

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101417\
 Data File : BG029207.D
 Acq On : 14 Oct 2017 1:30
 Operator : SJ/JU
 Sample : I5574-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 14 05:47:23 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	86472	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	385153	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	231428	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	571551	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	560461	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	550381	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	16509	7.76	ng/uL	0.00
5) Phenol-d5	7.32	99	359510	43.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	225528	43.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	260977	44.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	299929	44.74	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	132015	47.75	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	138751	48.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	268073	41.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	326550	43.54	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	917787	46.39	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1099790	45.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	167291	45.80	ng/ul	0.00
57) Fluorene-d10	15.78	176	780461	48.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	105124	37.68	ng/ul	0.00
70) Anthracene-d10	17.62	188	1214747	44.94	ng/ul	0.00
76) Pyrene-d10	19.90	212	1332029	45.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	1227551	47.09	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.59	88	192	0.074	ng/uL# 27
4) Benzaldehyde	7.26	77	69	0.013	ng/ul# 4
6) Phenol	7.35	94	73192	8.523	ng/ul# 89
8) Bis(2-Chloroethyl)ether	7.57	93	1819	0.278	ng/ul# 57
10) 2-Chlorophenol	7.75	128	68	0.011	ng/ul# 29
11) 2-Methylphenol	8.50	108	66	0.010	ng/ul# 2
12) 2,2'-oxybis(1-Chloropropan	8.69	45	60	0.006	ng/ul# 72
14) Acetophenone	8.99	105	245	0.024	ng/ul# 78
15) N-Nitroso-di-n-propylamine	8.94	70	78	0.014	ng/ul# 51
16) 4-Methylphenol	8.92	108	58	0.008	ng/ul# 1
20) Nitrobenzene	9.33	77	1183	0.157	ng/ul# 50
21) Isophorone	9.92	82	156	0.010	ng/ul# 67
23) 2-Nitrophenol	10.33	139	61	0.019	ng/ul# 23
24) 2,4-Dimethylphenol	9.87	107	66	0.009	ng/ul# 18
25) Bis(2-Chloroethoxy)methane	10.44	93	53	0.006	ng/ul# 51
27) 2,4-Dichlorophenol	10.59	162	74	0.012	ng/ul# 1
28) Naphthalene	11.05	128	292	0.014	ng/ul# 68
30) 4-Chloroaniline	11.11	127	74	0.010	ng/ul# 1
31) Hexachlorobutadiene	11.29	225	59	0.015	ng/ul# 18
32) Caprolactam	11.96	113	248	0.094	ng/ul# 32
33) 4-Chloro-3-methylphenol	12.29	107	1136	0.157	ng/ul# 21
34) 2-Methylnaphthalene	12.63	142	208	0.012	ng/ul# 3
38) 2,4,6-Trichlorophenol	13.16	196	53	0.011	ng/ul# 13

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101417\
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 Sample : I5574-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

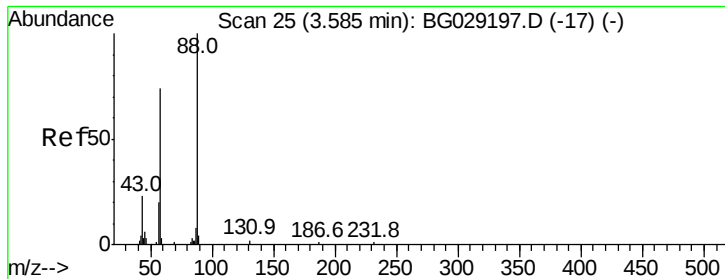
Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 14 05:47:23 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)

39) 2,4,5-Trichlorophenol	13.16	196	53	0.011	ng/ul#	13
41) 2-Chloronaphthalene	13.58	162	59	0.004	ng/ul#	1
42) 2-Nitroaniline	13.62	65	76	0.017	ng/ul#	10
44) Dimethylphthalate	14.23	163	344552	17.854	ng/ul	98
45) 2,6-Dinitrotoluene	14.32	165	139	0.041	ng/ul#	27
47) Acenaphthylene	14.48	152	136	0.006	ng/ul#	1
48) 3-Nitroaniline	14.82	138	62	0.017	ng/ul#	1
49) Acenaphthene	14.85	153	80	0.005	ng/ul#	14
50) 2,4-Dinitrophenol	15.14	184	55	0.030	ng/ul#	14
52) 4-Nitrophenol	14.95	109	57	0.021	ng/ul#	1
53) Dibenzofuran	15.18	168	121	0.005	ng/ul#	11
54) 2,4-Dinitrotoluene	15.21	165	63	0.013	ng/ul#	33
56) Diethylphthalate	15.58	149	865	0.043	ng/ul#	85
58) Fluorene	15.84	166	141	0.008	ng/ul#	8
60) 4-Nitroaniline	15.78	138	510	0.113	ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	15.88	198	620	0.210	ng/ul#	1
64) N-Nitrosodiphenylamine	15.89	169	1124	0.066	ng/ul#	47
67) Atrazine	16.78	200	56	0.009	ng/ul#	35
69) Phenanthrene	17.57	178	3584	0.116	ng/ul#	77
71) Anthracene	17.65	178	323	0.010	ng/ul#	59
72) Carbazole	17.92	167	265	0.009	ng/ul#	58
73) Di-n-butylphthalate	18.47	149	3504	0.102	ng/ul#	97
74) Fluoranthene	19.56	202	7786	0.225	ng/ul#	84
77) Pyrene	19.92	202	7952	0.212	ng/ul#	78
78) Butylbenzylphthalate	20.78	149	422	0.028	ng/ul#	1
79) 3,3'-Dichlorobenzidine	21.82	252	62	0.006	ng/ul#	1
80) Benzo(a)anthracene	21.77	228	5324	0.152	ng/ul#	88
81) Bis(2-ethylhexyl)phthalate	21.67	149	2925	0.133	ng/ul#	78
82) Chrysene	21.85	228	2898	0.091	ng/ul#	87
84) Di-n-octyl phthalate	22.92	149	217	0.006	ng/ul	100
85) Benzo(b)fluoranthene	24.05	252	4287	0.130	ng/ul#	74
86) Benzo(k)fluoranthene	24.10	252	372	0.012	ng/ul#	79
88) Benzo(a)pyrene	24.94	252	2930	0.091	ng/ul#	64
89) Indeno(1,2,3-cd)pyrene	28.86	276	1540	0.042	ng/ul#	39
90) Dibenzo(a,h)anthracene	28.93	278	80	0.003	ng/ul#	58
91) Benzo(a,h,i)perylene	30.05	276	1328	0.044	ng/ul#	58

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



#2

1,4-Dioxane

Concen: 0.074 ng/uL

RT: 3.59 min Scan# 50

Delta R.T. 0.00 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

Instrument :

BNA_G

ClientSampled :

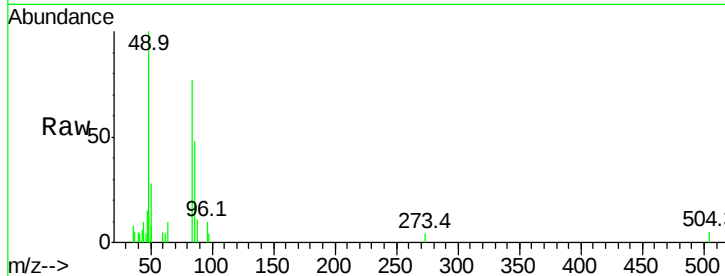
Tot Ion: 88 Resp: 192

Ion Ratio Lower Upper

88 100

43 58.0 35.0 52.6#

58 0.0 74.0 111.0#

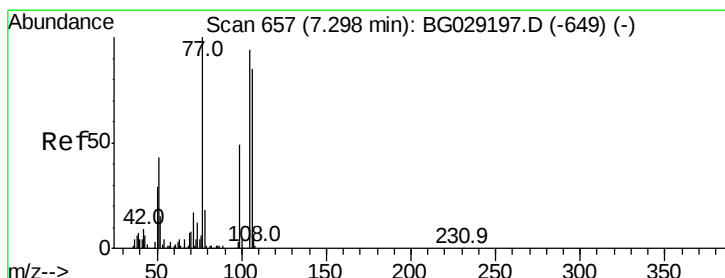
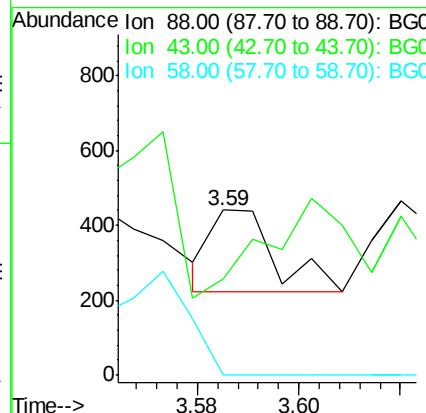
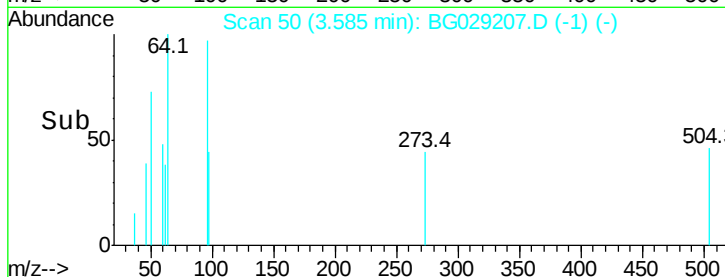


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Time-->



#4

Benzaldehyde

Concen: 0.013 ng/uL

RT: 7.26 min Scan# 676

Delta R.T. -0.04 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

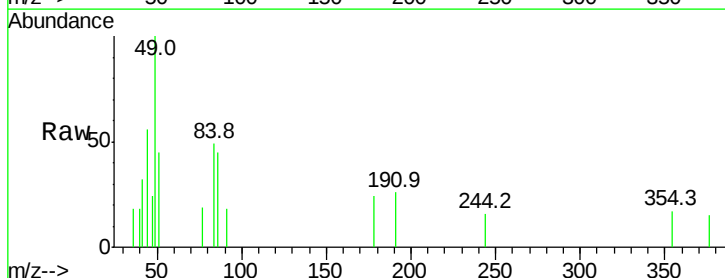
Tgt Ion: 77 Resp: 69

Ion Ratio Lower Upper

77 100

105 0.0 70.5 105.7#

106 0.0 74.1 111.1#

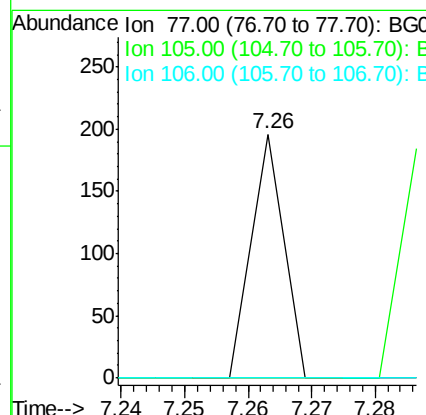
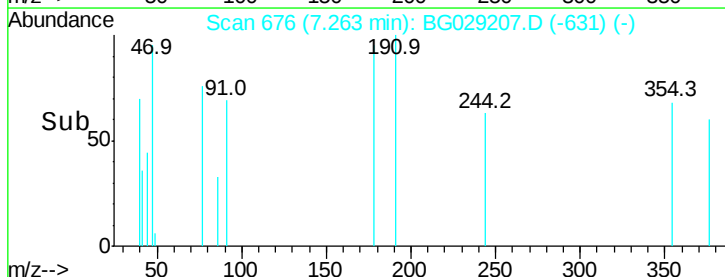


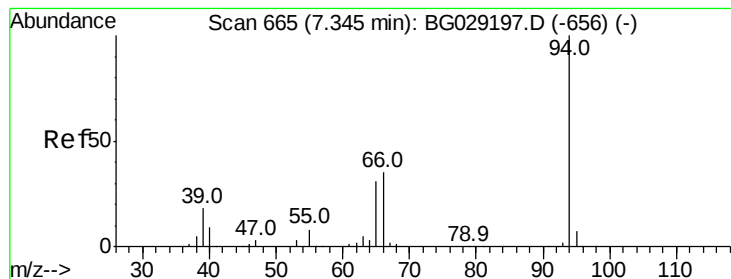
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC

Time-->





#6

Phenol

Concen: 8.523 ng/ul

RT: 7.35 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

Instrument :

BNA_G

ClientSampled :

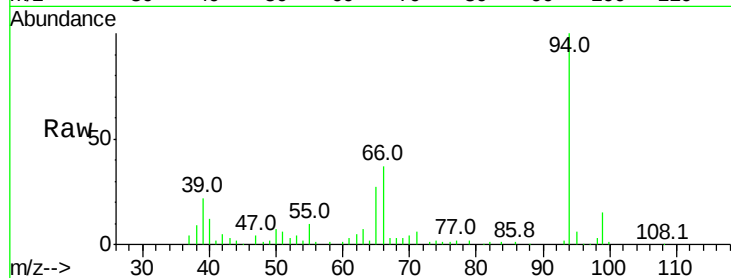
Tot Ion: 94 Resp: 73192

Ion Ratio Lower Upper

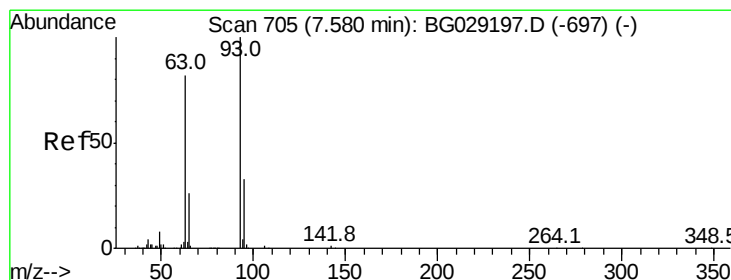
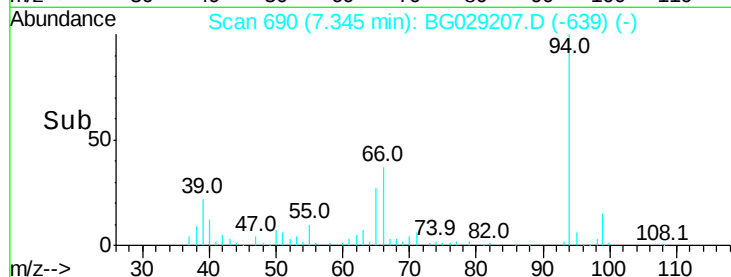
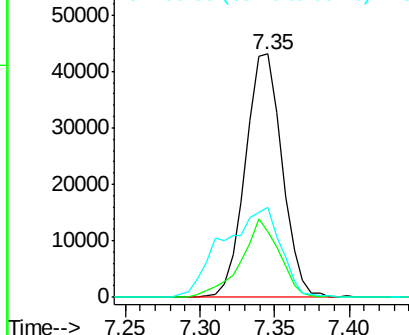
94 100

65 26.8 27.1 40.7#

66 37.1 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: 0.278 ng/ul

RT: 7.57 min Scan# 729

Delta R.T. -0.01 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

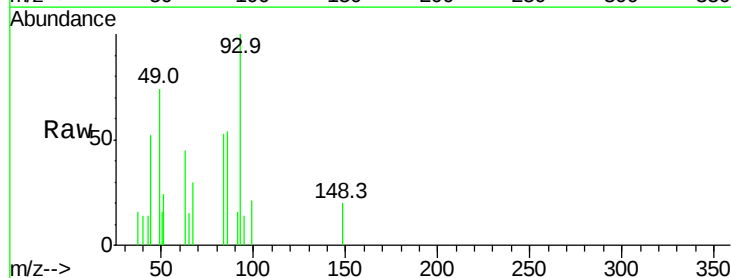
Tgt Ion: 93 Resp: 1819

Ion Ratio Lower Upper

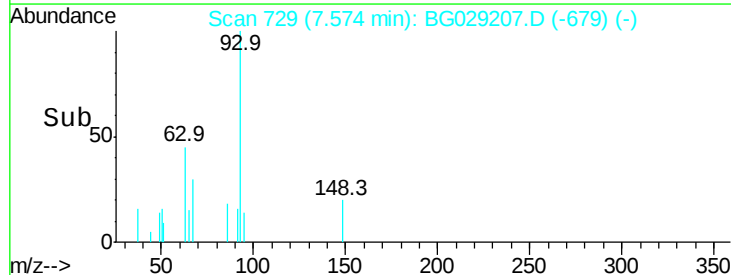
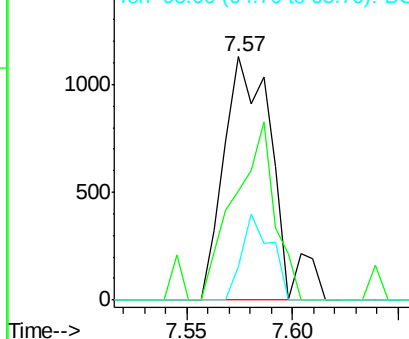
93 100

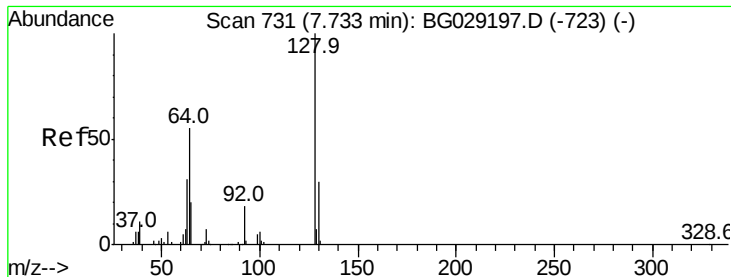
63 45.0 71.8 107.8#

95 14.1 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

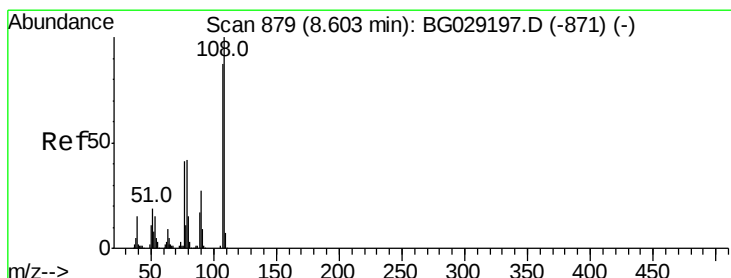
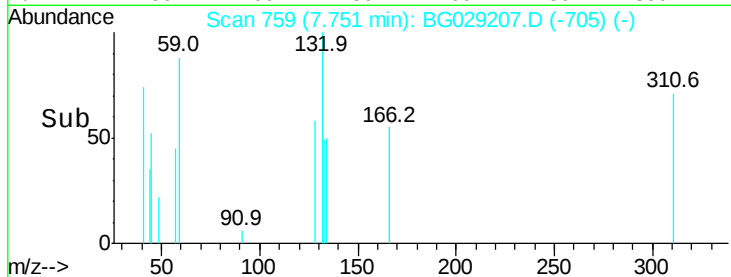
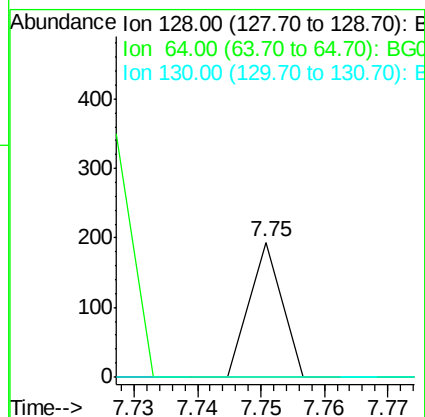
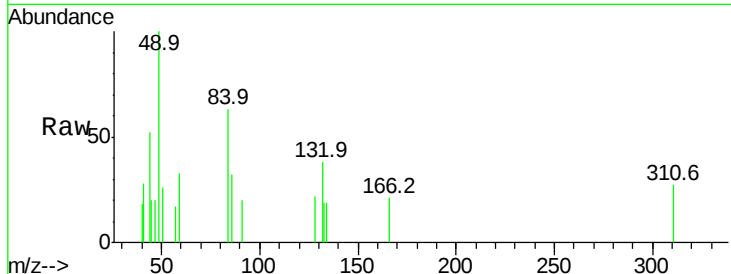




#10
2-Chlorophenol
Concen: 0.011 ng/ul
RT: 7.75 min Scan# 759
Delta R.T. 0.02 min
Lab File: BG029207.D
Acq: 14 Oct 2017 1:30

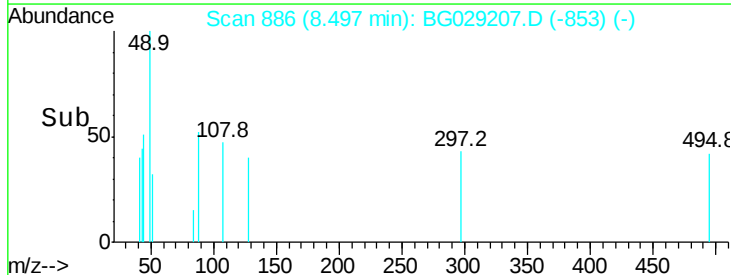
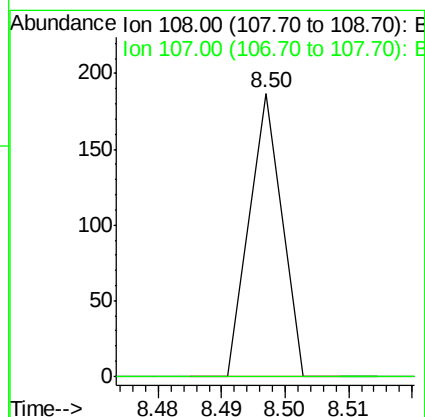
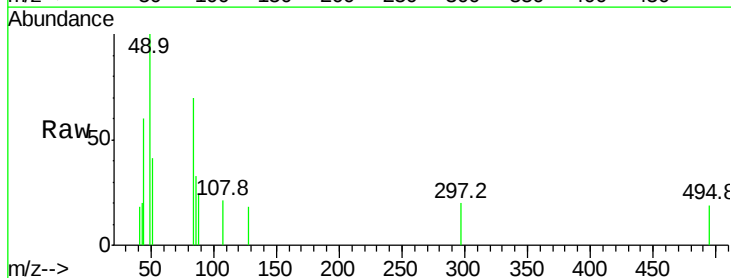
Instrument :
BNA_G
ClientSampleId :

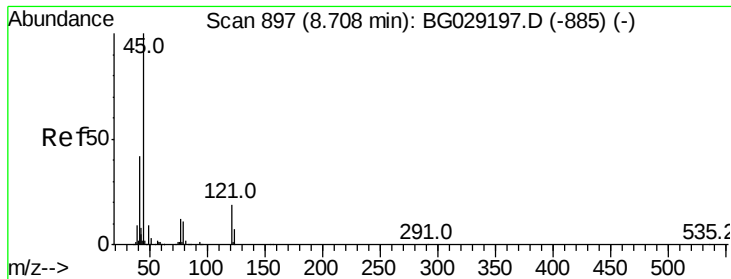
Tot Ion:128 Resp: 68
Ion Ratio Lower Upper
128 100
64 0.0 46.6 69.8#
130 0.0 25.8 38.8#



#11
2-Methylphenol
Concen: 0.010 ng/ul
RT: 8.50 min Scan# 886
Delta R.T. -0.11 min
Lab File: BG029207.D
Acq: 14 Oct 2017 1:30

Tgt Ion:108 Resp: 66
Ion Ratio Lower Upper
108 100
107 0.0 76.7 115.1#

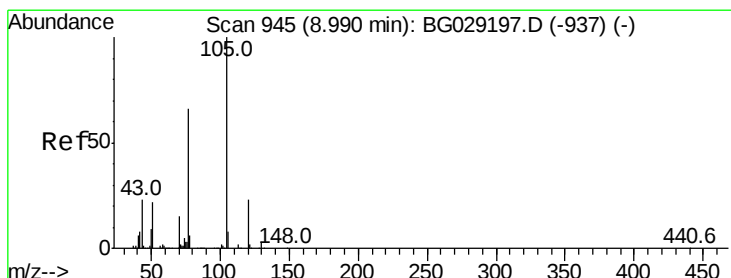
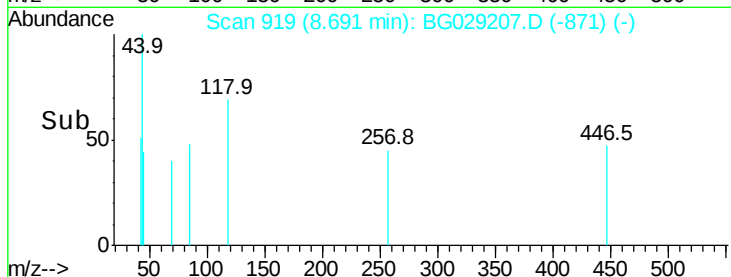
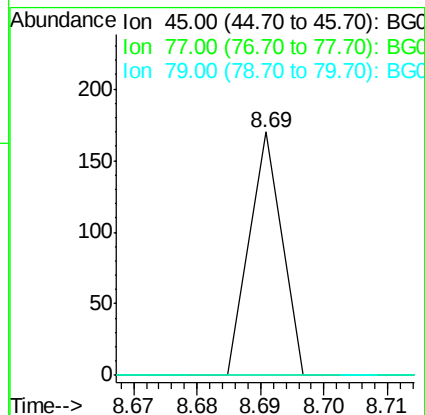
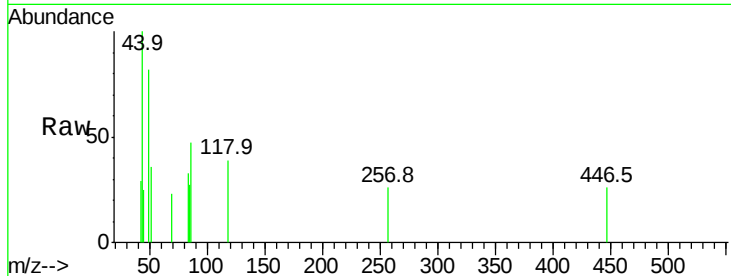




#12
 2,2'-oxvbis(1-Chloropropane)
 Concen: 0.006 ng/ul
 RT: 8.69 min Scan# 919
 Delta R.T. -0.02 min
 Lab File: BG029207.D
 Acq: 14 Oct 2017 1:30

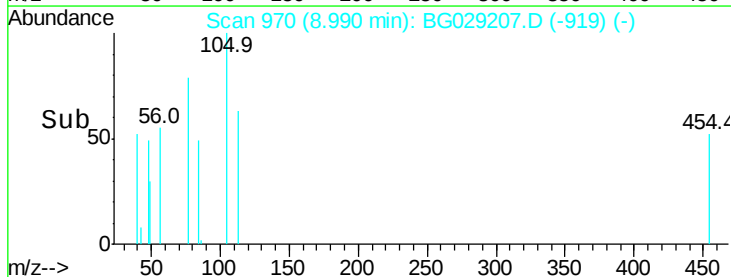
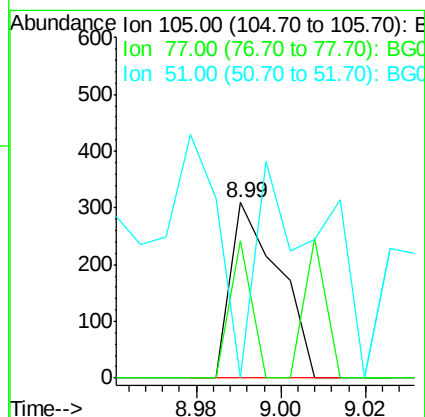
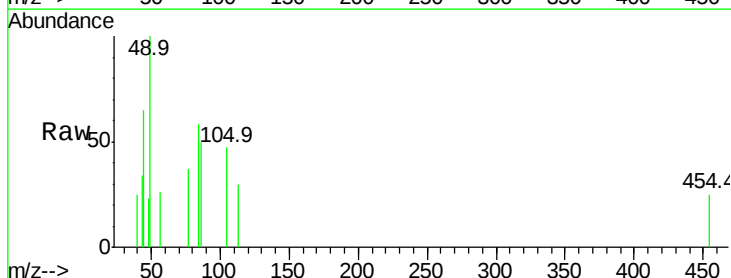
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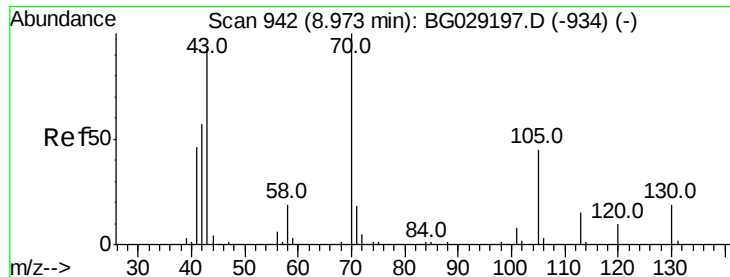
Tot Ion: 45 Resp: 60
 Ion Ratio Lower Upper
 45 100
 77 0.0 9.5 14.3#
 79 0.0 6.8 10.2#



#14
 Acetophenone
 Concen: 0.024 ng/ul
 RT: 8.99 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BG029207.D
 Acq: 14 Oct 2017 1:30

Tgt Ion: 105 Resp: 245
 Ion Ratio Lower Upper
 105 100
 77 78.6 70.2 105.2
 51 0.0 24.6 36.8#





#15

N-Nitroso-di-n-propylamine

Concen: 0.014 ng/ul

RT: 8.94 min Scan# 961

Delta R.T. -0.04 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 78

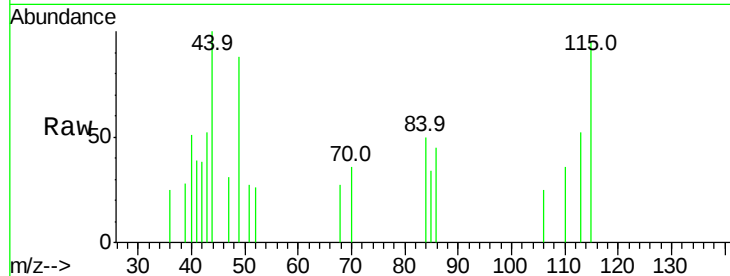
Ion Ratio Lower Upper

70 100

42 107.7 51.7 77.5#

101 0.0 7.6 11.4#

130 0.0 14.6 22.0#

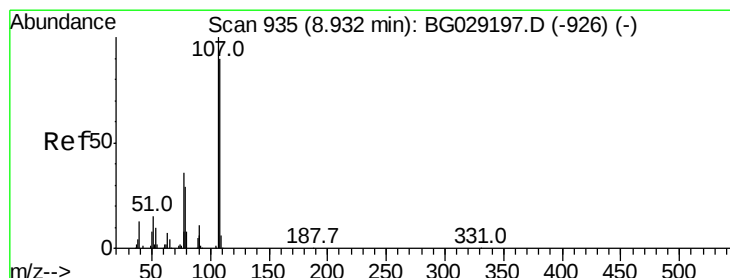
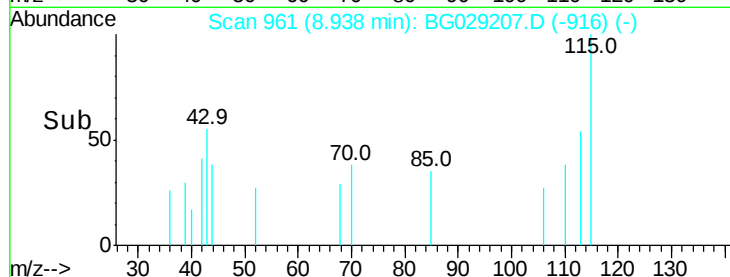
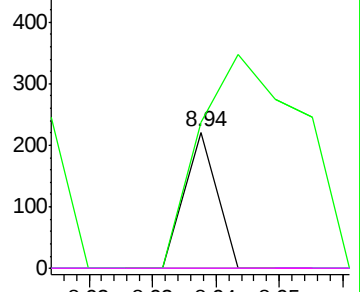


Abundance Ion 70.00 (69.70 to 70.70): BG

Ion 42.00 (41.70 to 42.70): BG

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 0.008 ng/ul

RT: 8.92 min Scan# 958

Delta R.T. -0.01 min

Lab File: BG029207.D

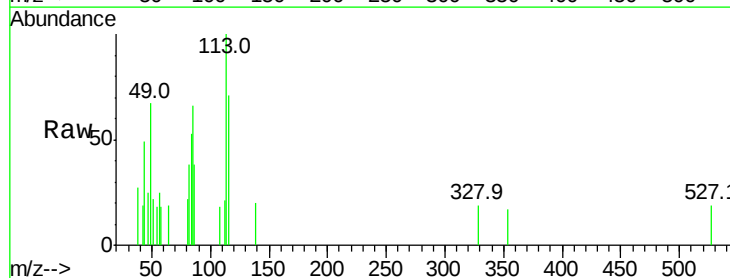
Acq: 14 Oct 2017 1:30

Tgt Ion: 108 Resp: 58

Ion Ratio Lower Upper

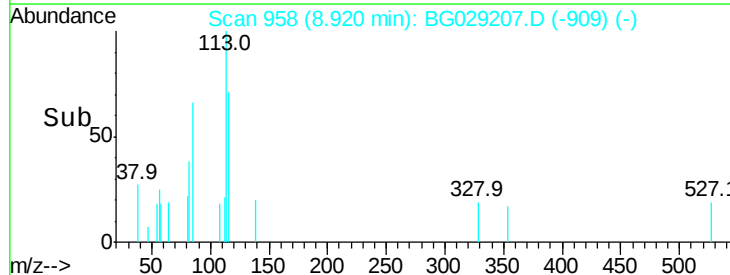
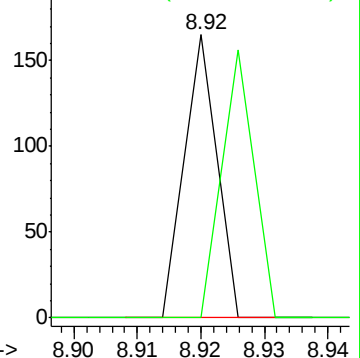
108 100

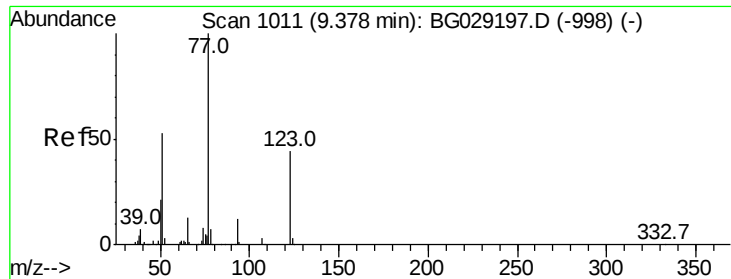
107 0.0 86.5 129.7#



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

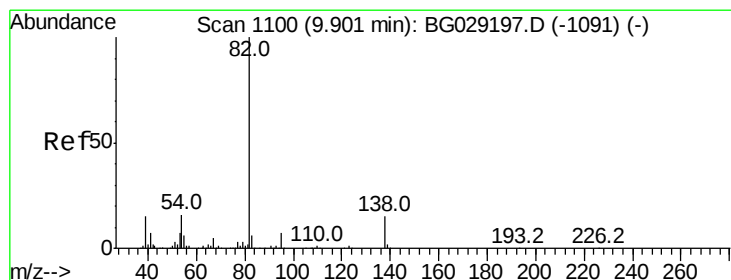
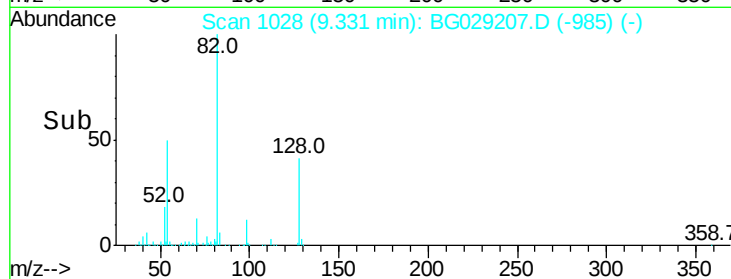
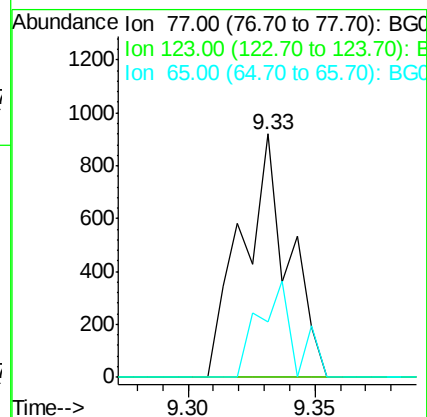
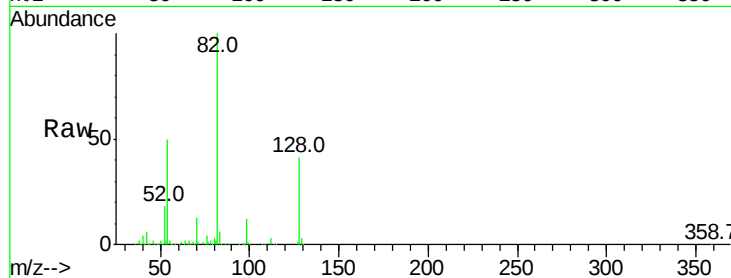




#20
Nitrobenzene
Concen: 0.157 ng/ul
RT: 9.33 min Scan# 1028
Delta R.T. -0.05 min
Lab File: BG029207.D
Acq: 14 Oct 2017 1:30

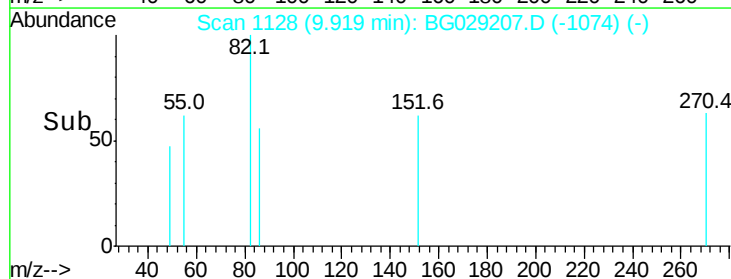
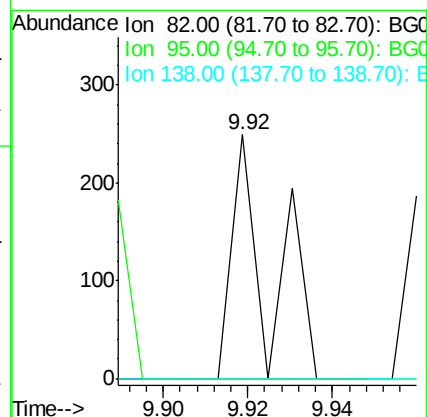
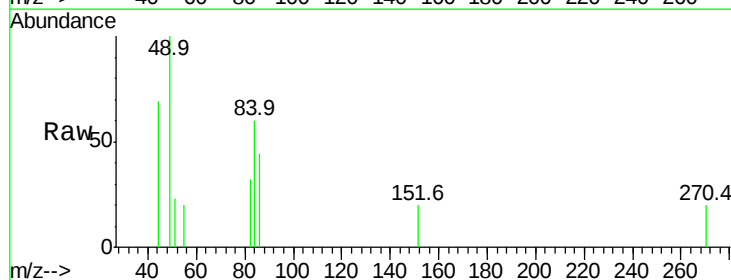
Instrument :
BNA_G
ClientSampleId :

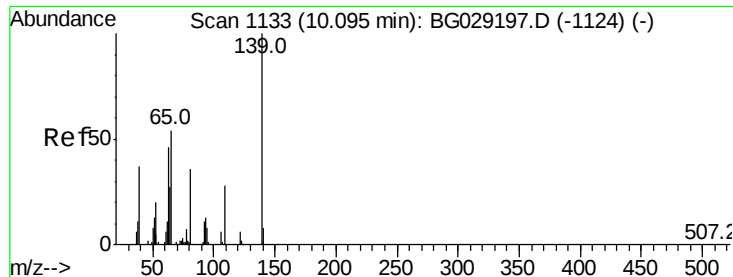
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	28.6	43.0#
65	22.5	11.2	16.8#



#21
Isophorone
Concen: 0.010 ng/ul
RT: 9.92 min Scan# 1128
Delta R.T. 0.02 min
Lab File: BG029207.D
Acq: 14 Oct 2017 1:30

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: 10.33 min Scan# 1198

Delta R.T. 0.24 min

Lab File: BG029207.D

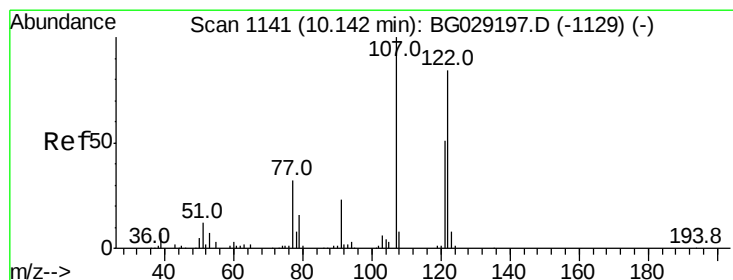
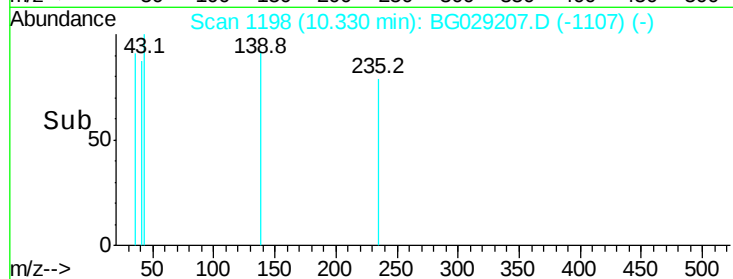
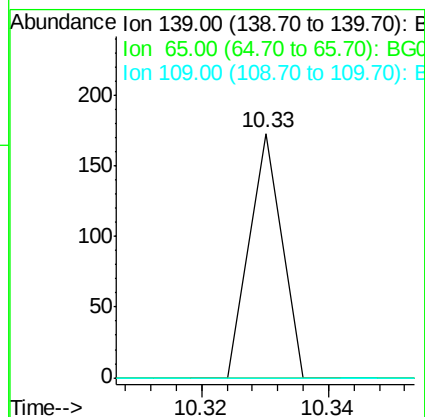
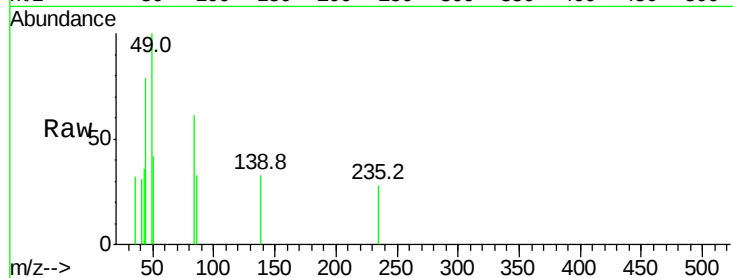
Acq: 14 Oct 2017 1:30

Instrument :

BNA_G

ClientSampleId :

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



#24

2,4-Dimethylphenol

Concen: 0.009 ng/ul

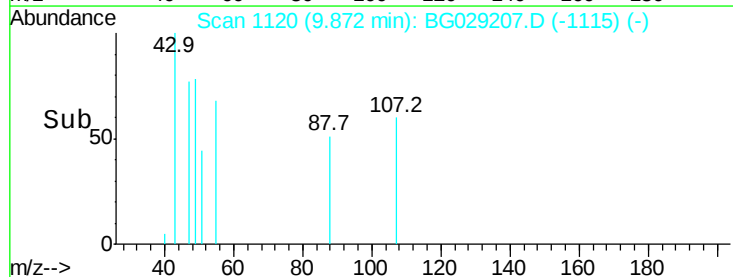
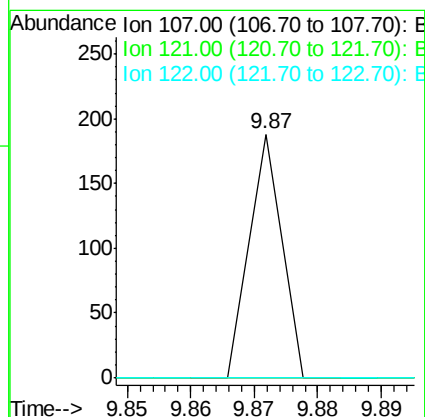
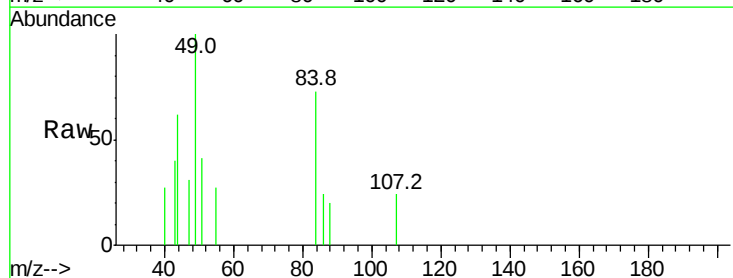
RT: 9.87 min Scan# 1120

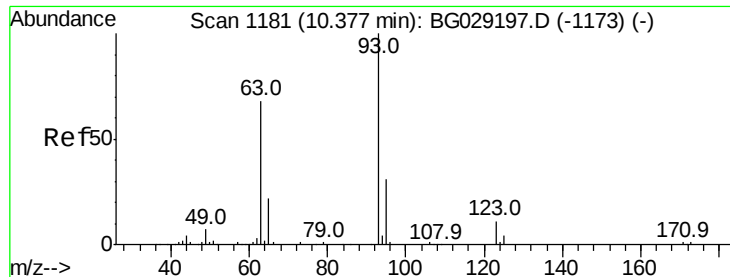
Delta R.T. -0.27 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

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: 0.006 ng/ul

RT: 10.44 min Scan# 1216

Delta R.T. 0.06 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

Instrument :

BNA_G

ClientSampleId :

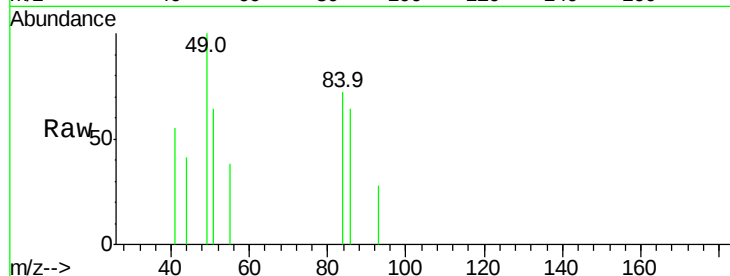
Tot Ion: 93 Resp: 53

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

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10.42

10.44

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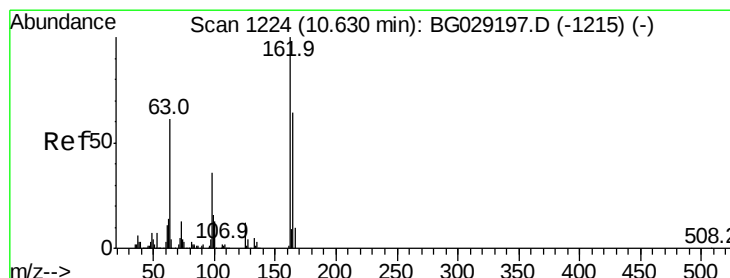
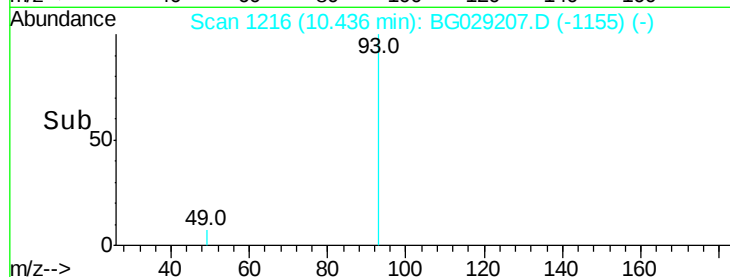
10.44

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10.44



#27

2,4-Dichlorophenol

Concen: 0.012 ng/ul

RT: 10.59 min Scan# 1242

Delta R.T. -0.04 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

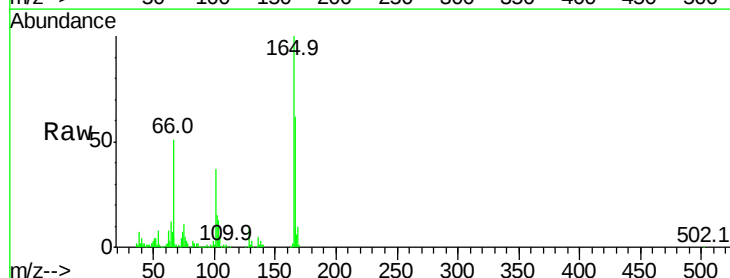
Tgt Ion:162 Resp: 74

Ion Ratio Lower Upper

162 100

164 1063.0 49.7 74.5#

98 183.4 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

10.59

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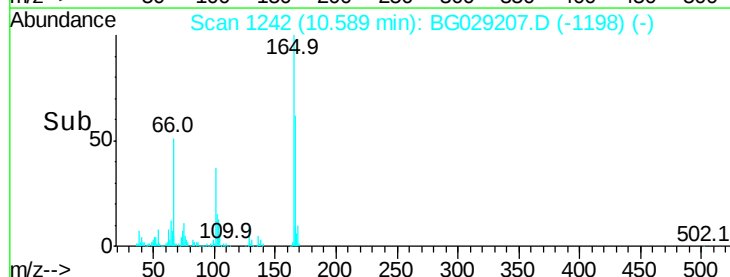
10.59

10.59

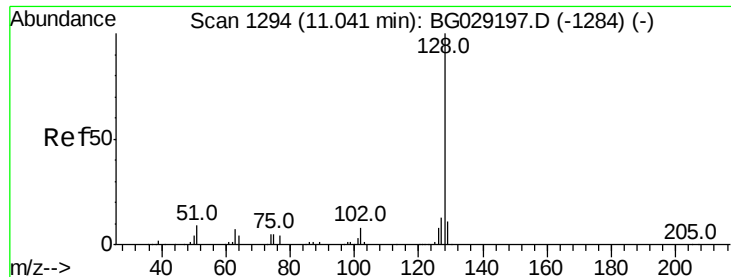
10.59

10.59

10.59



Time-->



#28

Naphthalene

Concen: 0.014 ng/ul

RT: 11.05 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

Instrument :

BNA_G

ClientSampled :

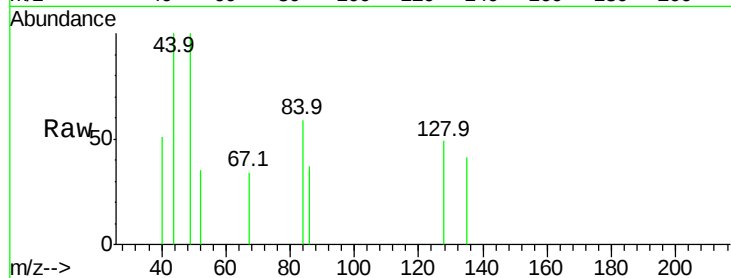
Tot Ion:128 Resp: 292

Ion Ratio Lower Upper

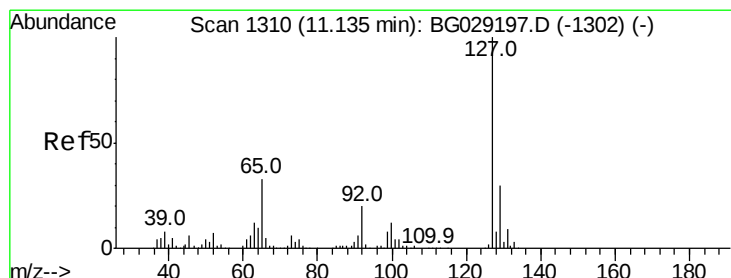
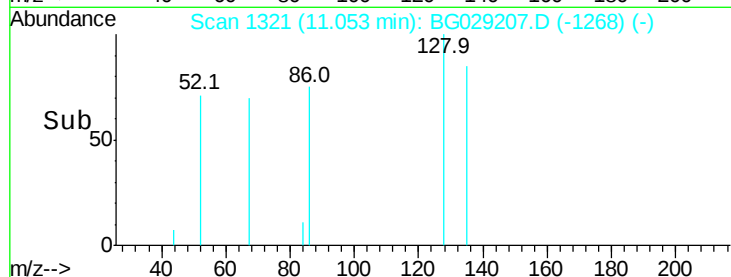
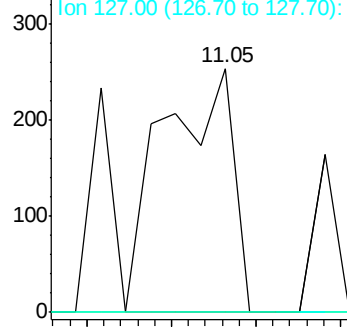
128 100

129 0.0 9.3 13.9#

127 0.0 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): E



#30

4-Chloroaniline

Concen: 0.010 ng/ul

RT: 11.11 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BG029207.D

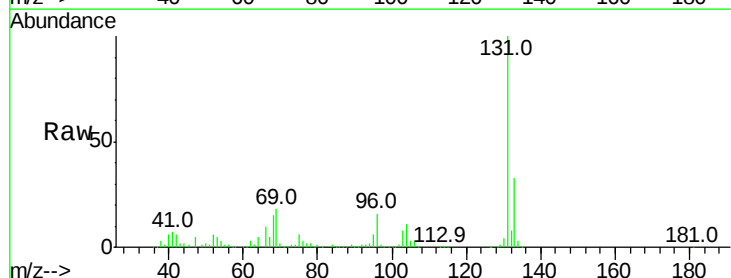
Acq: 14 Oct 2017 1:30

Tgt Ion:127 Resp: 74

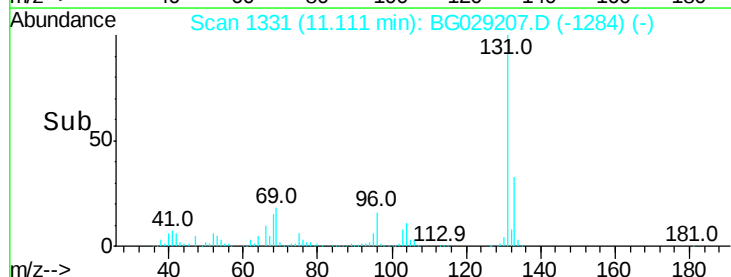
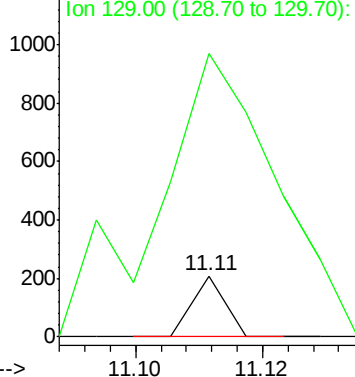
Ion Ratio Lower Upper

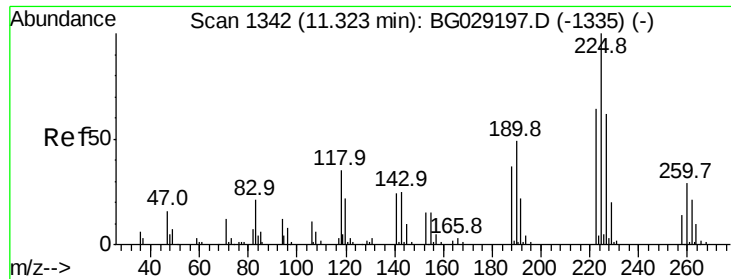
127 100

129 463.2 23.9 35.9#



Abundance Ion 127.00 (126.70 to 127.70): E





#31

Hexachlorobutadiene

Concen: 0.015 ng/ul

RT: 11.29 min Scan# 1362

Delta R.T. -0.03 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

Instrument :

BNA_G

ClientSampleId :

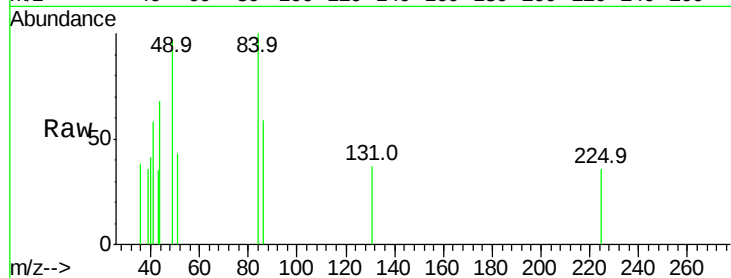
Tot Ion:225 Resp: 59

Ion Ratio Lower Upper

225 100

223 0.0 52.1 78.1#

227 0.0 51.8 77.6#



Abundance Ion 225.00 (224.70 to 225.70): E

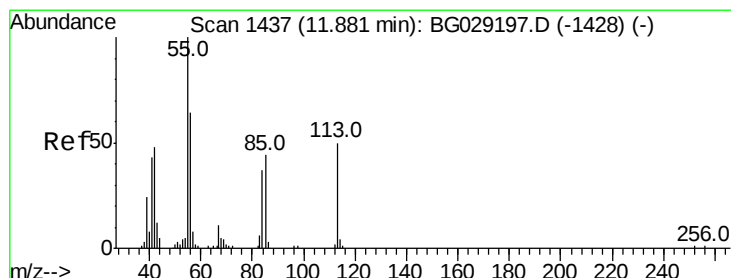
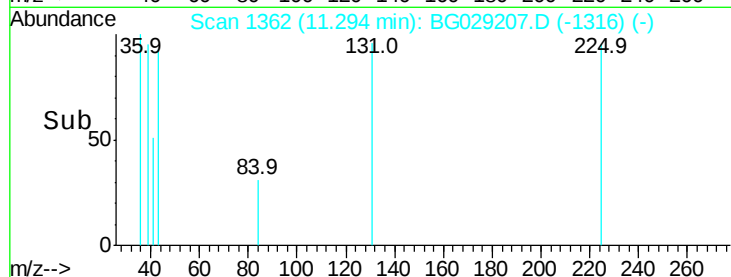
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

11.29

11.28 11.30

Time-->



#32

Caprolactam

Concen: 0.094 ng/ul

RT: 11.96 min Scan# 1475

Delta R.T. 0.08 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

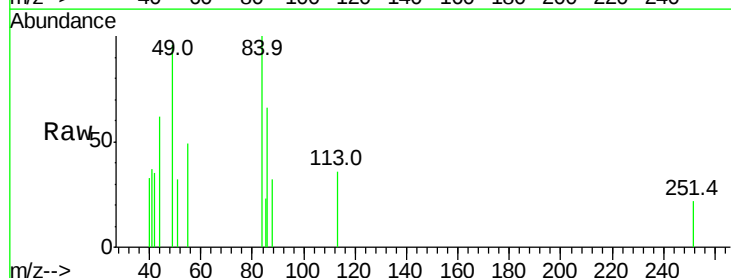
Tgt Ion:113 Resp: 248

Ion Ratio Lower Upper

113 100

55 134.0 146.5 219.7#

56 0.0 107.6 161.4#



Abundance Ion 113.00 (112.70 to 113.70): E

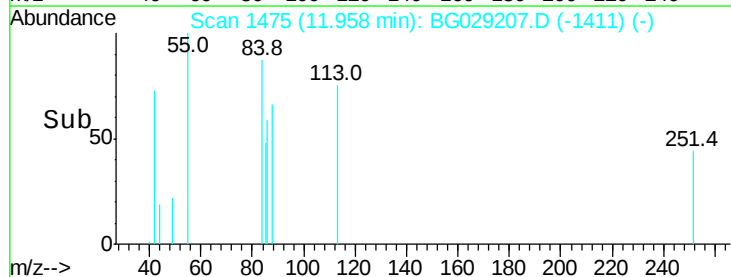
Ion 55.00 (54.70 to 55.70): BG0

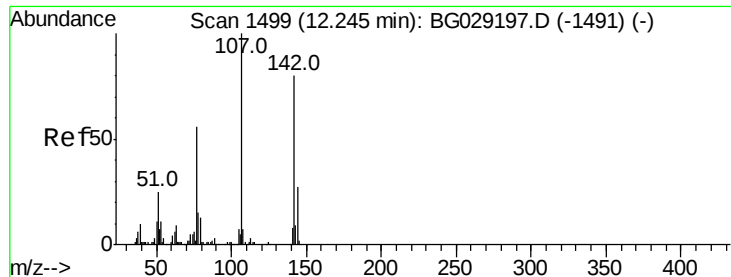
Ion 56.00 (55.70 to 56.70): BG0

11.96

11.92 11.94 11.96

Time-->

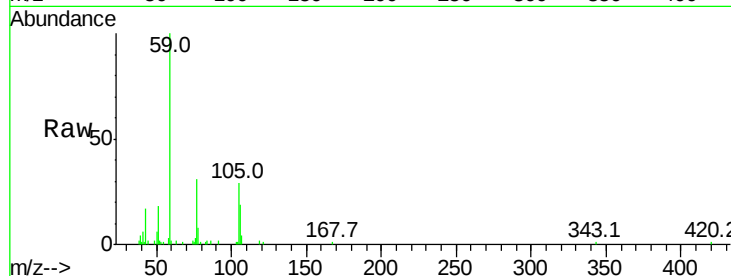




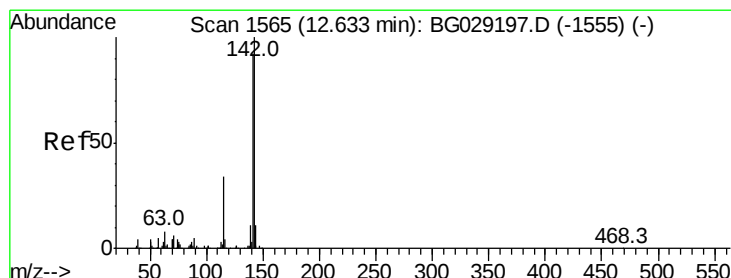
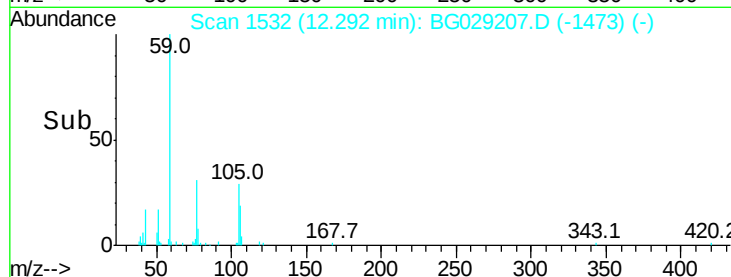
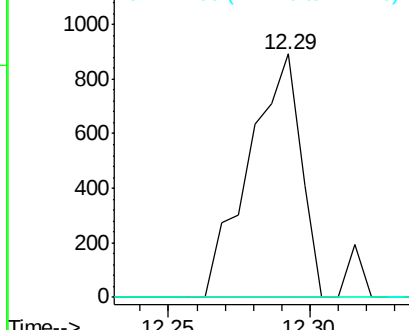
#33
4-Chloro-3-methylphenol
Concen: 0.157 ng/ul
RT: 12.29 min Scan# 1532
Delta R.T. 0.05 min
Lab File: BG029207.D
Acq: 14 Oct 2017 1:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 1136
Ion Ratio Lower Upper
107 100
144 0.0 18.0 27.0#
142 0.0 60.5 90.7#

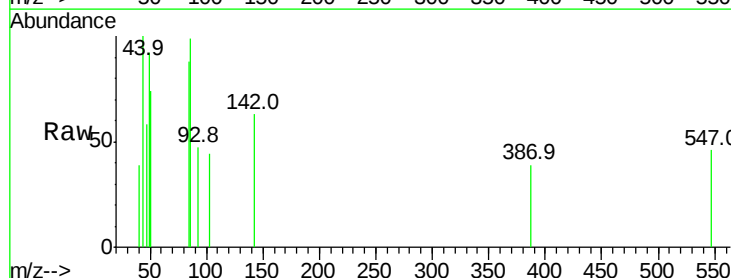


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

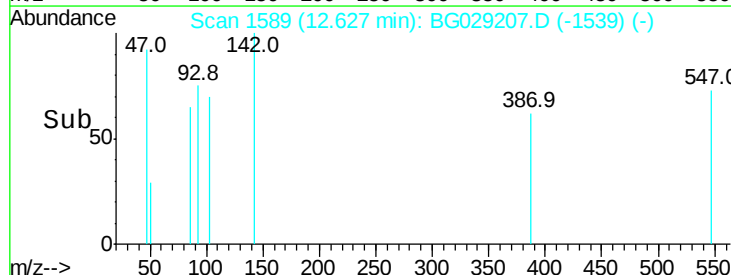
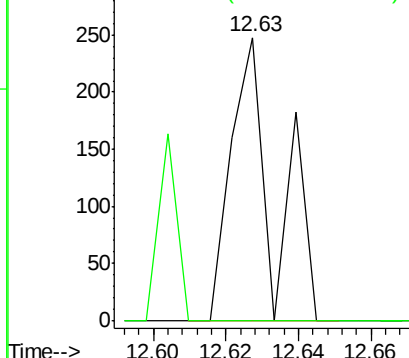


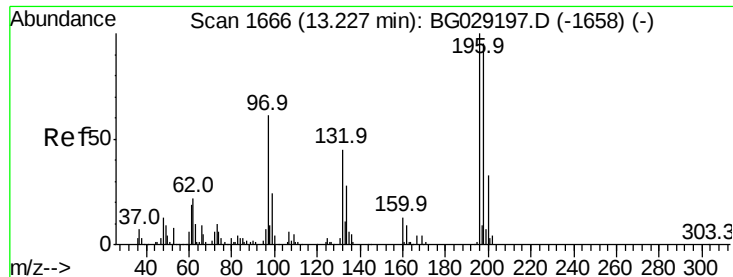
#34
2-Methylnaphthalene
Concen: 0.012 ng/ul
RT: 12.63 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG029207.D
Acq: 14 Oct 2017 1:30

Tgt Ion:142 Resp: 208
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

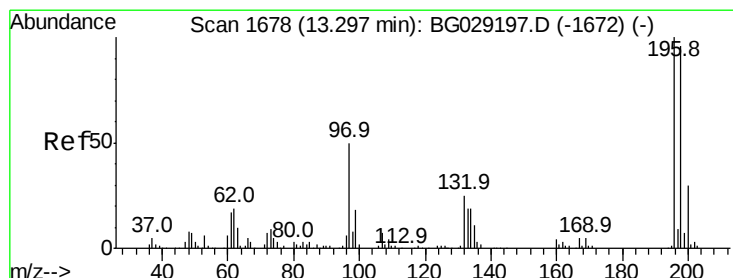
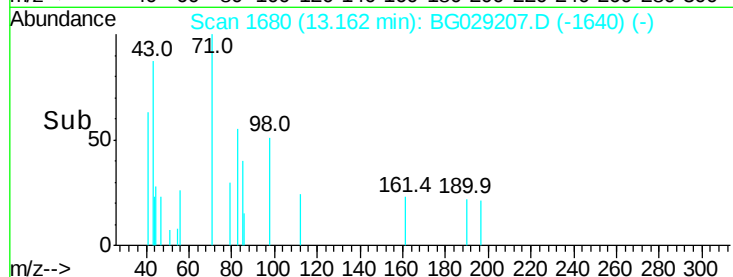
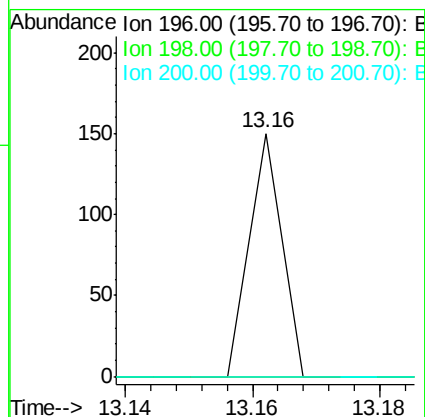
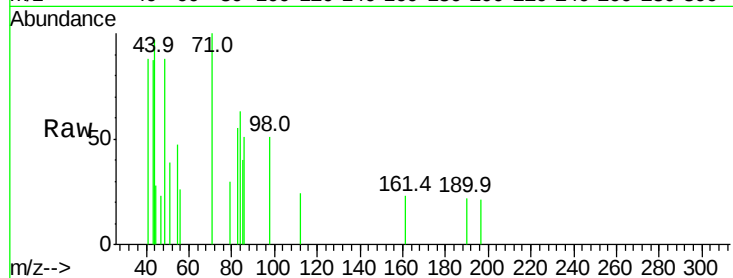




#38
 2,4,6-Trichlorophenol
 Concen: 0.011 ng/ul
 RT: 13.16 min Scan# 1680
 Delta R.T. -0.06 min
 Lab File: BG029207.D
 Acq: 14 Oct 2017 1:30

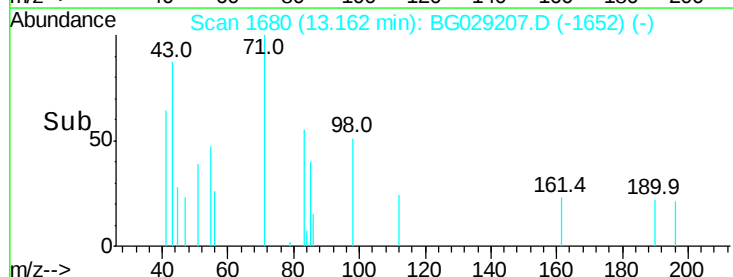
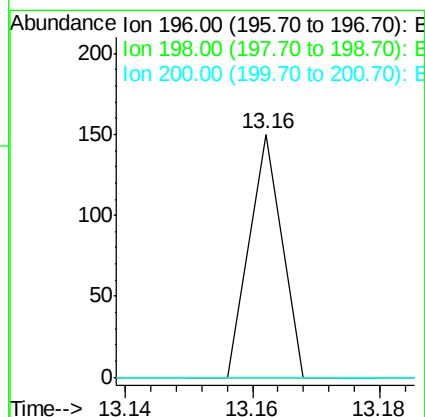
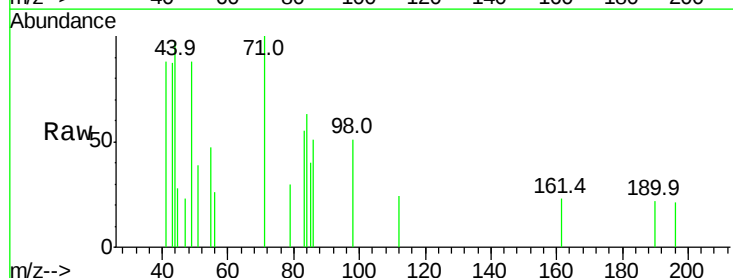
Instrument :
 BNA_G
 ClientSampleId :

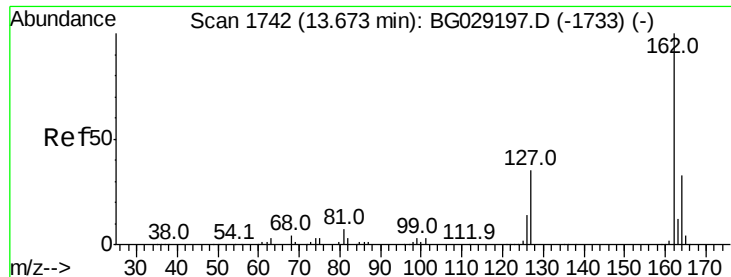
Tot Ion	Ratio	Lower	Upper
196	100		
198	0.0	75.2	112.8#
200	0.0	26.2	39.4#



#39
 2,4,5-Trichlorophenol
 Concen: 0.011 ng/ul
 RT: 13.16 min Scan# 1680
 Delta R.T. -0.14 min
 Lab File: BG029207.D
 Acq: 14 Oct 2017 1:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	0.0	75.8	113.6#
200	0.0	24.1	36.1#

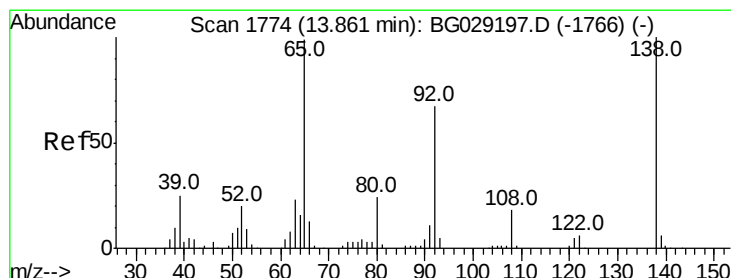
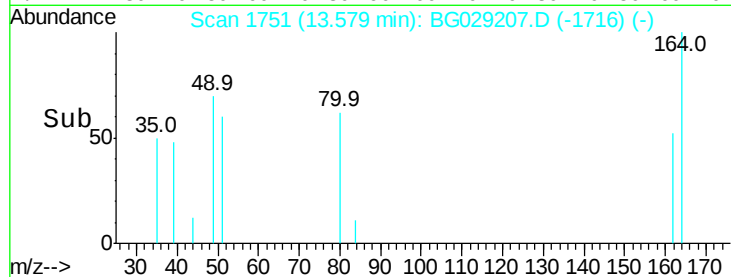
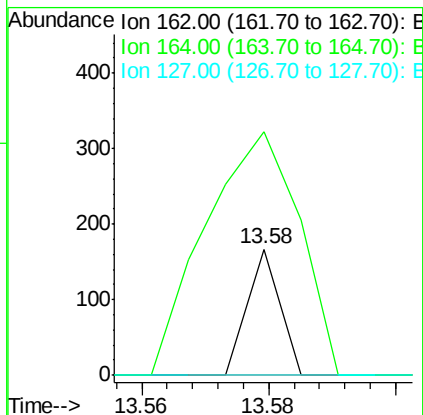
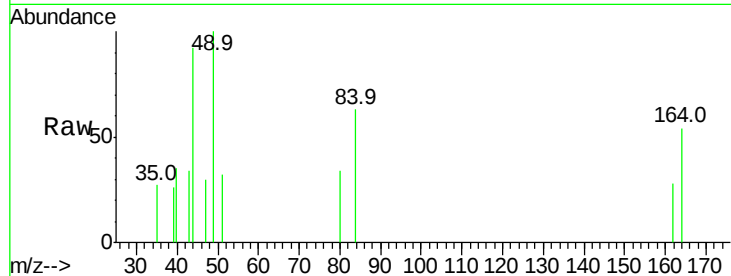




#41
 2-Chloronaphthalene
 Concen: 0.004 ng/ul
 RT: 13.58 min Scan# 1751
 Delta R.T. -0.09 min
 Lab File: BG029207.D
 Acq: 14 Oct 2017 1:30

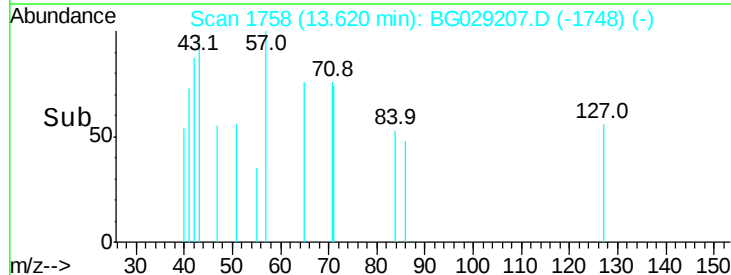
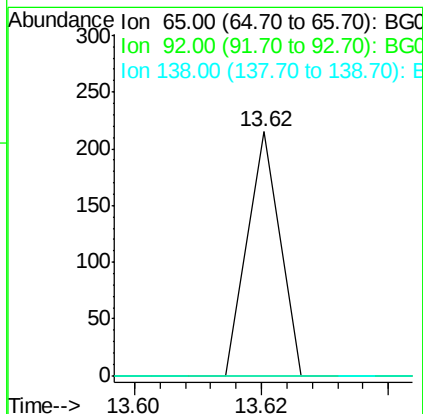
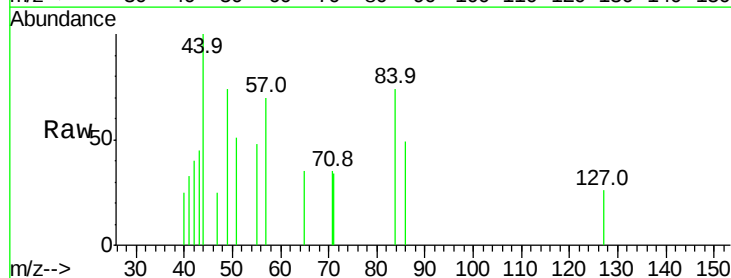
Instrument :
 BNA_G
 ClientSampleId :

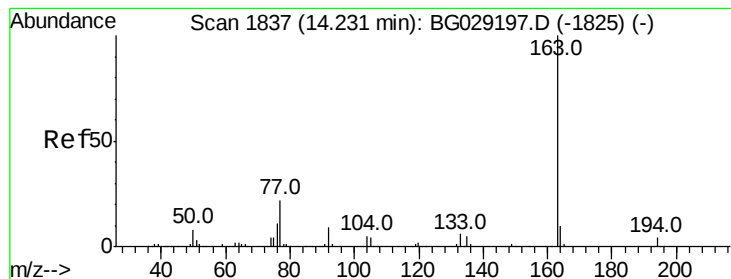
Tot Ion:162 Resp: 59
 Ion Ratio Lower Upper
 162 100
 164 192.8 25.0 37.6#
 127 0.0 30.6 46.0#



#42
 2-Nitroaniline
 Concen: 0.017 ng/ul
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.24 min
 Lab File: BG029207.D
 Acq: 14 Oct 2017 1:30

Tgt Ion: 65 Resp: 76
 Ion Ratio Lower Upper
 65 100
 92 0.0 55.3 82.9#
 138 0.0 70.3 105.5#





#44

Dimethylphthalate

Concen: 17.854 ng/ul

RT: 14.23 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

Instrument :

BNA_G

ClientSampleId :

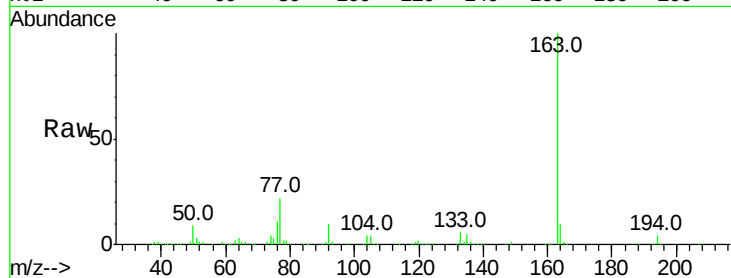
Tot Ion:163 Resp: 344552

Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

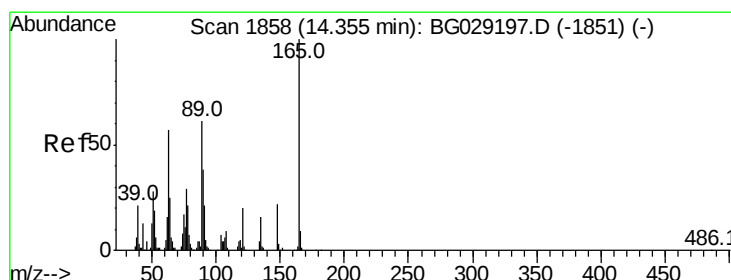
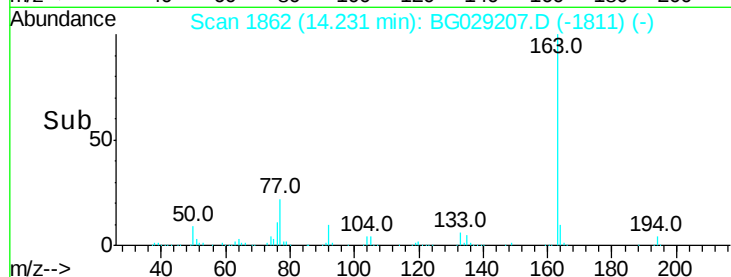
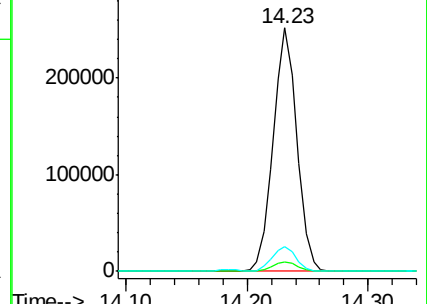
164 10.0 7.6 11.4



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



#45

2,6-Dinitrotoluene

Concen: 0.041 ng/ul

RT: 14.32 min Scan# 1877

Delta R.T. -0.04 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

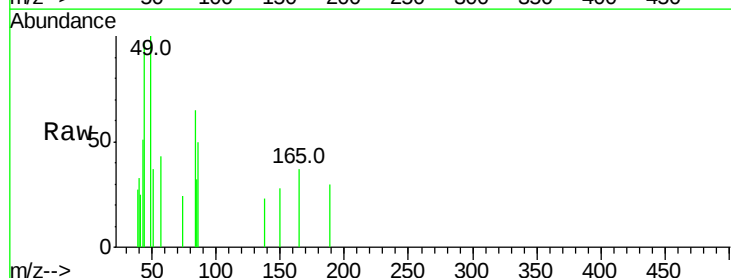
Tgt Ion:165 Resp: 139

Ion Ratio Lower Upper

165 100

89 0.0 51.1 76.7#

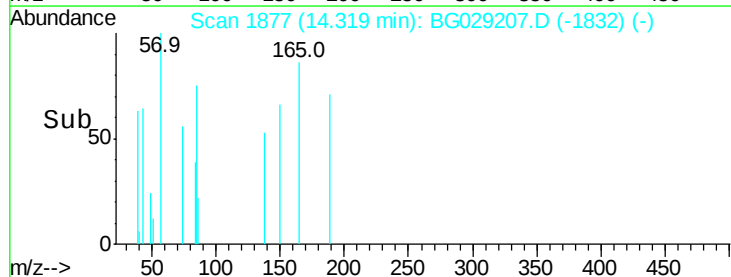
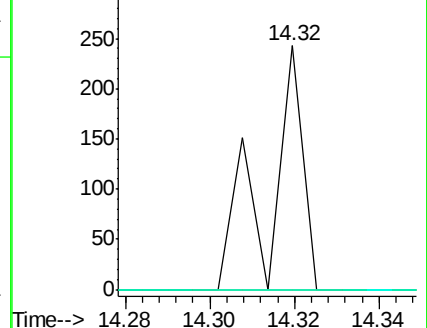
121 0.0 17.2 25.8#

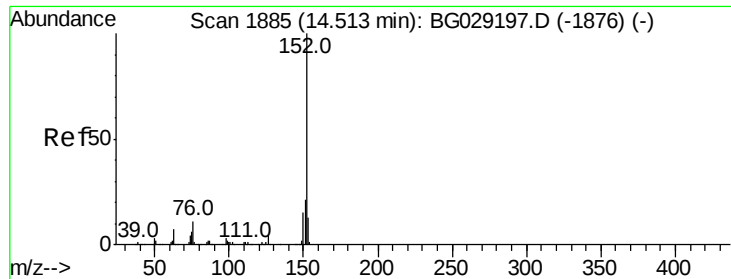


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 0.006 ng/ul

RT: 14.48 min Scan# 1905

Delta R.T. -0.03 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

Instrument :

BNA_G

ClientSampleId :

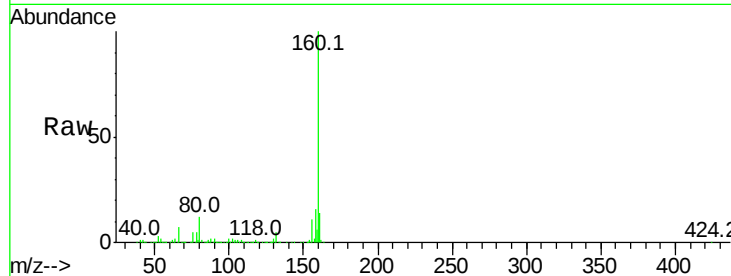
Tot Ion:152 Resp: 136

Ion Ratio Lower Upper

152 100

151 0.0 15.2 22.8#

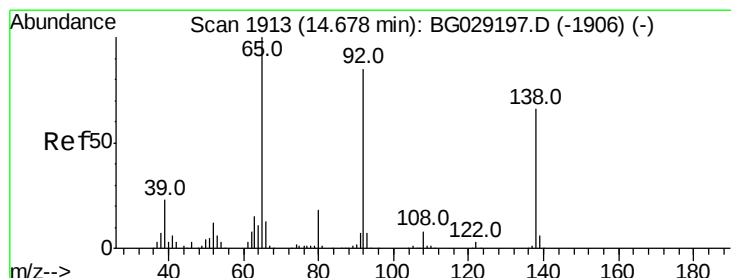
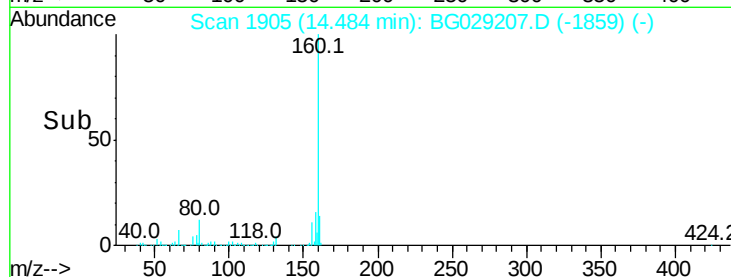
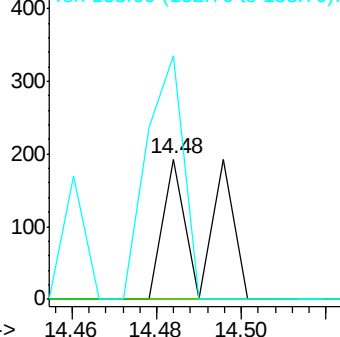
153 173.6 10.2 15.4#



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



#48

3-Nitroaniline

Concen: 0.017 ng/ul

RT: 14.82 min Scan# 1963

Delta R.T. 0.15 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

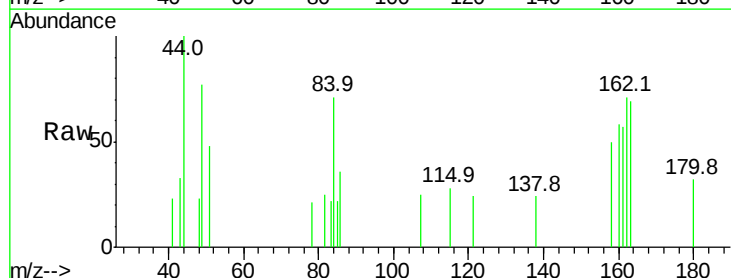
Tgt Ion:138 Resp: 62

Ion Ratio Lower Upper

138 100

108 0.0 10.5 15.7#

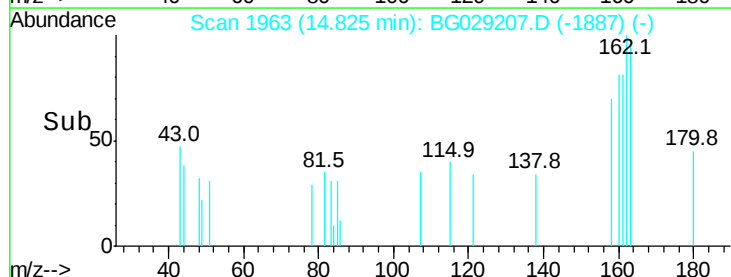
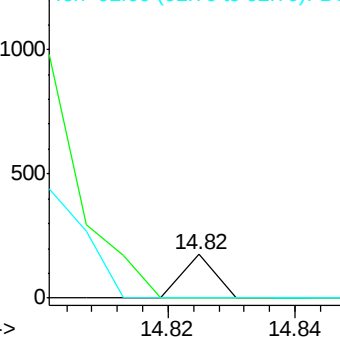
92 0.0 107.8 161.8#

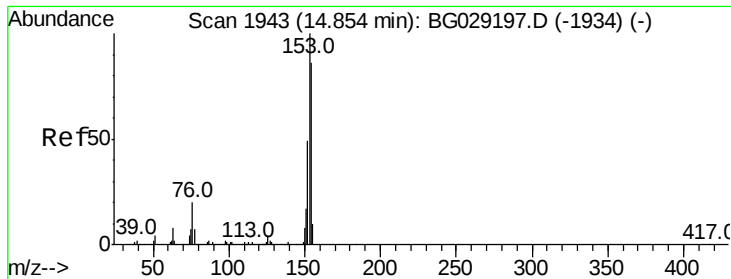


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#49

Acenaphthene

Concen: 0.005 ng/ul

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG029207.D

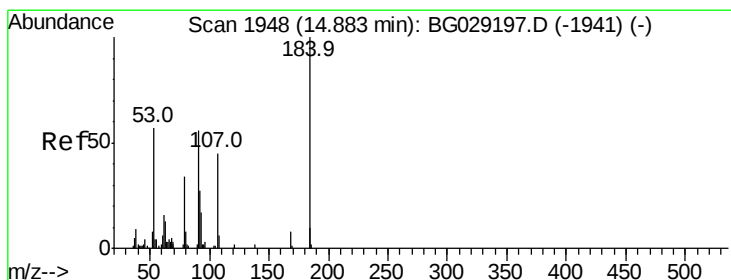
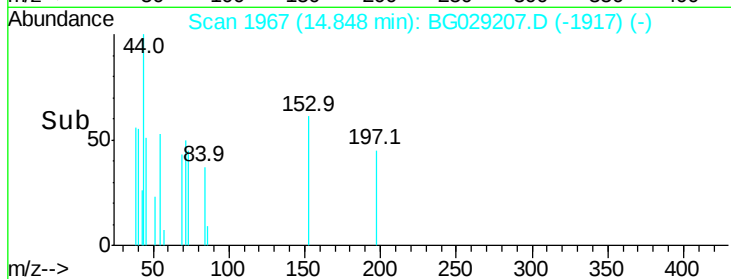
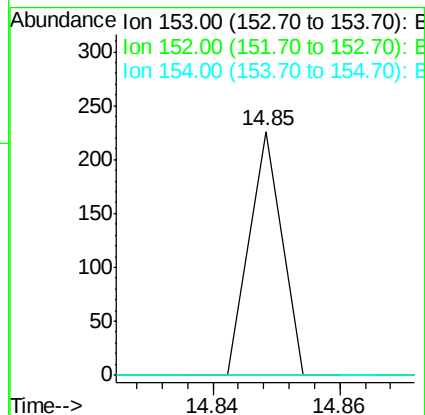
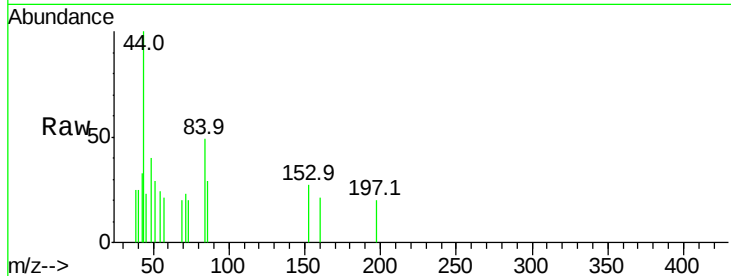
Acq: 14 Oct 2017 1:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
153	100		
152	0.0	38.2	57.2#
154	0.0	70.6	105.8#



#50

2,4-Dinitrophenol

Concen: 0.030 ng/ul

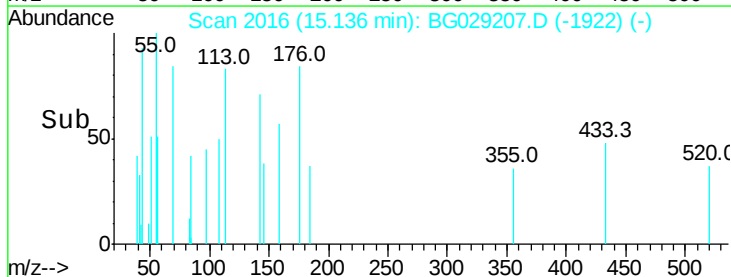
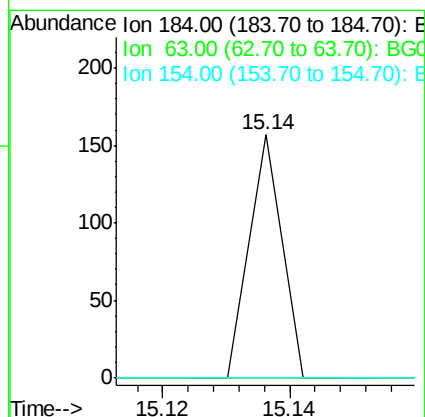
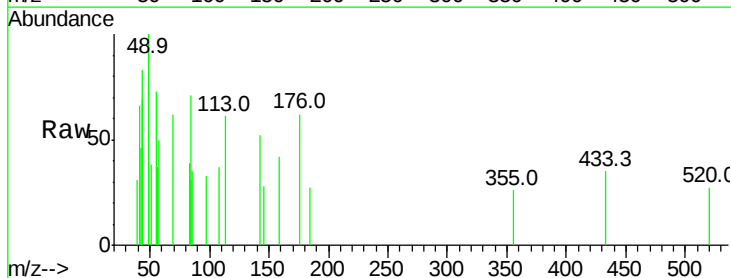
RT: 15.14 min Scan# 2016

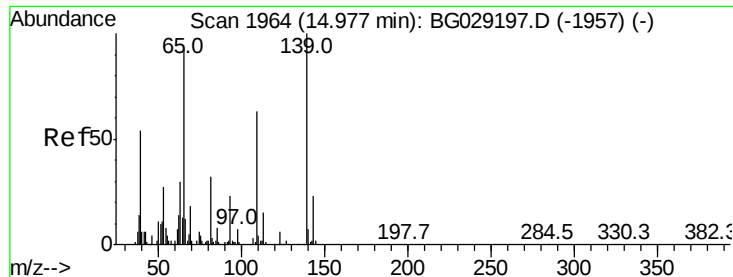
Delta R.T. 0.25 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	58.6	87.8#
154	0.0	55.8	83.6#





#52

4-Nitrophenol

Concen: 0.021 ng/ul

RT: 14.95 min Scan# 1984

Delta R.T. -0.03 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

Instrument :

BNA_G

ClientSampleId :

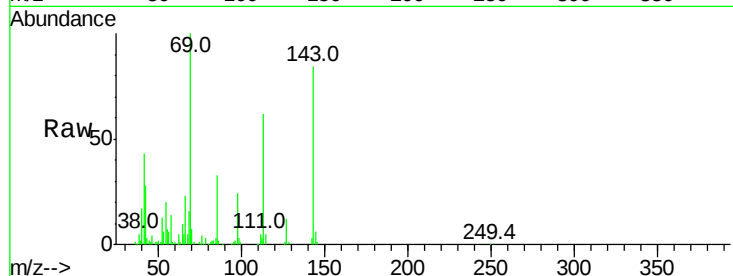
Tot Ion:109 Resp: 57

Ion Ratio Lower Upper

109 100

139 0.0 89.5 134.3#

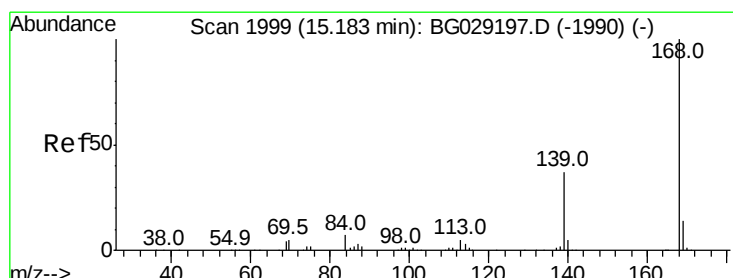
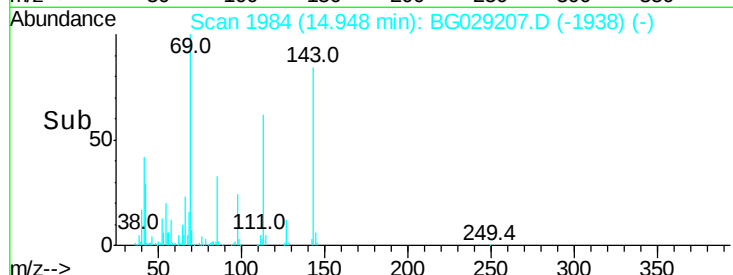
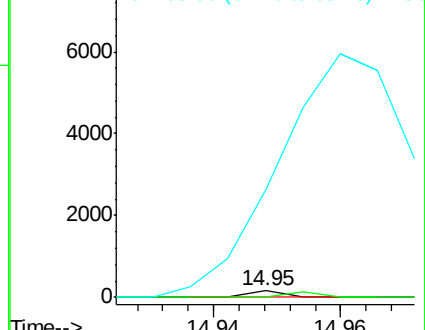
65 1620.2 98.3 147.5#



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: 0.005 ng/ul

RT: 15.18 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BG029207.D

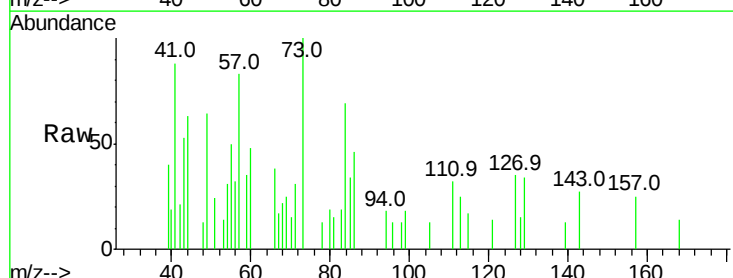
Acq: 14 Oct 2017 1:30

Tgt Ion:168 Resp: 121

Ion Ratio Lower Upper

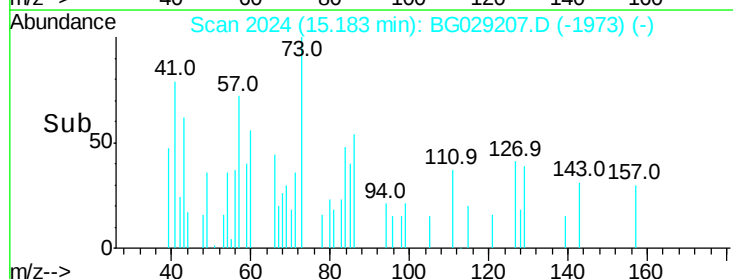
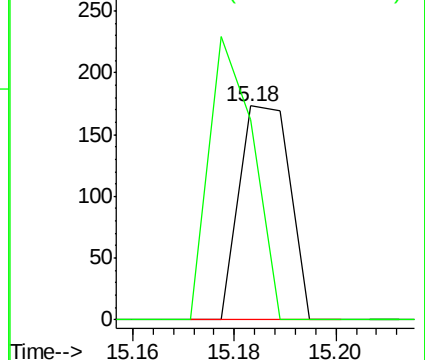
168 100

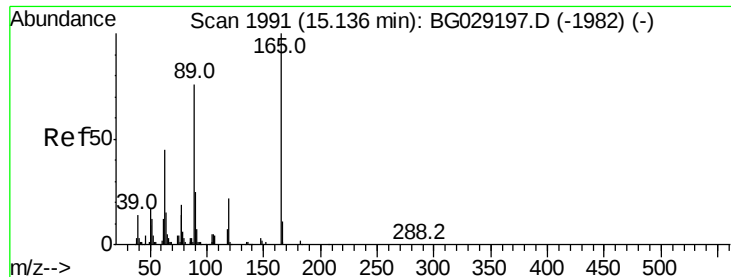
139 93.6 31.4 47.2#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

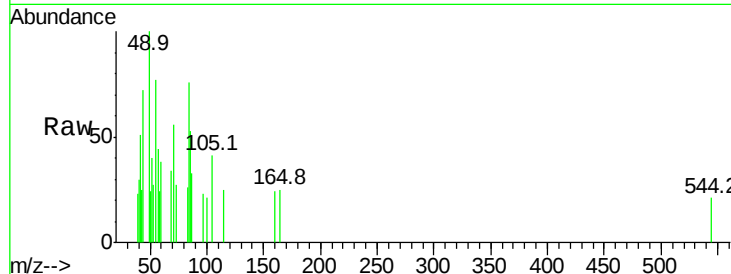




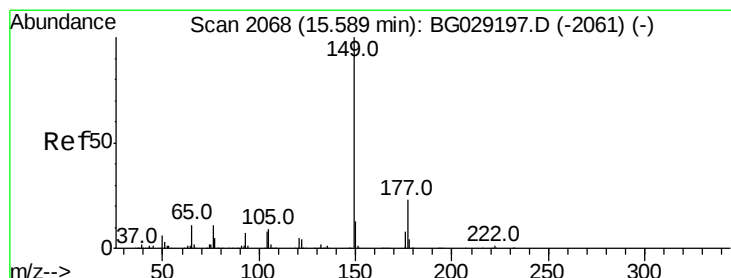
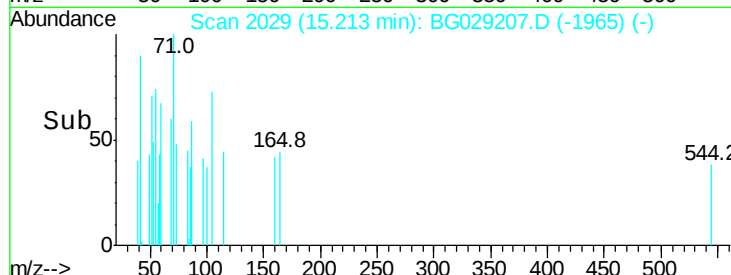
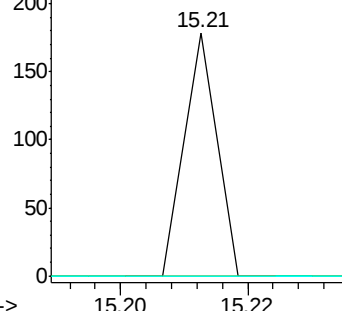
#54
2,4-Dinitrotoluene
Concen: 0.013 ng/ul
RT: 15.21 min Scan# 2029
Delta R.T. 0.08 min
Lab File: BG029207.D
Acq: 14 Oct 2017 1:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.2	57.4#
182	0.0	2.3	3.5#

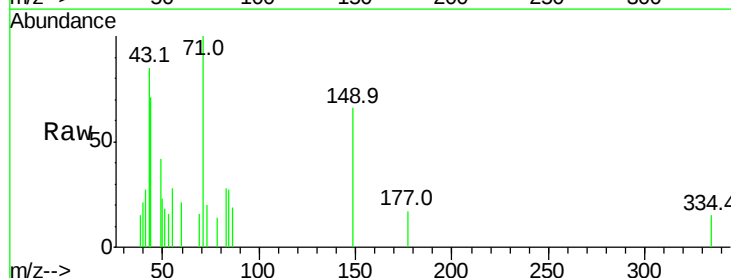


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 182.00 (181.70 to 182.70): E

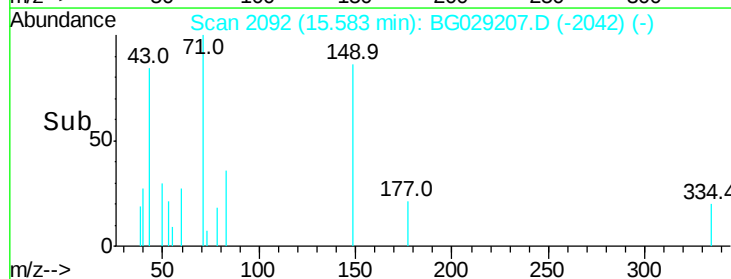
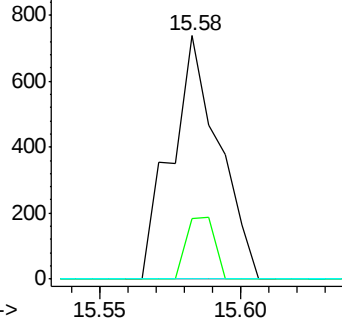


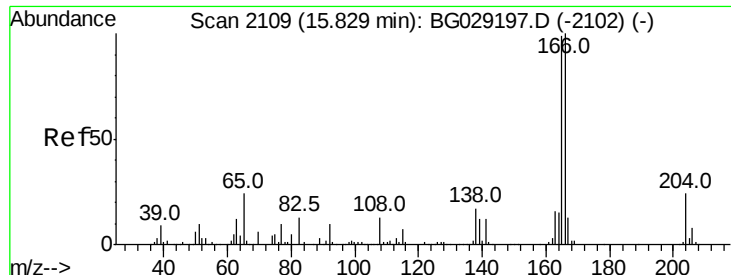
#56
Diethylphthalate
Concen: 0.043 ng/ul
RT: 15.58 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BG029207.D
Acq: 14 Oct 2017 1:30

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.1	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: 0.008 ng/ul

RT: 15.84 min Scan# 2135

Delta R.T. 0.01 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

Instrument :

BNA_G

ClientSampleId :

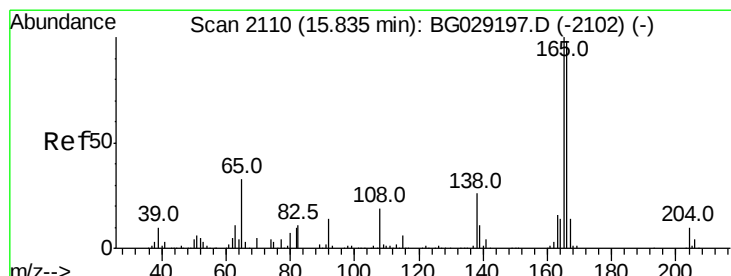
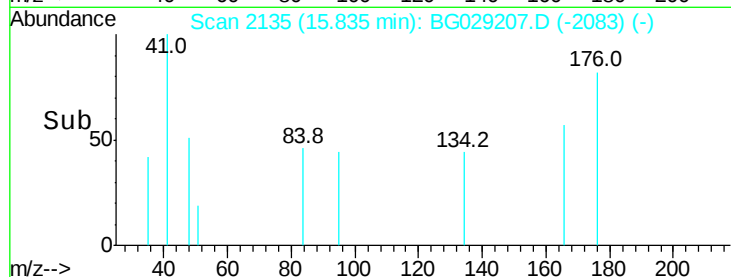
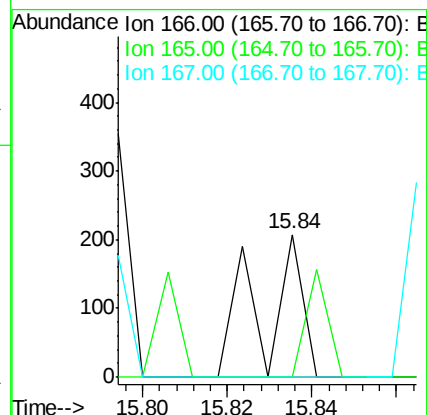
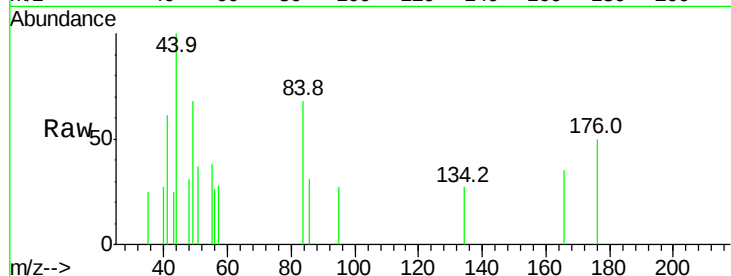
Tot Ion:166 Resp: 141

Ion Ratio Lower Upper

166 100

165 0.0 79.9 119.9#

167 0.0 10.6 16.0#



#60

4-Nitroaniline

Concen: 0.113 ng/ul

RT: 15.78 min Scan# 2126

Delta R.T. -0.05 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

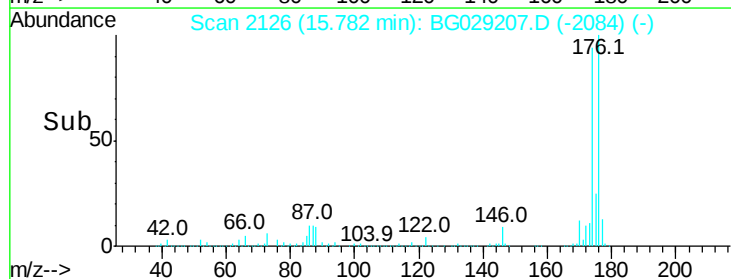
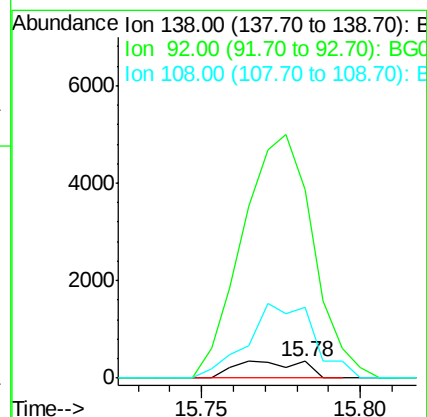
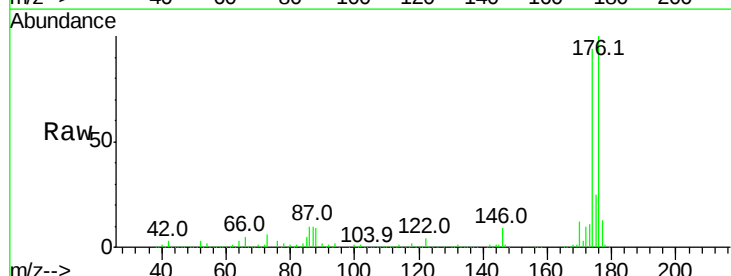
Tgt Ion:138 Resp: 510

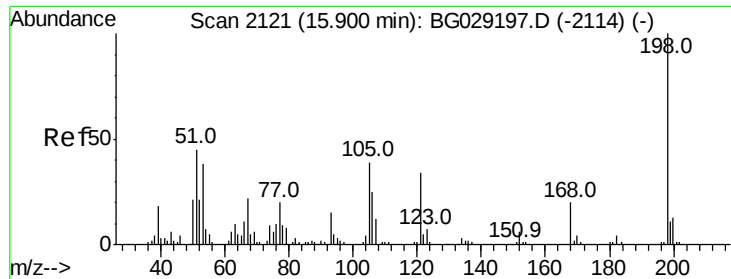
Ion Ratio Lower Upper

138 100

92 1122.3 44.2 66.2#

108 421.2 63.7 95.5#

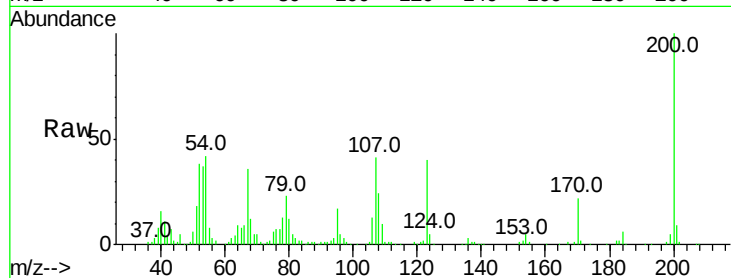




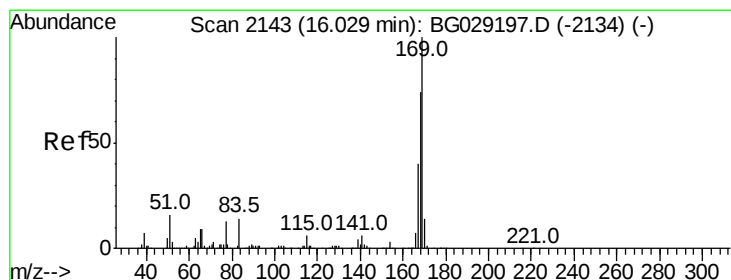
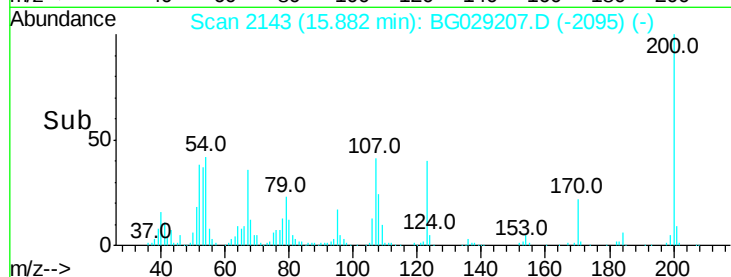
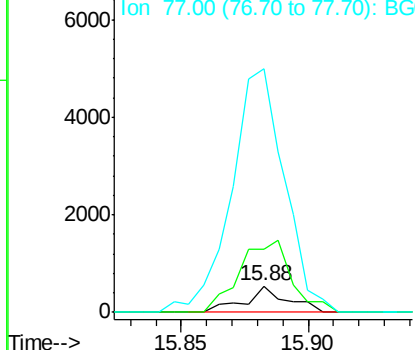
#63
 4,6-Dinitro-2-methylphenol
 Concen: 0.210 ng/ul
 RT: 15.88 min Scan# 2143
 Delta R.T. -0.02 min
 Lab File: BG029207.D
 Acq: 14 Oct 2017 1:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 620
 Ion Ratio Lower Upper
 198 100
 182 239.8 4.6 5.0#
 77 924.4 25.9 39.7#

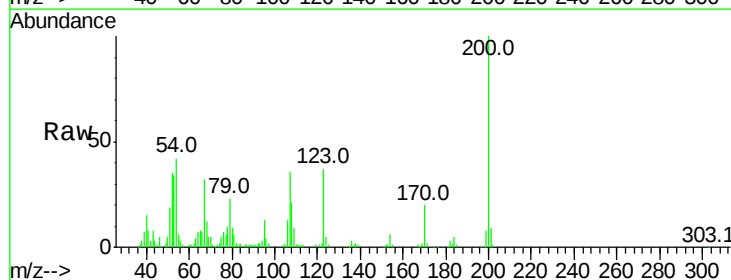


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): B

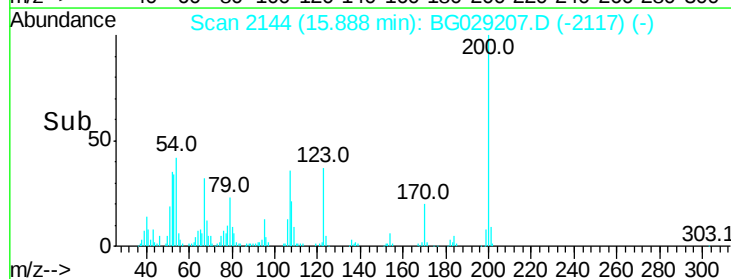
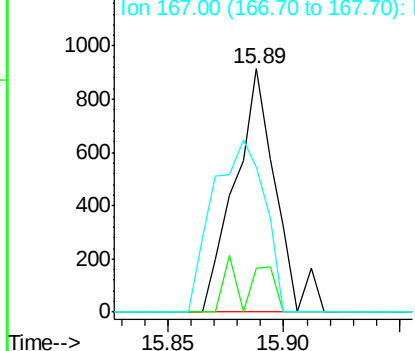


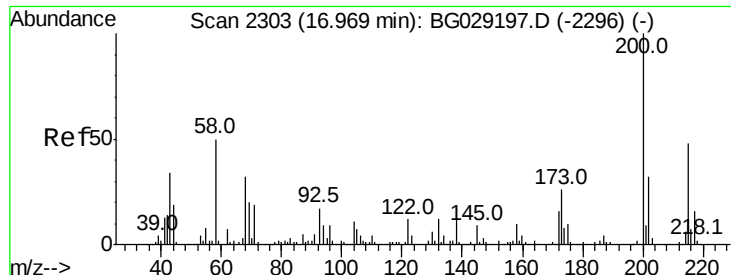
#64
 N-Nitrosodiphenylamine
 Concen: 0.066 ng/ul
 RT: 15.89 min Scan# 2144
 Delta R.T. -0.14 min
 Lab File: BG029207.D
 Acq: 14 Oct 2017 1:30

Tgt Ion:169 Resp: 1124
 Ion Ratio Lower Upper
 169 100
 168 17.9 54.1 81.1#
 167 59.8 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

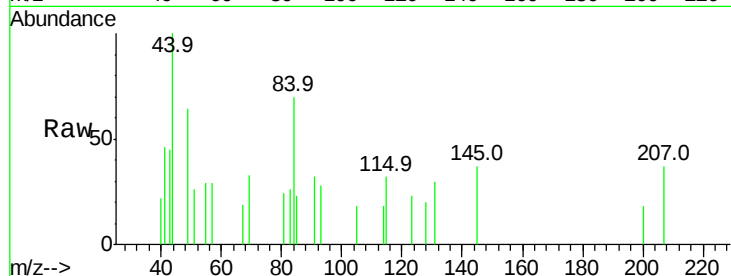




#67
Atrazine
Concen: 0.009 ng/ul
RT: 16.78 min Scan# 2296
Delta R.T. -0.19 min
Lab File: BG029207.D
Acq: 14 Oct 2017 1:30

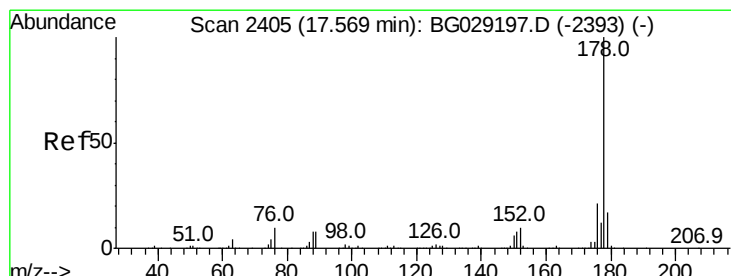
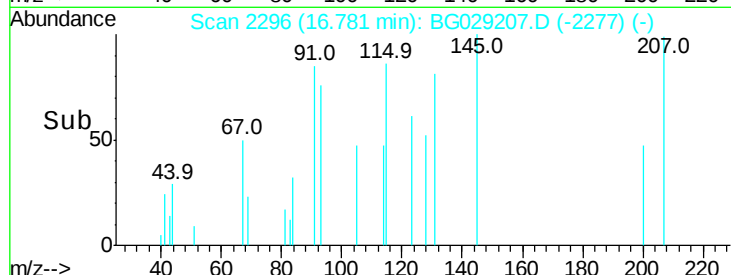
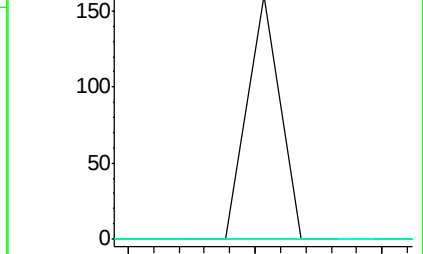
Instrument :
BNA_G
ClientSampleId :

Tot Ion:200 Resp: 56
Ion Ratio Lower Upper
200 100
173 0.0 21.8 32.6#
215 0.0 39.4 59.0#



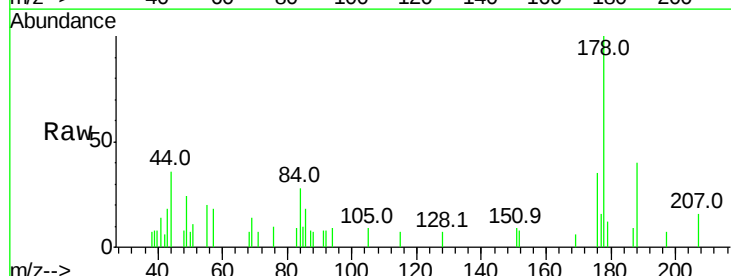
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

16.78



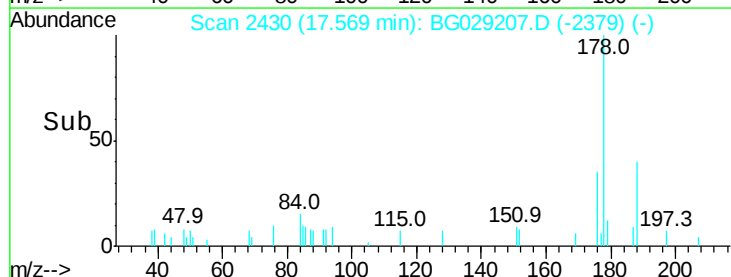
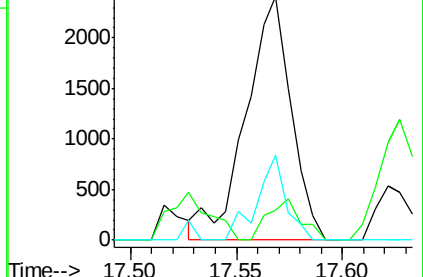
#69
Phenanthrene
Concen: 0.116 ng/ul
RT: 17.57 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG029207.D
Acq: 14 Oct 2017 1:30

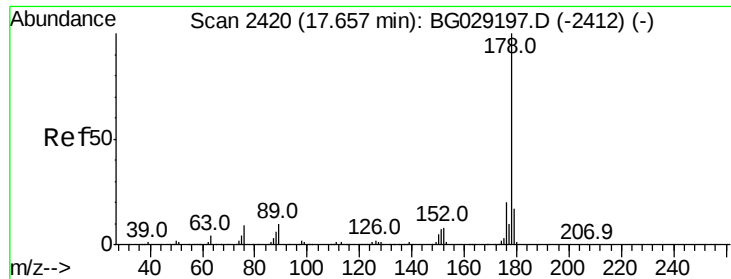
Tgt Ion:178 Resp: 3584
Ion Ratio Lower Upper
178 100
179 12.1 13.0 19.6#
176 34.8 15.3 22.9#



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

17.57





#71

Anthracene

Concen: 0.010 ng/ul

RT: 17.65 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

Instrument :

BNA_G

ClientSampleId :

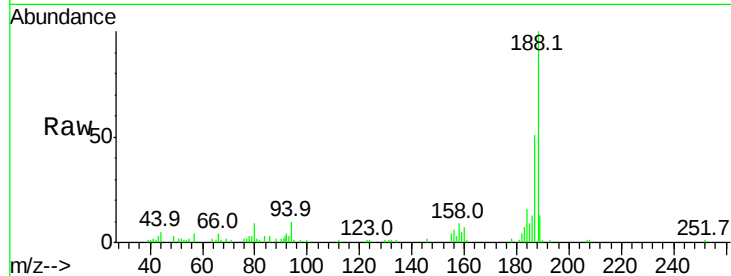
Tot Ion:178 Resp: 323

Ion Ratio Lower Upper

178 100

179 0.0 13.2 19.8#

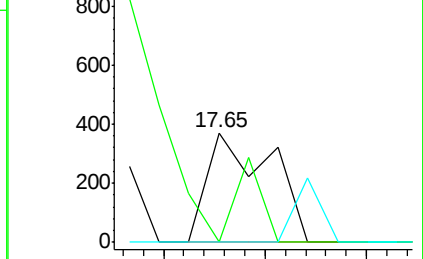
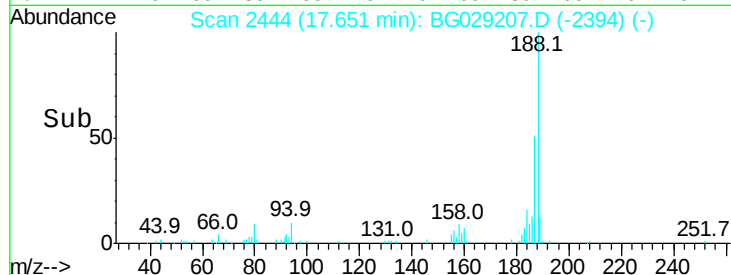
176 0.0 16.0 24.0#



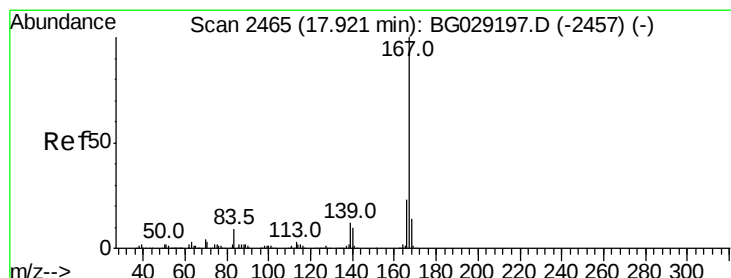
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#72

Carbazole

Concen: 0.009 ng/ul

RT: 17.92 min Scan# 2490

Delta R.T. 0.00 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

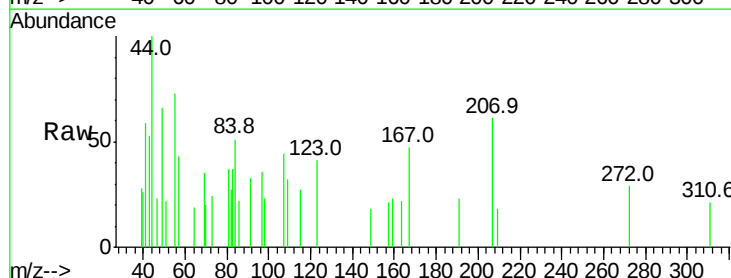
Tgt Ion:167 Resp: 265

Ion Ratio Lower Upper

167 100

166 0.0 18.6 28.0#

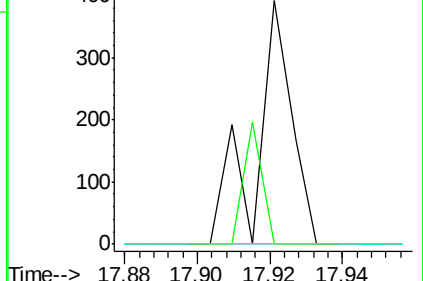
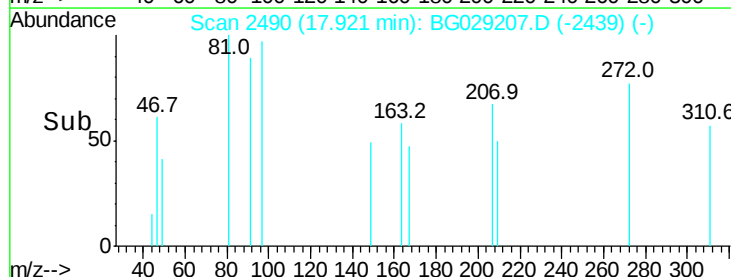
139 0.0 10.6 16.0#



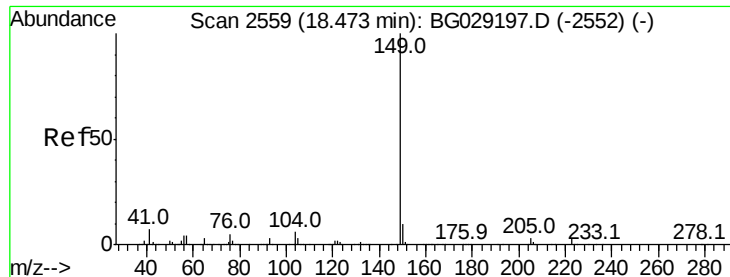
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#73

Di-n-butylphthalate

Concen: 0.102 ng/ul

RT: 18.47 min Scan# 2584

Delta R.T. 0.00 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

Instrument :

BNA_G

ClientSampleId :

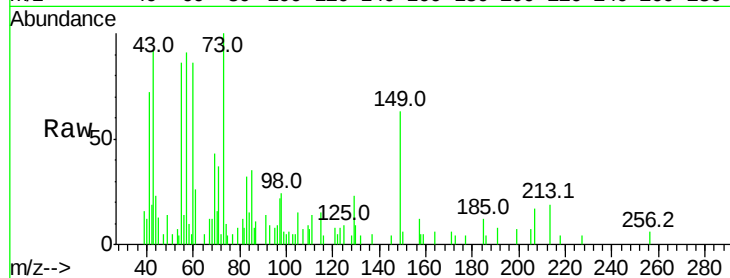
Tot Ion:149 Resp: 3504

Ion Ratio Lower Upper

149 100

150 9.7 7.5 11.3

104 8.0 4.6 7.0#

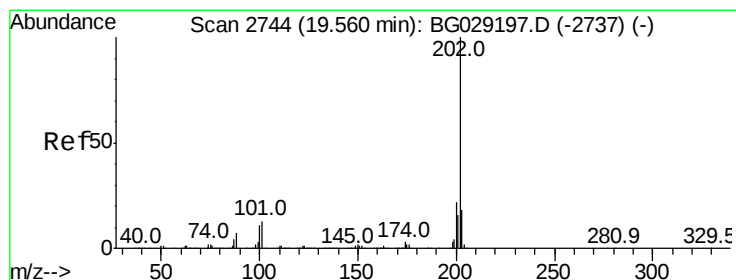
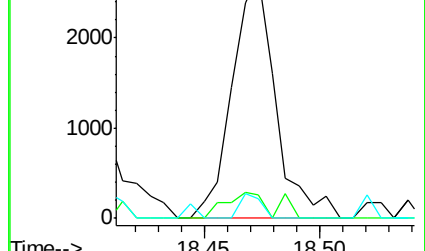
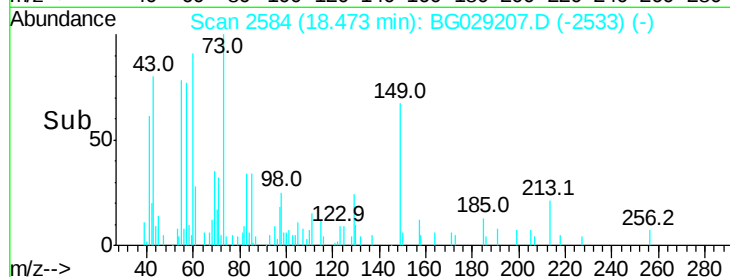


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



#74

Fluoranthene

Concen: 0.225 ng/ul

RT: 19.56 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

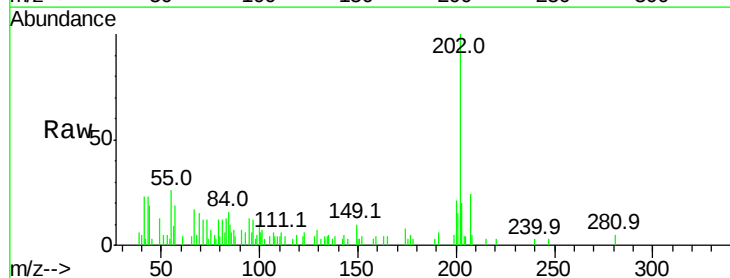
Tgt Ion:202 Resp: 7786

Ion Ratio Lower Upper

202 100

101 6.7 7.4 11.2#

100 16.6 5.6 8.4#

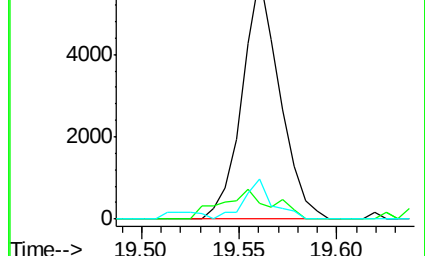
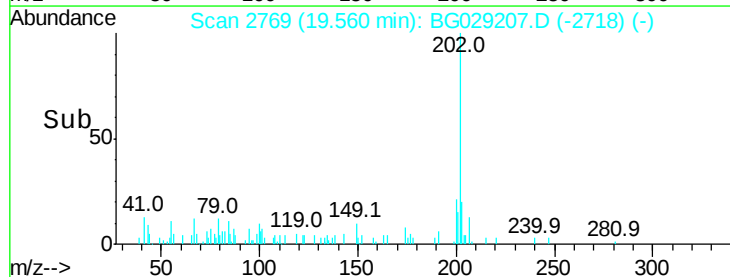


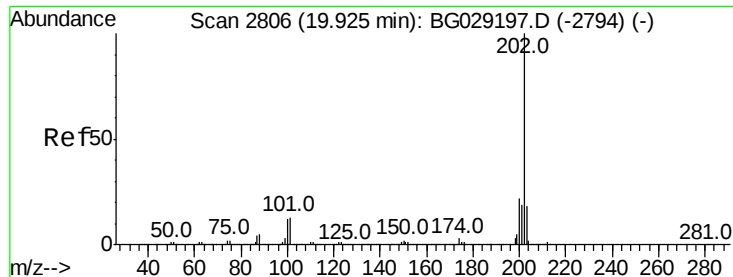
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->





#77

Pvrene

Concen: 0.212 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

Instrument :

BNA_G

ClientSampleId :

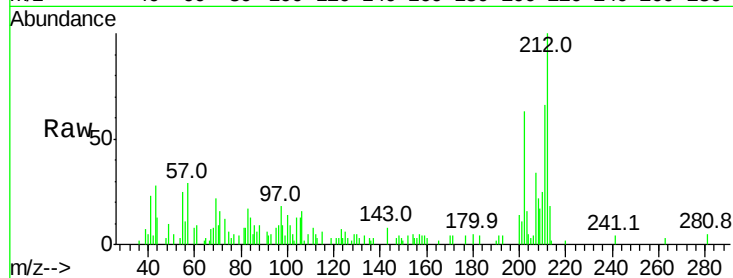
Tot Ion:202 Resp: 7952

Ion Ratio Lower Upper

202 100

101 14.2 8.4 12.6#

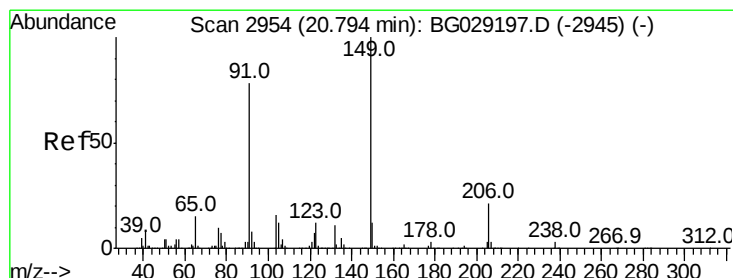
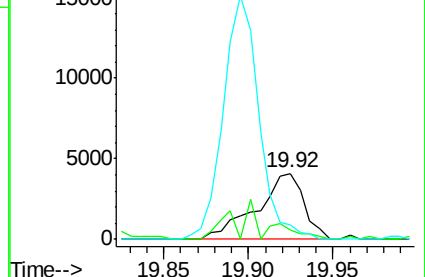
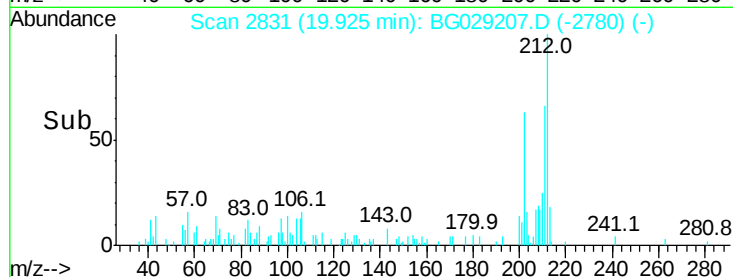
100 21.6 7.0 10.6#



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: 0.028 ng/ul

RT: 20.78 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

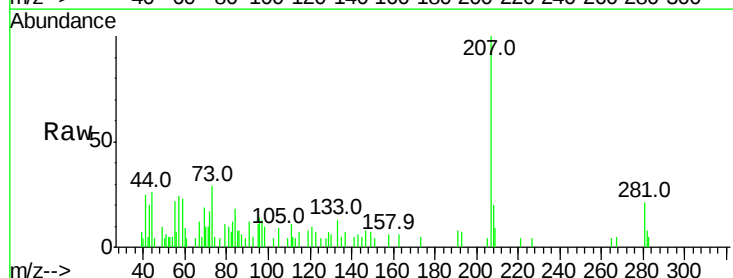
Tgt Ion:149 Resp: 422

Ion Ratio Lower Upper

149 100

91 178.6 61.3 91.9#

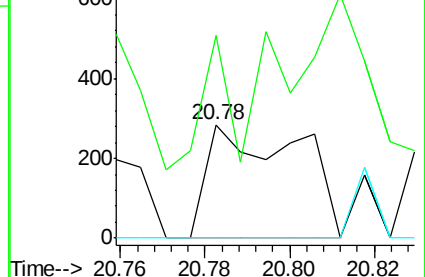
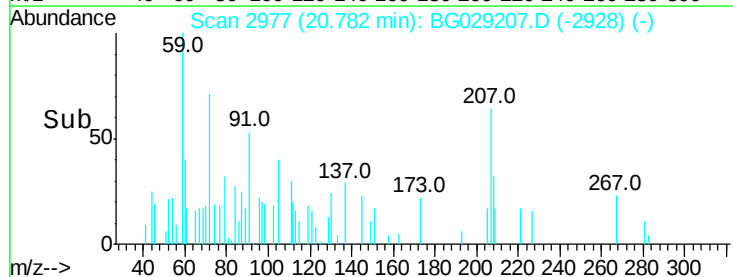
206 0.0 19.5 29.3#

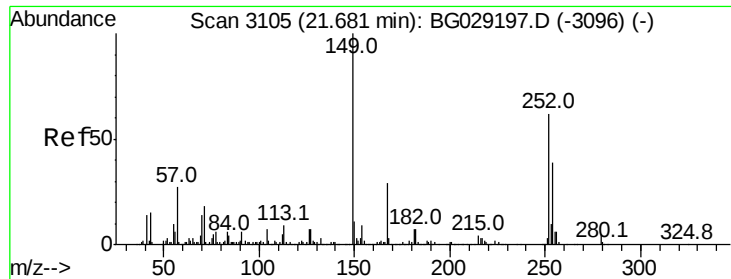


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#79

3,3'-Dichlorobenzidine

Concen: 0.006 ng/ul

RT: 21.82 min Scan# 3153

Delta R.T. 0.14 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

Instrument :

BNA_G

ClientSampleId :

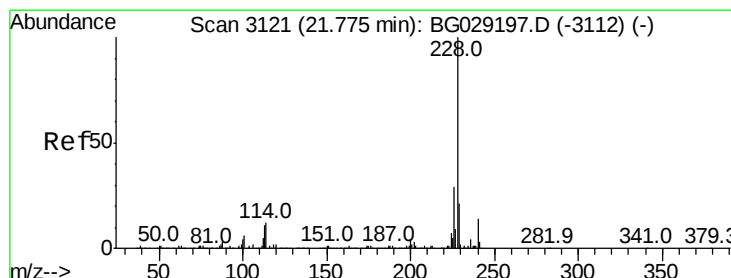
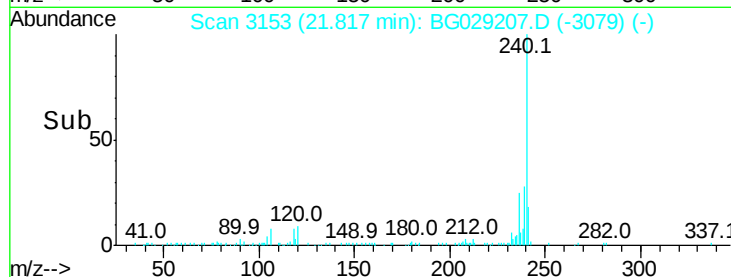
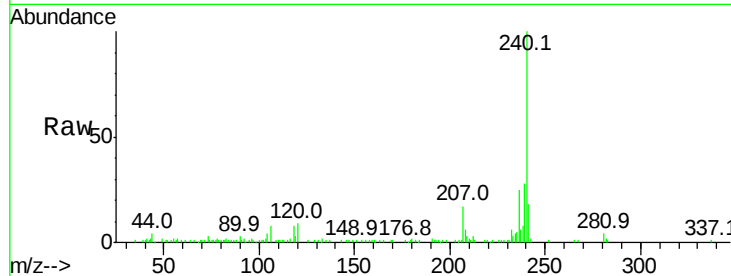
Tot Ion:252 Resp: 62

Ion Ratio Lower Upper

252 100

254 0.0 51.4 77.2#

126 107.4 9.3 13.9#



#80

Benzo(a)anthracene

Concen: 0.152 ng/ul

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

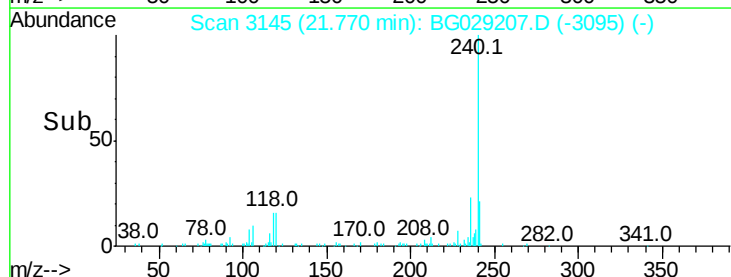
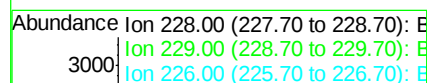
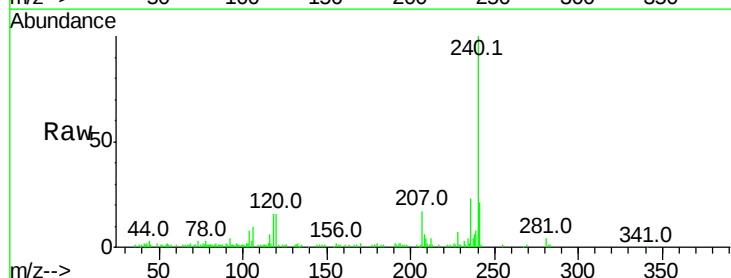
Tgt Ion:228 Resp: 5324

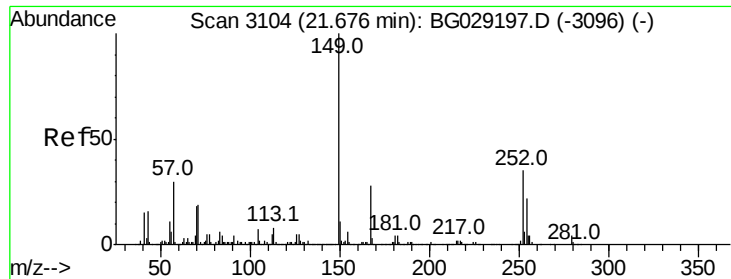
Ion Ratio Lower Upper

228 100

229 13.9 16.2 24.4#

226 21.8 22.2 33.2#

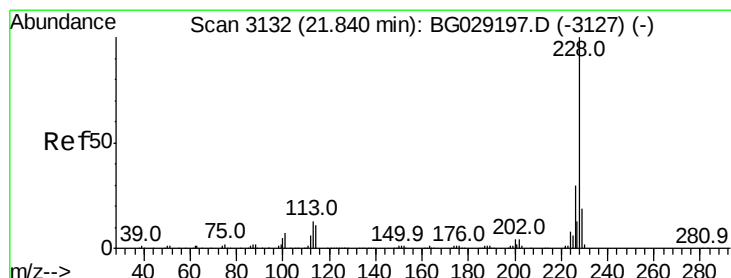
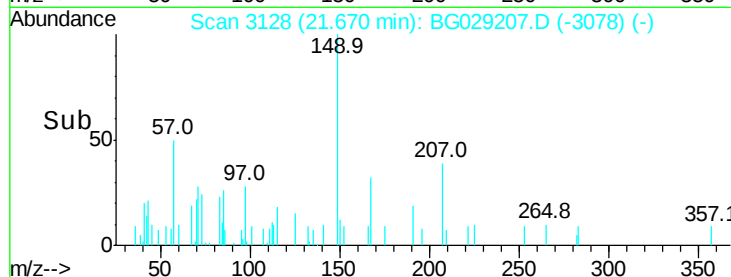
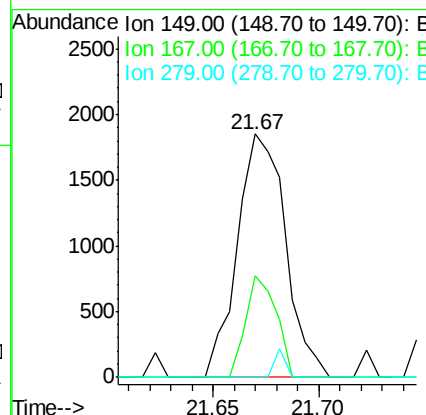
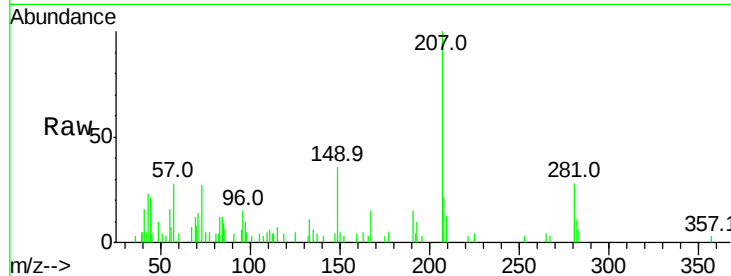




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 0.133 ng/ul
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BG029207.D
 Acq: 14 Oct 2017 1:30

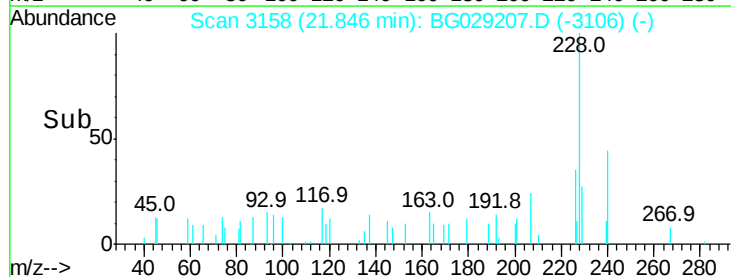
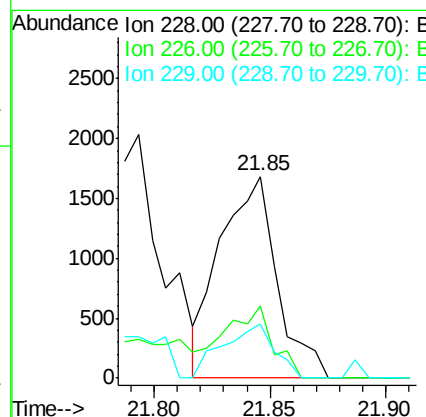
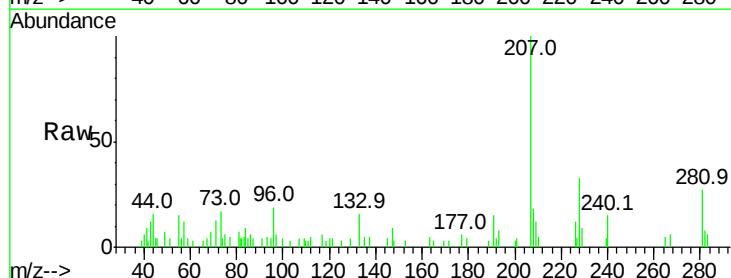
Instrument :
 BNA_G
 ClientSampled :

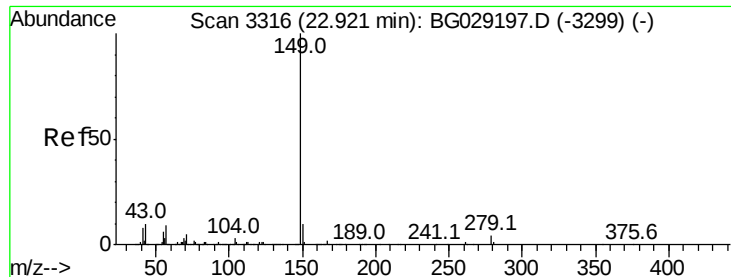
Tot Ion	Ratio	Lower	Upper
149	100		
167	41.5	23.2	34.8#
279	0.0	3.1	4.7#



#82
 Chrysene
 Concen: 0.091 ng/ul
 RT: 21.85 min Scan# 3158
 Delta R.T. 0.01 min
 Lab File: BG029207.D
 Acq: 14 Oct 2017 1:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.5	24.2	36.2
229	27.0	15.2	22.8#





#84

Di-n-octyl phthalate

Concen: 0.006 ng/ul

RT: 22.92 min Scan# 3341

Delta R.T. 0.00 min

Lab File: BG029207.D

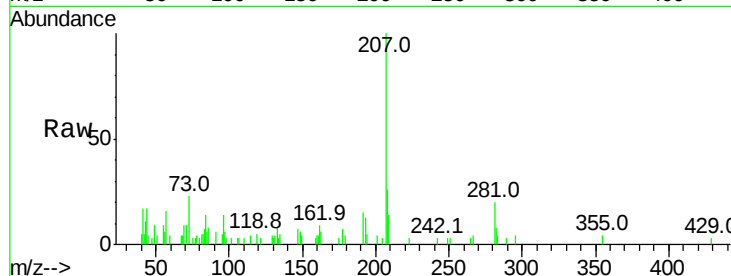
Acq: 14 Oct 2017 1:30

Instrument :

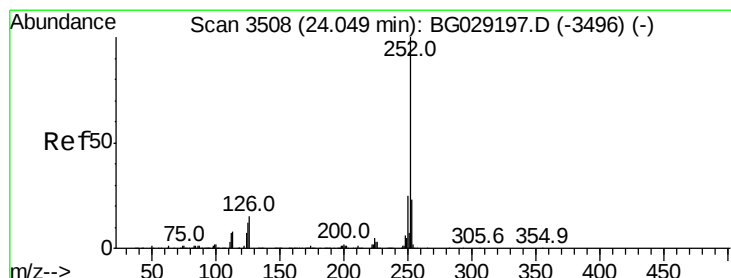
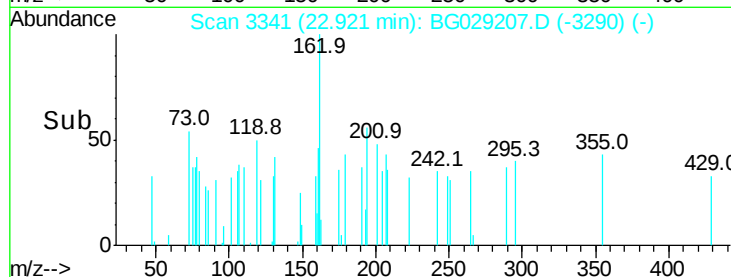
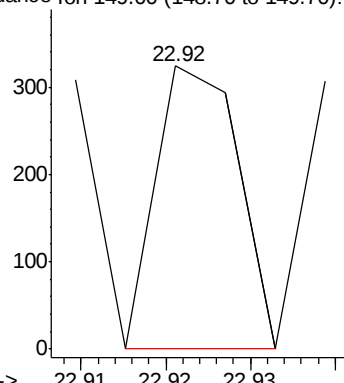
BNA_G

ClientSampled :

Tgt Ion:149 Resp: 217



Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 0.130 ng/ul

RT: 24.05 min Scan# 3533

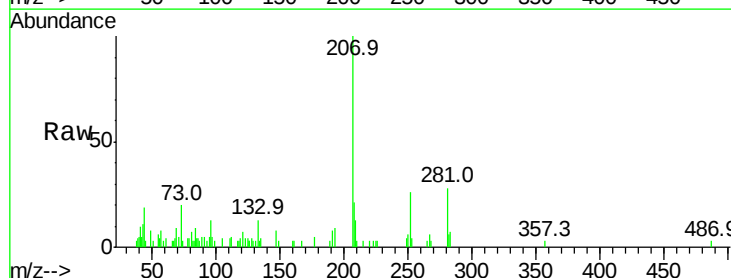
Delta R.T. 0.00 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

Tgt Ion:252 Resp: 4287

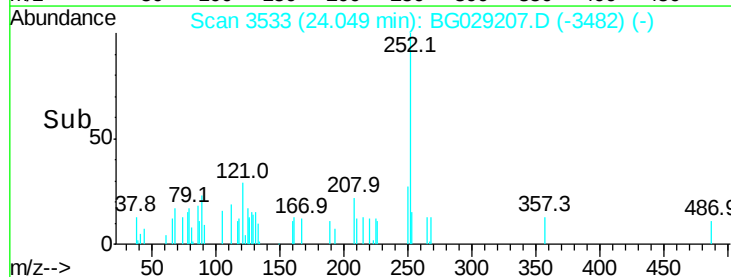
Ion	Ratio	Lower	Upper
252	100		
253	13.2	17.0	25.4#
125	26.6	7.5	11.3#



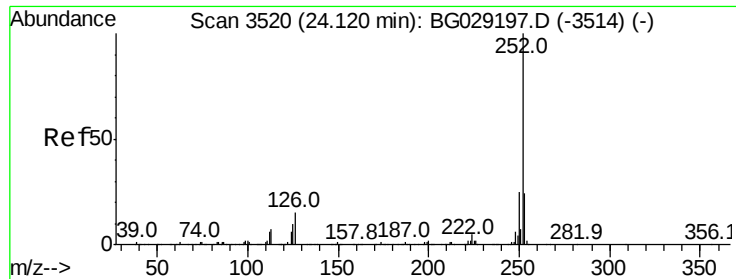
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



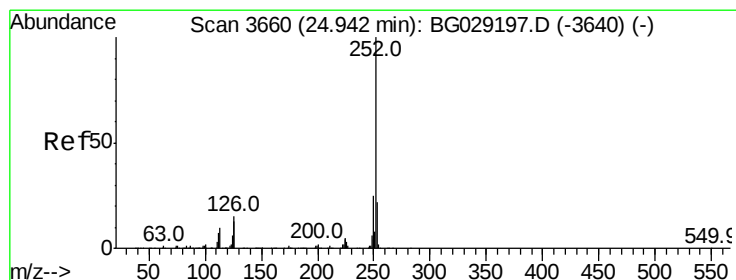
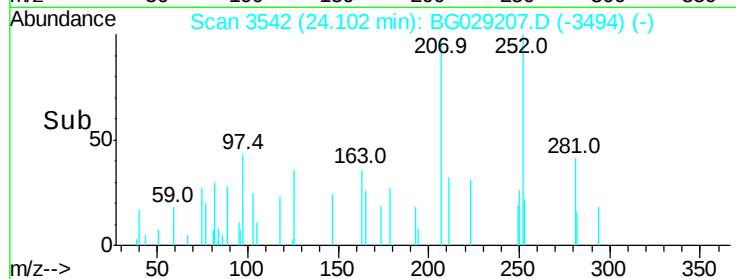
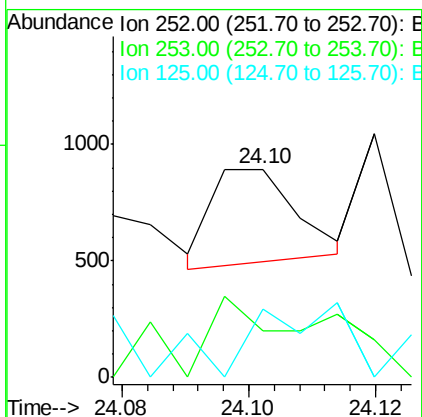
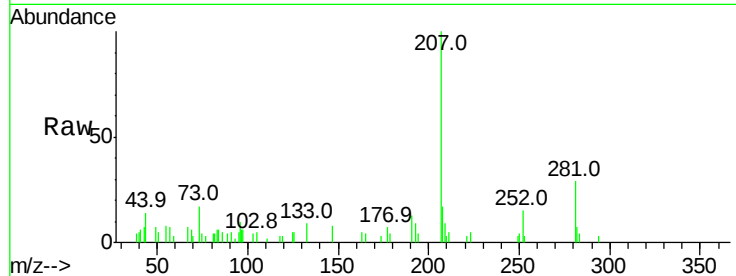
Time-->



#86
Benzo(k)fluoranthene
Concen: 0.012 ng/ul
RT: 24.10 min Scan# 3542
Delta R.T. -0.02 min
Lab File: BG029207.D
Acq: 14 Oct 2017 1:30

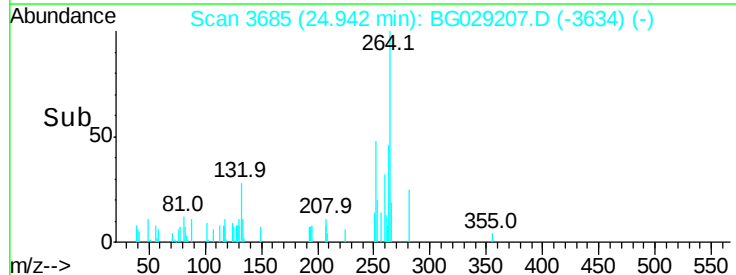
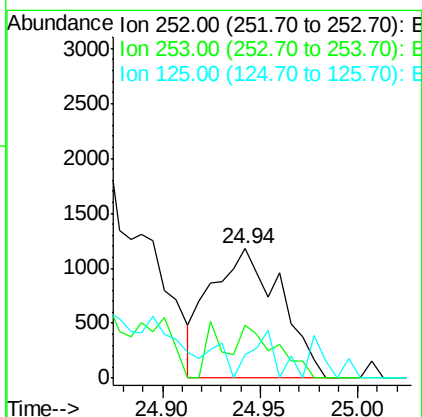
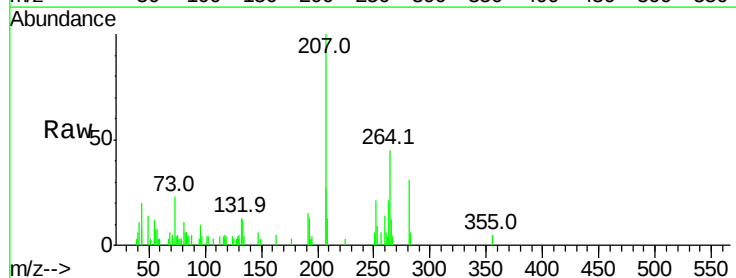
Instrument :
BNA_G
ClientSampled :

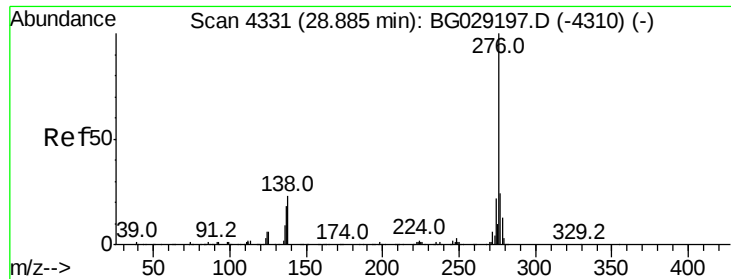
Tot Ion:252 Resp: 372
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 32.9 7.8 11.8#



#88
Benzo(a)pyrene
Concen: 0.091 ng/ul
RT: 24.94 min Scan# 3685
Delta R.T. 0.00 min
Lab File: BG029207.D
Acq: 14 Oct 2017 1:30

Tgt Ion:252 Resp: 2930
Ion Ratio Lower Upper
252 100
253 41.2 17.1 25.7#
125 18.1 7.8 11.8#



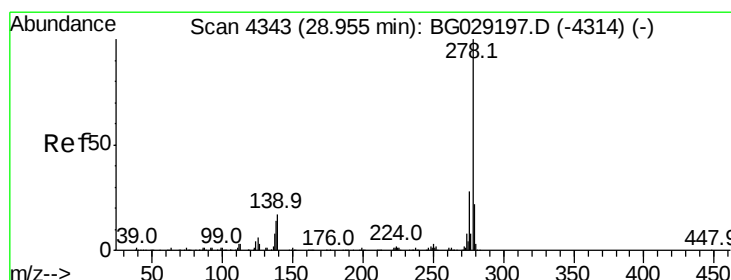
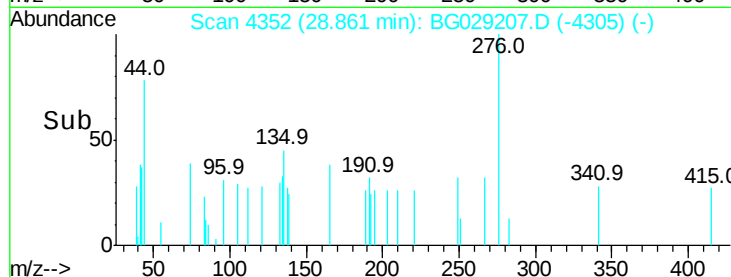
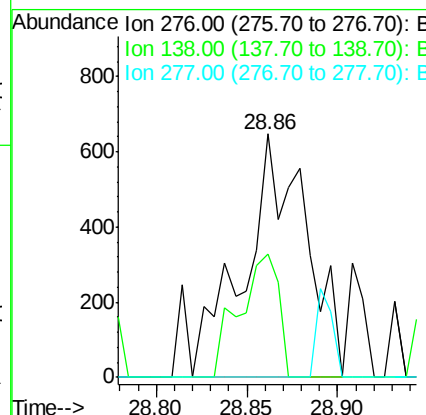
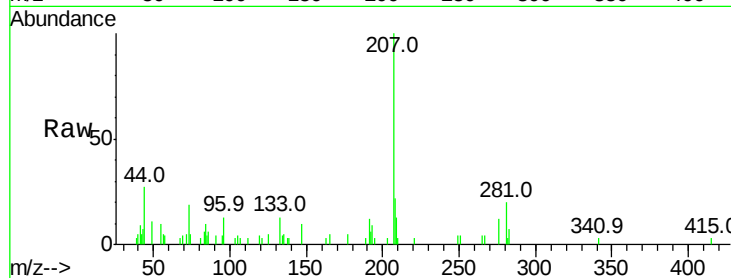


#89

Indeno(1,2,3-cd)pyrene
Concen: 0.042 ng/ul
RT: 28.86 min Scan# 4352
Delta R.T. -0.02 min
Lab File: BG029207.D
Acq: 14 Oct 2017 1:30

Instrument :
BNA_G
ClientSampled :

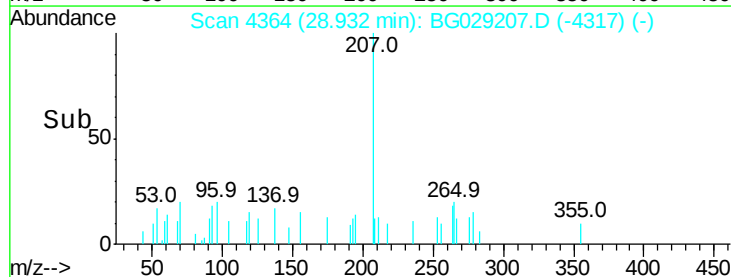
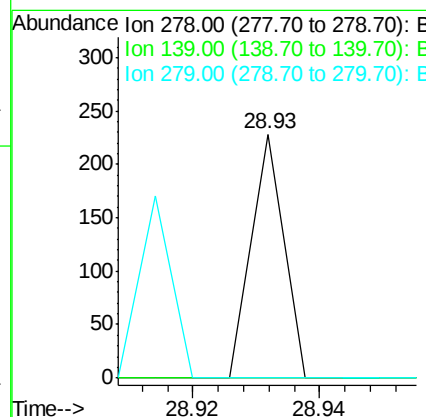
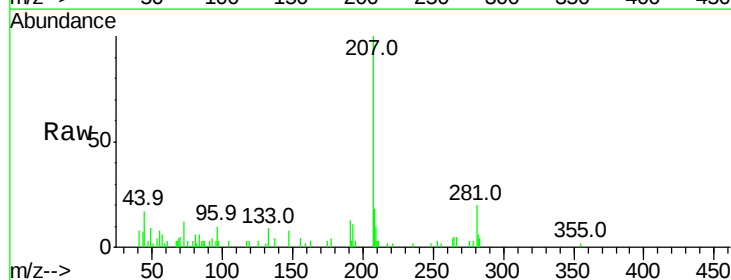
Tot Ion:276 Resp: 1540
Ion Ratio Lower Upper
276 100
138 50.8 13.4 20.0#
277 0.0 18.6 28.0#

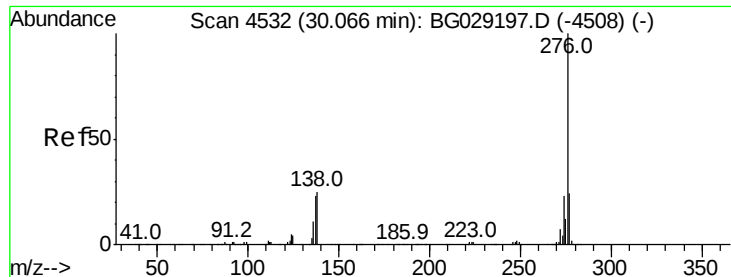


#90

Dibenzo(a,h)anthracene
Concen: 0.003 ng/ul
RT: 28.93 min Scan# 4364
Delta R.T. -0.02 min
Lab File: BG029207.D
Acq: 14 Oct 2017 1:30

Tgt Ion:278 Resp: 80
Ion Ratio Lower Upper
278 100
139 0.0 9.4 14.2#
279 0.0 18.4 27.6#





#91

Benzo(a,h,i)perylene

Concen: 0.044 ng/ul

RT: 30.05 min Scan# 4554

Delta R.T. -0.02 min

Lab File: BG029207.D

Acq: 14 Oct 2017 1:30

Instrument :

BNA_G

ClientSampleId :

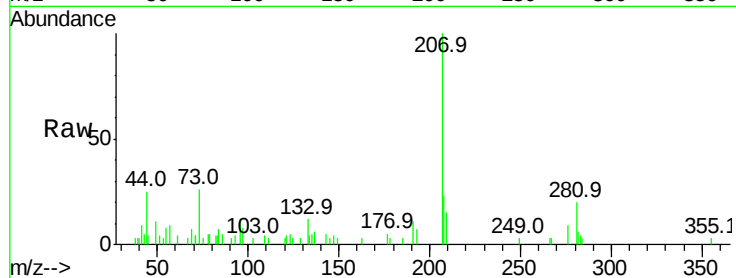
Tot Ion:276 Resp: 1328

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

