

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101417\
 Data File : BG029202.D
 Acq On : 13 Oct 2017 22:10
 Operator : SJ/JU
 Sample : I5772-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 14 05:44:50 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	90315	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	387002	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	238193	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	571762	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	569828	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	559124	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	15200	6.84	ng/uL	0.00
5) Phenol-d5	7.32	99	67359	7.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	183857	33.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	173562	28.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	127847	18.26	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	110386	39.73	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	113175	39.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	207334	31.96	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	9045	1.20	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	783502	38.48	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	934215	37.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	29296	7.79	ng/ul	0.00
57) Fluorene-d10	15.78	176	671731	40.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	95160	34.10	ng/ul	0.00
70) Anthracene-d10	17.62	188	1082330	40.03	ng/ul	0.00
76) Pyrene-d10	19.89	212	1182437	40.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	1048128	39.58	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.58	88	1102	0.407	ng/uL# 23
4) Benzaldehyde	7.31	77	180	0.034	ng/ul# 42
6) Phenol	7.35	94	157	0.018	ng/ul# 36
8) Bis(2-Chloroethyl)ether	7.58	93	1370	0.201	ng/ul# 60
10) 2-Chlorophenol	8.00	128	60	0.010	ng/ul# 29
11) 2-Methylphenol	8.82	108	66	0.010	ng/ul# 2
12) 2,2'-oxybis(1-Chloropropan	8.86	45	1261	0.126	ng/ul# 69
14) Acetophenone	8.99	105	2867	0.268	ng/ul# 77
15) N-Nitroso-di-n-propylamine	8.98	70	70	0.012	ng/ul# 32
16) 4-Methylphenol	8.82	108	66	0.009	ng/ul# 1
17) Hexachloroethane	9.23	117	67	0.027	ng/ul# 3
20) Nitrobenzene	9.33	77	1013	0.134	ng/ul# 36
21) Isophorone	9.98	82	56	0.003	ng/ul# 67
23) 2-Nitrophenol	10.11	139	60	0.019	ng/ul# 23
24) 2,4-Dimethylphenol	10.07	107	62	0.008	ng/ul# 18
25) Bis(2-Chloroethoxy)methane	10.48	93	68	0.007	ng/ul# 51
27) 2,4-Dichlorophenol	10.60	162	54	0.009	ng/ul# 1
28) Naphthalene	11.04	128	6458	0.315	ng/ul# 95
30) 4-Chloroaniline	11.16	127	56	0.008	ng/ul# 45
32) Caprolactam	11.92	113	178	0.067	ng/ul# 18
33) 4-Chloro-3-methylphenol	12.24	107	63	0.009	ng/ul# 21
34) 2-Methylnaphthalene	12.63	142	257	0.015	ng/ul# 76
40) 1,1'-Biphenyl	13.63	154	163	0.008	ng/ul# 41

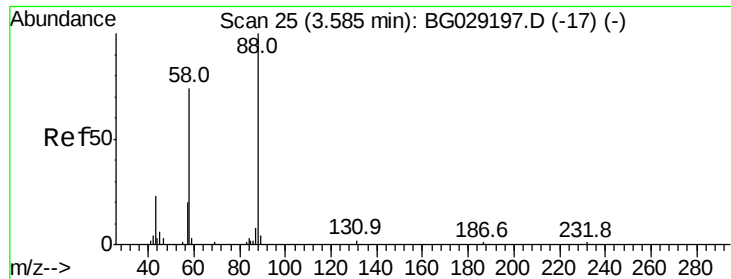
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101417\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 2-Chloronaphthalene	13.73	162	202	0.014	ng/ul#	40
42) 2-Nitroaniline	13.86	65	58	0.012	ng/ul#	10
44) Dimethylphthalate	14.24	163	248	0.012	ng/ul#	78
45) 2,6-Dinitrotoluene	14.34	165	54	0.016	ng/ul#	27
47) Acenaphthylene	14.50	152	61	0.002	ng/ul#	1
48) 3-Nitroaniline	14.67	138	58	0.015	ng/ul#	1
49) Acenaphthene	14.85	153	1967	0.114	ng/ul	88
52) 4-Nitrophenol	14.78	109	93	0.033	ng/ul#	15
53) Dibenzofuran	15.18	168	1719	0.073	ng/ul#	66
56) Diethylphthalate	15.59	149	1878	0.092	ng/ul#	87
58) Fluorene	15.83	166	1056	0.056	ng/ul#	64
59) 4-Chlorophenyl-phenylether	15.72	204	63	0.007	ng/ul#	26
60) 4-Nitroaniline	15.83	138	73	0.016	ng/ul#	15
63) 4,6-Dinitro-2-methylphenol	15.88	198	453	0.154	ng/ul#	1
64) N-Nitrosodiphenylamine	16.05	169	60	0.004	ng/ul#	24
69) Phenanthrene	17.57	178	1765	0.057	ng/ul#	92
71) Anthracene	17.66	178	399	0.013	ng/ul#	59
72) Carbazole	17.92	167	1215	0.042	ng/ul#	89
73) Di-n-butylphthalate	18.47	149	1193	0.035	ng/ul#	77
74) Fluoranthene	19.57	202	2064	0.060	ng/ul#	89
77) Pyrene	19.89	202	3316	0.087	ng/ul#	1
78) Butylbenzylphthalate	20.80	149	631	0.041	ng/ul#	56
79) 3,3'-Dichlorobenzidine	21.69	252	480	0.046	ng/ul#	26
80) Benzo(a)anthracene	21.79	228	2108	0.059	ng/ul#	62
81) Bis(2-ethylhexyl)phthalate	21.67	149	3915	0.174	ng/ul#	92
82) Chrysene	21.85	228	245	0.008	ng/ul#	35
84) Di-n-octyl phthalate	22.92	149	805	0.022	ng/ul	100
85) Benzo(b)fluoranthene	24.04	252	193	0.006	ng/ul#	32
86) Benzo(k)fluoranthene	24.11	252	289	0.009	ng/ul#	60
88) Benzo(a)pyrene	24.95	252	286	0.009	ng/ul#	61
89) Indeno(1,2,3-cd)pyrene	28.87	276	301	0.008	ng/ul#	56
90) Dibenzo(a,h)anthracene	28.94	278	114	0.004	ng/ul#	58
91) Benzo(a,h,i)perylene	30.07	276	549	0.018	ng/ul#	58

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



#2

1,4-Dioxane

Concen: 0.407 ng/uL

RT: 3.58 min Scan# 50

Delta R.T. -0.00 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

Instrument :

BNA_G

ClientSampleId :

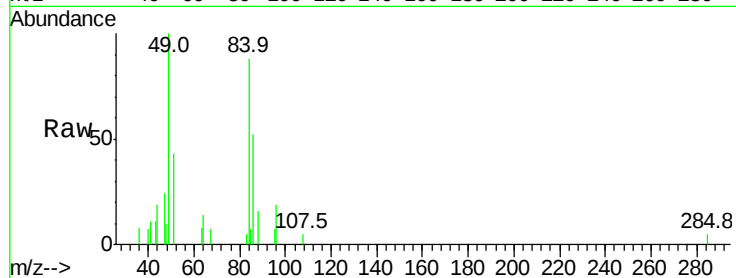
Tot Ion: 88 Resp: 1102

Ion Ratio Lower Upper

88 100

43 66.9 35.0 52.6#

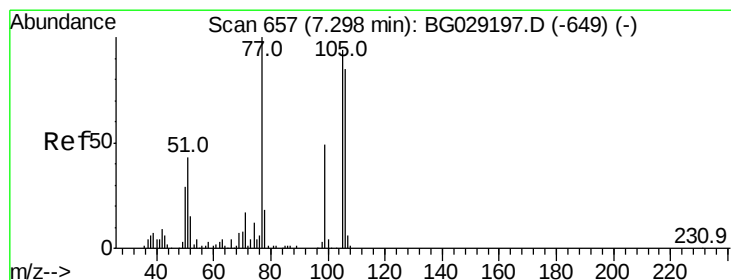
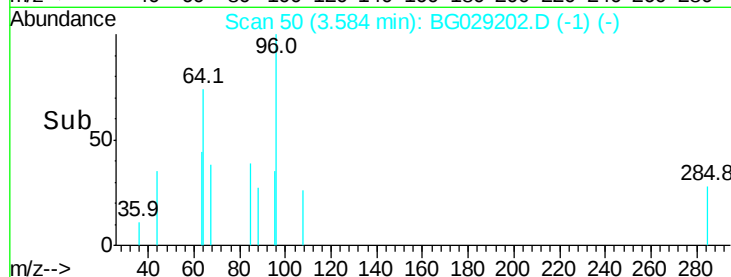
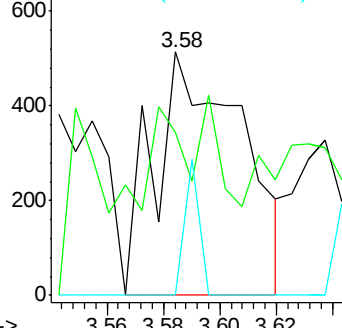
58 0.0 74.0 111.0#



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: 0.034 ng/uL

RT: 7.31 min Scan# 684

Delta R.T. 0.01 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

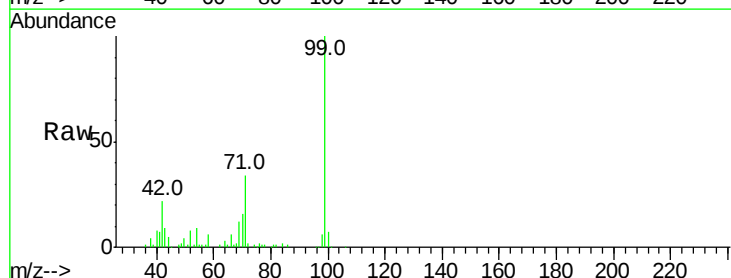
Tgt Ion: 77 Resp: 180

Ion Ratio Lower Upper

77 100

105 0.0 70.5 105.7#

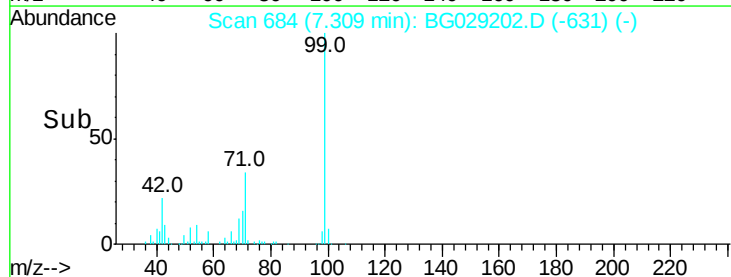
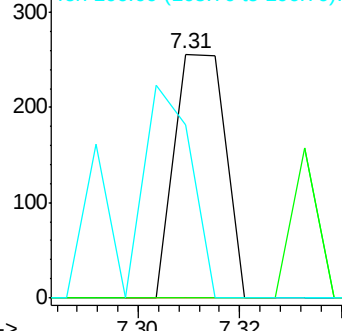
106 71.1 74.1 111.1#

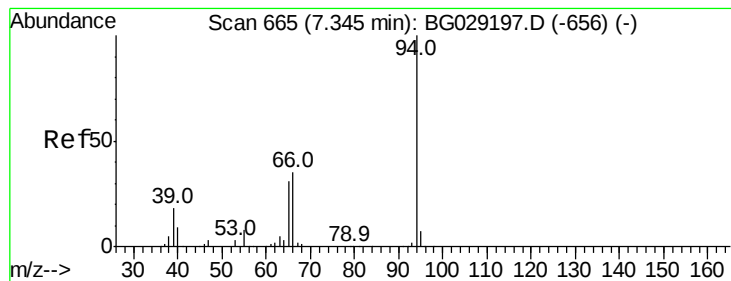


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 0.018 ng/ul

RT: 7.35 min Scan# 691

Delta R.T. 0.01 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

Instrument :

BNA_G

ClientSampleId :

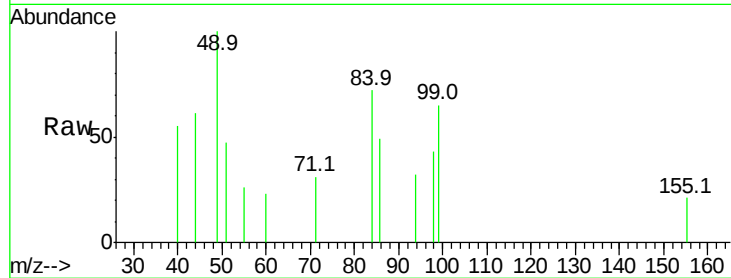
Tot Ion: 94 Resp: 157

Ion Ratio Lower Upper

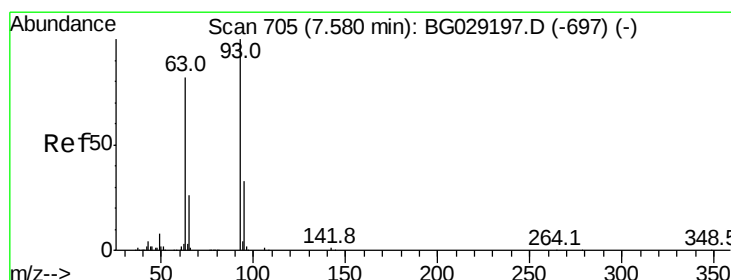
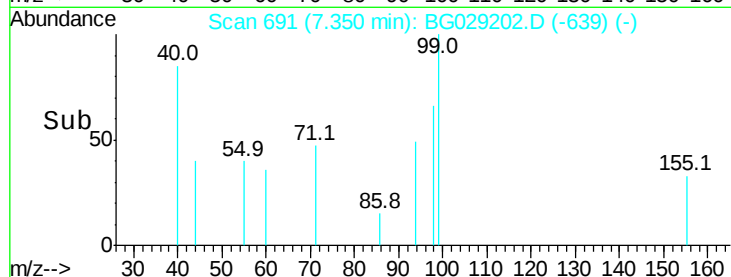
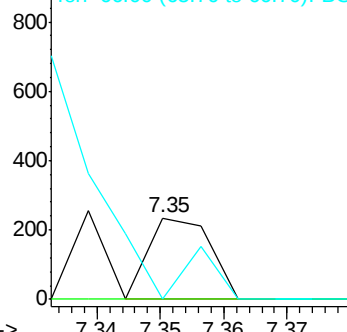
94 100

65 0.0 27.1 40.7#

66 0.0 34.6 52.0#



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



#8

Bis(2-Chloroethyl)ether

Concen: 0.201 ng/ul

RT: 7.58 min Scan# 730

Delta R.T. -0.00 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

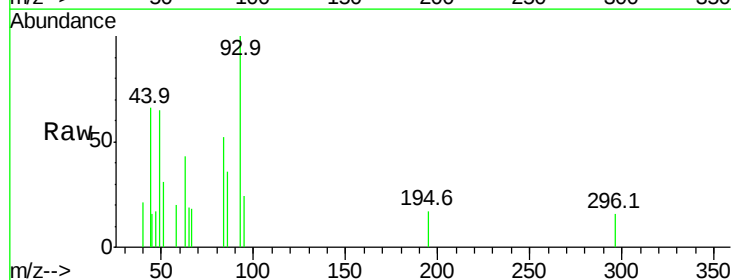
Tgt Ion: 93 Resp: 1370

Ion Ratio Lower Upper

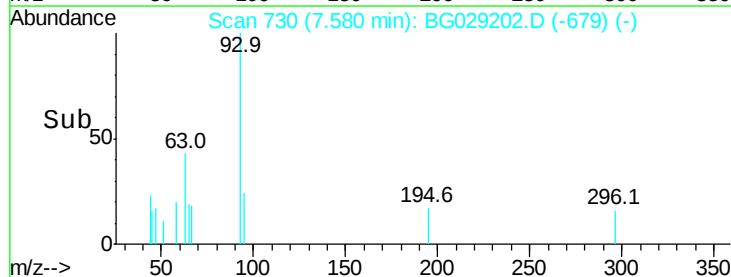
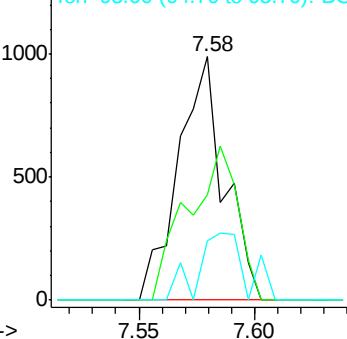
93 100

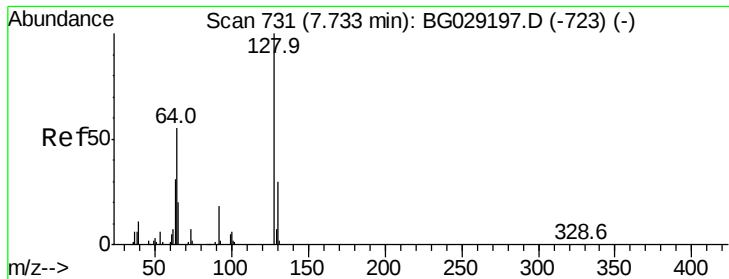
63 43.5 71.8 107.8#

95 24.3 25.2 37.8#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC





#10

2-Chlorophenol

Concen: 0.010 ng/ul

RT: 8.00 min Scan# 802

Delta R.T. 0.27 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

Instrument :

BNA_G

ClientSampleId :

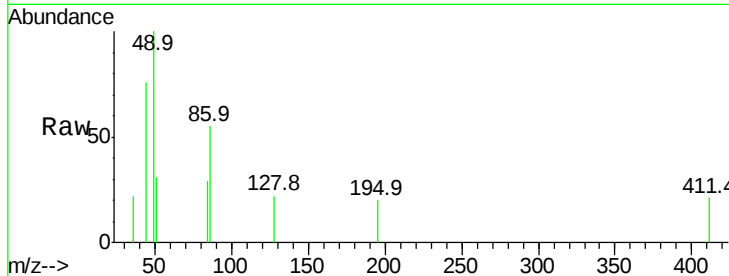
Tot Ion:128 Resp: 60

Ion Ratio Lower Upper

128 100

64 0.0 46.6 69.8#

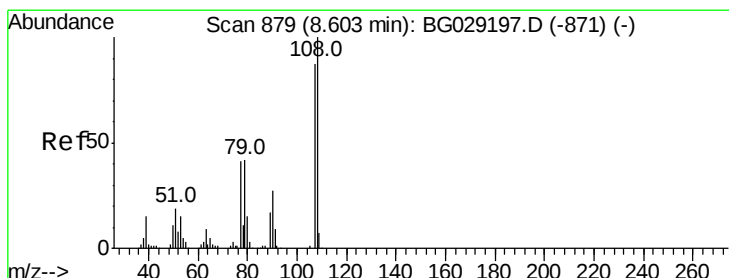
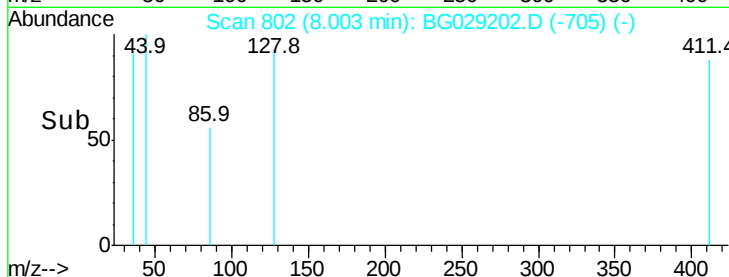
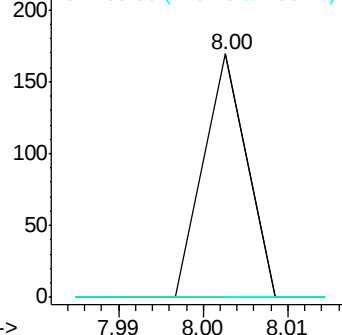
130 0.0 25.8 38.8#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 0.010 ng/ul

RT: 8.82 min Scan# 941

Delta R.T. 0.22 min

Lab File: BG029202.D

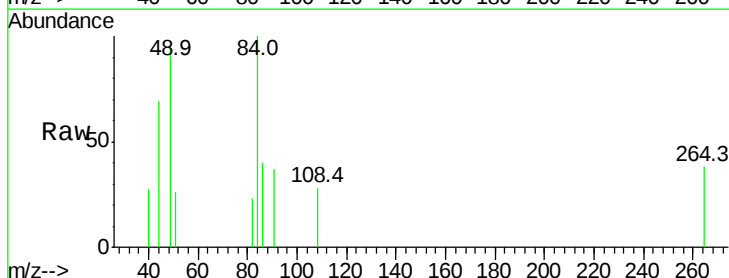
Acq: 13 Oct 2017 22:10

Tgt Ion:108 Resp: 66

Ion Ratio Lower Upper

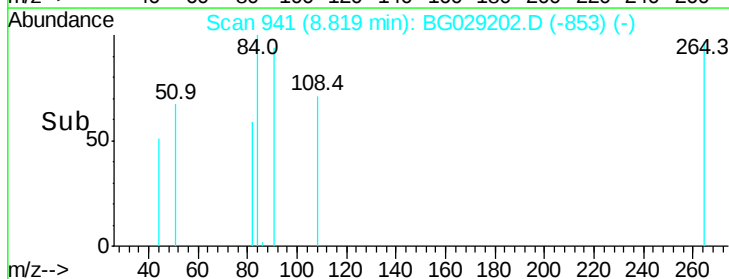
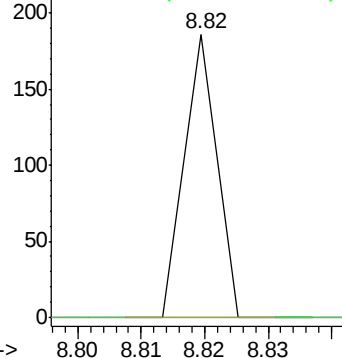
108 100

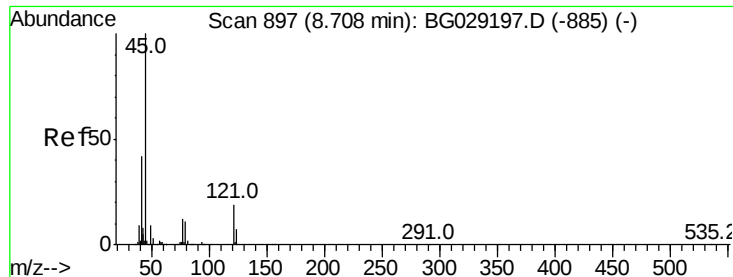
107 0.0 76.7 115.1#



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

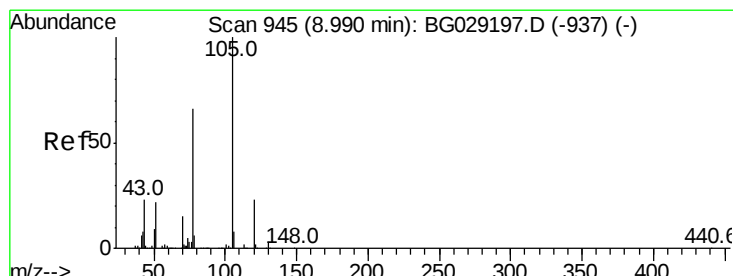
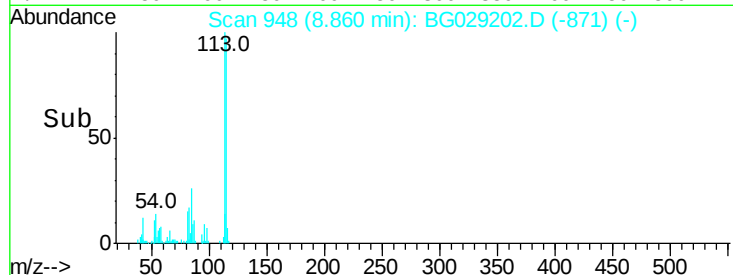
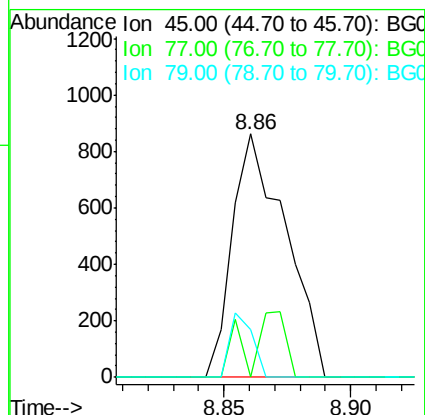
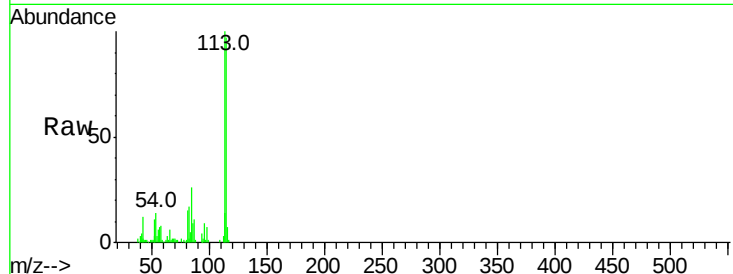




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 0.126 ng/ul
RT: 8.86 min Scan# 948
Delta R.T. 0.15 min
Lab File: BG029202.D
Acq: 13 Oct 2017 22:10

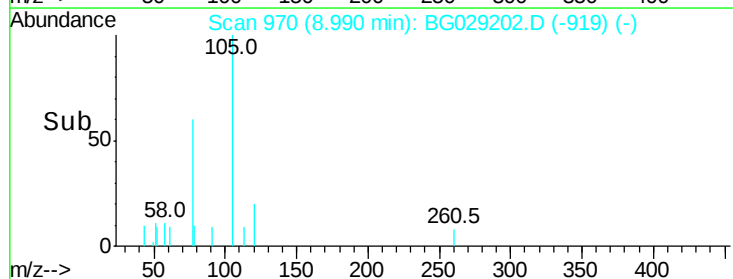
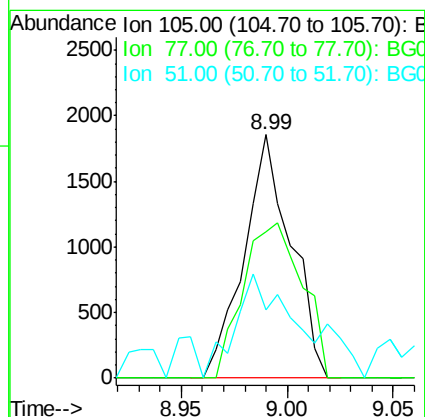
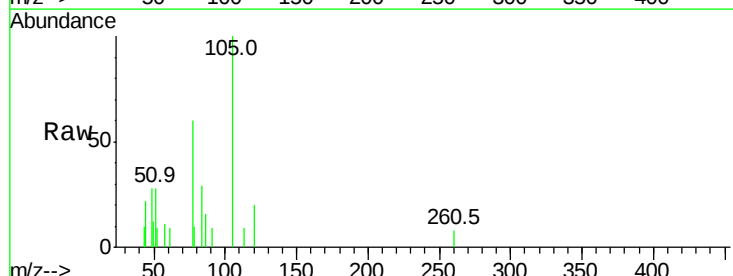
Instrument :
BNA_G
ClientSampleId :

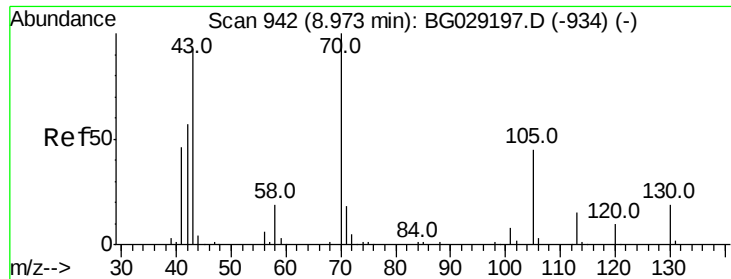
Tot Ion: 45 Resp: 1261
Ion Ratio Lower Upper
45 100
77 0.0 9.5 14.3#
79 19.5 6.8 10.2#



#14
Acetophenone
Concen: 0.268 ng/ul
RT: 8.99 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG029202.D
Acq: 13 Oct 2017 22:10

Tgt Ion:105 Resp: 2867
Ion Ratio Lower Upper
105 100
77 60.0 70.2 105.2#
51 27.8 24.6 36.8





#15

N-Nitroso-di-n-propylamine

Concen: 0.012 ng/ul

RT: 8.98 min Scan# 969

Delta R.T. 0.01 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 70

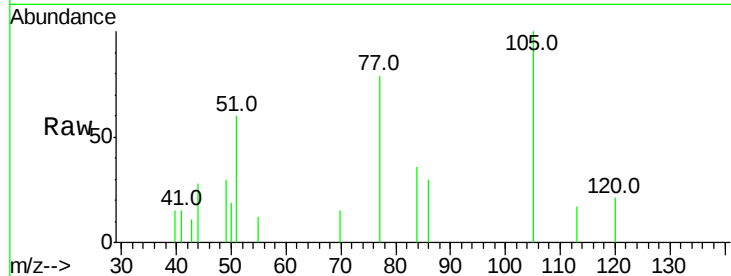
Ion Ratio Lower Upper

70 100

42 0.0 51.7 77.5#

101 0.0 7.6 11.4#

130 0.0 14.6 22.0#

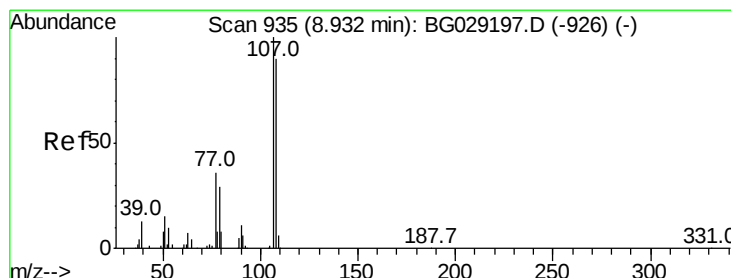
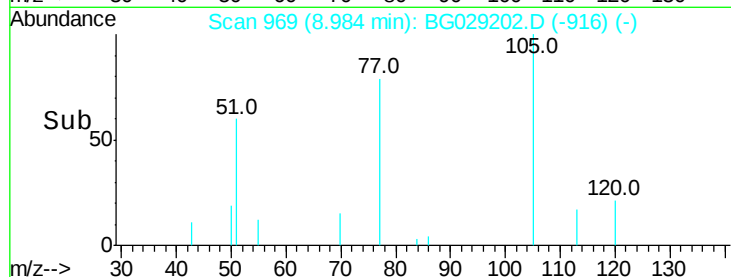
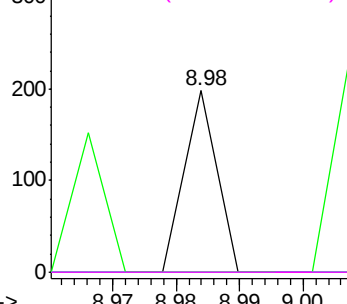


Abundance Ion 70.00 (69.70 to 70.70): BG0

Ion 42.00 (41.70 to 42.70): BG0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 0.009 ng/ul

RT: 8.82 min Scan# 941

Delta R.T. -0.11 min

Lab File: BG029202.D

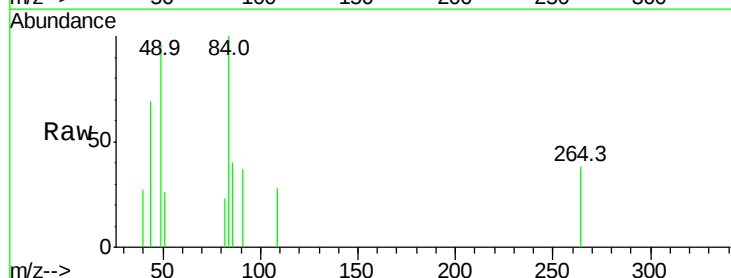
Acq: 13 Oct 2017 22:10

Tgt Ion: 108 Resp: 66

Ion Ratio Lower Upper

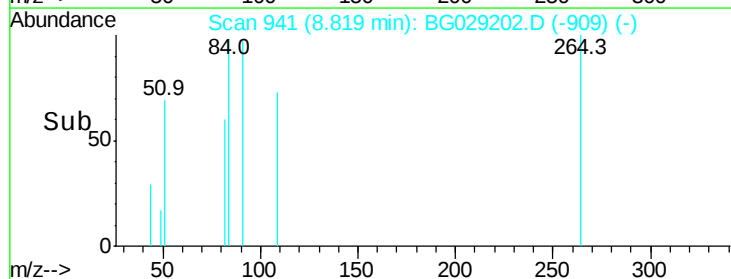
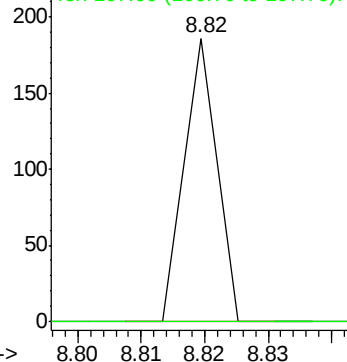
108 100

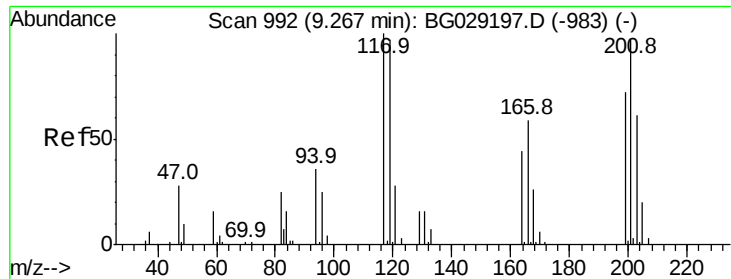
107 0.0 86.5 129.7#



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

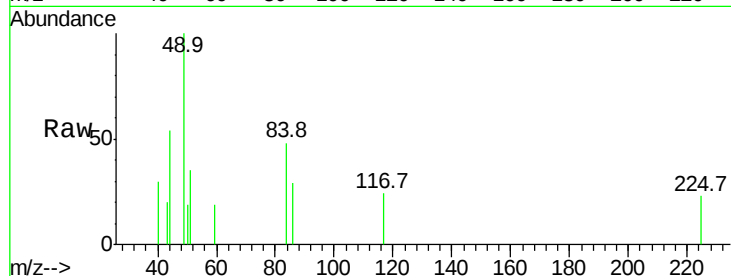




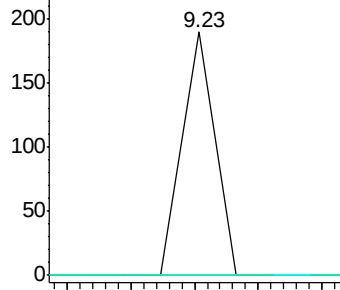
#17
Hexachloroethane
Concen: 0.027 ng/ul
RT: 9.23 min Scan# 1011
Delta R.T. -0.04 min
Lab File: BG029202.D
Acq: 13 Oct 2017 22:10

Instrument :
BNA_G
ClientSampled :

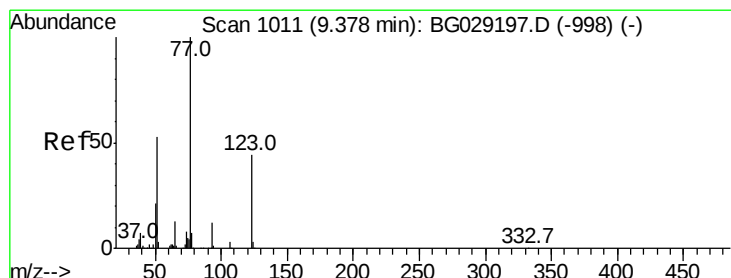
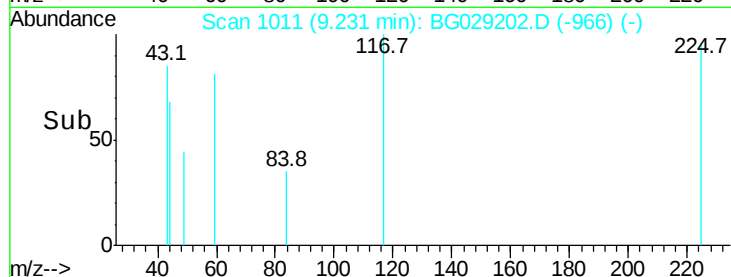
Tot Ion:117 Resp: 67
Ion Ratio Lower Upper
117 100
201 0.0 88.1 132.1#
199 0.0 55.8 83.6#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

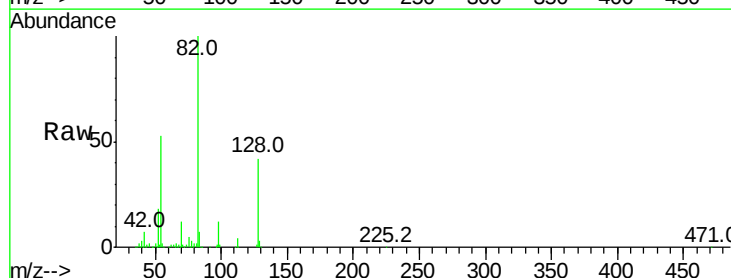


Time-->

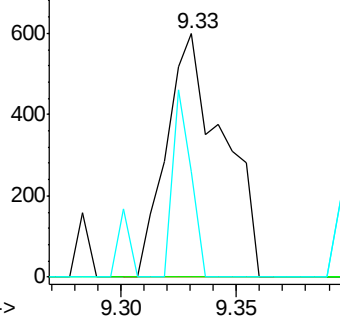


#20
Nitrobenzene
Concen: 0.134 ng/ul
RT: 9.33 min Scan# 1028
Delta R.T. -0.05 min
Lab File: BG029202.D
Acq: 13 Oct 2017 22:10

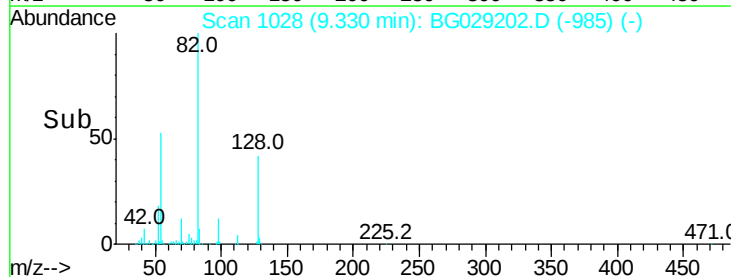
Tgt Ion: 77 Resp: 1013
Ion Ratio Lower Upper
77 100
123 0.0 28.6 43.0#
65 43.2 11.2 16.8#

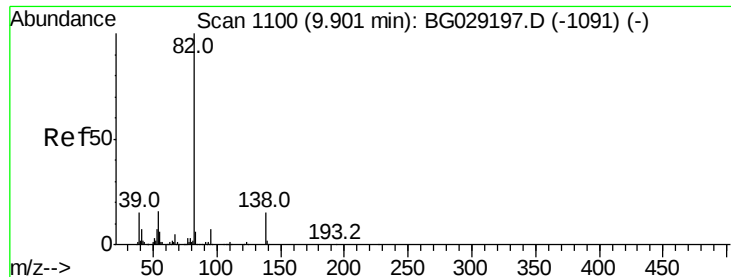


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BGC



Time-->





#21

Isophorone

Concen: 0.003 ng/ul

RT: 9.98 min Scan# 1138

Delta R.T. 0.08 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

Instrument :

BNA_G

ClientSampleId :

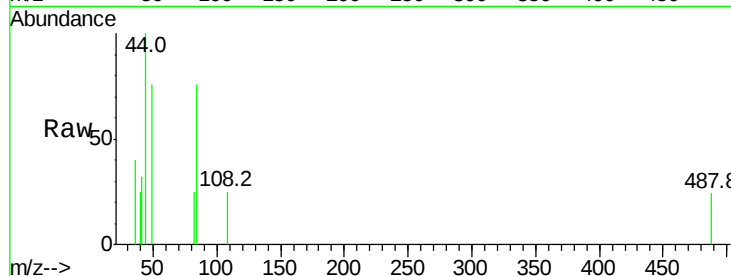
Tot Ion: 82 Resp: 56

Ion Ratio Lower Upper

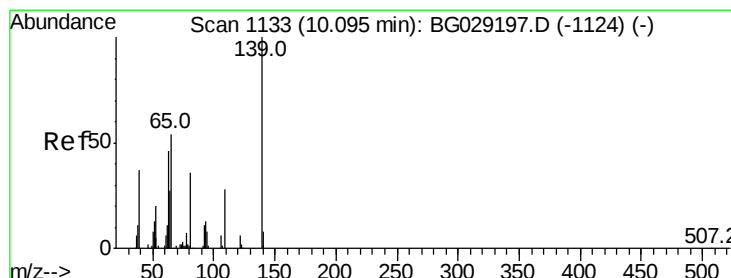
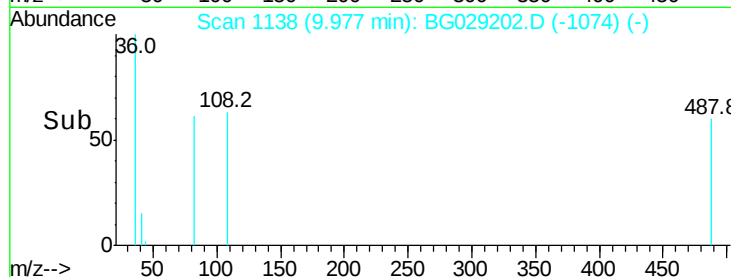
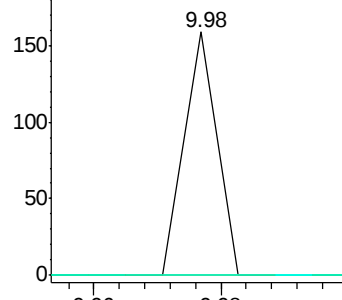
82 100

95 0.0 6.5 9.7#

138 0.0 13.3 19.9#



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



#23

2-Nitrophenol

Concen: 0.019 ng/ul

RT: 10.11 min Scan# 1160

Delta R.T. 0.01 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

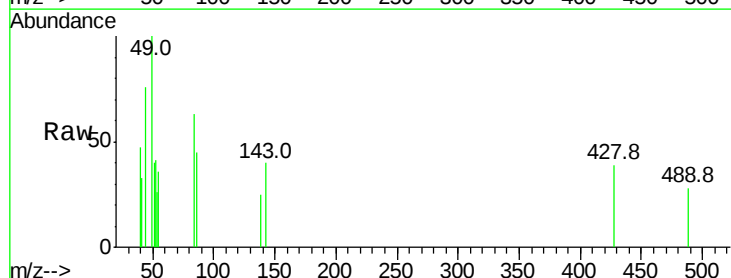
Tgt Ion: 139 Resp: 60

Ion Ratio Lower Upper

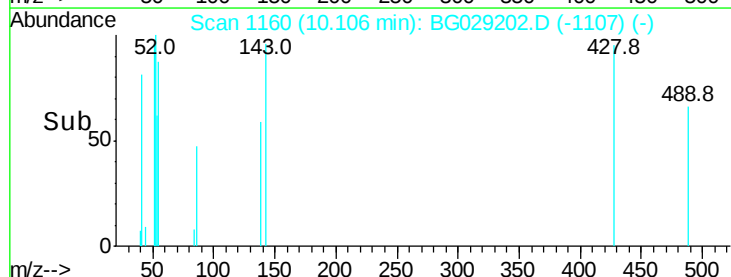
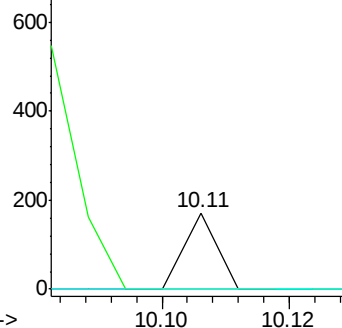
139 100

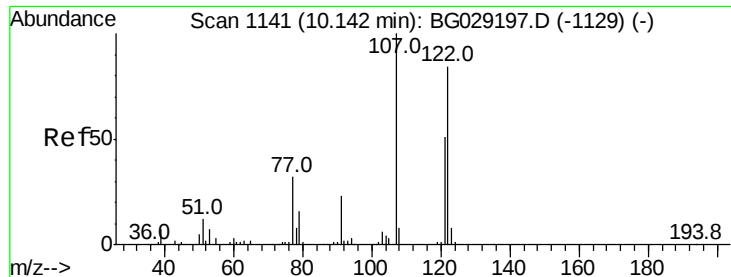
65 0.0 55.0 82.6#

109 0.0 31.2 46.8#



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

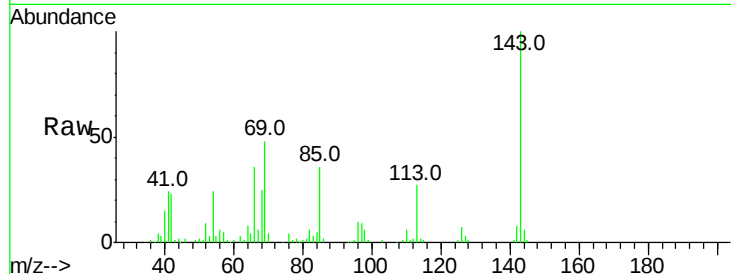




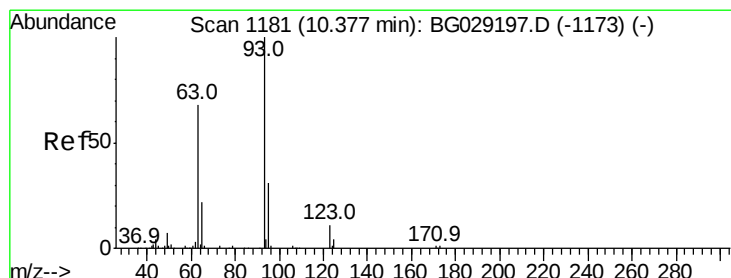
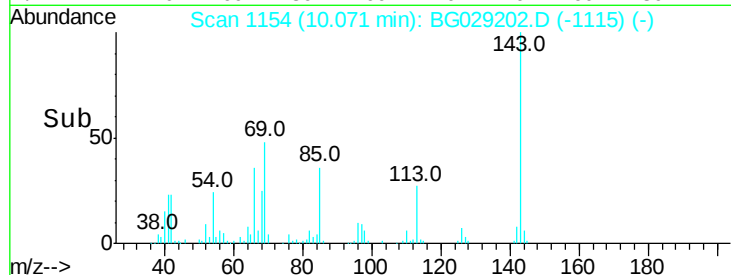
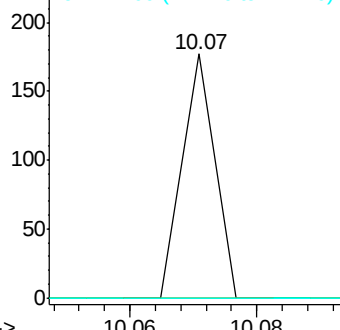
#24
 2,4-Dimethylphenol
 Concen: 0.008 ng/ul
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.07 min
 Lab File: BG029202.D
 Acq: 13 Oct 2017 22:10

Instrument :
 BNA_G
 ClientSampled :

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

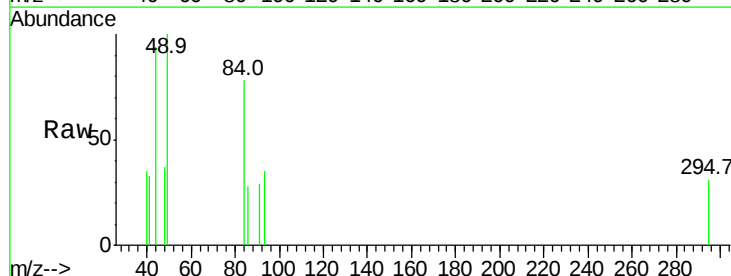


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E
 Ion 122.00 (121.70 to 122.70): E

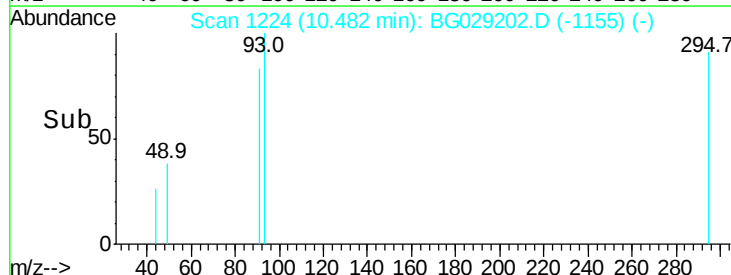
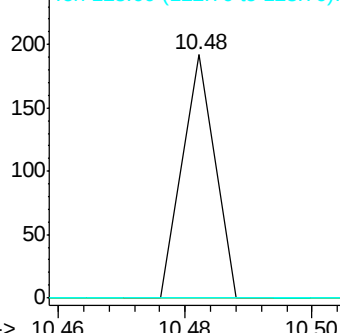


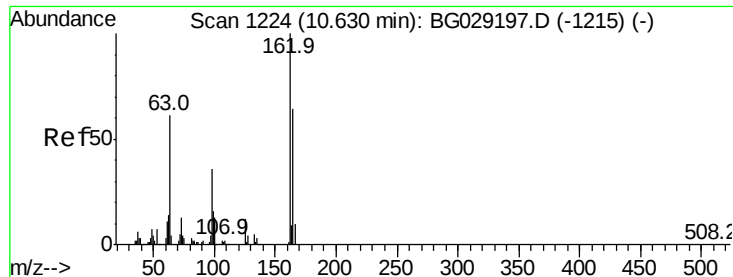
#25
 Bis(2-Chloroethoxy)methane
 Concen: 0.007 ng/ul
 RT: 10.48 min Scan# 1224
 Delta R.T. 0.11 min
 Lab File: BG029202.D
 Acq: 13 Oct 2017 22:10

Tgt 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): E

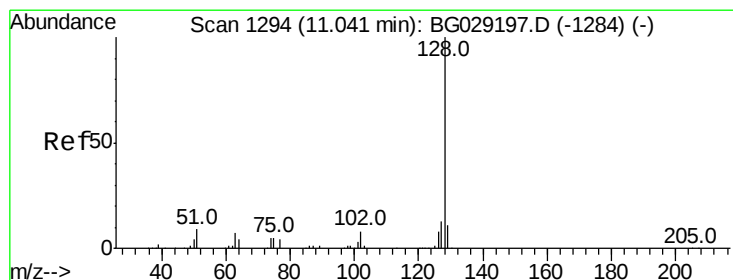
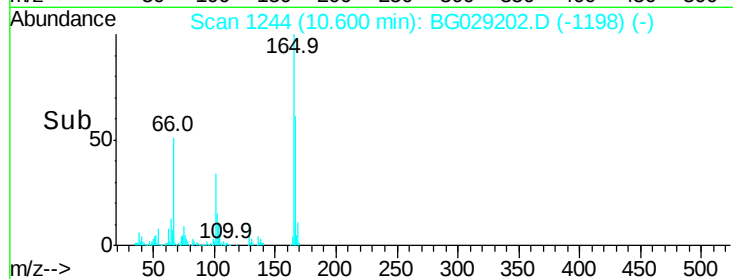
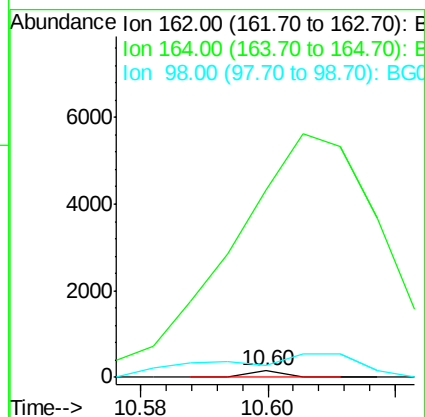
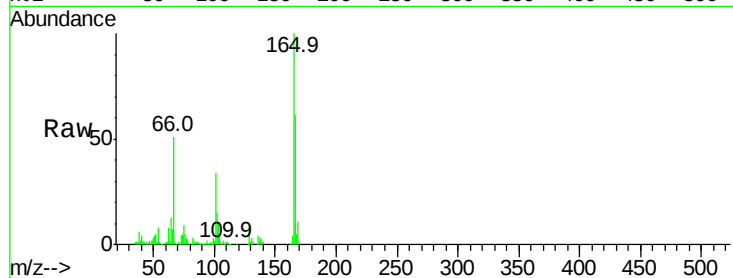




#27
2,4-Dichlorophenol
Concen: 0.009 ng/ul
RT: 10.60 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BG029202.D
Acq: 13 Oct 2017 22:10

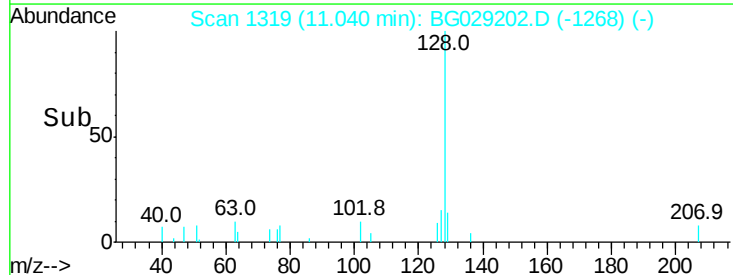
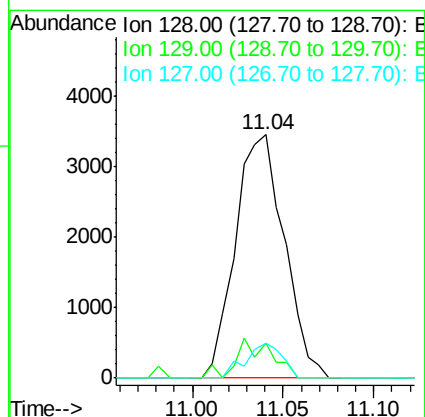
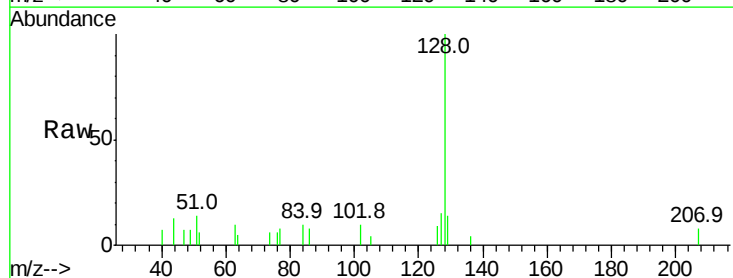
Instrument :
BNA_G
ClientSampleId :

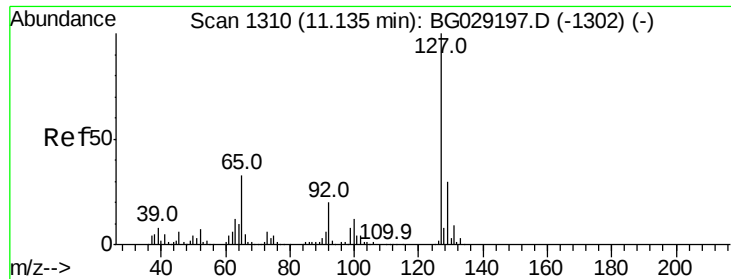
Tot Ion:162 Resp: 54
Ion Ratio Lower Upper
162 100
164 2816.2 49.7 74.5#
98 183.8 26.6 40.0#



#28
Naphthalene
Concen: 0.315 ng/ul
RT: 11.04 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG029202.D
Acq: 13 Oct 2017 22:10

Tgt Ion:128 Resp: 6458
Ion Ratio Lower Upper
128 100
129 14.4 9.3 13.9#
127 14.6 10.7 16.1

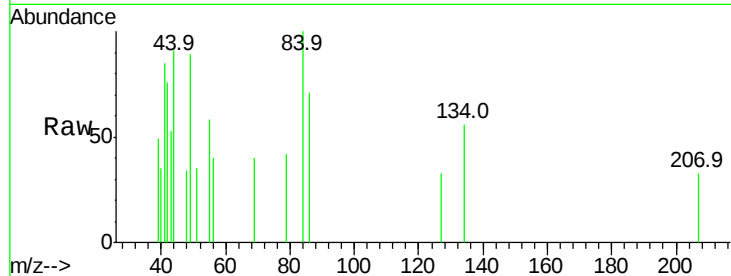




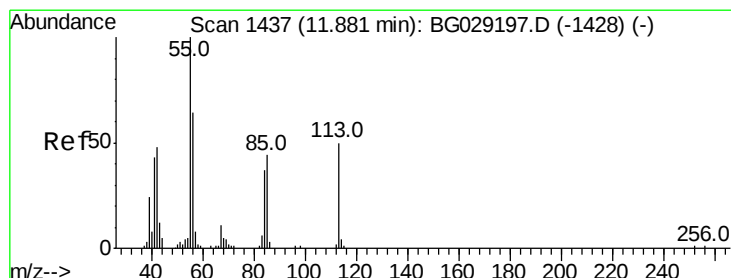
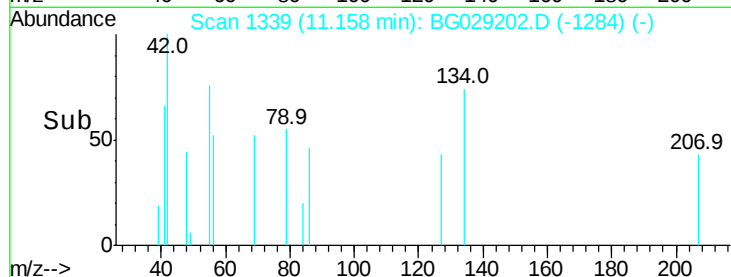
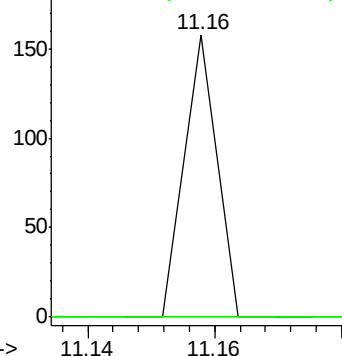
#30
4-Chloroaniline
Concen: 0.008 ng/ul
RT: 11.16 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BG029202.D
Acq: 13 Oct 2017 22:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 56
Ion Ratio Lower Upper
127 100
129 0.0 23.9 35.9#

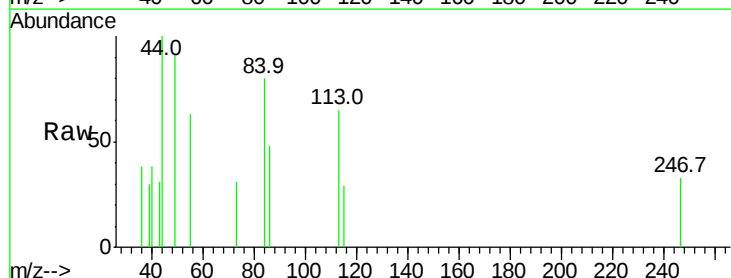


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

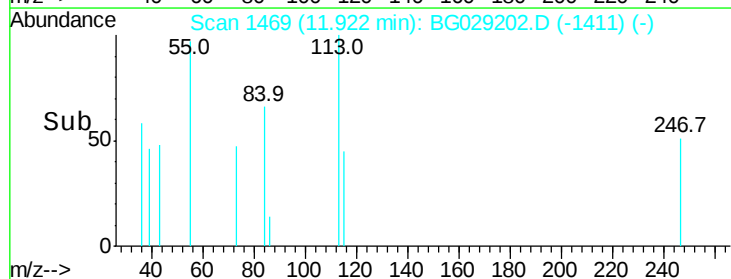
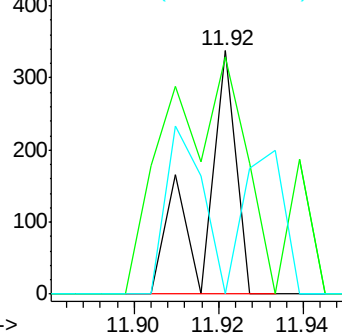


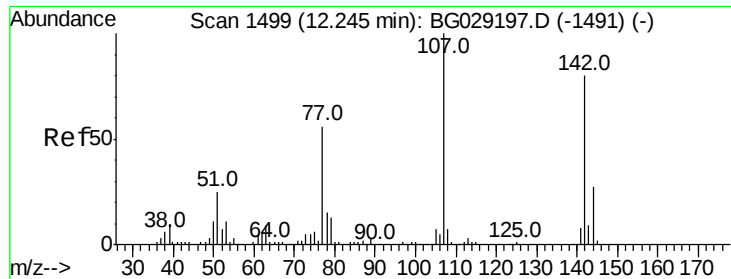
#32
Caprolactam
Concen: 0.067 ng/ul
RT: 11.92 min Scan# 1469
Delta R.T. 0.04 min
Lab File: BG029202.D
Acq: 13 Oct 2017 22:10

Tgt Ion:113 Resp: 178
Ion Ratio Lower Upper
113 100
55 97.3 146.5 219.7#
56 0.0 107.6 161.4#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG029197.D (-1428) (-)
Ion 56.00 (55.70 to 56.70): BG029197.D (-1428) (-)

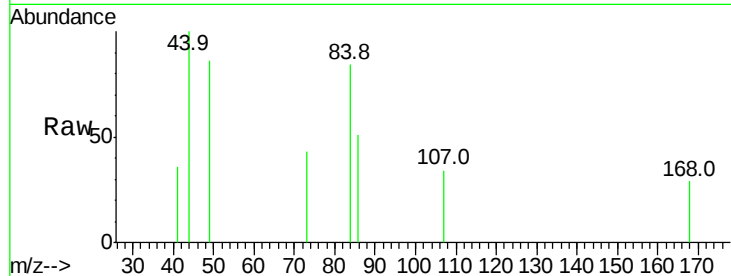




#33
 4-Chloro-3-methylphenol
 Concen: 0.009 ng/ul
 RT: 12.24 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BG029202.D
 Acq: 13 Oct 2017 22:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
144	0.0	18.0	27.0#
142	0.0	60.5	90.7#

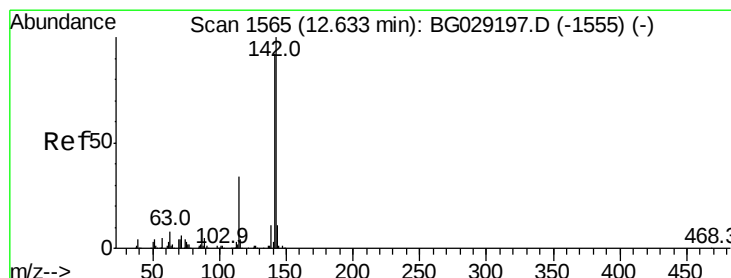
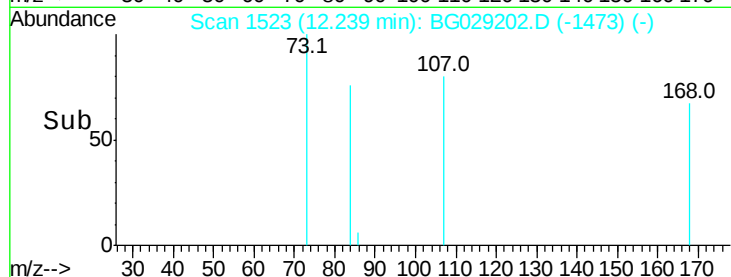
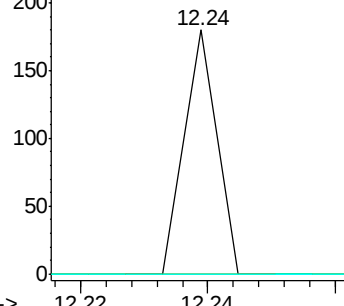


Abundance

Ion 107.00 (106.70 to 107.70): E

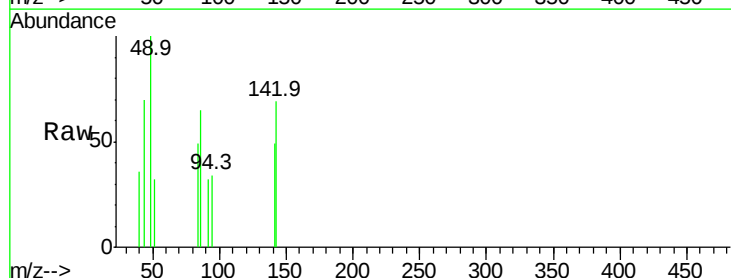
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#34
 2-Methylnaphthalene
 Concen: 0.015 ng/ul
 RT: 12.63 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BG029202.D
 Acq: 13 Oct 2017 22:10

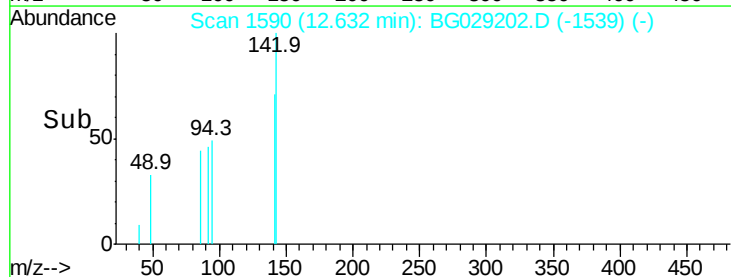
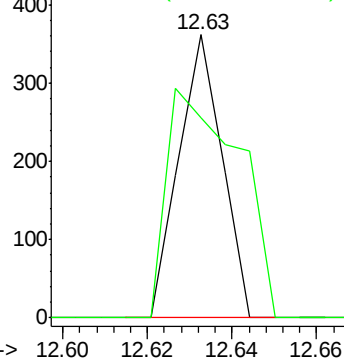
Tgt Ion	Ratio	Lower	Upper
142	100		
141	70.7	75.4	113.0#

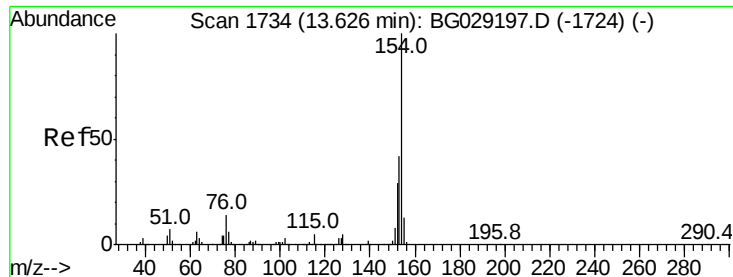


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#40

1,1'-Biphenyl

Concen: 0.008 ng/ul

RT: 13.63 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

Instrument :

BNA_G

ClientSampleId :

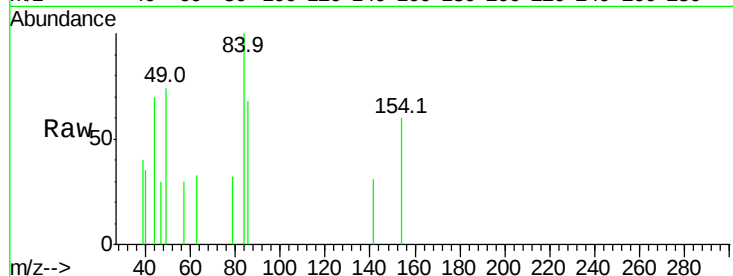
Tot Ion:154 Resp: 163

Ion Ratio Lower Upper

154 100

153 0.0 34.6 52.0#

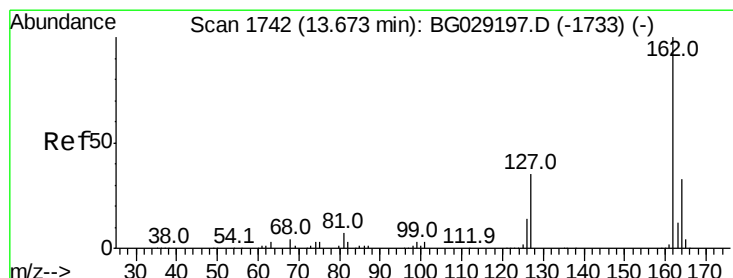
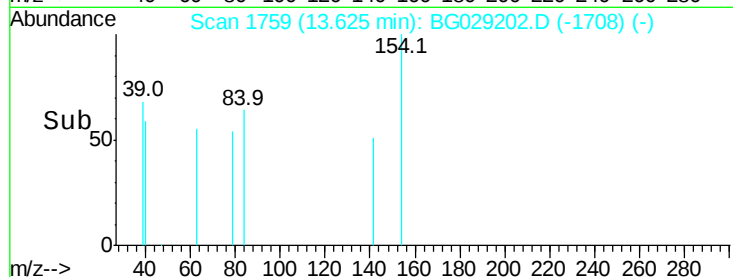
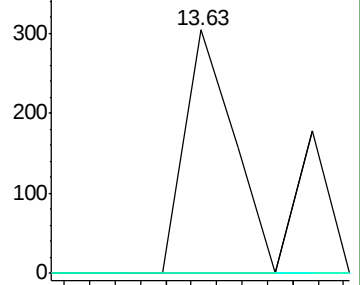
76 0.0 10.6 15.8#



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): BGC



#41

2-Chloronaphthalene

Concen: 0.014 ng/ul

RT: 13.73 min Scan# 1776

Delta R.T. 0.05 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

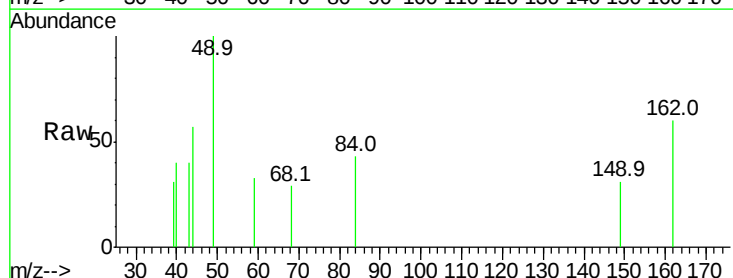
Tgt Ion:162 Resp: 202

Ion Ratio Lower Upper

162 100

164 0.0 25.0 37.6#

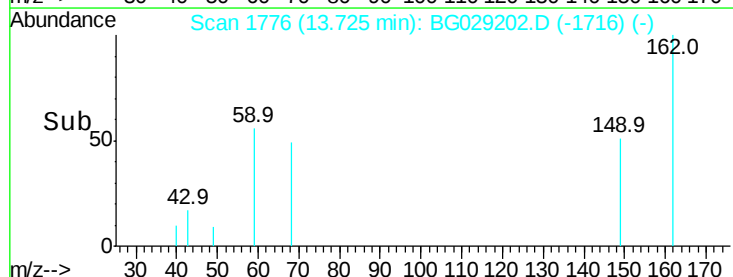
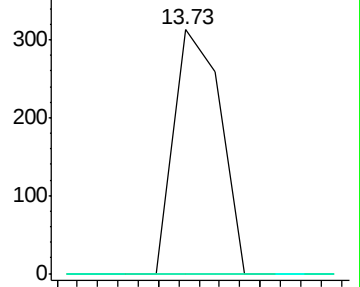
127 0.0 30.6 46.0#

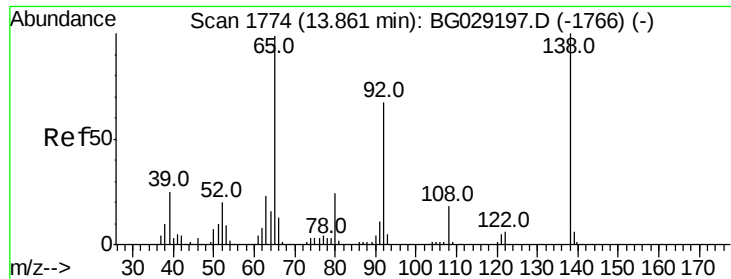


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E





#42

2-Nitroaniline

Concen: 0.012 ng/ul

RT: 13.86 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

Instrument :

BNA_G

ClientSampleId :

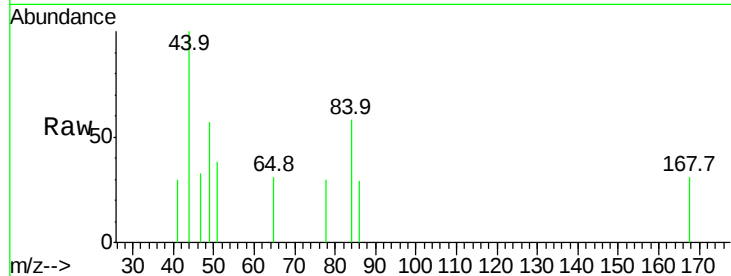
Tot Ion: 65 Resp: 58

Ion Ratio Lower Upper

65 100

92 0.0 55.3 82.9#

138 0.0 70.3 105.5#



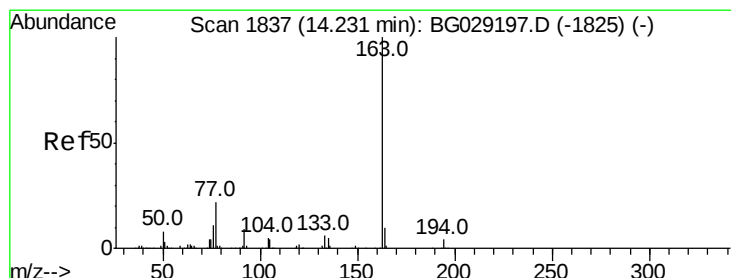
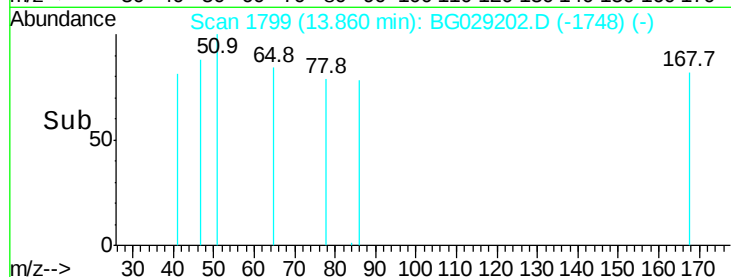
Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC

13.86

Time--> 13.84 13.86



#44

Dimethylphthalate

Concen: 0.012 ng/ul

RT: 14.24 min Scan# 1863

Delta R.T. 0.01 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

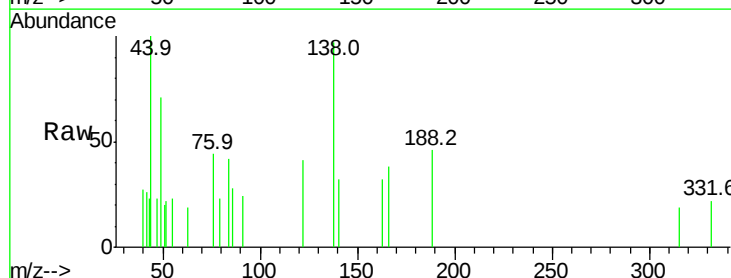
Tgt Ion:163 Resp: 248

Ion Ratio Lower Upper

163 100

194 0.0 3.5 5.3#

164 0.0 7.6 11.4#



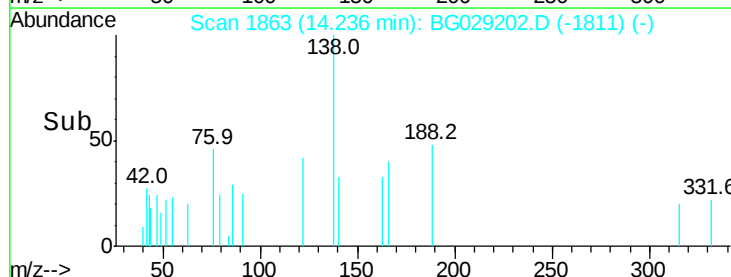
Abundance Ion 163.00 (162.70 to 163.70): E

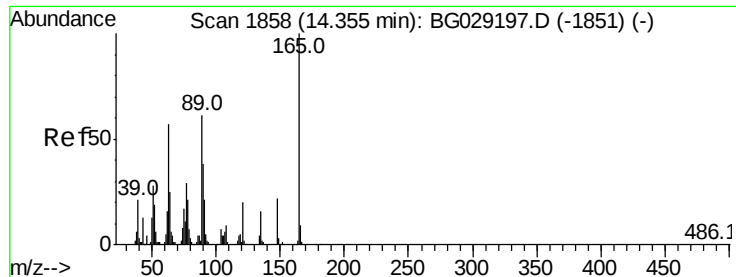
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

14.24

Time--> 14.22 14.24





#45

2,6-Dinitrotoluene

Concen: 0.016 ng/ul

RT: 14.34 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

Instrument :

BNA_G

ClientSampleId :

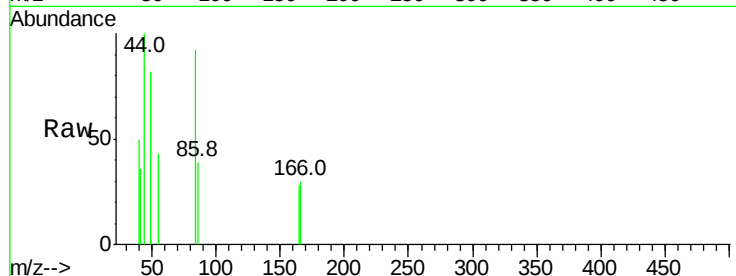
Tot Ion:165 Resp: 54

Ion Ratio Lower Upper

165 100

89 0.0 51.1 76.7#

121 0.0 17.2 25.8#

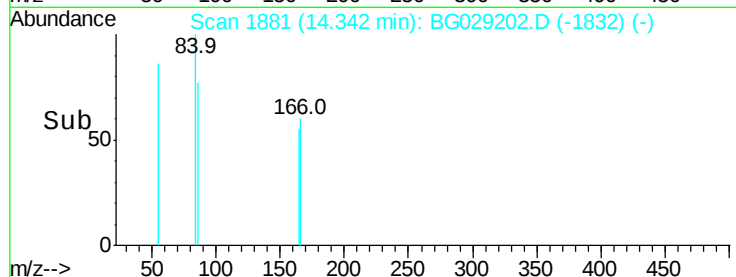
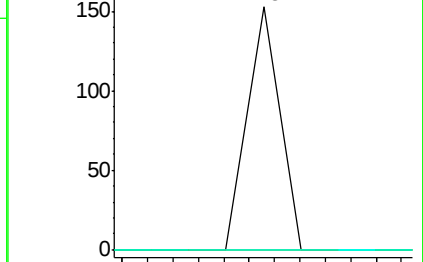


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E

14.34



#47

Acenaphthylene

Concen: 0.002 ng/ul

RT: 14.50 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

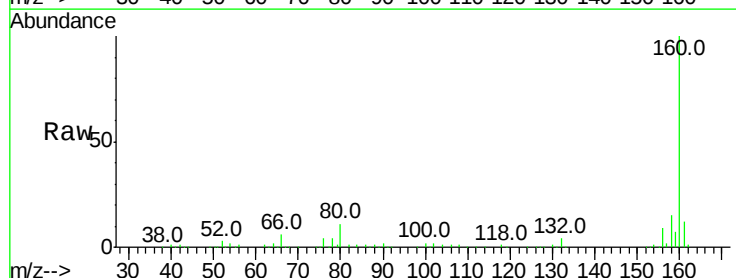
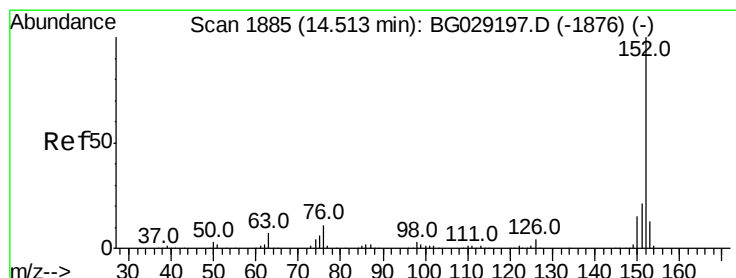
Tgt Ion:152 Resp: 61

Ion Ratio Lower Upper

152 100

151 0.0 15.2 22.8#

153 90.1 10.2 15.4#

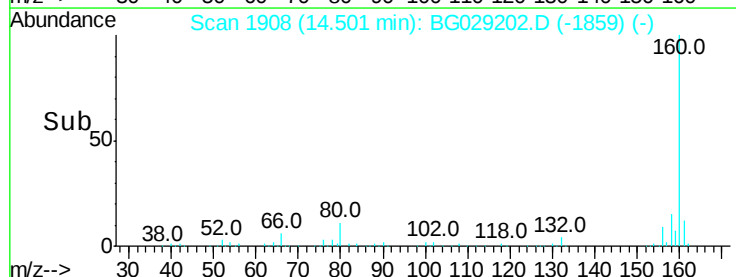
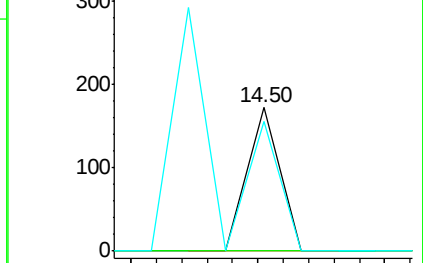


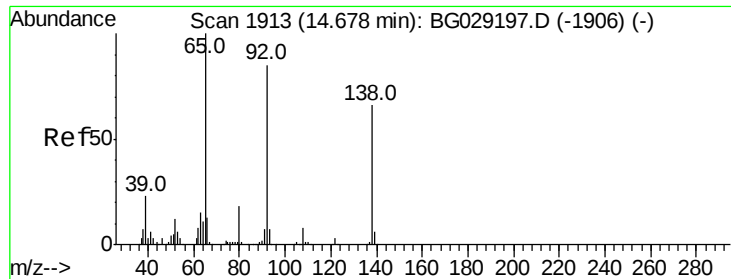
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.50





#48

3-Nitroaniline

Concen: 0.015 ng/ul

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

Instrument :

BNA_G

ClientSampleId :

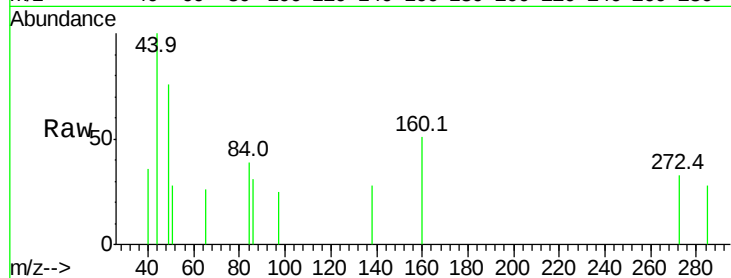
Tot Ion:138 Resp: 58

Ion Ratio Lower Upper

138 100

108 0.0 10.5 15.7#

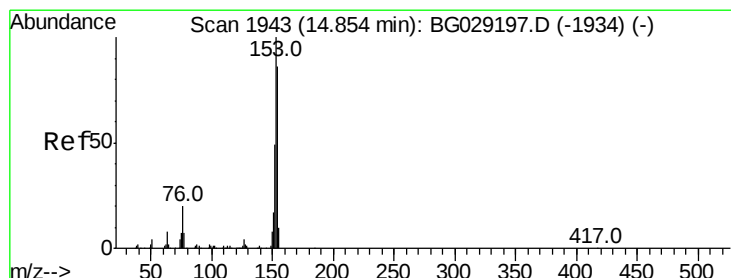
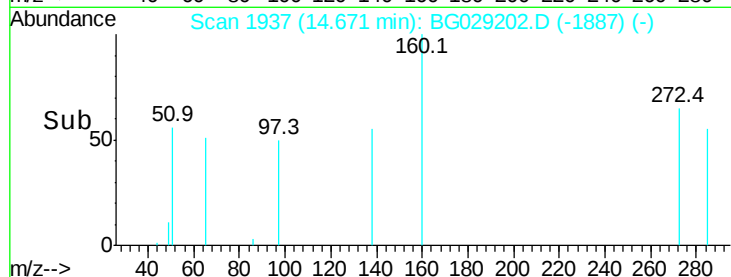
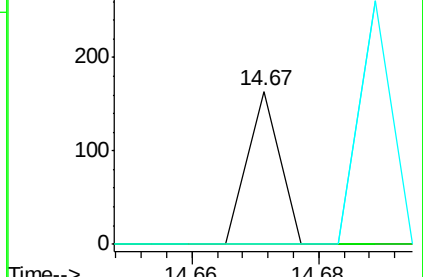
92 0.0 107.8 161.8#



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): B



#49

Acenaphthene

Concen: 0.114 ng/ul

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

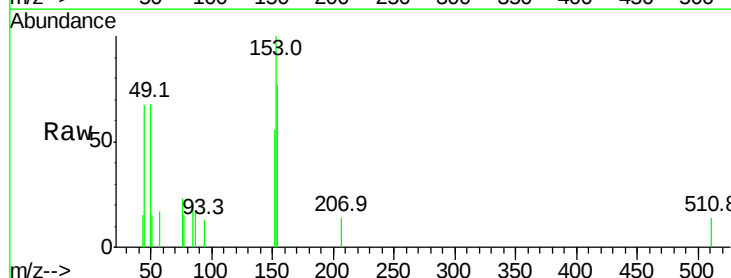
Tgt Ion:153 Resp: 1967

Ion Ratio Lower Upper

153 100

152 56.4 38.2 57.2

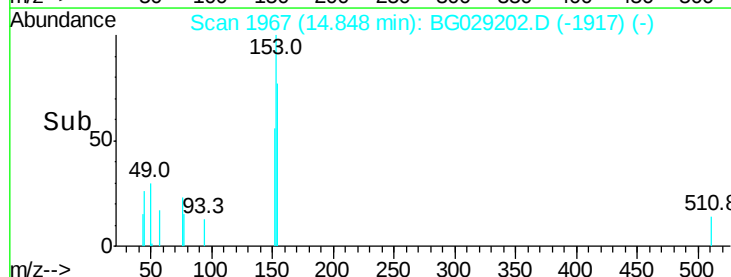
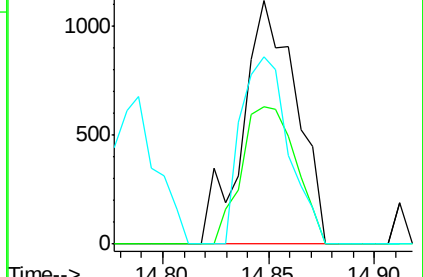
154 76.9 70.6 105.8

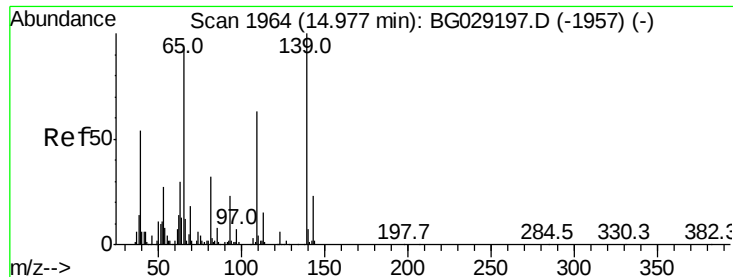


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 0.033 ng/ul

RT: 14.78 min Scan# 1956

Delta R.T. -0.19 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

Instrument :

BNA_G

ClientSampleId :

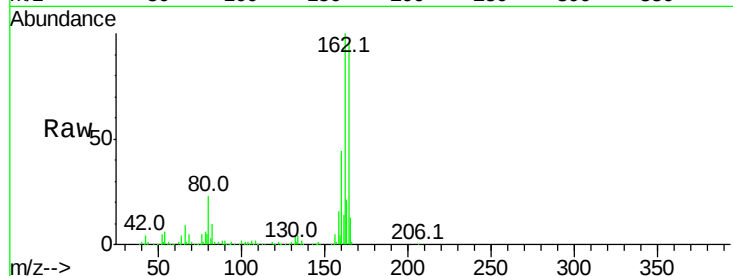
Tot Ion:109 Resp: 93

Ion Ratio Lower Upper

109 100

139 0.0 89.5 134.3#

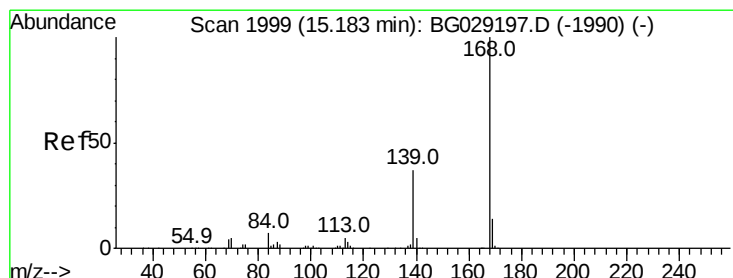
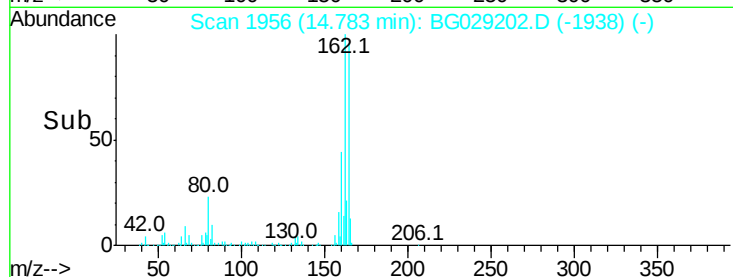
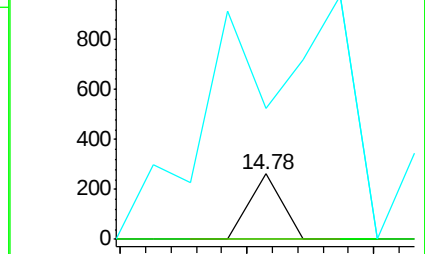
65 199.2 98.3 147.5#



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): BGC



#53

Dibenzofuran

Concen: 0.073 ng/ul

RT: 15.18 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BG029202.D

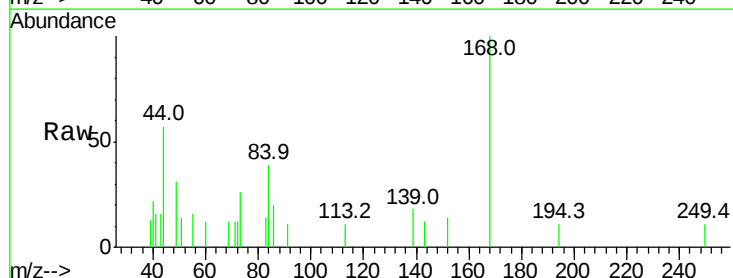
Acq: 13 Oct 2017 22:10

Tgt Ion:168 Resp: 1719

Ion Ratio Lower Upper

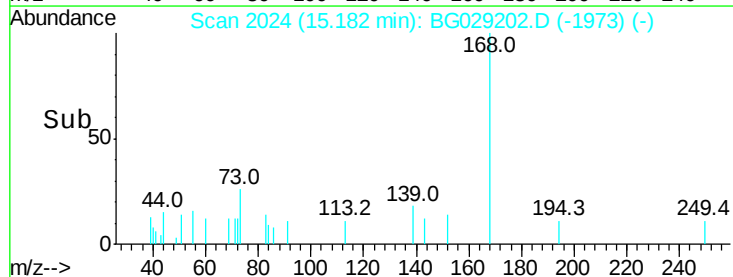
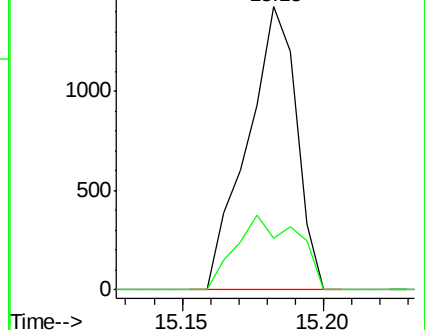
168 100

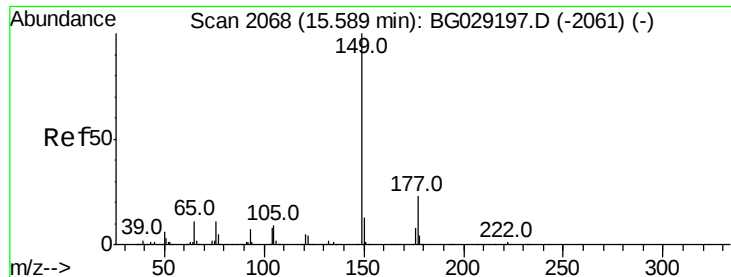
139 18.5 31.4 47.2#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#56

Diethylphthalate

Concen: 0.092 ng/ul

RT: 15.59 min Scan# 2093

Delta R.T. -0.00 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

Instrument :

BNA_G

ClientSampleId :

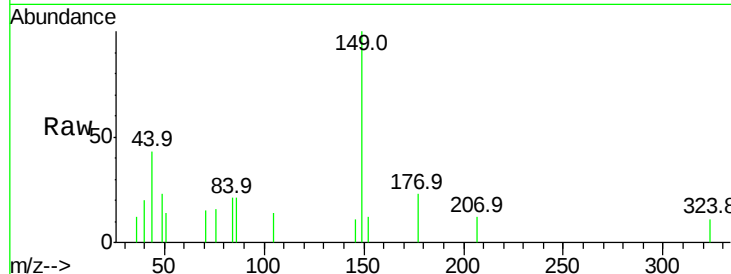
Tot Ion:149 Resp: 1878

Ion Ratio Lower Upper

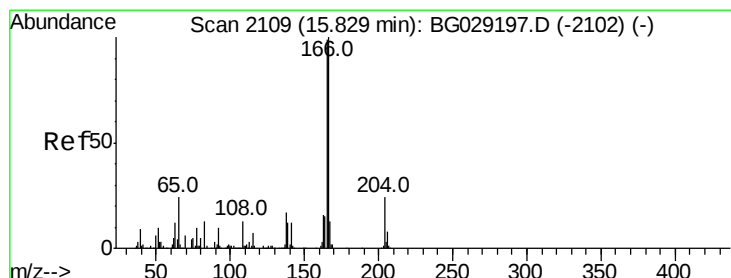
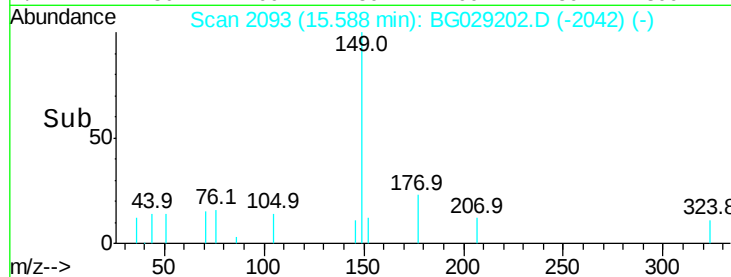
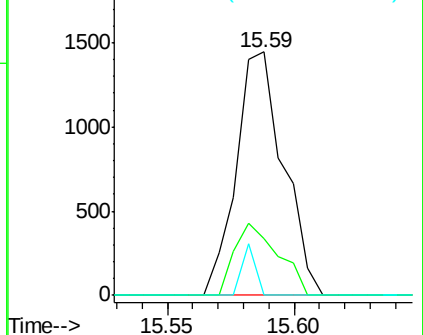
149 100

177 23.2 17.8 26.6

150 0.0 9.8 14.8#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 0.056 ng/ul

RT: 15.83 min Scan# 2135

Delta R.T. 0.01 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

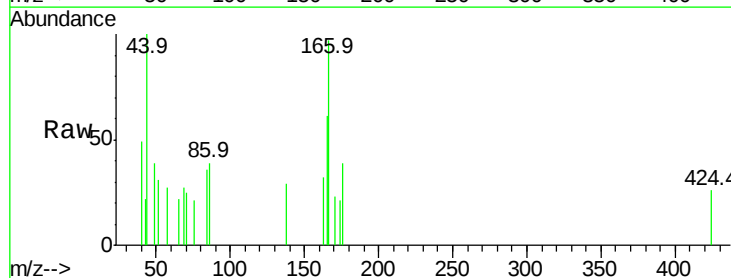
Tgt Ion:166 Resp: 1056

Ion Ratio Lower Upper

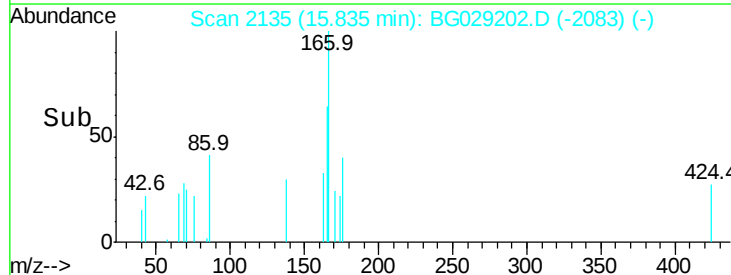
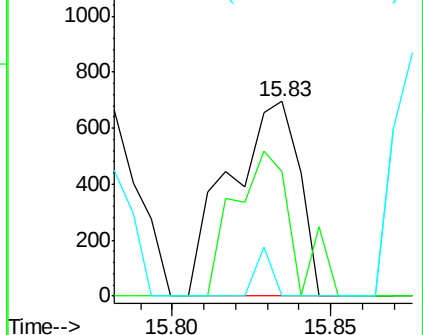
166 100

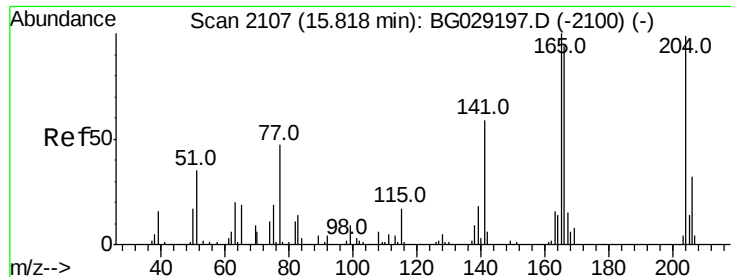
165 63.6 79.9 119.9#

167 0.0 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

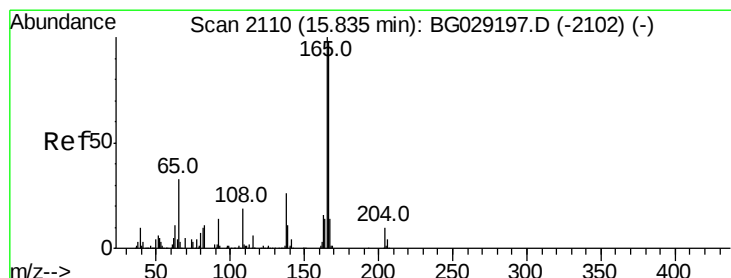
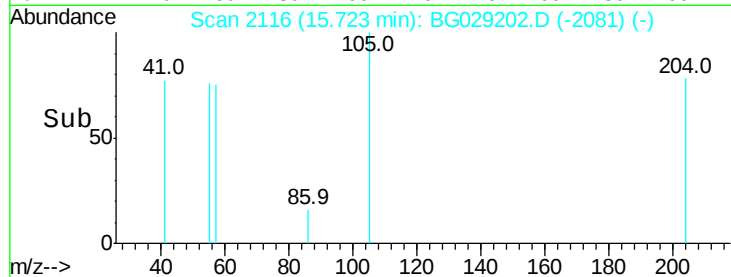
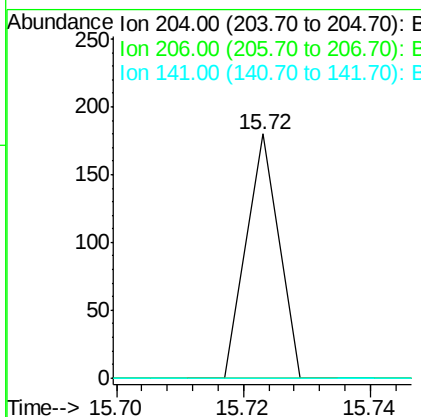
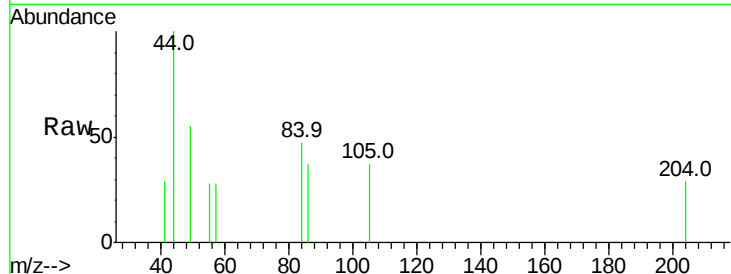




#59
 4-Chlorophenyl-phenylether
 Concen: 0.007 ng/ul
 RT: 15.72 min Scan# 2116
 Delta R.T. -0.09 min
 Lab File: BG029202.D
 Acq: 13 Oct 2017 22:10

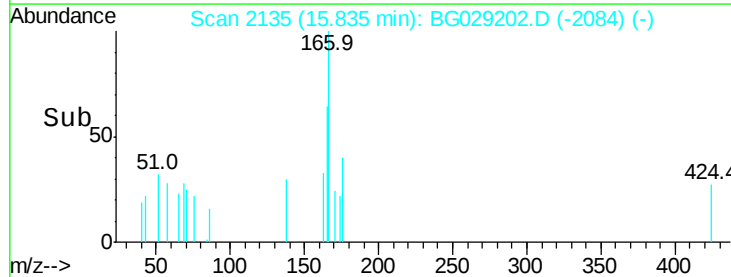
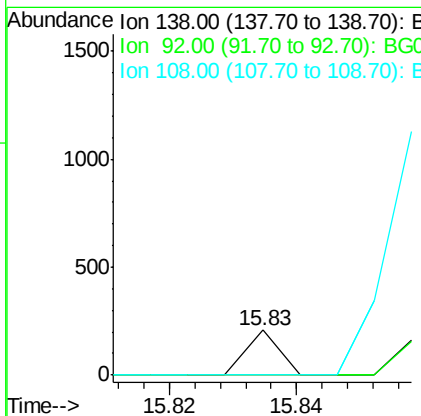
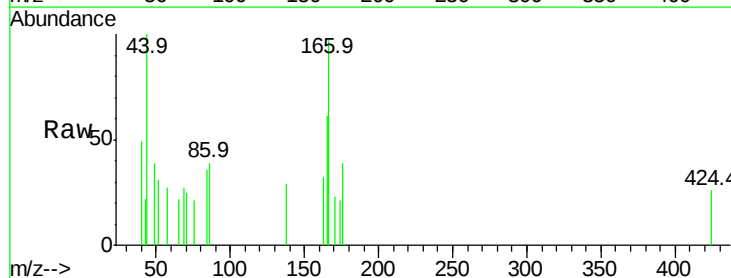
Instrument :
 BNA_G
 ClientSampled :

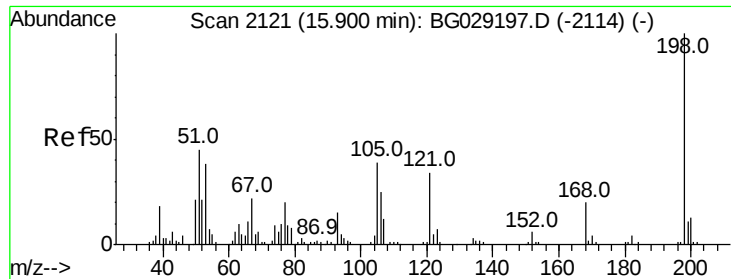
Tot Ion:204 Resp: 63
 Ion Ratio Lower Upper
 204 100
 206 0.0 29.8 44.8#
 141 0.0 49.2 73.8#



#60
 4-Nitroaniline
 Concen: 0.016 ng/ul
 RT: 15.83 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: BG029202.D
 Acq: 13 Oct 2017 22:10

Tgt Ion:138 Resp: 73
 Ion Ratio Lower Upper
 138 100
 92 0.0 44.2 66.2#
 108 0.0 63.7 95.5#

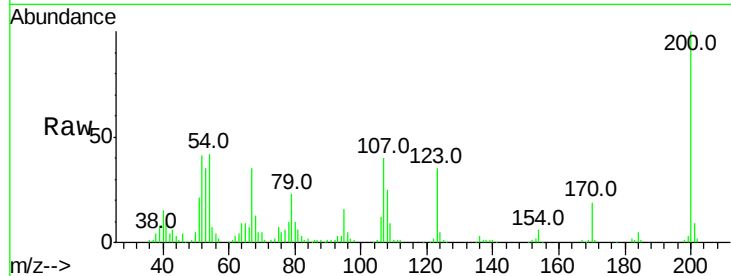




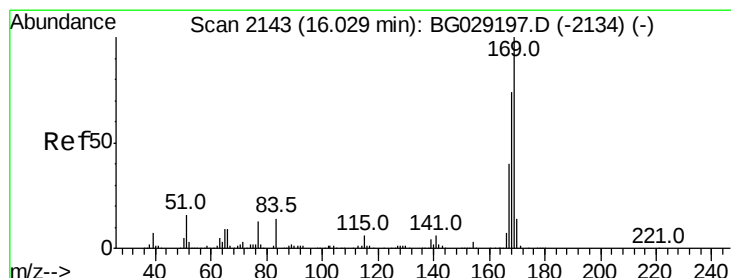
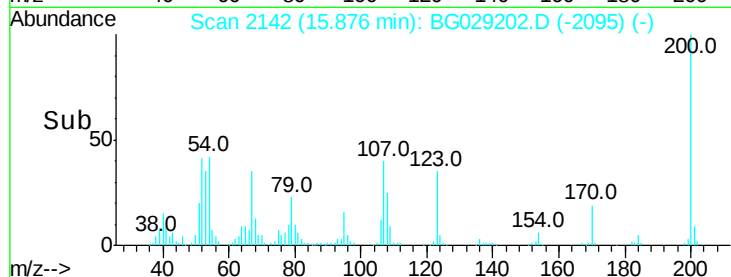
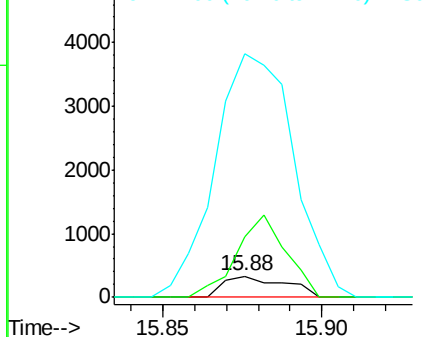
#63
 4,6-Dinitro-2-methylphenol
 Concen: 0.154 ng/ul
 RT: 15.88 min Scan# 2142
 Delta R.T. -0.02 min
 Lab File: BG029202.D
 Acq: 13 Oct 2017 22:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 453
 Ion Ratio Lower Upper
 198 100
 182 283.4 4.6 5.0#
 77 1131.4 25.9 39.7#

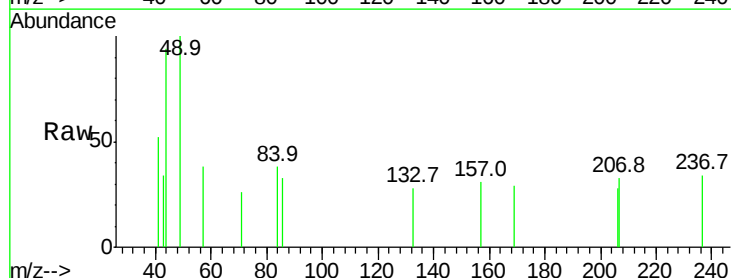


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): B

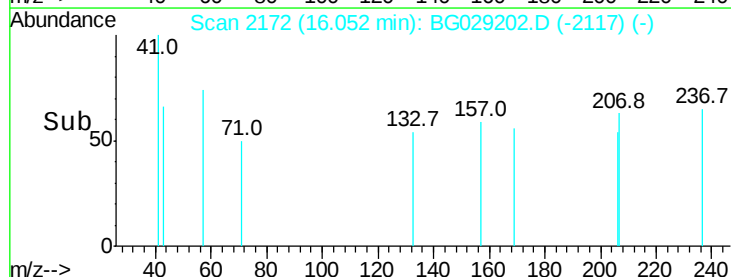
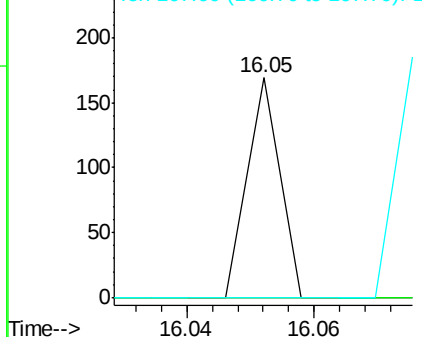


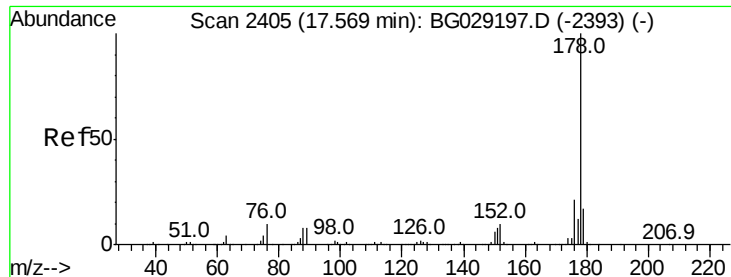
#64
 N-Nitrosodiphenylamine
 Concen: 0.004 ng/ul
 RT: 16.05 min Scan# 2172
 Delta R.T. 0.02 min
 Lab File: BG029202.D
 Acq: 13 Oct 2017 22:10

Tgt Ion:169 Resp: 60
 Ion Ratio Lower Upper
 169 100
 168 0.0 54.1 81.1#
 167 0.0 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





#69

Phenanthrene

Concen: 0.057 ng/ul

RT: 17.57 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

Instrument :

BNA_G

ClientSampleId :

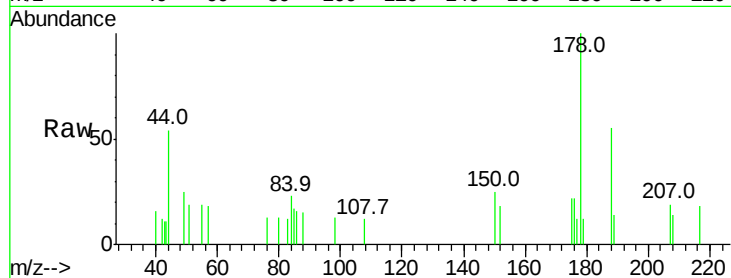
Tot Ion:178 Resp: 1765

Ion Ratio Lower Upper

178 100

179 12.4 13.0 19.6#

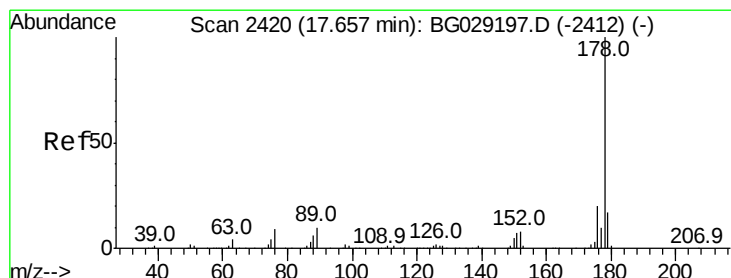
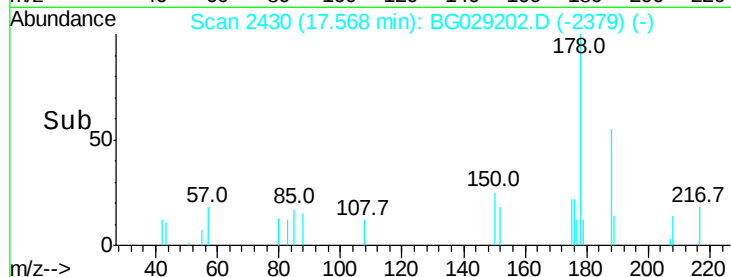
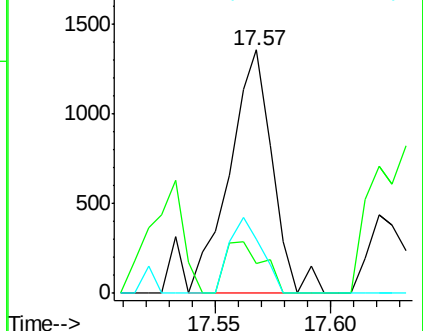
176 22.1 15.3 22.9



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: 0.013 ng/ul

RT: 17.66 min Scan# 2446

Delta R.T. 0.01 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

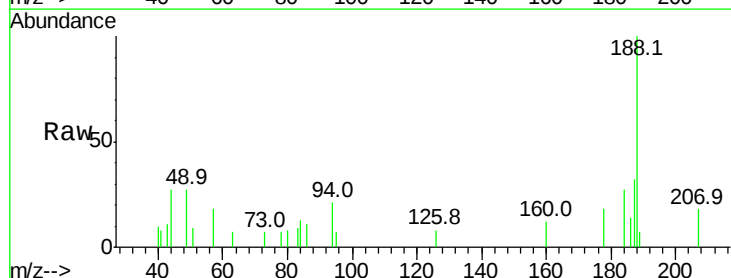
Tgt Ion:178 Resp: 399

Ion Ratio Lower Upper

178 100

179 0.0 13.2 19.8#

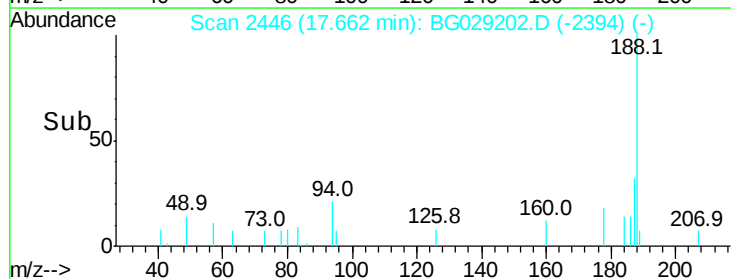
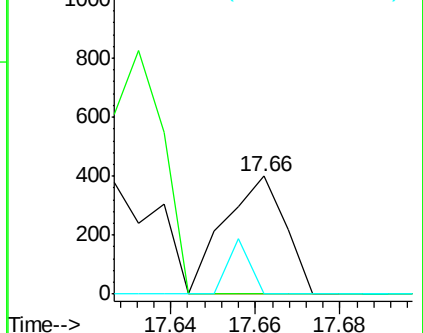
176 0.0 16.0 24.0#

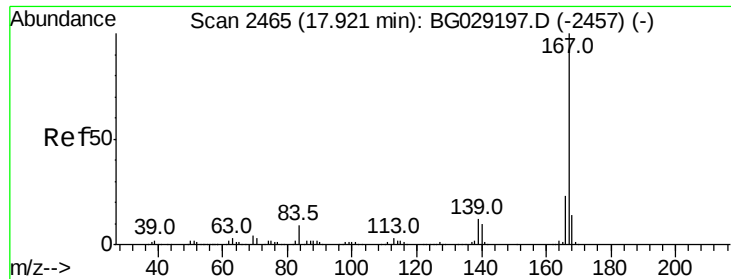


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 0.042 ng/ul

RT: 17.92 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

Instrument :

BNA_G

ClientSampleId :

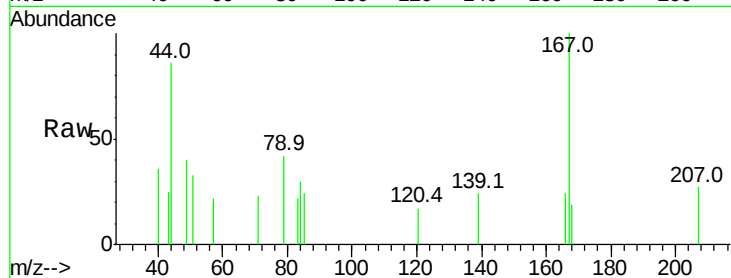
Tot Ion:167 Resp: 1215

Ion Ratio Lower Upper

167 100

166 24.5 18.6 28.0

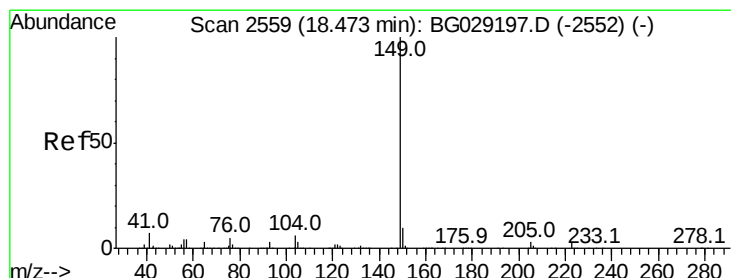
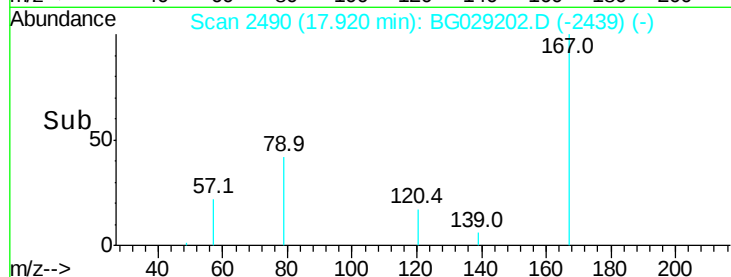
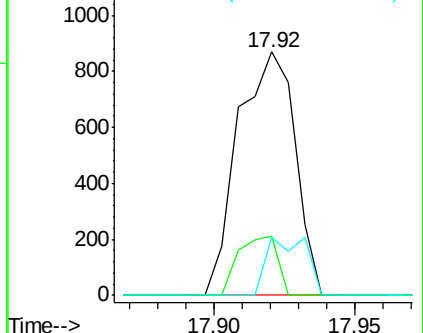
139 23.8 10.6 16.0#



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: 0.035 ng/ul

RT: 18.47 min Scan# 2583

Delta R.T. -0.01 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

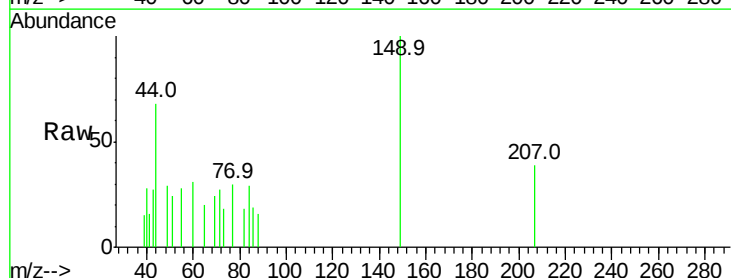
Tgt Ion:149 Resp: 1193

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

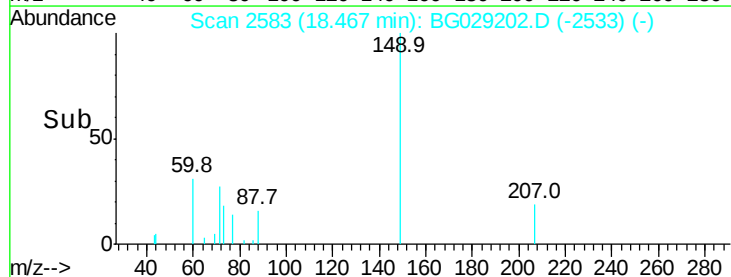
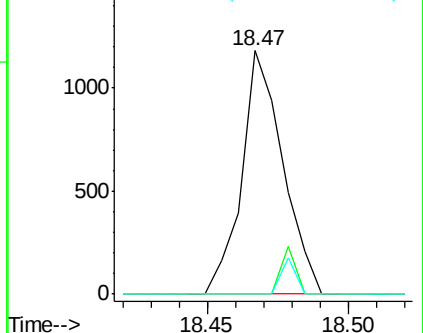
104 0.0 4.6 7.0#

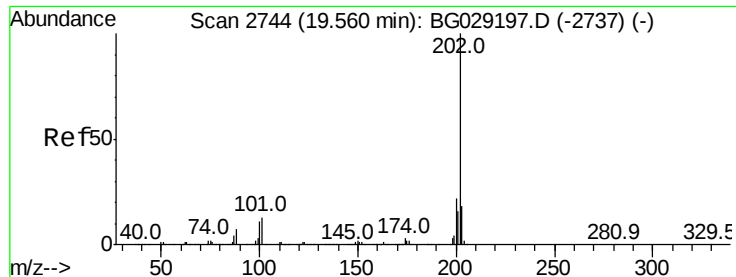


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.060 ng/ul

RT: 19.57 min Scan# 2770

Delta R.T. 0.01 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

Instrument :

BNA_G

ClientSampleId :

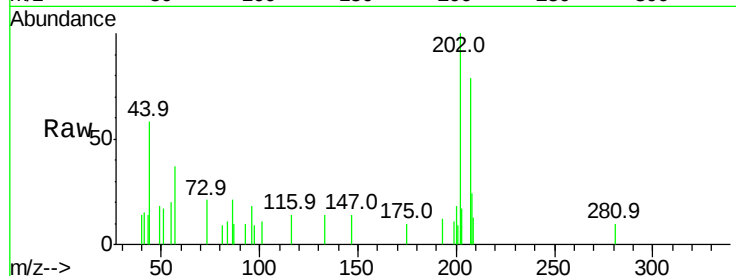
Tot Ion:202 Resp: 2064

Ion Ratio Lower Upper

202 100

101 10.7 7.4 11.2

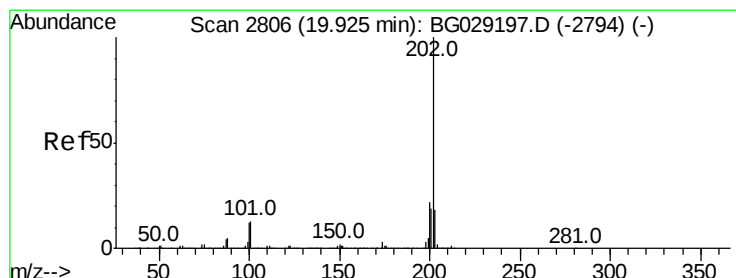
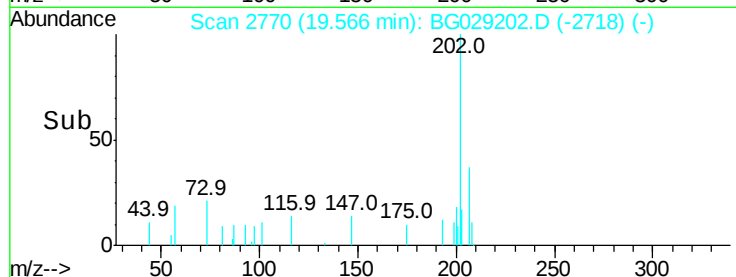
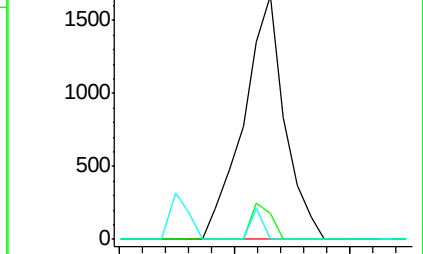
100 0.0 5.6 8.4#



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): B



#77

Pyrene

Concen: 0.087 ng/ul

RT: 19.89 min Scan# 2826

Delta R.T. -0.03 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

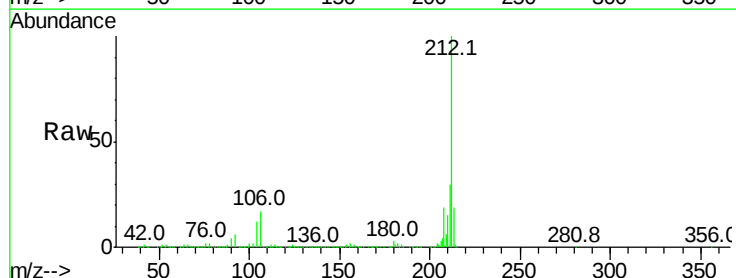
Tgt Ion:202 Resp: 3316

Ion Ratio Lower Upper

202 100

101 0.0 8.4 12.6#

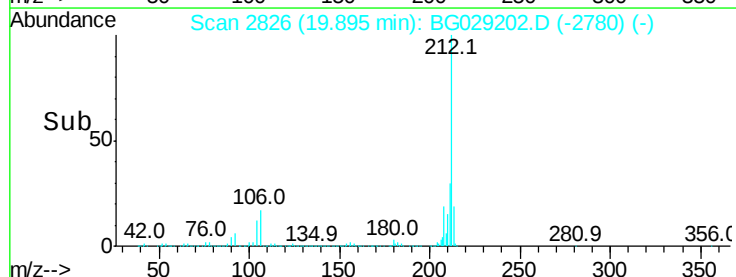
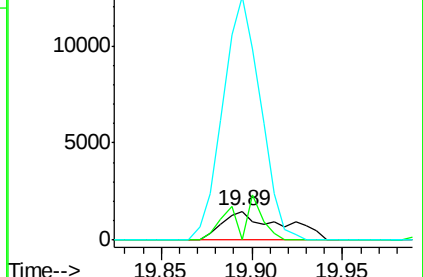
100 845.5 7.0 10.6#

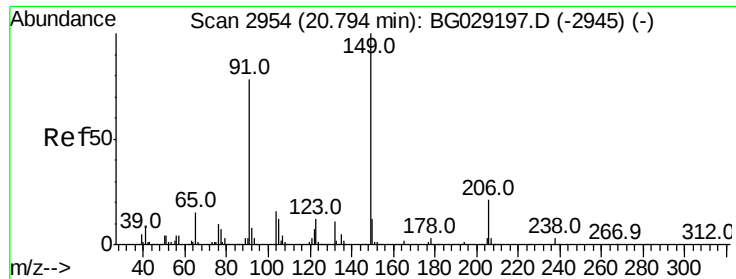


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 0.041 ng/ul

RT: 20.80 min Scan# 2980

Delta R.T. 0.01 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

Instrument :

BNA_G

ClientSampled :

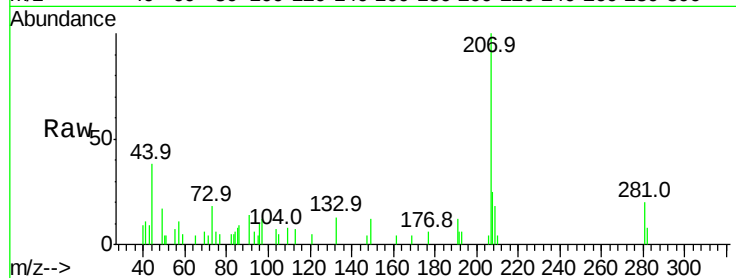
Tot Ion:149 Resp: 631

Ion Ratio Lower Upper

149 100

91 119.8 61.3 91.9#

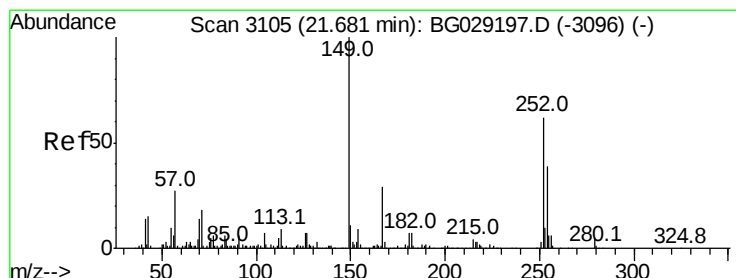
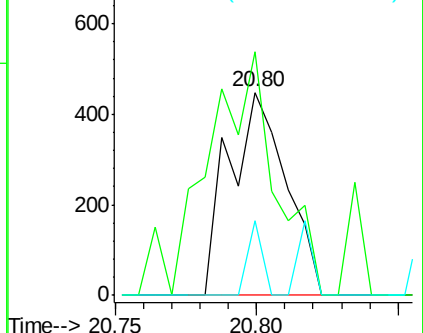
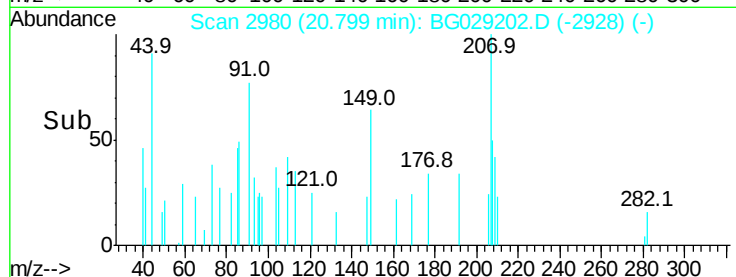
206 37.0 19.5 29.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BGC

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 0.046 ng/ul

RT: 21.69 min Scan# 3131

Delta R.T. 0.01 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

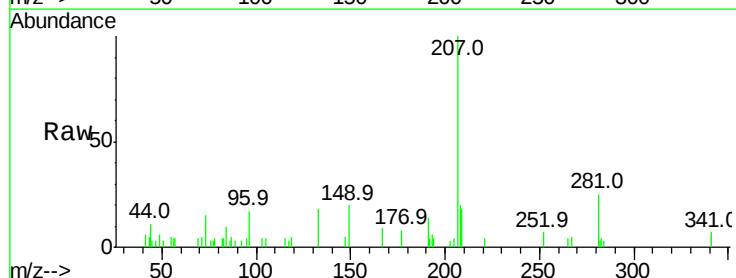
Tgt Ion:252 Resp: 480

Ion Ratio Lower Upper

252 100

254 0.0 51.4 77.2#

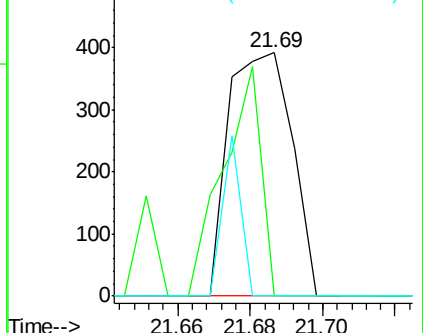
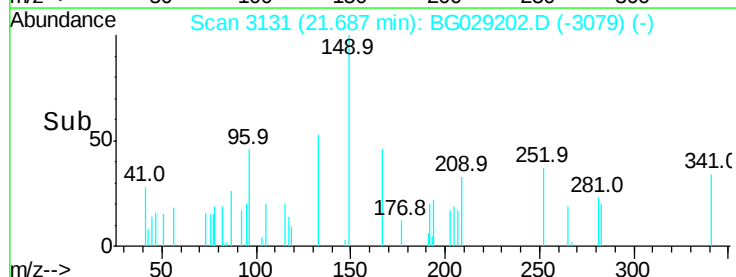
126 0.0 9.3 13.9#

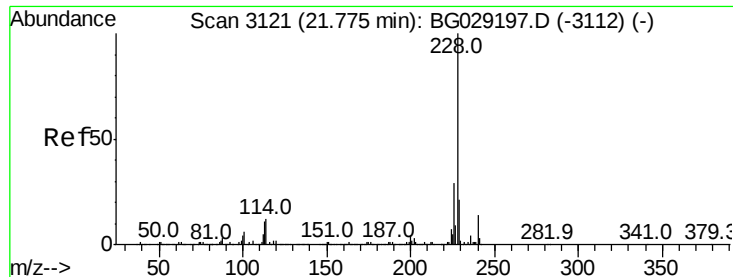


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 0.059 ng/ul

RT: 21.79 min Scan# 3148

Delta R.T. 0.01 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

Instrument :

BNA_G

ClientSampleId :

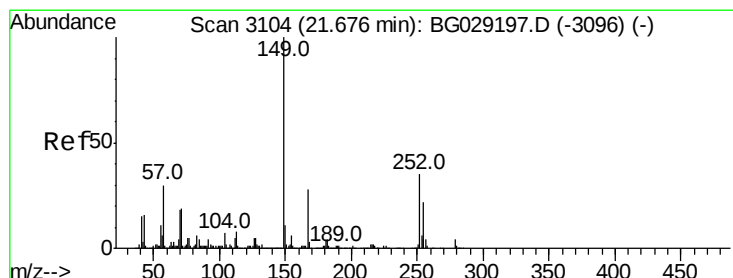
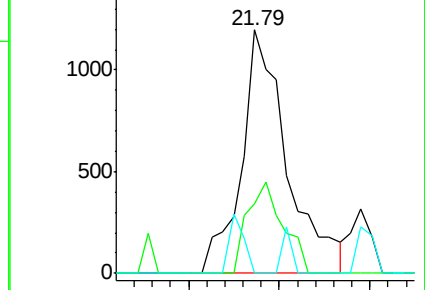
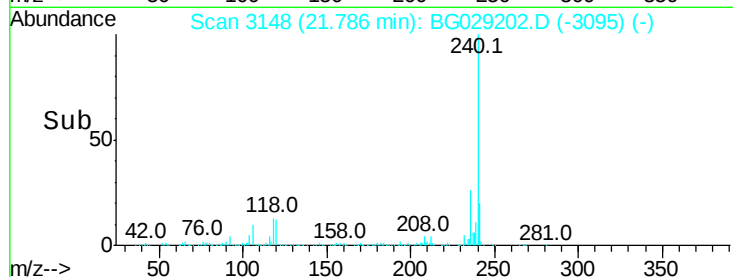
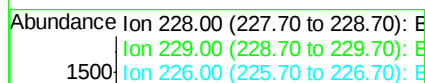
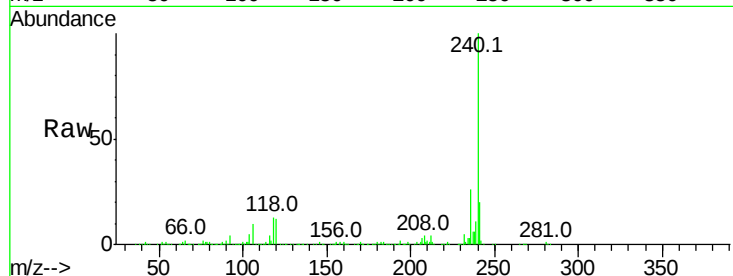
Tot Ion:228 Resp: 2108

Ion	Ratio	Lower	Upper
228	100		
229	28.3	16.2	24.4#
226	0.0	22.2	33.2#

228 100

229 28.3 16.2 24.4#

226 0.0 22.2 33.2#



#81

Bis(2-ethylhexyl)phthalate

Concen: 0.174 ng/ul

RT: 21.67 min Scan# 3129

Delta R.T. -0.00 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

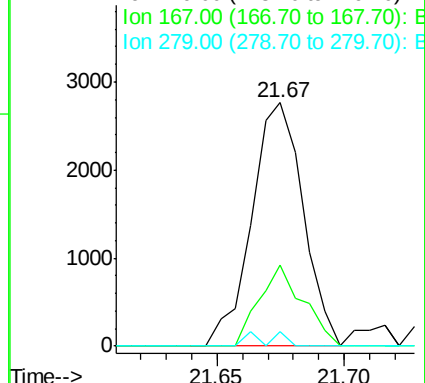
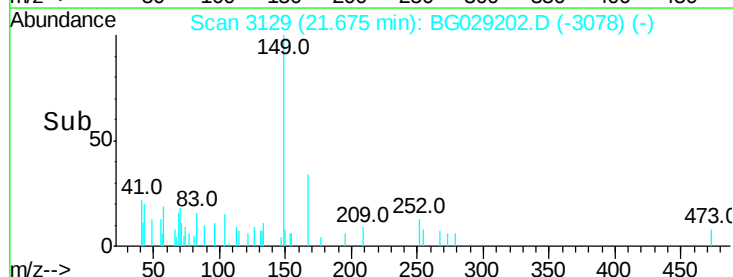
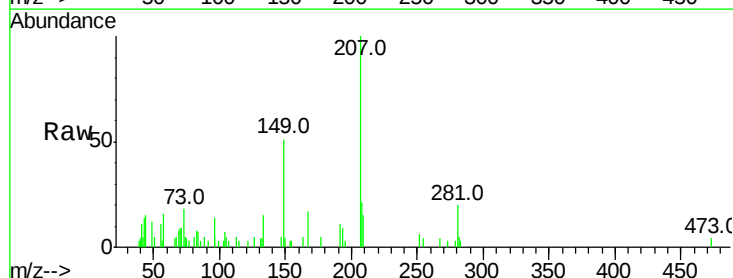
Tgt Ion:149 Resp: 3915

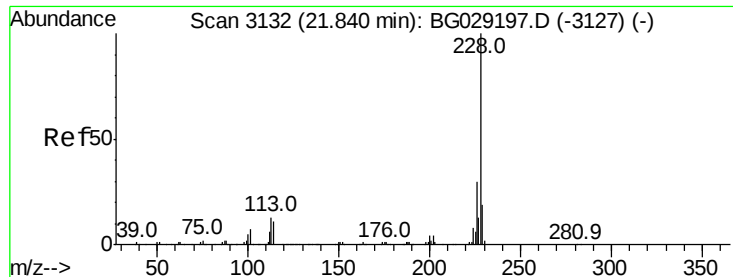
Ion	Ratio	Lower	Upper
149	100		
167	33.5	23.2	34.8
279	6.0	3.1	4.7#

149 100

167 33.5 23.2 34.8

279 6.0 3.1 4.7#





#82

Chrysene

Concen: 0.008 ng/ul

RT: 21.85 min Scan# 3158

Delta R.T. 0.01 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

Instrument :

BNA_G

ClientSampleId :

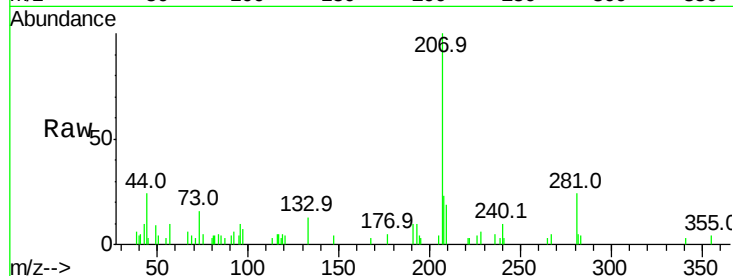
Tot Ion:228 Resp: 245

Ion Ratio Lower Upper

228 100

226 73.3 24.2 36.2#

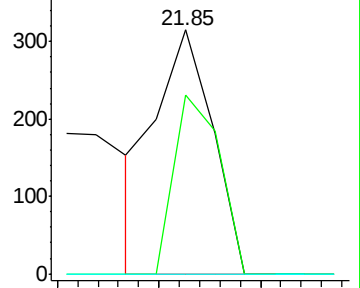
229 0.0 15.2 22.8#



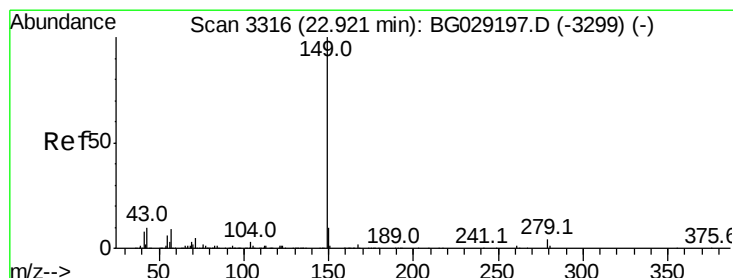
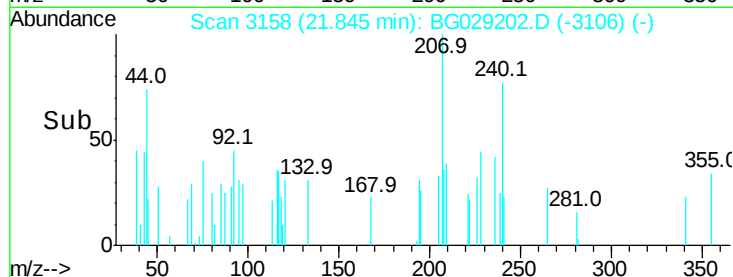
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 0.022 ng/ul

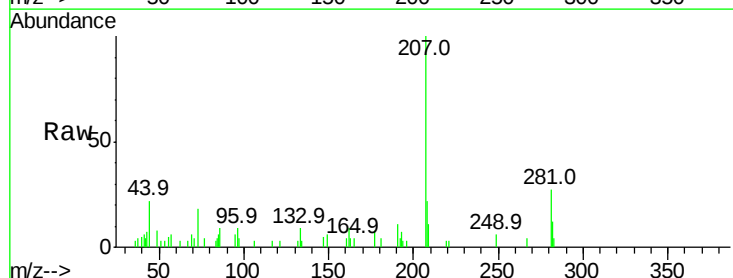
RT: 22.92 min Scan# 3341

Delta R.T. -0.00 min

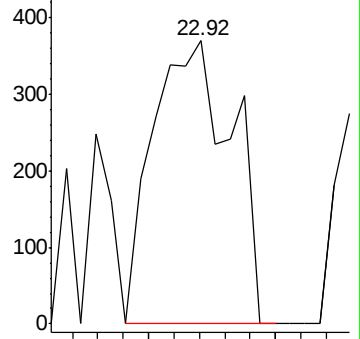
Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

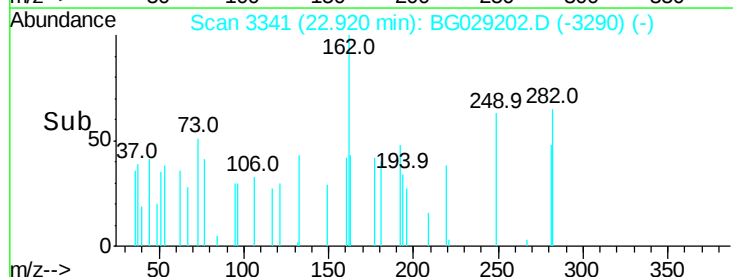
Tgt Ion:149 Resp: 805

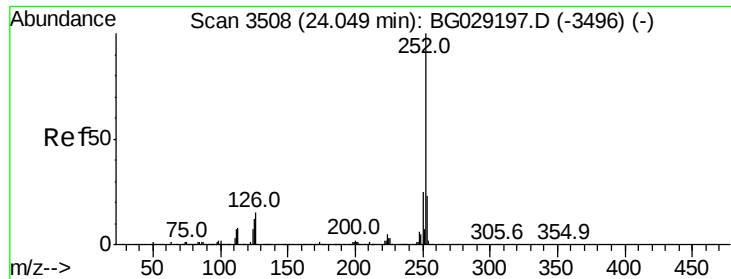


Abundance Ion 149.00 (148.70 to 149.70): E



Time-->





#85

Benzo(b)fluoranthene

Concen: 0.006 ng/ul

RT: 24.04 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

Instrument :

BNA_G

ClientSampled :

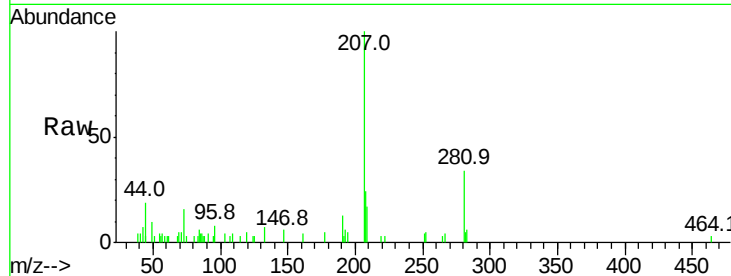
Tot Ion:252 Resp: 193

Ion Ratio Lower Upper

252 100

253 0.0 17.0 25.4#

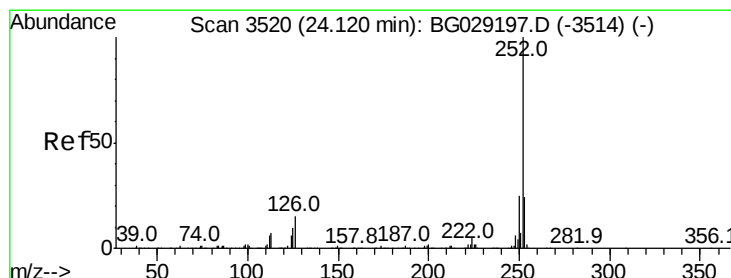
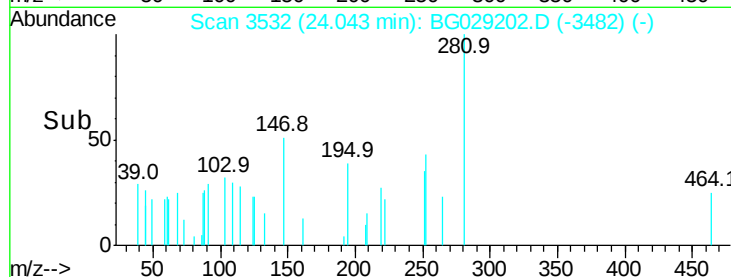
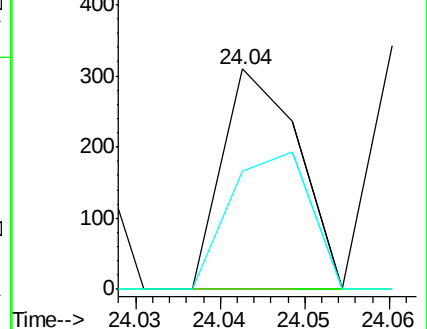
125 53.5 7.5 11.3#



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



#86

Benzo(k)fluoranthene

Concen: 0.009 ng/ul

RT: 24.11 min Scan# 3544

Delta R.T. -0.01 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

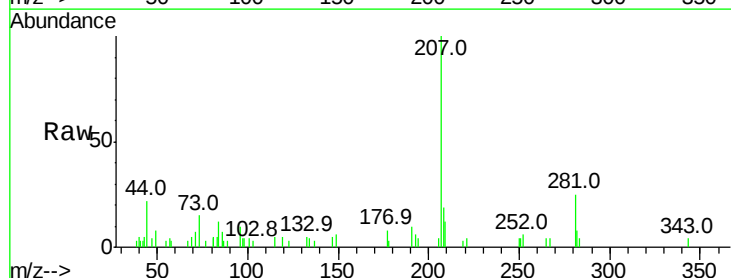
Tgt Ion:252 Resp: 289

Ion Ratio Lower Upper

252 100

253 0.0 17.2 25.8#

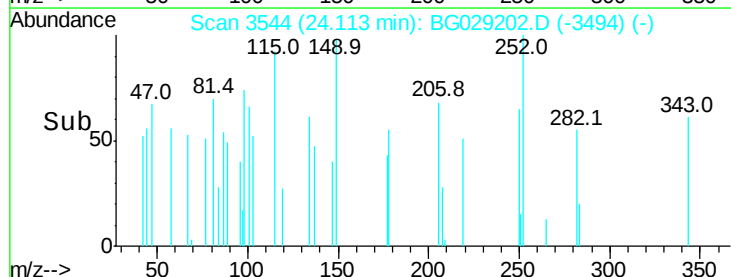
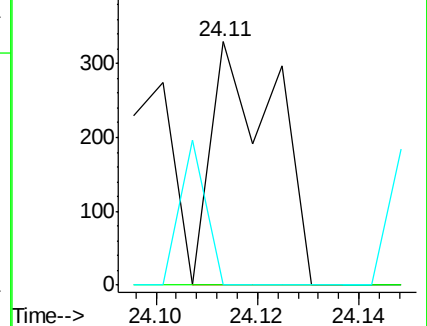
125 0.0 7.8 11.8#

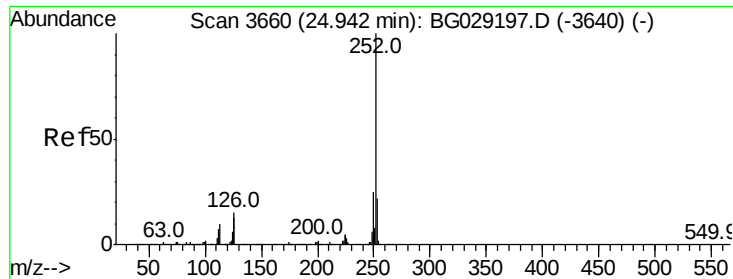


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 0.009 ng/u1

RT: 24.95 min Scan# 3687

Delta R.T. 0.01 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

Instrument :

BNA_G

ClientSampled :

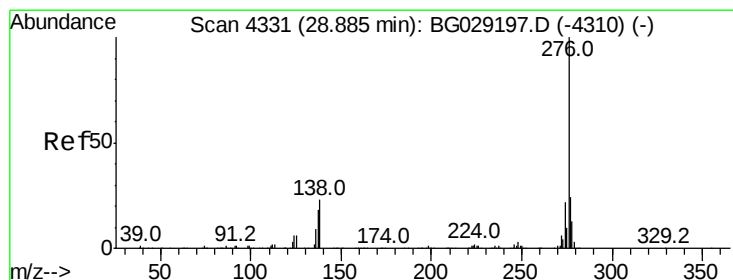
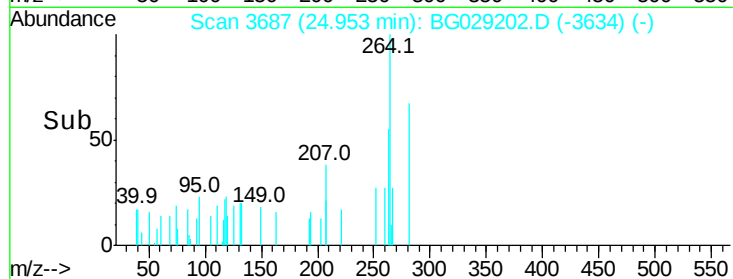
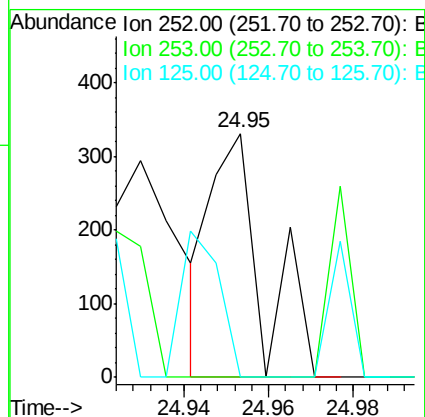
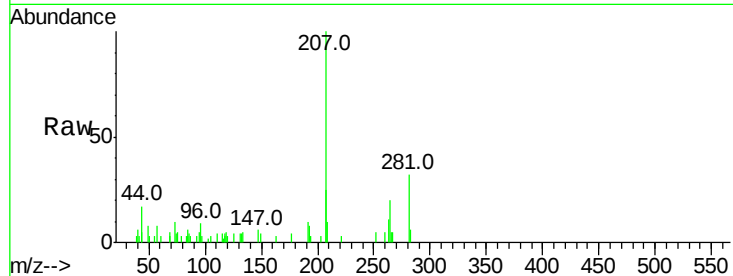
Tot Ion:252 Resp: 286

Ion Ratio Lower Upper

252 100

253 0.0 17.1 25.7#

125 0.0 7.8 11.8#



#89

Indeno(1,2,3-cd)pyrene

Concen: 0.008 ng/u1

RT: 28.87 min Scan# 4354

Delta R.T. -0.01 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

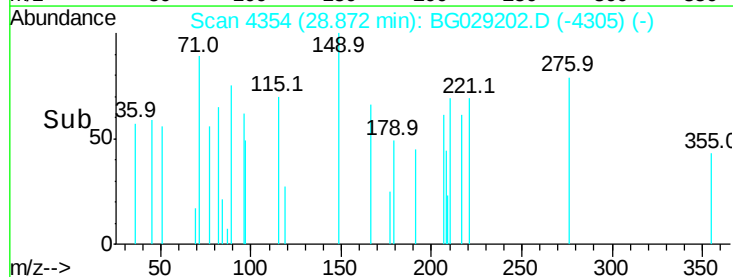
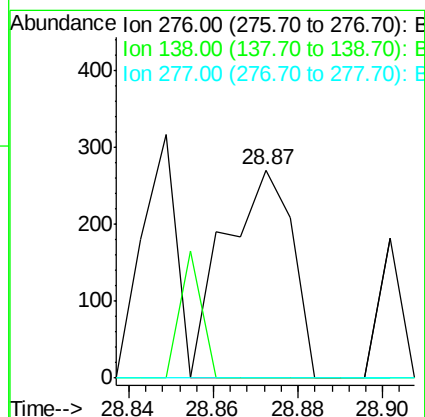
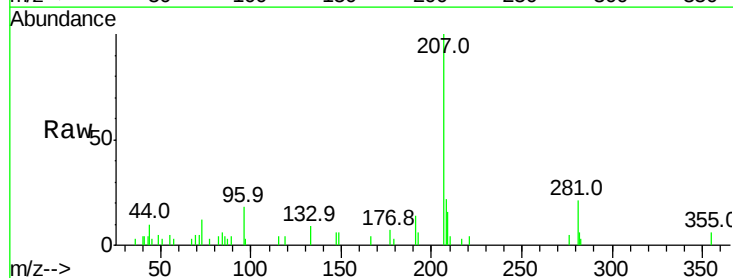
Tgt Ion:276 Resp: 301

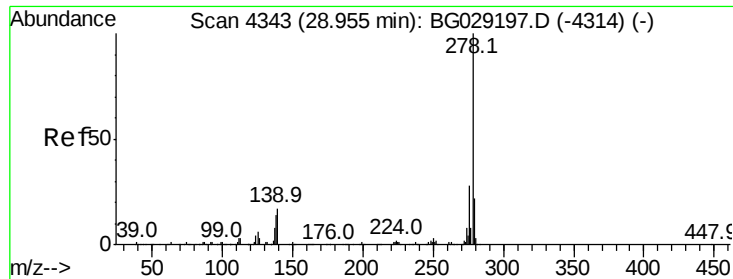
Ion Ratio Lower Upper

276 100

138 0.0 13.4 20.0#

277 0.0 18.6 28.0#





#90

Dibenzo(a,h)anthracene

Concen: 0.004 ng/ul

RT: 28.94 min Scan# 4366

Delta R.T. -0.01 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

Instrument :

BNA_G

ClientSampled :

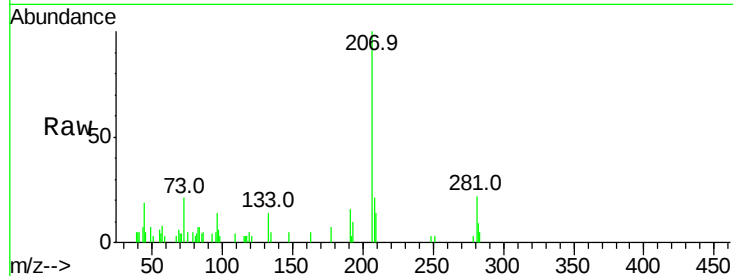
Tot Ion:278 Resp: 114

Ion Ratio Lower Upper

278 100

139 0.0 9.4 14.2#

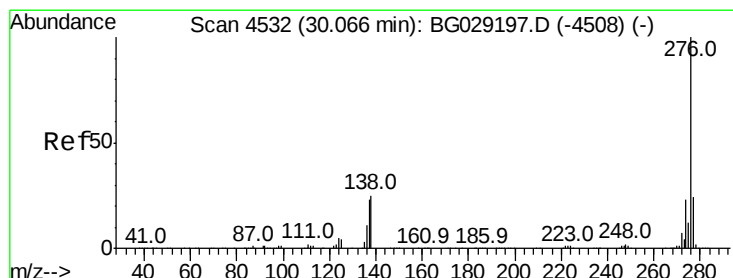
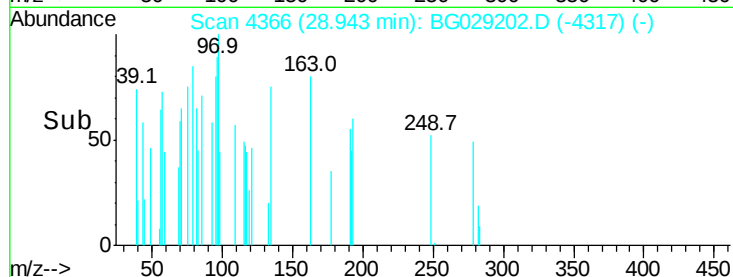
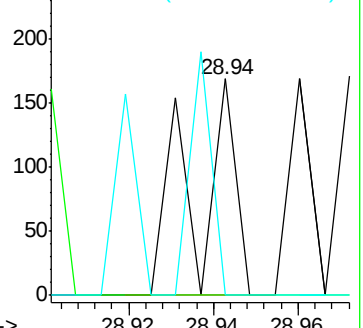
279 0.0 18.4 27.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.018 ng/ul

RT: 30.07 min Scan# 4557

Delta R.T. -0.00 min

Lab File: BG029202.D

Acq: 13 Oct 2017 22:10

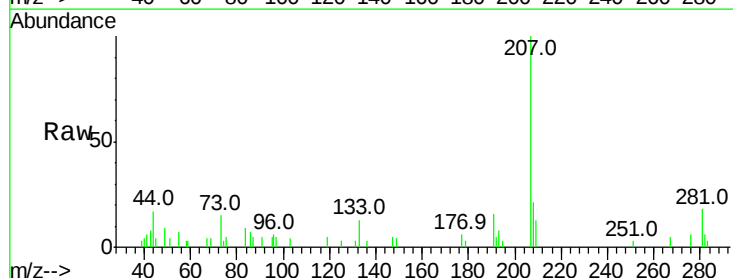
Tgt Ion:276 Resp: 549

Ion Ratio Lower Upper

276 100

138 0.0 12.1 18.1#

277 0.0 17.7 26.5#



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

