

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082917\
 Data File : BG028541.D
 Acq On : 29 Aug 2017 19:23
 Operator : SJ/JU
 Sample : I4960-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 5-POST1

Quant Time: Aug 30 01:26:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 01:19:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	56253	20.00	ng/ul	0.00
18) Naphthalene-d8	11.26	136	4422	20.00	ng/ul	0.10
35) Acenaphthene-d10	14.96	164	139553	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	309752	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	365942	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	362922	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.81	96	15871	13.14	ng/uL	-0.02
5) Phenol-d5	7.50	99	89234	14.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	71120	18.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	74268	19.06	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	82025	15.89	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	42697	1234.83	ng/ul	0.02
22) 2-Nitrophenol-d4	10.39	143	57	1.50	ng/ul	0.15
26) 2,4-Dichlorophenol-d3	10.86	165	87921	1120.85	ng/ul	0.07
29) 4-Chloroaniline-d4	11.38	131	109433	1253.36	ng/ul	0.08
43) Dimethylphthalate-d6	14.35	166	296384	23.88	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	338480	24.19	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	30021	15.21	ng/ul	0.00
57) Fluorene-d10	15.95	176	245702	22.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	32038	15.92	ng/ul	0.00
70) Anthracene-d10	17.80	188	358110	24.11	ng/ul	0.00
76) Pyrene-d10	20.08	212	420518	22.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	379822	22.36	ng/ul	0.01

Target Compounds

					Ovalue	
4) Benzaldehyde	7.48	77	5942	1.664	ng/ul#	1
6) Phenol	7.53	94	9570	1.559	ng/ul	90
11) 2-Methylphenol	8.72	108	34766	8.022	ng/ul	88
17) Hexachloroethane	9.45	117	6447	4.096	ng/ul#	1
20) Nitrobenzene	9.61	77	1917	19.151	ng/ul#	47
23) 2-Nitrophenol	10.45	139	55	1.437	ng/ul#	38
24) 2,4-Dimethylphenol	10.32	107	3090	32.481	ng/ul#	70
27) 2,4-Dichlorophenol	10.90	162	5870	82.206	ng/ul#	86
28) Naphthalene	11.37	128	133684	610.399	ng/ul	100
30) 4-Chloroaniline	11.42	127	223	2.635	ng/ul#	39
31) Hexachlorobutadiene	11.55	225	347	6.583	ng/ul#	55
32) Caprolactam	12.14	113	355	11.956	ng/ul#	80
33) 4-Chloro-3-methylphenol	12.53	107	94	1.031	ng/ul#	25
34) 2-Methylnaphthalene	12.81	142	9587	54.498	ng/ul	99
36) 1,2,4,5-Tetrachlorobenzene	13.19	216	1932336	429.581	ng/ul	97
38) 2,4,6-Trichlorophenol	13.49	196	5769	2.058	ng/ul#	90
39) 2,4,5-Trichlorophenol	13.49	196	5769	1.888	ng/ul#	92
44) Dimethylphthalate	14.40	163	105355	9.219	ng/ul#	98
49) Acenaphthene	15.02	153	14041	1.556	ng/ul	91
53) Dibenzofuran	15.35	168	20300	1.543	ng/ul	89
58) Fluorene	16.00	166	27426	2.355	ng/ul	98
69) Phenanthrene	17.75	178	284596	18.257	ng/ul	98
71) Anthracene	17.75	178	284596	17.863	ng/ul	97

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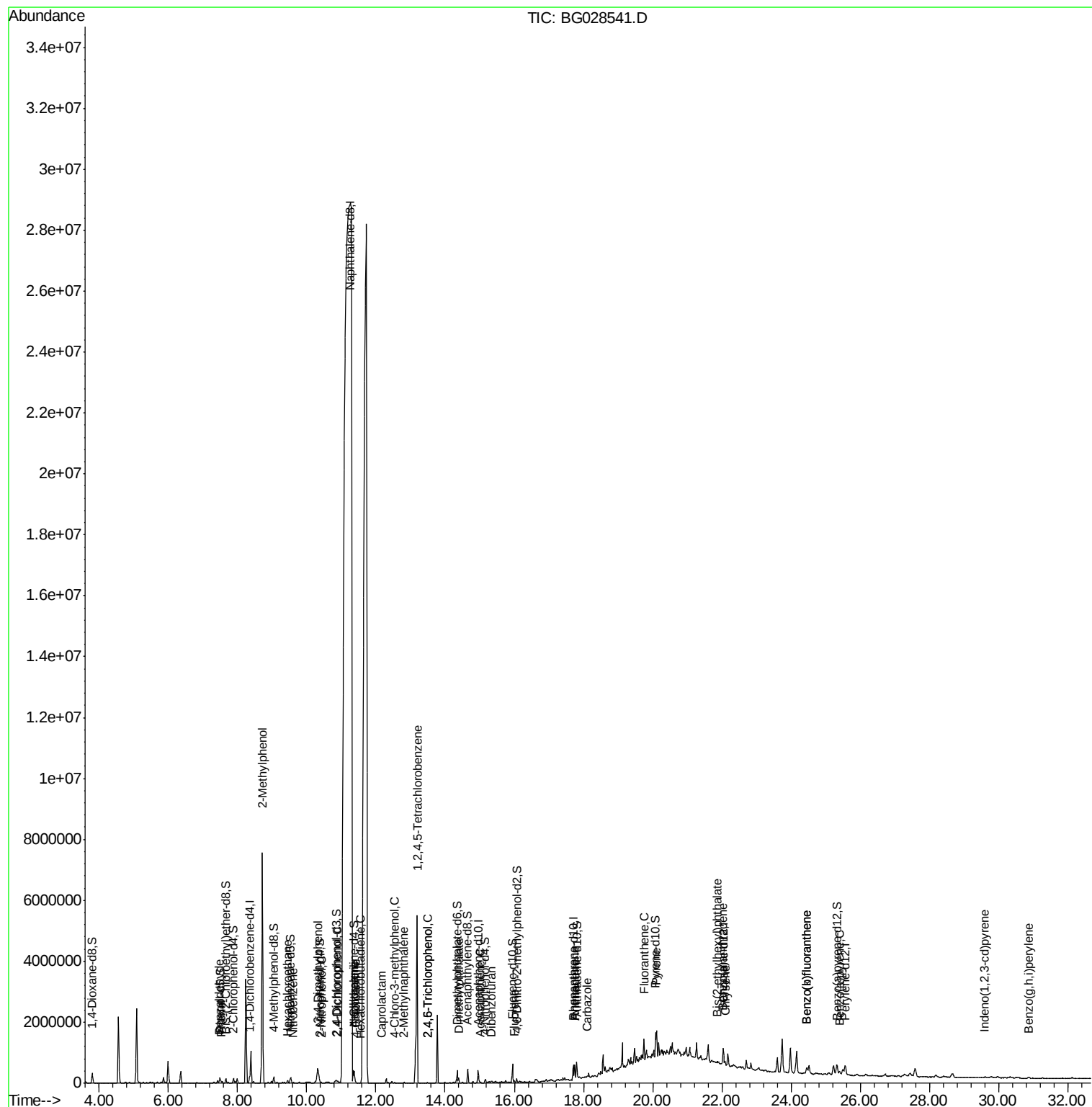
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) Carbazole	18.11	167	18685	1.349	ng/ul#	76
74) Fluoranthene	19.75	202	425453	22.458	ng/ul	100
77) Pyrene	20.11	202	345841	15.841	ng/ul#	96
80) Benzo(a)anthracene	22.02	228	77058	3.644	ng/ul#	82
81) Bis(2-ethylhexyl)phthalate	21.86	149	62282	5.354	ng/ul#	93
82) Chrysene	22.09	228	146256	7.681	ng/ul#	91
85) Benzo(b)fluoranthene	24.44	252	182652	8.410	ng/ul#	94
86) Benzo(k)fluoranthene	24.44	252	182652	8.610	ng/ul#	96
88) Benzo(a)pyrene	25.40	252	90085	4.284	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	29.59	276	55037	2.235	ng/ul#	96
91) Benzo(a,h,i)perylene	30.87	276	44953	2.219	ng/ul#	86

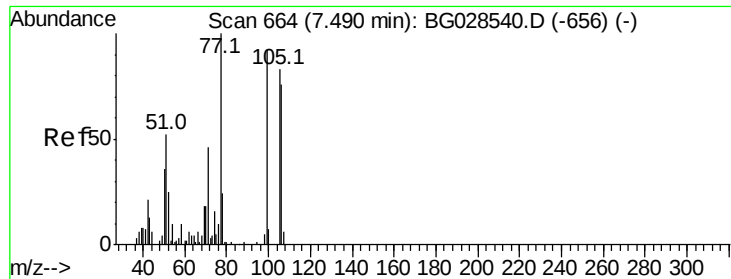
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.664 ng/ul

RT: 7.48 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG028541.D

Acq: 29 Aug 2017 19:23

Instrument :

BNA_G

ClientSampleId :

5-POST1

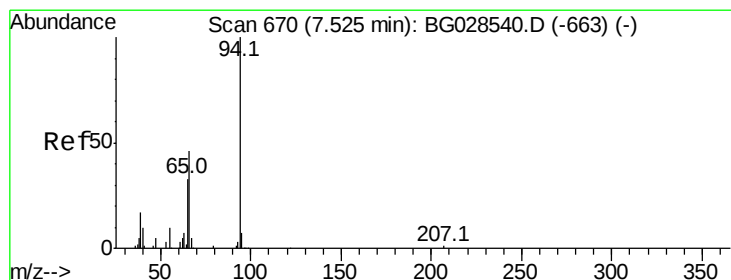
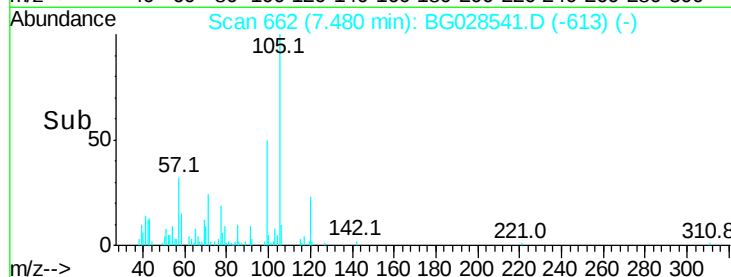
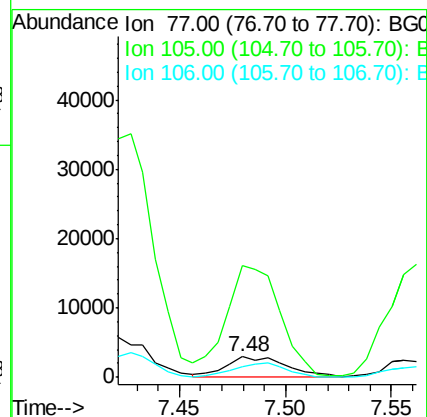
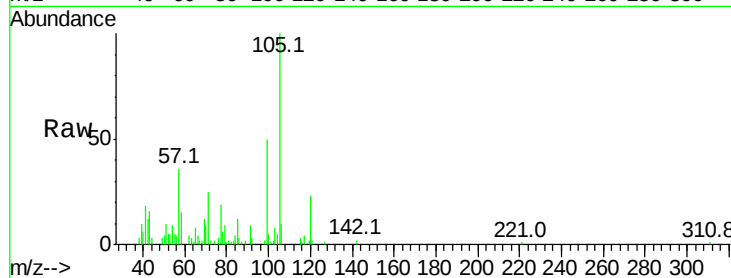
Tot Ion: 77 Resp: 5942

Ion Ratio Lower Upper

77 100

105 536.0 62.0 93.0#

106 51.9 60.2 90.4#



#6

Phenol

Concen: 1.559 ng/ul

RT: 7.53 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG028541.D

Acq: 29 Aug 2017 19:23

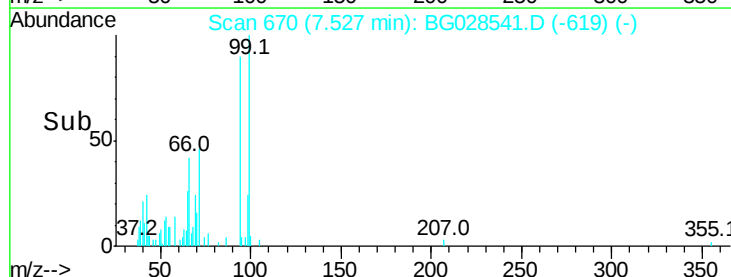
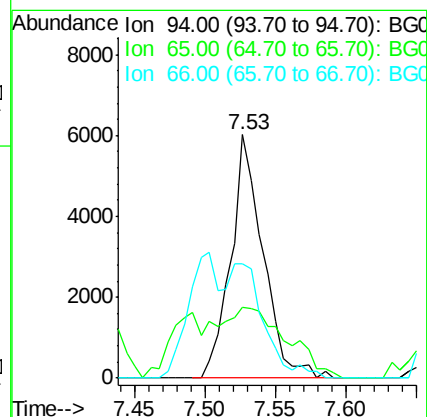
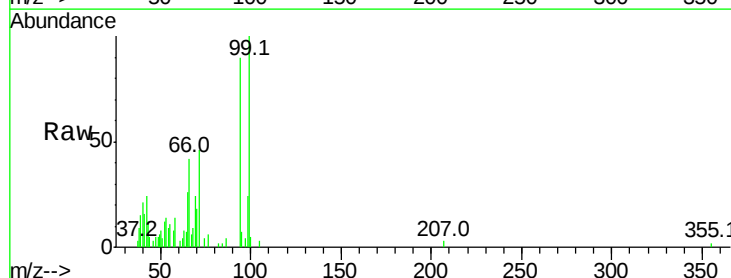
Tgt Ion: 94 Resp: 9570

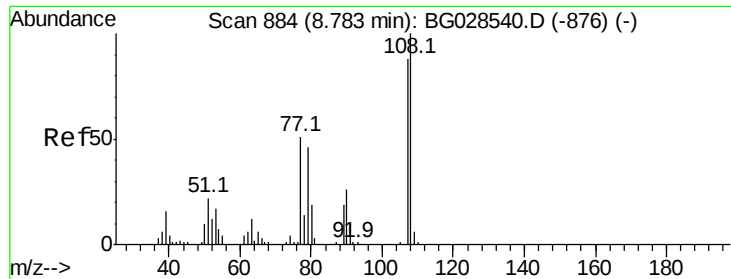
Ion Ratio Lower Upper

94 100

65 29.0 26.8 40.2

66 46.7 44.4 66.6





#11

2-Methylphenol

Concen: 8.022 ng/ul

RT: 8.72 min Scan# 873

Delta R.T. -0.06 min

Lab File: BG028541.D

Acq: 29 Aug 2017 19:23

Instrument :

BNA_G

ClientSampleId :

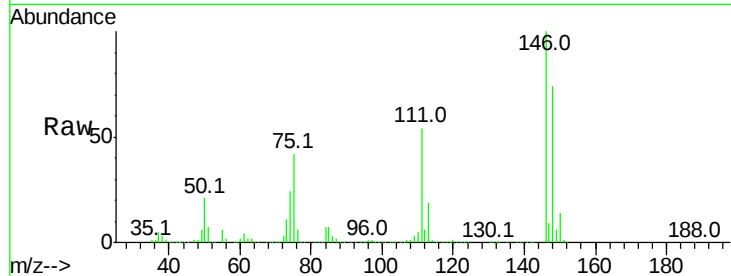
5-POST1

Tot Ion:108 Resp: 34766

Ion Ratio Lower Upper

108 100

107 83.8 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

20000

15000

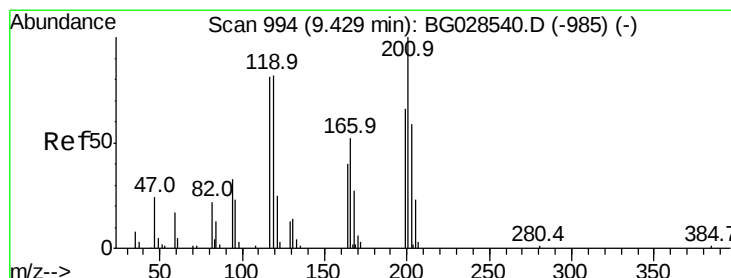
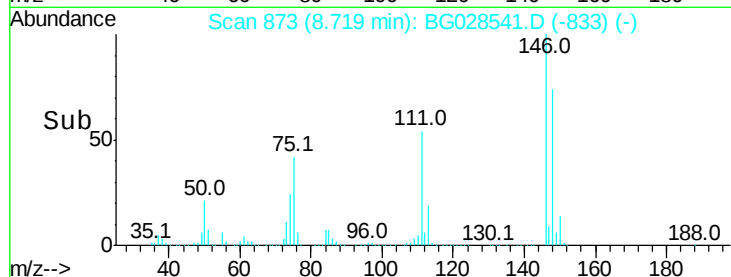
10000

5000

0

8.65 8.70 8.75

Time-->



#17

Hexachloroethane

Concen: 4.096 ng/ul

RT: 9.45 min Scan# 997

Delta R.T. 0.02 min

Lab File: BG028541.D

Acq: 29 Aug 2017 19:23

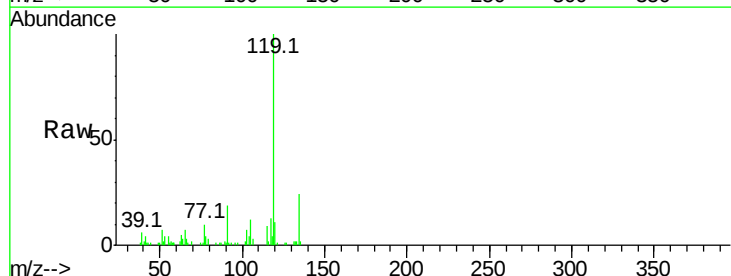
Tgt Ion:117 Resp: 6447

Ion Ratio Lower Upper

117 100

201 0.0 91.9 137.9#

199 0.0 64.3 96.5#



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

5000

4000

3000

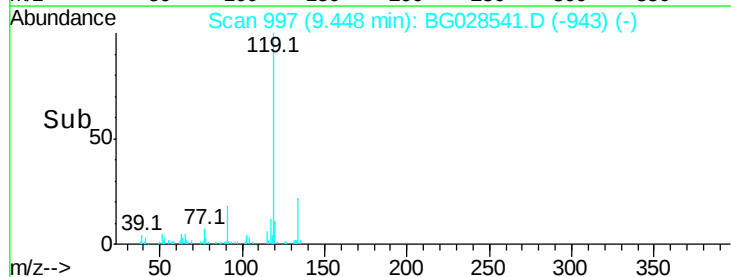
2000

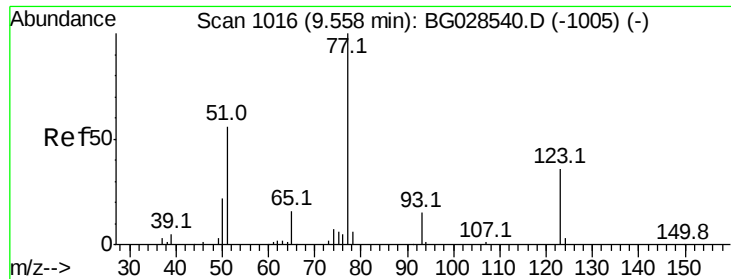
1000

0

9.40 9.45 9.50

Time-->





#20

Nitrobenzene

Concen: 19.151 ng/ul

RT: 9.61 min Scan# 1025

Delta R.T. 0.05 min

Lab File: BG028541.D

Acq: 29 Aug 2017 19:23

Instrument :

BNA_G

ClientSampleId :

5-POST1

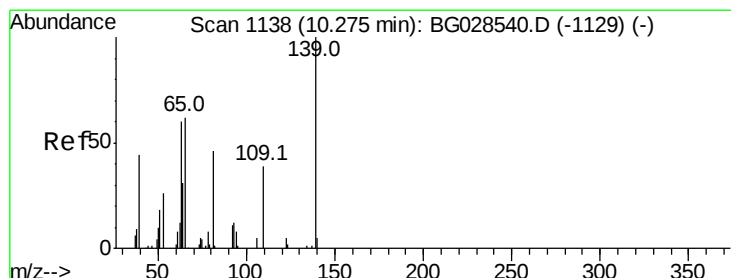
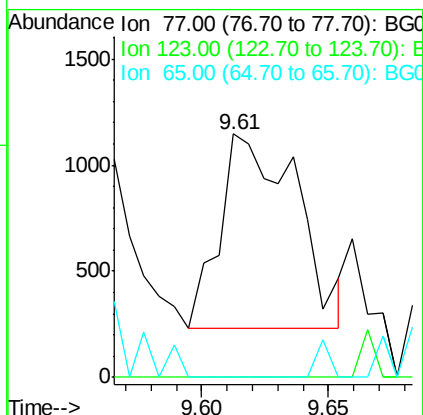
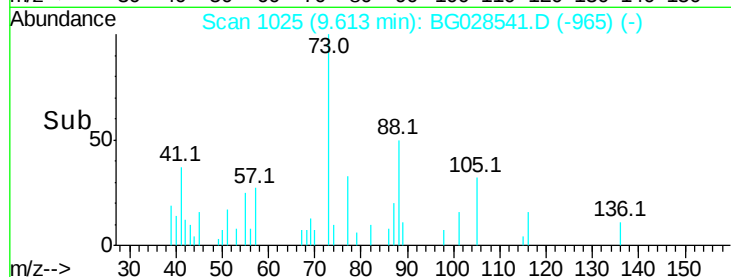
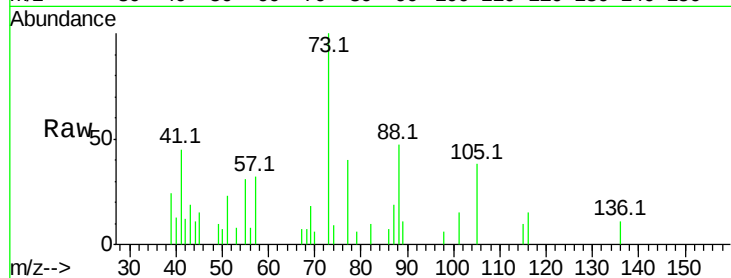
Tot Ion: 77 Resp: 1917

Ion Ratio Lower Upper

77 100

123 0.0 27.4 41.0#

65 0.0 13.3 19.9#



#23

2-Nitrophenol

Concen: 1.437 ng/ul

RT: 10.45 min Scan# 1167

Delta R.T. 0.17 min

Lab File: BG028541.D

Acq: 29 Aug 2017 19:23

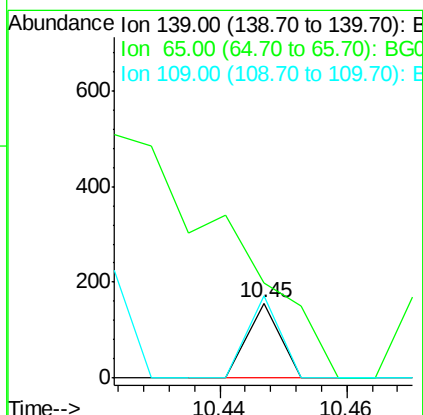
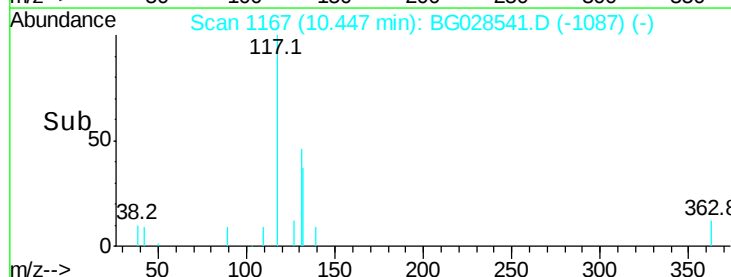
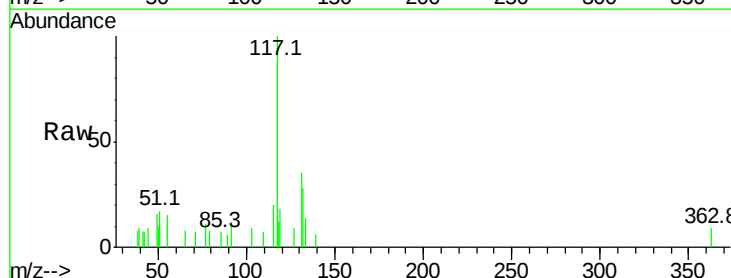
Tgt Ion:139 Resp: 55

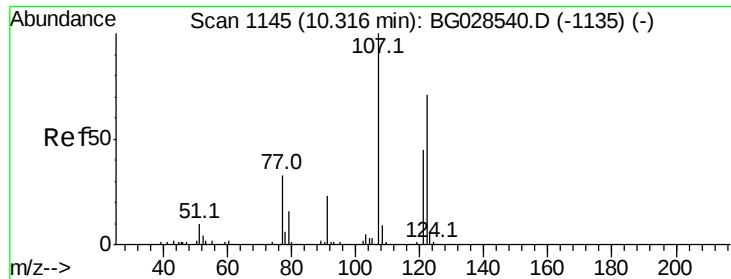
Ion Ratio Lower Upper

139 100

65 126.8 67.0 100.6#

109 109.6 39.6 59.4#

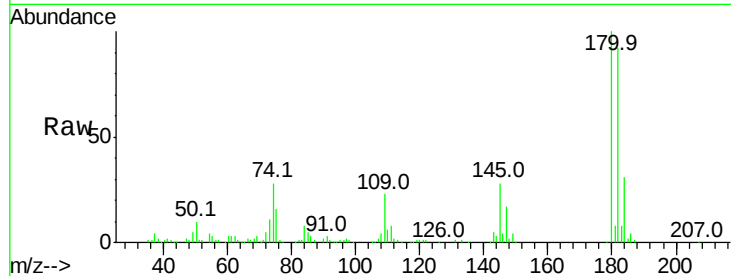




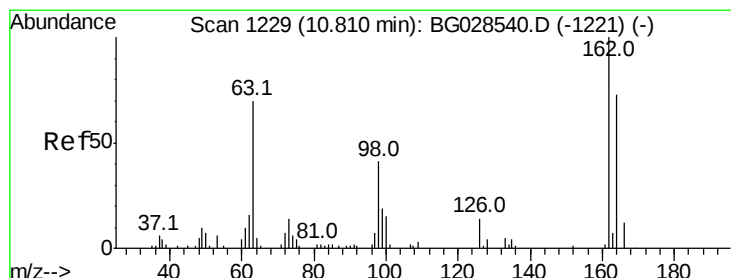
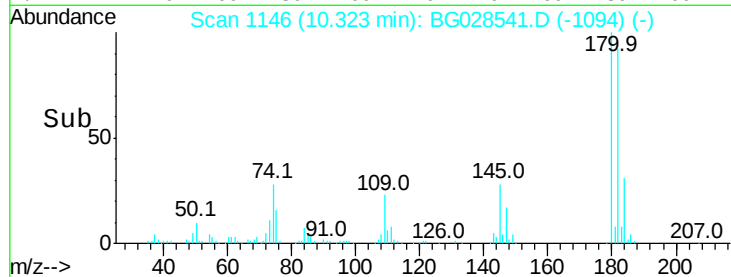
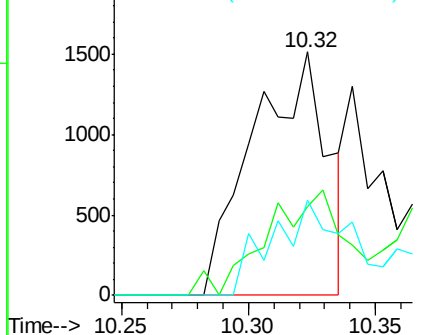
#24
2,4-Dimethylphenol
Concen: 32.481 ng/ul
RT: 10.32 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BG028541.D
Acq: 29 Aug 2017 19:23

Instrument :
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ClientSampleId :
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Tot Ion:107 Resp: 3090
Ion Ratio Lower Upper
107 100
121 36.6 32.3 48.5
122 39.3 61.2 91.8#

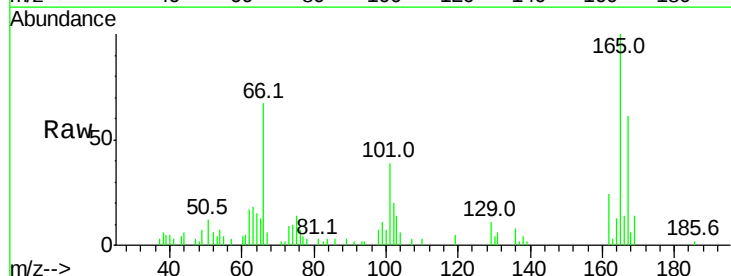


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E
Ion 122.00 (121.70 to 122.70): E

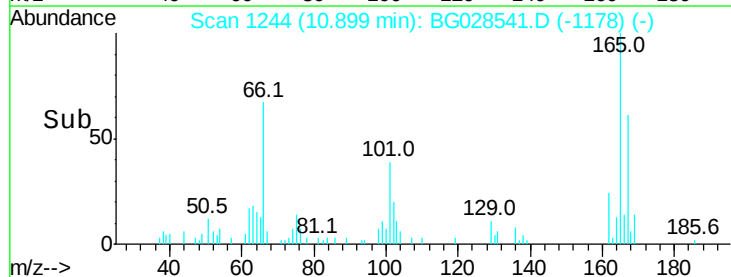
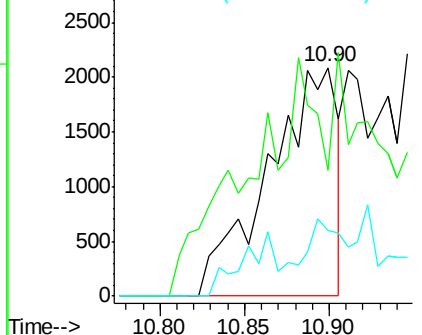


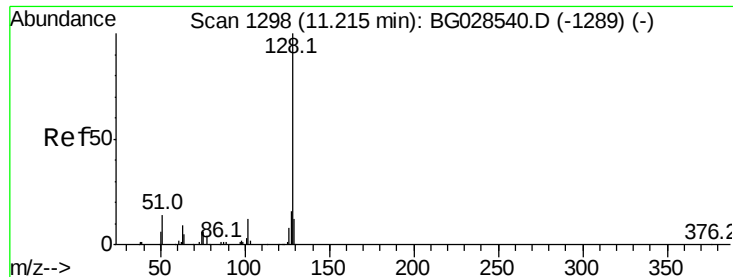
#27
2,4-Dichlorophenol
Concen: 82.206 ng/ul
RT: 10.90 min Scan# 1244
Delta R.T. 0.09 min
Lab File: BG028541.D
Acq: 29 Aug 2017 19:23

Tgt Ion:162 Resp: 5870
Ion Ratio Lower Upper
162 100
164 55.1 50.8 76.2
98 28.9 32.1 48.1#



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





#28

Naphthalene

Concen: 610.399 ng/ul

RT: 11.37 min Scan# 1324

Delta R.T. 0.15 min

Lab File: BG028541.D

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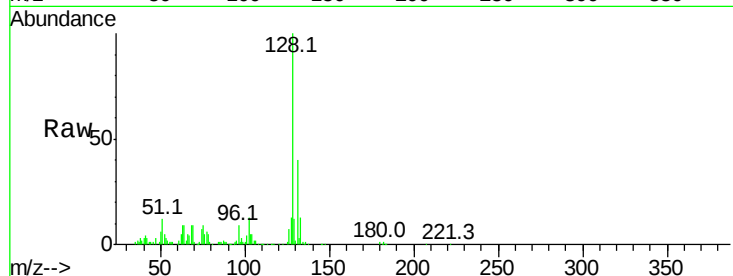
Tot Ion:128 Resp: 133684

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

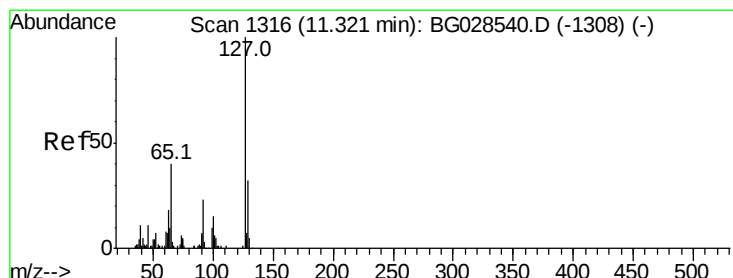
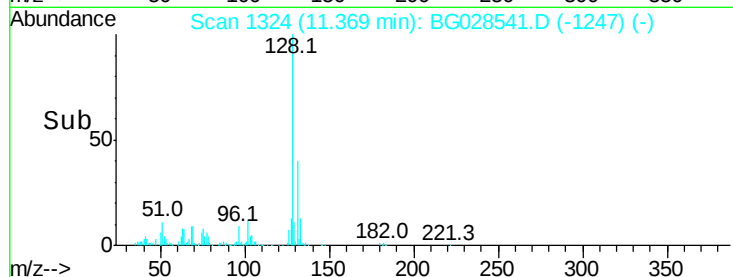
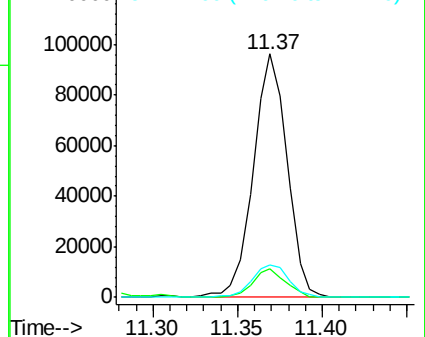
127 13.1 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#30

4-Chloroaniline

Concen: 2.635 ng/ul

RT: 11.42 min Scan# 1333

Delta R.T. 0.10 min

Lab File: BG028541.D

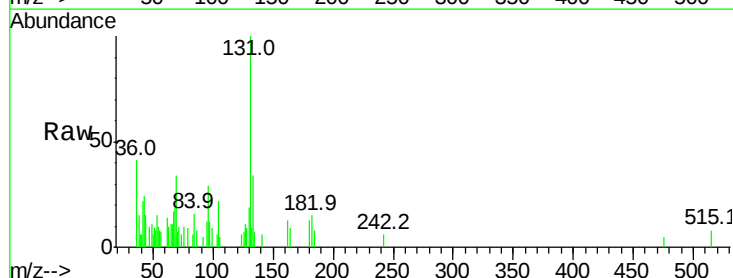
Acq: 29 Aug 2017 19:23

Tgt Ion:127 Resp: 223

Ion Ratio Lower Upper

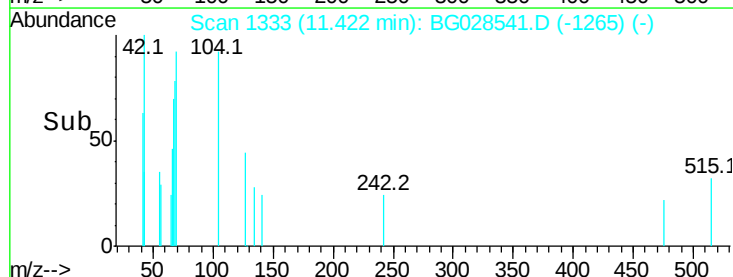
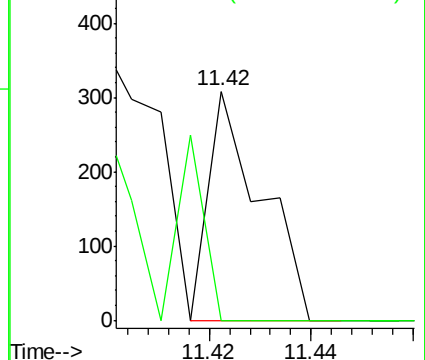
127 100

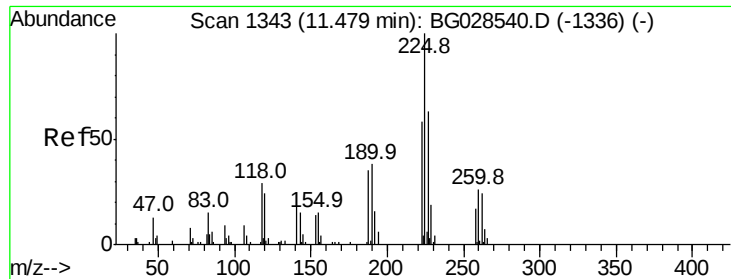
129 0.0 28.9 43.3#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#31

Hexachlorobutadiene

Concen: 6.583 ng/ul

RT: 11.55 min Scan# 1354

Delta R.T. 0.07 min

Lab File: BG028541.D

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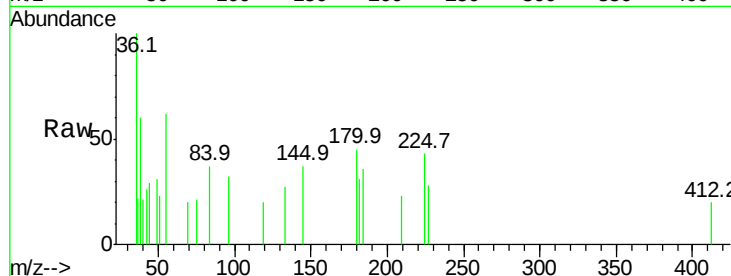
Tot Ion:225 Resp: 347

Ion Ratio Lower Upper

225 100

223 0.0 45.9 68.9#

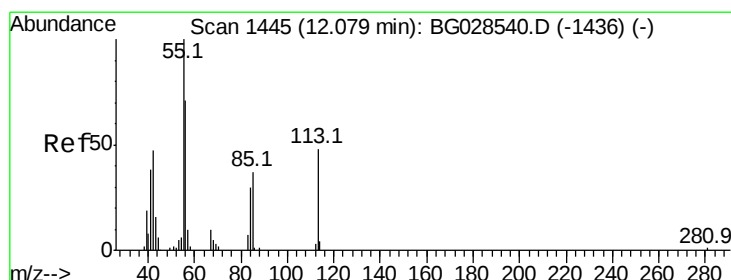
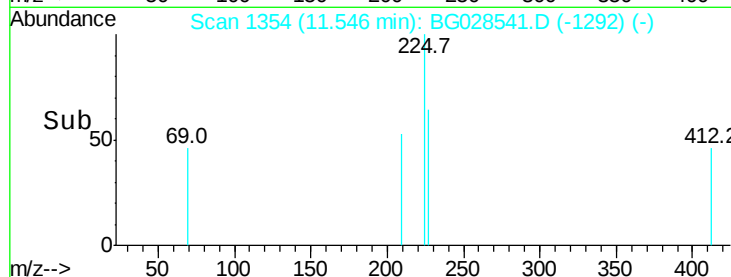
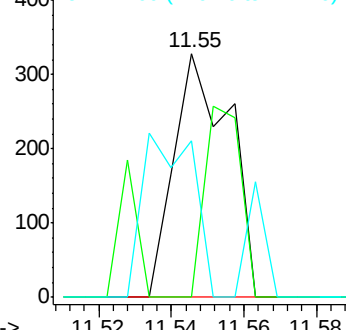
227 64.3 44.7 67.1



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#32

Caprolactam

Concen: 11.956 ng/ul

RT: 12.14 min Scan# 1456

Delta R.T. 0.07 min

Lab File: BG028541.D

Acq: 29 Aug 2017 19:23

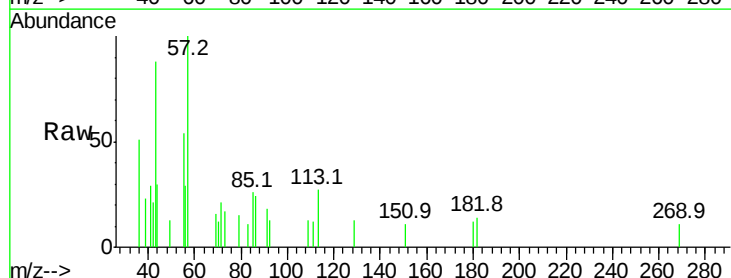
Tgt Ion:113 Resp: 355

Ion Ratio Lower Upper

113 100

55 200.5 168.6 252.8

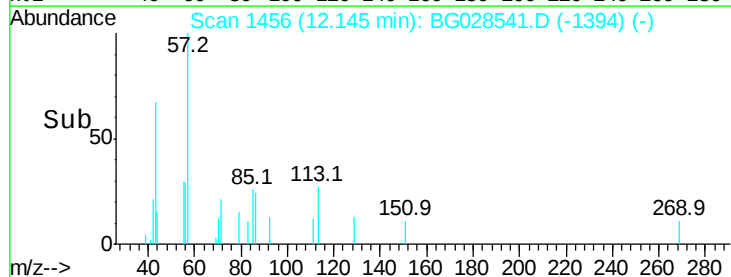
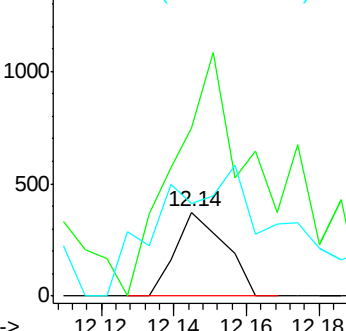
56 110.2 128.5 192.7#

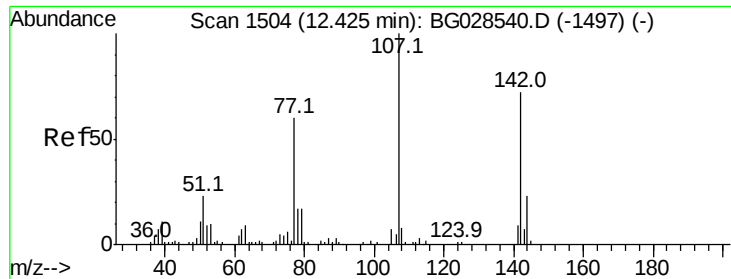


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0





#33

4-Chloro-3-methylphenol

Concen: 1.031 ng/ul

RT: 12.53 min Scan# 1521

Delta R.T. 0.10 min

Lab File: BG028541.D

Acq: 29 Aug 2017 19:23

Instrument :

BNA_G

ClientSampleId :

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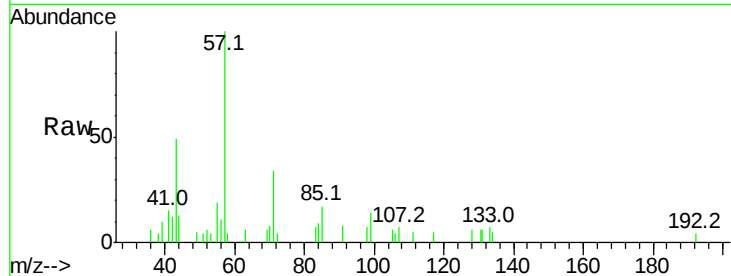
Tot Ion:107 Resp: 94

Ion Ratio Lower Upper

107 100

144 0.0 18.2 27.4#

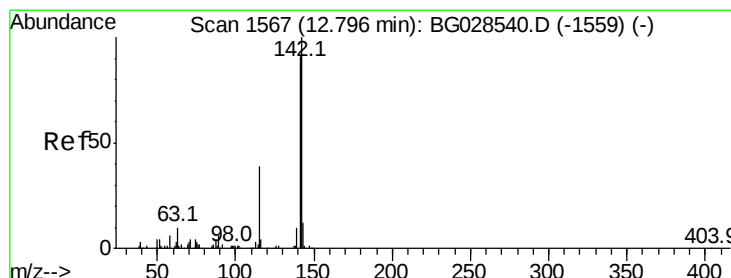
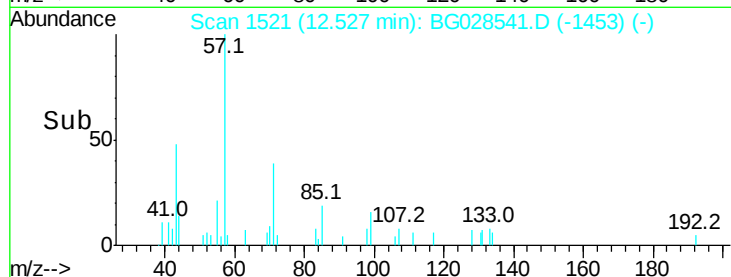
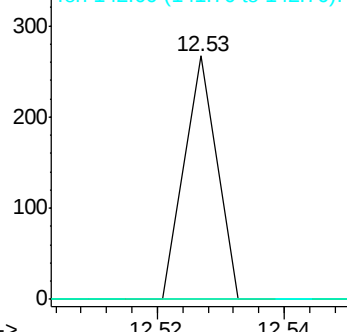
142 0.0 55.0 82.4#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#34

2-Methylnaphthalene

Concen: 54.498 ng/ul

RT: 12.81 min Scan# 1570

Delta R.T. 0.02 min

Lab File: BG028541.D

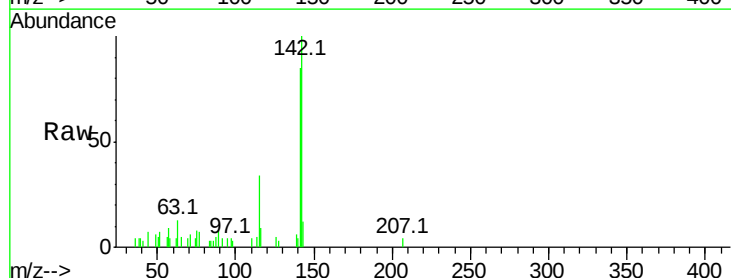
Acq: 29 Aug 2017 19:23

Tgt Ion:142 Resp: 9587

Ion Ratio Lower Upper

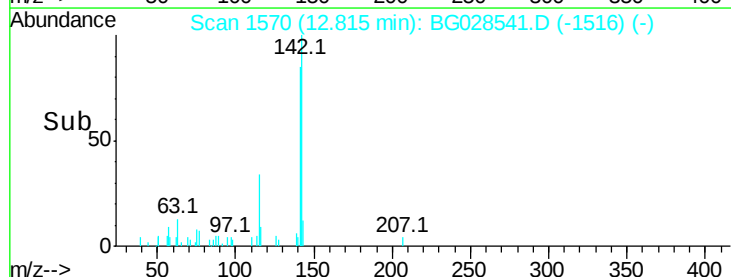
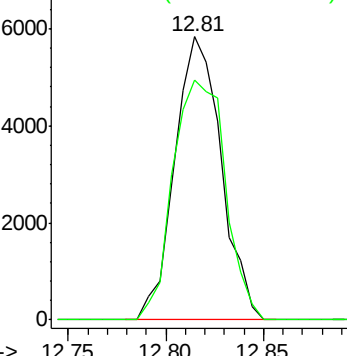
142 100

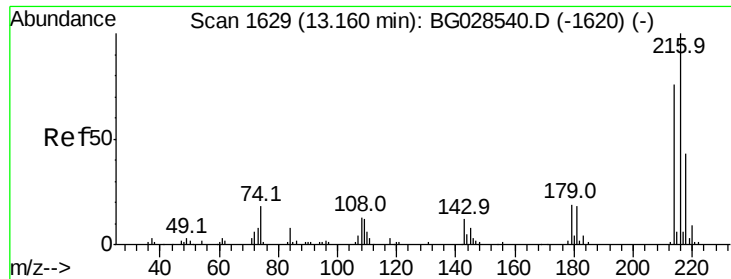
141 84.9 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



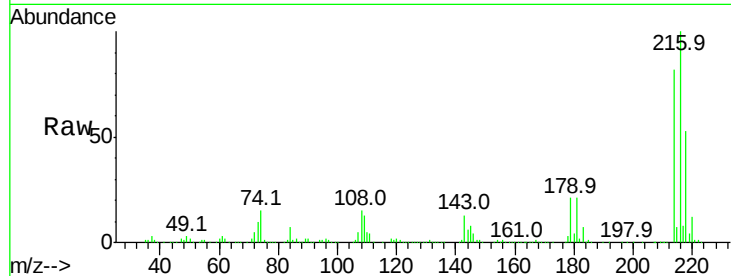


#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 429.581 ng/ul
 RT: 13.19 min Scan# 1634
 Delta R.T. 0.03 min
 Lab File: BG028541.D
 Acq: 29 Aug 2017 19:23

Instrument :
 BNA_G
 ClientSampleId :
 5-POST1

Tot Ion:216 Resp: 1932336

Ion	Ratio	Lower	Upper
216	100		
214	81.8	67.0	100.6
179	20.9	18.1	27.1
108	14.7	14.1	21.1

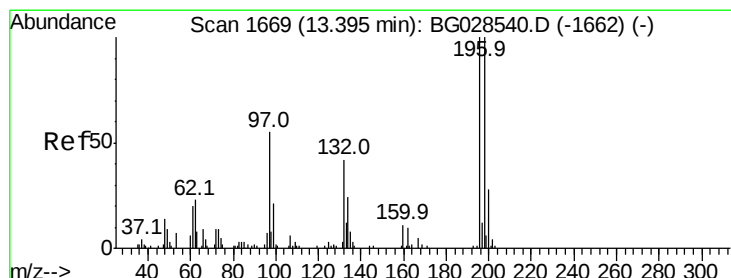
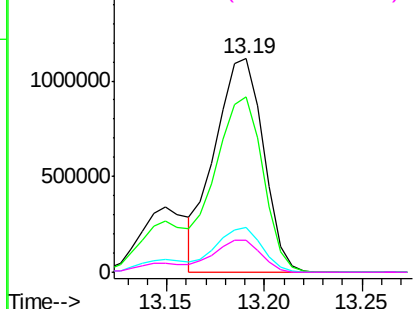
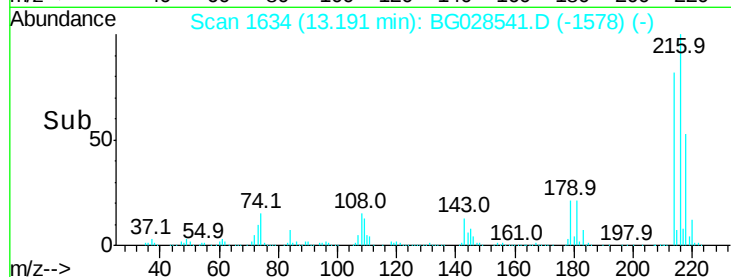


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

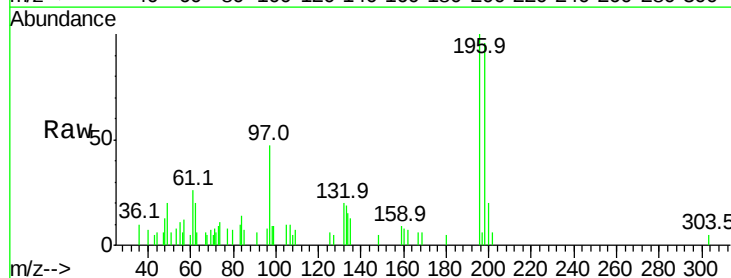
Ion 108.00 (107.70 to 108.70): E



#38
 2,4,6-Trichlorophenol
 Concen: 2.058 ng/ul
 RT: 13.49 min Scan# 1685
 Delta R.T. 0.10 min
 Lab File: BG028541.D
 Acq: 29 Aug 2017 19:23

Tgt Ion:196 Resp: 5769

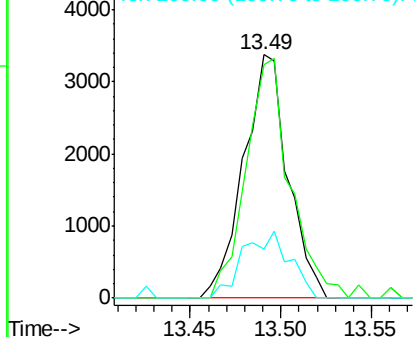
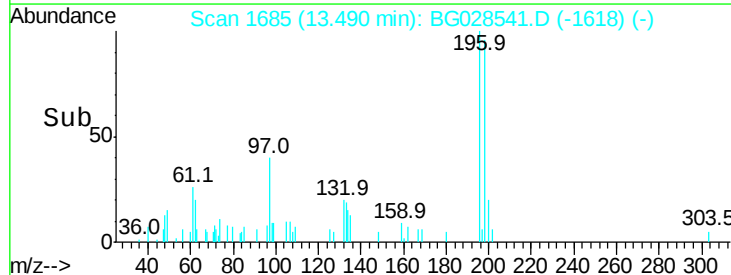
Ion	Ratio	Lower	Upper
196	100		
198	96.1	71.4	107.2
200	20.0	24.6	37.0#

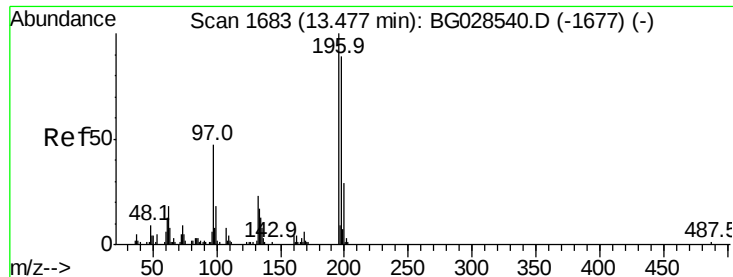


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#39

2,4,5-Trichlorophenol

Concen: 1.888 ng/ul

RT: 13.49 min Scan# 1685

Delta R.T. 0.01 min

Lab File: BG028541.D

Acq: 29 Aug 2017 19:23

Instrument :

BNA_G

ClientSampleId :

5-POST1

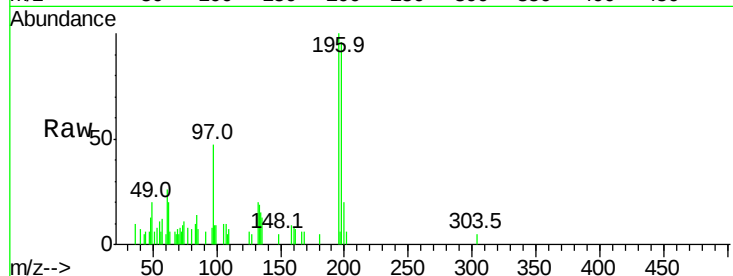
Tot Ion:196 Resp: 5769

Ion Ratio Lower Upper

196 100

198 96.1 78.6 118.0

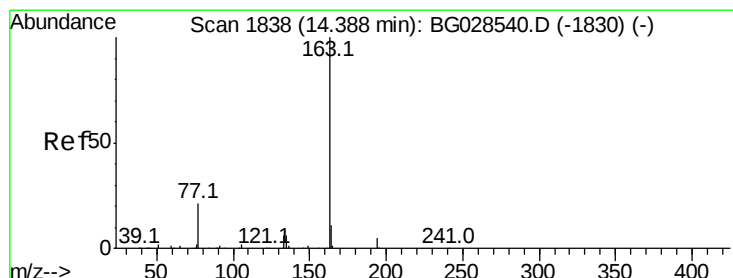
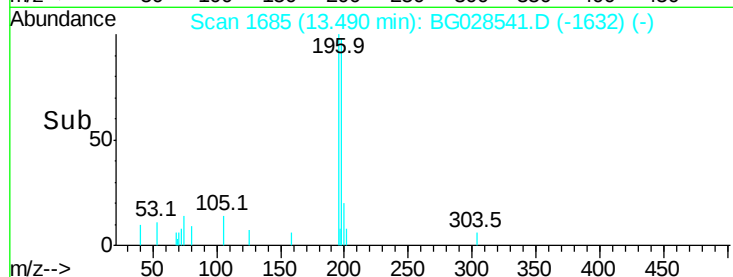
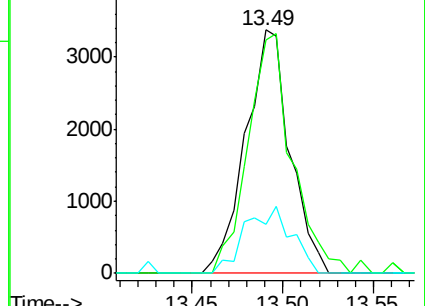
200 20.0 27.3 40.9#



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

Dimethylphthalate

Concen: 9.219 ng/ul

RT: 14.40 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BG028541.D

Acq: 29 Aug 2017 19:23

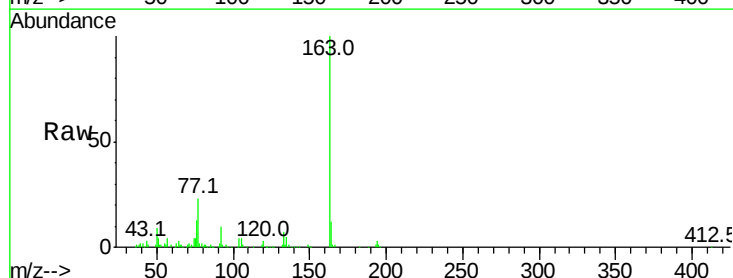
Tgt Ion:163 Resp: 105355

Ion Ratio Lower Upper

163 100

194 3.3 3.4 5.0#

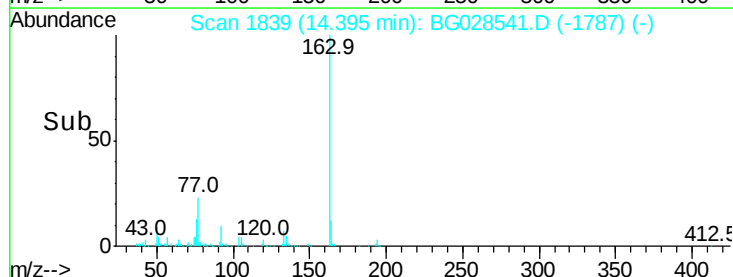
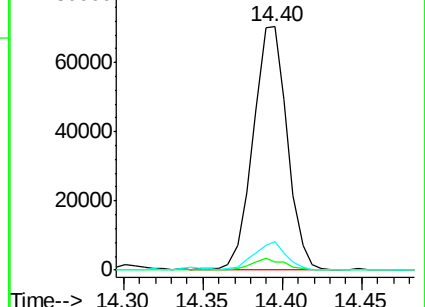
164 11.7 9.0 13.4

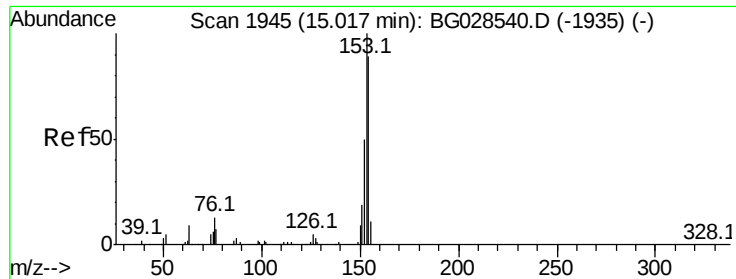


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#49

Acenaphthene

Concen: 1.556 ng/ul

RT: 15.02 min Scan# 1946

Delta R.T. 0.01 min

Lab File: BG028541.D

Acq: 29 Aug 2017 19:23

Instrument :

BNA_G

ClientSampleId :

5-POST1

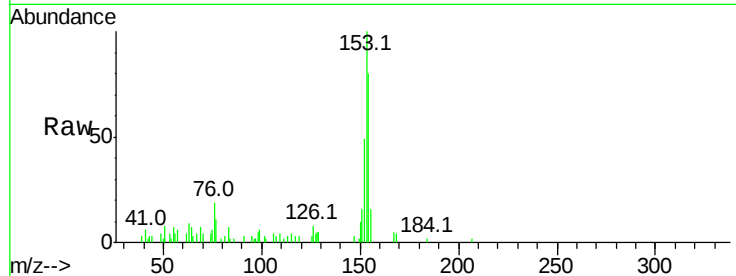
Tot Ion:153 Resp: 14041

Ion Ratio Lower Upper

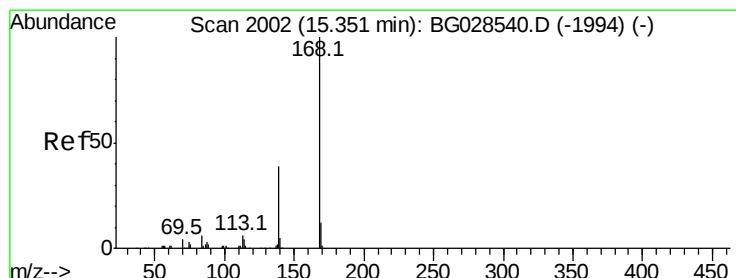
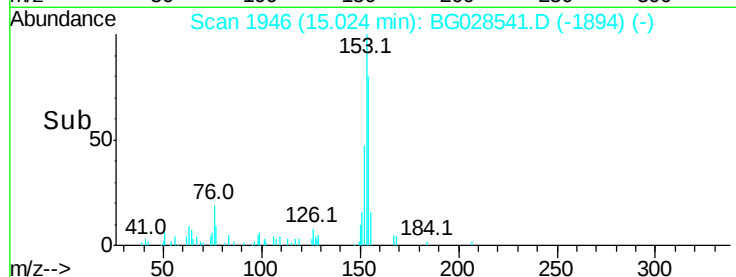
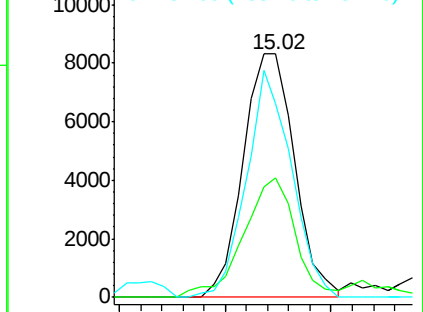
153 100

152 49.2 36.5 54.7

154 79.6 72.3 108.5



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



#53

Dibenzofuran

Concen: 1.543 ng/ul

RT: 15.35 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BG028541.D

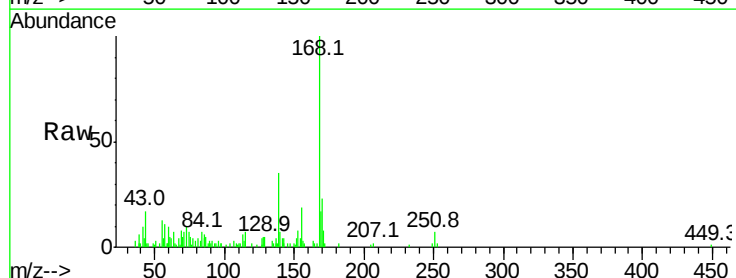
Acq: 29 Aug 2017 19:23

Tgt Ion:168 Resp: 20300

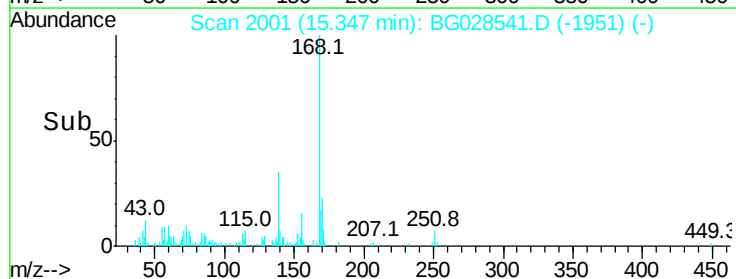
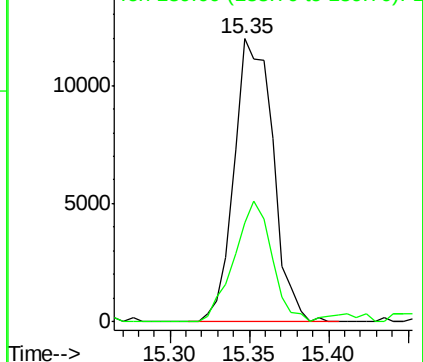
Ion Ratio Lower Upper

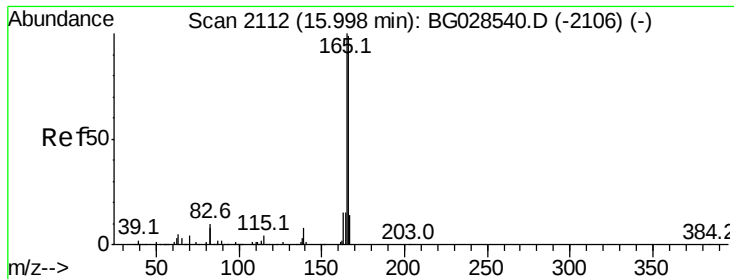
168 100

139 35.1 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 2.355 ng/ul

RT: 16.00 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BG028541.D

Acq: 29 Aug 2017 19:23

Instrument :

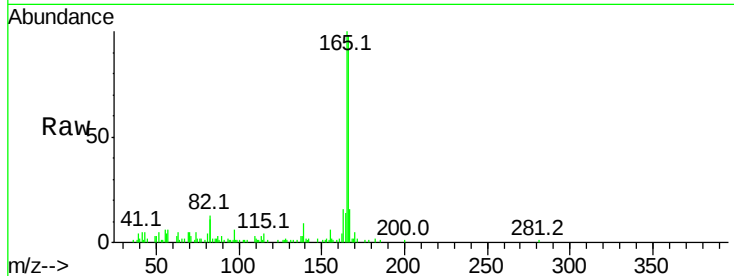
BNA_G

ClientSampleId :

5-POST1

Tot Ion:166 Resp: 27426

Ion	Ratio	Lower	Upper
166	100		
165	101.8	79.7	119.5
167	15.8	11.4	17.2

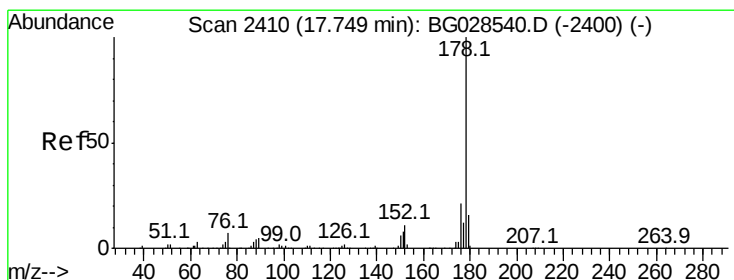
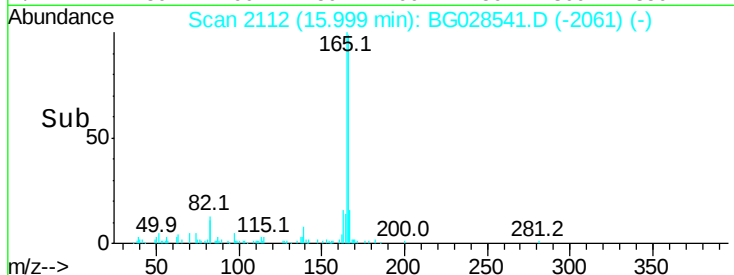
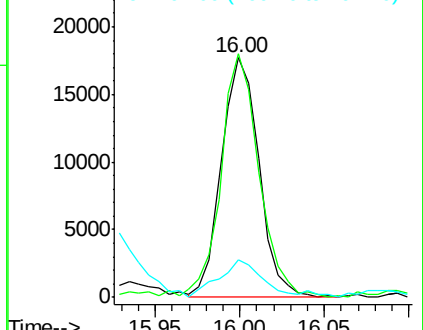


Abundance

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



#69

Phenanthrene

Concen: 18.257 ng/ul

RT: 17.75 min Scan# 2410

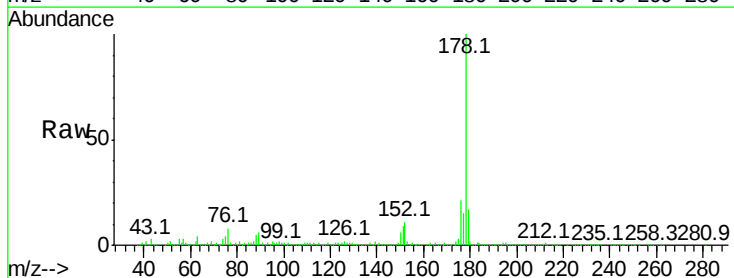
Delta R.T. 0.00 min

Lab File: BG028541.D

Acq: 29 Aug 2017 19:23

Tgt Ion:178 Resp: 284596

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.4	18.6
176	20.7	16.5	24.7

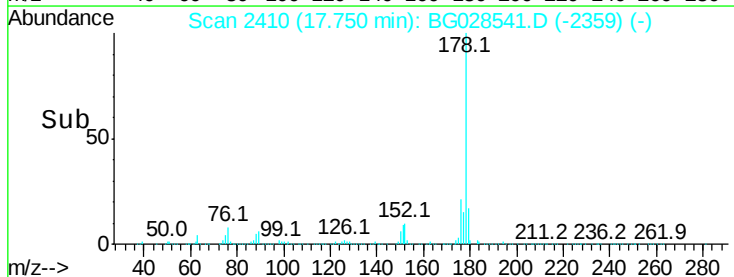
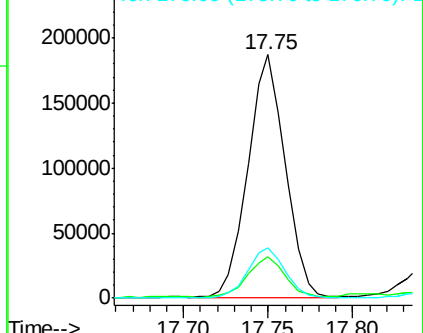


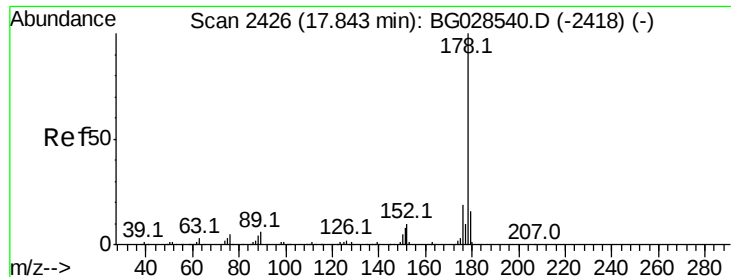
Abundance

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

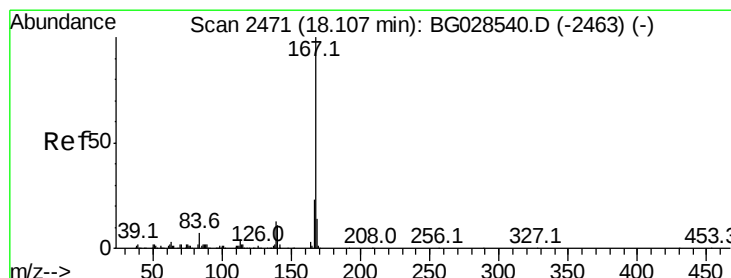
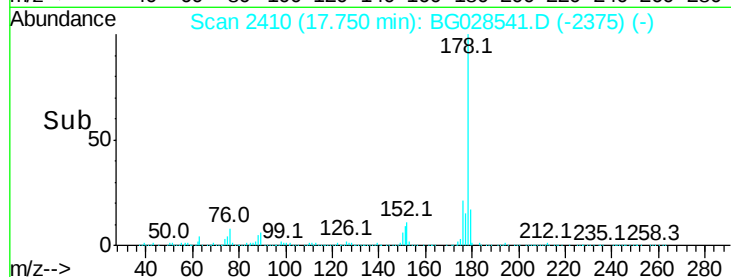
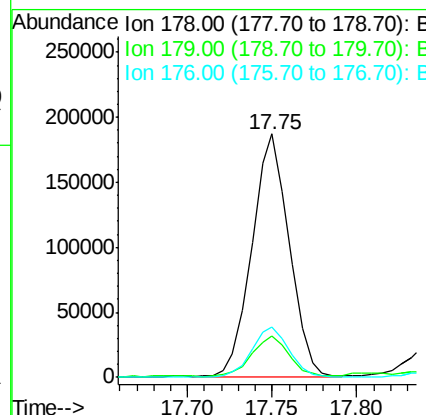
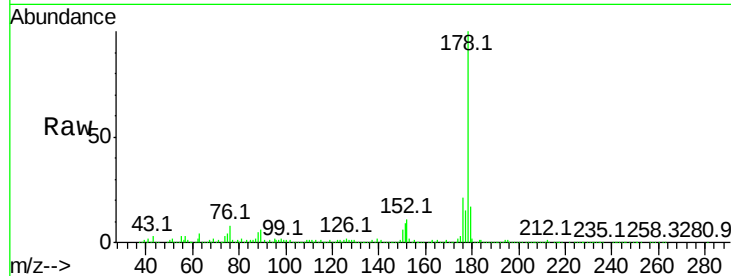




#71
 Anthracene
 Concen: 17.863 ng/ul
 RT: 17.75 min Scan# 2410
 Delta R.T. -0.09 min
 Lab File: BG028541.D
 Acq: 29 Aug 2017 19:23

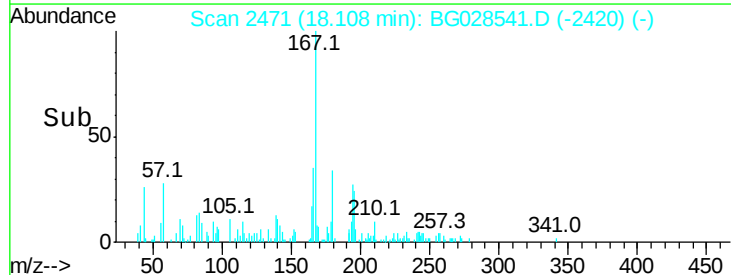
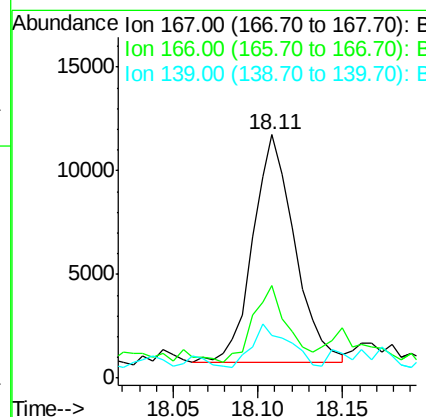
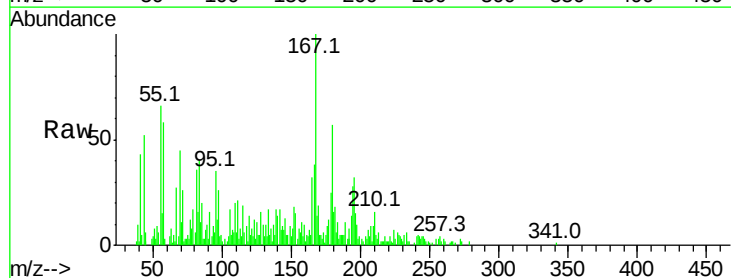
Instrument :
 BNA_G
 ClientSampleId :
 5-POST1

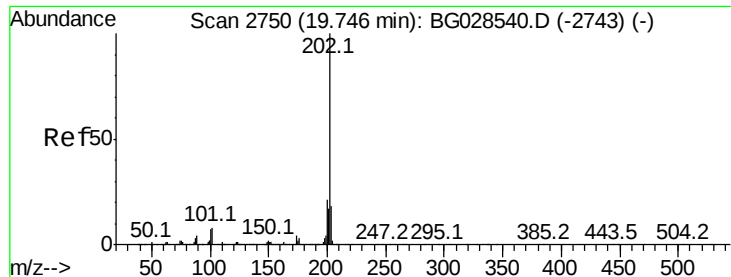
Tot Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.6	19.0
176	20.7	15.9	23.9



#72
 Carbazole
 Concen: 1.349 ng/ul
 RT: 18.11 min Scan# 2471
 Delta R.T. 0.00 min
 Lab File: BG028541.D
 Acq: 29 Aug 2017 19:23

Tgt Ion	Ratio	Lower	Upper
167	100		
166	37.8	17.9	26.9#
139	17.3	10.5	15.7#





#74

Fluoranthene

Concen: 22.458 ng/ul

RT: 19.75 min Scan# 2750

Delta R.T. 0.00 min

Lab File: BG028541.D

Acq: 29 Aug 2017 19:23

Instrument :

BNA_G

ClientSampleId :

5-POST1

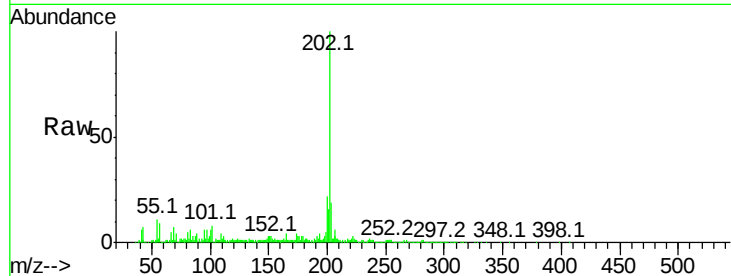
Tot Ion:202 Resp: 425453

Ion Ratio Lower Upper

202 100

101 7.6 6.2 9.2

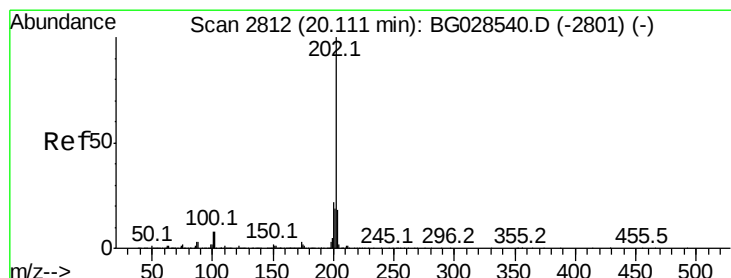
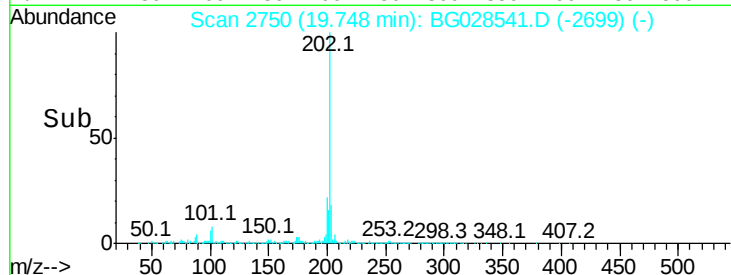
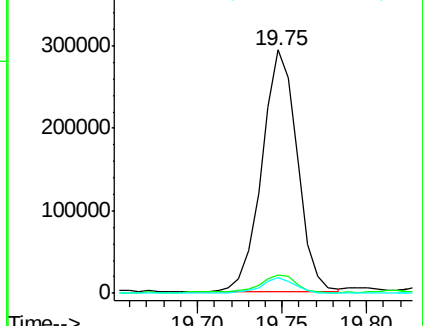
100 6.2 5.2 7.8



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: 15.841 ng/ul

RT: 20.11 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BG028541.D

Acq: 29 Aug 2017 19:23

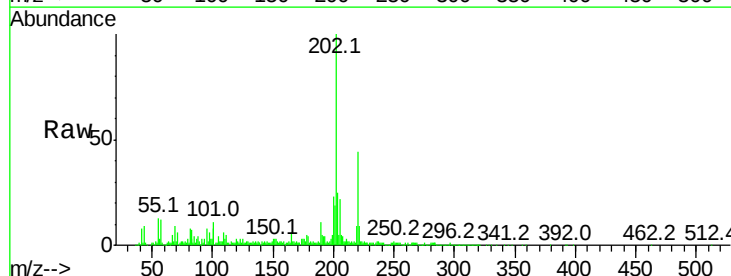
Tgt Ion:202 Resp: 345841

Ion Ratio Lower Upper

202 100

101 10.8 6.9 10.3#

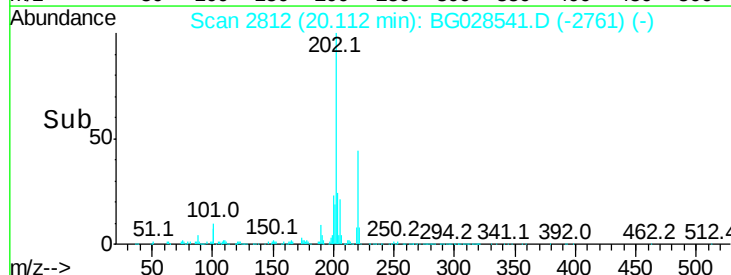
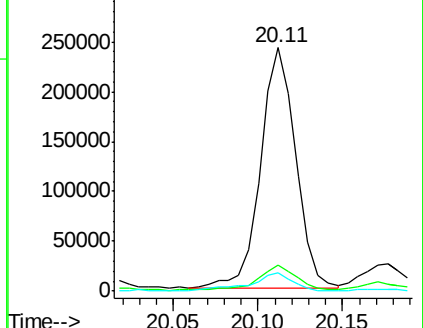
100 7.5 6.6 10.0

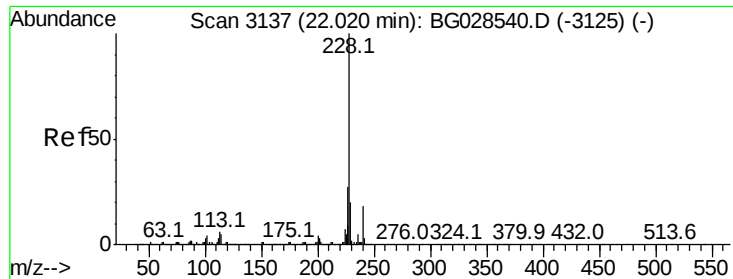


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 3.644 ng/ul

RT: 22.02 min Scan# 3137

Delta R.T. 0.00 min

Lab File: BG028541.D

Acq: 29 Aug 2017 19:23

Instrument :

BNA_G

ClientSampleId :

5-POST1

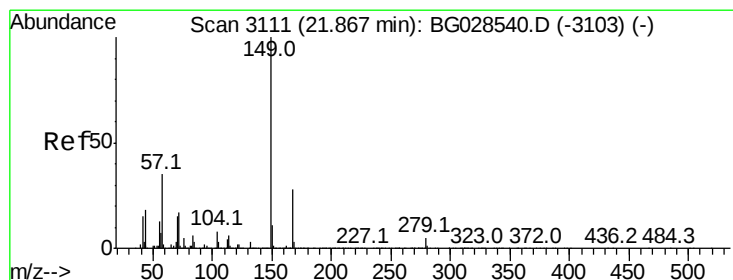
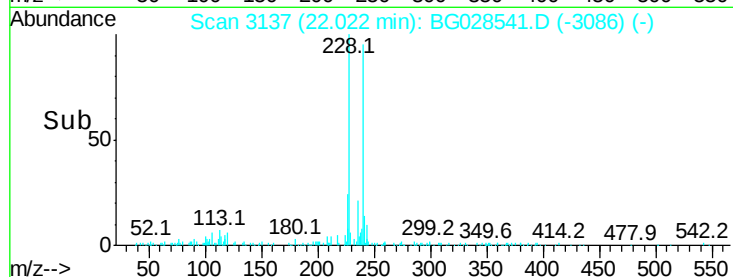
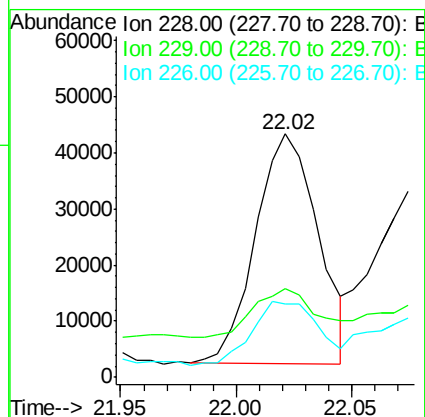
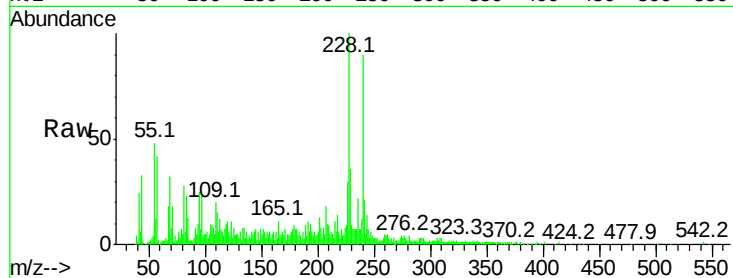
Tot Ion:228 Resp: 77058

Ion Ratio Lower Upper

228 100

229 36.4 16.3 24.5#

226 30.0 21.9 32.9



#81

Bis(2-ethylhexyl)phthalate

Concen: 5.354 ng/ul

RT: 21.86 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BG028541.D

Acq: 29 Aug 2017 19:23

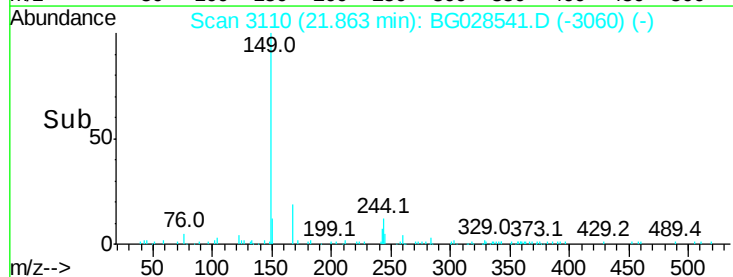
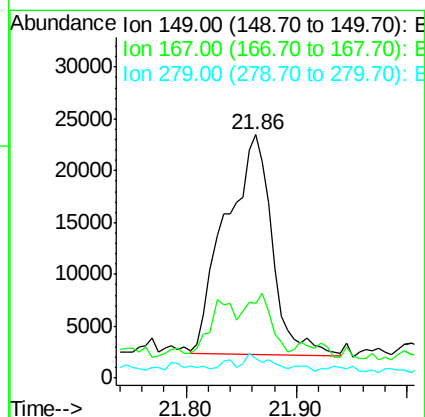
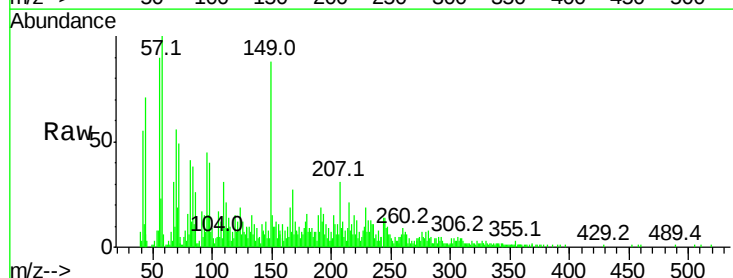
Tgt Ion:149 Resp: 62282

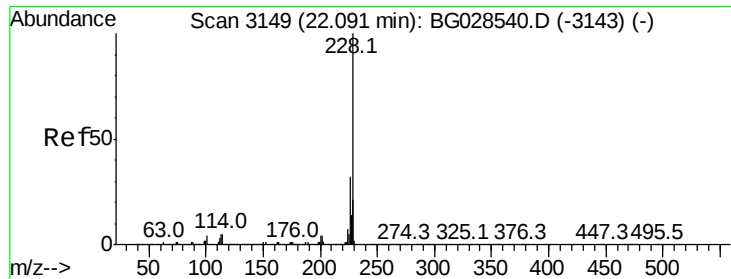
Ion Ratio Lower Upper

149 100

167 30.7 21.8 32.8

279 7.8 4.5 6.7#





#82

Chrysene

Concen: 7.681 ng/ul

RT: 22.09 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG028541.D

Acq: 29 Aug 2017 19:23

Instrument :

BNA_G

ClientSampleId :

5-POST1

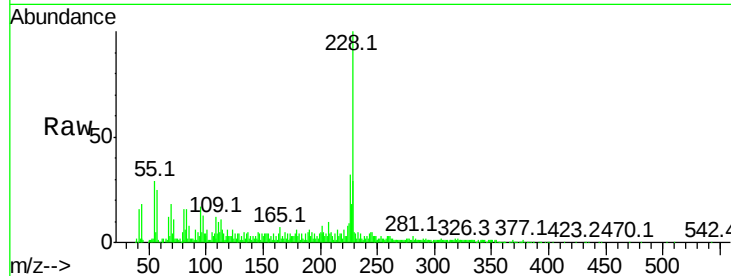
Tot Ion:228 Resp: 146256

Ion Ratio Lower Upper

228 100

226 31.8 24.0 36.0

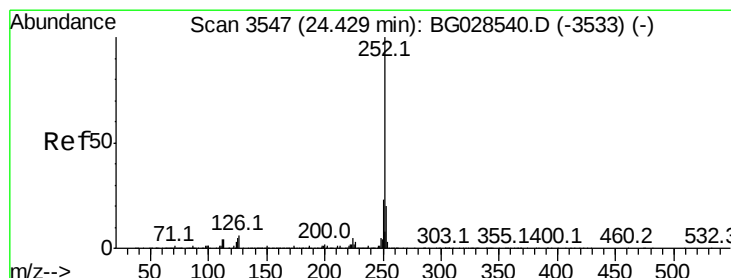
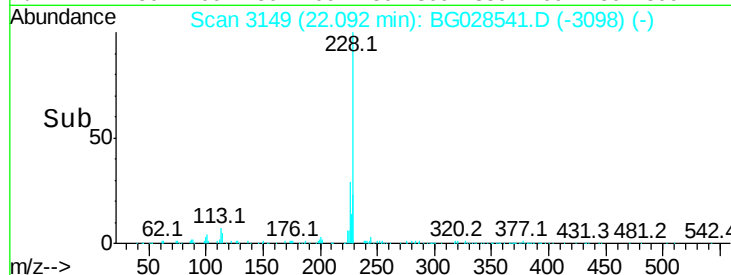
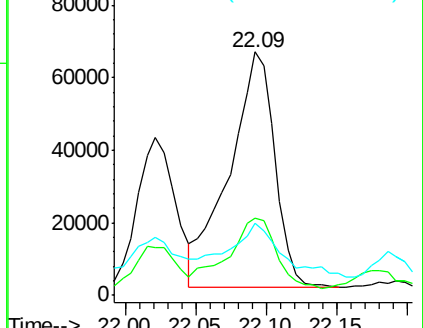
229 29.4 16.9 25.3#



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



#85

Benzo(b)fluoranthene

Concen: 8.410 ng/ul

RT: 24.44 min Scan# 3548

Delta R.T. 0.01 min

Lab File: BG028541.D

Acq: 29 Aug 2017 19:23

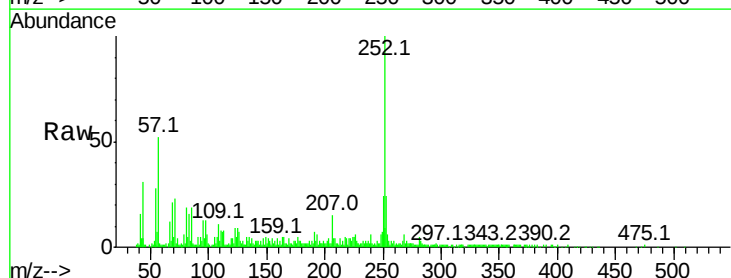
Tgt Ion:252 Resp: 182652

Ion Ratio Lower Upper

252 100

253 24.4 17.7 26.5

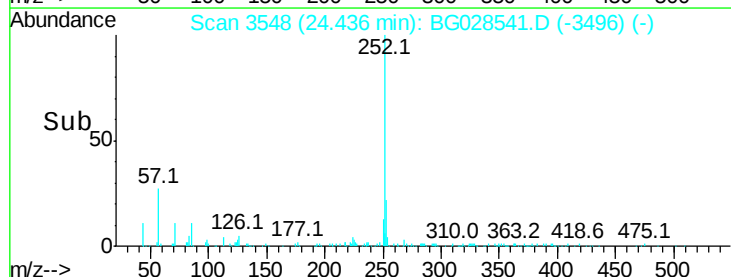
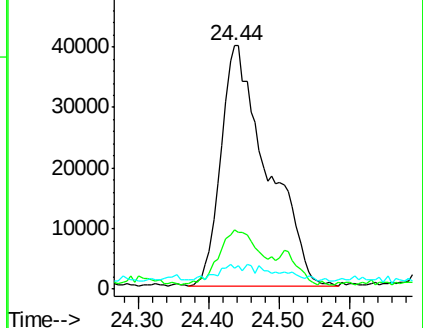
125 8.6 4.0 6.0#

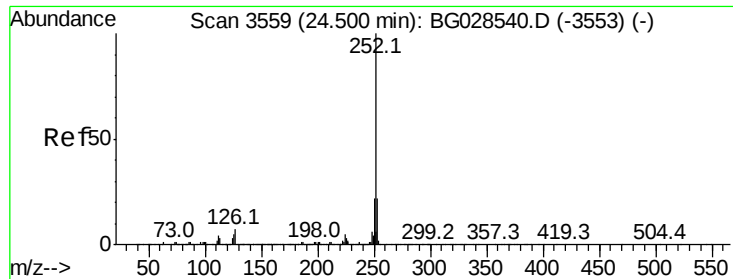


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 8.610 ng/ul

RT: 24.44 min Scan# 3548

Delta R.T. -0.06 min

Lab File: BG028541.D

Acq: 29 Aug 2017 19:23

Instrument :

BNA_G

ClientSampled :

5-POST1

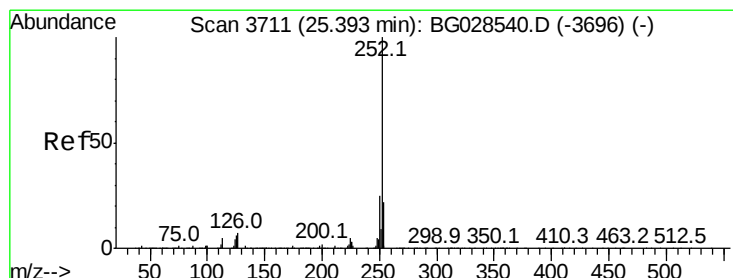
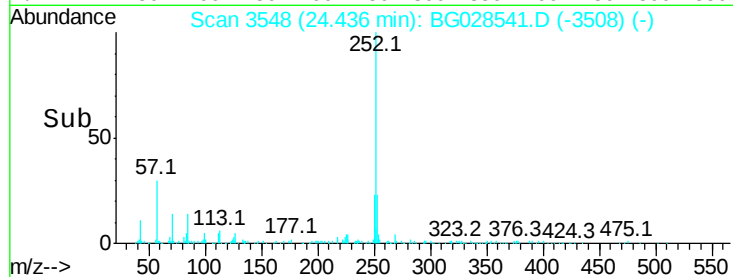
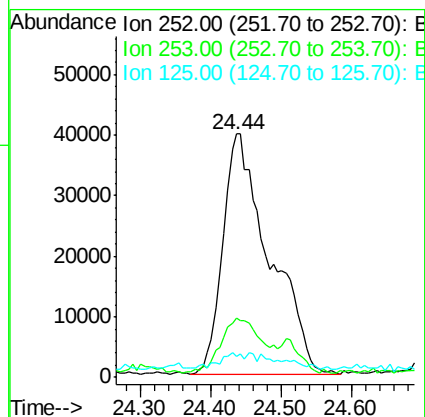
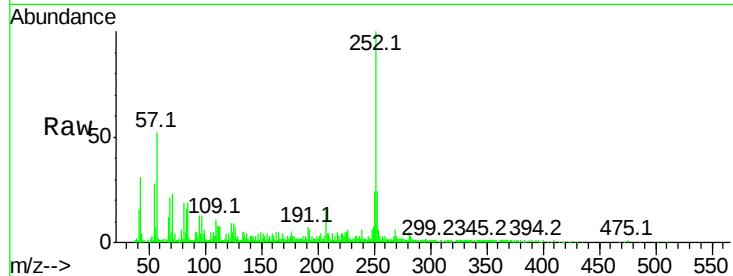
Tot Ion:252 Resp: 182652

Ion Ratio Lower Upper

252 100

253 24.4 18.5 27.7

125 8.6 4.1 6.1#



#88

Benzo(a)pyrene

Concen: 4.284 ng/ul

RT: 25.40 min Scan# 3712

Delta R.T. 0.01 min

Lab File: BG028541.D

Acq: 29 Aug 2017 19:23

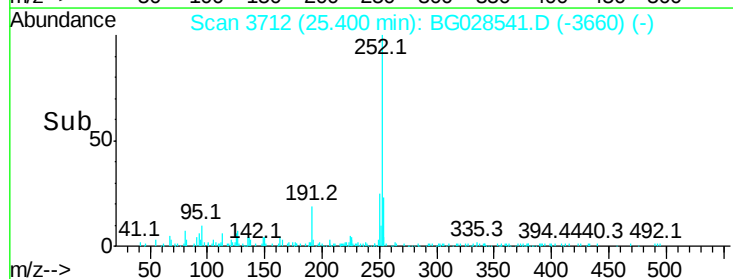
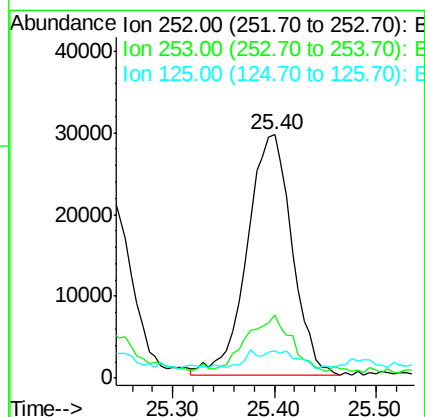
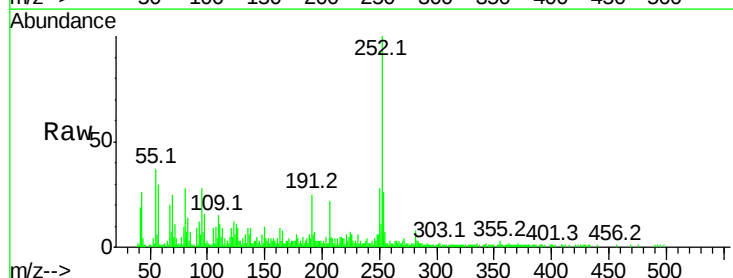
Tgt Ion:252 Resp: 90085

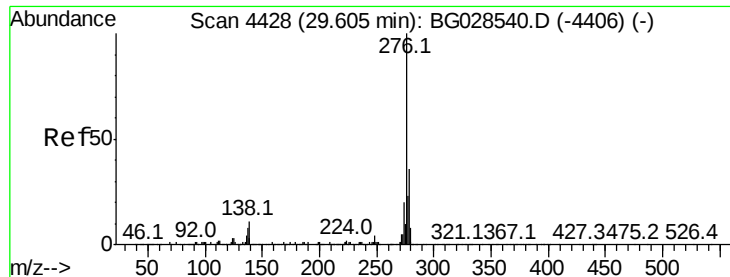
Ion Ratio Lower Upper

252 100

253 25.8 17.8 26.6

125 11.2 5.4 8.0#



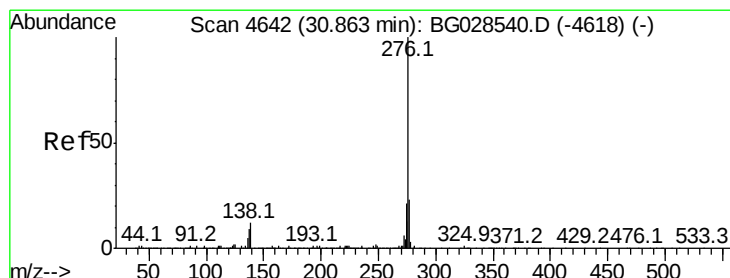
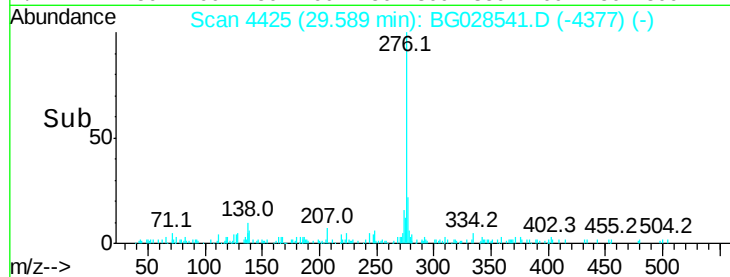
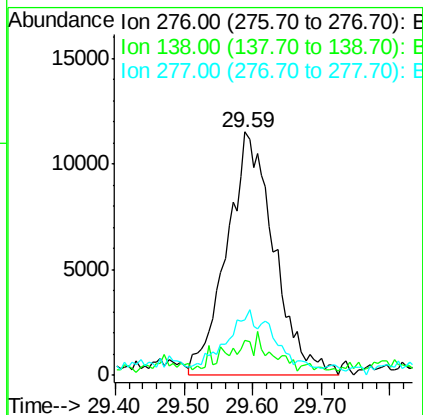
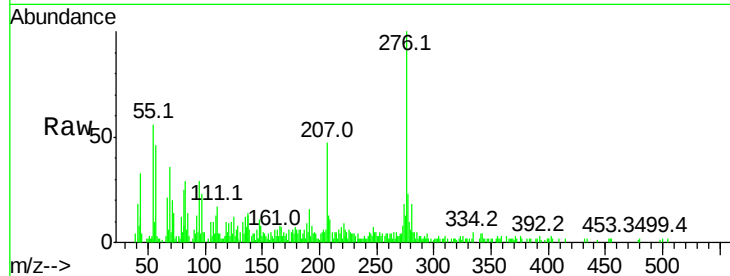


#89

Indeno(1,2,3-cd)pyrene
Concen: 2.235 ng/ul
RT: 29.59 min Scan# 4425
Delta R.T. -0.02 min
Lab File: BG028541.D
Acq: 29 Aug 2017 19:23

Instrument :
BNA_G
ClientSampleId :
5-POST1

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.5	8.2	12.4#
277	22.8	18.6	28.0



#91

Benzo(g,h,i)perylene
Concen: 2.219 ng/ul
RT: 30.87 min Scan# 4643
Delta R.T. 0.01 min
Lab File: BG028541.D
Acq: 29 Aug 2017 19:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.9	8.6	12.8#
277	27.4	17.6	26.4#

