

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101417\
 Data File : BG029205.D
 Acq On : 14 Oct 2017 00:10
 Operator : SJ/JU
 Sample : I5772-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 14 05:46:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 05:39:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	95905	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	415860	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	253192	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	617507	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	619242	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	612551	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	14259	6.04	ng/uL	0.00
5) Phenol-d5	7.31	99	68464	7.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	174223	30.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	162681	25.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	123500	16.61	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	99040	33.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	105939	34.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	196036	28.12	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	22069	2.73	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	726334	33.55	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	857450	32.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	29052	7.27	ng/ul	0.00
57) Fluorene-d10	15.77	176	602949	34.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	83912	27.84	ng/ul	0.00
70) Anthracene-d10	17.62	188	980536	33.57	ng/ul	0.00
76) Pyrene-d10	19.90	212	1076714	33.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	971735	33.49	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.59	88	601	0.209	ng/uL# 33
4) Benzaldehyde	7.32	77	222	0.039	ng/ul# 39
8) Bis(2-Chloroethyl)ether	7.58	93	1331	0.184	ng/ul# 78
10) 2-Chlorophenol	7.86	128	55	0.008	ng/ul# 29
12) 2,2'-oxybis(1-Chloropropan	8.86	45	943	0.089	ng/ul# 72
14) Acetophenone	8.99	105	63	0.006	ng/ul# 1
15) N-Nitroso-di-n-propylamine	8.86	70	3423	0.544	ng/ul# 1
17) Hexachloroethane	9.24	117	58	0.022	ng/ul# 3
20) Nitrobenzene	9.32	77	898	0.110	ng/ul# 46
21) Isophorone	9.79	82	57	0.003	ng/ul# 67
23) 2-Nitrophenol	10.09	139	64	0.019	ng/ul# 1
24) 2,4-Dimethylphenol	10.21	107	56	0.007	ng/ul# 18
25) Bis(2-Chloroethoxy)methane	10.26	93	117	0.011	ng/ul# 51
27) 2,4-Dichlorophenol	10.60	162	202	0.030	ng/ul# 1
28) Naphthalene	11.04	128	767	0.035	ng/ul# 68
30) 4-Chloroaniline	11.03	127	72	0.009	ng/ul# 45
32) Caprolactam	11.88	113	210	0.074	ng/ul# 62
33) 4-Chloro-3-methylphenol	12.08	107	61	0.008	ng/ul# 21
34) 2-Methylnaphthalene	12.58	142	61	0.003	ng/ul# 3
40) 1,1'-Biphenyl	13.62	154	900	0.043	ng/ul# 82
41) 2-Chloronaphthalene	13.65	162	65	0.004	ng/ul# 40
42) 2-Nitroaniline	13.92	65	67	0.014	ng/ul# 10
44) Dimethylphthalate	14.19	163	911	0.043	ng/ul# 1

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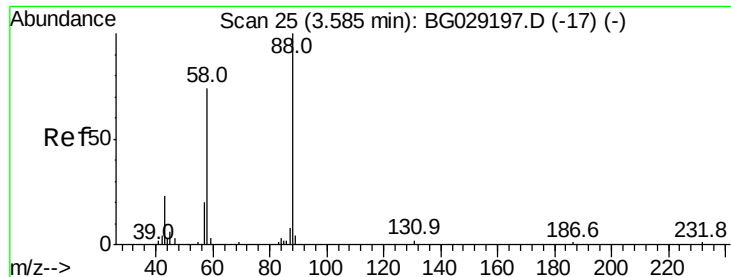
Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 14 05:46:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
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 Response via : Initial Calibration

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

45) 2,6-Dinitrotoluene	14.32	165	65369	17.701	ng/ul#	34
47) Acenaphthylene	14.52	152	873	0.033	ng/ul#	60
48) 3-Nitroaniline	14.67	138	65	0.016	ng/ul#	1
49) Acenaphthene	14.85	153	33027	1.798	ng/ul	95
52) 4-Nitrophenol	15.02	109	155	0.051	ng/ul#	1
53) Dibenzofuran	15.19	168	2896	0.115	ng/ul	92
54) 2,4-Dinitrotoluene	15.10	165	176	0.033	ng/ul#	49
56) Diethylphthalate	15.58	149	656	0.030	ng/ul#	59
58) Fluorene	15.83	166	27225	1.359	ng/ul	100
60) 4-Nitroaniline	15.83	138	408	0.083	ng/ul#	42
63) 4,6-Dinitro-2-methylphenol	15.88	198	203	0.064	ng/ul#	1
64) N-Nitrosodiphenylamine	16.04	169	53	0.003	ng/ul#	7
67) Atrazine	16.91	200	86	0.012	ng/ul#	12
68) Pentachlorophenol	17.07	266	65	0.017	ng/ul#	16
69) Phenanthrene	17.65	178	1621	0.049	ng/ul	99
71) Anthracene	17.65	178	1621	0.047	ng/ul	98
72) Carbazole	17.92	167	10262	0.331	ng/ul#	91
73) Di-n-butylphthalate	18.46	149	481	0.013	ng/ul#	77
74) Fluoranthene	19.56	202	8849	0.237	ng/ul#	96
77) Pyrene	19.92	202	8393	0.202	ng/ul#	72
78) Butylbenzylphthalate	20.79	149	214	0.013	ng/ul#	76
79) 3,3'-Dichlorobenzidine	21.41	252	60	0.005	ng/ul#	26
80) Benzo(a)anthracene	21.78	228	2182	0.056	ng/ul#	82
81) Bis(2-ethylhexyl)phthalate	21.67	149	2447	0.100	ng/ul#	98
82) Chrysene	21.84	228	162	0.005	ng/ul#	50
84) Di-n-octyl phthalate	22.92	149	216	0.005	ng/ul	100
85) Benzo(b)fluoranthene	24.07	252	184	0.005	ng/ul#	61
86) Benzo(k)fluoranthene	24.07	252	184	0.005	ng/ul#	60
88) Benzo(a)pyrene	24.96	252	61	0.002	ng/ul#	61
89) Indeno(1,2,3-cd)pyrene	28.86	276	58	0.001	ng/ul#	1
90) Dibenzo(a,h)anthracene	28.86	278	63	0.002	ng/ul#	58

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



#2

1,4-Dioxane

Concen: 0.209 ng/uL

RT: 3.59 min Scan# 52

Delta R.T. 0.01 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

Instrument :

BNA_G

ClientSampled :

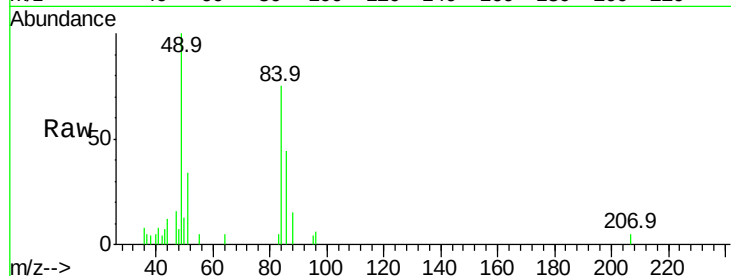
Tot Ion: 88 Resp: 601

Ion Ratio Lower Upper

88 100

43 46.6 35.0 52.6

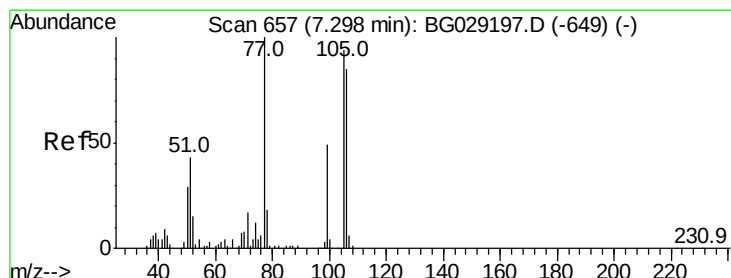
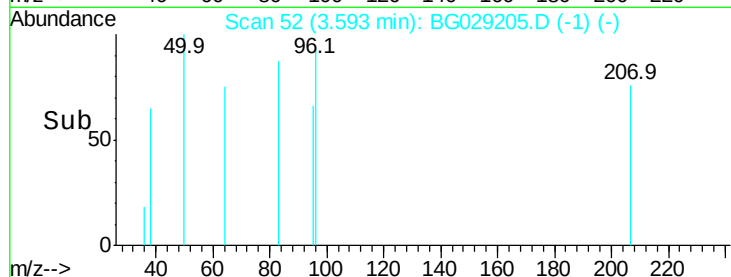
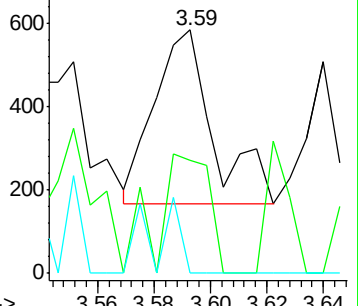
58 0.0 74.0 111.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Ion 58.00 (57.70 to 58.70): BGC



#4

Benzaldehyde

Concen: 0.039 ng/uL

RT: 7.32 min Scan# 686

Delta R.T. 0.02 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

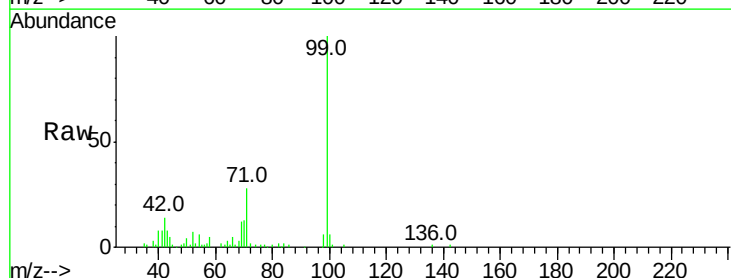
Tgt Ion: 77 Resp: 222

Ion Ratio Lower Upper

77 100

105 66.3 70.5 105.7#

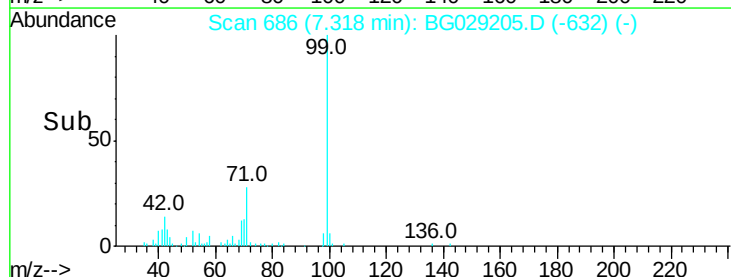
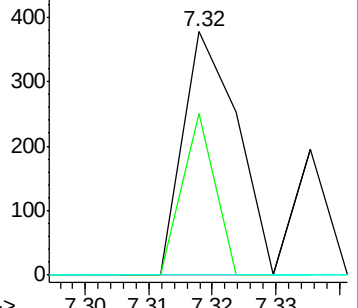
106 0.0 74.1 111.1#

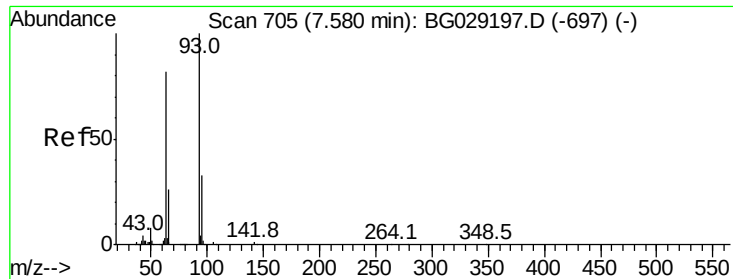


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#8

Bis(2-Chloroethyl)ether

Concen: 0.184 ng/ul

RT: 7.58 min Scan# 731

Delta R.T. 0.00 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

Instrument :

BNA_G

ClientSampleId :

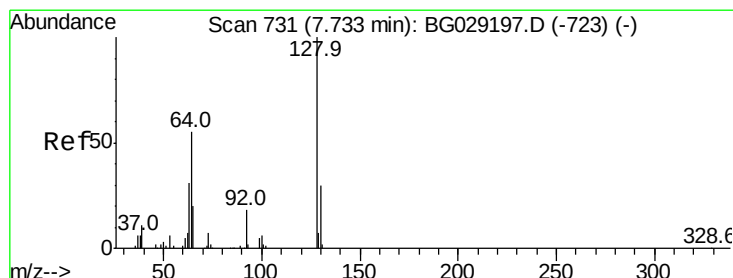
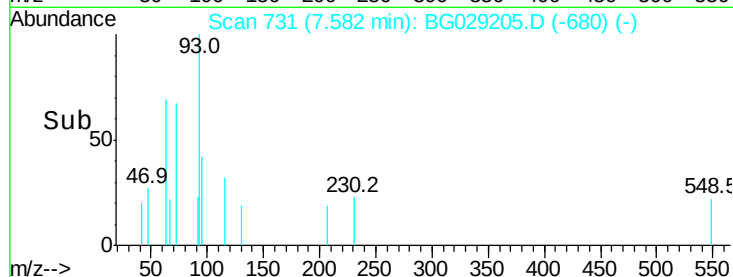
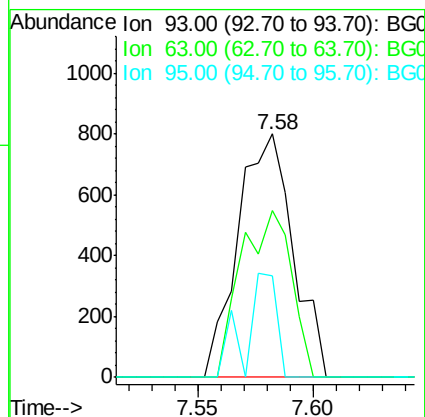
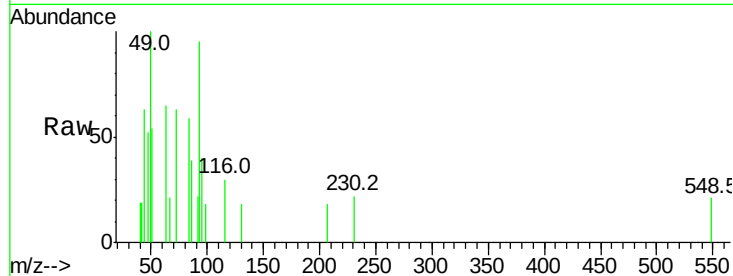
Tot Ion: 93 Resp: 1331

Ion Ratio Lower Upper

93 100

63 68.5 71.8 107.8#

95 41.9 25.2 37.8#



#10

2-Chlorophenol

Concen: 0.008 ng/ul

RT: 7.86 min Scan# 779

Delta R.T. 0.13 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

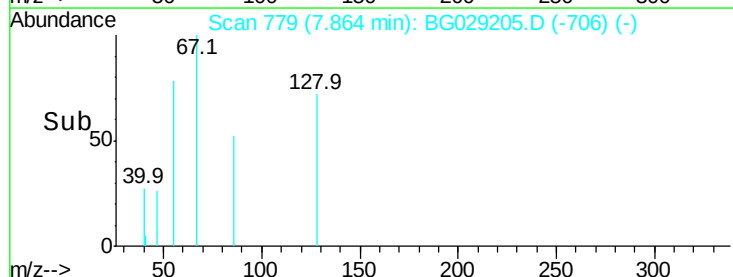
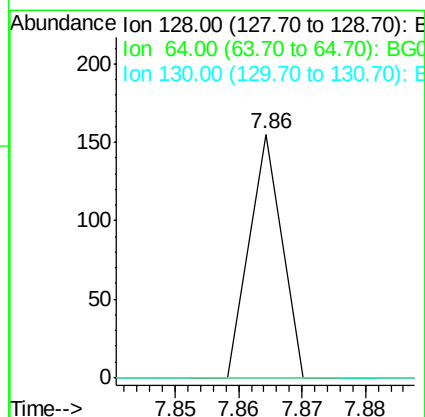
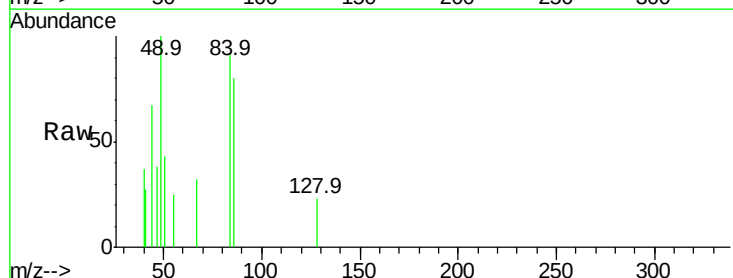
Tgt Ion: 128 Resp: 55

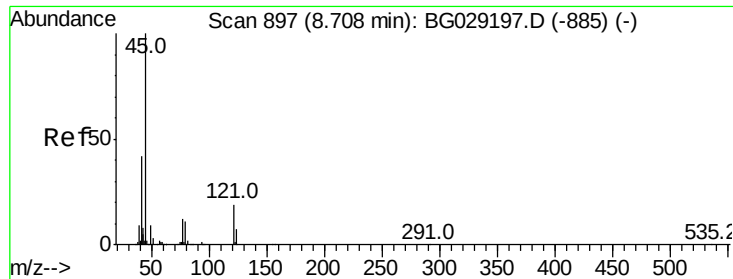
Ion Ratio Lower Upper

128 100

64 0.0 46.6 69.8#

130 0.0 25.8 38.8#

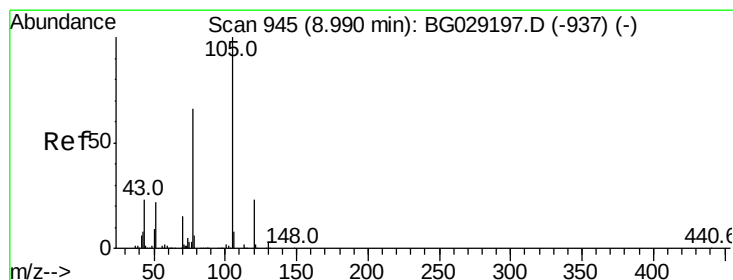
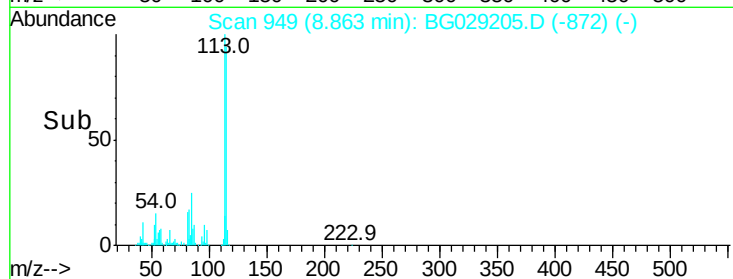
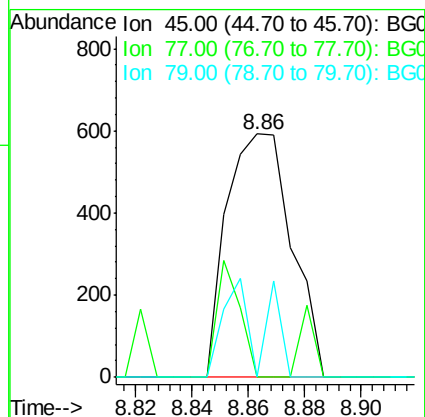
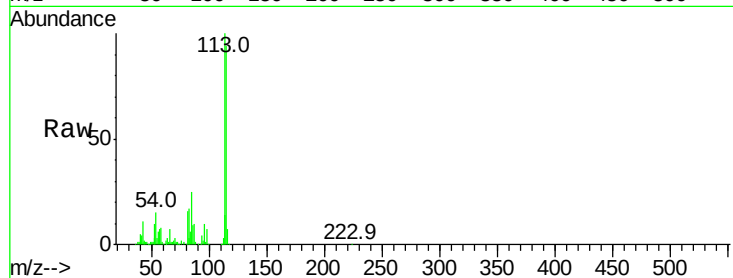




#12
2,2'-oxybis(1-Chloropropane)
Concen: 0.089 ng/ul
RT: 8.86 min Scan# 949
Delta R.T. 0.15 min
Lab File: BG029205.D
Acq: 14 Oct 2017 00:10

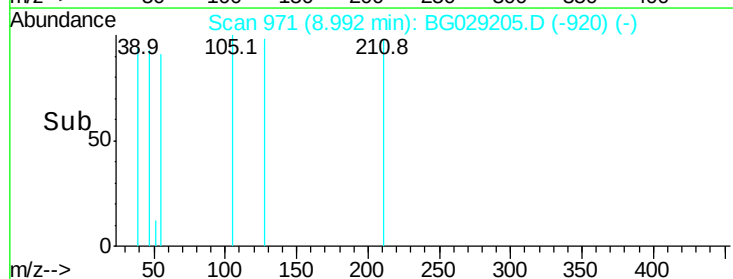
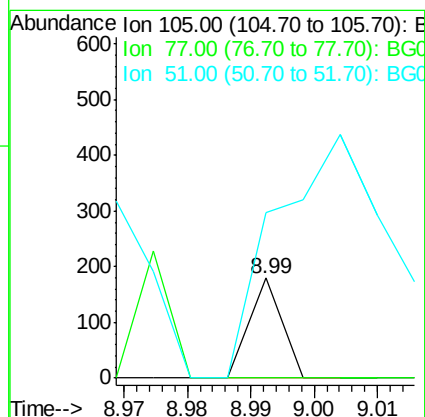
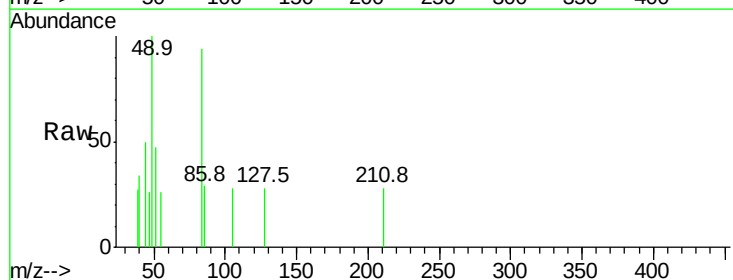
Instrument :
BNA_G
ClientSampleId :

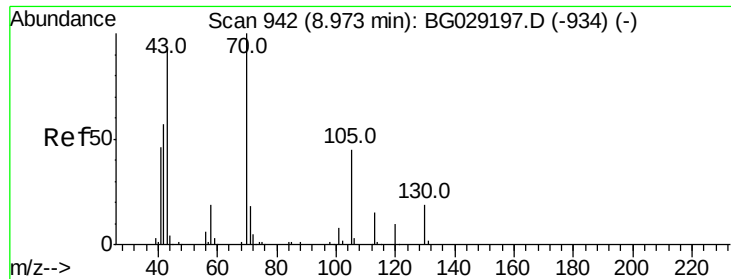
Tot Ion: 45 Resp: 943
Ion Ratio Lower Upper
45 100
77 0.0 9.5 14.3#
79 0.0 6.8 10.2#



#14
Acetophenone
Concen: 0.006 ng/ul
RT: 8.99 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG029205.D
Acq: 14 Oct 2017 00:10

Tgt Ion: 105 Resp: 63
Ion Ratio Lower Upper
105 100
77 0.0 70.2 105.2#
51 165.0 24.6 36.8#

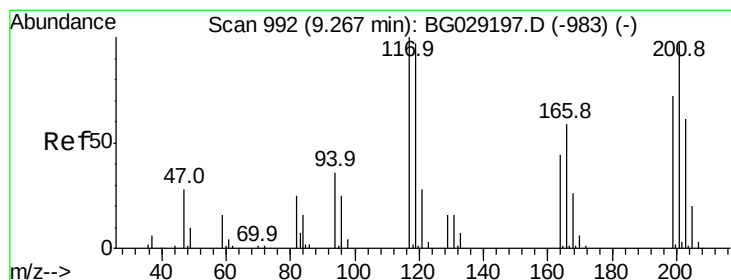
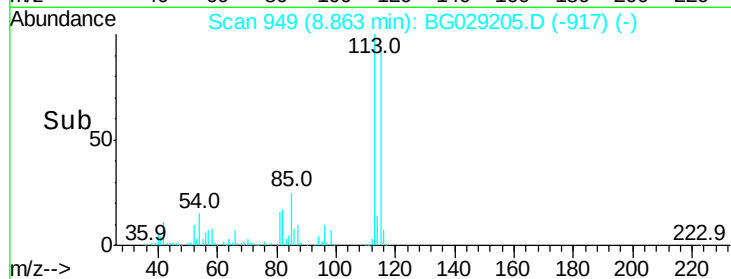
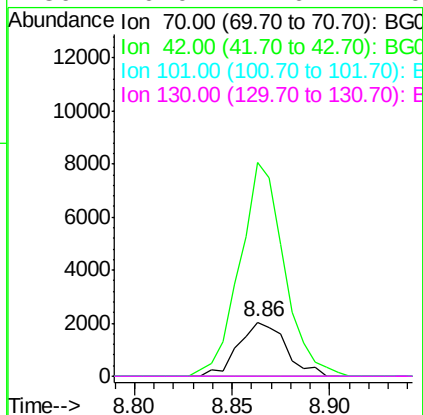
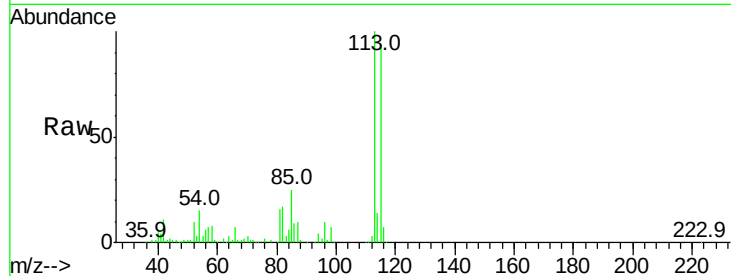




#15
N-Nitroso-di-n-propylamine
Concen: 0.544 ng/ul
RT: 8.86 min Scan# 949
Delta R.T. -0.11 min
Lab File: BG029205.D
Acq: 14 Oct 2017 00:10

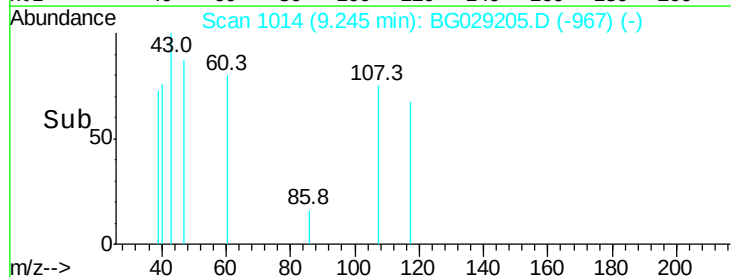
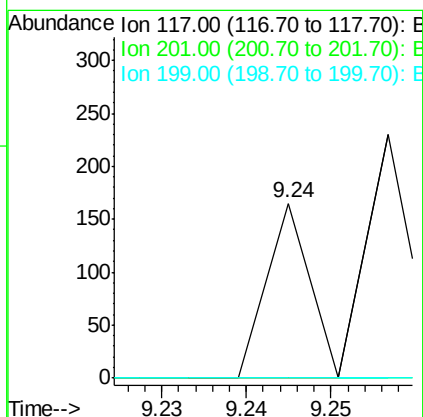
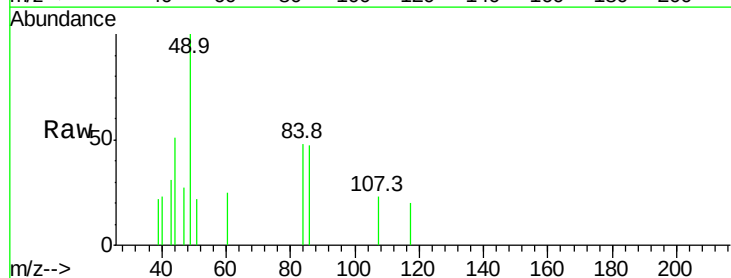
Instrument :
BNA_G
ClientSampleId :

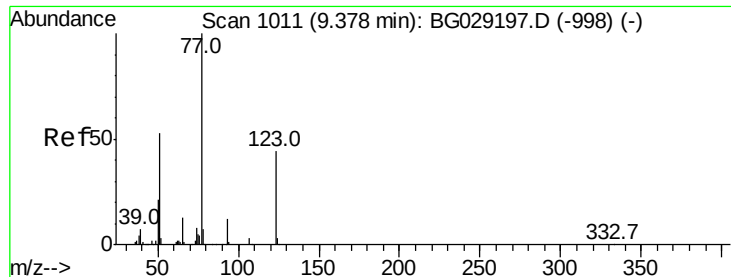
Tot Ion: 70 Resp: 3423
Ion Ratio Lower Upper
70 100
42 396.0 51.7 77.5#
101 0.0 7.6 11.4#
130 0.0 14.6 22.0#



#17
Hexachloroethane
Concen: 0.022 ng/ul
RT: 9.24 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BG029205.D
Acq: 14 Oct 2017 00:10

Tgt Ion: 117 Resp: 58
Ion Ratio Lower Upper
117 100
201 0.0 88.1 132.1#
199 0.0 55.8 83.6#

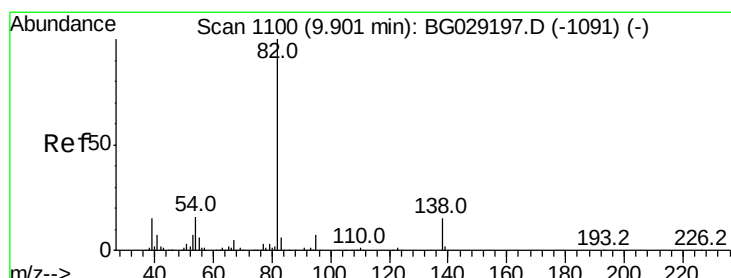
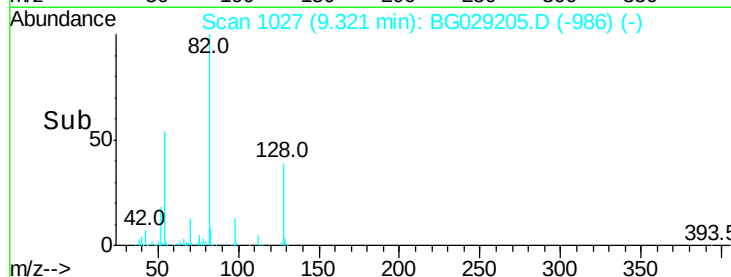
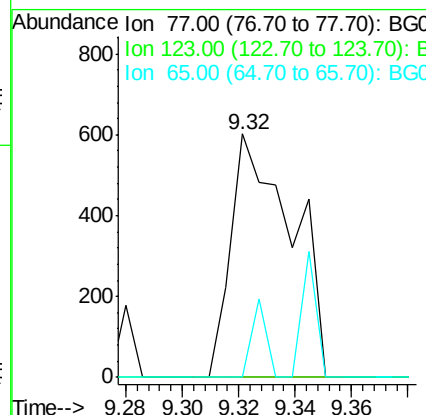
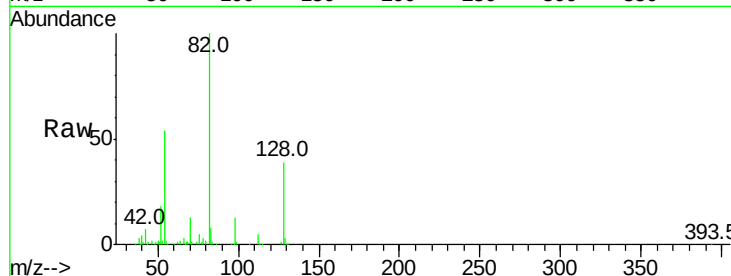




#20
Nitrobenzene
Concen: 0.110 ng/ul
RT: 9.32 min Scan# 1027
Delta R.T. -0.06 min
Lab File: BG029205.D
Acq: 14 Oct 2017 00:10

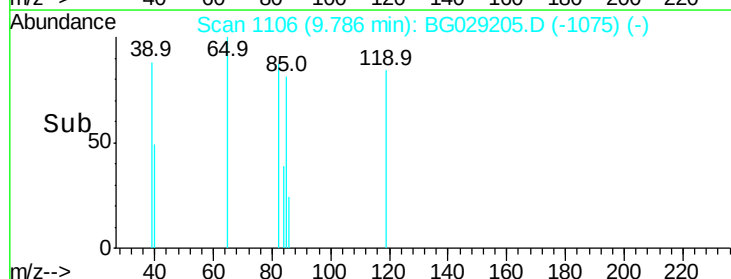
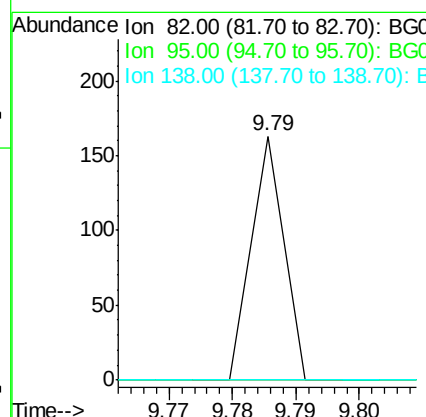
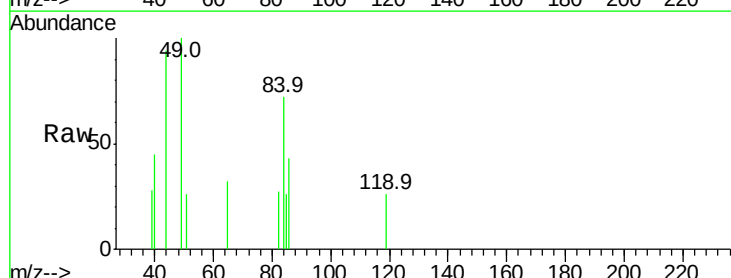
Instrument :
BNA_G
ClientSampleId :

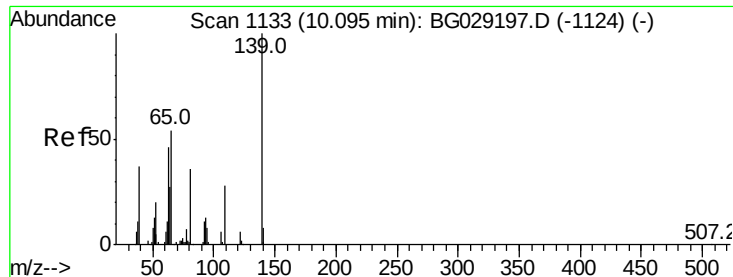
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	28.6	43.0#
65	0.0	11.2	16.8#



#21
Isophorone
Concen: 0.003 ng/ul
RT: 9.79 min Scan# 1106
Delta R.T. -0.12 min
Lab File: BG029205.D
Acq: 14 Oct 2017 00:10

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	13.3	19.9#





#23

2-Nitrophenol

Concen: 0.019 ng/ul

RT: 10.09 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG029205.D

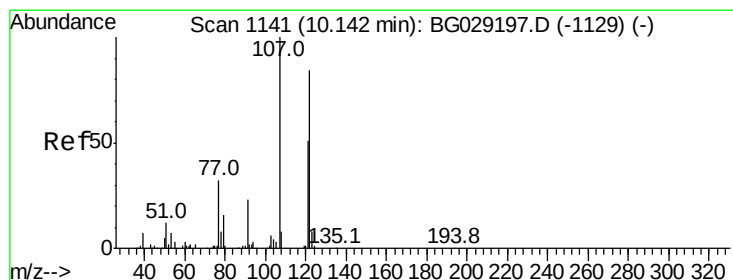
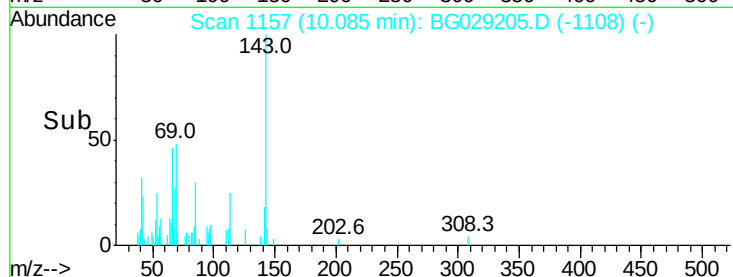
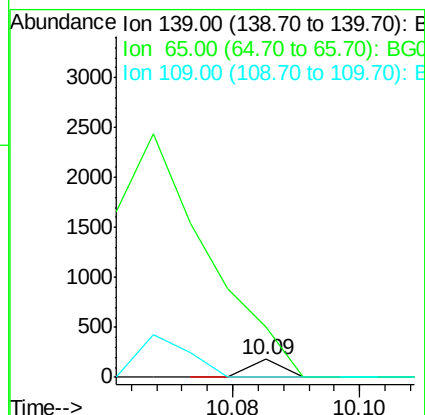
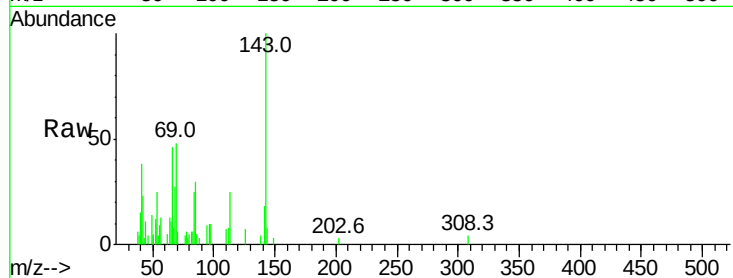
Acq: 14 Oct 2017 00:10

Instrument :

BNA_G

ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
65	278.0	55.0	82.6#
109	0.0	31.2	46.8#



#24

2,4-Dimethylphenol

Concen: 0.007 ng/ul

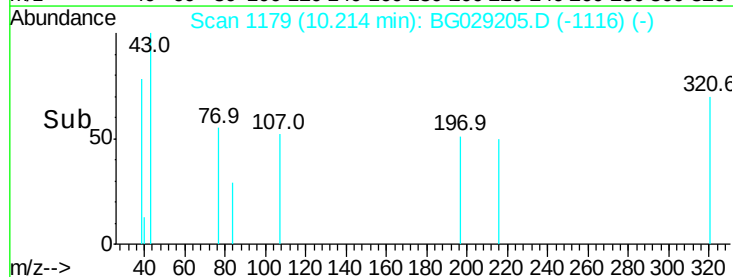
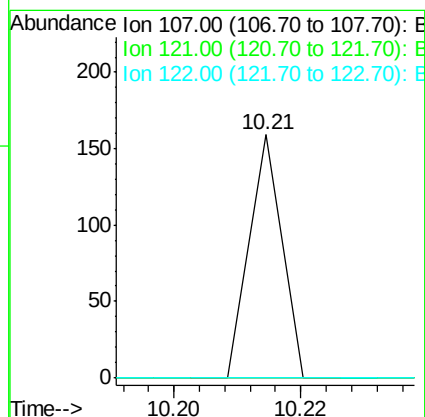
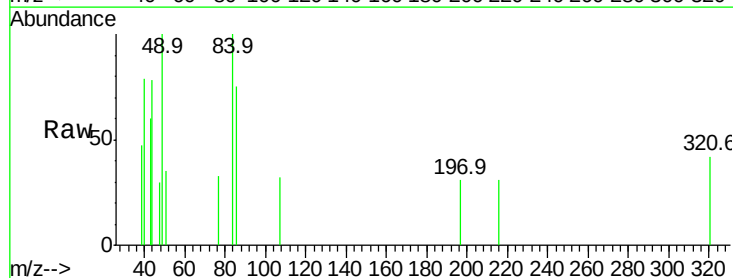
RT: 10.21 min Scan# 1179

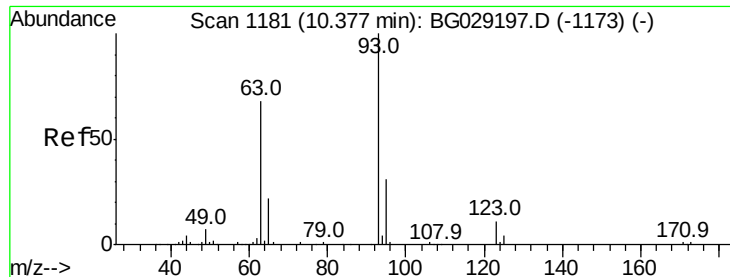
Delta R.T. 0.07 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

Tgt Ion	Ratio	Lower	Upper
107	100		
121	0.0	33.8	50.6#
122	0.0	62.8	94.2#





#25

Bis(2-Chloroethoxy)methane

Concen: 0.011 ng/ul

RT: 10.26 min Scan# 1186

Delta R.T. -0.12 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

Instrument :

BNA_G

ClientSampleId :

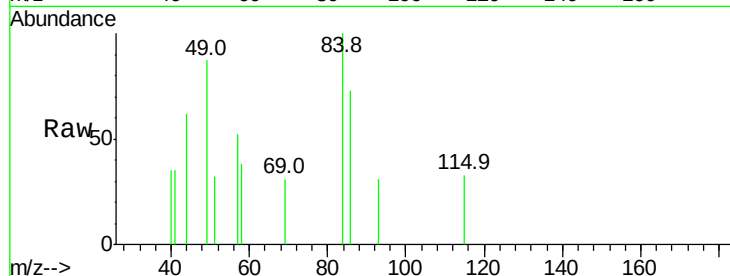
Tot Ion: 93 Resp: 117

Ion Ratio Lower Upper

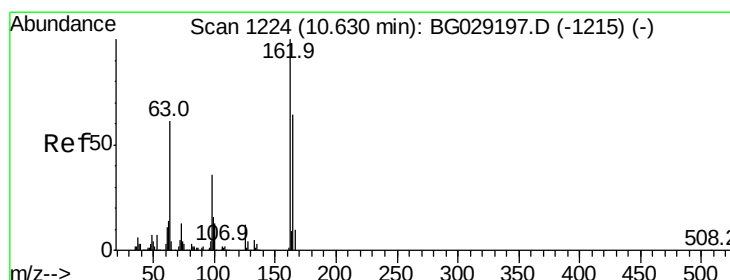
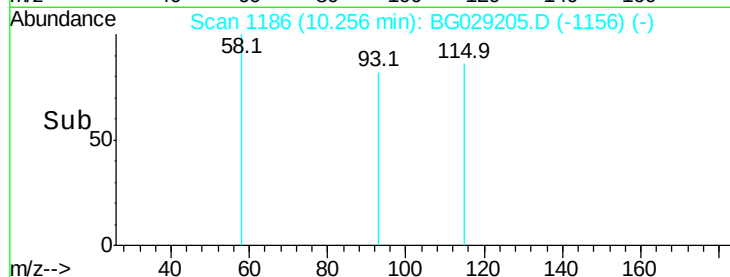
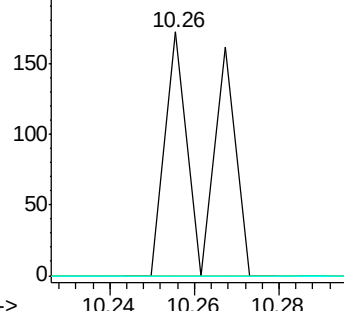
93 100

95 0.0 24.7 37.1#

123 0.0 7.5 11.3#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): BGC



#27

2,4-Dichlorophenol

Concen: 0.030 ng/ul

RT: 10.60 min Scan# 1244

Delta R.T. -0.03 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

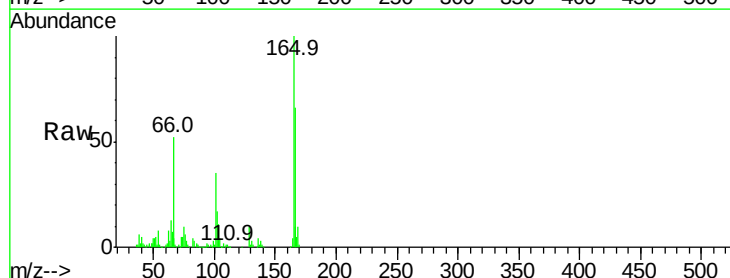
Tgt Ion: 162 Resp: 202

Ion Ratio Lower Upper

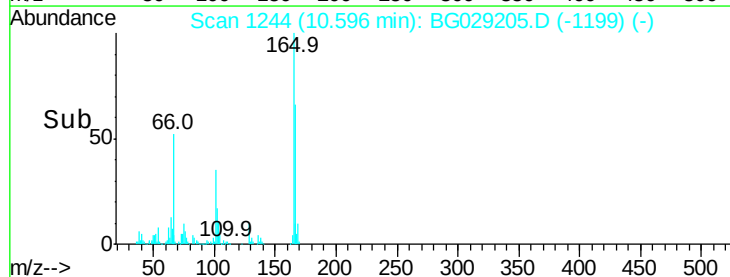
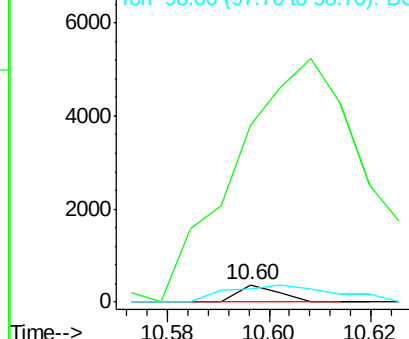
162 100

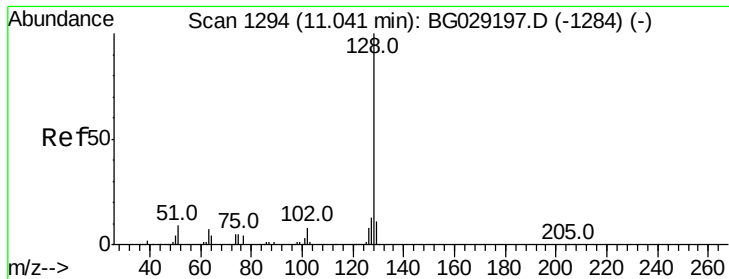
164 1016.5 49.7 74.5#

98 73.6 26.6 40.0#



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





#28

Naphthalene

Concen: 0.035 ng/ul

RT: 11.04 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

Instrument :

BNA_G

ClientSampleId :

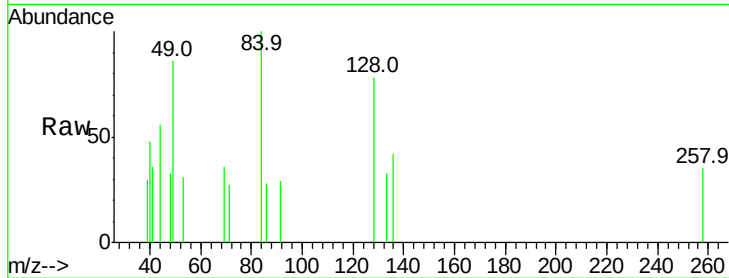
Tot Ion:128 Resp: 767

Ion Ratio Lower Upper

128 100

129 0.0 9.3 13.9#

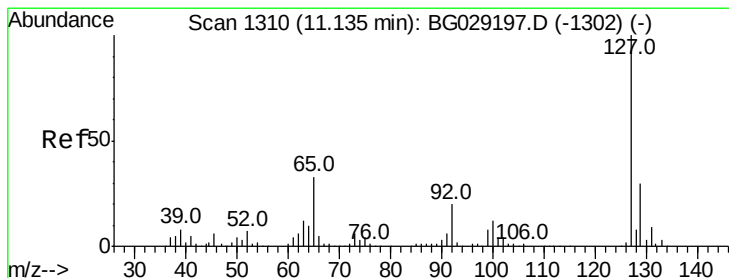
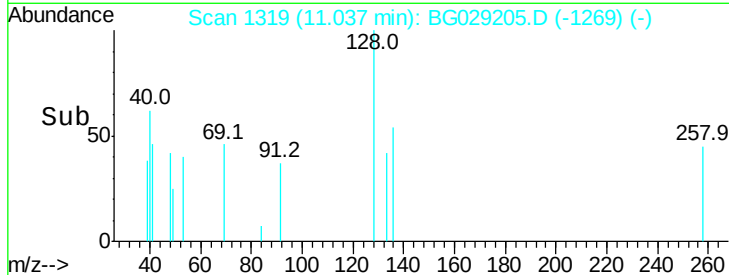
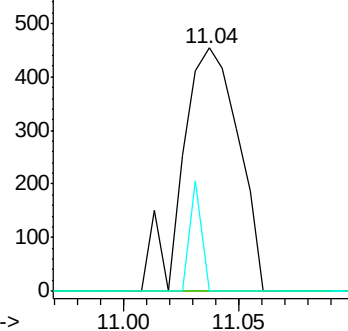
127 0.0 10.7 16.1#



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



#30

4-Chloroaniline

Concen: 0.009 ng/ul

RT: 11.03 min Scan# 1318

Delta R.T. -0.10 min

Lab File: BG029205.D

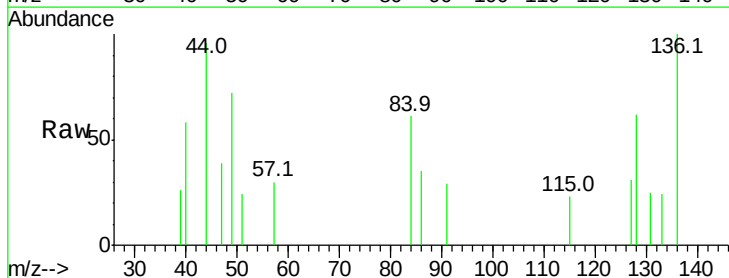
Acq: 14 Oct 2017 00:10

Tgt Ion:127 Resp: 72

Ion Ratio Lower Upper

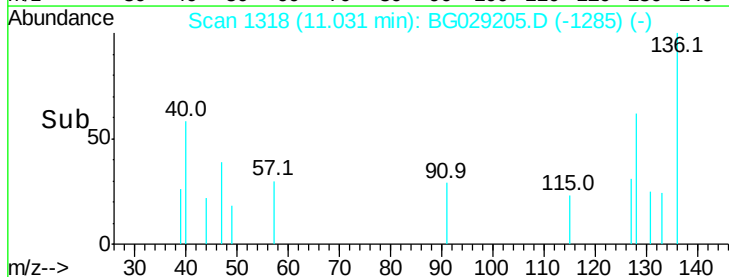
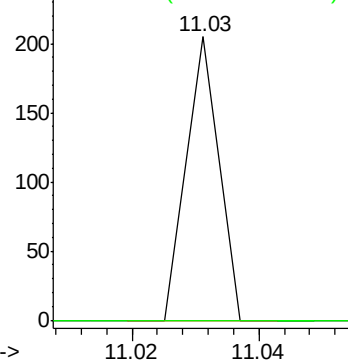
127 100

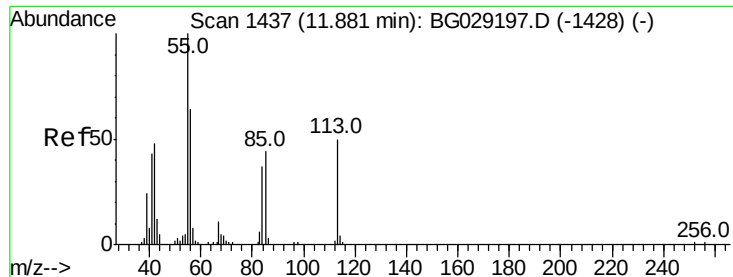
129 0.0 23.9 35.9#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#32

Caprolactam

Concen: 0.074 ng/ul

RT: 11.88 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

Instrument :

BNA_G

ClientSampleId :

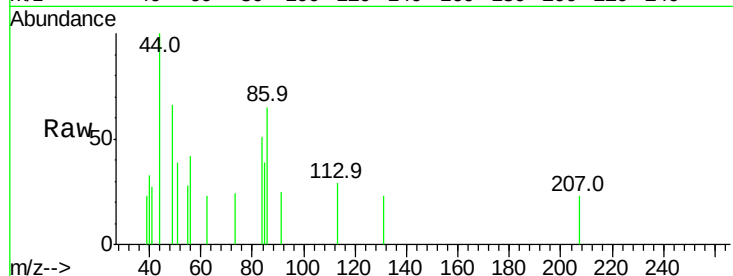
Tot Ion:113 Resp: 210

Ion Ratio Lower Upper

113 100

55 95.7 146.5 219.7#

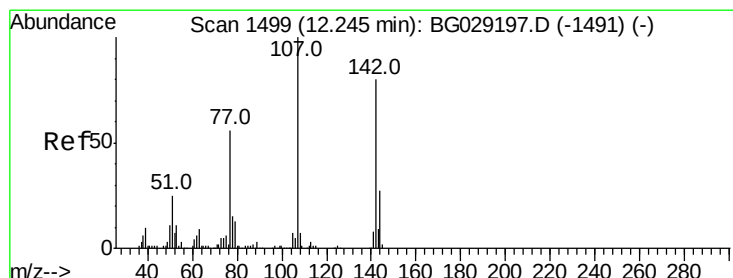
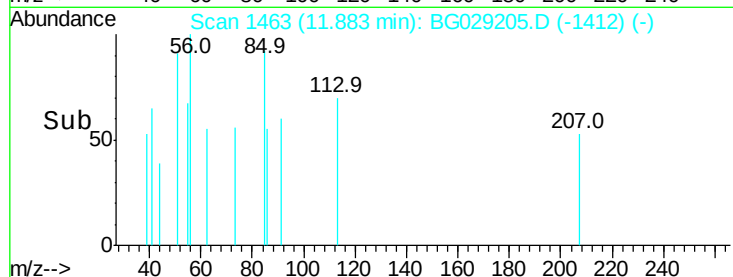
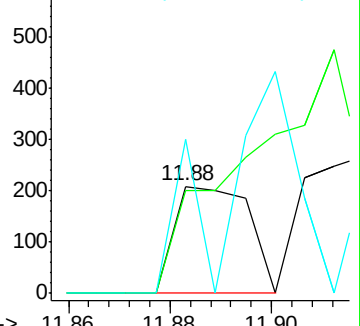
56 143.5 107.6 161.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#33

4-Chloro-3-methylphenol

Concen: 0.008 ng/ul

RT: 12.08 min Scan# 1496

Delta R.T. -0.17 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

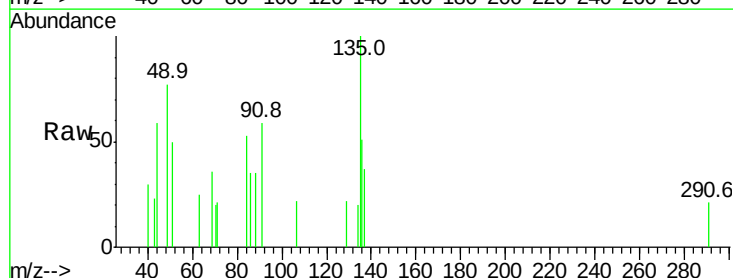
Tgt Ion:107 Resp: 61

Ion Ratio Lower Upper

107 100

144 0.0 18.0 27.0#

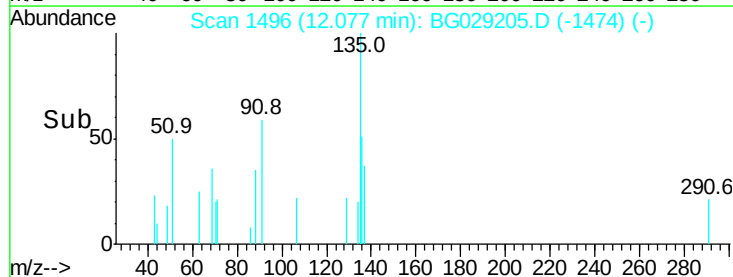
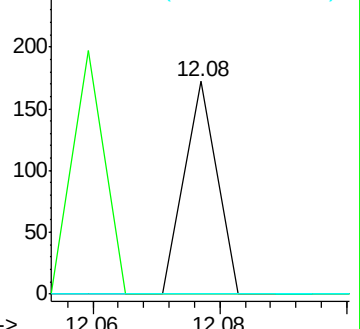
142 0.0 60.5 90.7#

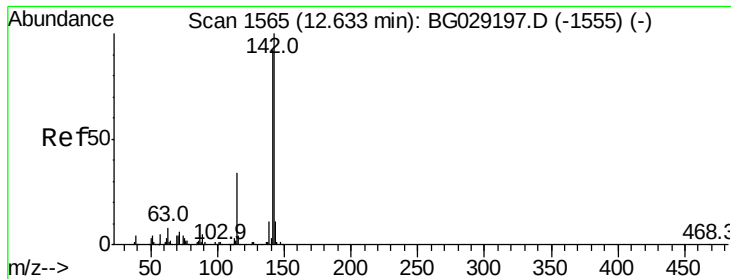


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 0.003 ng/ul

RT: 12.58 min Scan# 1581

Delta R.T. -0.06 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

Instrument :

BNA_G

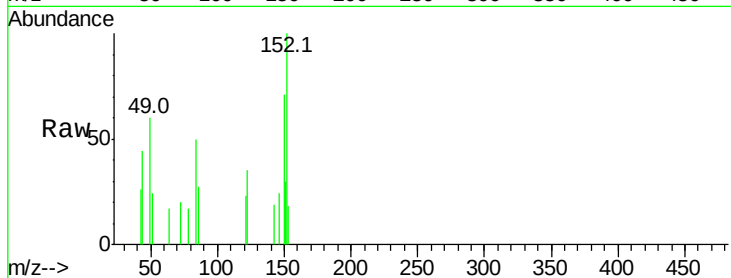
ClientSampleId :

Tot Ion:142 Resp: 61

Ion Ratio Lower Upper

142 100

141 0.0 75.4 113.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.58

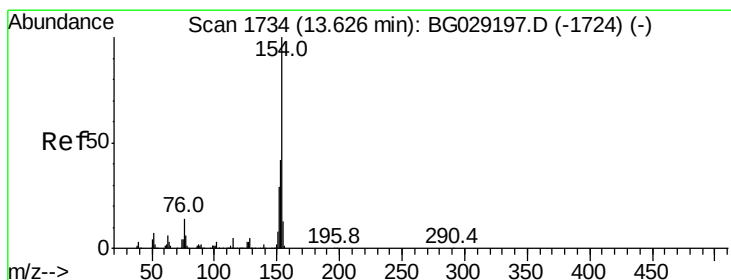
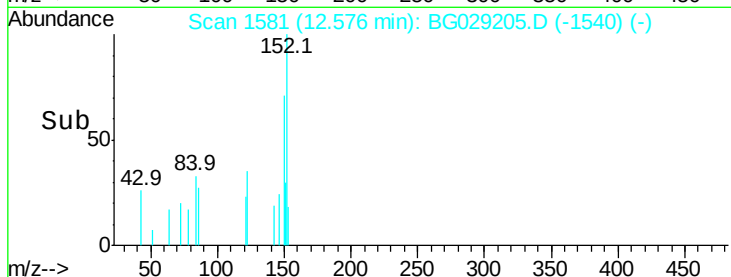
150

100

50

0

Time-->



#40

1,1'-Biphenyl

Concen: 0.043 ng/ul

RT: 13.62 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

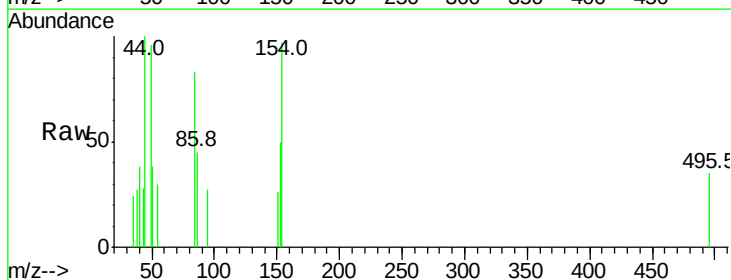
Tgt Ion:154 Resp: 900

Ion Ratio Lower Upper

154 100

153 51.9 34.6 52.0

76 0.0 10.6 15.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

800

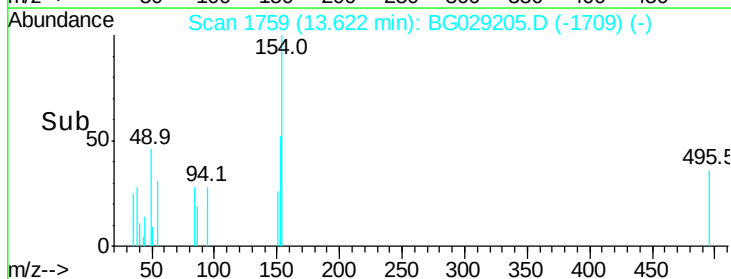
600

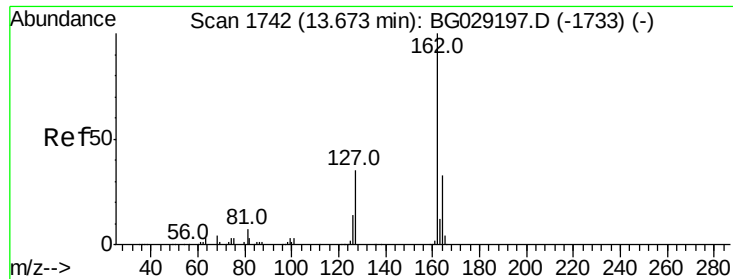
400

200

0

Time-->

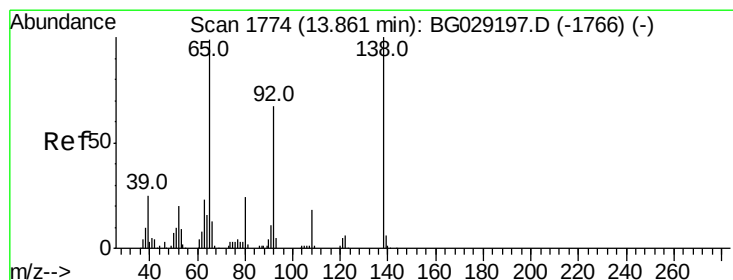
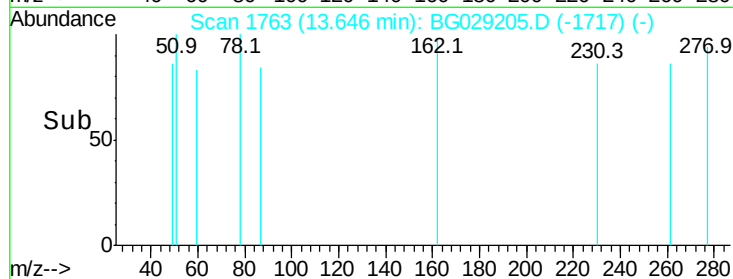
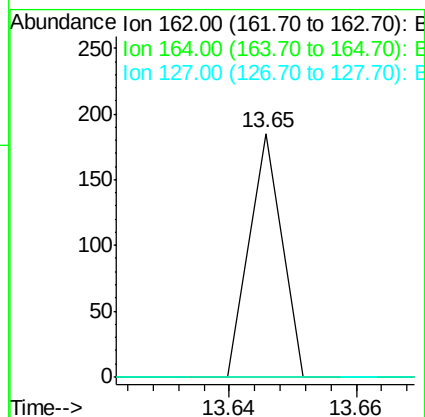
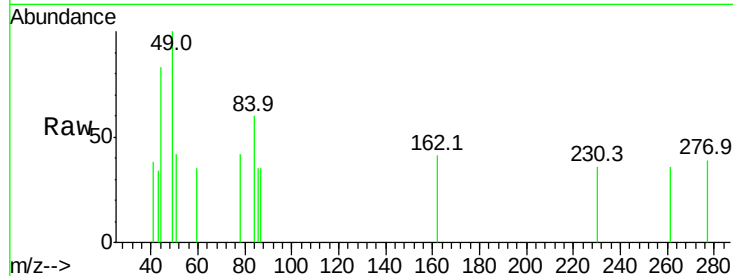




#41
 2-Chloronaphthalene
 Concen: 0.004 ng/ul
 RT: 13.65 min Scan# 1763
 Delta R.T. -0.03 min
 Lab File: BG029205.D
 Acq: 14 Oct 2017 00:10

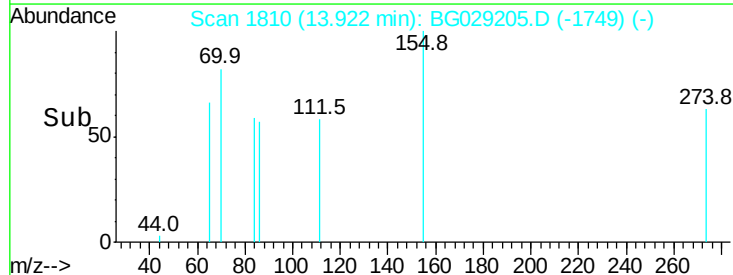
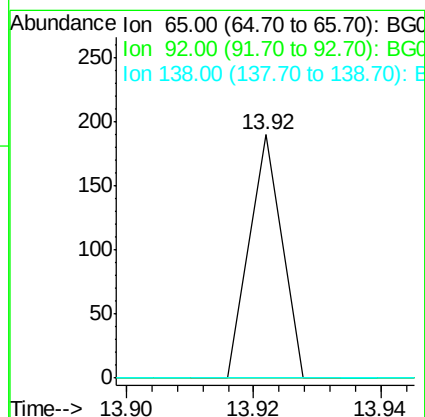
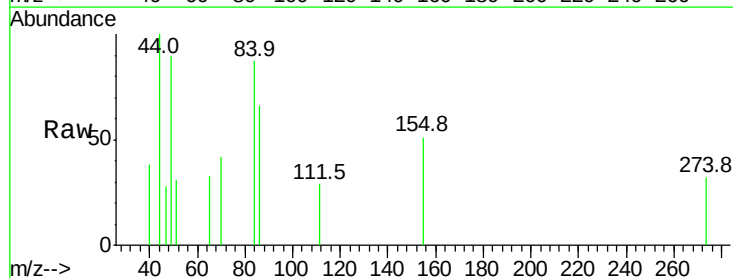
Instrument :
 BNA_G
 ClientSampled :

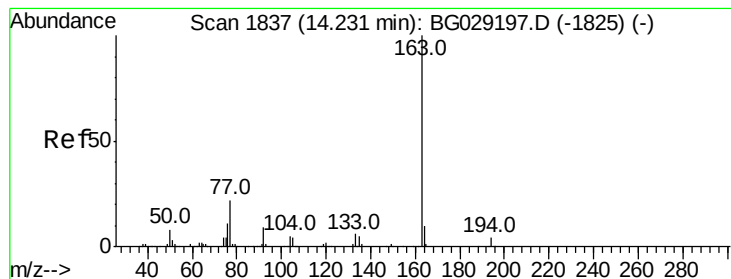
Tot Ion: 162 Resp: 65
 Ion Ratio Lower Upper
 162 100
 164 0.0 25.0 37.6#
 127 0.0 30.6 46.0#



#42
 2-Nitroaniline
 Concen: 0.014 ng/ul
 RT: 13.92 min Scan# 1810
 Delta R.T. 0.06 min
 Lab File: BG029205.D
 Acq: 14 Oct 2017 00:10

Tgt Ion: 65 Resp: 67
 Ion Ratio Lower Upper
 65 100
 92 0.0 55.3 82.9#
 138 0.0 70.3 105.5#





#44

Dimethylphthalate

Concen: 0.043 ng/ul

RT: 14.19 min Scan# 1855

Delta R.T. -0.05 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

Instrument :

BNA_G

ClientSampleId :

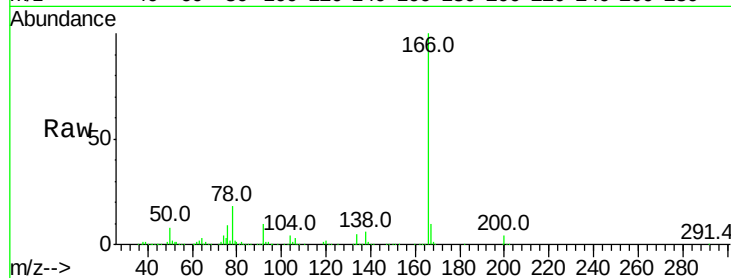
Tot Ion:163 Resp: 911

Ion Ratio Lower Upper

163 100

194 0.0 3.5 5.3#

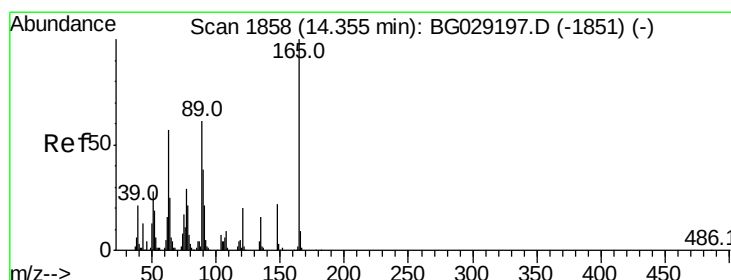
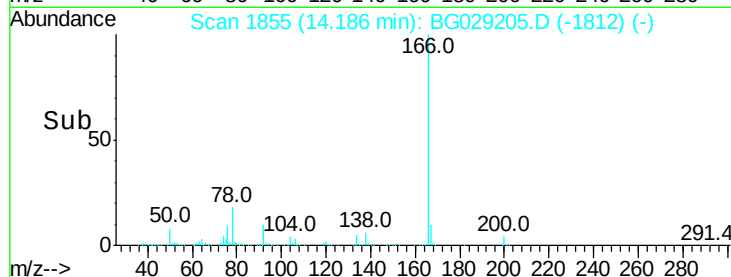
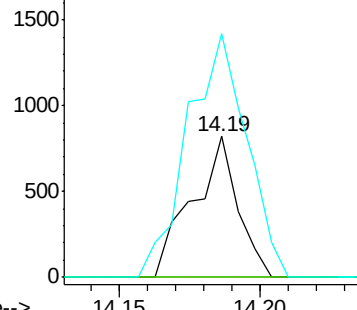
164 172.8 7.6 11.4#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 17.701 ng/ul

RT: 14.32 min Scan# 1877

Delta R.T. -0.04 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

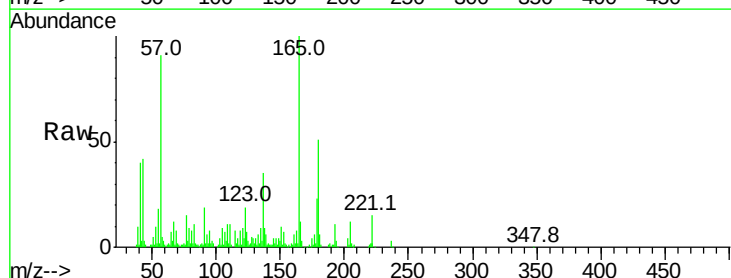
Tgt Ion:165 Resp: 65369

Ion Ratio Lower Upper

165 100

89 2.1 51.1 76.7#

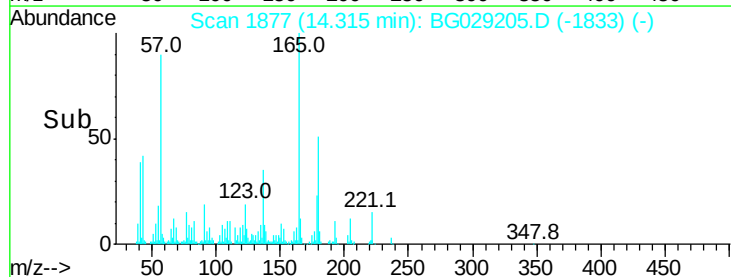
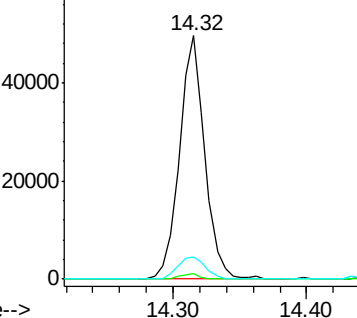
121 9.0 17.2 25.8#

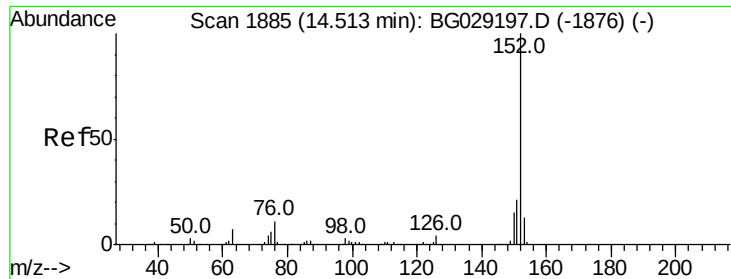


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BGC

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 0.033 ng/ul

RT: 14.52 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

Instrument :

BNA_G

ClientSampleId :

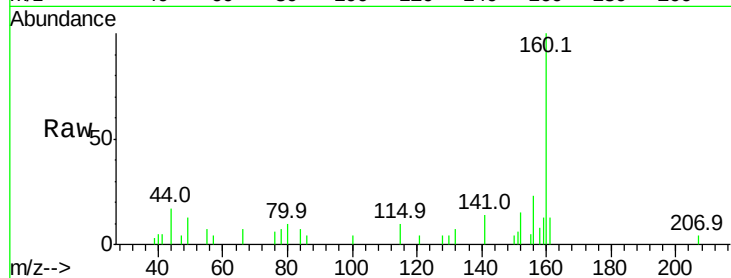
Tot Ion:152 Resp: 873

Ion Ratio Lower Upper

152 100

151 39.1 15.2 22.8#

153 0.0 10.2 15.4#



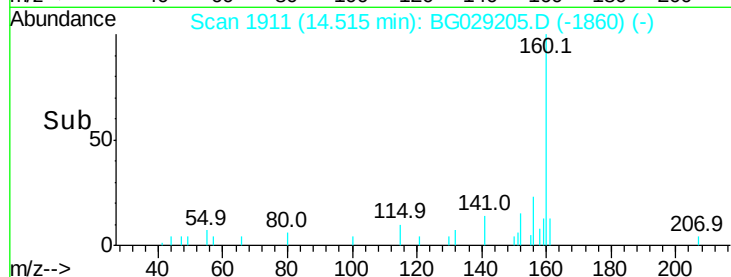
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

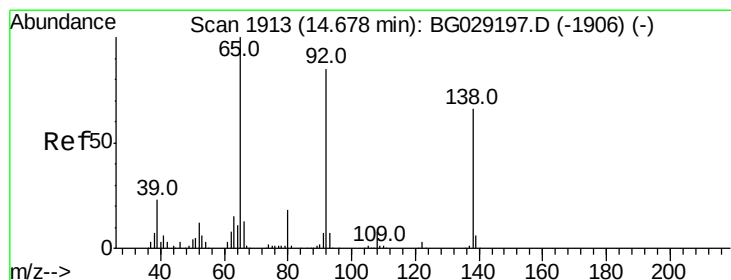
Ion 153.00 (152.70 to 153.70): E

14.52

14.50 14.55



Time-->



#48

3-Nitroaniline

Concen: 0.016 ng/ul

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

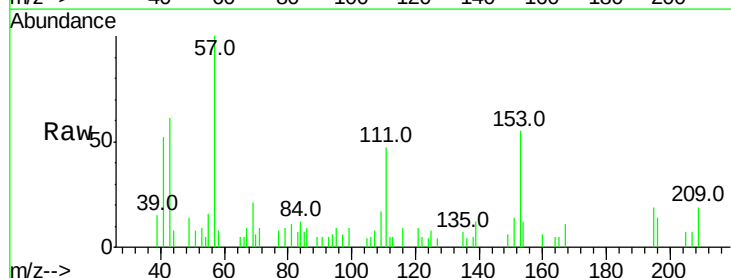
Tgt Ion:138 Resp: 65

Ion Ratio Lower Upper

138 100

108 0.0 10.5 15.7#

92 0.0 107.8 161.8#



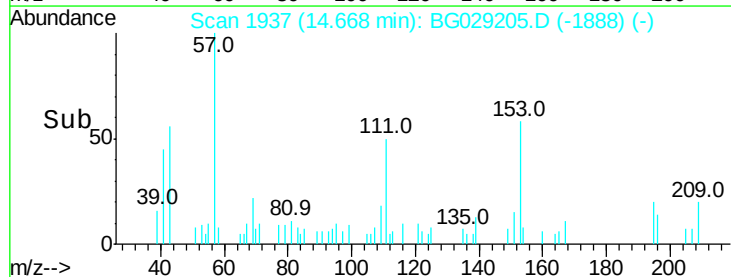
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

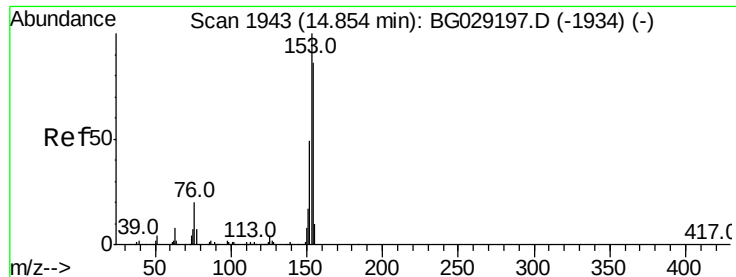
Ion 92.00 (91.70 to 92.70): BGC

14.67

14.66 14.68



Time-->



#49

Acenaphthene

Concen: 1.798 ng/ul

RT: 14.85 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

Instrument :

BNA_G

ClientSampleId :

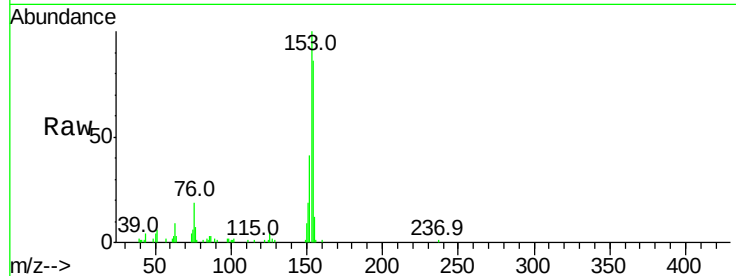
Tot Ion:153 Resp: 33027

Ion Ratio Lower Upper

153 100

152 41.3 38.2 57.2

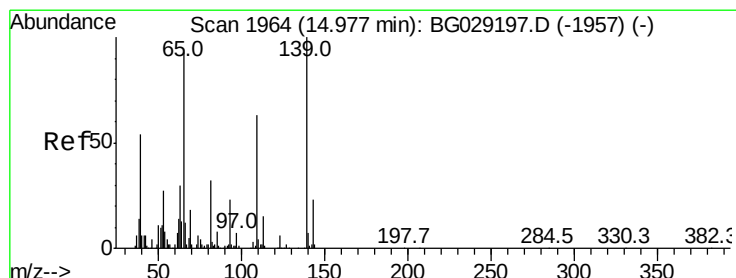
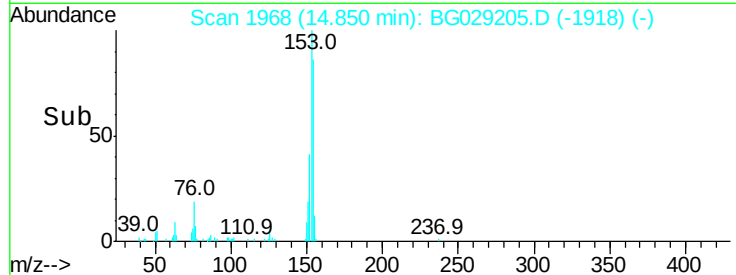
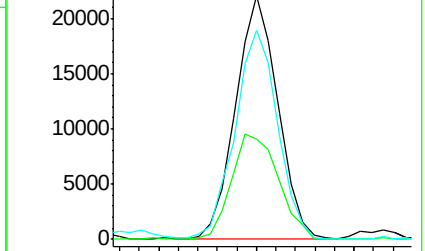
154 86.1 70.6 105.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 0.051 ng/ul

RT: 15.02 min Scan# 1997

Delta R.T. 0.04 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

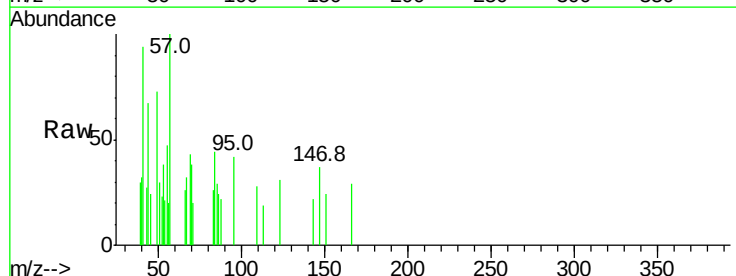
Tgt Ion:109 Resp: 155

Ion Ratio Lower Upper

109 100

139 0.0 89.5 134.3#

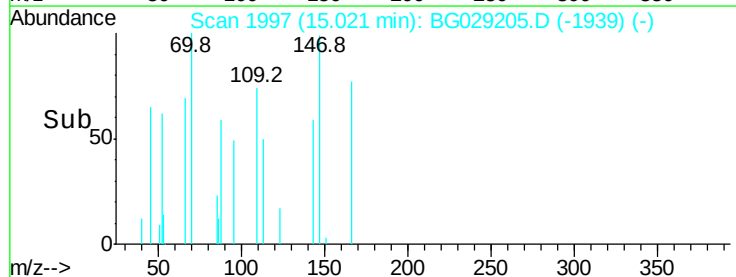
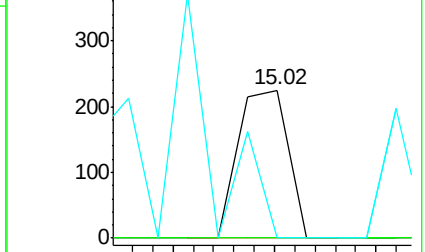
65 0.0 98.3 147.5#

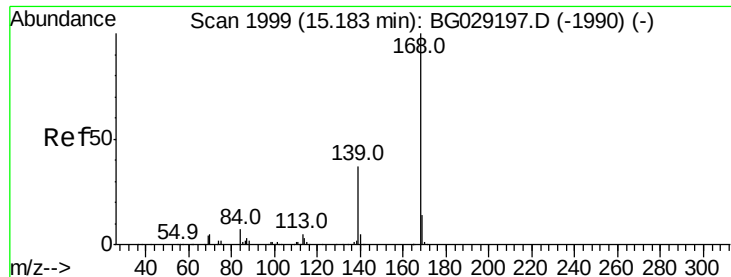


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG





#53

Dibenzofuran

Concen: 0.115 ng/ul

RT: 15.19 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

Instrument :

BNA_G

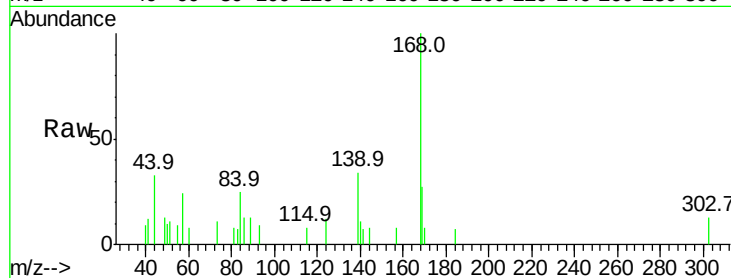
ClientSampleId :

Tot Ion:168 Resp: 2896

Ion Ratio Lower Upper

168 100

139 34.5 31.4 47.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

2500

2000

1500

1000

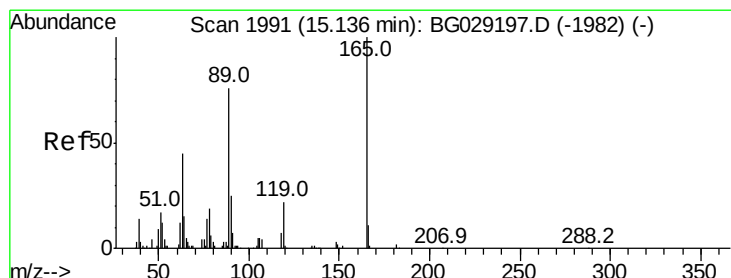
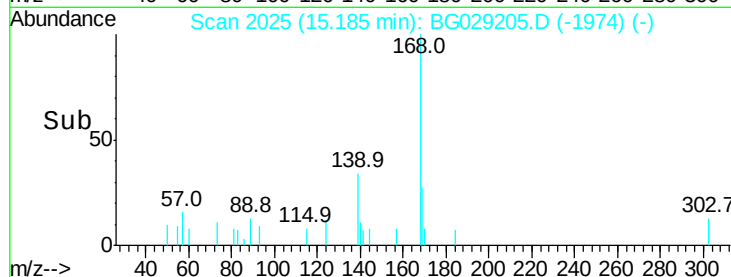
500

0

15.15

15.20

Time-->



#54

2,4-Dinitrotoluene

Concen: 0.033 ng/ul

RT: 15.10 min Scan# 2010

Delta R.T. -0.04 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

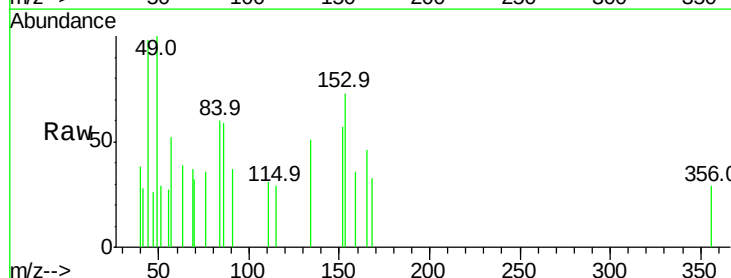
Tgt Ion:165 Resp: 176

Ion Ratio Lower Upper

165 100

63 83.9 38.2 57.4#

182 0.0 2.3 3.5#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 182.00 (181.70 to 182.70): E

400

300

200

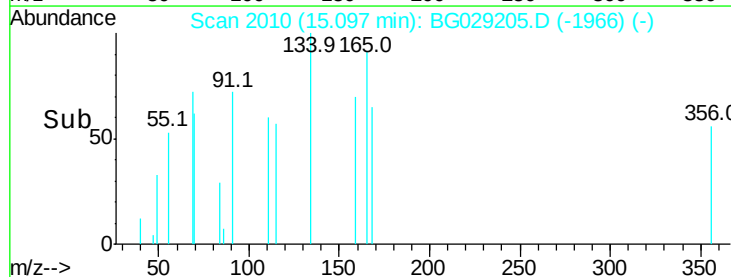
100

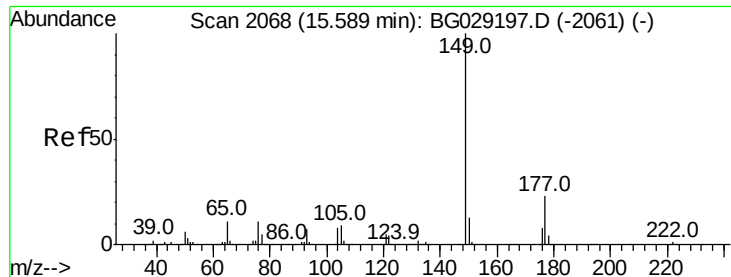
0

15.08

15.10

Time-->

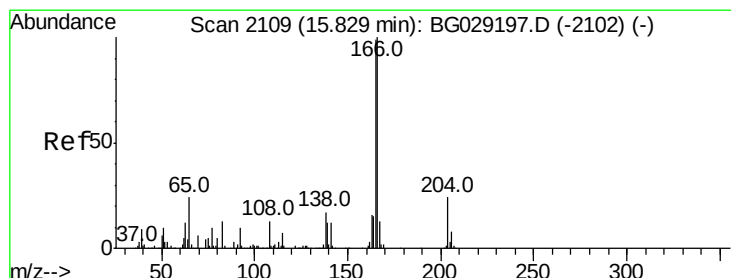
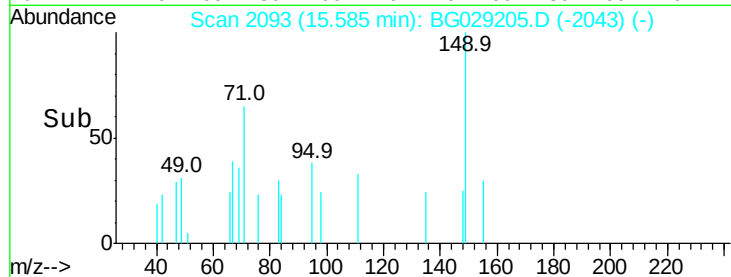
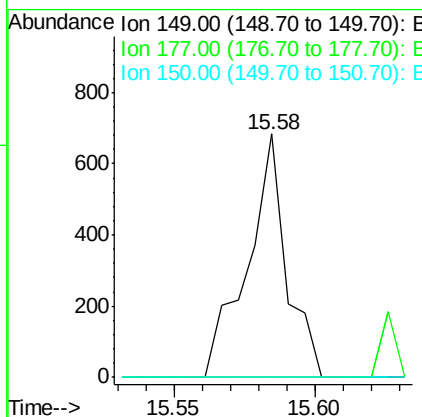
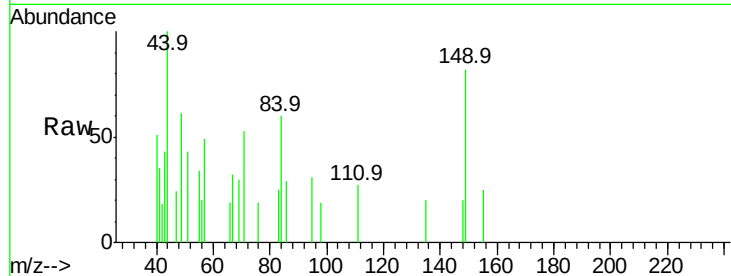




#56
Diethylphthalate
Concen: 0.030 ng/ul
RT: 15.58 min Scan# 2093
Delta R.T. -0.00 min
Lab File: BG029205.D
Acq: 14 Oct 2017 00:10

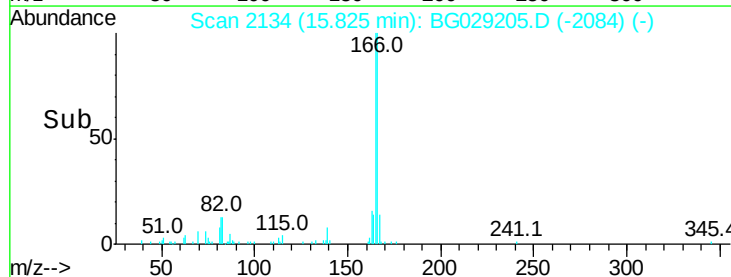
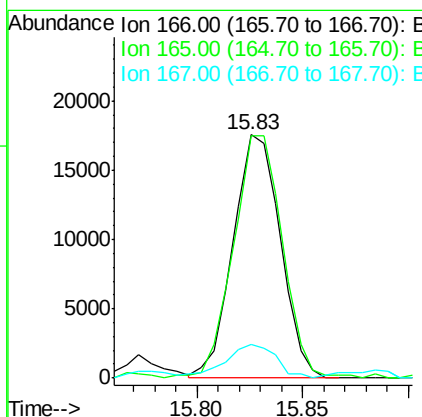
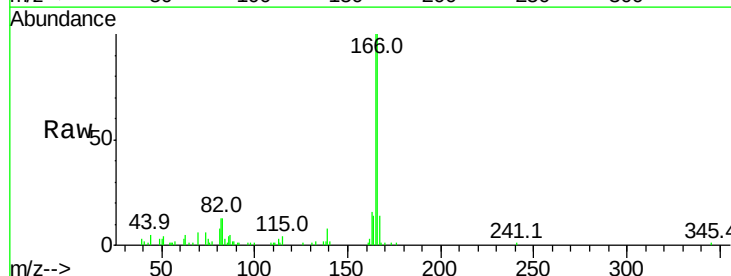
Instrument :
BNA_G
ClientSampleId :

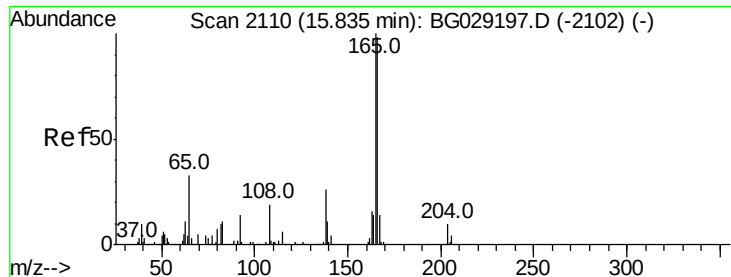
Tot Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.8	26.6#
150	0.0	9.8	14.8#



#58
Fluorene
Concen: 1.359 ng/ul
RT: 15.83 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG029205.D
Acq: 14 Oct 2017 00:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.9	119.9
167	13.9	10.6	16.0





#60

4-Nitroaniline

Concen: 0.083 ng/ul

RT: 15.83 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

Instrument :

BNA_G

ClientSampleId :

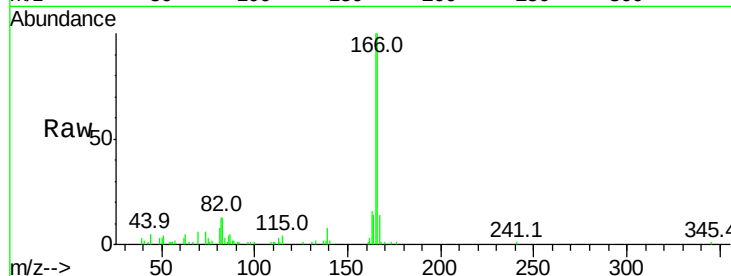
Tot Ion:138 Resp: 408

Ion Ratio Lower Upper

138 100

92 47.5 44.2 66.2

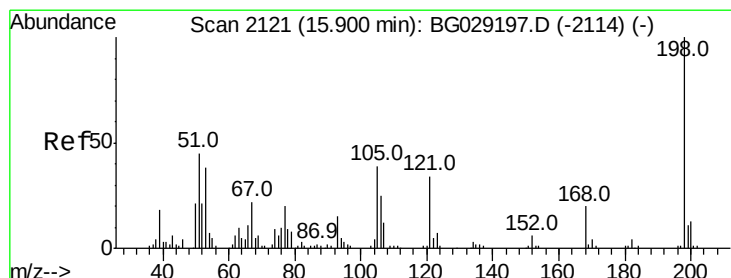
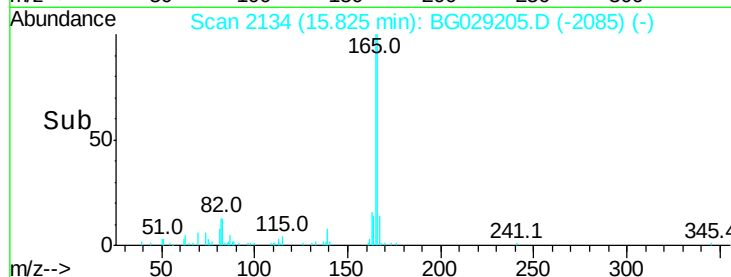
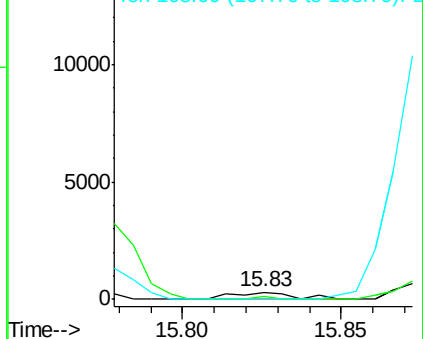
108 0.0 63.7 95.5#



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



#63

4,6-Dinitro-2-methylphenol

Concen: 0.064 ng/ul

RT: 15.88 min Scan# 2144

Delta R.T. -0.02 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

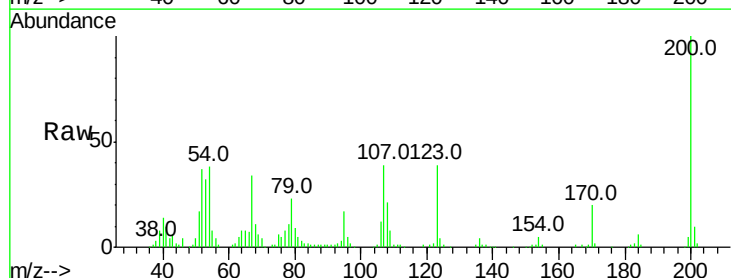
Tgt Ion:198 Resp: 203

Ion Ratio Lower Upper

198 100

182 274.8 4.6 5.0#

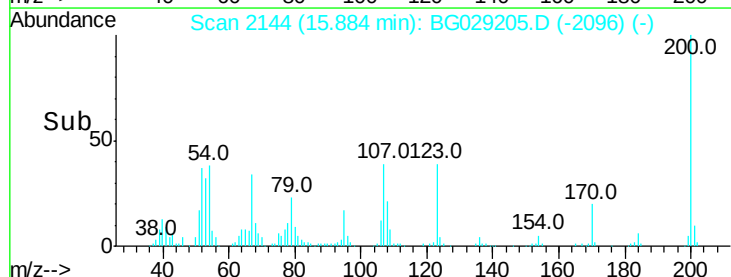
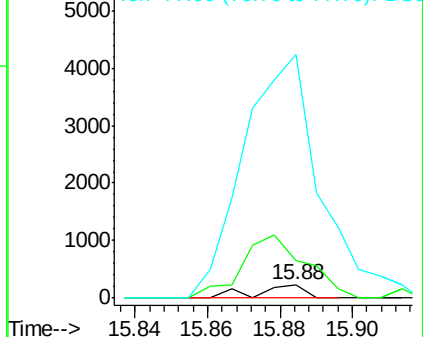
77 1809.8 25.9 39.7#

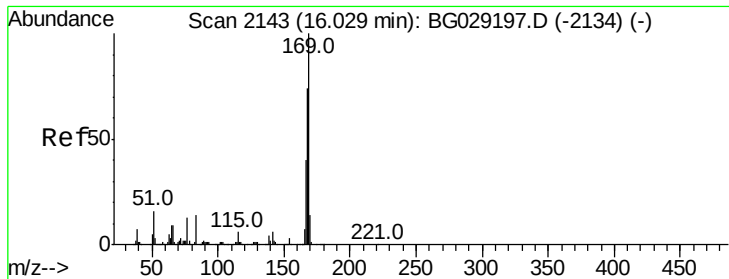


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BGC



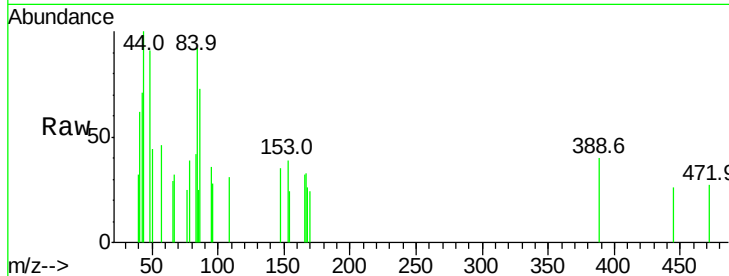


#64

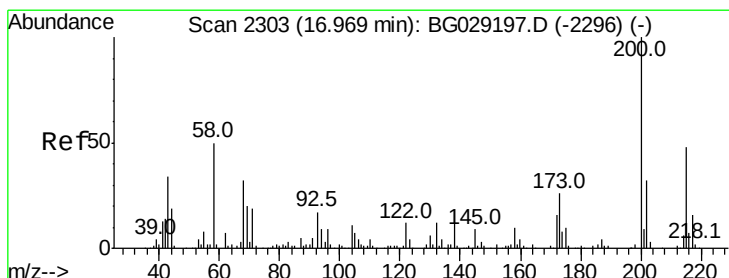
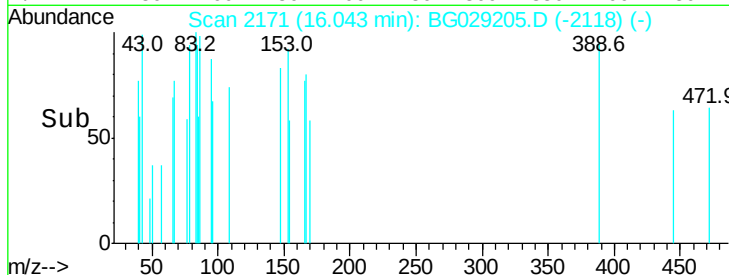
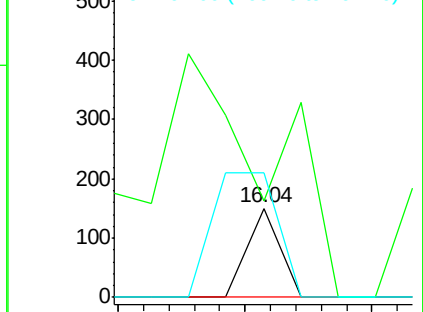
N-Nitrosodiphenylamine
Concen: 0.003 ng/ul
RT: 16.04 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BG029205.D
Acq: 14 Oct 2017 00:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:169 Resp: 53
Ion Ratio Lower Upper
169 100
168 107.9 54.1 81.1#
167 139.1 30.0 45.0#



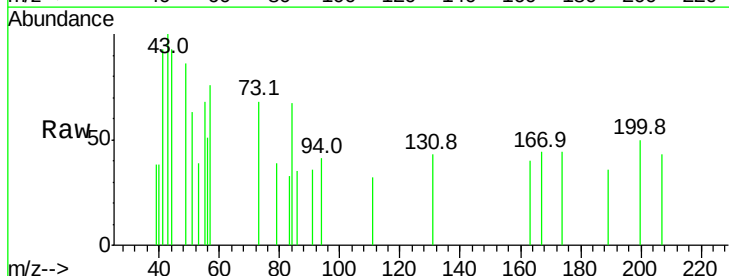
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



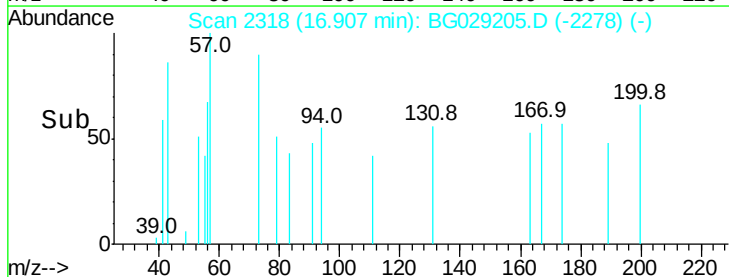
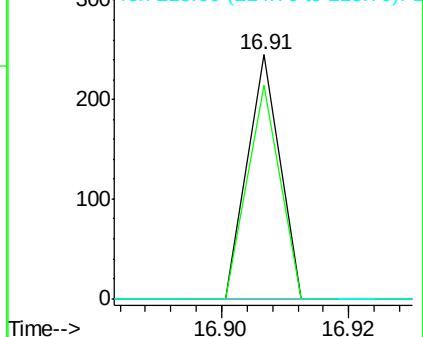
#67

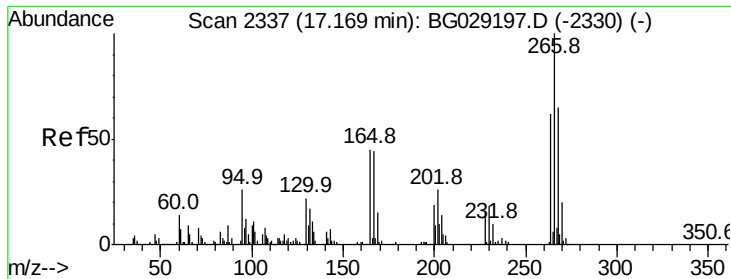
Atrazine
Concen: 0.012 ng/ul
RT: 16.91 min Scan# 2318
Delta R.T. -0.06 min
Lab File: BG029205.D
Acq: 14 Oct 2017 00:10

Tgt Ion:200 Resp: 86
Ion Ratio Lower Upper
200 100
173 87.8 21.8 32.6#
215 0.0 39.4 59.0#



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

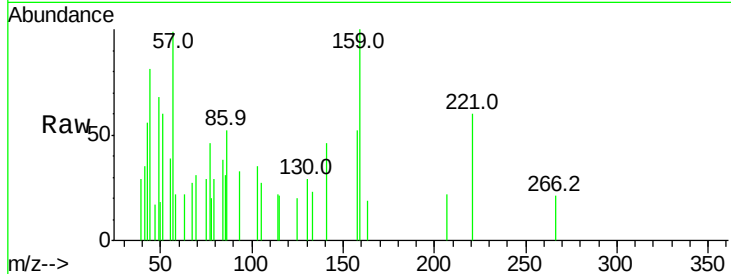




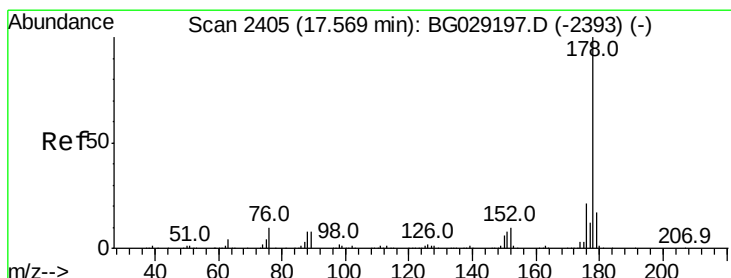
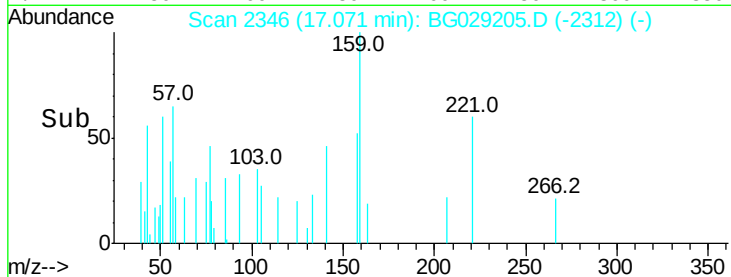
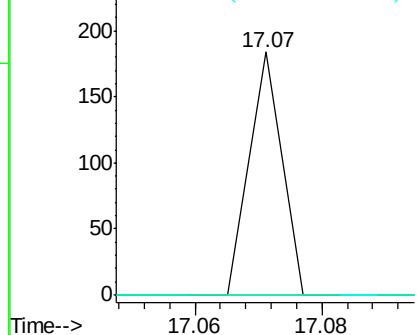
#68
 Pentachlorophenol
 Concen: 0.017 ng/ul
 RT: 17.07 min Scan# 2346
 Delta R.T. -0.10 min
 Lab File: BG029205.D
 Acq: 14 Oct 2017 00:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 65
 Ion Ratio Lower Upper
 266 100
 264 0.0 54.4 81.6#
 268 0.0 53.4 80.2#

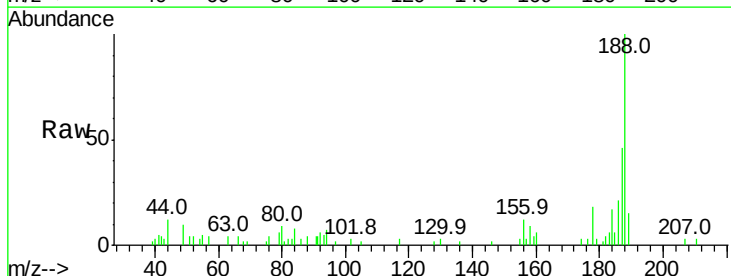


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

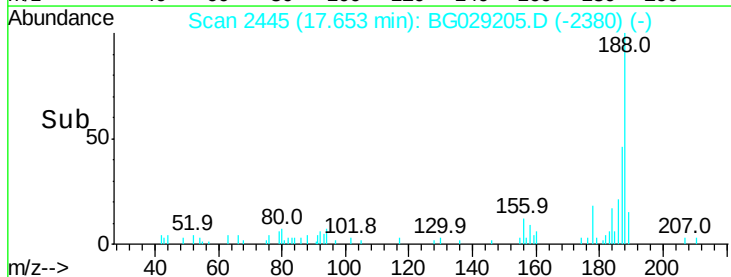
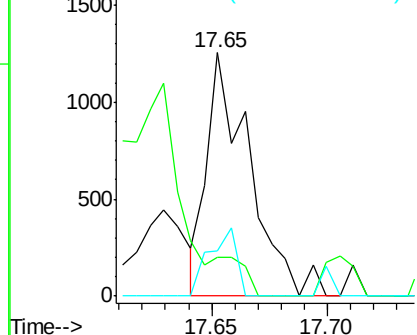


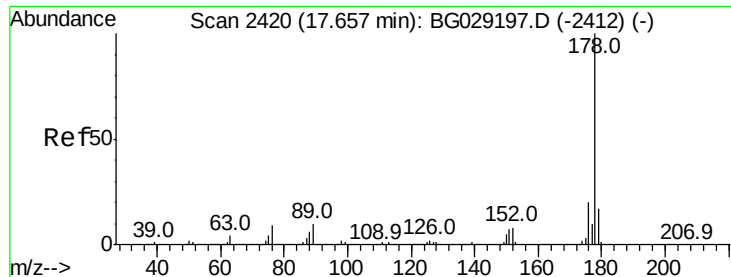
#69
 Phenanthrene
 Concen: 0.049 ng/ul
 RT: 17.65 min Scan# 2445
 Delta R.T. 0.08 min
 Lab File: BG029205.D
 Acq: 14 Oct 2017 00:10

Tgt Ion:178 Resp: 1621
 Ion Ratio Lower Upper
 178 100
 179 16.0 13.0 19.6
 176 18.5 15.3 22.9



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 0.047 ng/ul

RT: 17.65 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

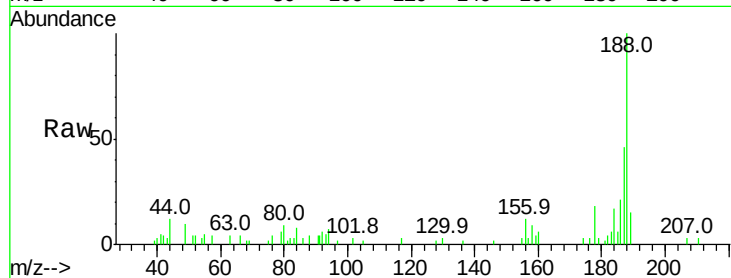
Instrument :

BNA_G

ClientSampled :

Tot Ion:178 Resp: 1621

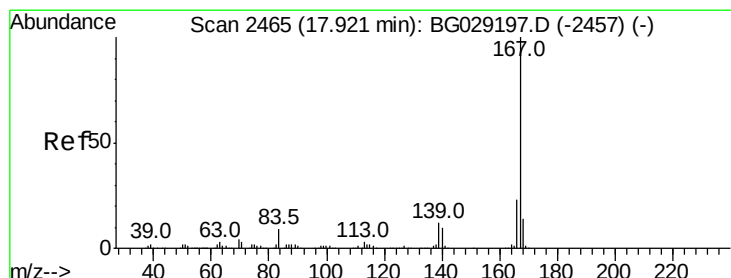
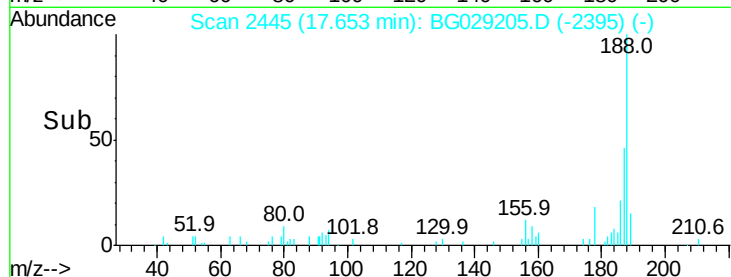
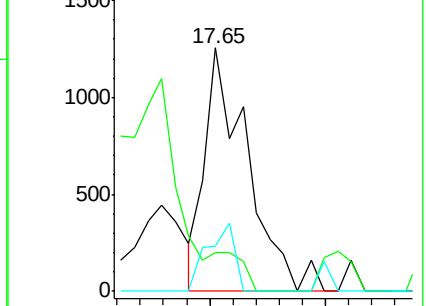
Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.2	19.8
176	18.5	16.0	24.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Carbazole

Concen: 0.331 ng/ul

RT: 17.92 min Scan# 2490

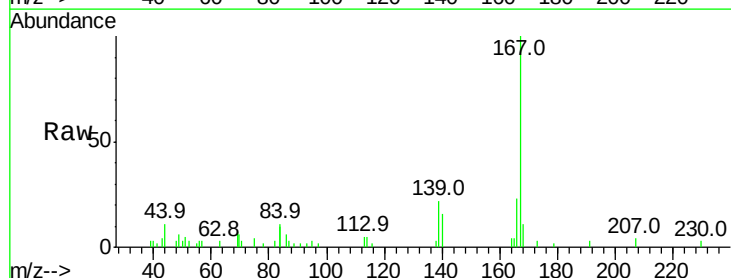
Delta R.T. -0.00 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

Tgt Ion:167 Resp: 10262

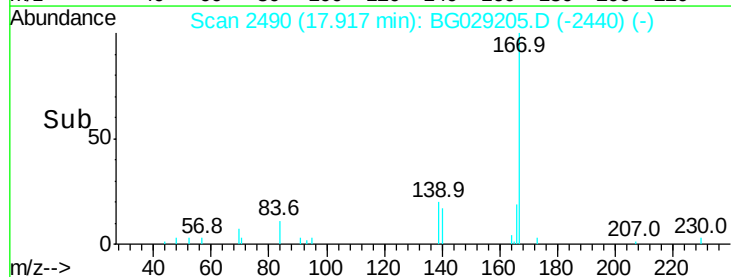
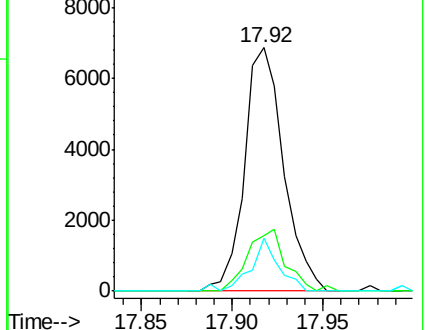
Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.6	28.0
139	21.7	10.6	16.0#

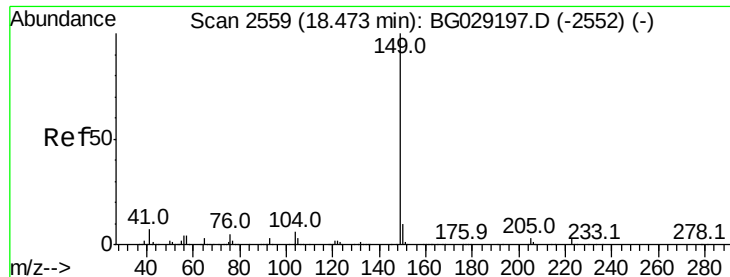


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.013 ng/ul

RT: 18.46 min Scan# 2583

Delta R.T. -0.01 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

Instrument :

BNA_G

ClientSampled :

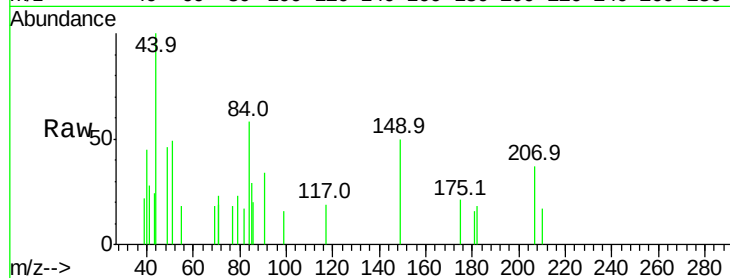
Tot Ion:149 Resp: 481

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

104 0.0 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.46

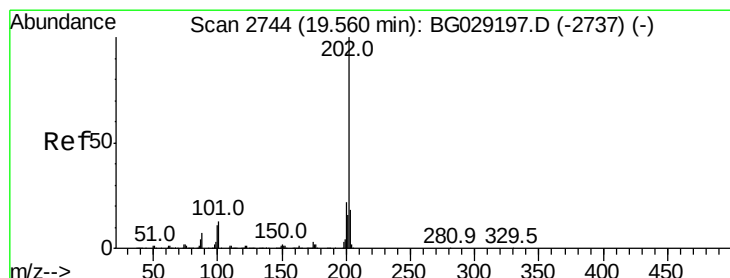
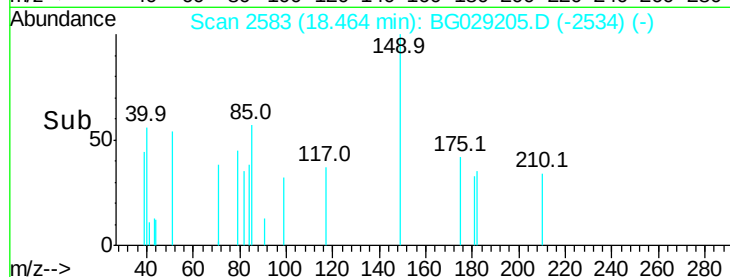
400

200

0

18.45 18.50

Time-->



#74

Fluoranthene

Concen: 0.237 ng/ul

RT: 19.56 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

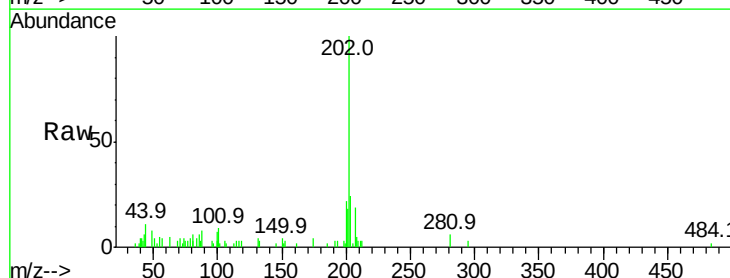
Tgt Ion:202 Resp: 8849

Ion Ratio Lower Upper

202 100

101 11.8 7.4 11.2#

100 7.4 5.6 8.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

19.56

8000

6000

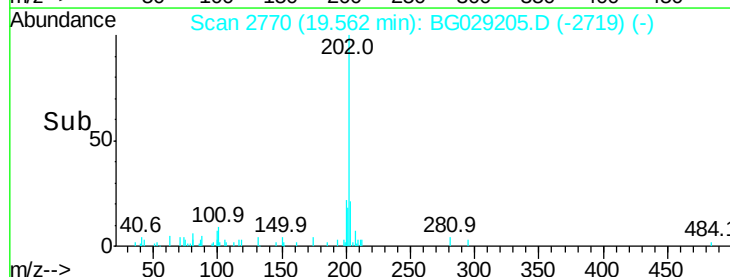
4000

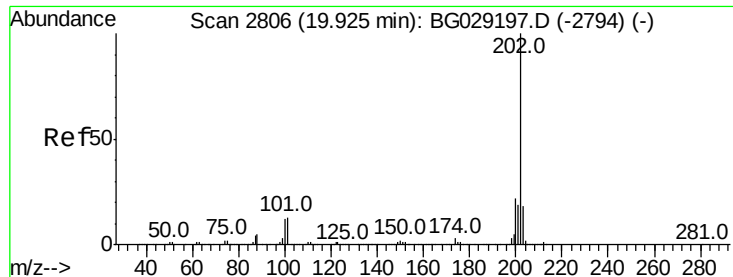
2000

0

19.50 19.55 19.60

Time-->





#77

Pvrene

Concen: 0.202 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

Instrument :

BNA_G

ClientSampleId :

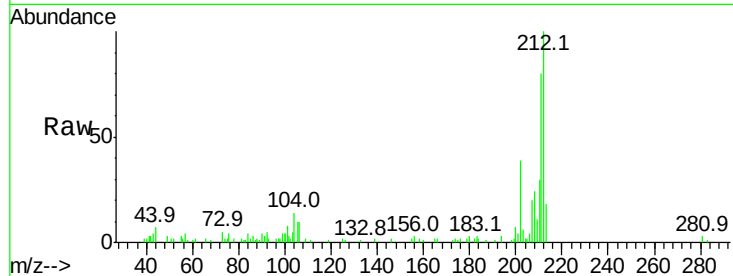
Tot Ion:202 Resp: 8393

Ion Ratio Lower Upper

202 100

101 20.5 8.4 12.6#

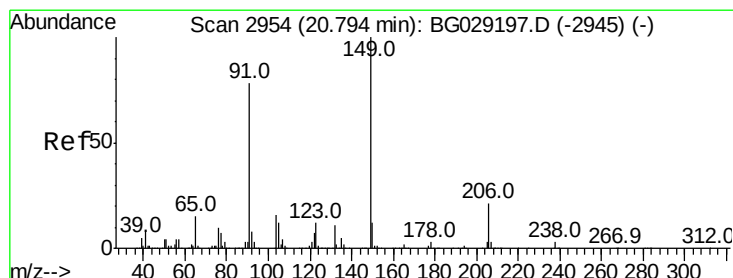
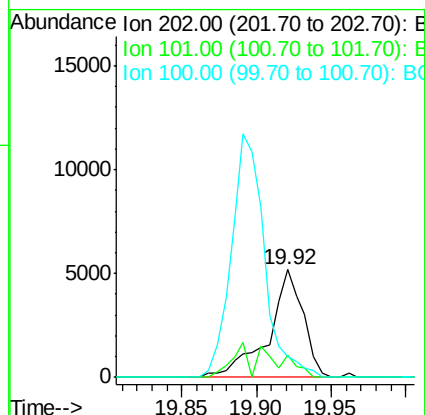
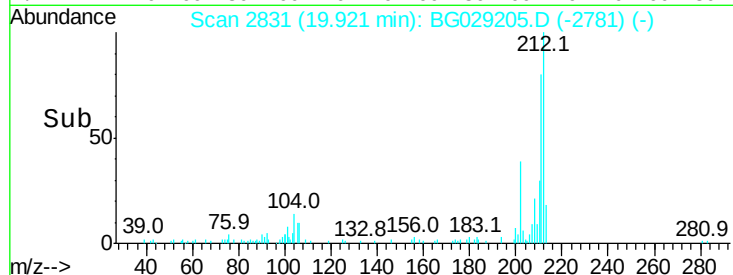
100 19.3 7.0 10.6#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#78

Butylbenzylphthalate

Concen: 0.013 ng/ul

RT: 20.79 min Scan# 2979

Delta R.T. -0.00 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

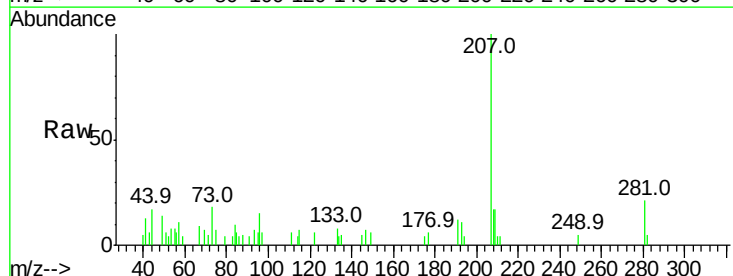
Tgt Ion:149 Resp: 214

Ion Ratio Lower Upper

149 100

91 63.3 61.3 91.9

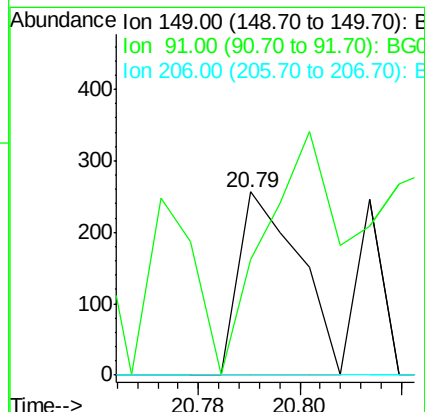
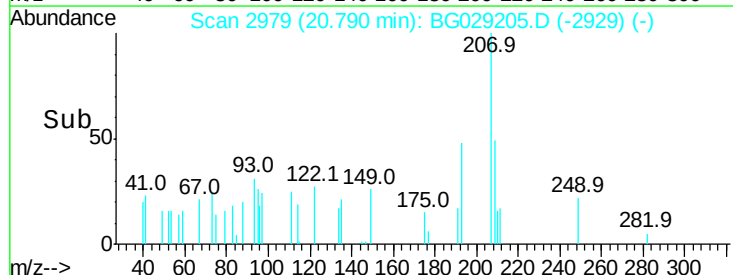
206 0.0 19.5 29.3#

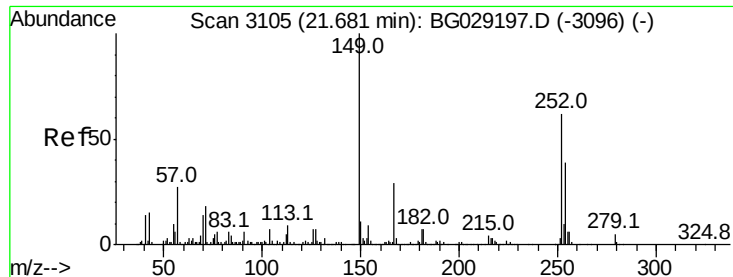


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#79

3,3'-Dichlorobenzidine

Concen: 0.005 ng/ul

RT: 21.41 min Scan# 3084

Delta R.T. -0.27 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

Instrument :

BNA_G

ClientSampled :

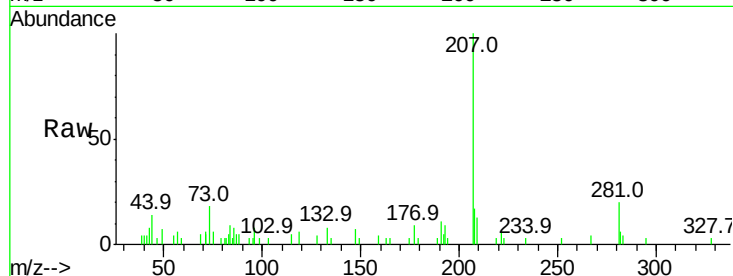
Tot Ion:252 Resp: 60

Ion Ratio Lower Upper

252 100

254 0.0 51.4 77.2#

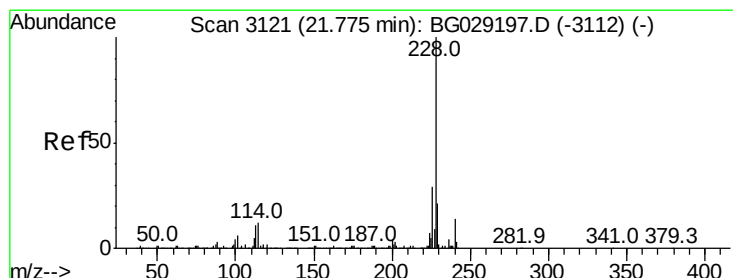
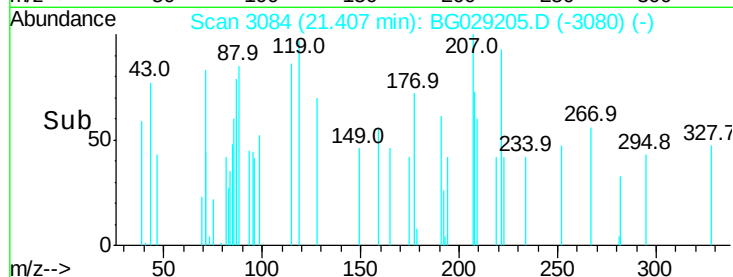
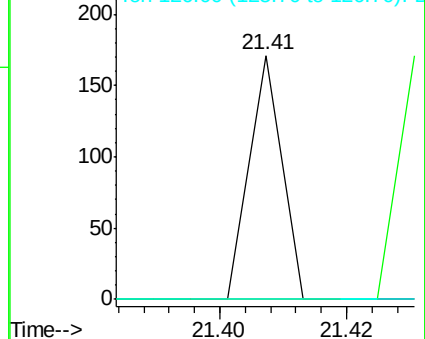
126 0.0 9.3 13.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#80

Benzo(a)anthracene

Concen: 0.056 ng/ul

RT: 21.78 min Scan# 3148

Delta R.T. 0.01 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

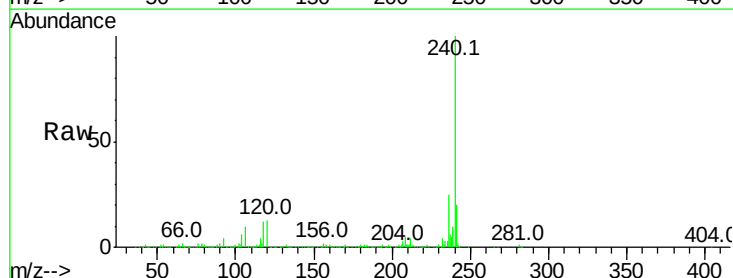
Tgt Ion:228 Resp: 2182

Ion Ratio Lower Upper

228 100

229 14.8 16.2 24.4#

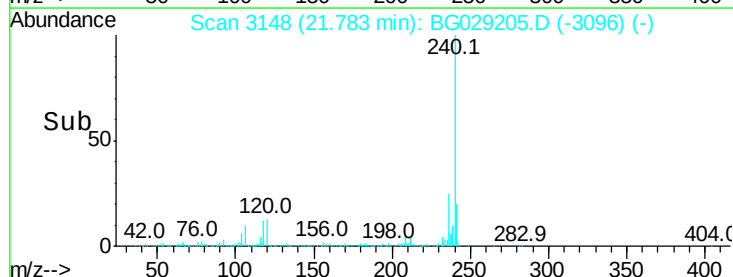
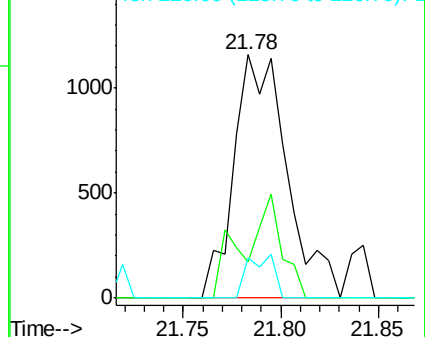
226 16.3 22.2 33.2#

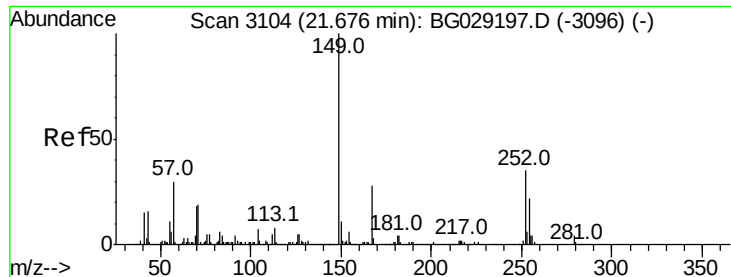


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 0.100 ng/ul

RT: 21.67 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

Instrument :

BNA_G

ClientSampleId :

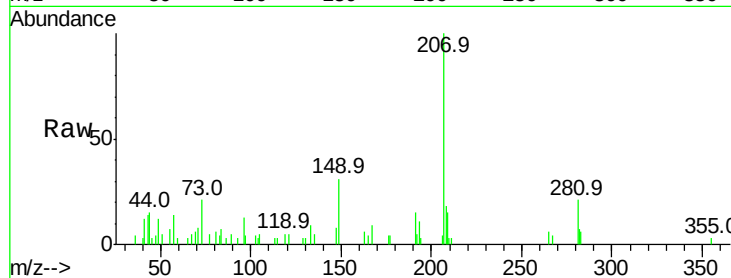
Tot Ion:149 Resp: 2447

Ion Ratio Lower Upper

149 100

167 28.9 23.2 34.8

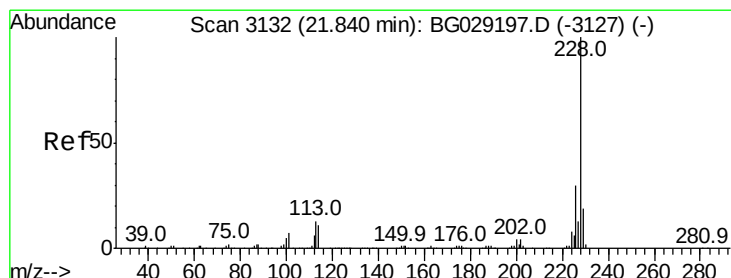
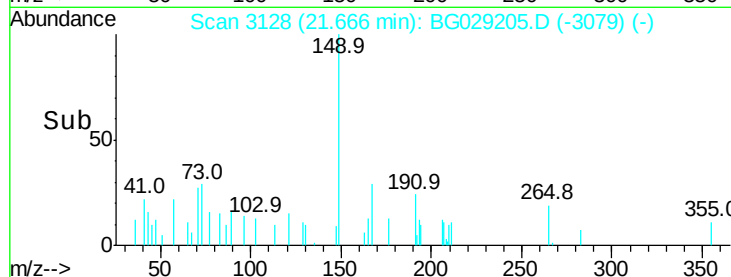
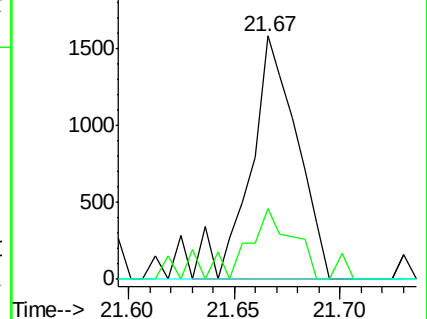
279 0.0 3.1 4.7#



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



#82

Chrysene

Concen: 0.005 ng/ul

RT: 21.84 min Scan# 3158

Delta R.T. 0.00 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

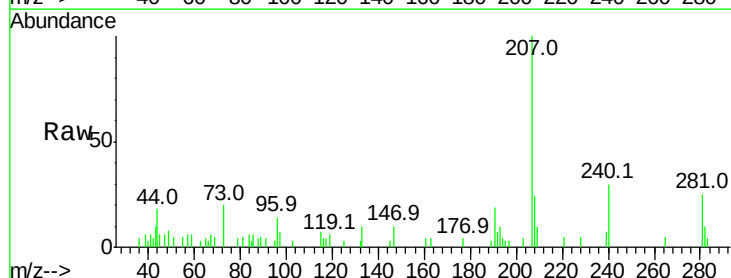
Tgt Ion:228 Resp: 162

Ion Ratio Lower Upper

228 100

226 0.0 24.2 36.2#

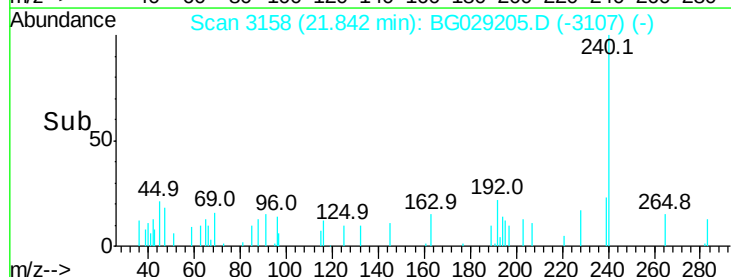
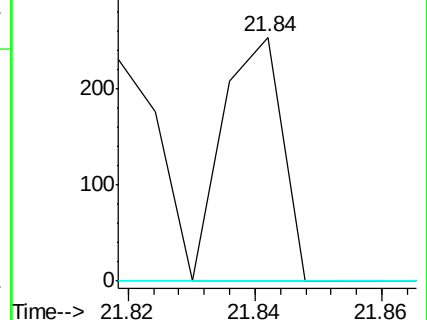
229 0.0 15.2 22.8#

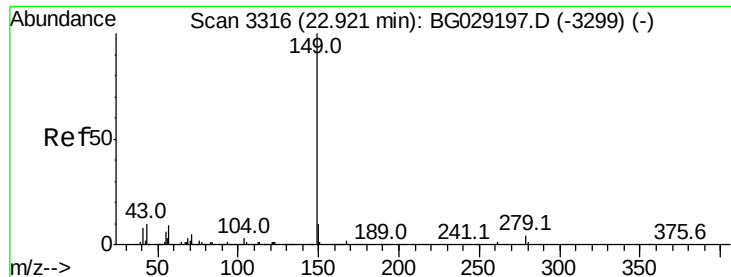


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Di-n-octyl phthalate

Concen: 0.005 ng/ul

RT: 22.92 min Scan# 3342

Delta R.T. 0.00 min

Lab File: BG029205.D

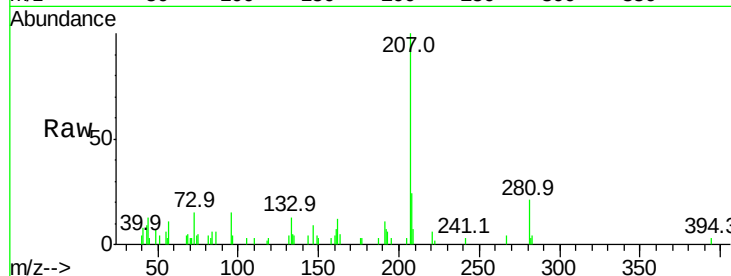
Acq: 14 Oct 2017 00:10

Instrument :

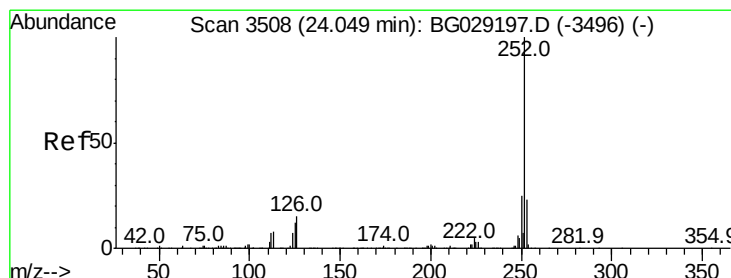
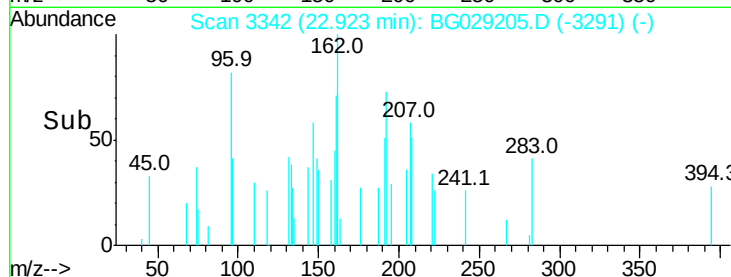
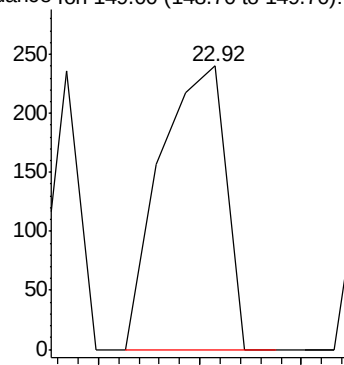
BNA_G

ClientSampleId :

Tgt Ion:149 Resp: 216



Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 0.005 ng/ul

RT: 24.07 min Scan# 3538

Delta R.T. 0.03 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

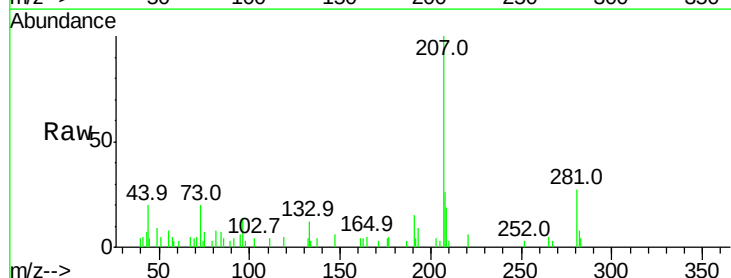
Tgt Ion:252 Resp: 184

Ion Ratio Lower Upper

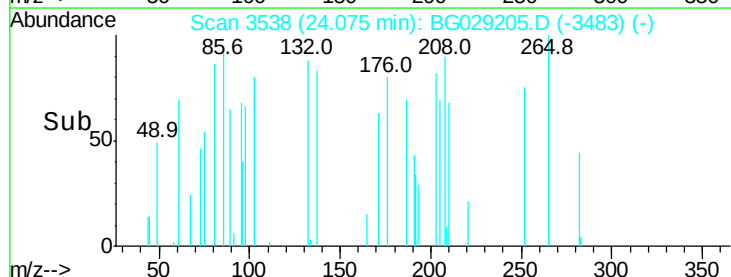
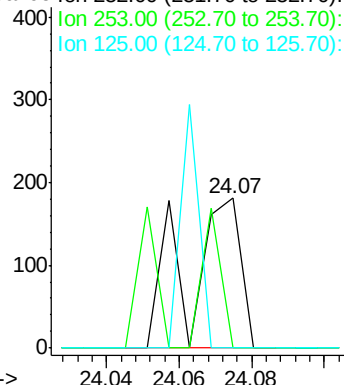
252 100

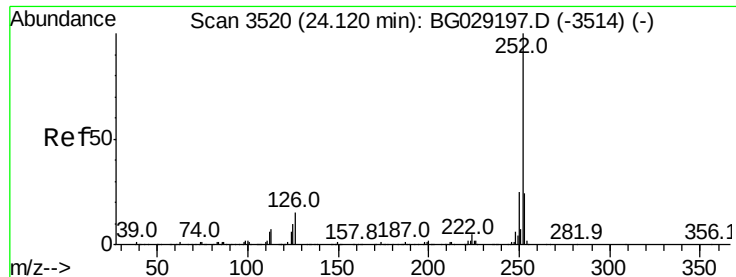
253 0.0 17.0 25.4#

125 0.0 7.5 11.3#



Abundance Ion 252.00 (251.70 to 252.70): E





#86

Benzo(k)fluoranthene

Concen: 0.005 ng/ul

RT: 24.07 min Scan# 3538

Delta R.T. -0.05 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

Instrument :

BNA_G

ClientSampled :

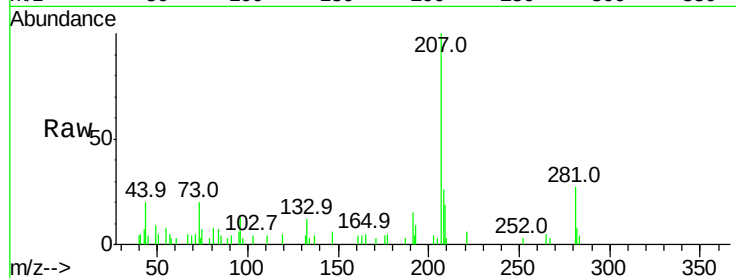
Tot Ion:252 Resp: 184

Ion Ratio Lower Upper

252 100

253 0.0 17.2 25.8#

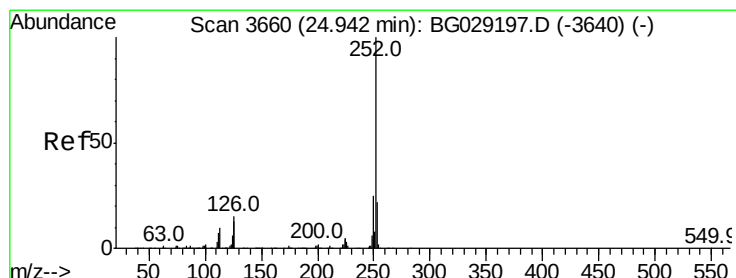
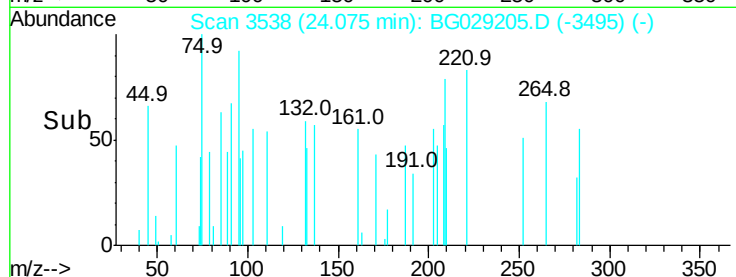
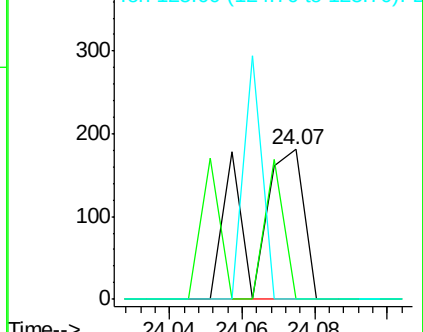
125 0.0 7.8 11.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(a)pyrene

Concen: 0.002 ng/ul

RT: 24.96 min Scan# 3688

Delta R.T. 0.01 min

Lab File: BG029205.D

Acq: 14 Oct 2017 00:10

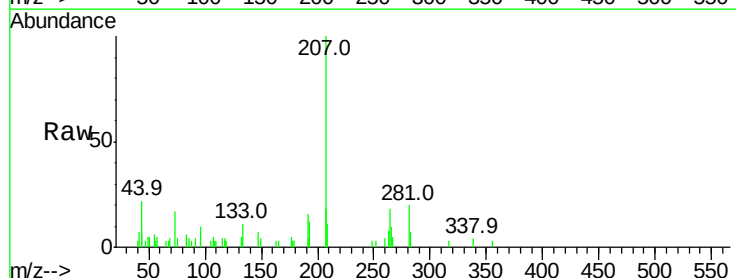
Tgt Ion:252 Resp: 61

Ion Ratio Lower Upper

252 100

253 0.0 17.1 25.7#

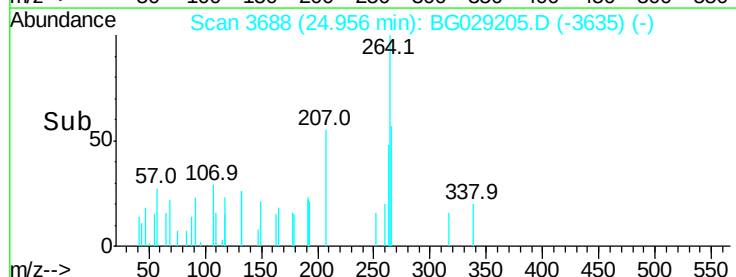
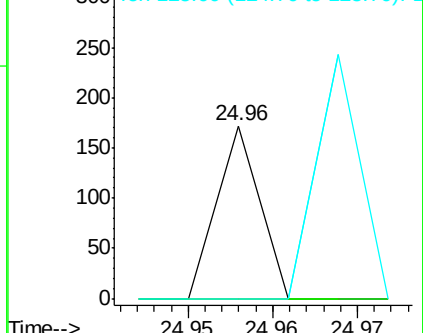
125 0.0 7.8 11.8#

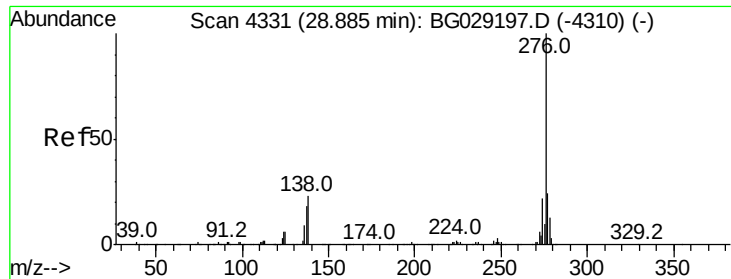


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



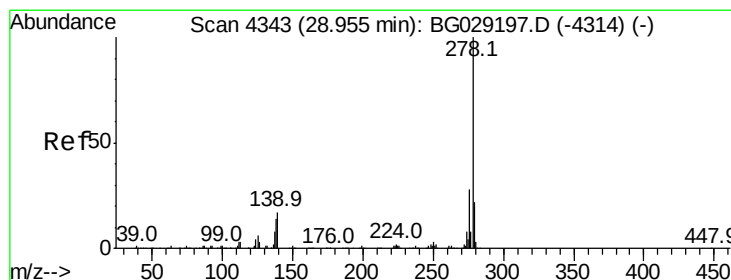
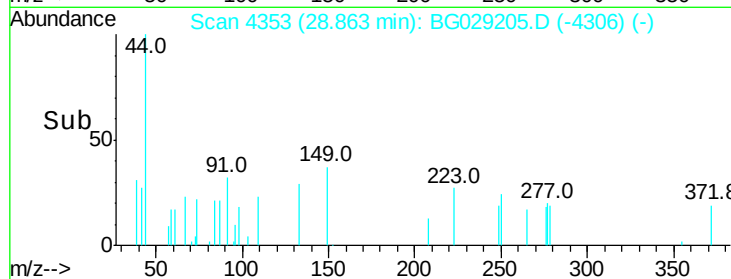
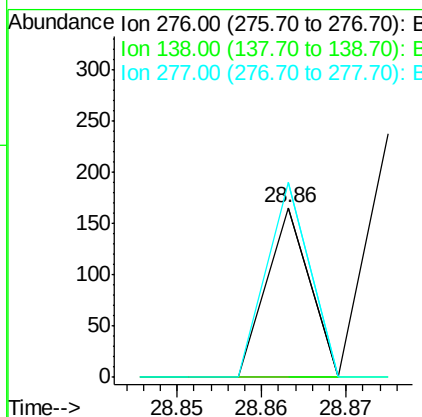
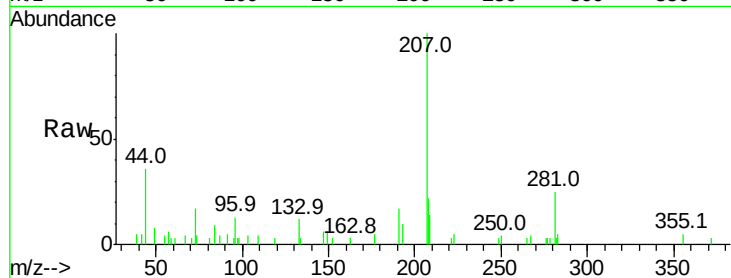


#89

Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng/ul
RT: 28.86 min Scan# 4353
Delta R.T. -0.02 min
Lab File: BG029205.D
Acq: 14 Oct 2017 00:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	13.4	20.0#
277	115.2	18.6	28.0#



#90

Dibenzo(a,h)anthracene
Concen: 0.002 ng/ul
RT: 28.86 min Scan# 4353
Delta R.T. -0.09 min
Lab File: BG029205.D
Acq: 14 Oct 2017 00:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.4	14.2#
279	0.0	18.4	27.6#

