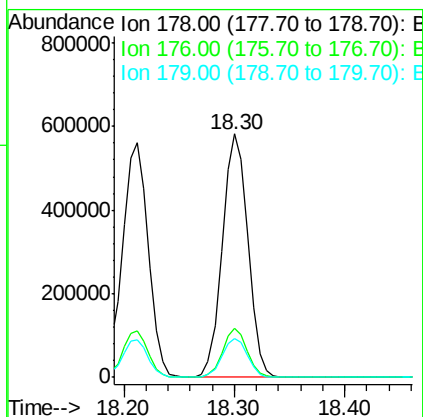
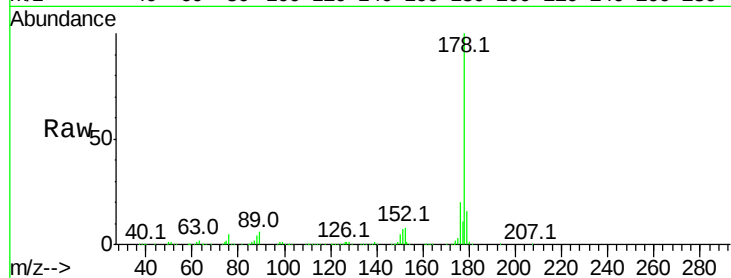




#71
 Anthracene
 Concen: 45.220 ng
 RT: 18.30 min Scan# 2555
 Delta R.T. -0.04 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

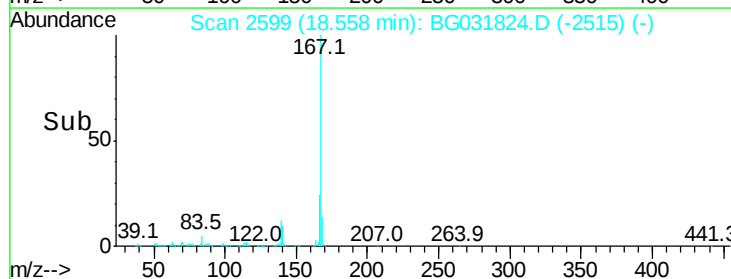
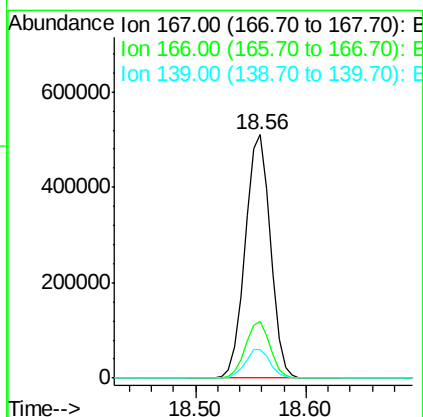
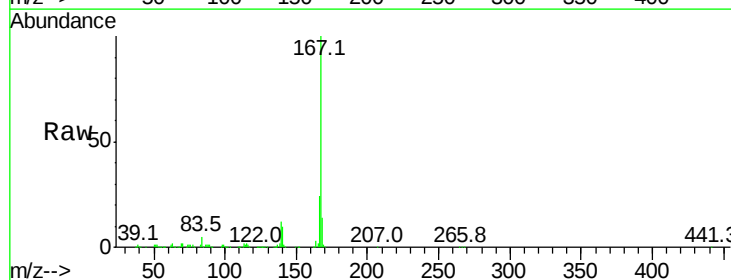
Instrument :
 BNA_G
 ClientSampleId :

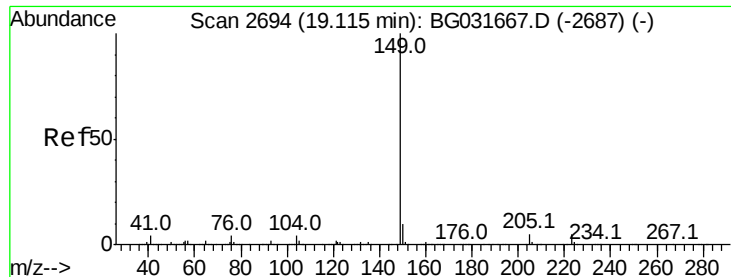
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	16.2	12.5	18.7



#72
 Carbazole
 Concen: 44.485 ng
 RT: 18.56 min Scan# 2599
 Delta R.T. -0.03 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.2	27.4
139	11.5	9.4	14.2

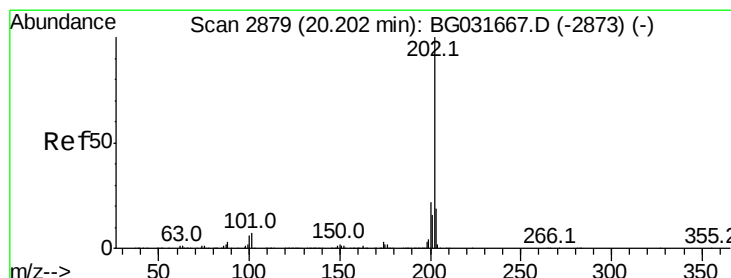
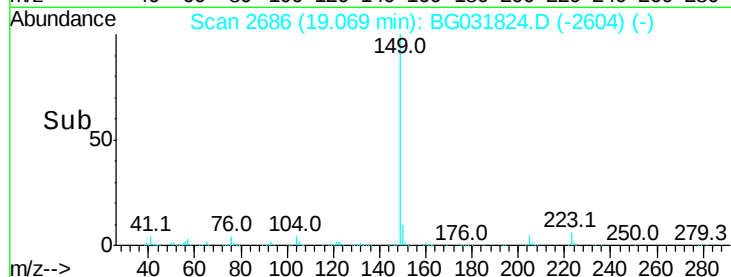
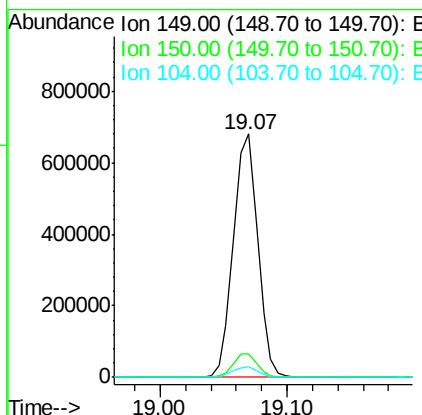
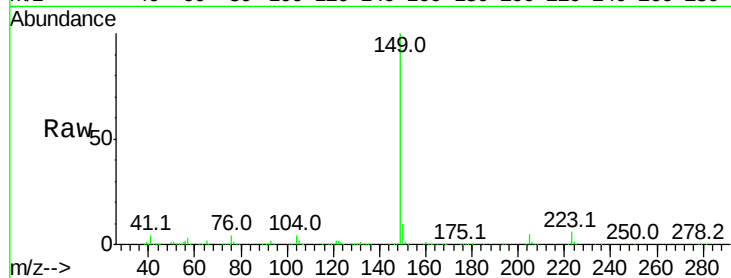




#73
Di-n-butylphthalate
Concen: 44.189 ng
RT: 19.07 min Scan# 2686
Delta R.T. -0.05 min
Lab File: BG031824.D
Acq: 28 Dec 2017 14:27

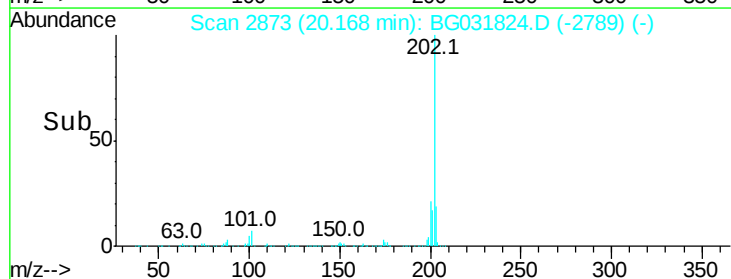
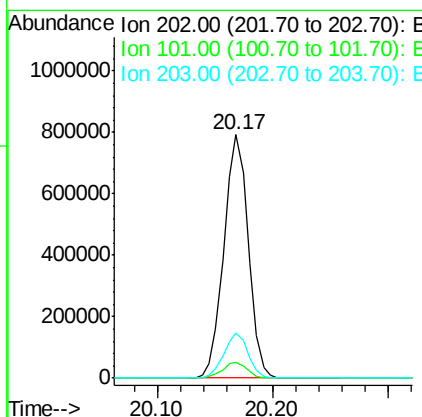
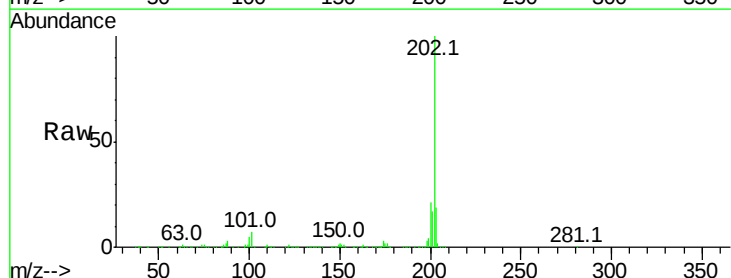
Instrument :
BNA_G
ClientSampleId :

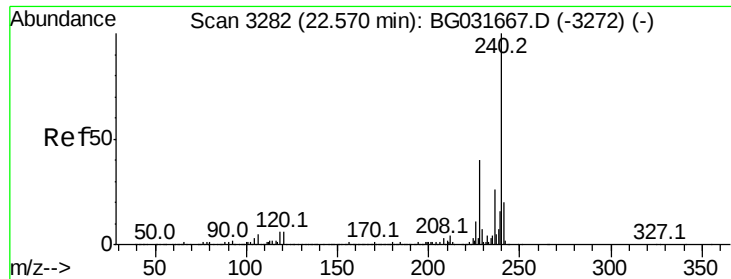
Tot Ion:149 Resp: 903412
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 4.4 3.9 5.9



#74
Fluoranthene
Concen: 45.678 ng
RT: 20.17 min Scan# 2873
Delta R.T. -0.03 min
Lab File: BG031824.D
Acq: 28 Dec 2017 14:27

Tgt Ion:202 Resp: 1154807
Ion Ratio Lower Upper
202 100
101 6.7 0.0 28.9
203 18.7 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.52 min Scan# 3273

Delta R.T. -0.05 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

Instrument :

BNA_G

ClientSampleId :

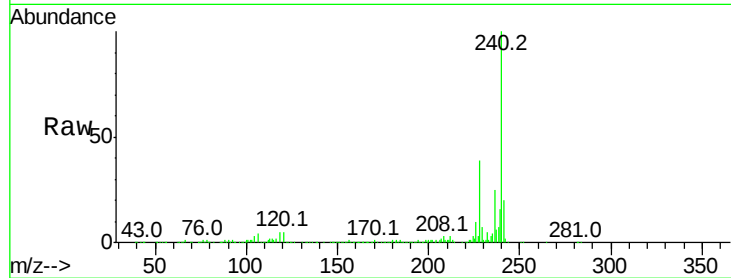
Tot Ion:240 Resp: 418894

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

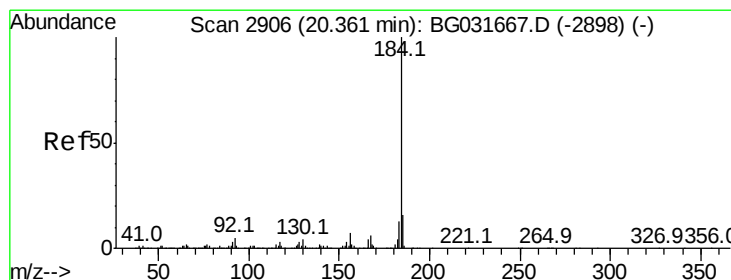
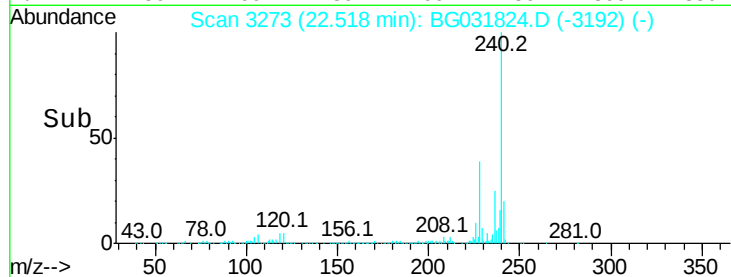
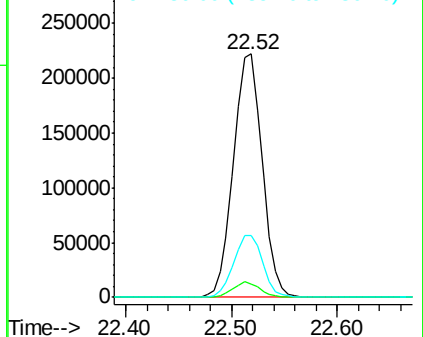
236 25.5 20.9 31.3



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: 19.518 ng

RT: 20.33 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

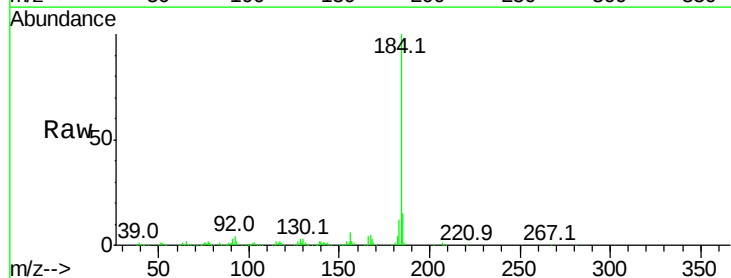
Tgt Ion:184 Resp: 252355

Ion Ratio Lower Upper

184 100

185 15.2 11.1 16.7

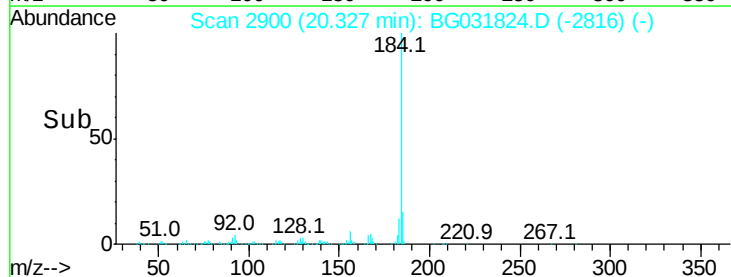
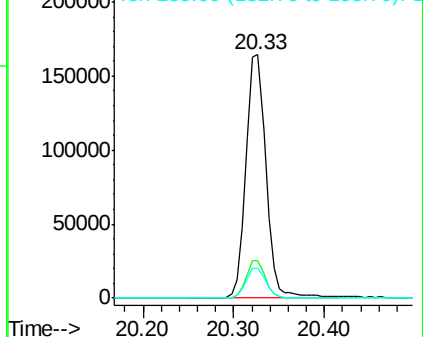
183 12.4 10.6 16.0

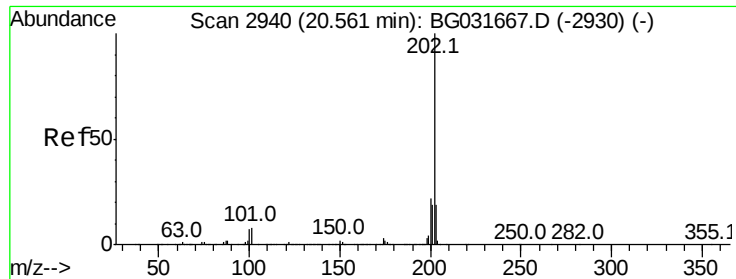


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

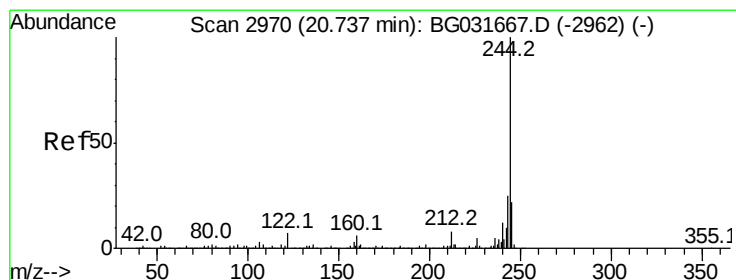
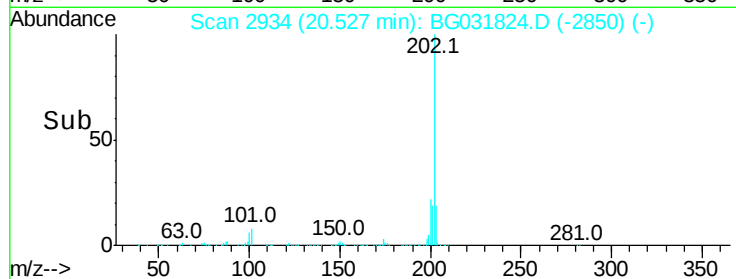
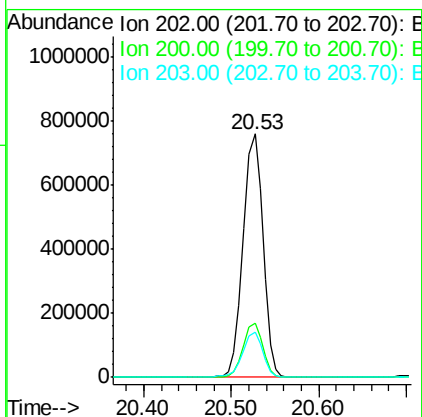
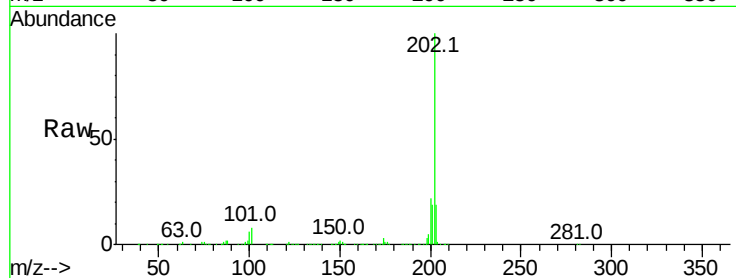




#77
Pvrene
Concen: 43.444 ng
RT: 20.53 min Scan# 2934
Delta R.T. -0.03 min
Lab File: BG031824.D
Acq: 28 Dec 2017 14:27

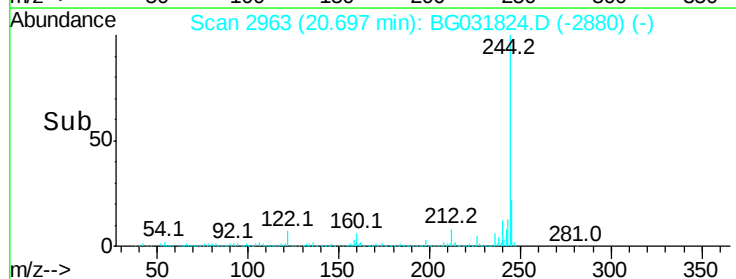
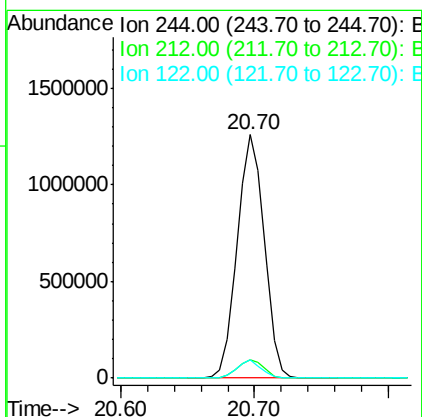
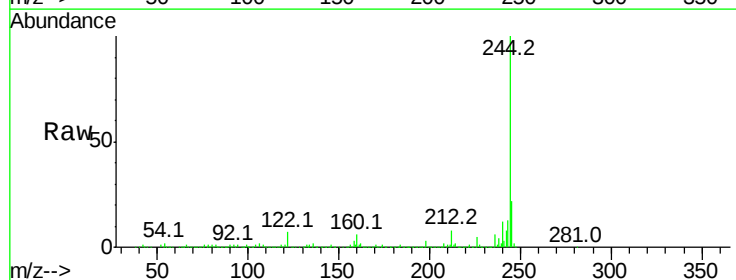
Instrument :
BNA_G
ClientSampleId :

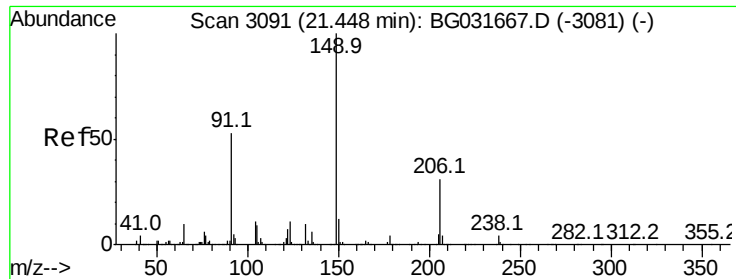
Tot Ion:202 Resp: 1162451
Ion Ratio Lower Upper
202 100
200 22.2 16.9 25.3
203 18.7 13.9 20.9



#78
Terphenyl-d14
Concen: 96.434 ng
RT: 20.70 min Scan# 2963
Delta R.T. -0.04 min
Lab File: BG031824.D
Acq: 28 Dec 2017 14:27

Tgt Ion:244 Resp: 1768137
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.8
122 7.3 7.0 10.4

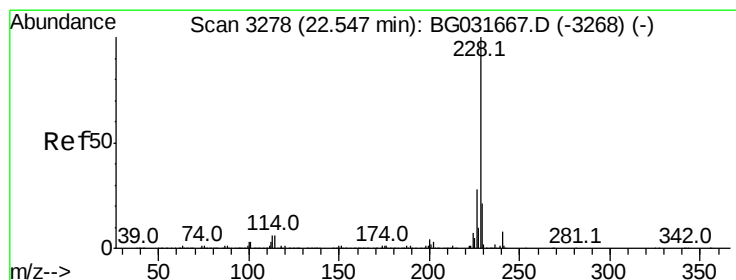
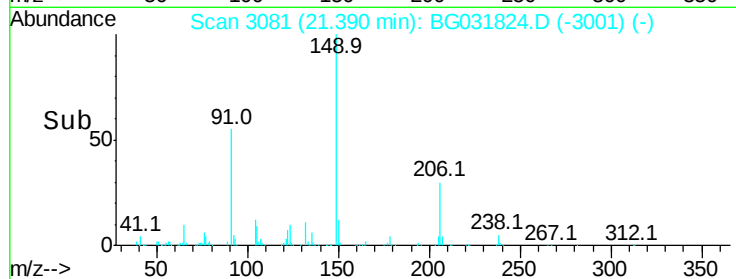
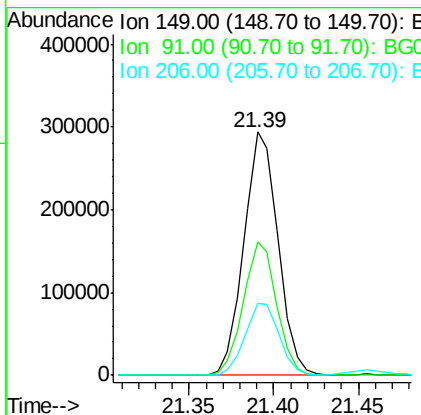
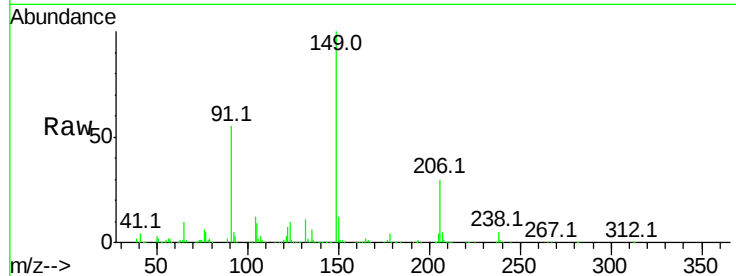




#79
Butylbenzylphthalate
Concen: 46.051 ng
RT: 21.39 min Scan# 3081
Delta R.T. -0.06 min
Lab File: BG031824.D
Acq: 28 Dec 2017 14:27

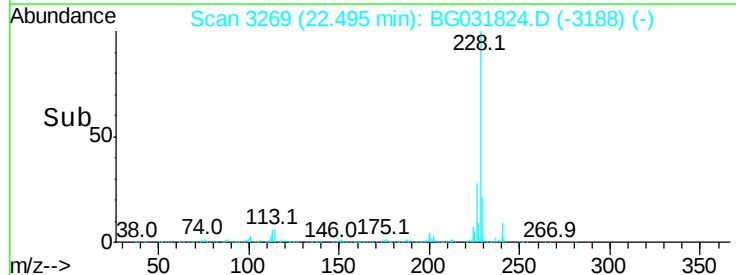
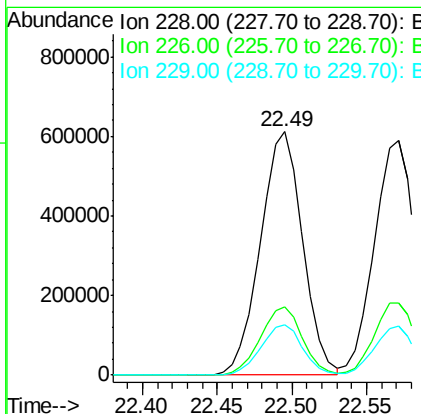
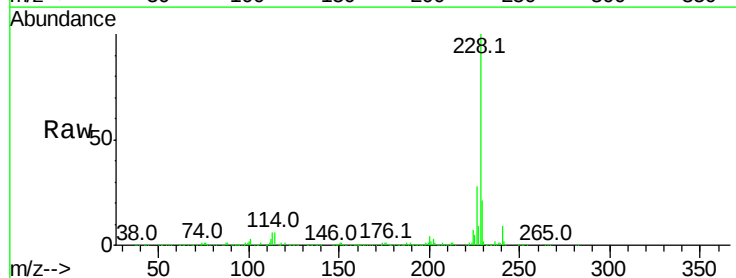
Instrument :
BNA_G
ClientSampleId :

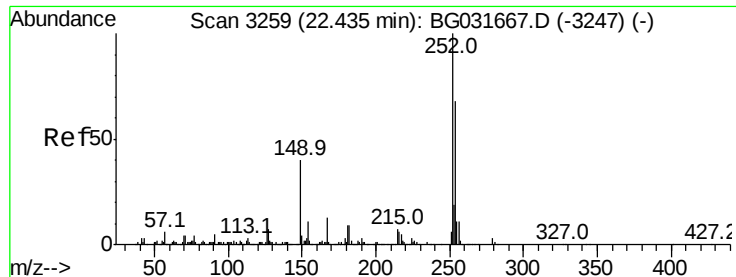
Tot Ion	Ratio	Lower	Upper
149	100		
91	54.6	62.2	93.2#
206	29.8	18.6	27.8#



#80
Benzo(a)anthracene
Concen: 44.996 ng
RT: 22.49 min Scan# 3269
Delta R.T. -0.05 min
Lab File: BG031824.D
Acq: 28 Dec 2017 14:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.7	34.1
229	20.7	16.2	24.2

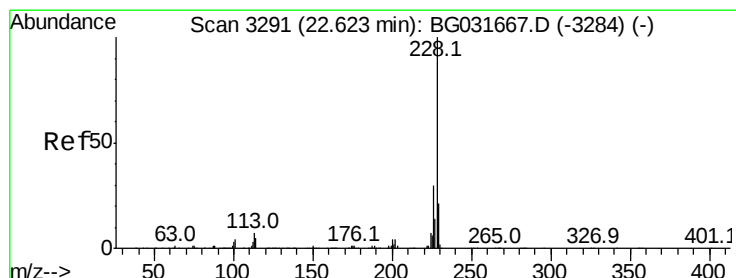
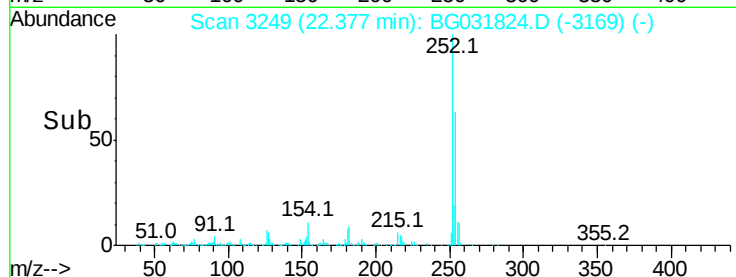
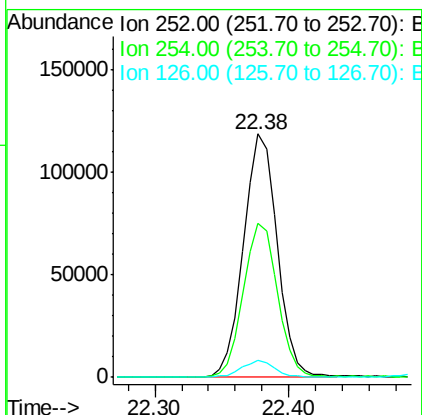
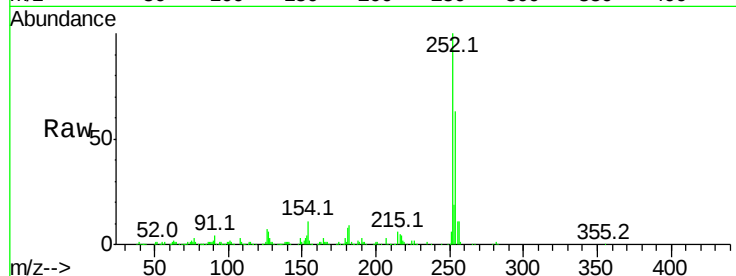




#81
 3,3'-Dichlorobenzidine
 Concen: 20.063 ng
 RT: 22.38 min Scan# 3249
 Delta R.T. -0.06 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

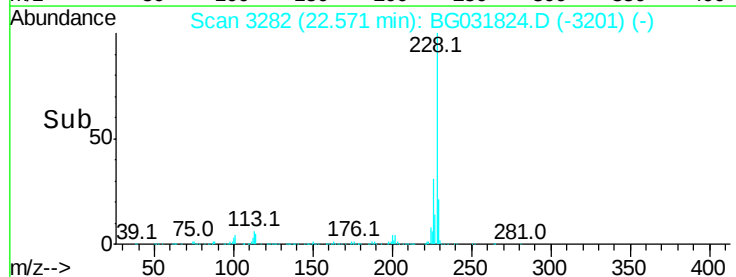
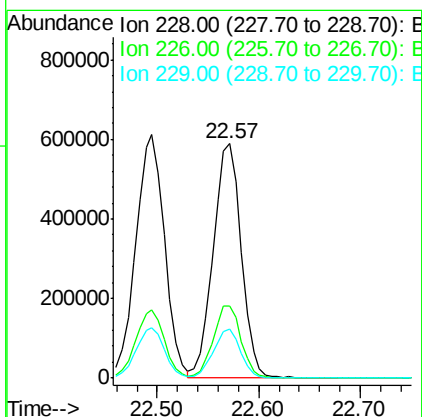
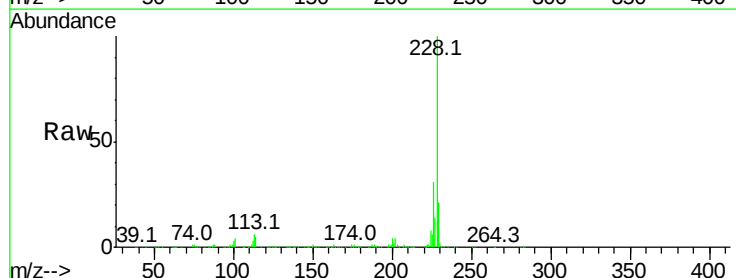
Instrument :
 BNA_G
 ClientSampleId :

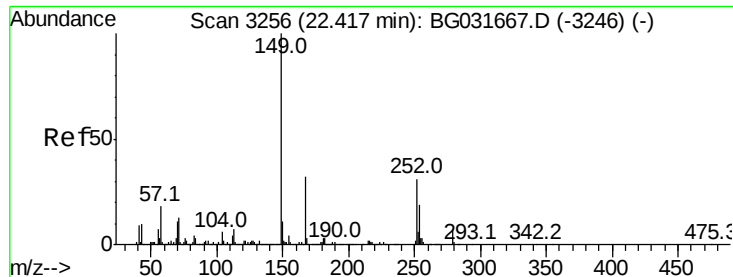
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	50.8	76.2
126	7.2	7.4	11.2#



#82
 Chrysene
 Concen: 44.724 ng
 RT: 22.57 min Scan# 3282
 Delta R.T. -0.05 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.8	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.569 ng

RT: 22.34 min Scan# 3243

Delta R.T. -0.08 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

Instrument :

BNA_G

ClientSampleId :

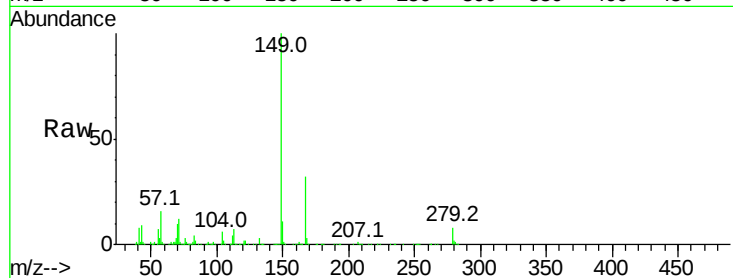
Tot Ion:149 Resp: 593022

Ion Ratio Lower Upper

149 100

167 31.5 24.3 36.5

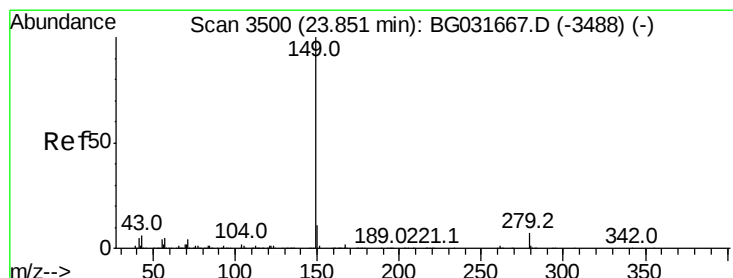
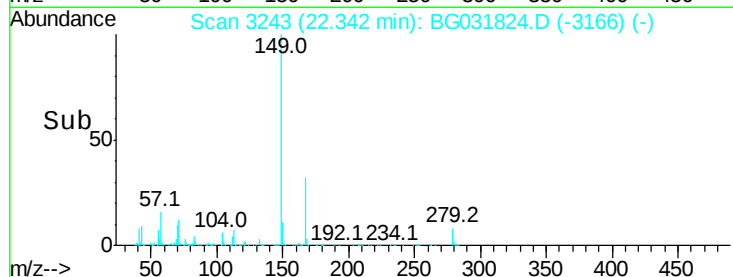
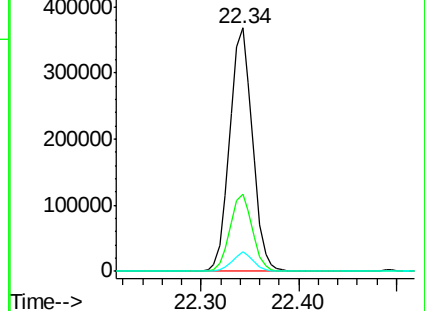
279 8.1 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.937 ng

RT: 23.75 min Scan# 3482

Delta R.T. -0.10 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

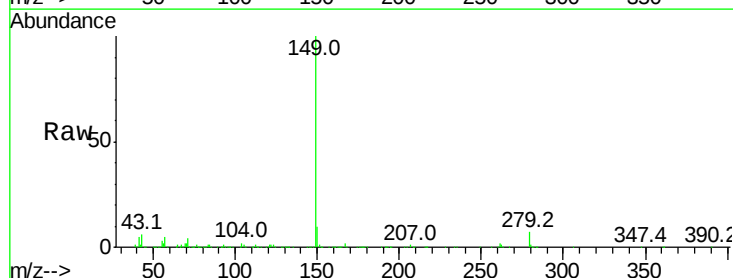
Tgt Ion:149 Resp: 1028717

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

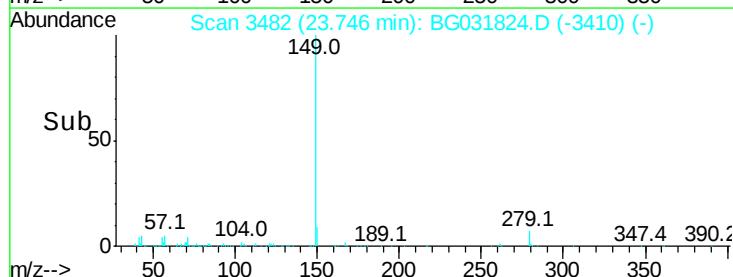
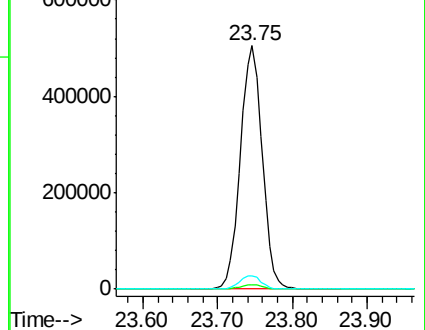
43 5.5 8.9 13.3#

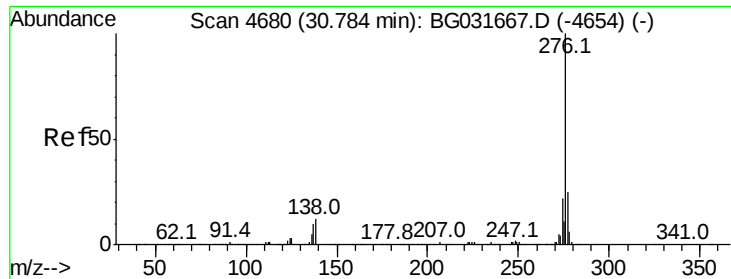


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



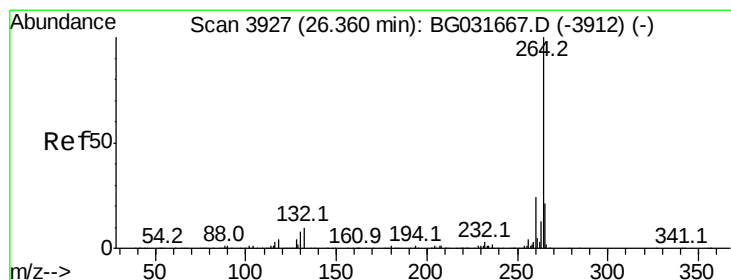
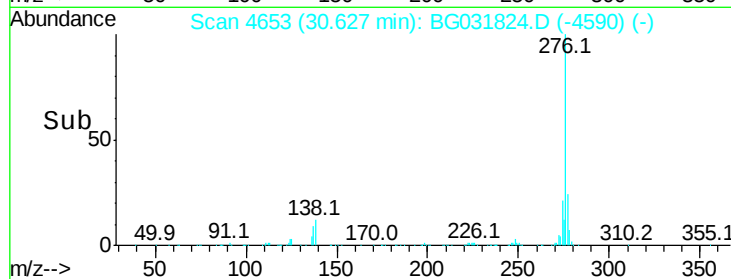
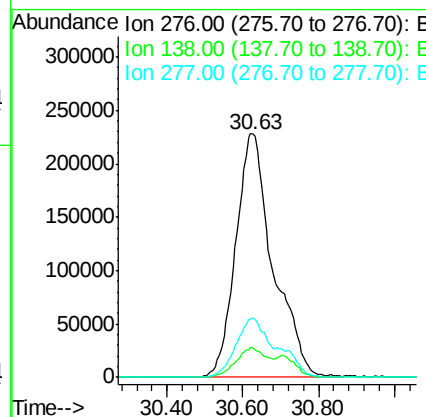
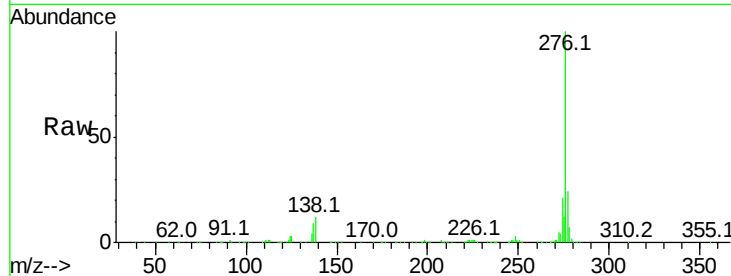


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.404 ng
 RT: 30.63 min Scan# 4653
 Delta R.T. -0.16 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1565602

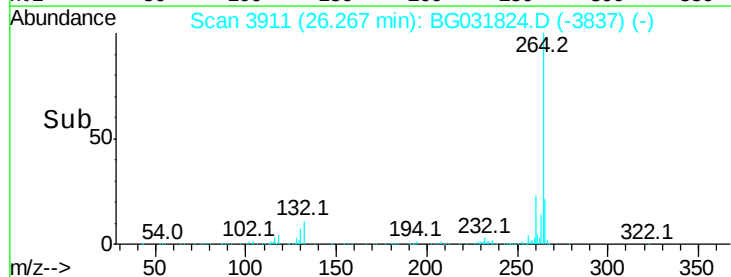
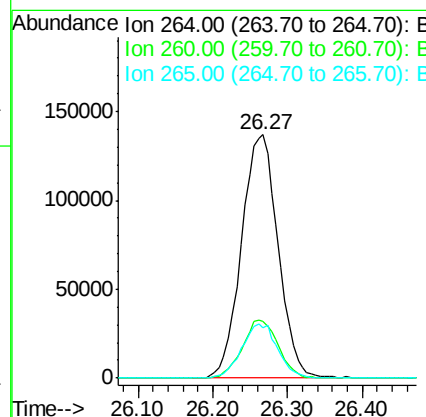
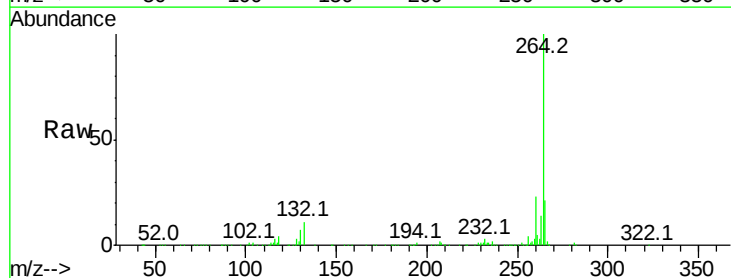
Ion	Ratio	Lower	Upper
276	100		
138	10.4	16.0	24.0#
277	20.3	20.0	30.0

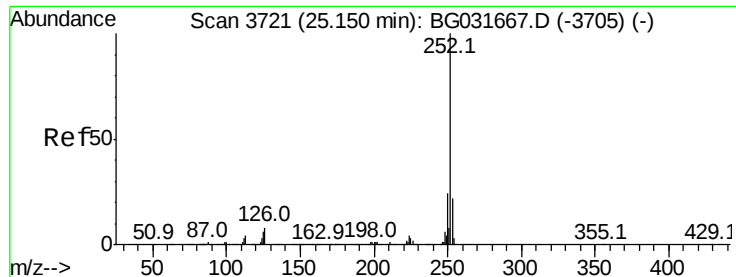


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.27 min Scan# 3911
 Delta R.T. -0.09 min
 Lab File: BG031824.D
 Acq: 28 Dec 2017 14:27

Tgt Ion:264 Resp: 464607

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	20.9	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 45.672 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.09 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

Instrument :

BNA_G

ClientSampleId :

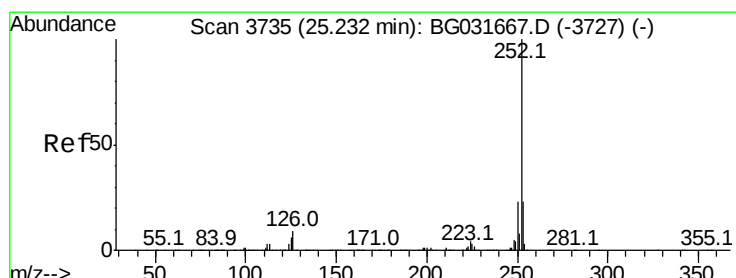
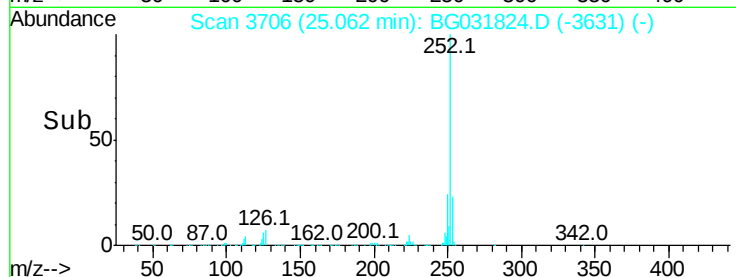
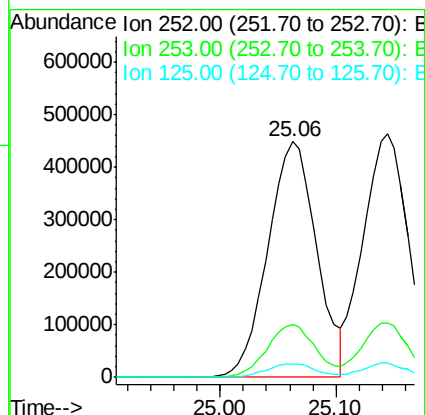
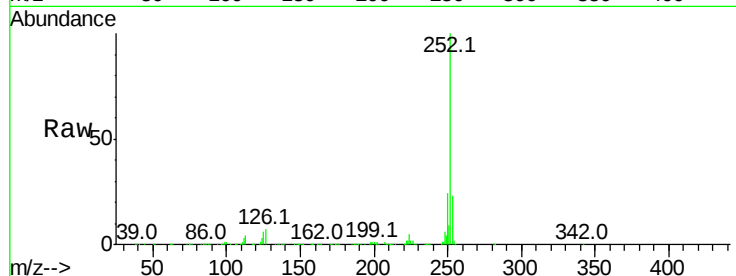
Tot Ion:252 Resp: 1317180

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

125 5.7 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 43.572 ng

RT: 25.14 min Scan# 3720

Delta R.T. -0.09 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

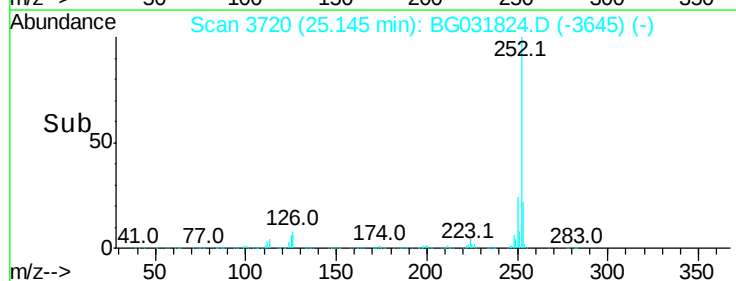
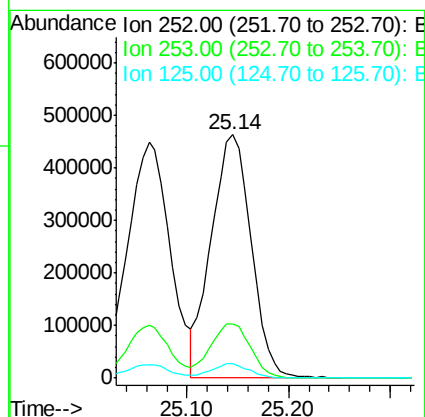
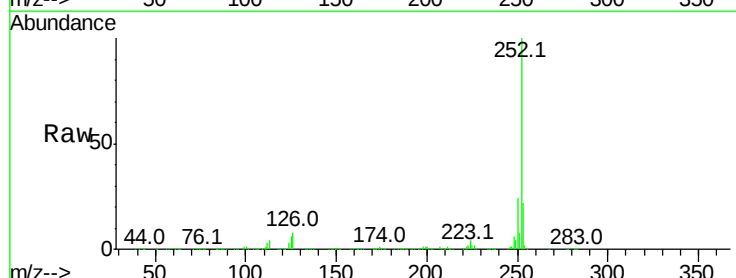
Tgt Ion:252 Resp: 1257579

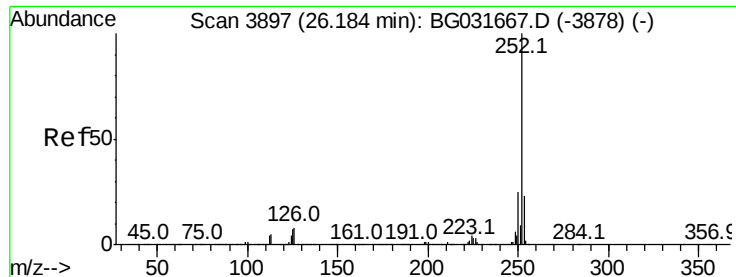
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 5.8 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 46.080 ng

RT: 26.09 min Scan# 3881

Delta R.T. -0.09 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

Instrument :

BNA_G

ClientSampleId :

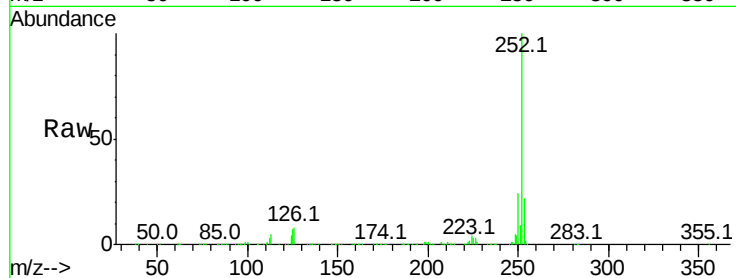
Tot Ion:252 Resp: 1272763

Ion Ratio Lower Upper

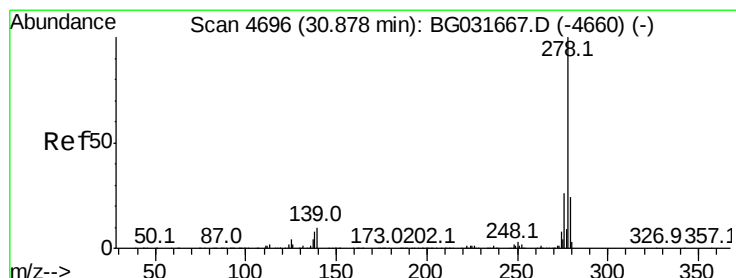
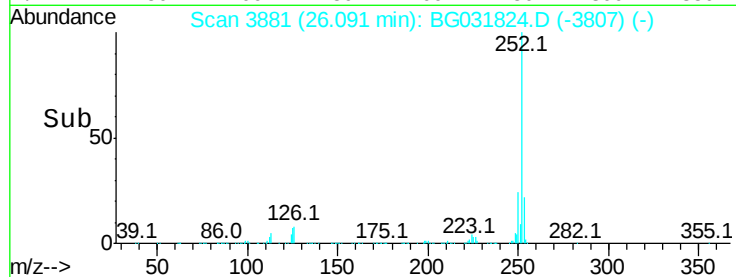
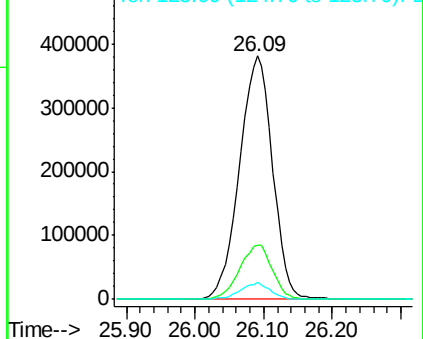
252 100

253 22.2 18.3 27.5

125 7.0 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: 45.723 ng

RT: 30.71 min Scan# 4667

Delta R.T. -0.17 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

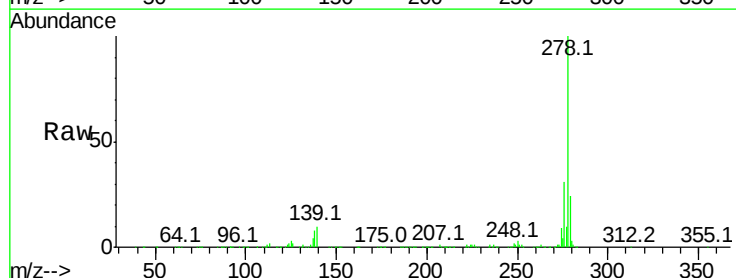
Tgt Ion:278 Resp: 1304307

Ion Ratio Lower Upper

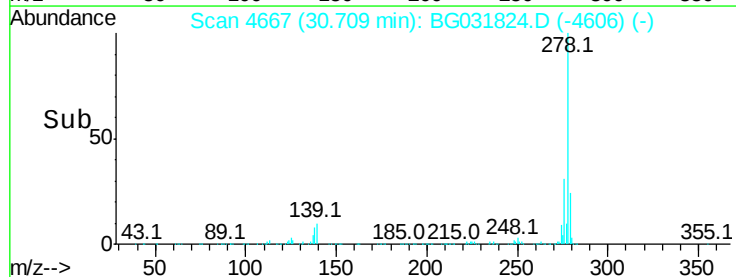
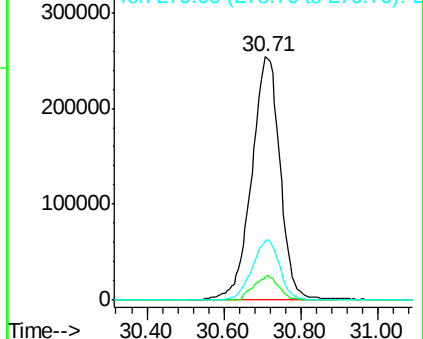
278 100

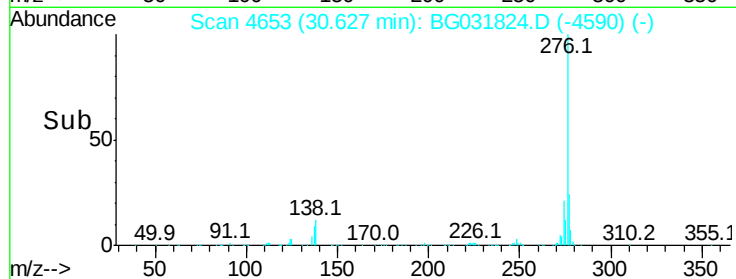
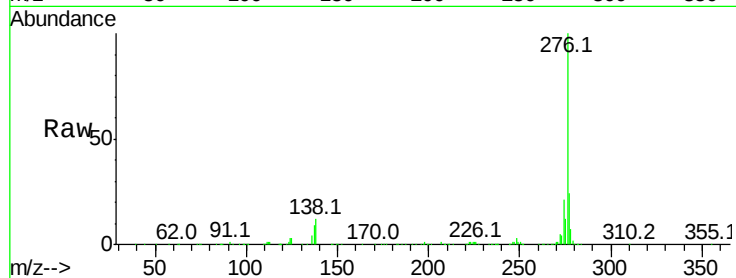
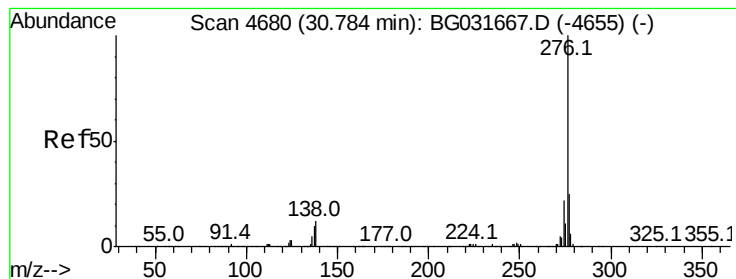
139 9.8 9.8 14.6#

279 24.3 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 46.485 ng

RT: 30.63 min Scan# 4653

Delta R.T. -0.16 min

Lab File: BG031824.D

Acq: 28 Dec 2017 14:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1565602

Ion Ratio Lower Upper

276 100

277 24.5 18.3 27.5

138 12.4 13.9 20.9#

