

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
 Data File : BG031849.D
 Acq On : 29 Dec 2017 6:40
 Operator : SJ/JU
 Sample : IDOC-03 AP
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 29 07:29:47 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	8.81	152	57238	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	240713	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	159707	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	386897	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	434330	20.00	ng	-0.06
86) Perylene-d12	26.26	264	477083	20.00	ng	-0.10

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.23	112	437694	139.28	ng	-0.02
7) Phenol-d6	7.91	99	577261	141.48	ng	-0.02
23) Nitrobenzene-d5	10.00	82	316080	99.15	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	354335	145.40	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	1099348	86.40	ng	-0.03
78) Terphenyl-d14	20.70	244	1757054	92.42	ng	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.88	88	35081	30.115	ng	# 73
3) Pyridine	4.33	79	150678	48.390	ng	# 78
4) n-Nitrosodimethylamine	4.23	42	44281	35.241	ng	# 81
6) Aniline	8.09	93	61721	11.758	ng	# 90
8) 2-Chlorophenol	8.35	128	146282	40.129	ng	# 81
9) Benzaldehyde	7.90	77	41123	16.739	ng	86
10) Phenol	7.94	94	170694	41.438	ng	92
11) bis(2-Chloroethyl)ether	8.19	93	119143	34.827	ng	# 78
12) 1,3-Dichlorobenzene	8.69	146	164989	36.447	ng	# 94
13) 1,4-Dichlorobenzene	8.84	146	165334	35.754	ng	96
14) 1,2-Dichlorobenzene	9.18	146	161208	36.792	ng	95
15) Benzyl Alcohol	9.03	79	117620	38.402	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.33	45	118954	42.698	ng	82
17) 2-Methylphenol	9.23	107	120236	40.794	ng	94
18) Hexachloroethane	9.93	117	51598	36.841	ng	# 87
19) n-Nitroso-di-n-propylamine	9.62	70	94605	33.952	ng	# 82
20) 3+4-Methylphenols	9.57	107	165419	39.489	ng	94
22) Acetophenone	9.65	105	207748	37.148	ng	# 86
24) Nitrobenzene	10.05	77	134600	40.969	ng	# 84
25) Isophorone	10.57	82	257769	37.563	ng	# 84
26) 2-Nitrophenol	10.77	139	87311	50.686	ng	# 84
27) 2,4-Dimethylphenol	10.81	122	155869	43.001	ng	92
28) bis(2-Chloroethoxy)methane	11.05	93	168533	36.601	ng	# 96
29) 2,4-Dichlorophenol	11.31	162	178372	41.917	ng	91
30) 1,2,4-Trichlorobenzene	11.54	180	186804	35.953	ng	97
31) Naphthalene	11.74	128	449629	37.012	ng	98
32) Benzoic acid	10.94	122	13719	11.471	ng	# 85
33) 4-Chloroaniline	11.83	127	64985	12.015	ng	# 90
34) Hexachlorobutadiene	12.01	225	126162	35.369	ng	98
35) Caprolactam	12.58	113	52962	41.059	ng	# 49
36) 4-Chloro-3-methylphenol	12.90	107	160954	40.954	ng	# 84
37) 2-Methylnaphthalene	13.30	142	371026	37.675	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	253951	37.751	ng	# 97
40) Hexachlorocyclopentadiene	13.63	237	308734	86.998	ng	93

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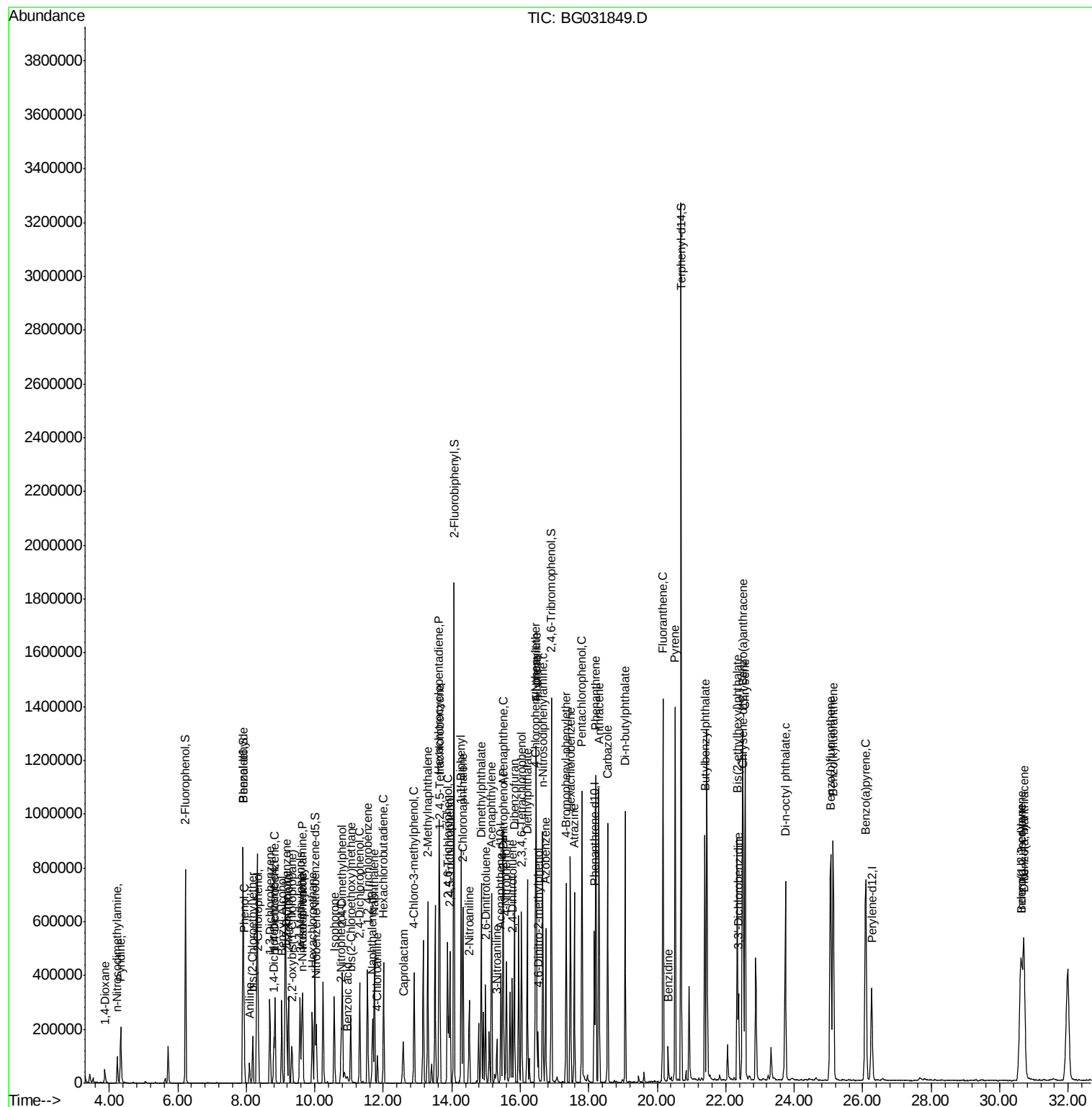
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	162607	41.925	nq	99
43) 2,4,5-Trichlorophenol	13.95	196	174110	40.508	nq #	91
45) 1,1'-Biphenyl	14.28	154	520888	38.187	nq	96
46) 2-Chloronaphthalene	14.33	162	394867	37.952	nq	95
47) 2-Nitroaniline	14.51	65	83729	46.596	nq #	66
48) Acenaphthylene	15.16	152	592581	35.601	nq	99
49) Dimethylphthalate	14.86	163	584108	41.516	nq	99
50) 2,6-Dinitrotoluene	14.99	165	115413	44.591	nq #	65
51) Acenaphthene	15.50	154	408158	37.441	nq	97
52) 3-Nitroaniline	15.32	138	55125	21.830	nq #	75
53) 2,4-Dinitrophenol	15.52	184	63325	59.730	nq #	37
54) Dibenzofuran	15.83	168	623436	37.308	nq	97
55) 4-Nitrophenol	15.60	139	163732	79.665	nq #	68
56) 2,4-Dinitrotoluene	15.76	165	162636	48.867	nq #	63
57) Fluorene	16.47	166	494739	36.444	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.04	232	176026	41.976	nq #	85
59) Diethylphthalate	16.20	149	488927	35.654	nq	97
60) 4-Chlorophenyl-phenylether	16.45	204	297499	35.817	nq	91
61) 4-Nitroaniline	16.47	138	94162	38.212	nq	77
62) Azobenzene	16.74	77	322260	36.644	nq	82
64) 4,6-Dinitro-2-methylphenol	16.52	198	67238	37.848	nq #	68
65) n-Nitrosodiphenylamine	16.66	169	454075	35.337	nq	99
66) 4-Bromophenyl-phenylether	17.34	248	214620	38.361	nq	92
67) Hexachlorobenzene	17.47	284	222892	38.972	nq #	89
68) Atrazine	17.58	200	182288	36.483	nq	95
69) Pentachlorophenol	17.80	266	264261	67.176	nq	98
70) Phenanthrene	18.21	178	808044	36.905	nq	99
71) Anthracene	18.30	178	825798	37.389	nq	99
72) Carbazole	18.55	167	711916	36.417	nq	100
73) Di-n-butylphthalate	19.06	149	795244	36.605	nq	99
74) Fluoranthene	20.17	202	997393	37.125	nq	96
76) Benzidine	20.32	184	94724	7.066	nq	98
77) Pyrene	20.52	202	1013543	36.532	nq	98
79) Butylbenzylphthalate	21.39	149	358292	38.470	nq #	76
80) Benzo(a)anthracene	22.49	228	1035437	37.477	nq	98
81) 3,3'-Dichlorobenzidine	22.38	252	154377	14.412	nq #	97
82) Chrysene	22.57	228	974833	37.291	nq	98
83) Bis(2-ethylhexyl)phthalate	22.34	149	512100	37.953	nq #	99
84) Di-n-octyl phthalate	23.74	149	893421	39.315	nq #	87
85) Indeno(1,2,3-cd)pyrene	30.62	276	1329229	39.636	nq #	88
87) Benzo(b)fluoranthene	25.06	252	1116161	37.690	nq #	97
88) Benzo(k)fluoranthene	25.14	252	1080662	36.463	nq #	97
89) Benzo(a)pyrene	26.09	252	1087201	38.332	nq #	96
90) Dibenzo(a,h)anthracene	30.70	278	1085594	37.061	nq #	96
91) Benzo(g,h,i)perylene	30.62	276	1329229	38.434	nq #	92

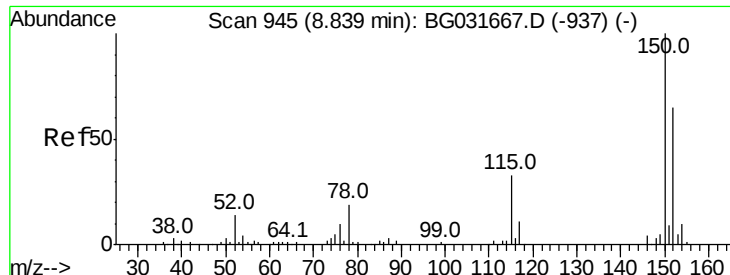
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.81 min Scan# 939

Delta R.T. -0.03 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

Instrument :

BNA_G

ClientSampleId :

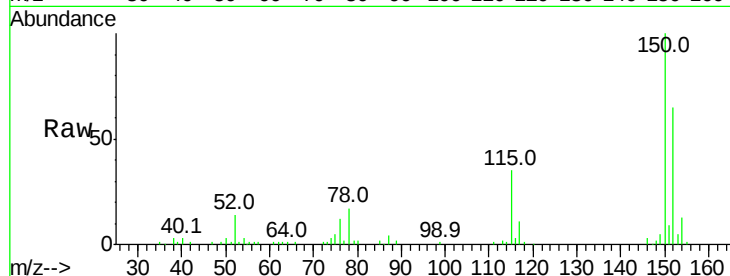
Tot Ion:152 Resp: 57238

Ion Ratio Lower Upper

152 100

150 153.2 126.6 189.8

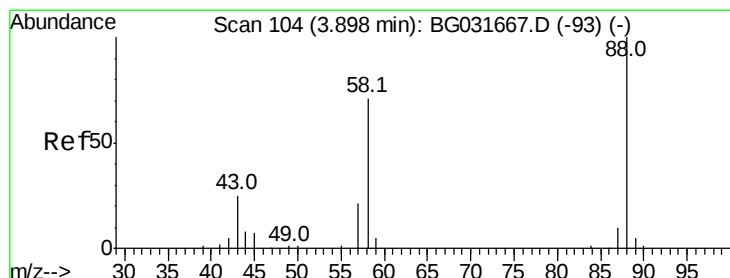
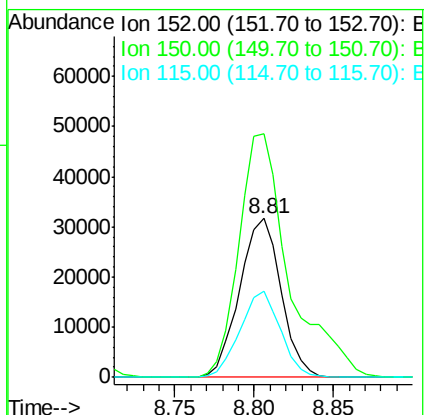
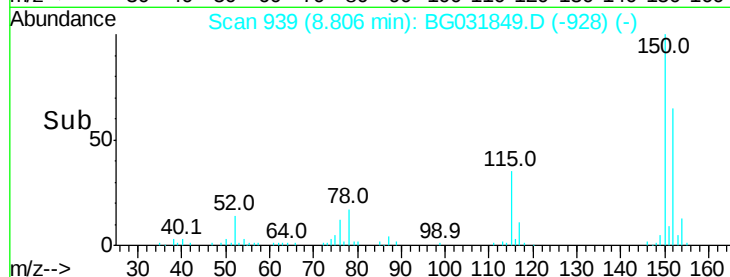
115 54.0 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.115 ng

RT: 3.88 min Scan# 100

Delta R.T. -0.02 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

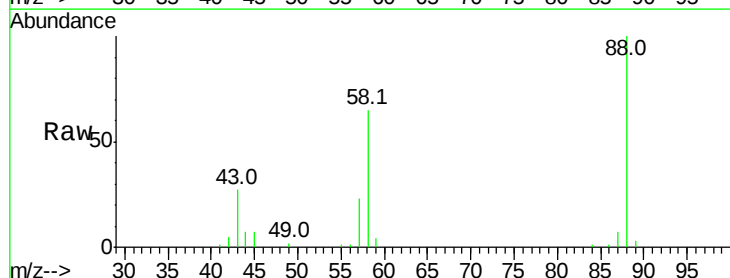
Tgt Ion: 88 Resp: 35081

Ion Ratio Lower Upper

88 100

58 67.8 79.6 119.4#

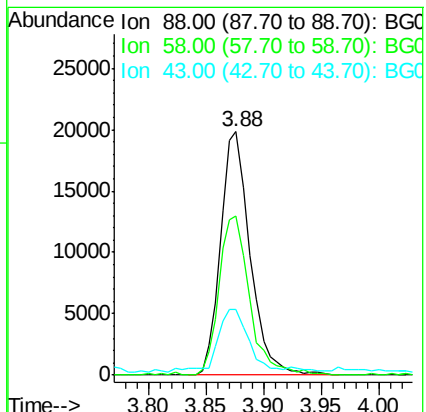
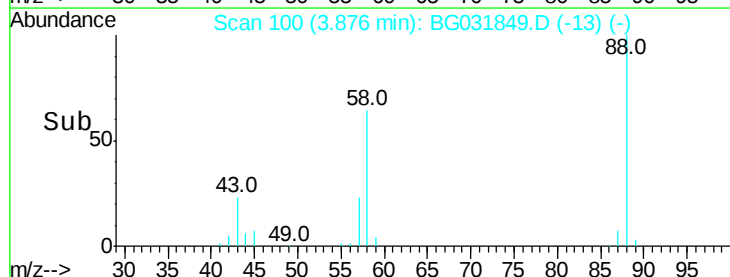
43 26.4 27.4 41.0#

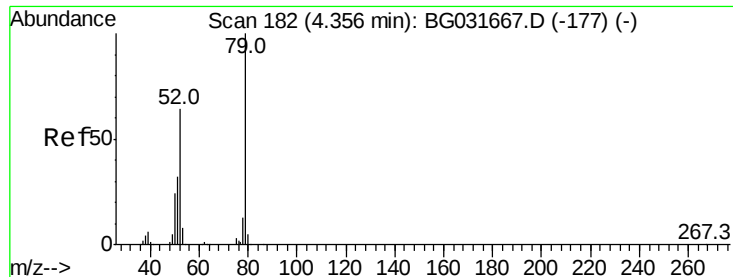


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 48.390 ng

RT: 4.33 min Scan# 178

Delta R.T. -0.02 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

Instrument :

BNA_G

ClientSampleId :

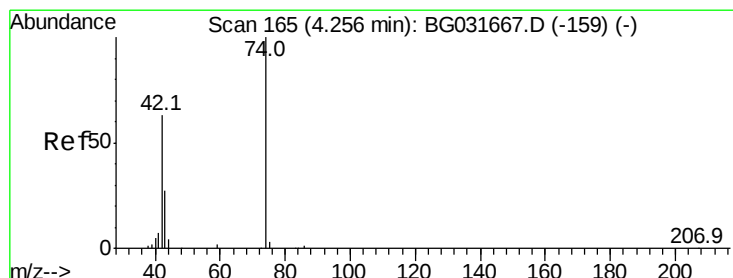
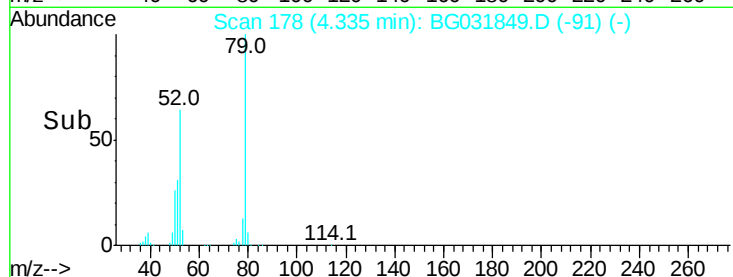
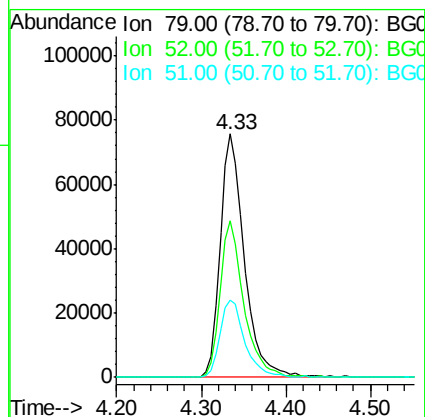
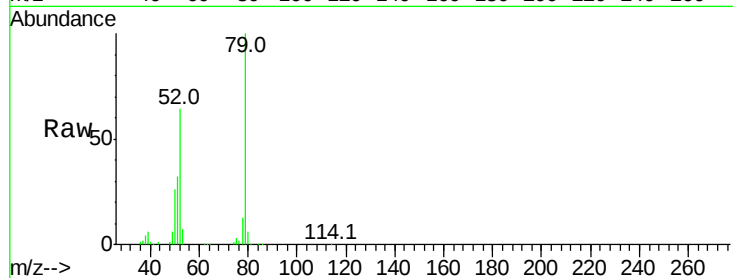
Tot Ion: 79 Resp: 150678

Ion Ratio Lower Upper

79 100

52 64.2 69.9 104.9#

51 31.8 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 35.241 ng

RT: 4.23 min Scan# 161

Delta R.T. -0.02 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

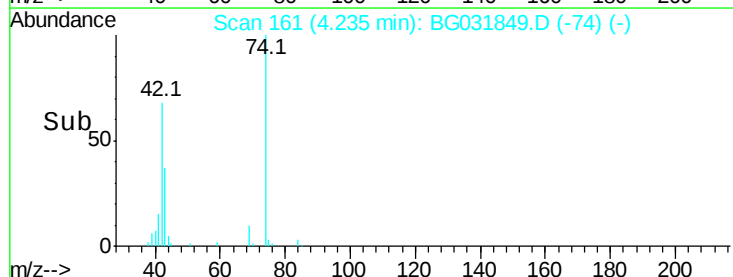
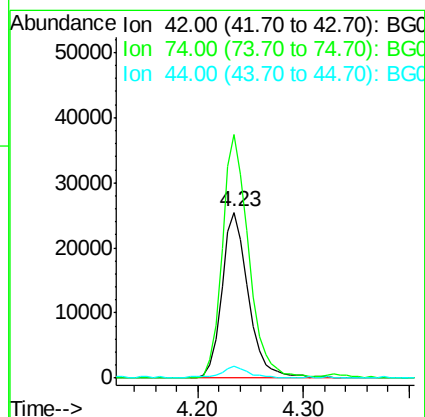
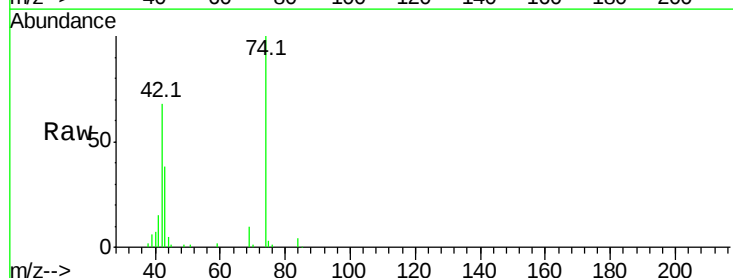
Tgt Ion: 42 Resp: 44281

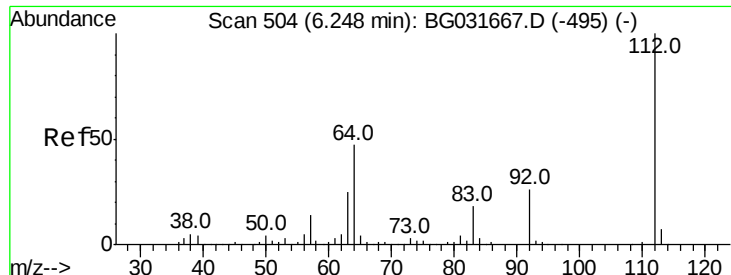
Ion Ratio Lower Upper

42 100

74 146.8 102.5 153.7

44 6.8 18.9 28.3#





#5

2-Fluorophenol

Concen: 139.280 ng

RT: 6.23 min Scan# 500

Delta R.T. -0.02 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

Instrument :

BNA_G

ClientSampleId :

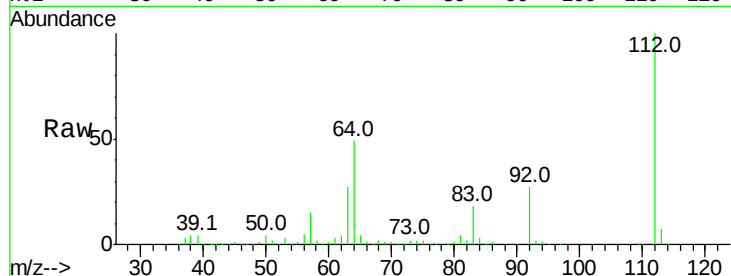
Tot Ion:112 Resp: 437694

Ion Ratio Lower Upper

112 100

64 49.0 56.3 84.5#

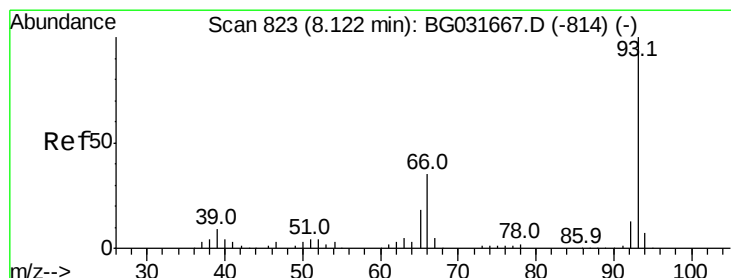
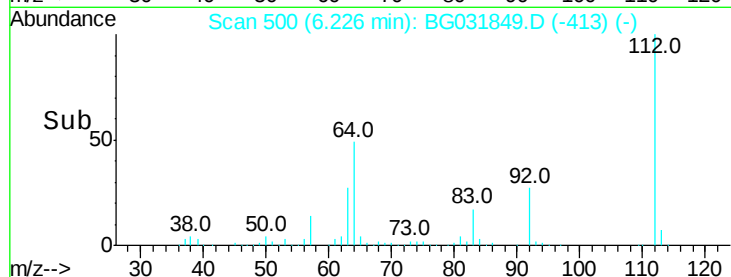
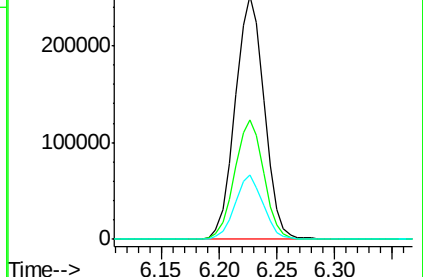
63 26.6 30.1 45.1#



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: 11.758 ng

RT: 8.09 min Scan# 818

Delta R.T. -0.03 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

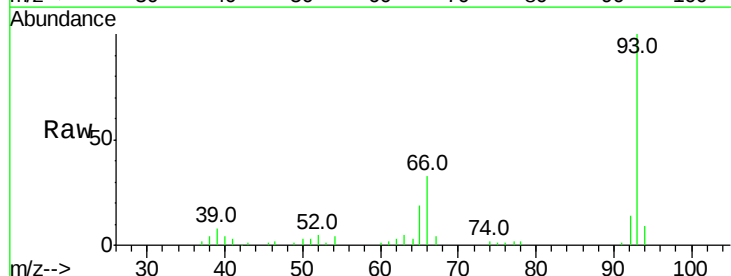
Tgt Ion: 93 Resp: 61721

Ion Ratio Lower Upper

93 100

66 33.4 33.7 50.5#

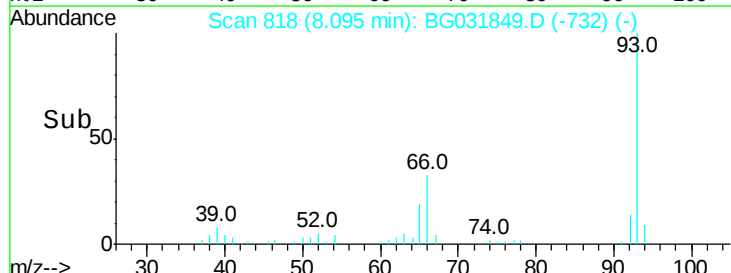
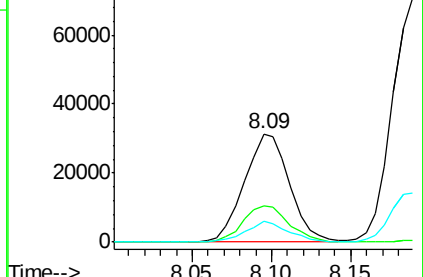
65 18.9 16.1 24.1



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: 141.483 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

Instrument :

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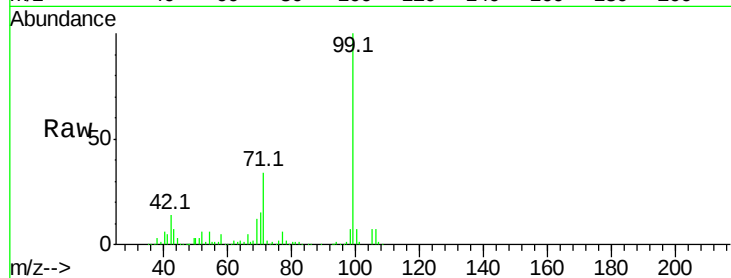
Tot Ion: 99 Resp: 577261

Ion Ratio Lower Upper

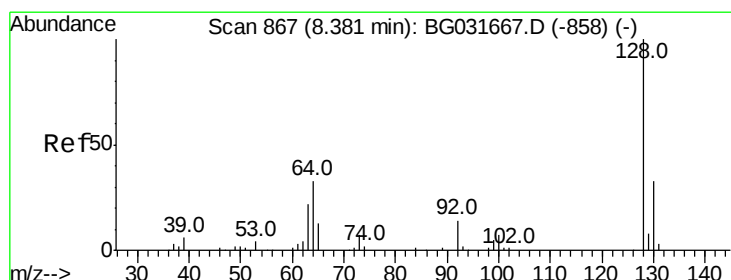
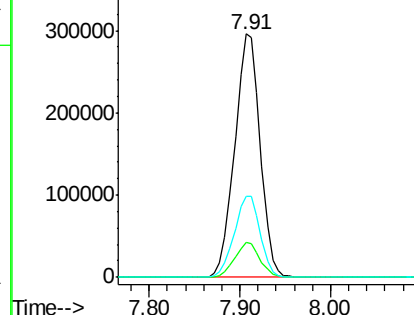
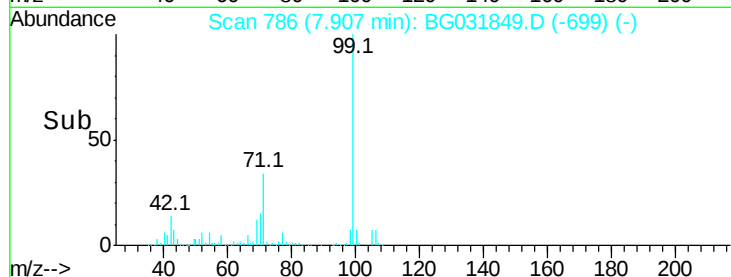
99 100

42 14.2 14.1 21.1

71 33.5 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: 40.129 ng

RT: 8.35 min Scan# 861

Delta R.T. -0.03 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

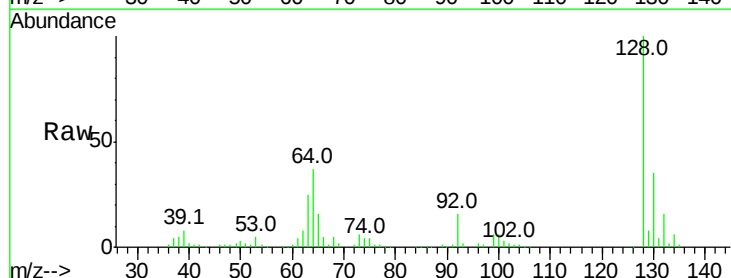
Tgt Ion: 128 Resp: 146282

Ion Ratio Lower Upper

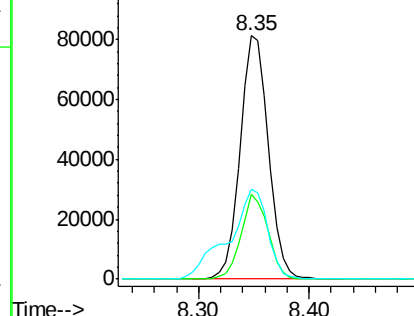
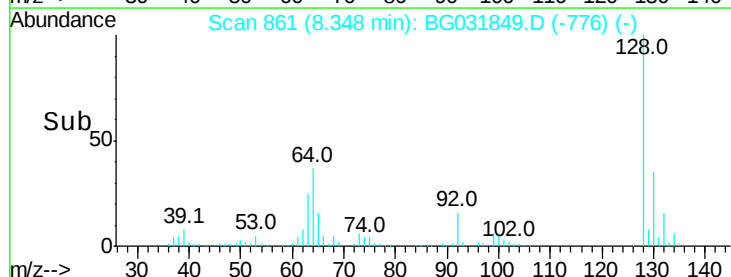
128 100

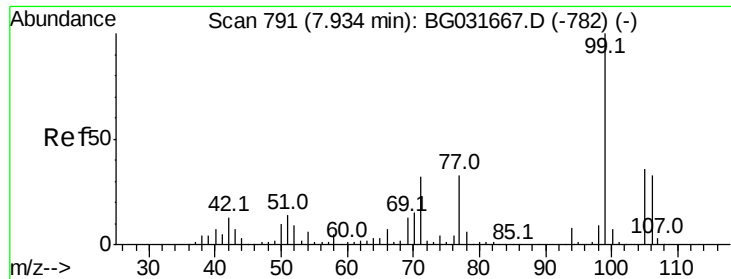
130 35.1 14.0 54.0

64 36.7 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: 16.739 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

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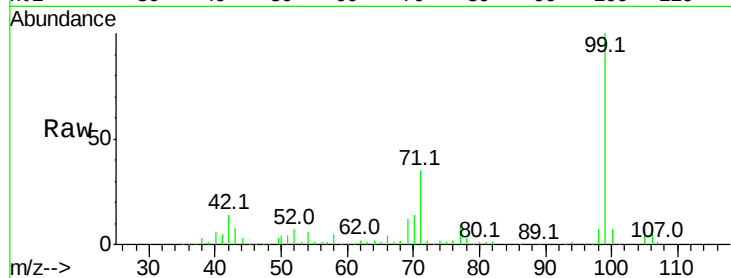
Tot Ion: 77 Resp: 41123

Ion Ratio Lower Upper

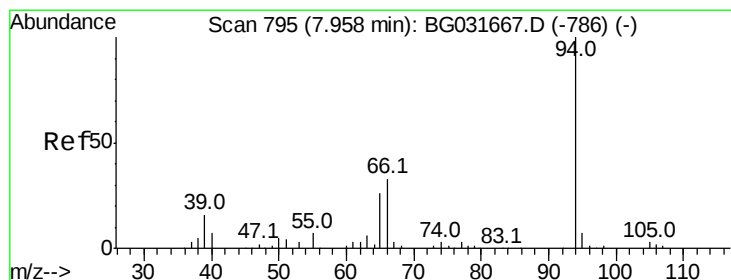
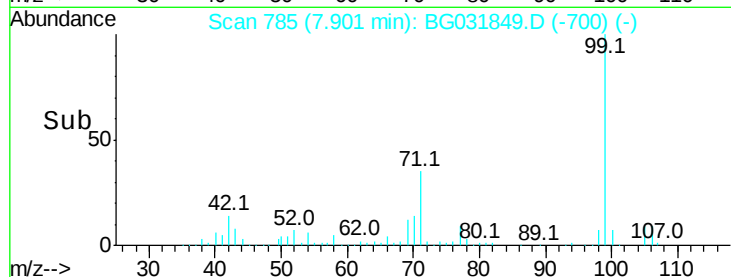
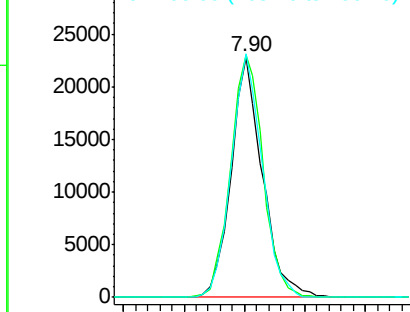
77 100

105 100.8 71.3 111.3

106 101.4 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.438 ng

RT: 7.94 min Scan# 791

Delta R.T. -0.02 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

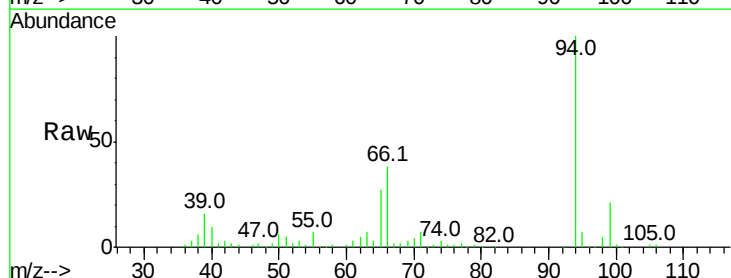
Tgt Ion: 94 Resp: 170694

Ion Ratio Lower Upper

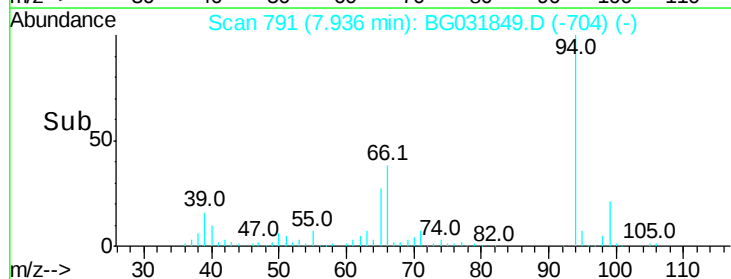
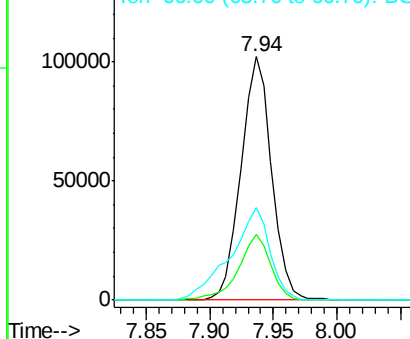
94 100

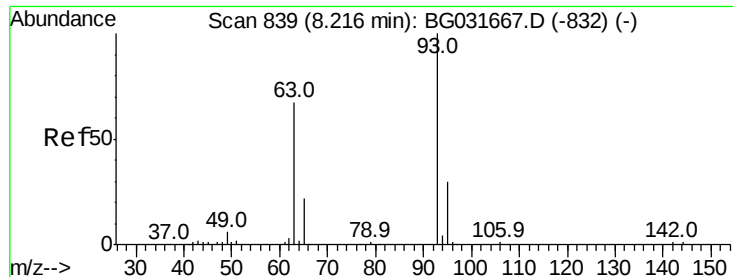
65 27.2 11.9 51.9

66 37.8 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 34.827 ng

RT: 8.19 min Scan# 834

Delta R.T. -0.03 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

Instrument :

BNA_G

ClientSampleId :

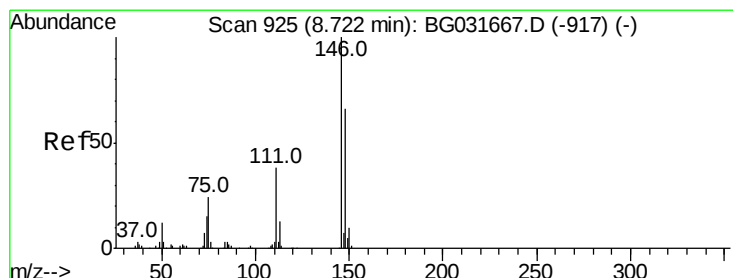
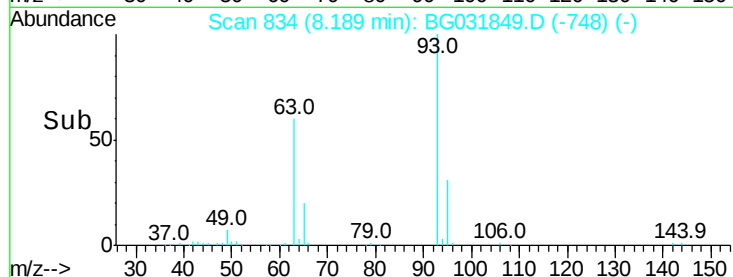
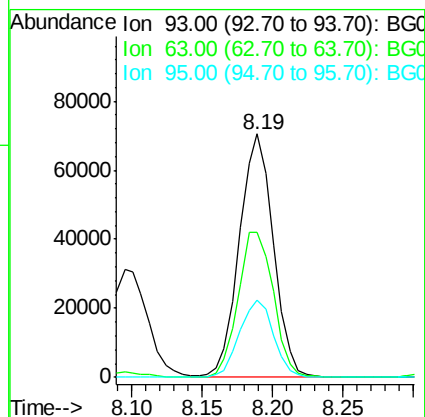
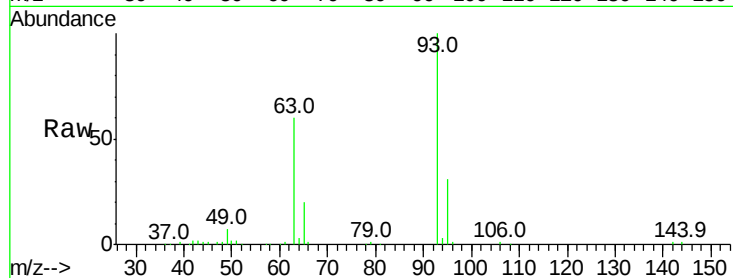
Tot Ion: 93 Resp: 119143

Ion Ratio Lower Upper

93 100

63 59.6 67.1 107.1#

95 31.5 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 36.447 ng

RT: 8.69 min Scan# 919

Delta R.T. -0.03 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

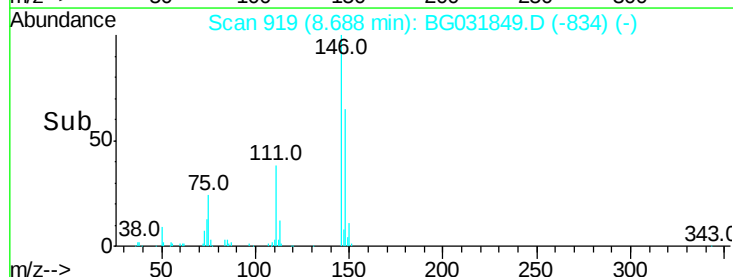
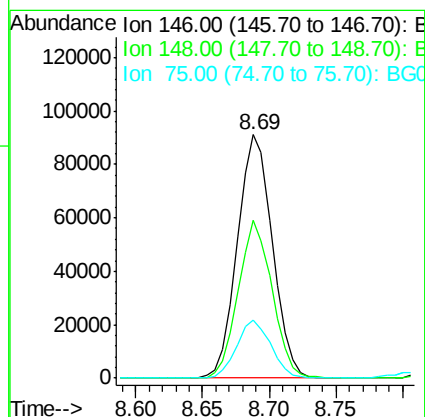
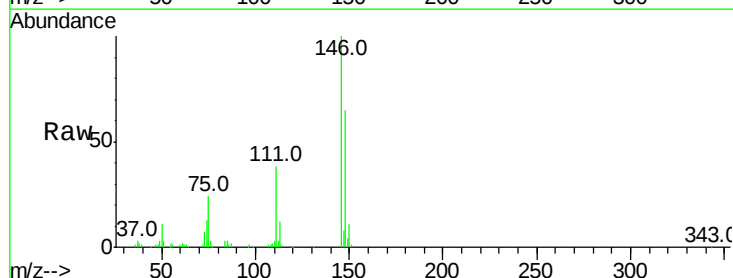
Tgt Ion:146 Resp: 164989

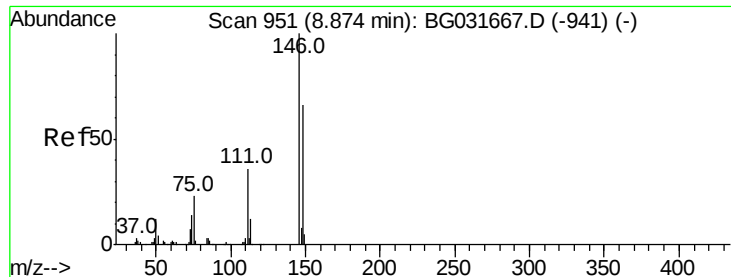
Ion Ratio Lower Upper

146 100

148 64.8 51.4 77.2

75 23.9 26.6 39.8#

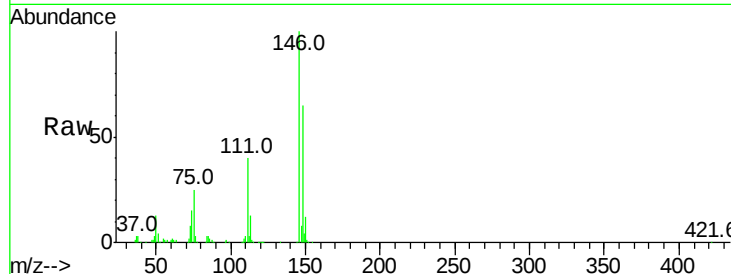




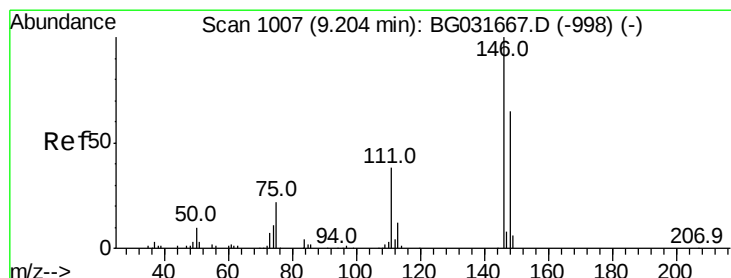
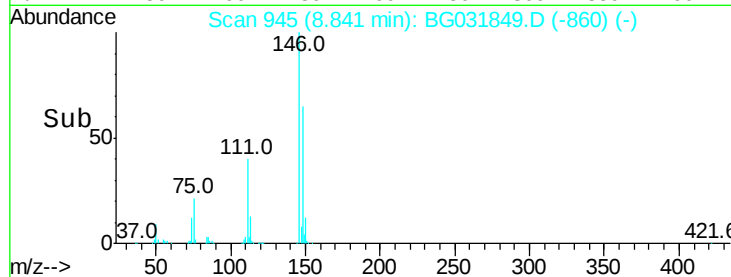
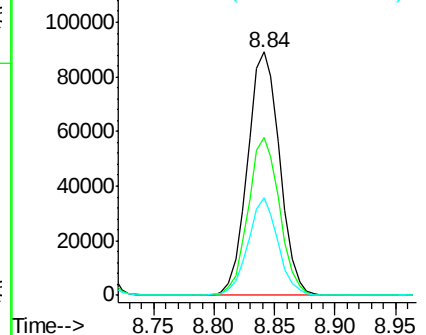
#13
 1,4-Dichlorobenzene
 Concen: 35.754 ng
 RT: 8.84 min Scan# 945
 Delta R.T. -0.03 min
 Lab File: BG031849.D
 Acq: 29 Dec 2017 6:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 165334
 Ion Ratio Lower Upper
 146 100
 148 64.8 53.7 80.5
 111 40.0 35.2 52.8

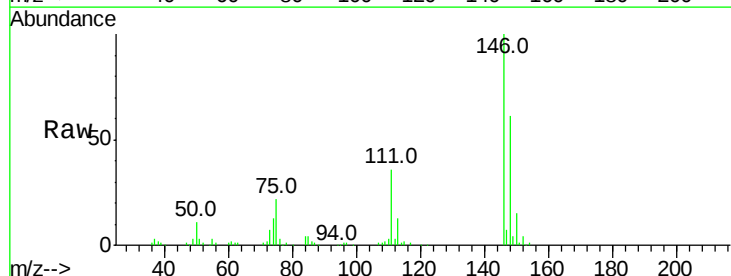


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

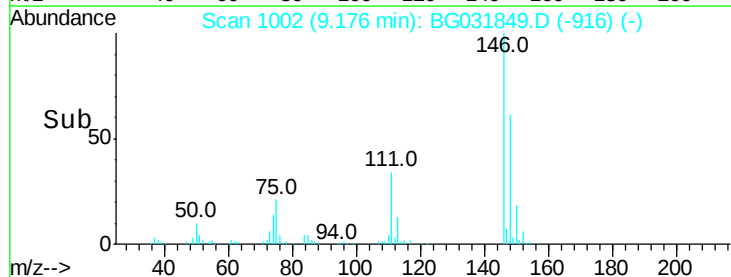
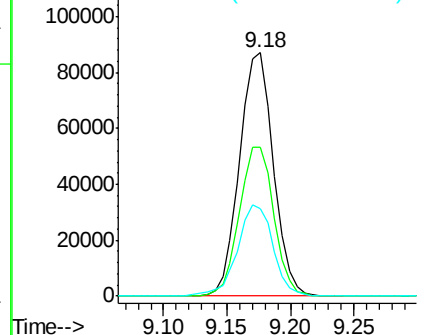


#14
 1,2-Dichlorobenzene
 Concen: 36.792 ng
 RT: 9.18 min Scan# 1002
 Delta R.T. -0.03 min
 Lab File: BG031849.D
 Acq: 29 Dec 2017 6:40

Tgt Ion:146 Resp: 161208
 Ion Ratio Lower Upper
 146 100
 148 61.1 49.3 73.9
 111 36.0 34.3 51.5



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

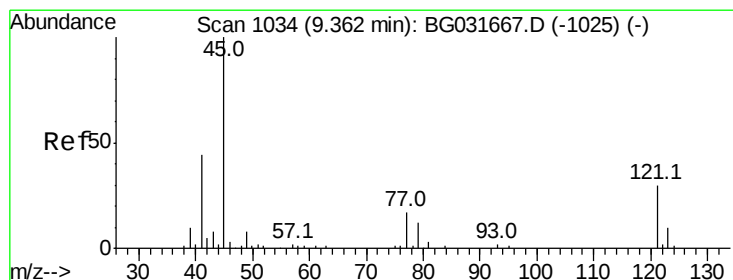
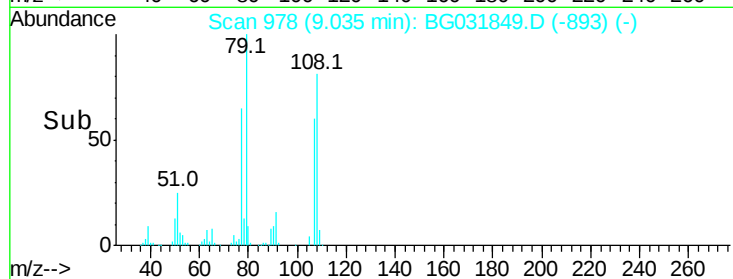
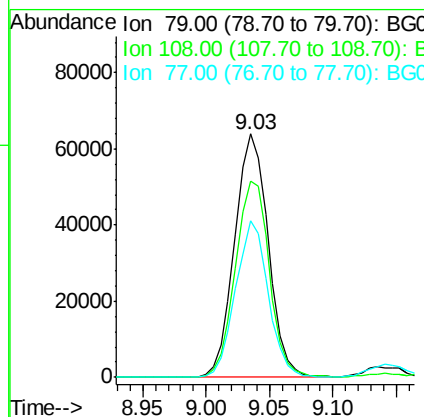
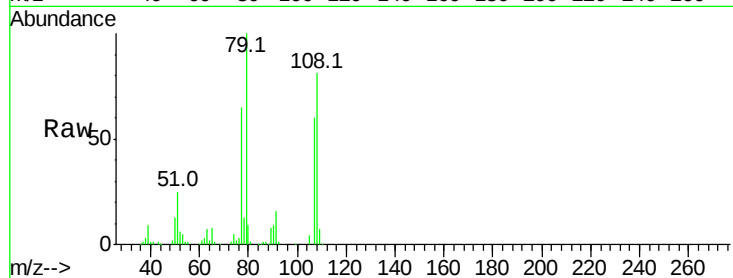




#15
Benzyl Alcohol
Concen: 38.402 ng
RT: 9.03 min Scan# 978
Delta R.T. -0.03 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

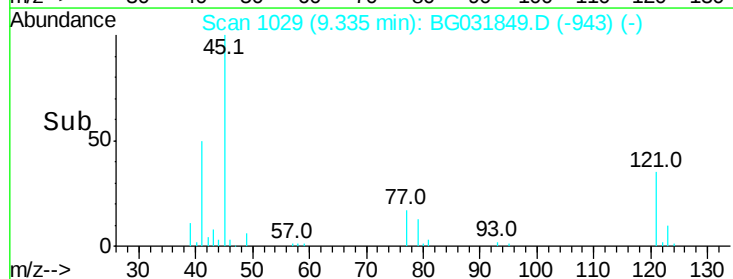
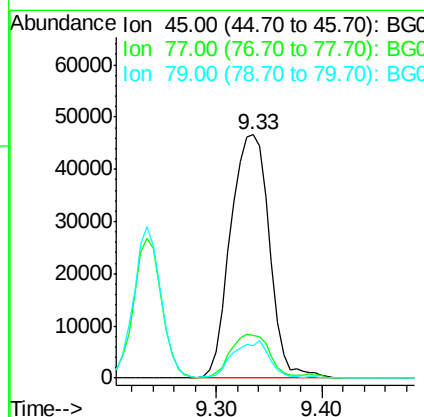
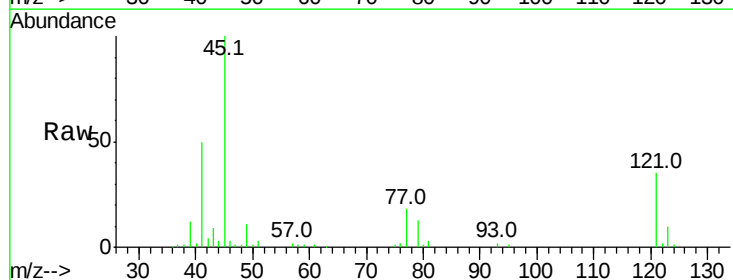
Instrument :
BNA_G
ClientSampleId :

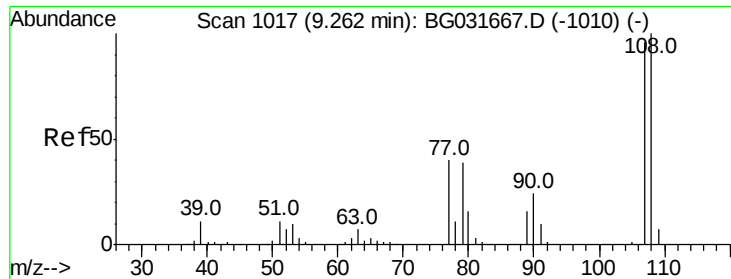
Tot Ion: 79 Resp: 117620
Ion Ratio Lower Upper
79 100
108 80.5 57.2 85.8
77 64.5 46.1 69.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.698 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

Tgt Ion: 45 Resp: 118954
Ion Ratio Lower Upper
45 100
77 17.8 0.0 30.2
79 13.4 0.0 27.9





#17

2-Methylphenol

Concen: 40.794 ng

RT: 9.23 min Scan# 1012

Delta R.T. -0.03 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 120236

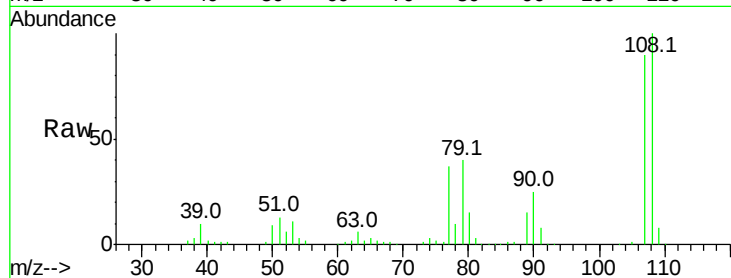
Ion Ratio Lower Upper

107 100

108 111.7 83.9 125.9

77 41.3 37.2 55.8

79 44.4 36.2 54.2

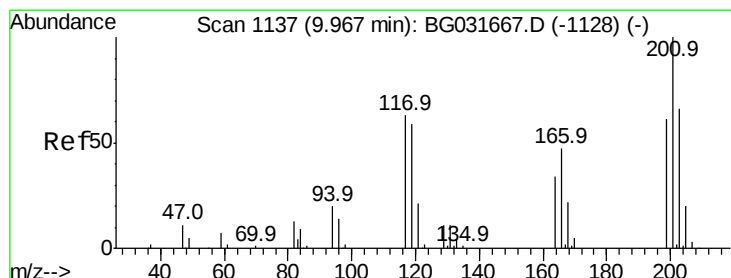
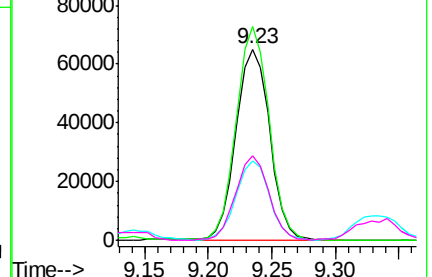
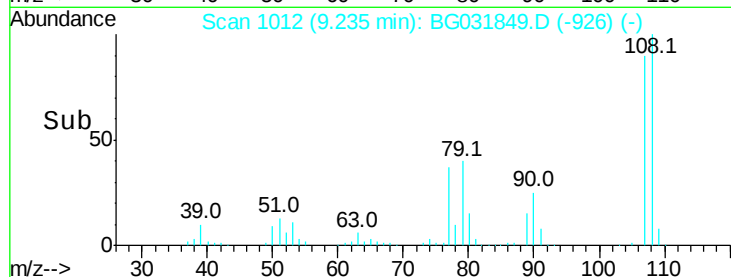


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.841 ng

RT: 9.93 min Scan# 1131

Delta R.T. -0.03 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

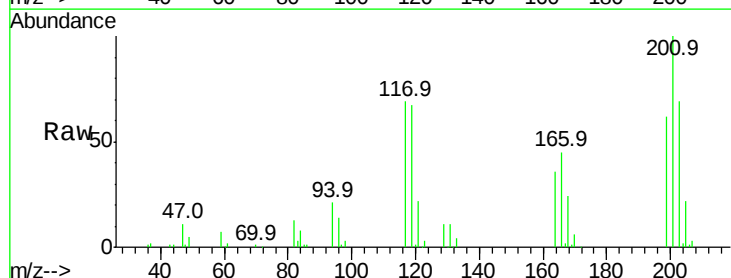
Tgt Ion:117 Resp: 51598

Ion Ratio Lower Upper

117 100

119 96.6 76.7 115.1

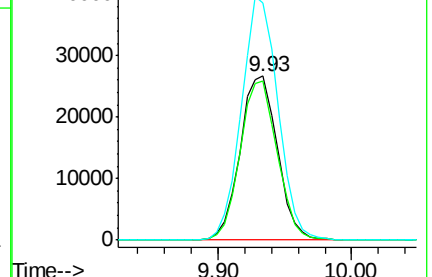
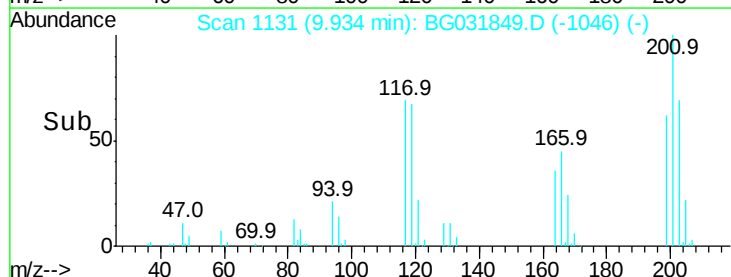
201 144.5 95.7 143.5#

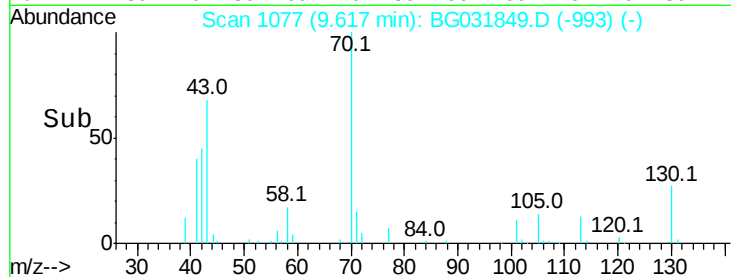
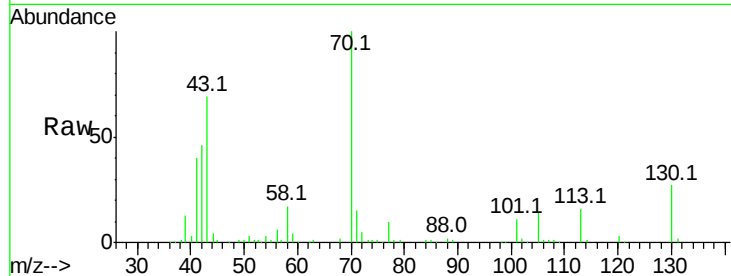
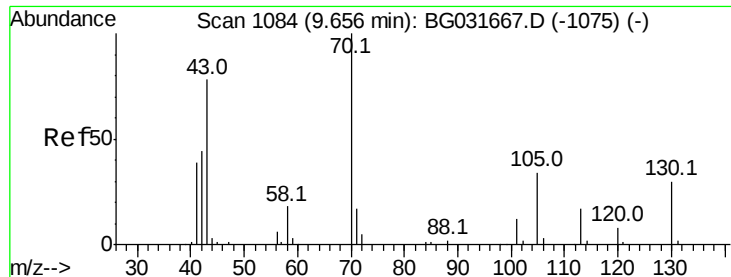


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

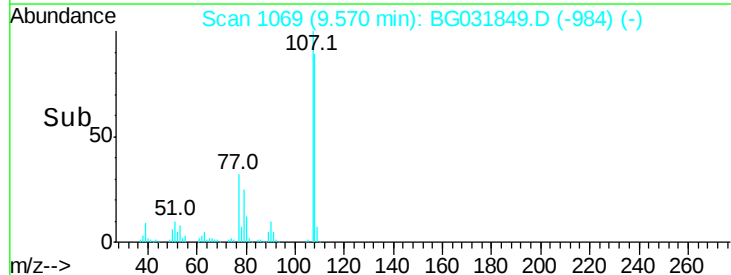
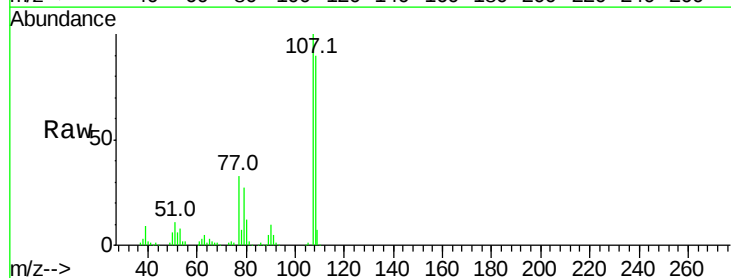
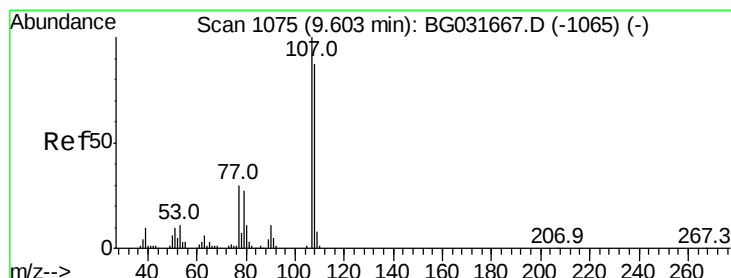
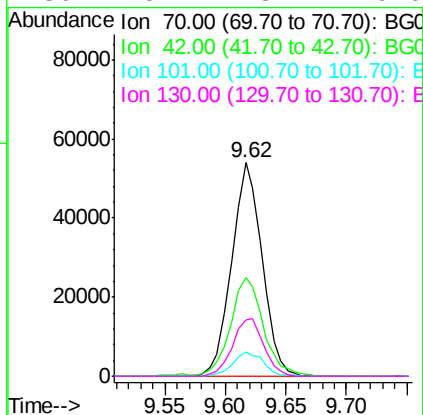




#19
n-Nitroso-di-n-propylamine
Concen: 33.952 ng
RT: 9.62 min Scan# 1077
Delta R.T. -0.04 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

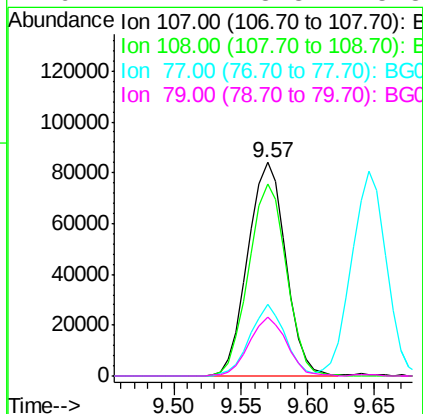
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.1	49.1	73.7#
101	11.3	8.5	12.7
130	26.7	13.4	20.0#



#20
3+4-Methylphenols
Concen: 39.489 ng
RT: 9.57 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.0	61.6	101.6
77	33.5	13.9	53.9
79	27.4	8.8	48.8

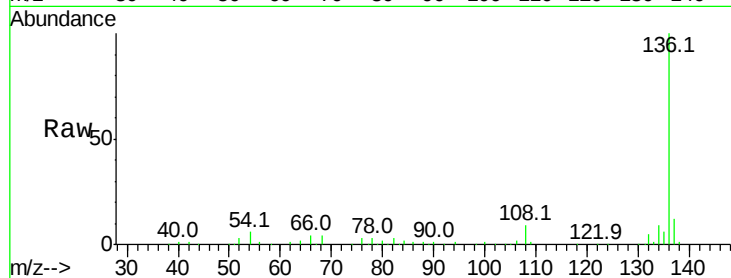




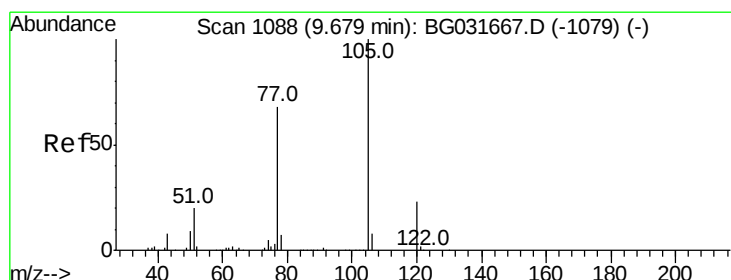
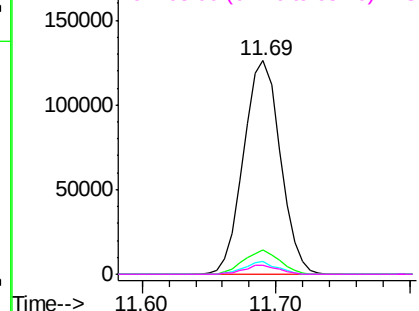
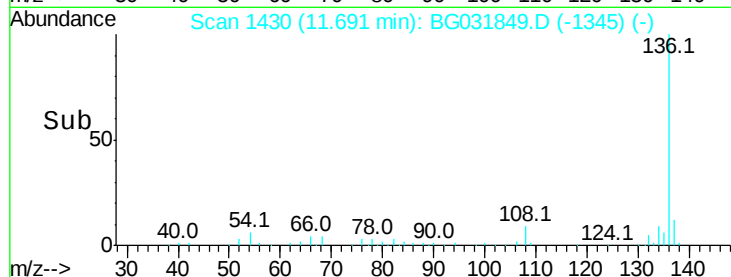
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	240713
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	6.2	10.3	15.5#
68	4.3	4.5	6.7#

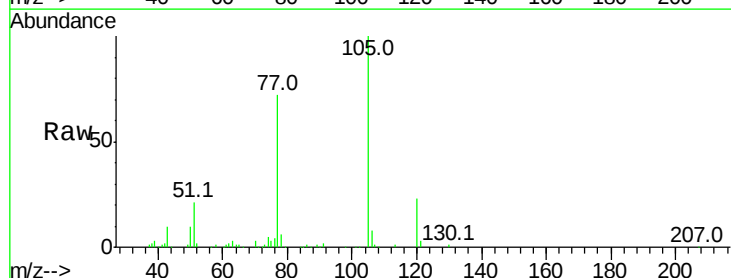


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

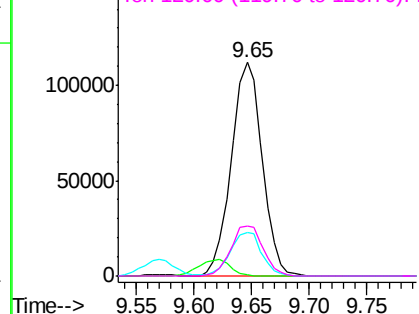
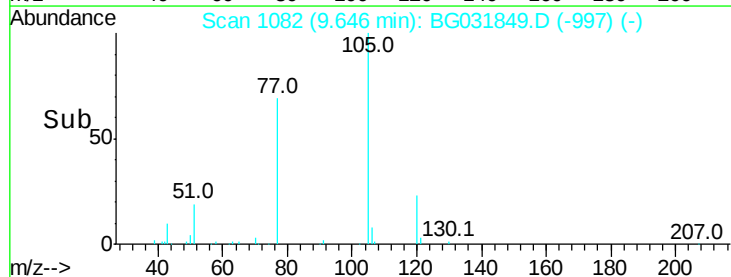


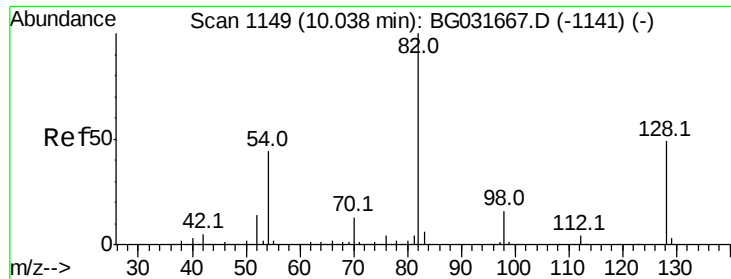
#22
Acetophenone
Concen: 37.148 ng
RT: 9.65 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

Tgt Ion:	105	Resp:	207748
Ion	Ratio	Lower	Upper
105	100		
71	0.3	3.0	4.4#
51	20.7	26.1	39.1#
120	23.5	17.4	26.2



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

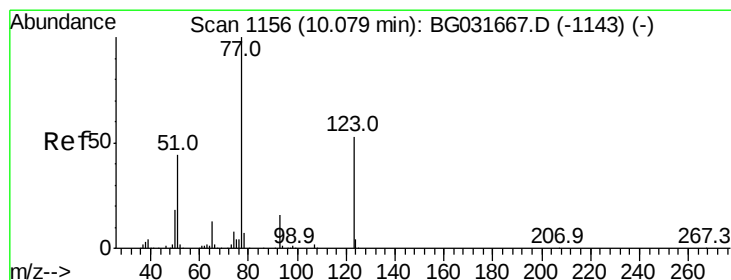
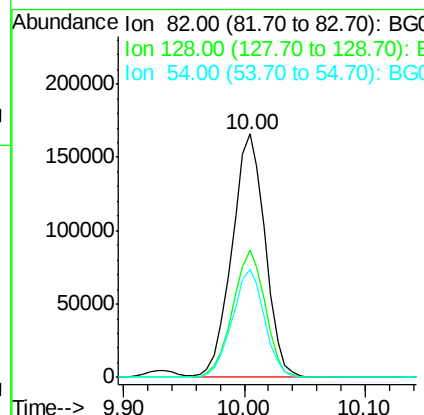
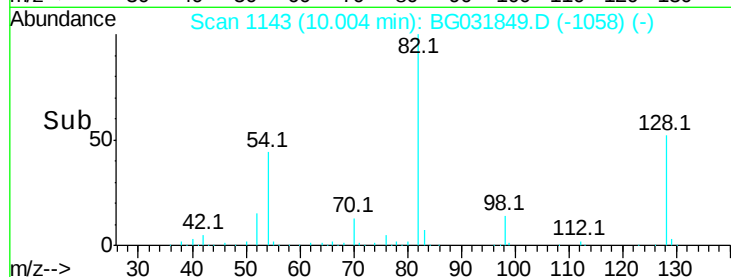
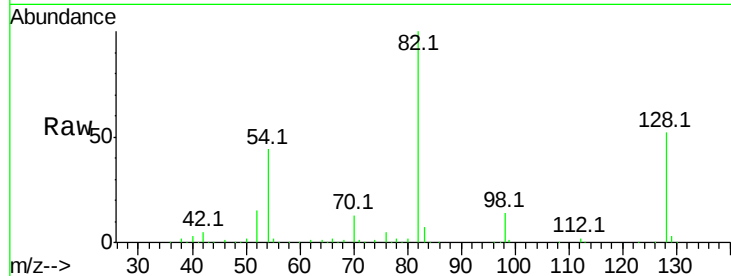




#23
 Nitrobenzene-d5
 Concen: 99.155 ng
 RT: 10.00 min Scan# 1143
 Delta R.T. -0.03 min
 Lab File: BG031849.D
 Acq: 29 Dec 2017 6:40

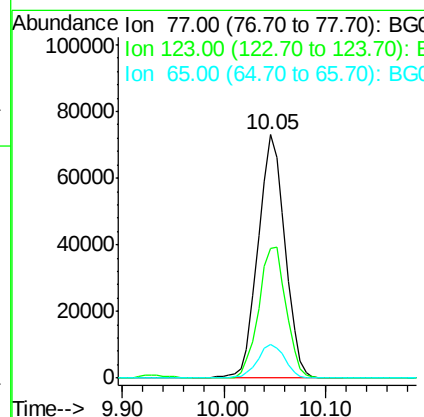
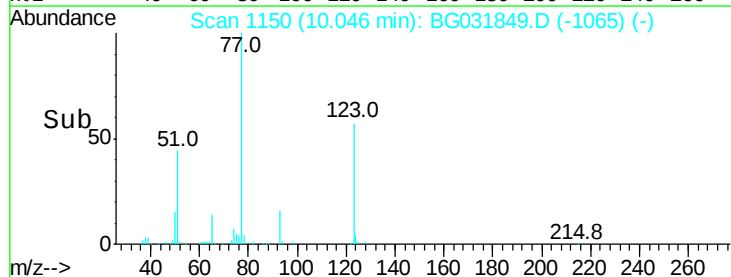
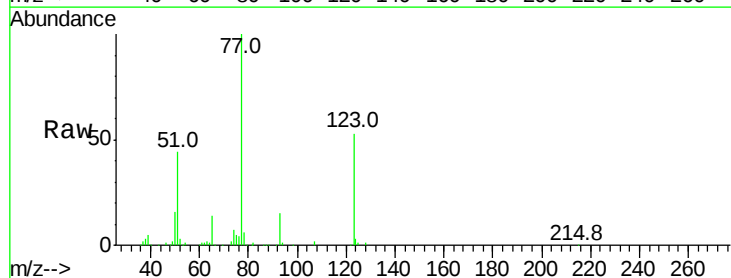
Instrument :
 BNA_G
 ClientSampleId :

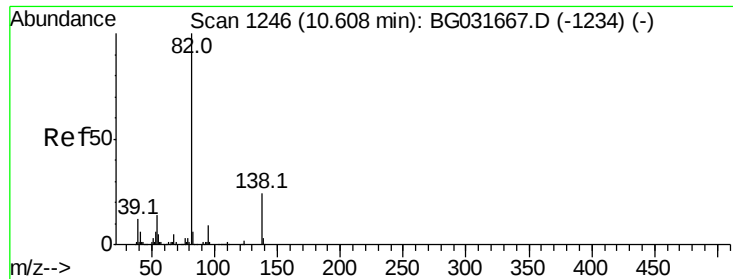
Tot Ion: 82 Resp: 316080
 Ion Ratio Lower Upper
 82 100
 128 52.1 29.7 44.5#
 54 44.1 43.1 64.7



#24
 Nitrobenzene
 Concen: 40.969 ng
 RT: 10.05 min Scan# 1150
 Delta R.T. -0.03 min
 Lab File: BG031849.D
 Acq: 29 Dec 2017 6:40

Tgt Ion: 77 Resp: 134600
 Ion Ratio Lower Upper
 77 100
 123 53.4 33.0 49.6#
 65 13.7 13.0 19.6





#25

Isophorone

Concen: 37.563 ng

RT: 10.57 min Scan# 1239

Delta R.T. -0.04 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

Instrument :

BNA_G

ClientSampleId :

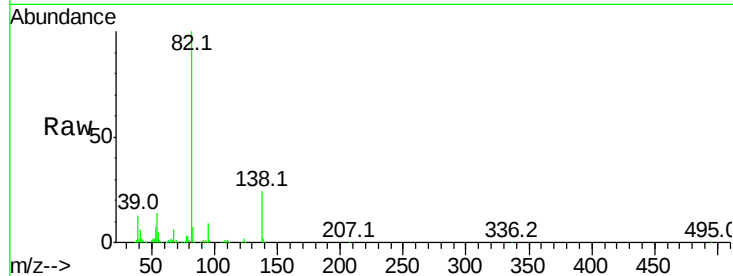
Tot Ion: 82 Resp: 257769

Ion Ratio Lower Upper

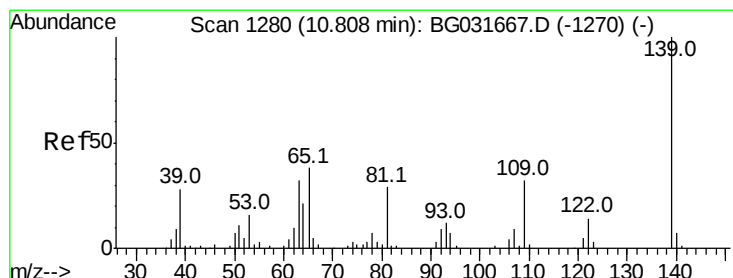
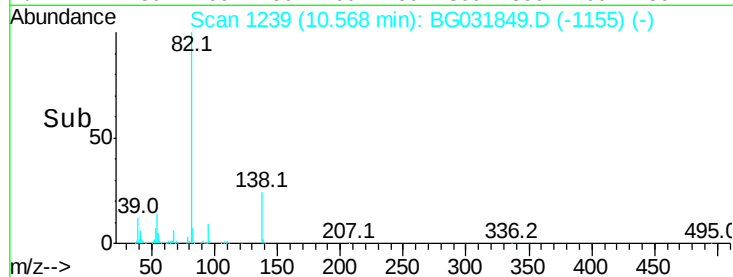
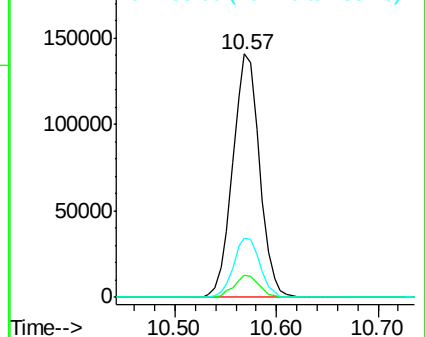
82 100

95 9.0 6.2 9.2

138 24.1 12.1 18.1#



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



#26

2-Nitrophenol

Concen: 50.686 ng

RT: 10.77 min Scan# 1274

Delta R.T. -0.03 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

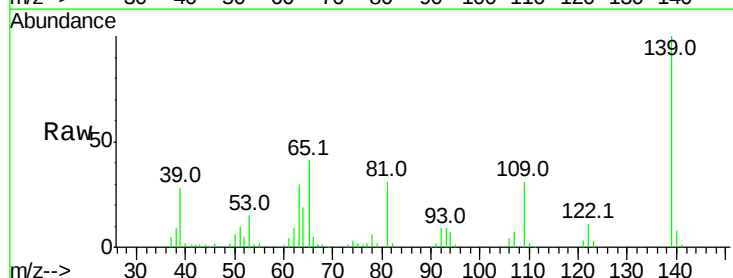
Tgt Ion: 139 Resp: 87311

Ion Ratio Lower Upper

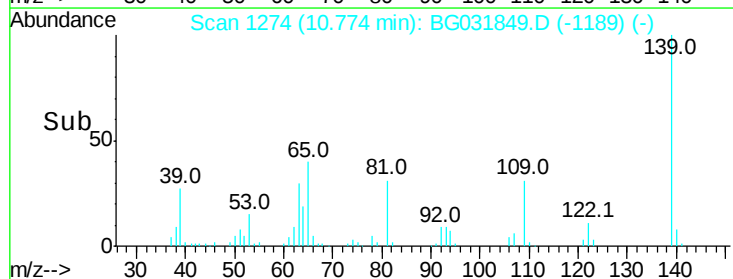
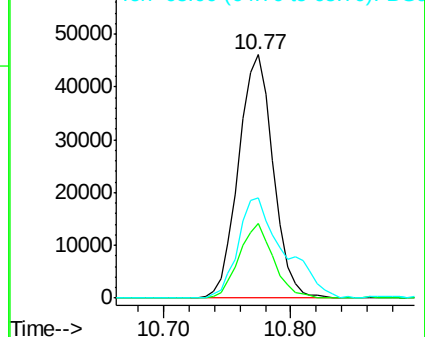
139 100

109 30.8 24.2 36.2

65 41.0 47.4 71.0#



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

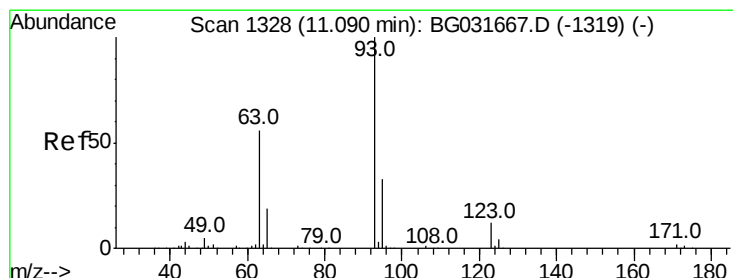
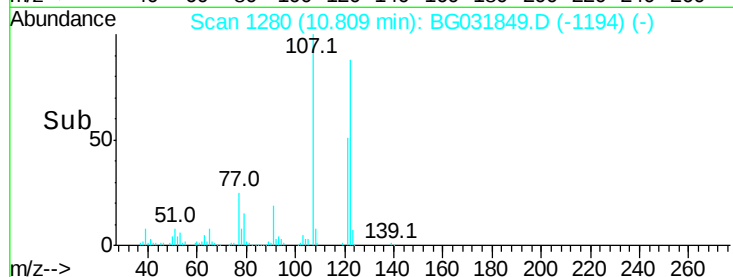
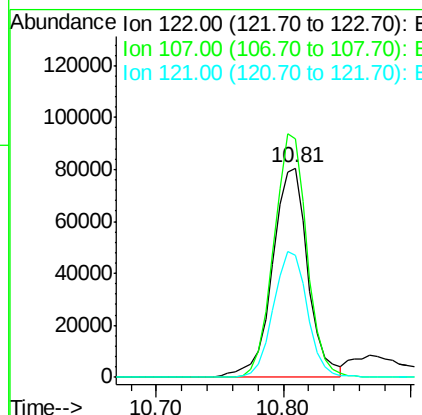
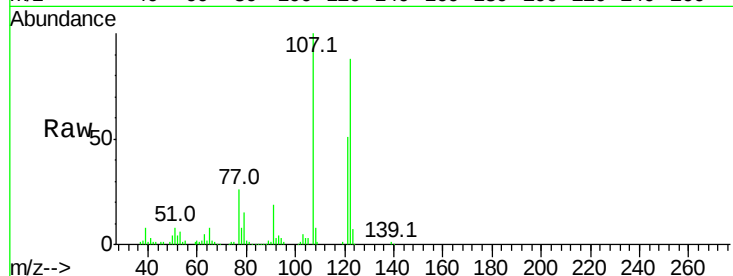




#27
2,4-Dimethylphenol
Concen: 43.001 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.03 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

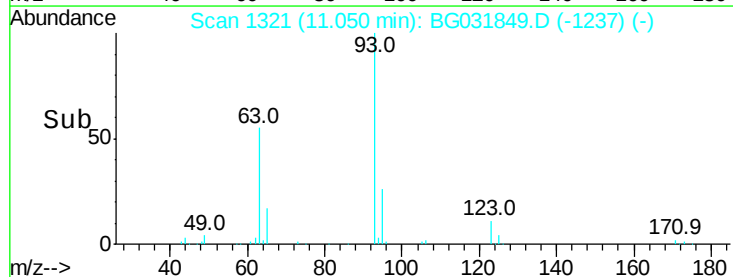
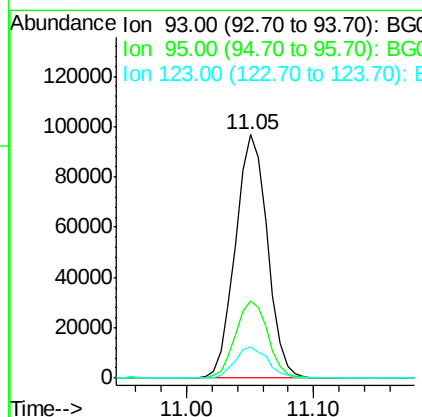
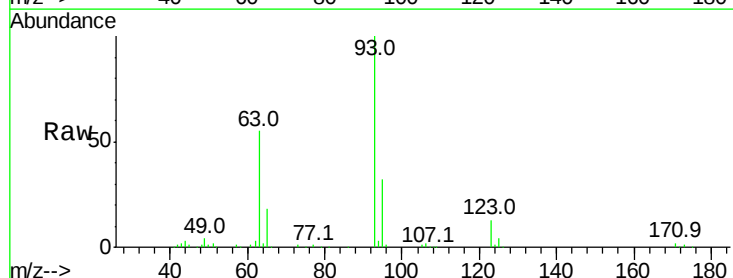
Instrument :
BNA_G
ClientSampleId :

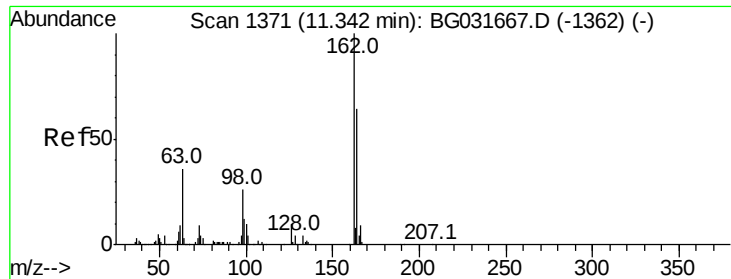
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.1	100.2	150.2
121	58.6	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 36.601 ng
RT: 11.05 min Scan# 1321
Delta R.T. -0.04 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	24.3	36.5
123	13.0	8.4	12.6

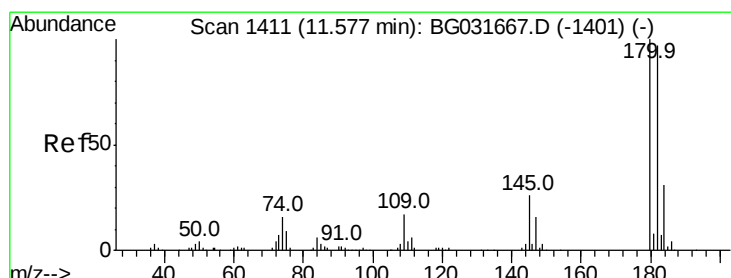
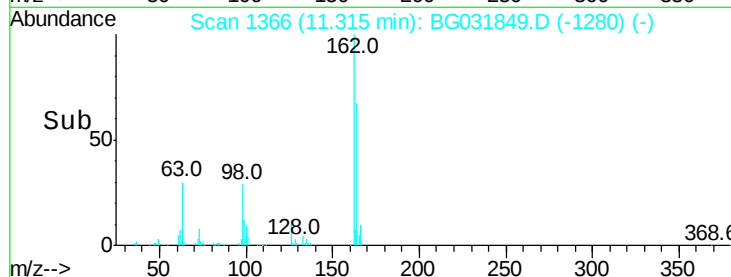
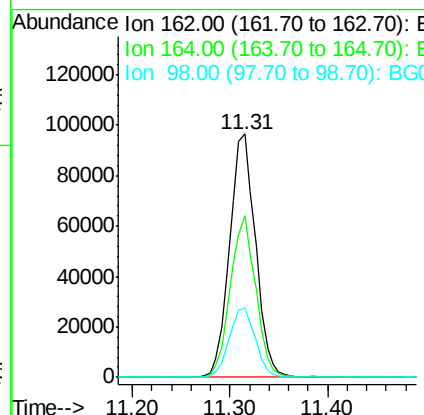
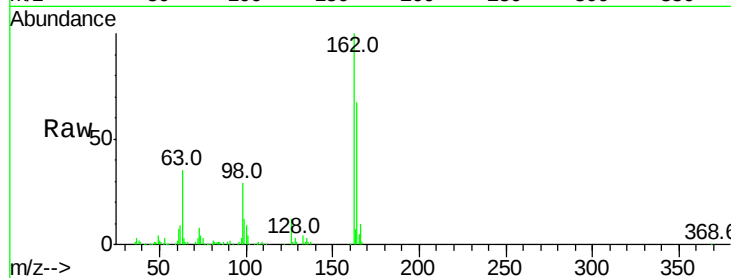




#29
 2,4-Dichlorophenol
 Concen: 41.917 ng
 RT: 11.31 min Scan# 1366
 Delta R.T. -0.03 min
 Lab File: BG031849.D
 Acq: 29 Dec 2017 6:40

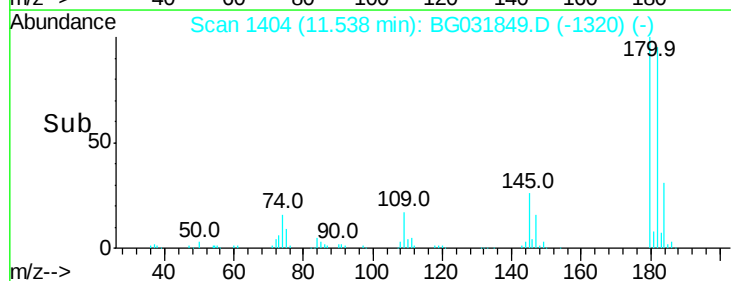
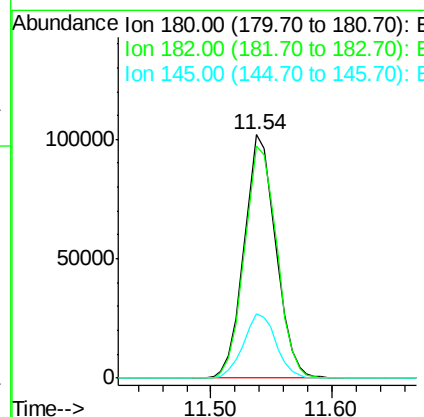
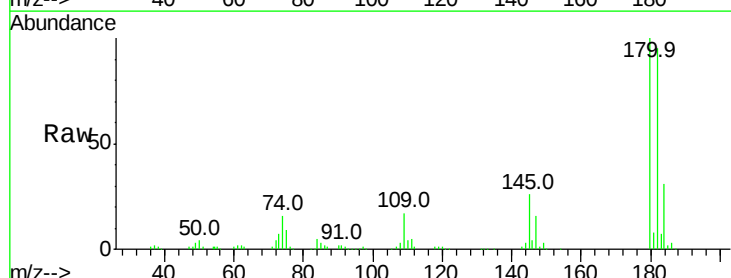
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 178372
 Ion Ratio Lower Upper
 162 100
 164 66.6 48.0 88.0
 98 28.7 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 35.953 ng
 RT: 11.54 min Scan# 1404
 Delta R.T. -0.04 min
 Lab File: BG031849.D
 Acq: 29 Dec 2017 6:40

Tgt Ion:180 Resp: 186804
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.5 116.3
 145 26.4 23.4 35.2





#31

Naphthalene

Concen: 37.012 ng

RT: 11.74 min Scan# 1439

Delta R.T. -0.03 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

Instrument :

BNA_G

ClientSampleId :

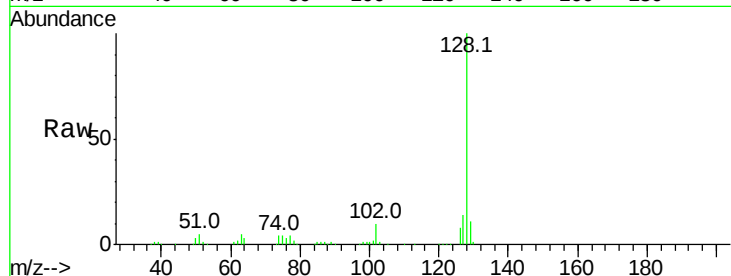
Tot Ion:128 Resp: 449629

Ion Ratio Lower Upper

128 100

129 11.4 8.6 12.8

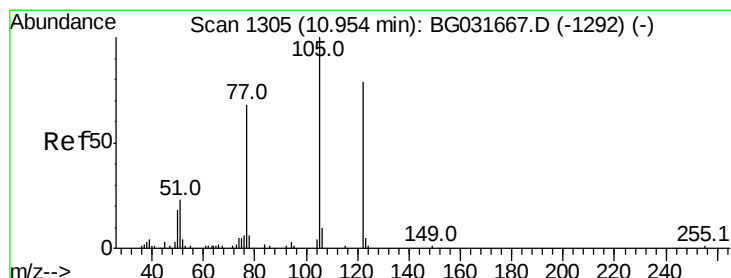
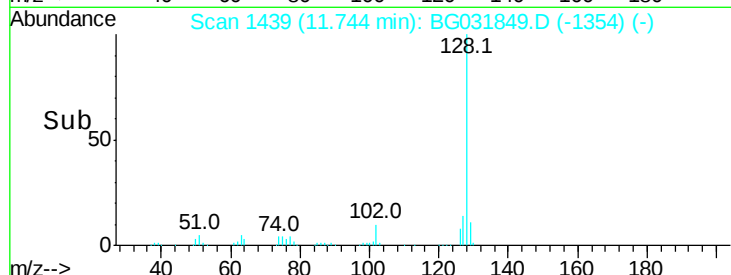
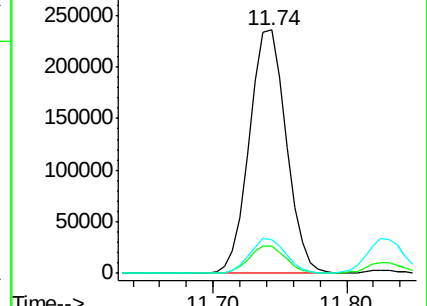
127 13.8 11.6 17.4



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: 11.471 ng

RT: 10.94 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

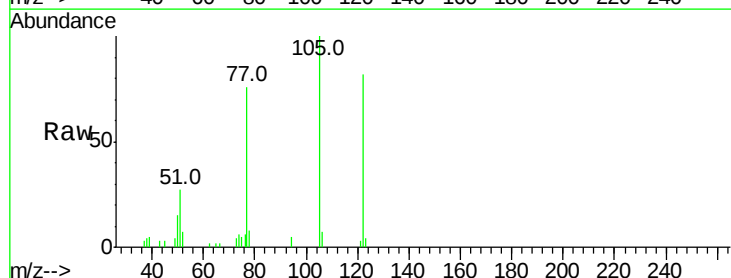
Tgt Ion:122 Resp: 13719

Ion Ratio Lower Upper

122 100

105 122.5 123.5 163.5#

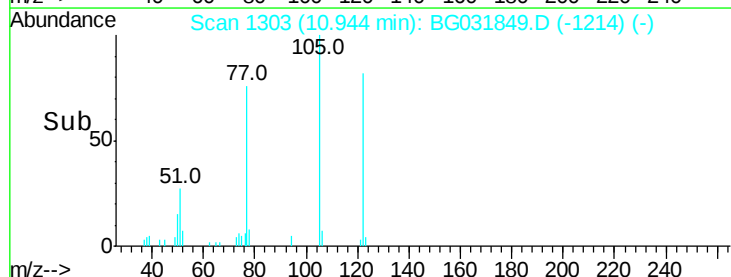
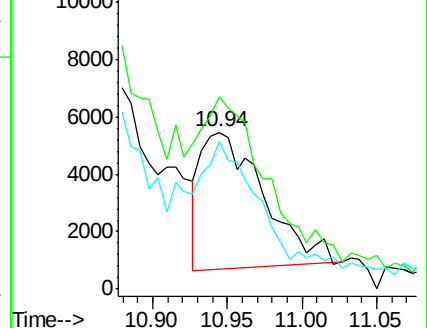
77 93.6 85.7 125.7

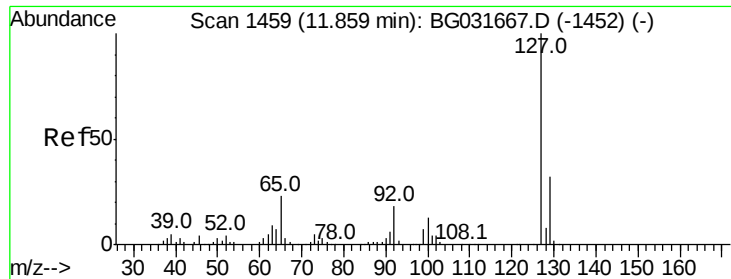


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

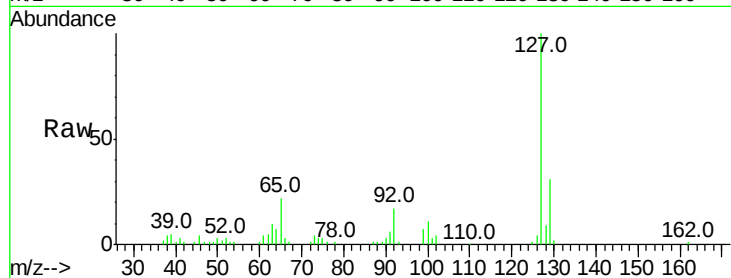




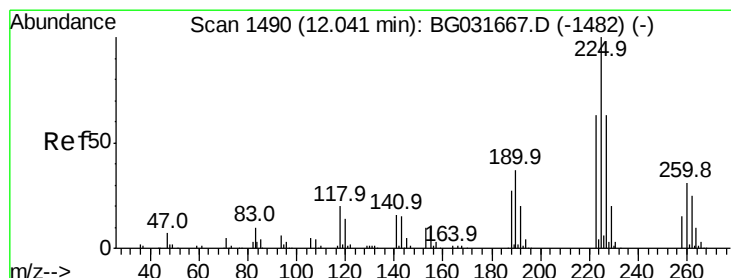
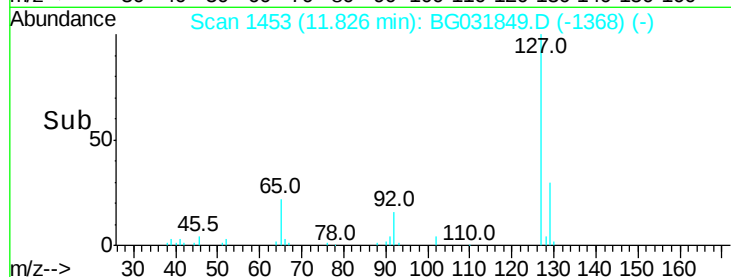
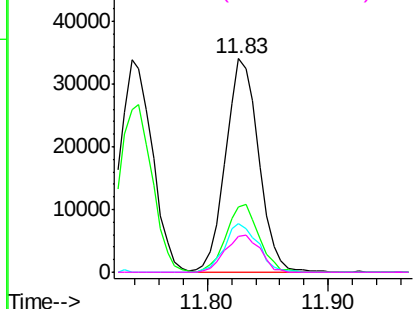
#33
4-Chloroaniline
Concen: 12.015 ng
RT: 11.83 min Scan# 1453
Delta R.T. -0.03 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	64985
Ion	Ratio	Lower	Upper
127	100		
129	30.7	24.0	36.0
65	22.5	27.0	40.4#
92	16.7	16.6	25.0

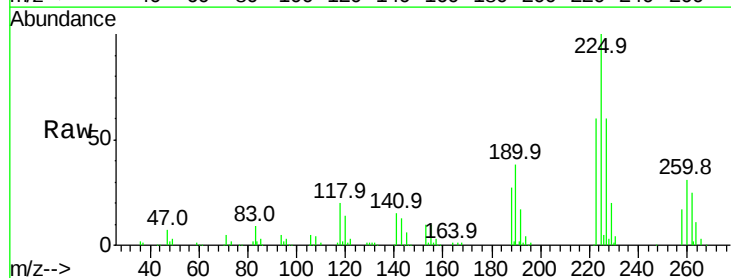


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

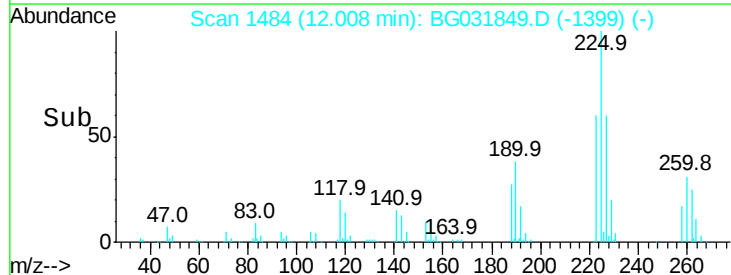
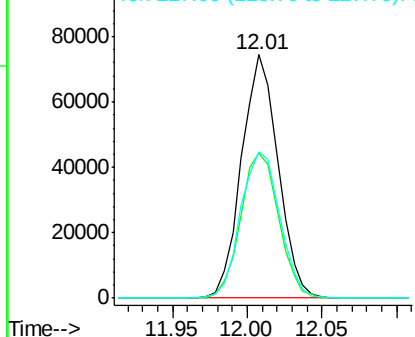


#34
Hexachlorobutadiene
Concen: 35.369 ng
RT: 12.01 min Scan# 1484
Delta R.T. -0.03 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

Tgt Ion:	225	Resp:	126162
Ion	Ratio	Lower	Upper
225	100		
223	59.6	49.7	74.5
227	60.2	48.1	72.1



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





#35

Caprolactam

Concen: 41.059 ng

RT: 12.58 min Scan# 1582

Delta R.T. -0.03 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

Instrument :

BNA_G

ClientSampleId :

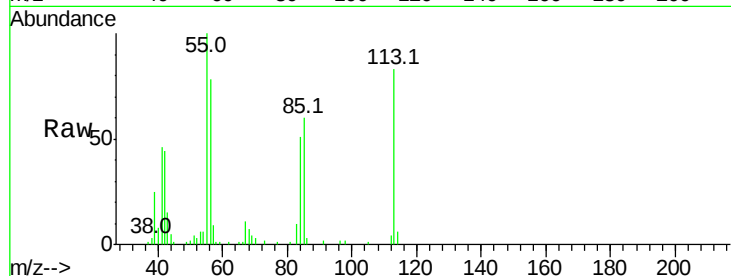
Tot Ion:113 Resp: 52962

Ion Ratio Lower Upper

113 100

55 120.3 186.9 226.9#

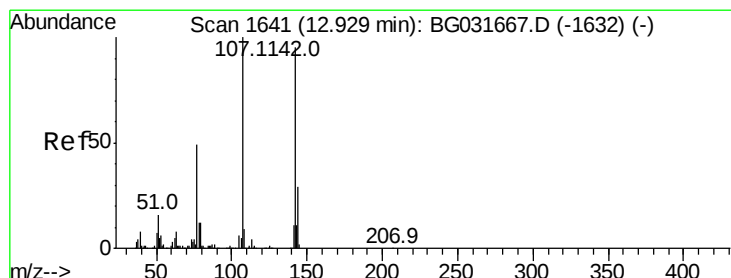
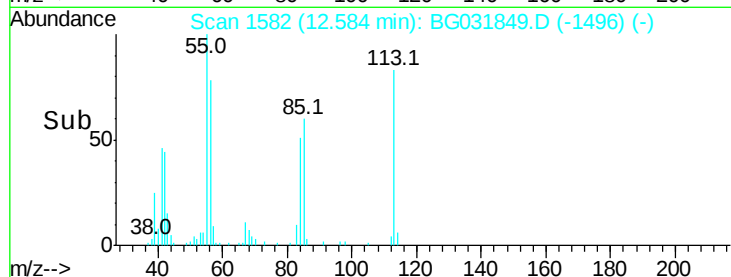
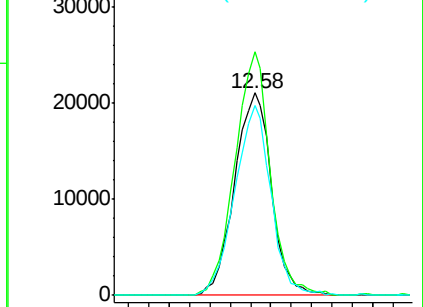
56 94.1 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.954 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.03 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

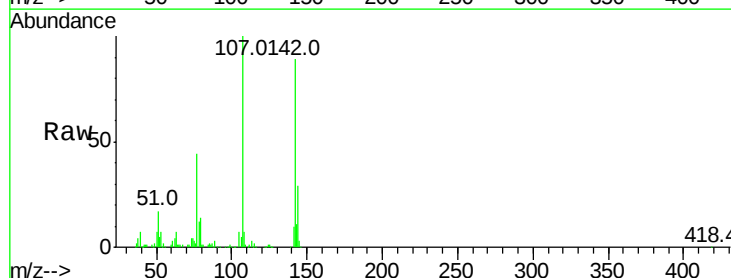
Tgt Ion:107 Resp: 160954

Ion Ratio Lower Upper

107 100

144 28.6 18.2 27.4#

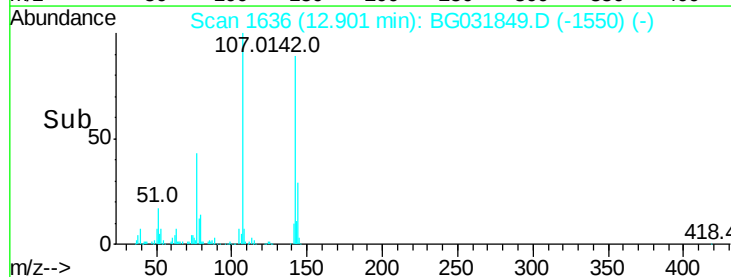
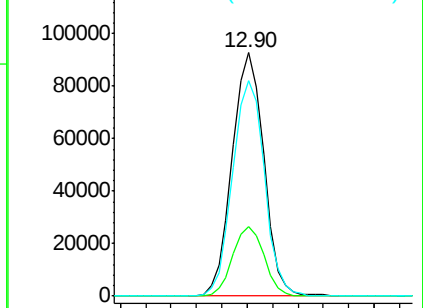
142 88.5 59.0 88.4#

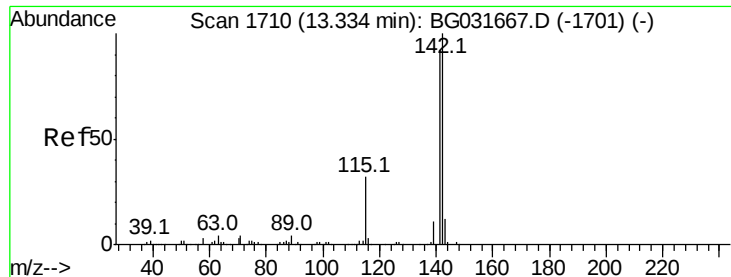


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

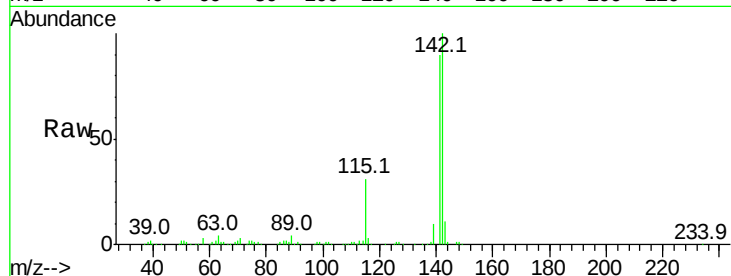




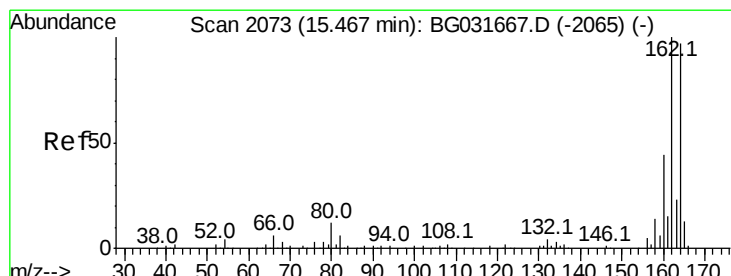
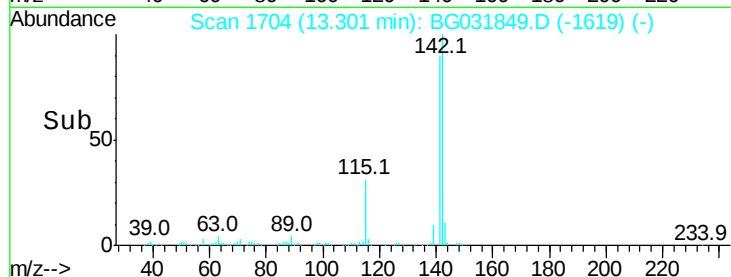
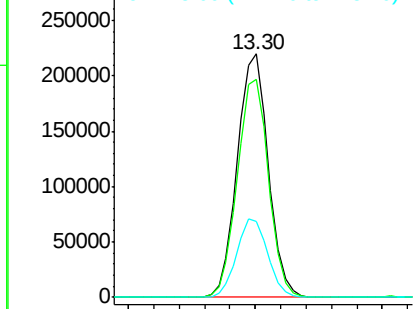
#37
2-Methylnaphthalene
Concen: 37.675 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

Instrument :
BNA_G
ClientSampled :

Tot Ion:142 Resp: 371026
Ion Ratio Lower Upper
142 100
141 89.8 67.1 100.7
115 31.4 30.7 46.1

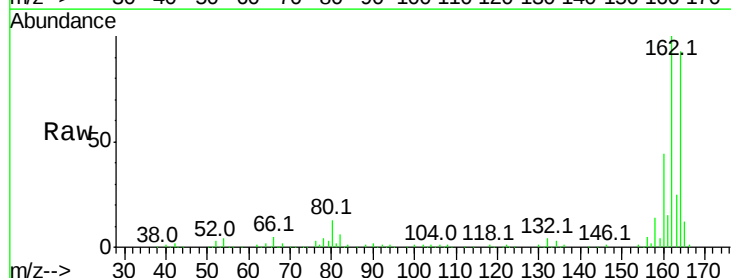


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

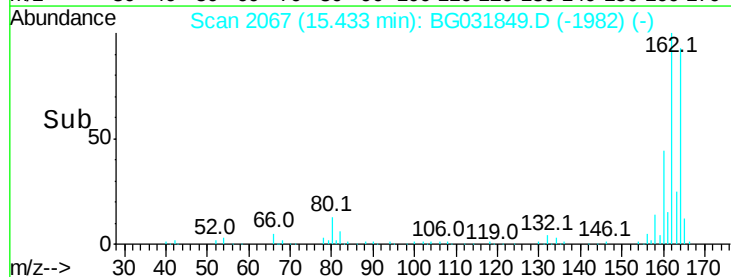
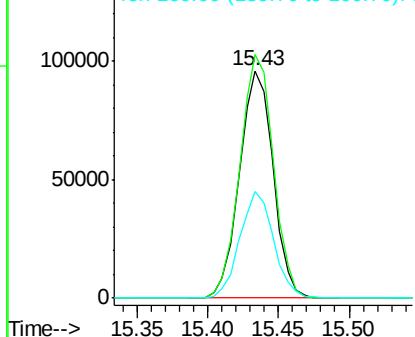


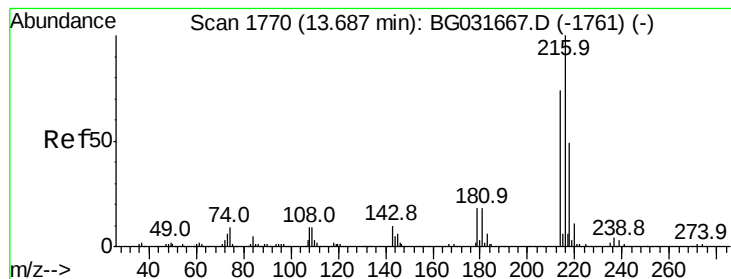
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

Tgt Ion:164 Resp: 159707
Ion Ratio Lower Upper
164 100
162 107.3 78.8 118.2
160 47.1 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: 37.751 ng

RT: 13.65 min Scan# 1764

Delta R.T. -0.03 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 253951

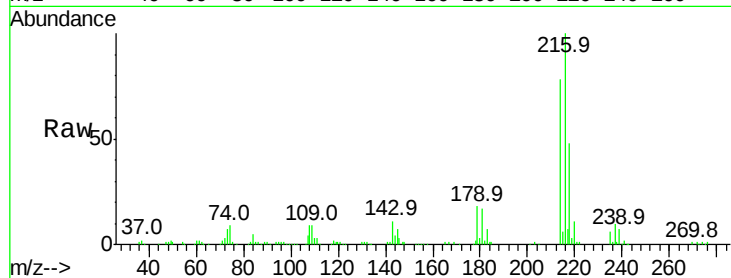
Ion Ratio Lower Upper

216 100

214 78.2 63.0 94.4

179 18.8 17.0 25.6

108 12.2 12.8 19.2#

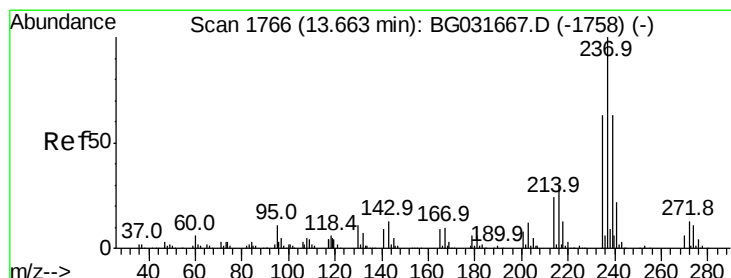
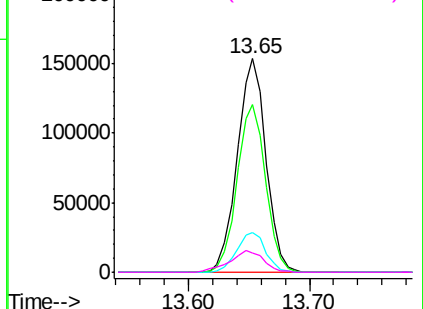
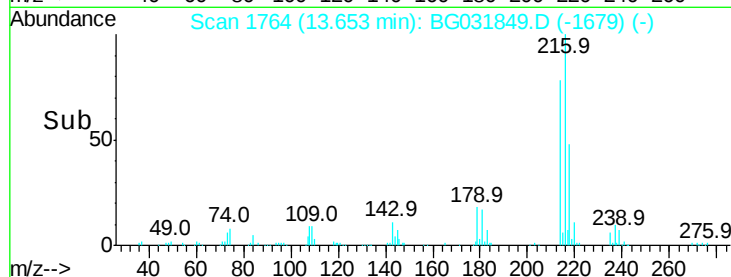


Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.998 ng

RT: 13.63 min Scan# 1760

Delta R.T. -0.03 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

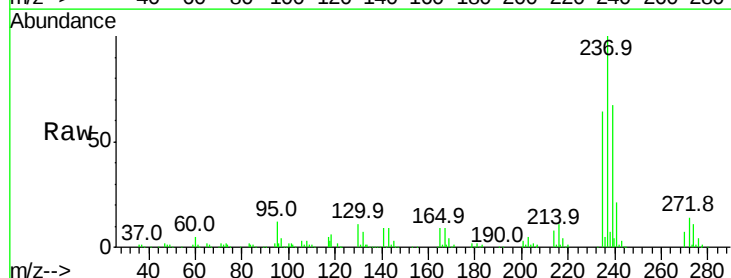
Tgt Ion:237 Resp: 308734

Ion Ratio Lower Upper

237 100

235 64.0 50.4 90.4

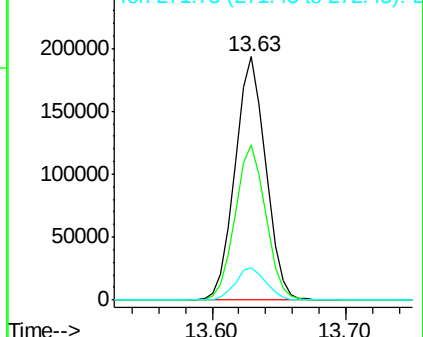
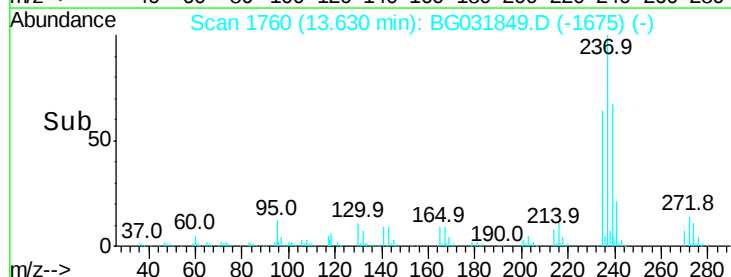
272 13.5 0.0 31.8

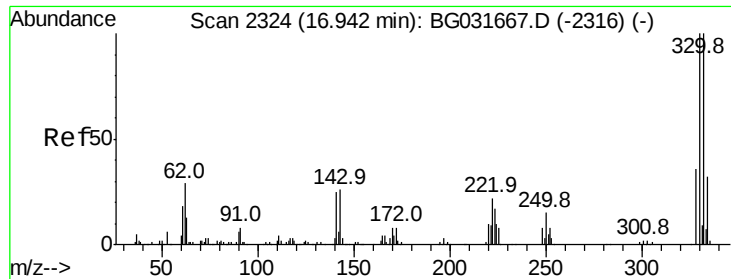


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 145.404 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.03 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

Instrument :

BNA_G

ClientSampled :

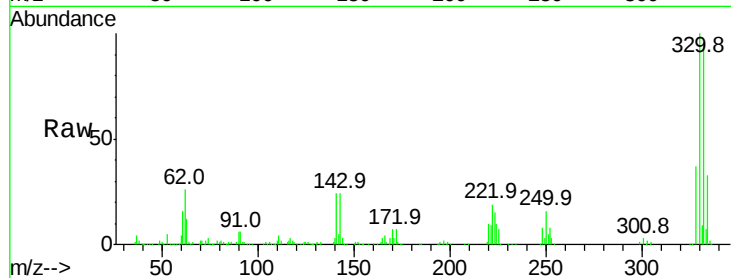
Tot Ion:330 Resp: 354335

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

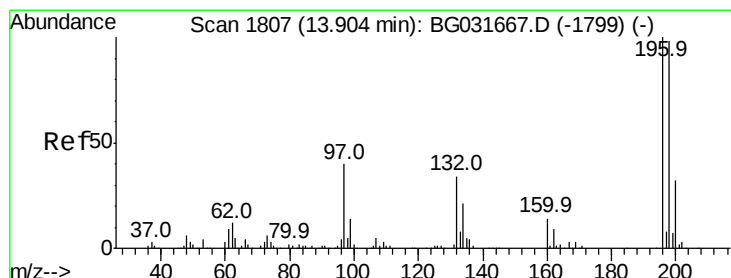
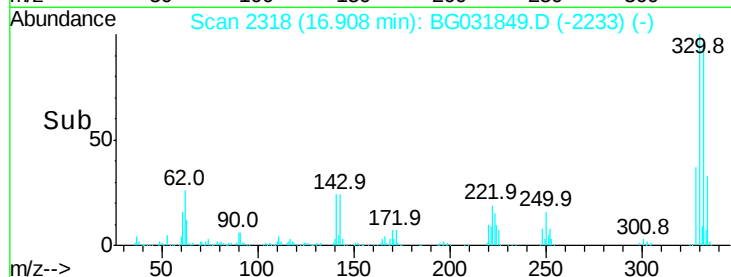
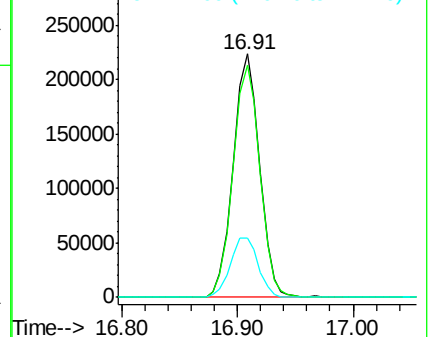
141 25.9 25.2 37.8



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: 41.925 ng

RT: 13.88 min Scan# 1802

Delta R.T. -0.03 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

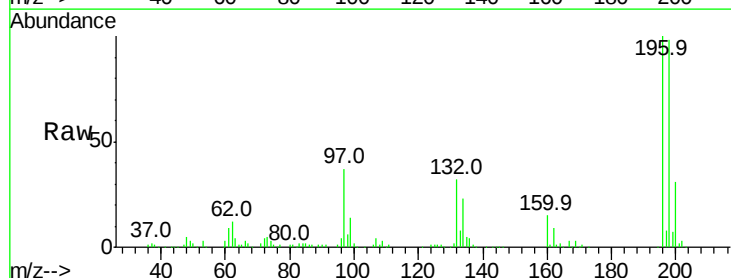
Tgt Ion:196 Resp: 162607

Ion Ratio Lower Upper

196 100

198 98.2 78.2 117.2

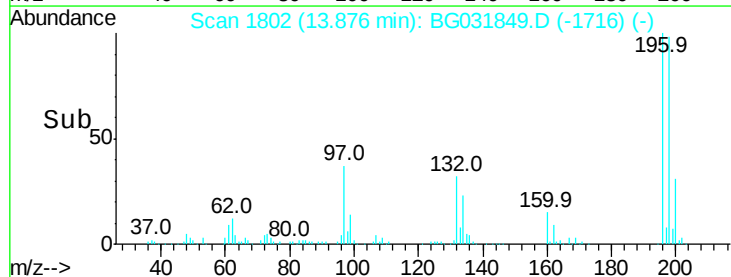
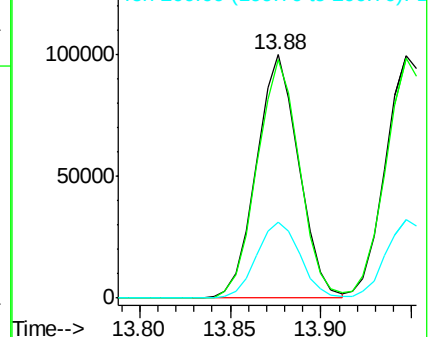
200 31.3 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

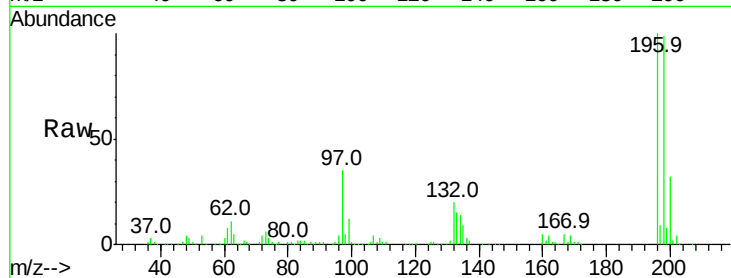




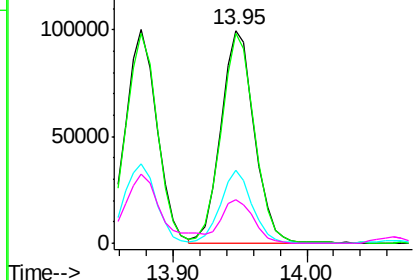
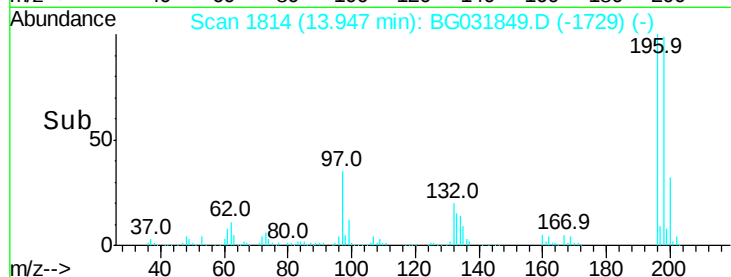
#43
 2,4,5-Trichlorophenol
 Concen: 40.508 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.03 min
 Lab File: BG031849.D
 Acq: 29 Dec 2017 6:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 174110
 Ion Ratio Lower Upper
 196 100
 198 98.7 76.2 114.4
 97 34.5 38.7 58.1#
 132 20.4 20.2 30.2

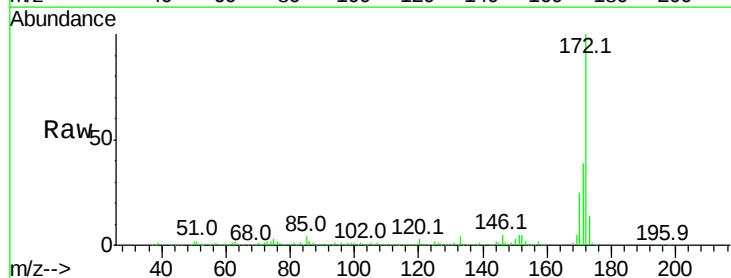


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

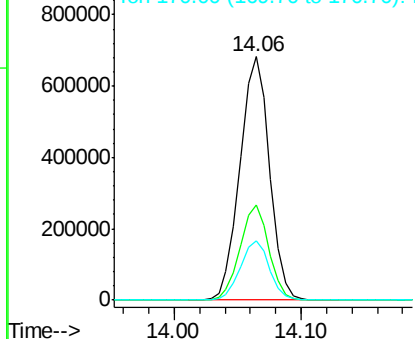
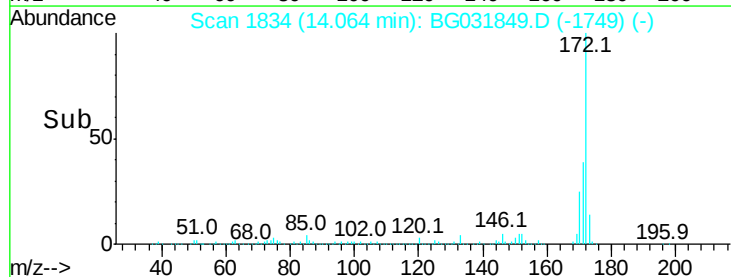


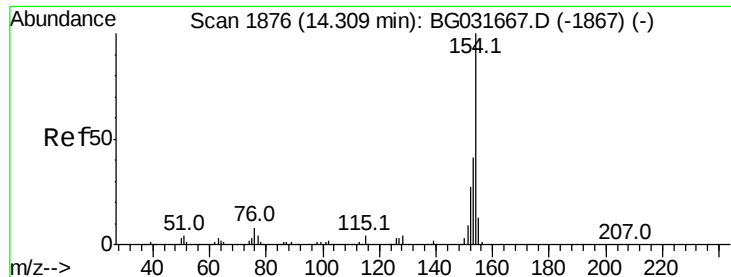
#44
 2-Fluorobiphenyl
 Concen: 86.397 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031849.D
 Acq: 29 Dec 2017 6:40

Tgt Ion:172 Resp: 1099348
 Ion Ratio Lower Upper
 172 100
 171 39.0 30.0 45.0
 170 24.6 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

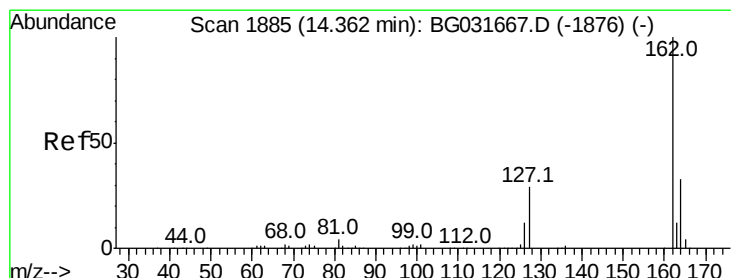
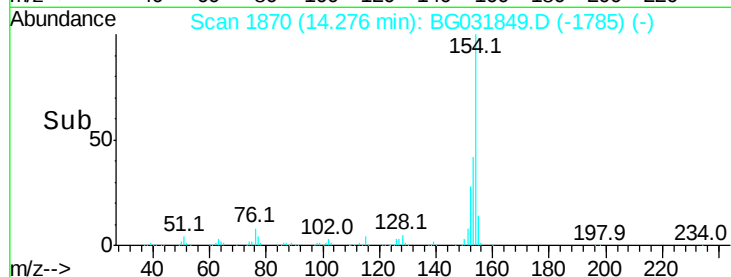
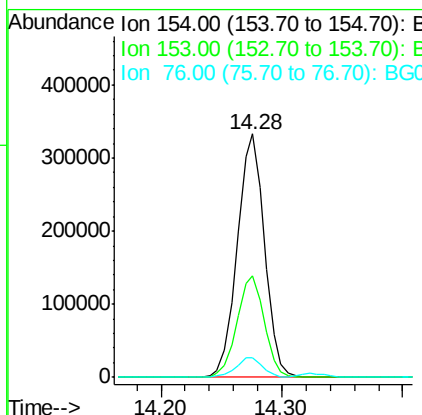
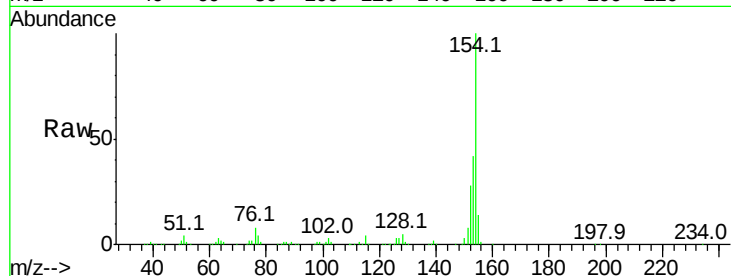




#45
 1,1'-Biphenyl
 Concen: 38.187 ng
 RT: 14.28 min Scan# 1870
 Delta R.T. -0.03 min
 Lab File: BG031849.D
 Acq: 29 Dec 2017 6:40

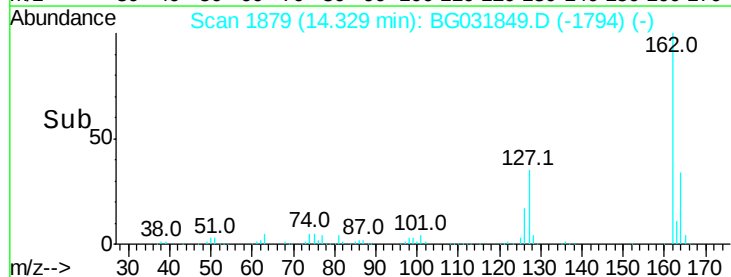
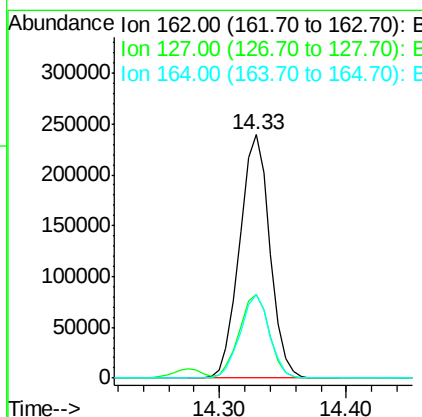
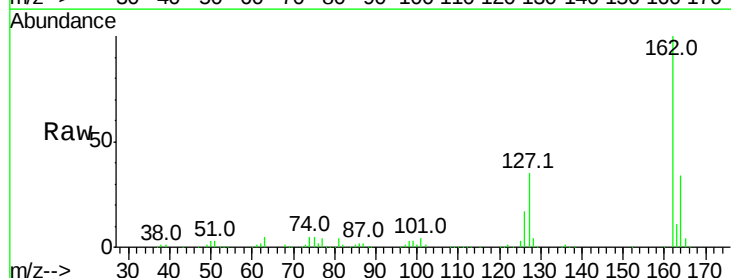
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	19.8	59.8
76	8.1	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 37.952 ng
 RT: 14.33 min Scan# 1879
 Delta R.T. -0.03 min
 Lab File: BG031849.D
 Acq: 29 Dec 2017 6:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.5	30.7	46.1
164	34.3	26.0	39.0

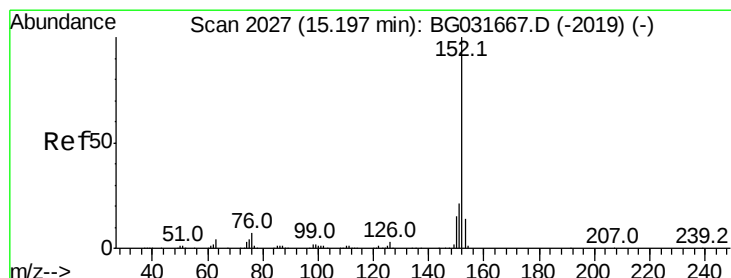
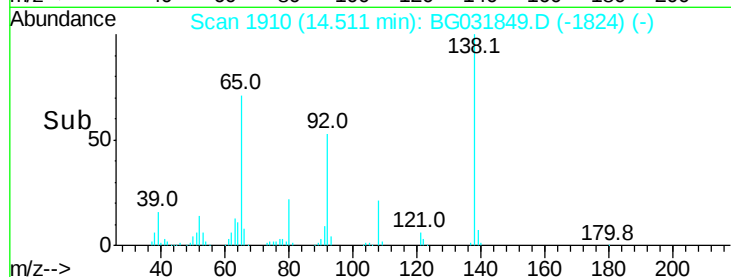
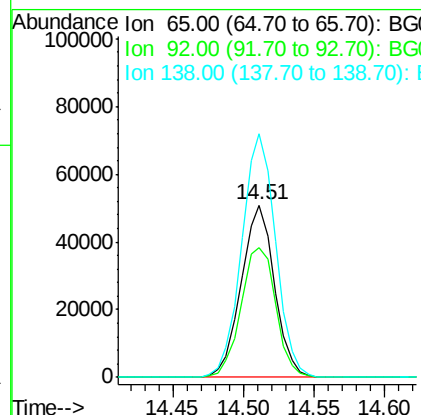
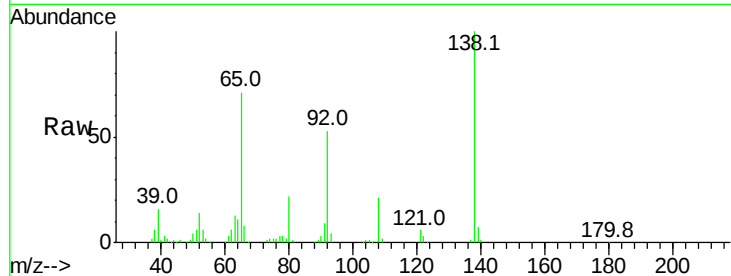




#47
 2-Nitroaniline
 Concen: 46.596 ng
 RT: 14.51 min Scan# 1910
 Delta R.T. -0.03 min
 Lab File: BG031849.D
 Acq: 29 Dec 2017 6:40

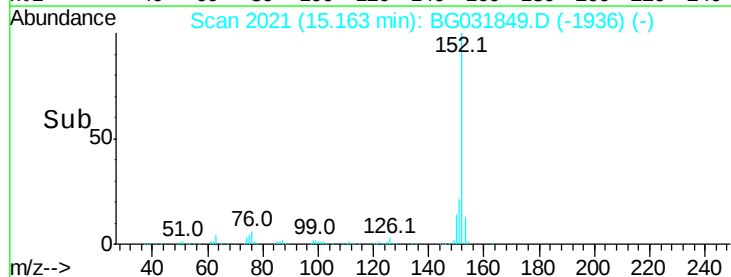
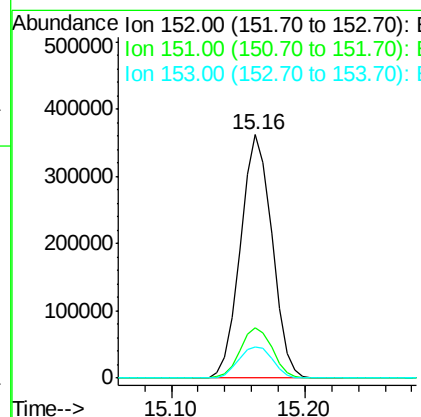
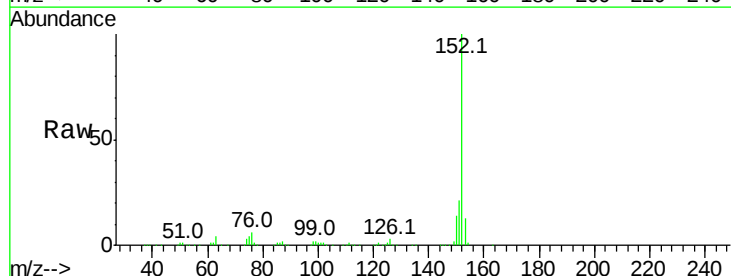
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.1	54.6	82.0
138	141.1	72.9	109.3



#48
 Acenaphthylene
 Concen: 35.601 ng
 RT: 15.16 min Scan# 2021
 Delta R.T. -0.03 min
 Lab File: BG031849.D
 Acq: 29 Dec 2017 6:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.2	25.8
153	12.7	10.2	15.4

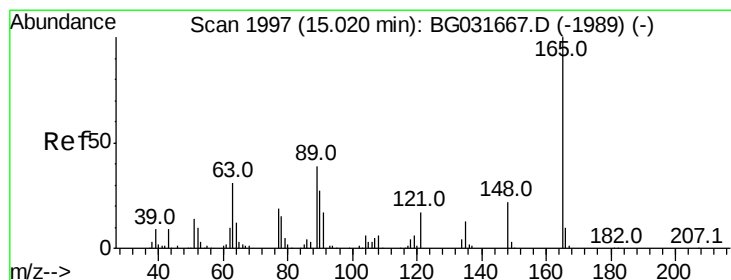
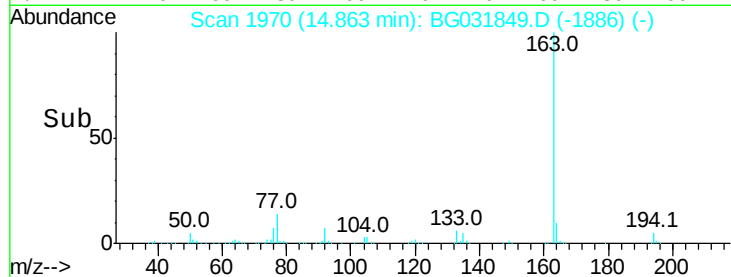
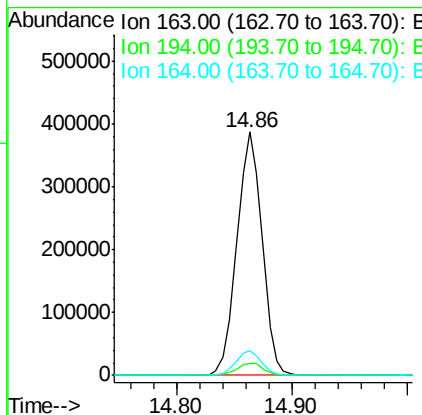
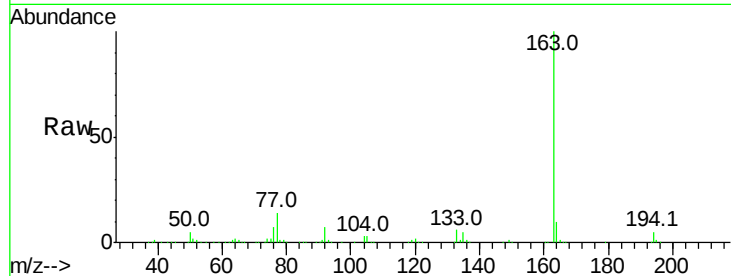




#49
Dimethylphthalate
Concen: 41.516 ng
RT: 14.86 min Scan# 1970
Delta R.T. -0.04 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

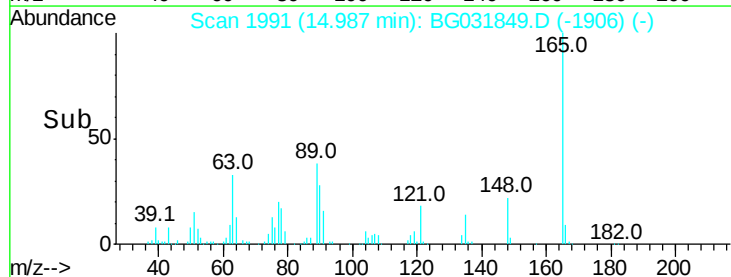
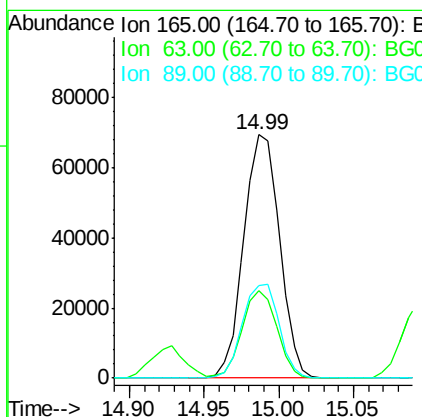
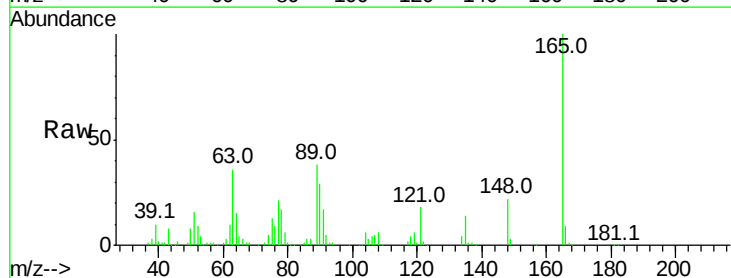
Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 584108
Ion Ratio Lower Upper
163 100
194 5.0 3.4 5.2
164 10.3 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 44.591 ng
RT: 14.99 min Scan# 1991
Delta R.T. -0.03 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

Tgt Ion:165 Resp: 115413
Ion Ratio Lower Upper
165 100
63 35.7 52.7 79.1#
89 37.9 49.2 73.8#





#51

Acenaphthene

Concen: 37.441 ng

RT: 15.50 min Scan# 2078

Delta R.T. -0.03 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

Instrument :

BNA_G

ClientSampleId :

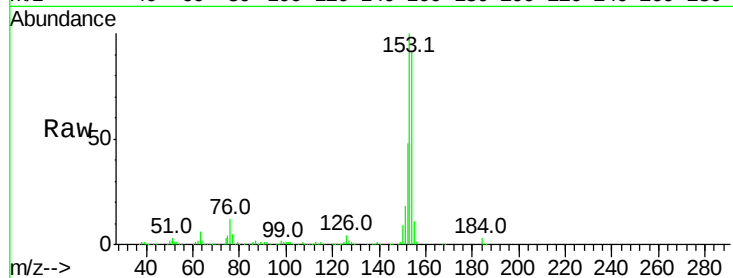
Tot Ion:154 Resp: 408158

Ion Ratio Lower Upper

154 100

153 109.5 90.4 135.6

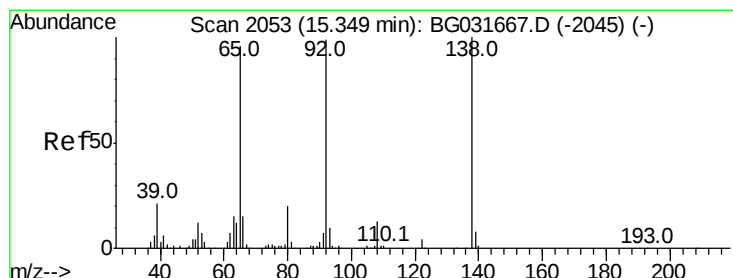
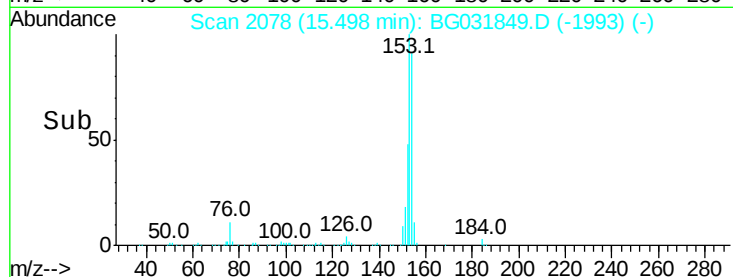
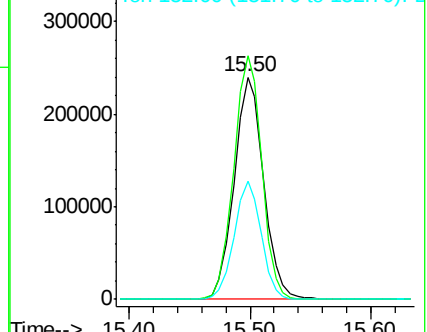
152 53.0 41.6 62.4



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: 21.830 ng

RT: 15.32 min Scan# 2047

Delta R.T. -0.03 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

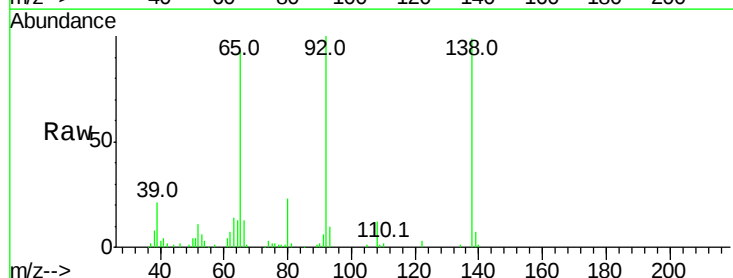
Tgt Ion:138 Resp: 55125

Ion Ratio Lower Upper

138 100

108 12.2 17.5 26.3#

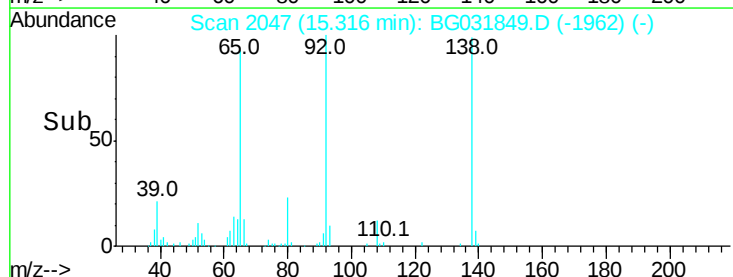
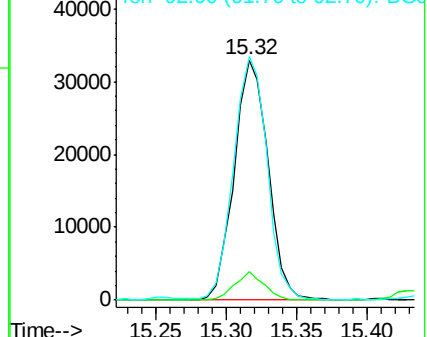
92 101.4 105.8 158.8#



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

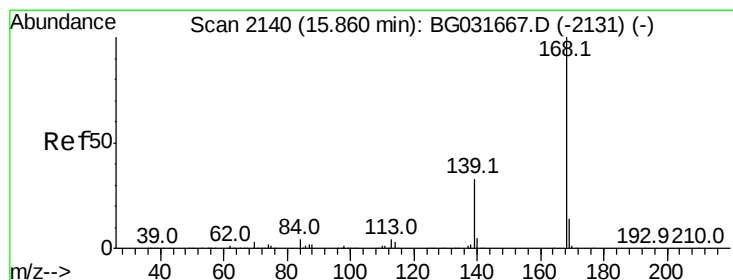
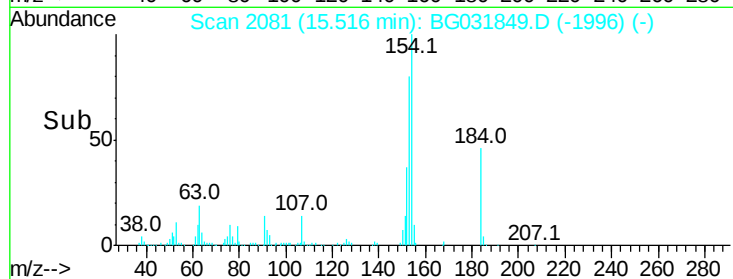
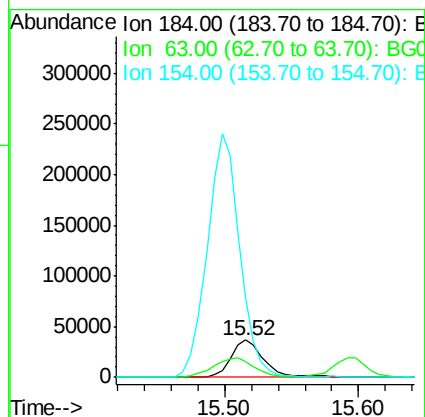
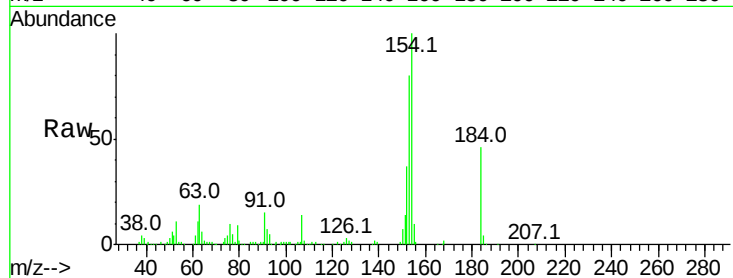




#53
 2,4-Dinitrophenol
 Concen: 59.730 ng
 RT: 15.52 min Scan# 2081
 Delta R.T. -0.03 min
 Lab File: BG031849.D
 Acq: 29 Dec 2017 6:40

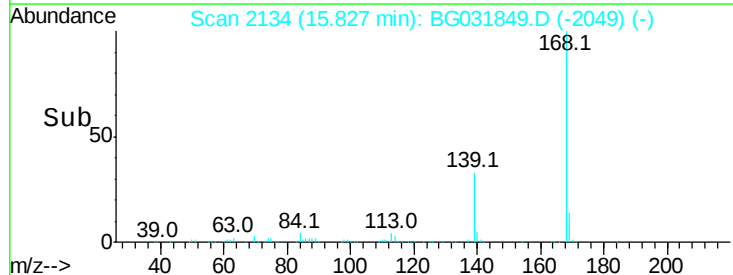
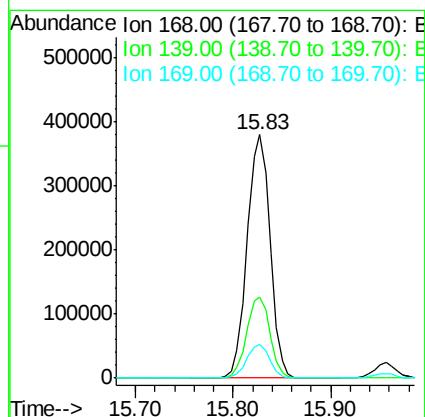
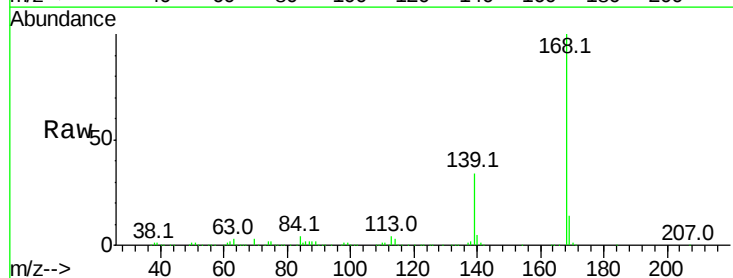
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 63325
 Ion Ratio Lower Upper
 184 100
 63 41.9 59.8 89.8#
 154 216.3 101.8 152.8#



#54
 Dibenzofuran
 Concen: 37.308 ng
 RT: 15.83 min Scan# 2134
 Delta R.T. -0.03 min
 Lab File: BG031849.D
 Acq: 29 Dec 2017 6:40

Tgt Ion:168 Resp: 623436
 Ion Ratio Lower Upper
 168 100
 139 33.6 28.6 43.0
 169 13.8 11.2 16.8





#55

4-Nitrophenol

Concen: 79.665 ng

RT: 15.60 min Scan# 2095

Delta R.T. -0.02 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

Instrument :

BNA_G

ClientSampleId :

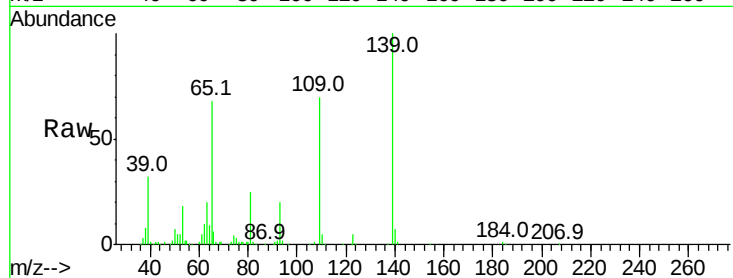
Tot Ion:139 Resp: 163732

Ion Ratio Lower Upper

139 100

109 69.9 62.2 102.2

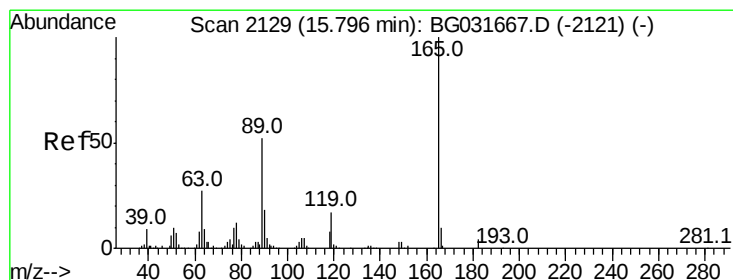
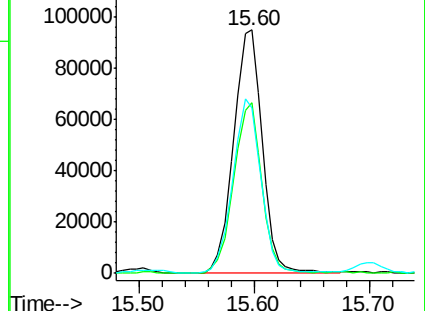
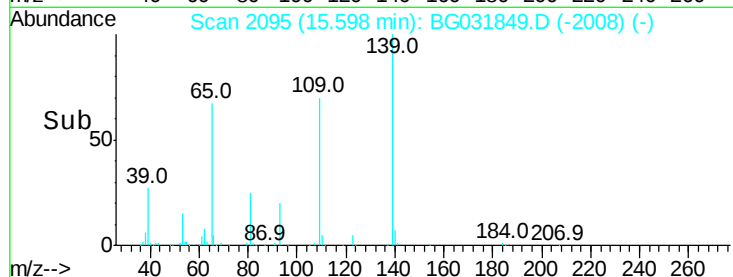
65 67.7 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 48.867 ng

RT: 15.76 min Scan# 2123

Delta R.T. -0.03 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

Tgt Ion:165 Resp: 162636

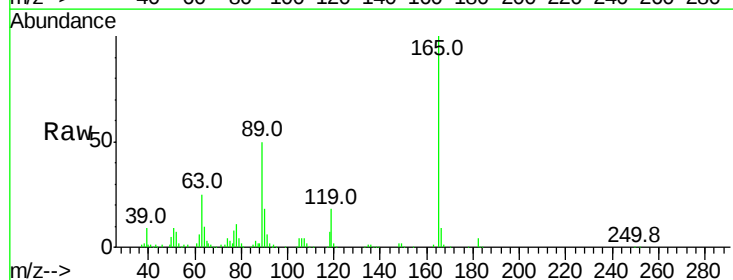
Ion Ratio Lower Upper

165 100

63 24.7 42.0 63.0#

89 49.6 66.9 100.3#

182 4.0 2.6 3.8#

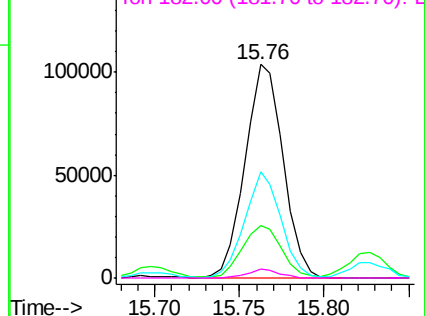
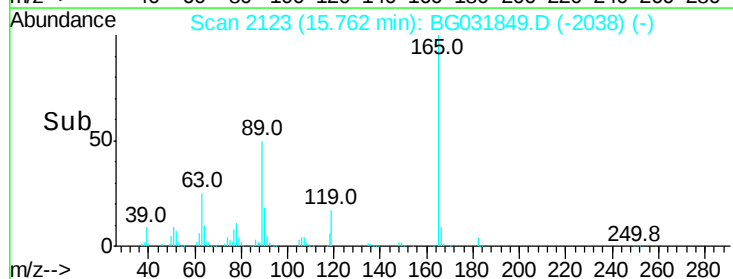


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

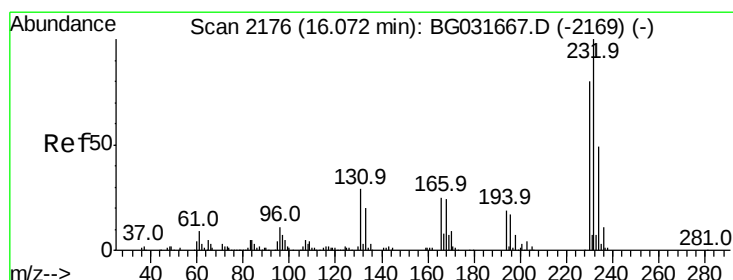
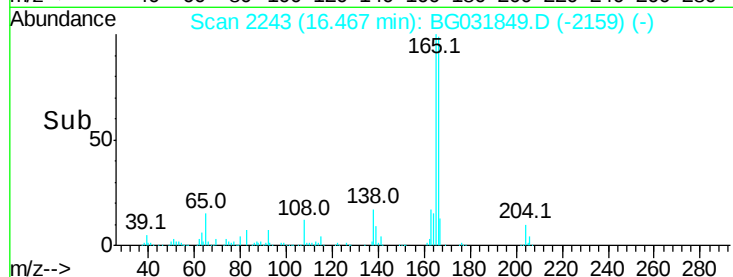
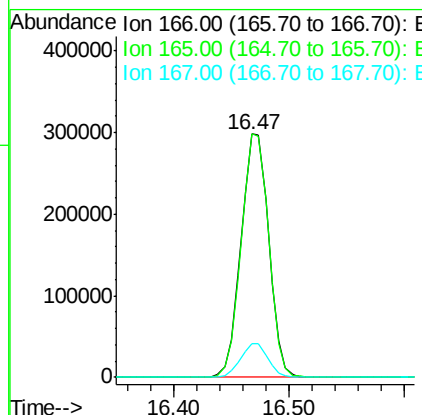
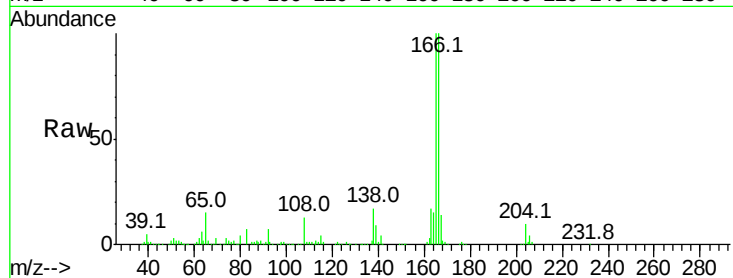




#57
 Fluorene
 Concen: 36.444 ng
 RT: 16.47 min Scan# 2243
 Delta R.T. -0.04 min
 Lab File: BG031849.D
 Acq: 29 Dec 2017 6:40

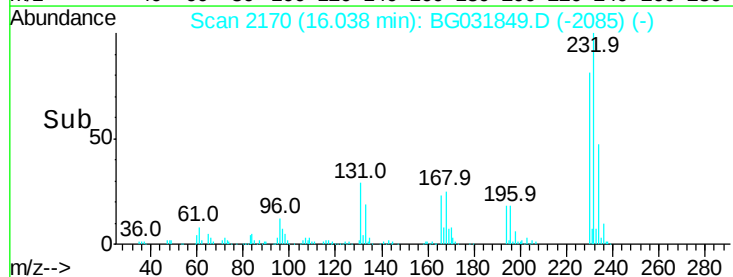
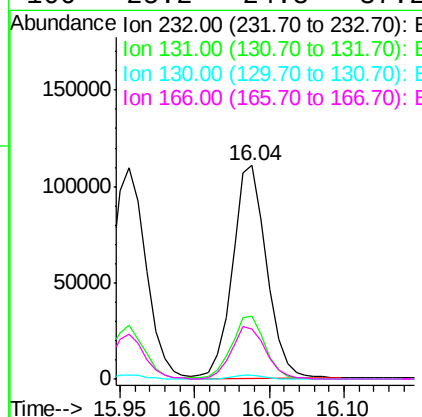
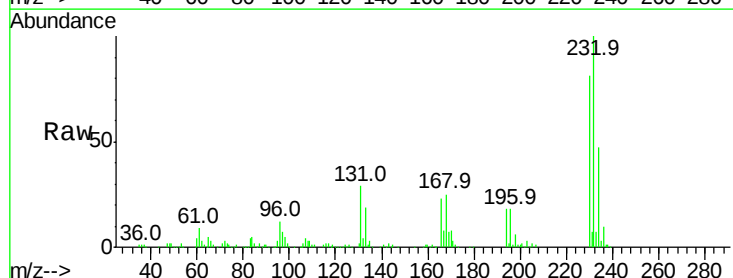
Instrument :
 BNA_G
 ClientSampleId :

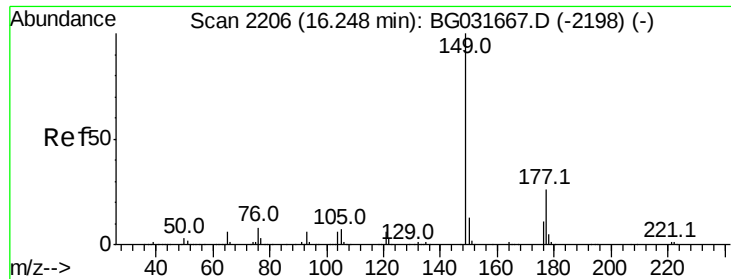
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.9	80.6	121.0
167	14.1	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.976 ng
 RT: 16.04 min Scan# 2170
 Delta R.T. -0.03 min
 Lab File: BG031849.D
 Acq: 29 Dec 2017 6:40

Tgt Ion	Ratio	Lower	Upper
232	100		
131	29.6	33.5	50.3#
130	1.6	2.2	3.2#
166	25.2	24.8	37.2

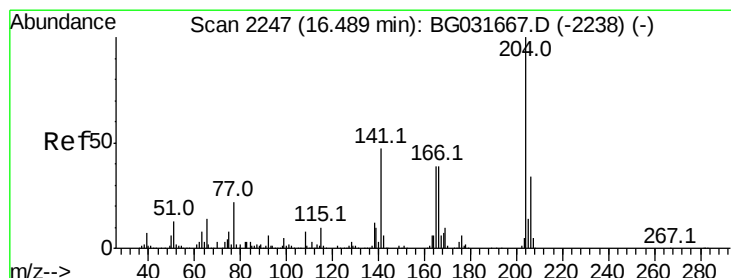
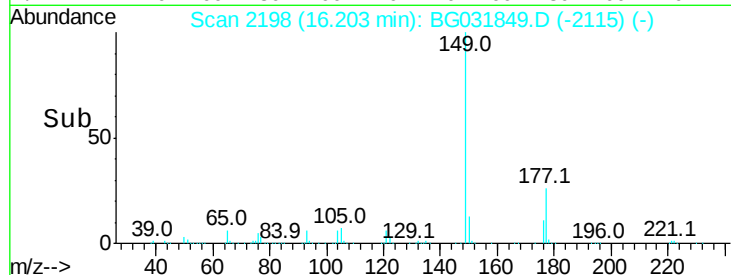
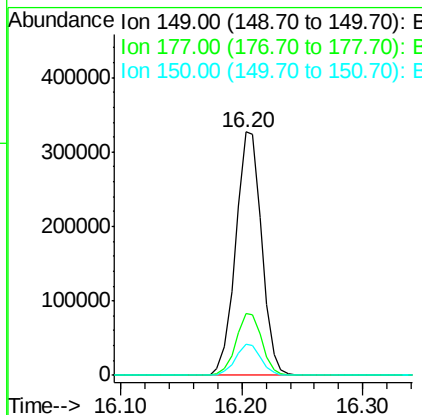
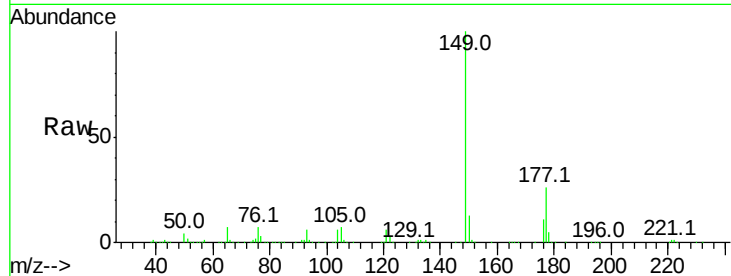




#59
Diethylphthalate
Concen: 35.654 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.05 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

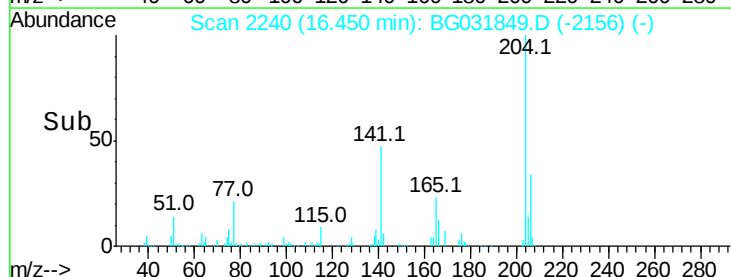
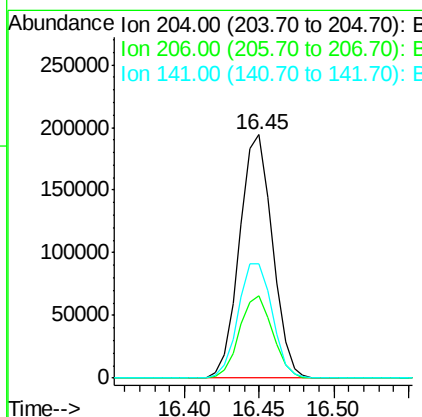
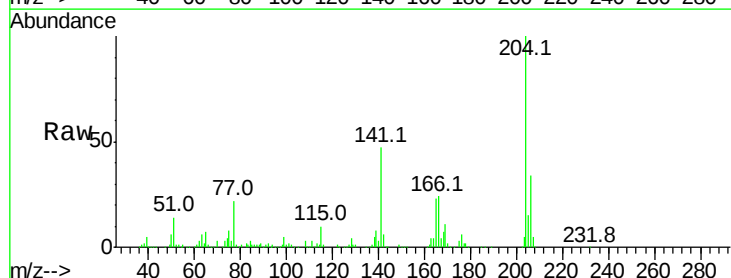
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.5	18.5	27.7
150	13.0	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 35.817 ng
RT: 16.45 min Scan# 2240
Delta R.T. -0.04 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.2	39.2
141	47.1	45.8	68.6

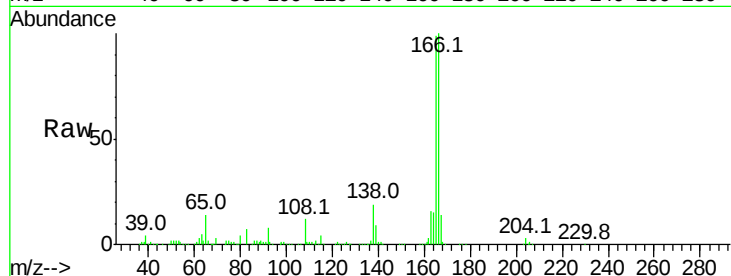




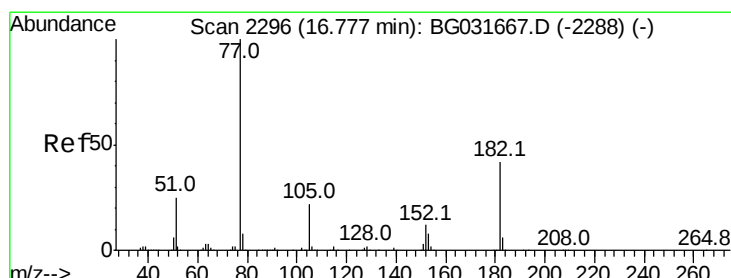
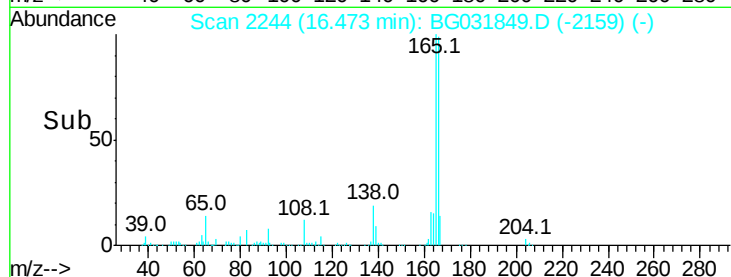
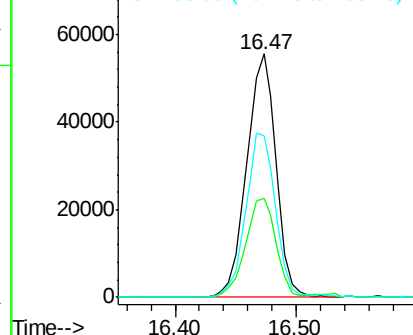
#61
4-Nitroaniline
Concen: 38.212 ng
RT: 16.47 min Scan# 2244
Delta R.T. -0.03 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 94162
Ion Ratio Lower Upper
138 100
92 40.8 40.1 80.1
108 66.7 65.4 105.4

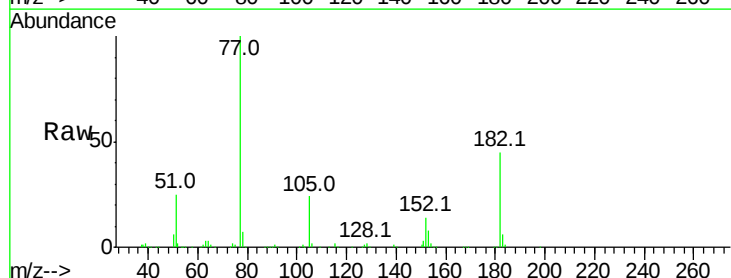


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

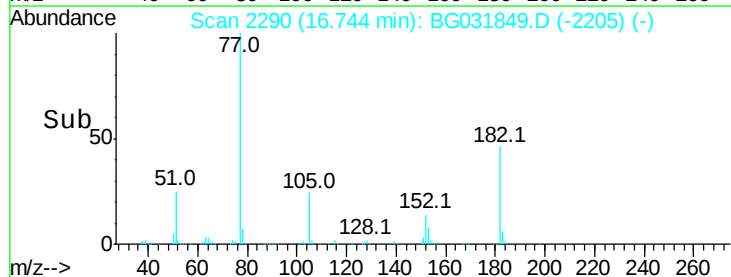
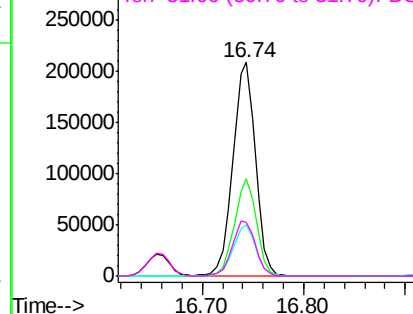


#62
Azobenzene
Concen: 36.644 ng
RT: 16.74 min Scan# 2290
Delta R.T. -0.03 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

Tgt Ion: 77 Resp: 322260
Ion Ratio Lower Upper
77 100
182 45.4 7.4 47.4
105 23.8 0.3 40.3
51 25.5 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: 18.17 min Scan# 2532

Delta R.T. -0.04 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

Instrument :

BNA_G

ClientSampleId :

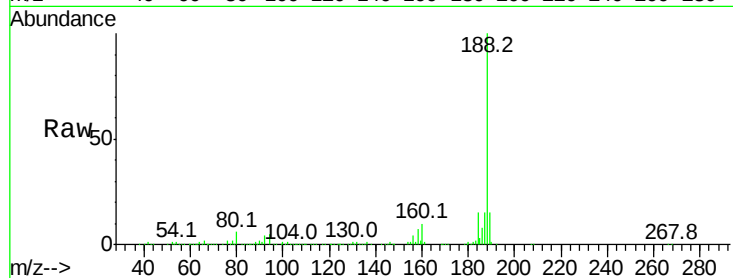
Tot Ion:188 Resp: 386897

Ion Ratio Lower Upper

188 100

94 5.2 6.9 10.3#

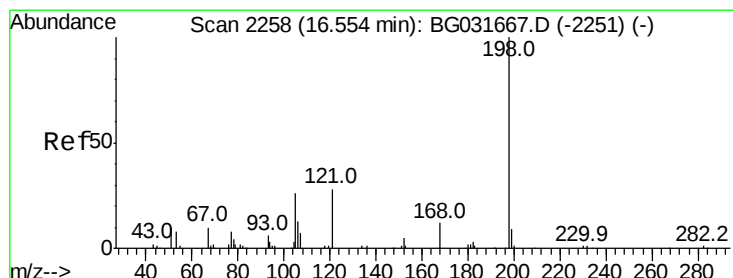
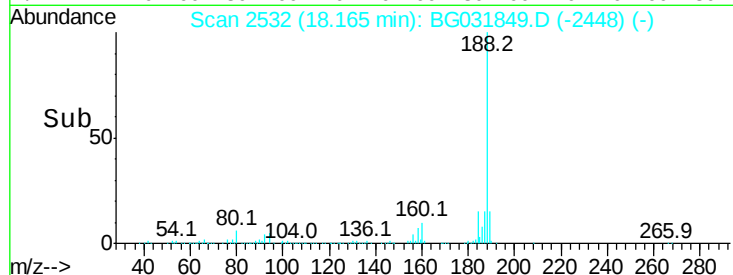
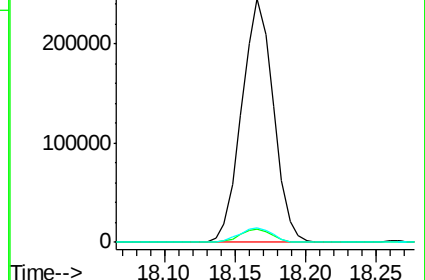
80 5.9 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 37.848 ng

RT: 16.52 min Scan# 2252

Delta R.T. -0.03 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

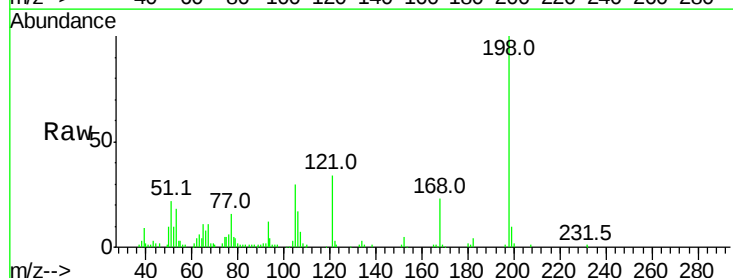
Tgt Ion:198 Resp: 67238

Ion Ratio Lower Upper

198 100

51 21.9 30.6 70.6#

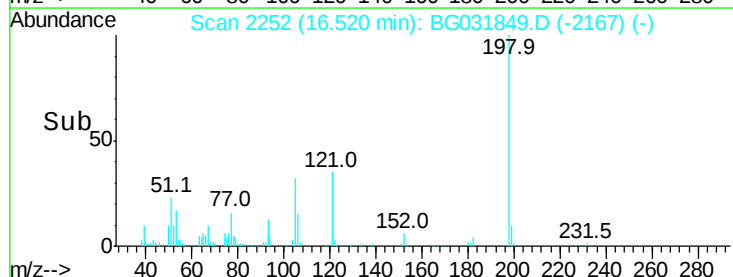
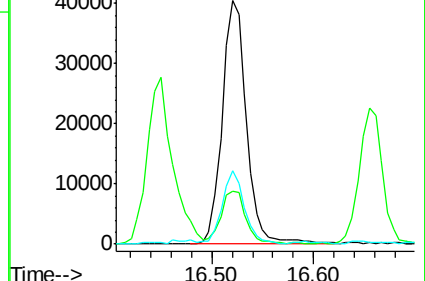
105 30.3 23.8 63.8

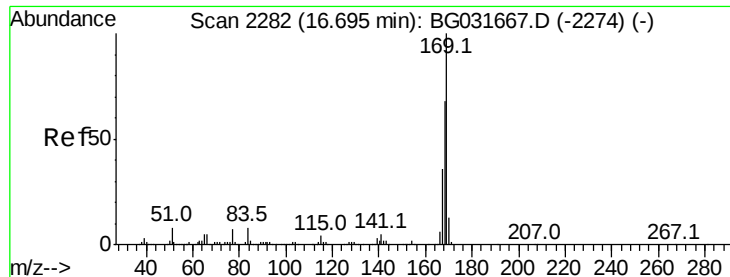


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 35.337 ng

RT: 16.66 min Scan# 2275

Delta R.T. -0.04 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

Instrument :

BNA_G

ClientSampleId :

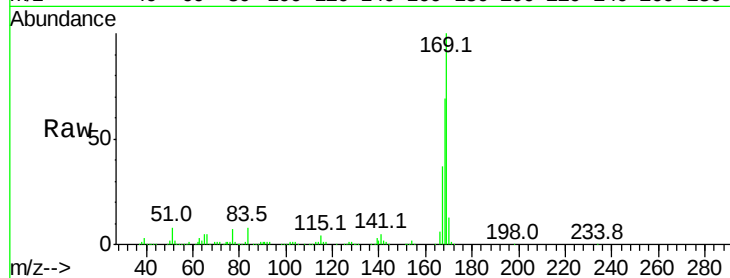
Tot Ion:169 Resp: 454075

Ion Ratio Lower Upper

169 100

168 68.6 55.7 83.5

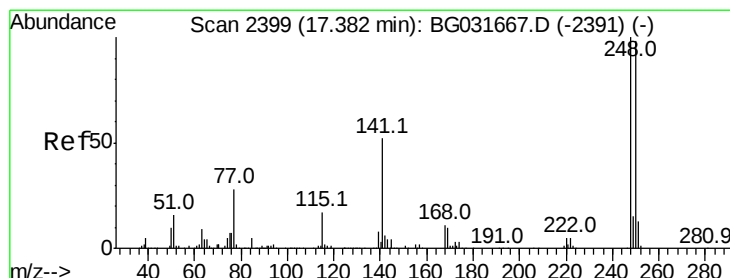
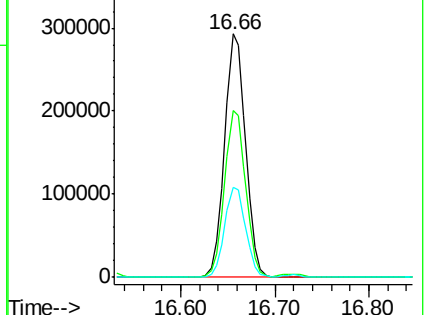
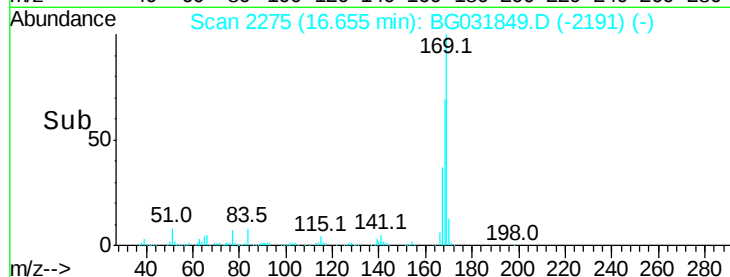
167 36.8 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.361 ng

RT: 17.34 min Scan# 2392

Delta R.T. -0.04 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

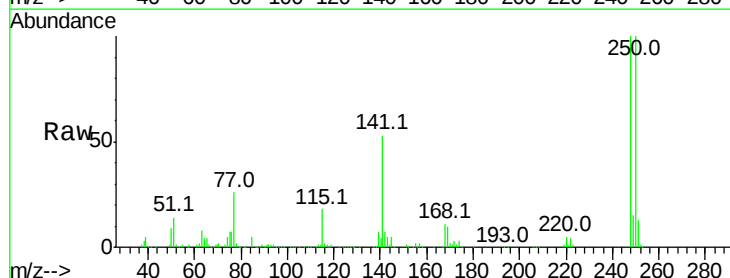
Tgt Ion:248 Resp: 214620

Ion Ratio Lower Upper

248 100

250 100.0 77.1 115.7

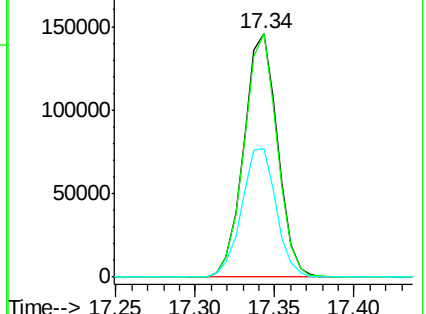
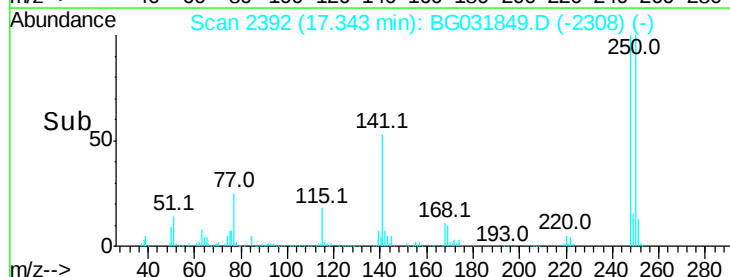
141 52.5 50.8 76.2



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

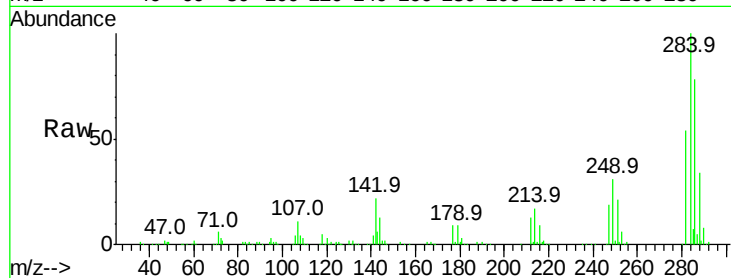




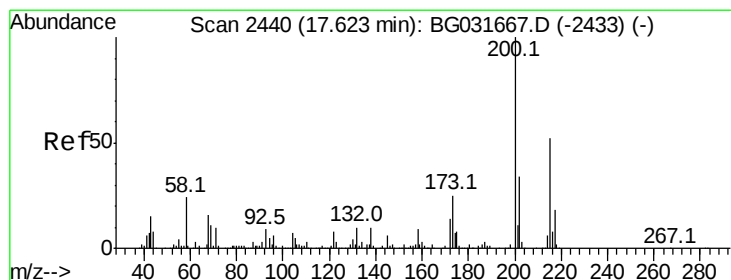
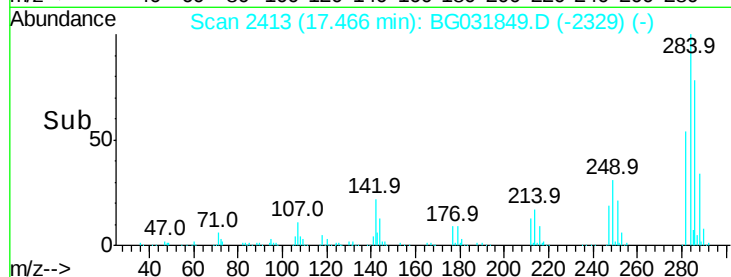
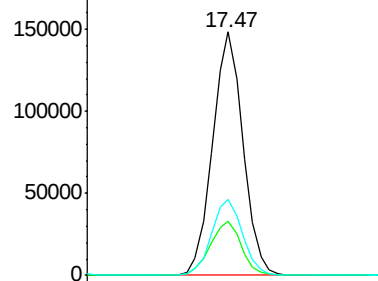
#67
Hexachlorobenzene
Concen: 38.972 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.04 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	22.3	26.8	40.2#
249	31.5	26.3	39.5

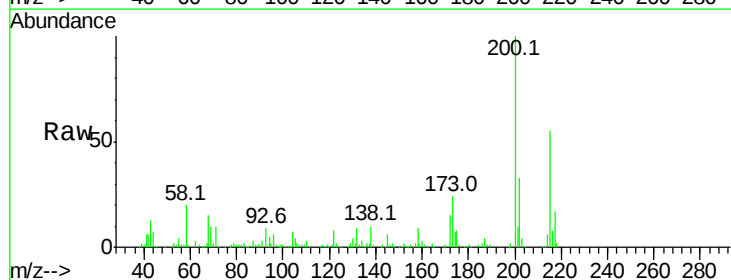


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

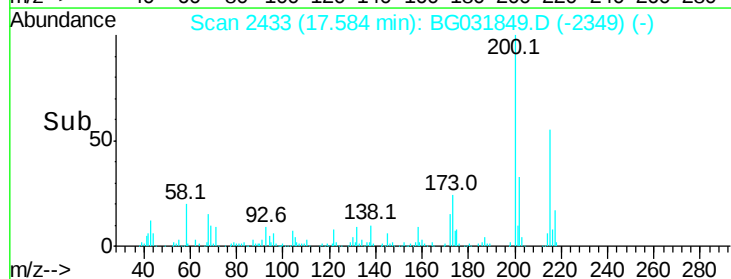
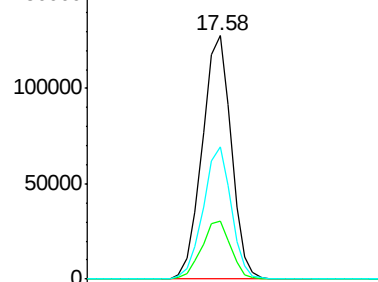


#68
Atrazine
Concen: 36.483 ng
RT: 17.58 min Scan# 2433
Delta R.T. -0.04 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.0	5.2	45.2
215	54.5	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

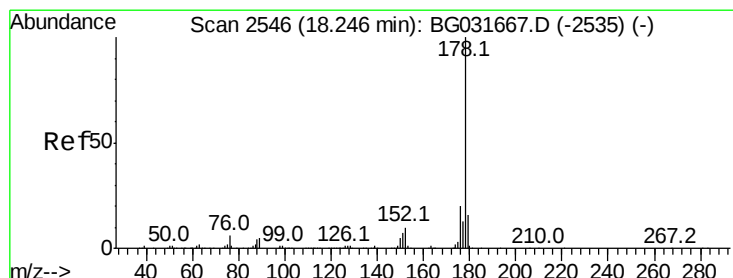
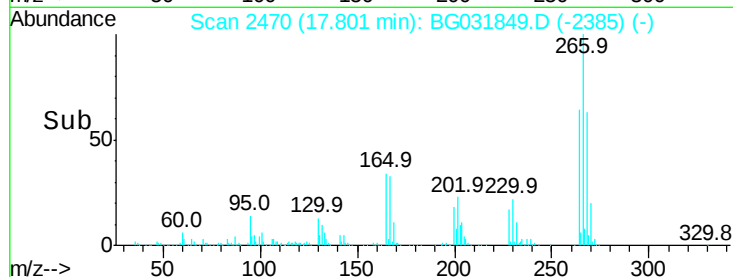
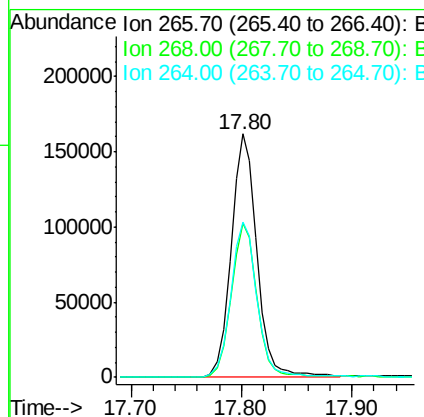
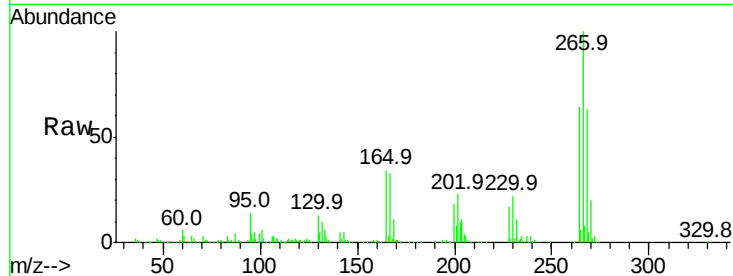




#69
 Pentachlorophenol
 Concen: 67.176 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.03 min
 Lab File: BG031849.D
 Acq: 29 Dec 2017 6:40

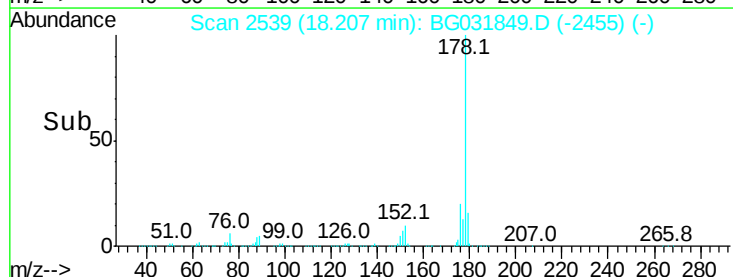
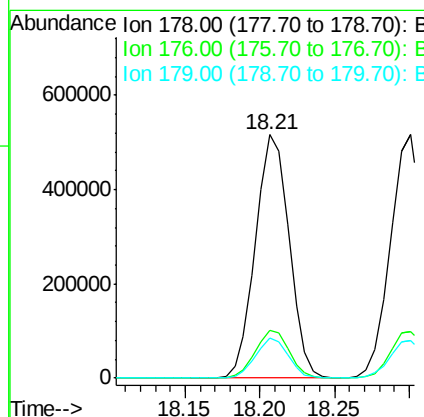
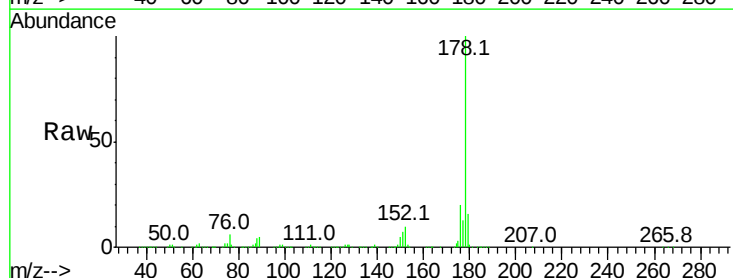
Instrument :
 BNA_G
 ClientSampleId :

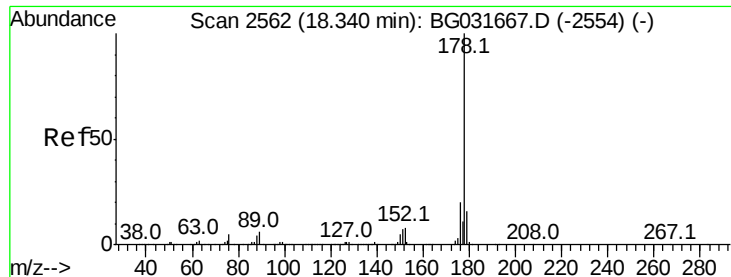
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	64.0	49.6	74.4



#70
 Phenanthrene
 Concen: 36.905 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.04 min
 Lab File: BG031849.D
 Acq: 29 Dec 2017 6:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	16.4	12.5	18.7

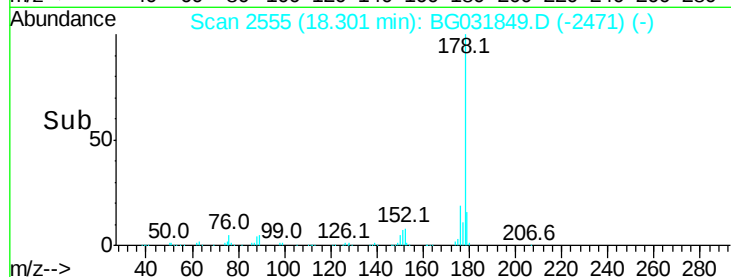
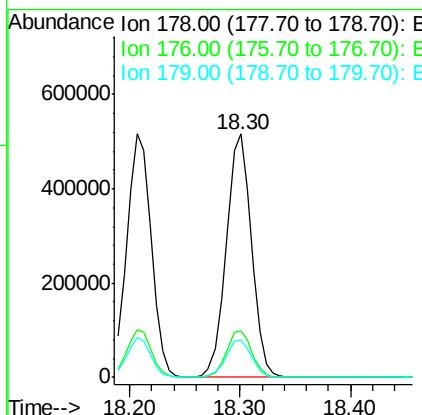
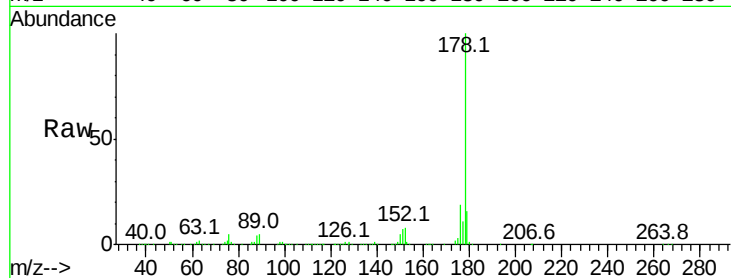




#71
 Anthracene
 Concen: 37.389 ng
 RT: 18.30 min Scan# 2555
 Delta R.T. -0.04 min
 Lab File: BG031849.D
 Acq: 29 Dec 2017 6:40

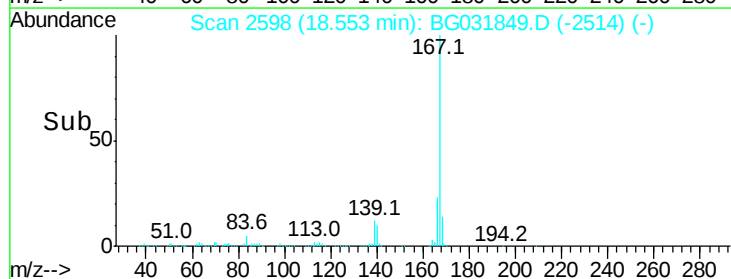
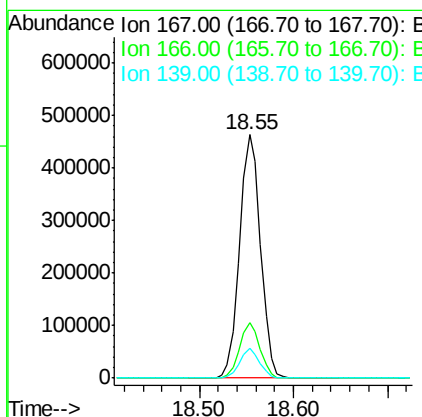
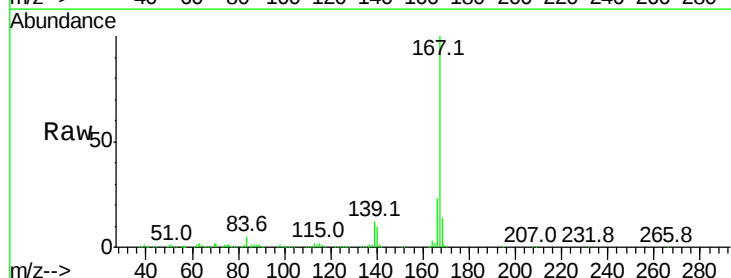
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	15.6	12.5	18.7



#72
 Carbazole
 Concen: 36.417 ng
 RT: 18.55 min Scan# 2598
 Delta R.T. -0.04 min
 Lab File: BG031849.D
 Acq: 29 Dec 2017 6:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.4
139	12.0	9.4	14.2

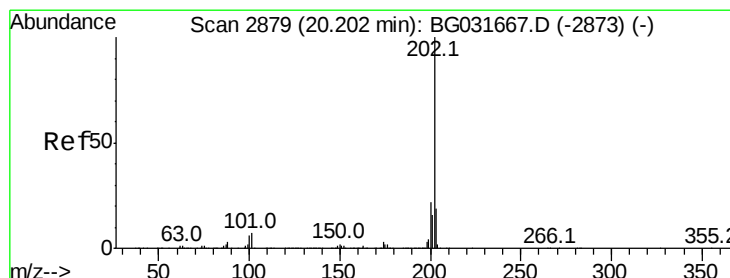
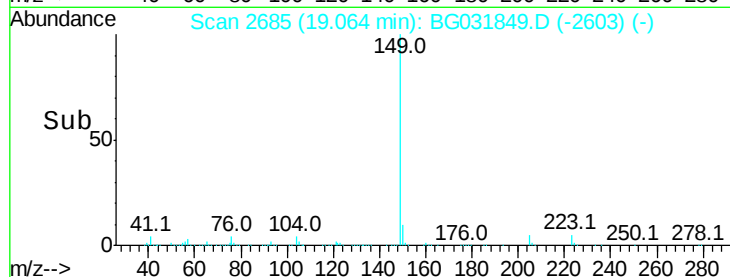
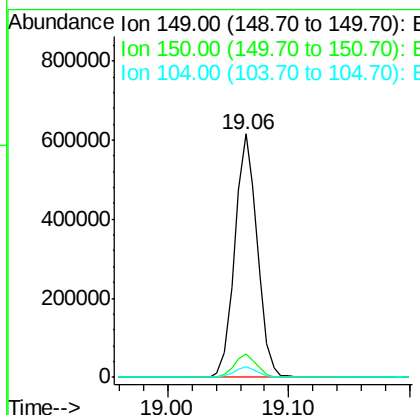
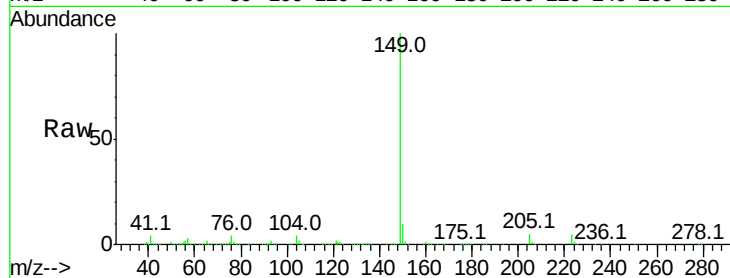




#73
Di-n-butylphthalate
Concen: 36.605 ng
RT: 19.06 min Scan# 2685
Delta R.T. -0.05 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

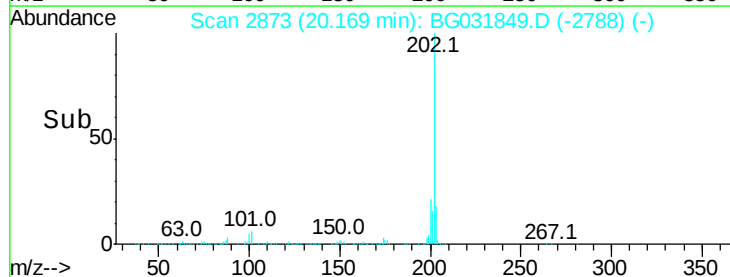
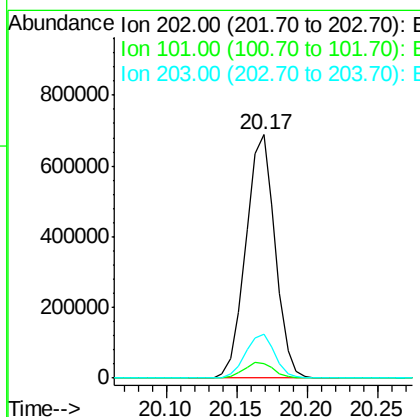
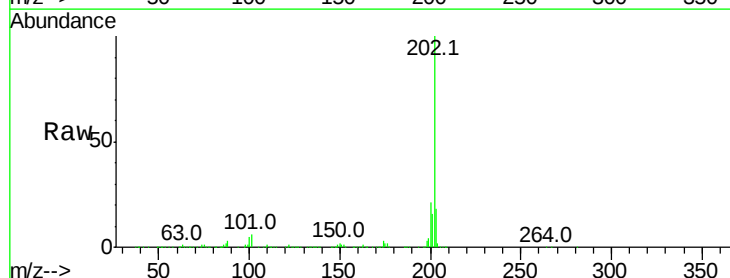
Instrument :
BNA_G
ClientSampleId :

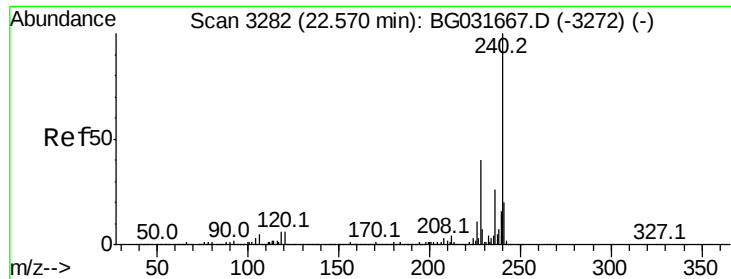
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	4.3	3.9	5.9



#74
Fluoranthene
Concen: 37.125 ng
RT: 20.17 min Scan# 2873
Delta R.T. -0.03 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.0	0.0	28.9
203	18.3	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.51 min Scan# 3272

Delta R.T. -0.06 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

Instrument :

BNA_G

ClientSampleId :

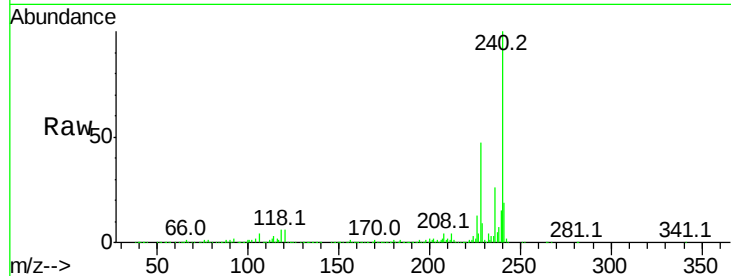
Tot Ion:240 Resp: 434330

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

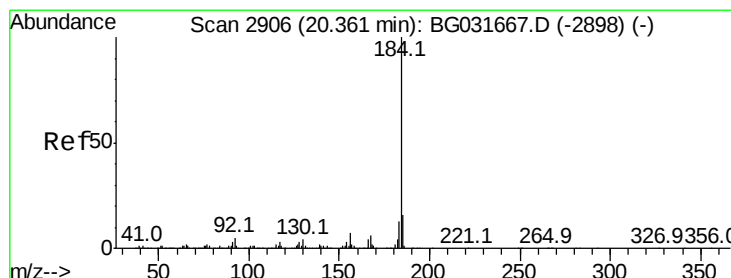
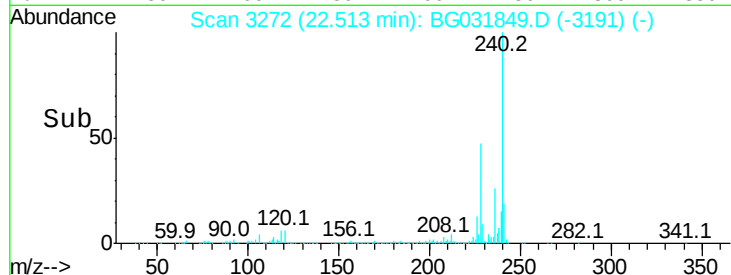
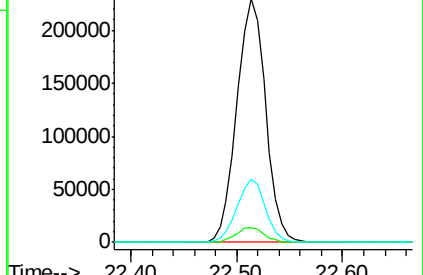
236 25.7 20.9 31.3



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: 7.066 ng

RT: 20.32 min Scan# 2899

Delta R.T. -0.04 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

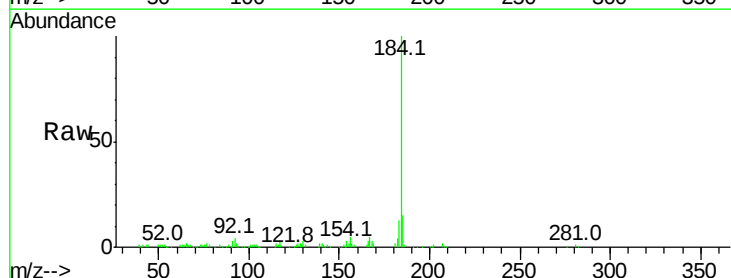
Tgt Ion:184 Resp: 94724

Ion Ratio Lower Upper

184 100

185 15.3 11.1 16.7

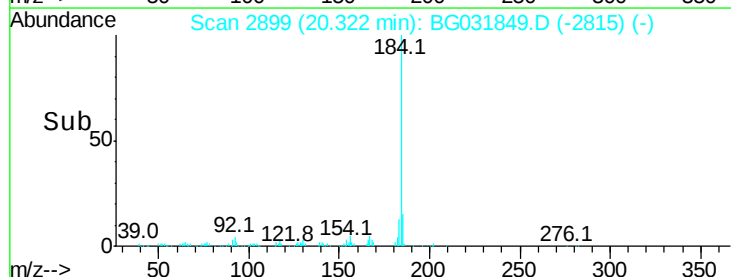
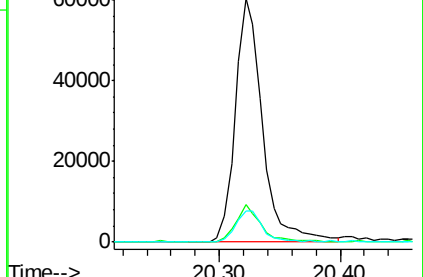
183 12.8 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.532 ng

RT: 20.52 min Scan# 2933

Delta R.T. -0.04 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

Instrument :

BNA_G

ClientSampleId :

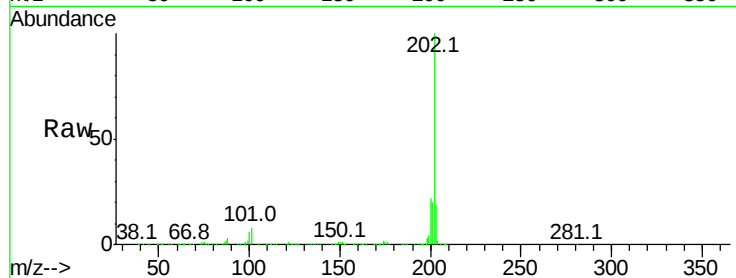
Tot Ion:202 Resp: 1013543

Ion Ratio Lower Upper

202 100

200 21.6 16.9 25.3

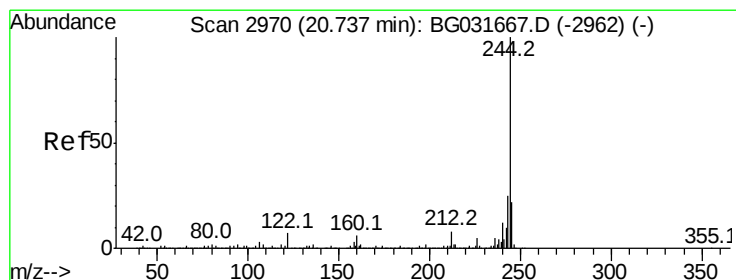
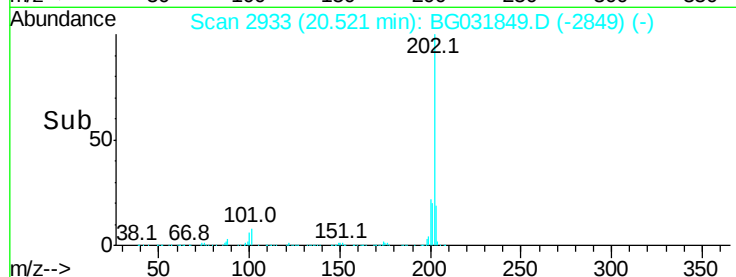
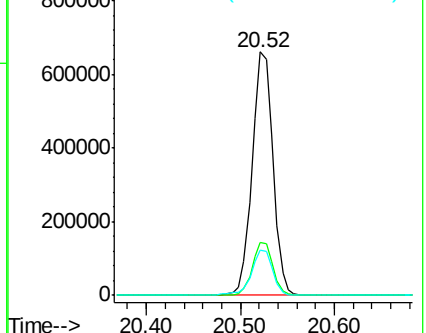
203 18.7 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 92.424 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

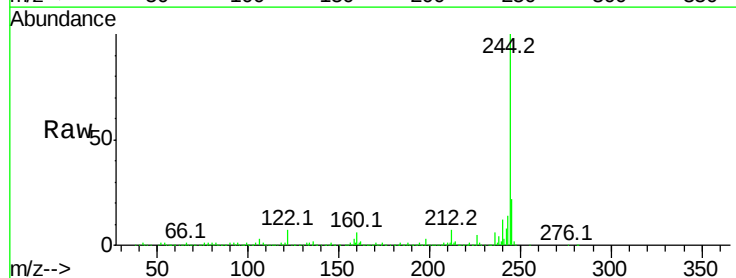
Tgt Ion:244 Resp: 1757054

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

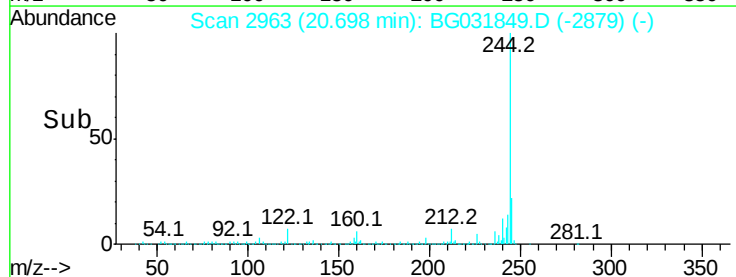
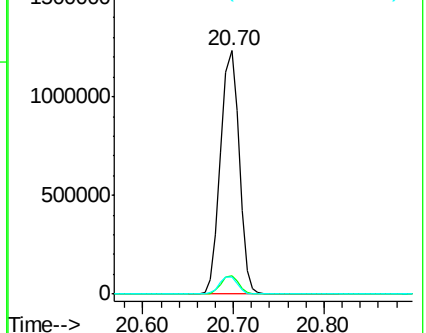
122 7.1 7.0 10.4

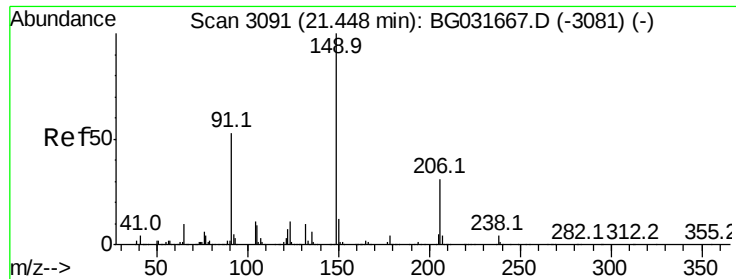


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

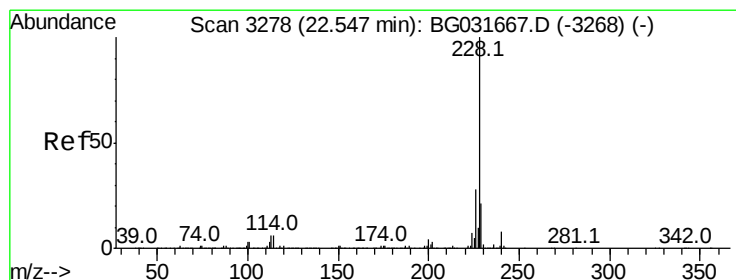
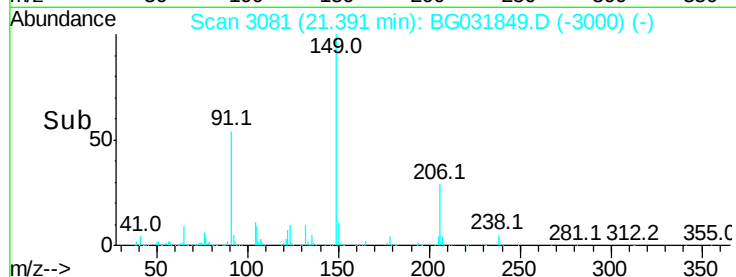
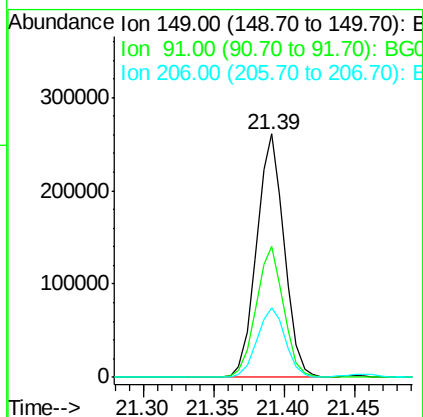
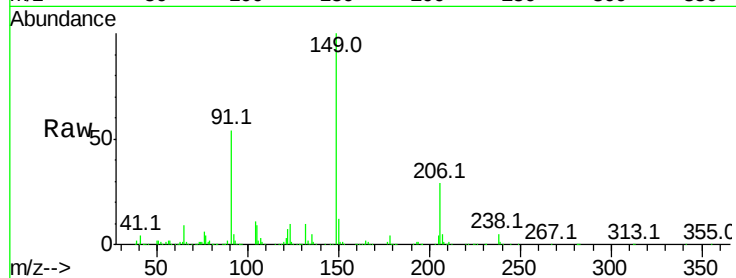




#79
Butylbenzylphthalate
Concen: 38.470 ng
RT: 21.39 min Scan# 3081
Delta R.T. -0.06 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

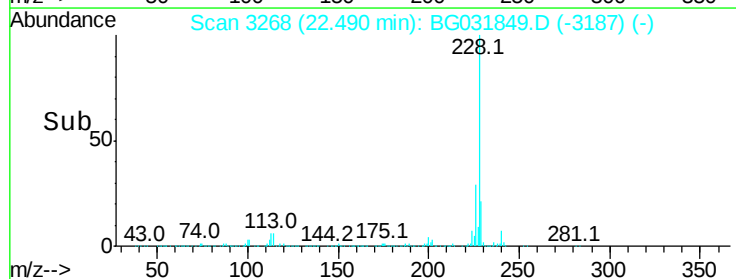
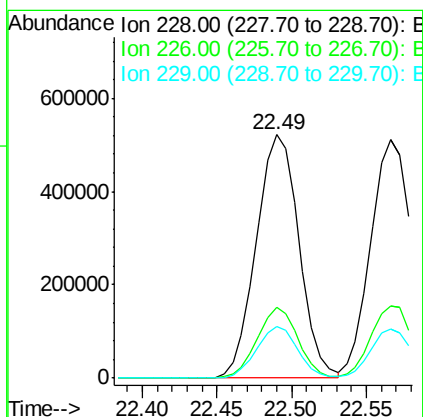
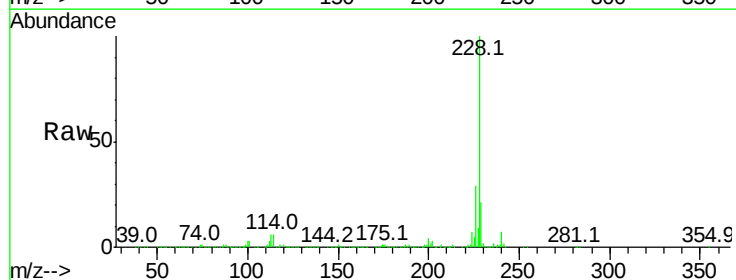
Instrument :
BNA_G
ClientSampleId :

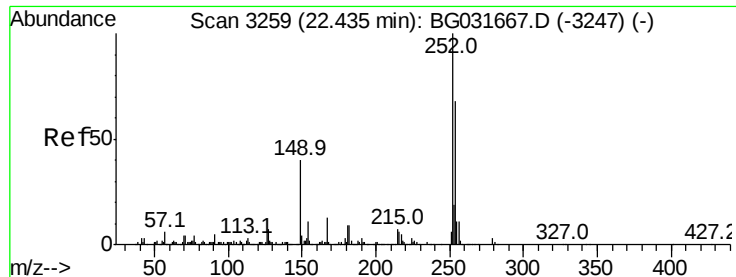
Tot Ion:149 Resp: 358292
Ion Ratio Lower Upper
149 100
91 53.5 62.2 93.2#
206 28.7 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 37.477 ng
RT: 22.49 min Scan# 3268
Delta R.T. -0.06 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

Tgt Ion:228 Resp: 1035437
Ion Ratio Lower Upper
228 100
226 29.0 22.7 34.1
229 21.2 16.2 24.2

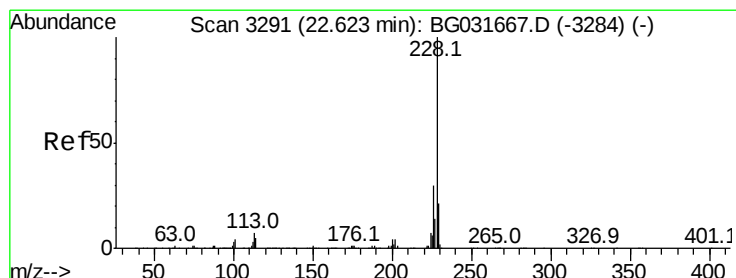
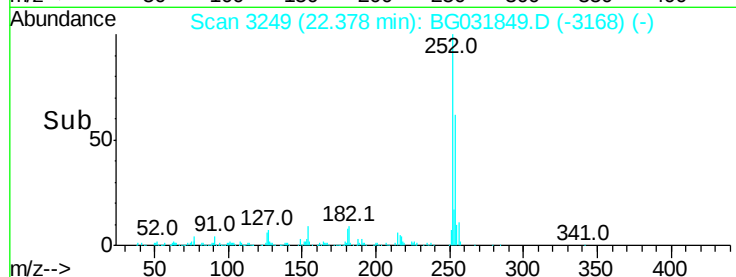
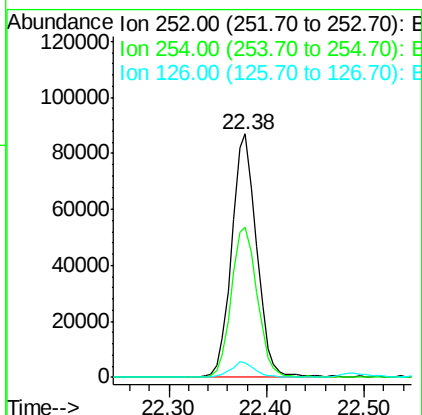
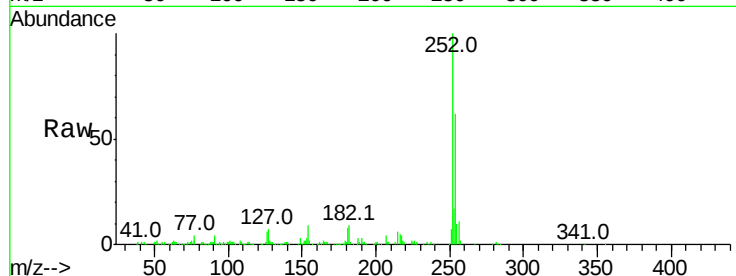




#81
 3,3'-Dichlorobenzidine
 Concen: 14.412 ng
 RT: 22.38 min Scan# 3249
 Delta R.T. -0.06 min
 Lab File: BG031849.D
 Acq: 29 Dec 2017 6:40

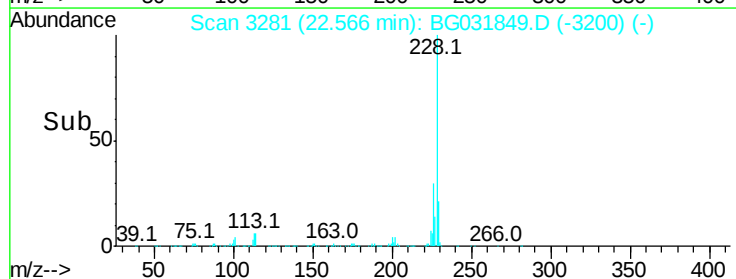
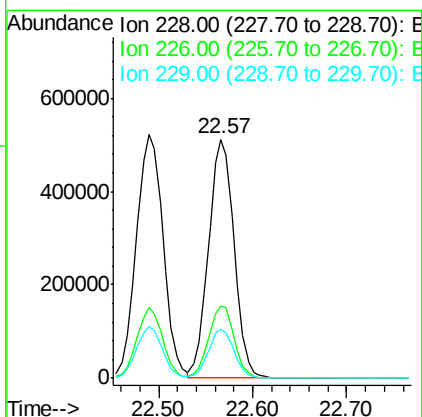
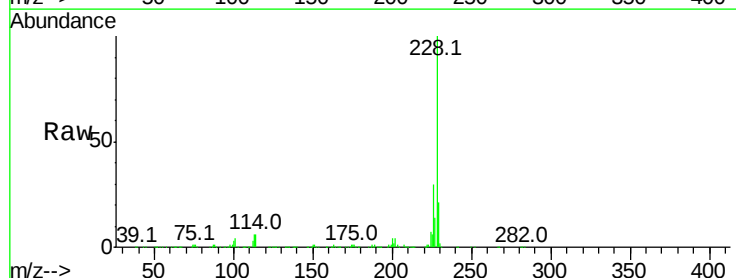
Instrument :
 BNA_G
 ClientSampled :

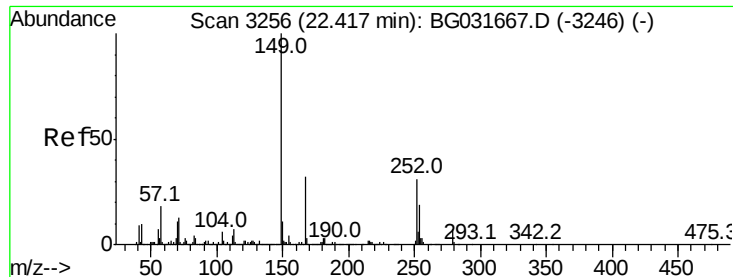
Tot Ion	Ratio	Lower	Upper
252	100		
254	61.5	50.8	76.2
126	5.8	7.4	11.2#



#82
 Chrysene
 Concen: 37.291 ng
 RT: 22.57 min Scan# 3281
 Delta R.T. -0.06 min
 Lab File: BG031849.D
 Acq: 29 Dec 2017 6:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	20.6	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.953 ng

RT: 22.34 min Scan# 3242

Delta R.T. -0.08 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

Instrument :

BNA_G

ClientSampleId :

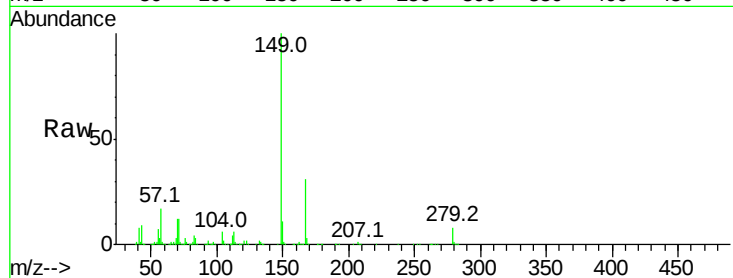
Tot Ion:149 Resp: 512100

Ion Ratio Lower Upper

149 100

167 30.6 24.3 36.5

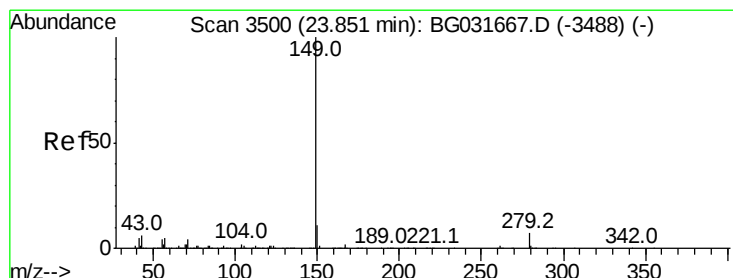
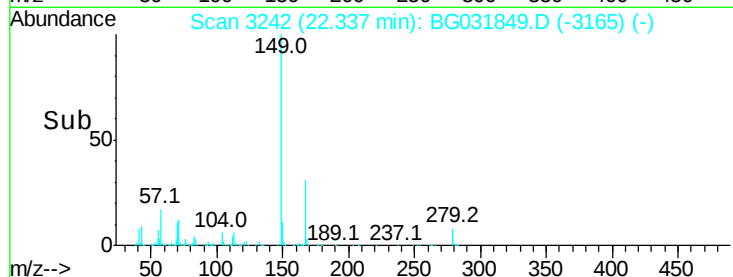
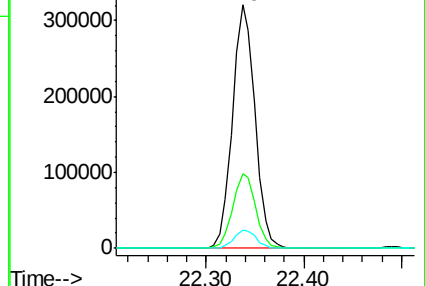
279 7.6 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.315 ng

RT: 23.74 min Scan# 3481

Delta R.T. -0.11 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

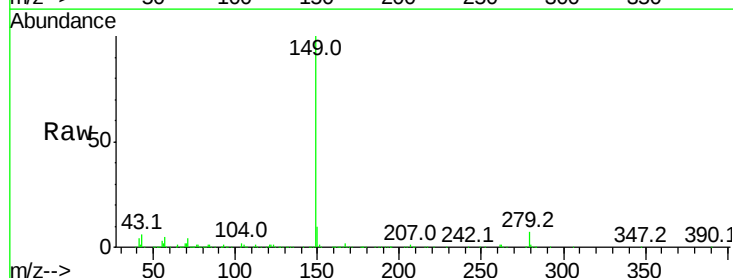
Tgt Ion:149 Resp: 893421

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

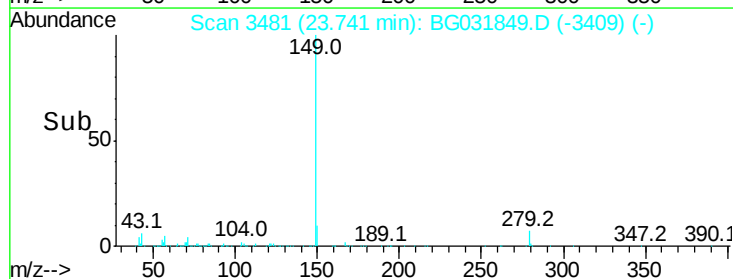
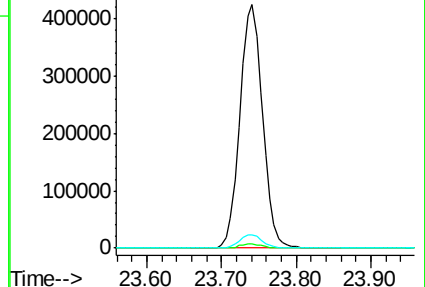
43 5.6 8.9 13.3#



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

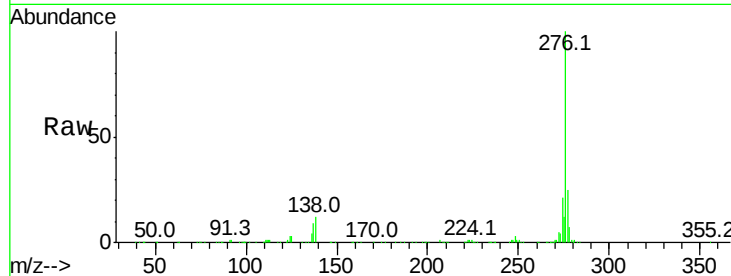




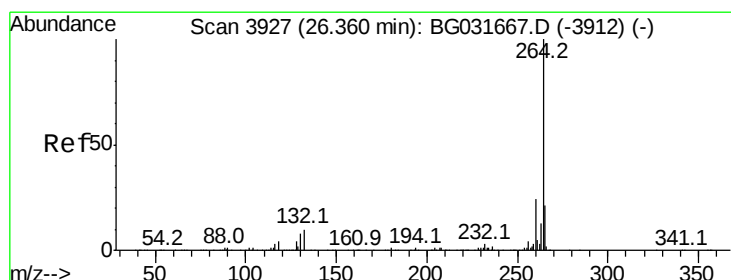
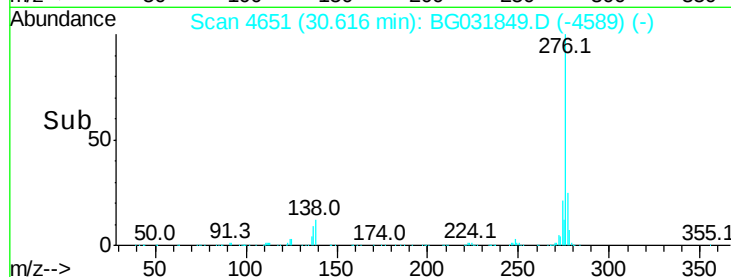
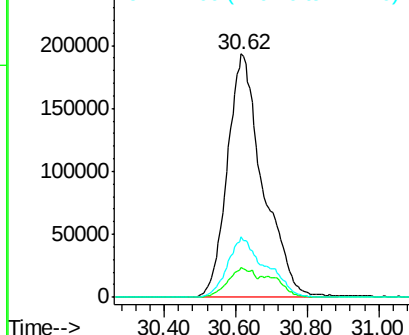
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.636 ng
 RT: 30.62 min Scan# 4651
 Delta R.T. -0.17 min
 Lab File: BG031849.D
 Acq: 29 Dec 2017 6:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1329229
 Ion Ratio Lower Upper
 276 100
 138 9.1 16.0 24.0#
 277 26.5 20.0 30.0

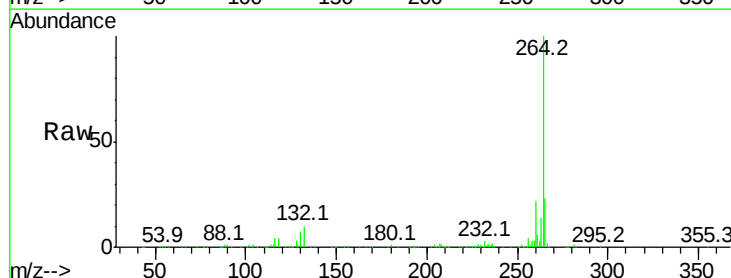


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

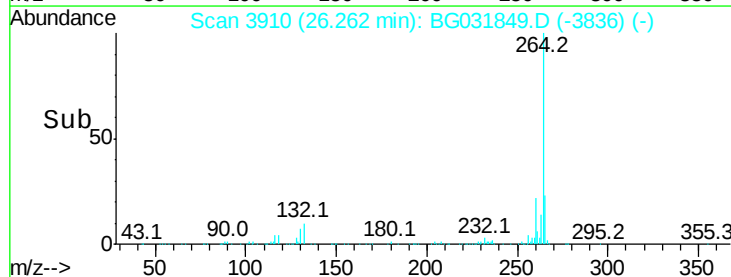
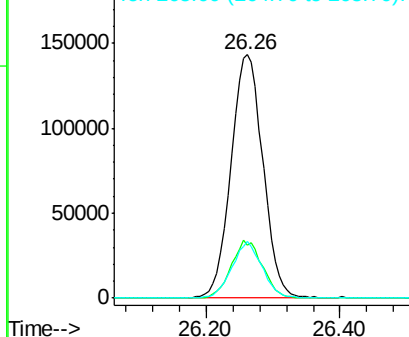


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.26 min Scan# 3910
 Delta R.T. -0.10 min
 Lab File: BG031849.D
 Acq: 29 Dec 2017 6:40

Tgt Ion:264 Resp: 477083
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.4 26.0
 265 23.2 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

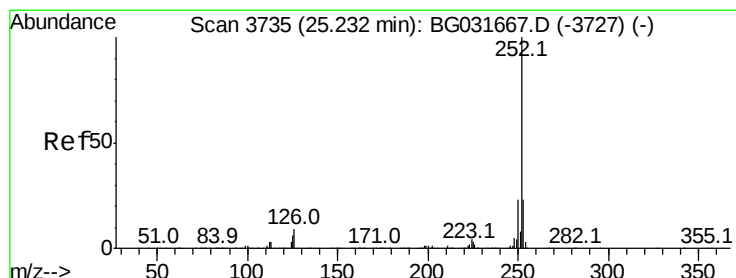
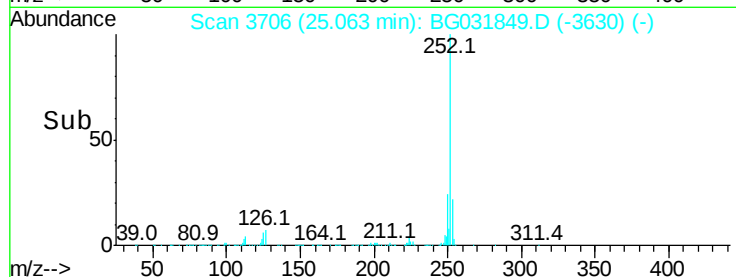
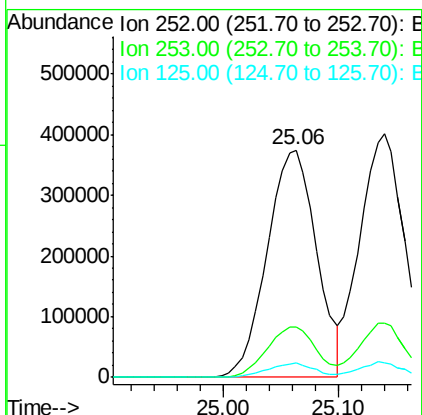
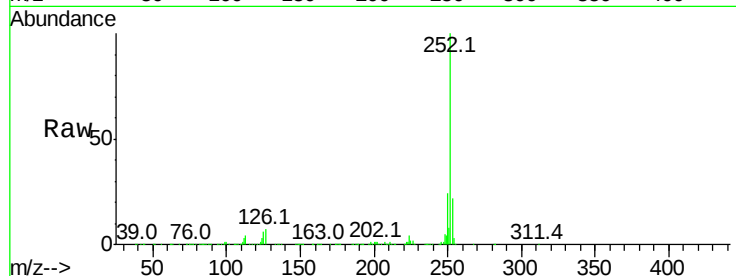




#87
Benzo(b)fluoranthene
Concen: 37.690 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.09 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

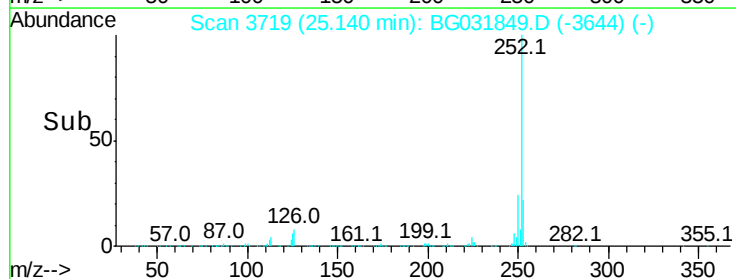
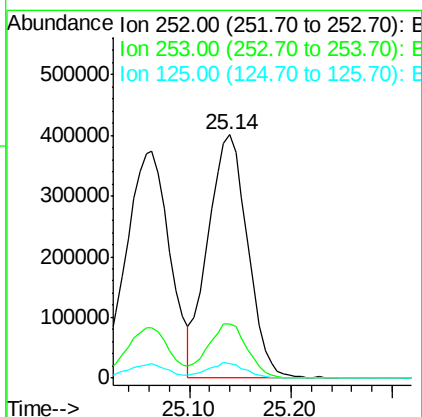
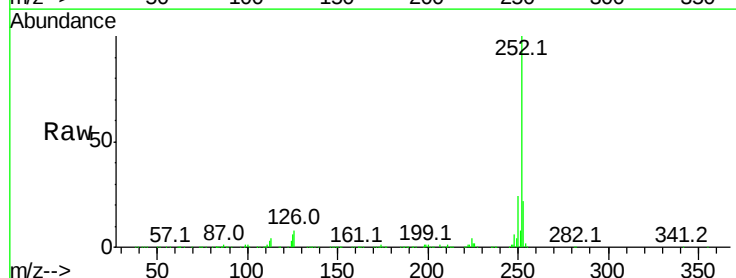
Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1116161
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 6.3 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 36.463 ng
RT: 25.14 min Scan# 3719
Delta R.T. -0.09 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

Tgt Ion:252 Resp: 1080662
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 5.8 6.6 9.8#

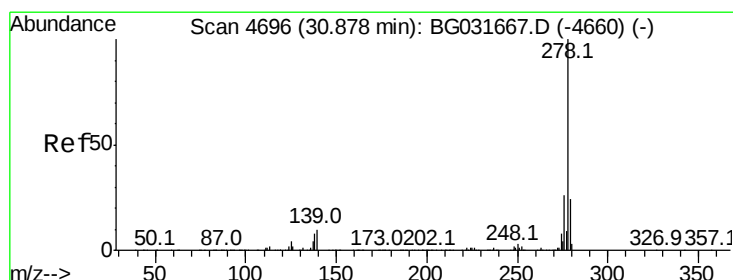
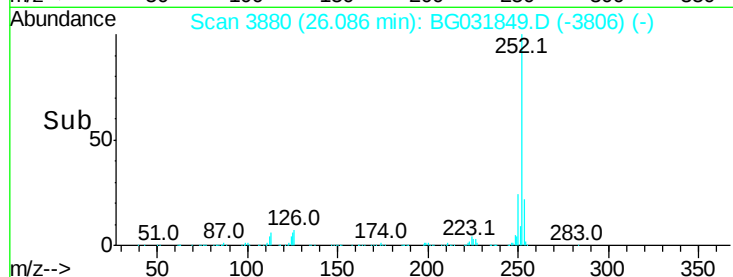
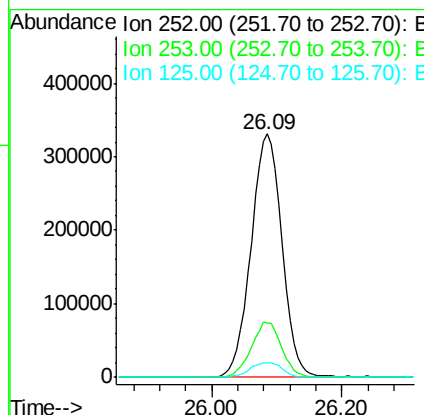
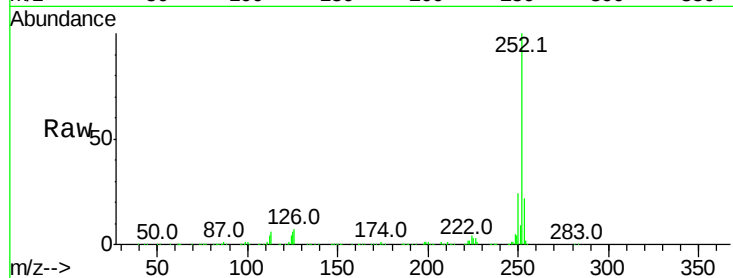




#89
Benzo(a)pyrene
Concen: 38.332 ng
RT: 26.09 min Scan# 3880
Delta R.T. -0.10 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

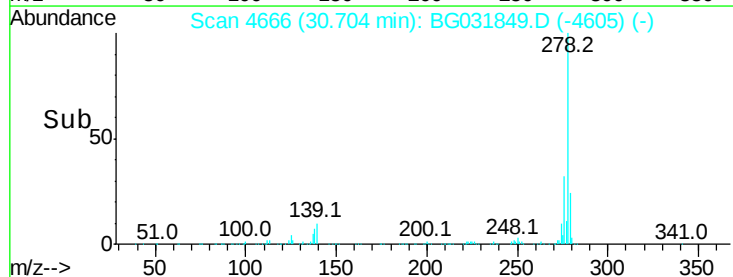
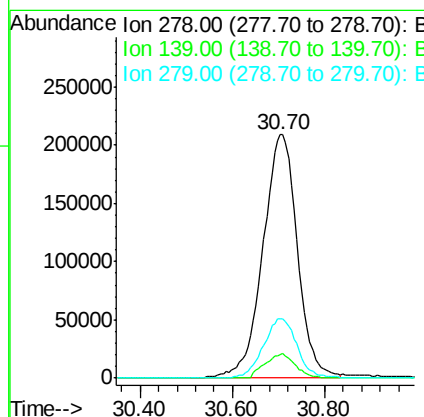
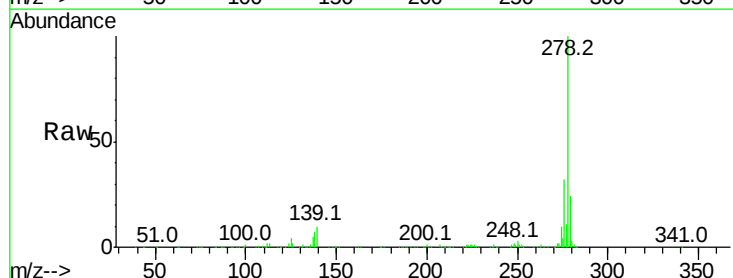
Instrument :
BNA_G
ClientSampleId :

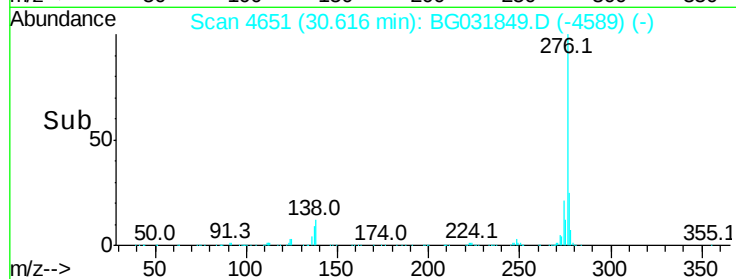
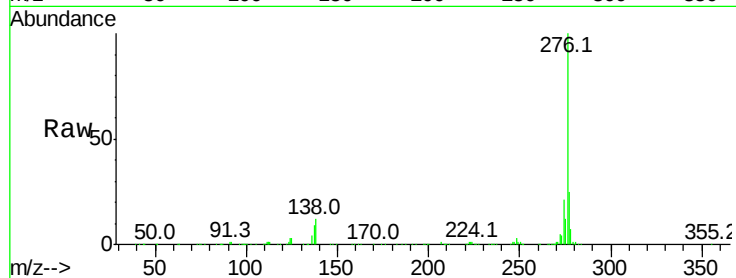
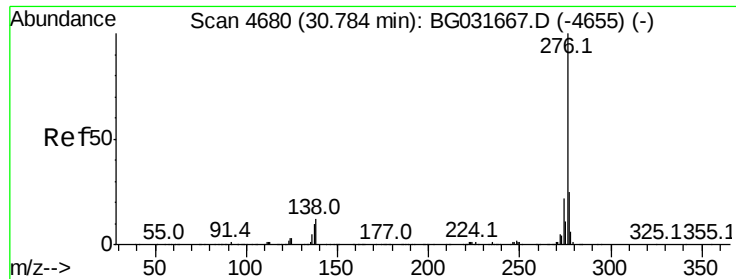
Tot Ion:252 Resp: 1087201
Ion Ratio Lower Upper
252 100
253 22.1 18.3 27.5
125 6.0 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 37.061 ng
RT: 30.70 min Scan# 4666
Delta R.T. -0.17 min
Lab File: BG031849.D
Acq: 29 Dec 2017 6:40

Tgt Ion:278 Resp: 1085594
Ion Ratio Lower Upper
278 100
139 9.5 9.8 14.6#
279 24.5 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 38.434 ng

RT: 30.62 min Scan# 4651

Delta R.T. -0.17 min

Lab File: BG031849.D

Acq: 29 Dec 2017 6:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1329229

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.3	27.5
138	12.3	13.9	20.9

276 100

277 25.1 18.3 27.5

138 12.3 13.9 20.9

