

Data File : BG027543.D
Acq On : 20 Jun 2017 00:16
Operator : SJ/MA
Sample : I3625-14 25X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5C81

Quant Time: Jun 20 01:53:19 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 20 01:50:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	37661	20.00	ng/ul	0.00
18) Naphthalene-d8	11.35	136	189371	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.11	164	121547	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.96	188	14676	20.00	ng/ul	0.11
75) Chrysene-d12	22.40	240	419	20.00	ng/ul	0.17
83) Perylene-d12	25.88	264	265487	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.66	99	3446	0.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	2745	0.99	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	2512	0.93	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	3042	0.95	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	1920	1.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.41	143	1537	1.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	2799	1.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	11159	3.19	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	11686	1.15	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	12800	1.09	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	2010	1.01	ng/ul	0.00
57) Fluorene-d10	16.09	176	10718	1.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.96	188	14676	21.45	ng/ul	0.00
76) Pyrene-d10	20.36	212	129	6.30	ng/ul	0.14
87) Benzo(a)pyrene-d12	25.62	264	14342	1.20	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.68	94	8610	2.01	ng/ul	92
11) 2-Methylphenol	8.94	108	5939	1.92	ng/ul	99
16) 4-Methylphenol	9.26	108	18156	5.34	ng/ul	96
17) Hexachloroethane	9.62	117	2703	2.60	ng/ul#	1
24) 2,4-Dimethylphenol	10.48	107	25879	6.77	ng/ul#	87
28) Naphthalene	11.41	128	5341549	548.88	ng/ul#	79
30) 4-Chloroaniline	11.41	127	1021043	296.03	ng/ul#	28
34) 2-Methylnaphthalene	12.96	142	1439339	199.45	ng/ul	93
40) 1,1'-Biphenyl	13.94	154	392309	40.80	ng/ul#	97
42) 2-Nitroaniline	14.14	65	2730	1.00	ng/ul#	25
45) 2,6-Dinitrotoluene	14.50	165	3082	1.64	ng/ul#	84
47) Acenaphthylene	14.83	152	75436	6.42	ng/ul#	95
49) Acenaphthene	15.18	153	1228508	149.95	ng/ul	98
53) Dibenzofuran	15.51	168	1378184	115.42	ng/ul	99
54) 2,4-Dinitrotoluene	15.49	165	2998	1.04	ng/ul#	1
58) Fluorene	16.15	166	1409222	142.21	ng/ul	99
60) 4-Nitroaniline	16.15	138	18436	7.38	ng/ul#	1
64) N-Nitrosodiphenylamine	16.45	169	6822	16.16	ng/ul#	40
69) Phenanthrene	18.00	178	1133526	1437.27	ng/ul	98
71) Anthracene	18.00	178	1133526	1413.48	ng/ul	99
72) Carbazole	18.26	167	597902	866.89	ng/ul	98
73) Di-n-butylphthalate	18.93	149	2431	2.85	ng/ul#	1
74) Fluoranthene	19.98	202	11697	13.18	ng/ul#	69

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	20.39	202	2960	119.51	ng/ul#	61
78) Butylbenzylphthalate	21.28	149	256	27.43	ng/ul#	16
79) 3,3'-Dichlorobenzidine	22.28	252	4758	616.90	ng/ul#	1
80) Benzo(a)anthracene	22.29	228	583291	24998.30	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	22.20	149	4072	303.75	ng/ul#	87
82) Chrysene	22.29	228	582277	27631.24	ng/ul	97
85) Benzo(b)fluoranthene	24.72	252	373911	23.65	ng/ul#	97
86) Benzo(k)fluoranthene	24.78	252	141262	9.29	ng/ul#	94
88) Benzo(a)pyrene	25.71	252	231370	15.24	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	30.08	276	65586	3.78	ng/ul#	94
91) Benzo(g,h,i)perylene	31.39	276	20042	1.41	ng/ul#	95

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

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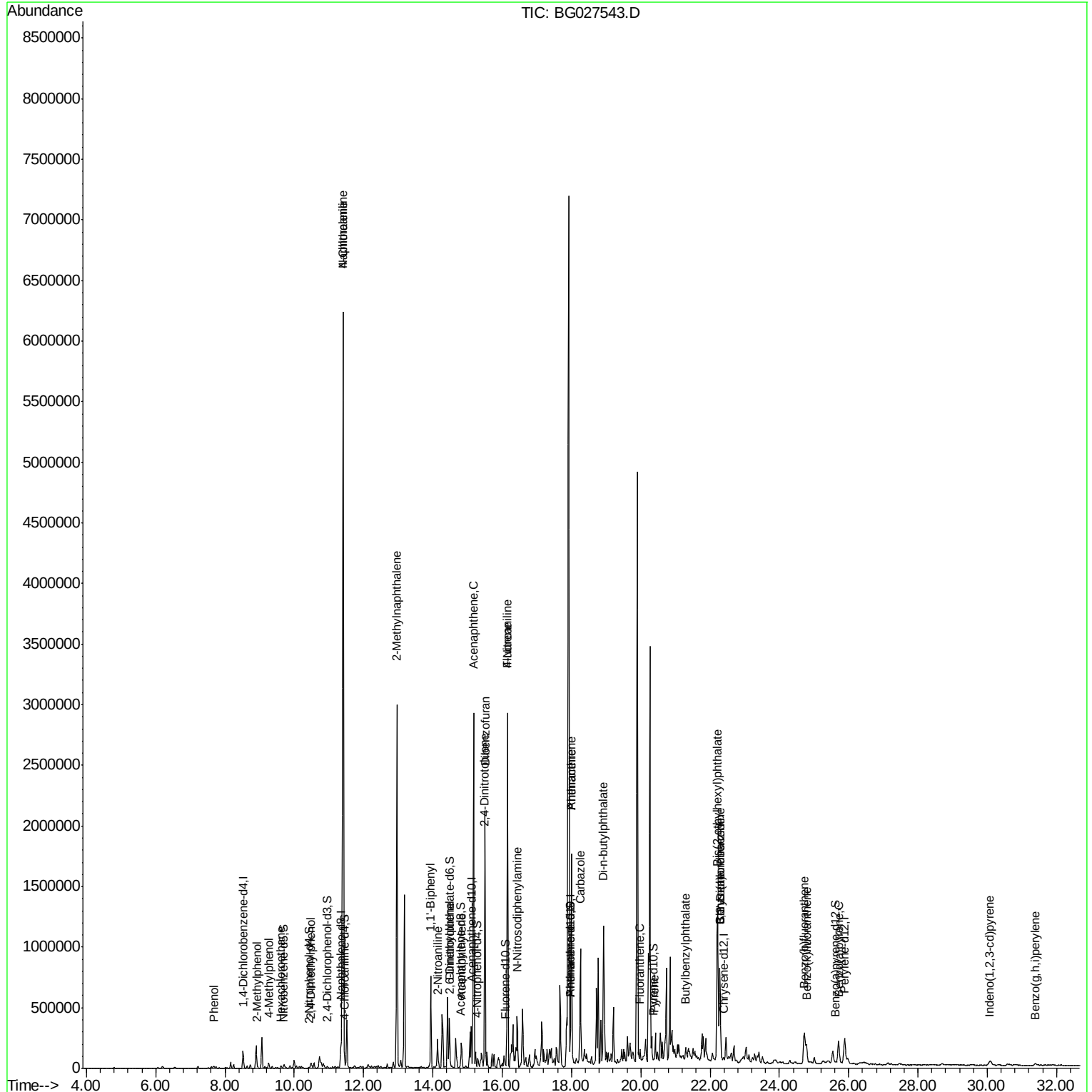
Quant Time: Jun 20 01:53:19 2017

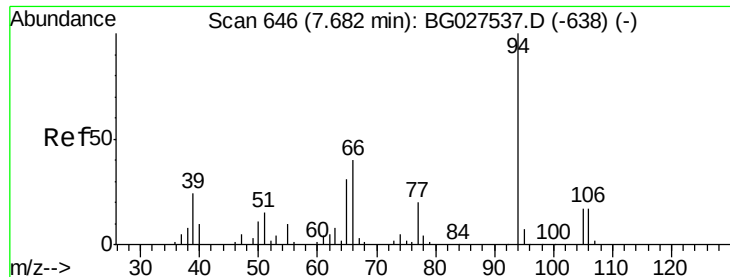
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M

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#6

Phenol

Concen: 2.01 ng/ul

RT: 7.68 min Scan# 645

Delta R.T. -0.00 min

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Instrument :

BNA_G

ClientSampleId :

F5C81

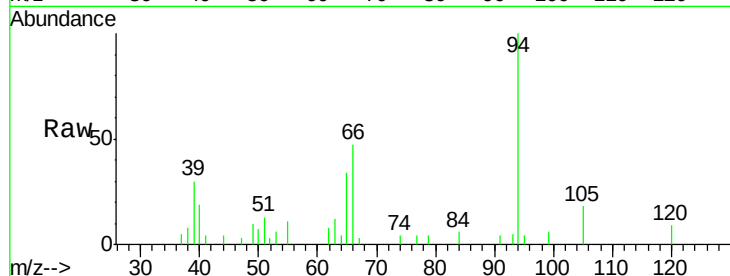
Tgt Ion: 94 Resp: 8610

Ion Ratio Lower Upper

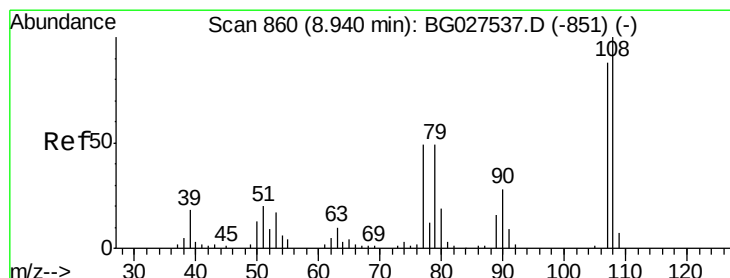
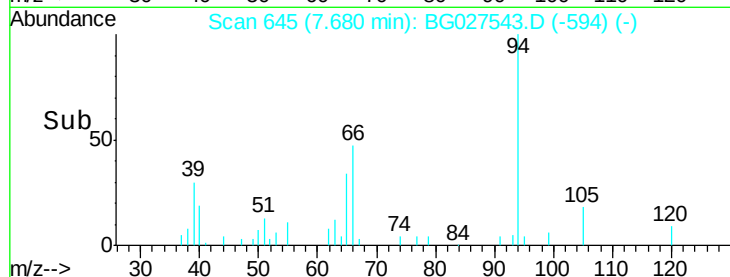
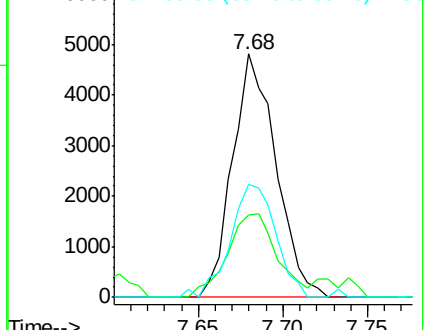
94 100

65 34.1 26.8 40.2

66 46.6 44.4 66.6



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



#11

2-Methylphenol

Concen: 1.92 ng/ul

RT: 8.94 min Scan# 859

Delta R.T. -0.00 min

Lab File: BG027543.D

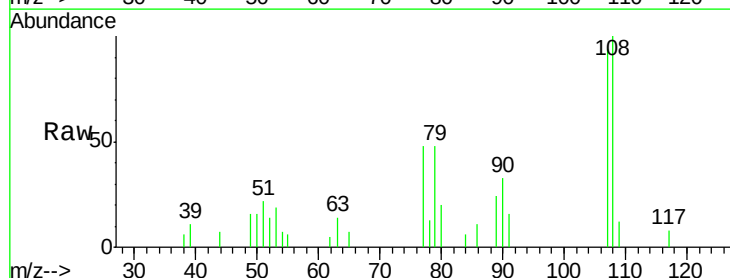
Acq: 20 Jun 2017 00:16

Tgt Ion: 108 Resp: 5939

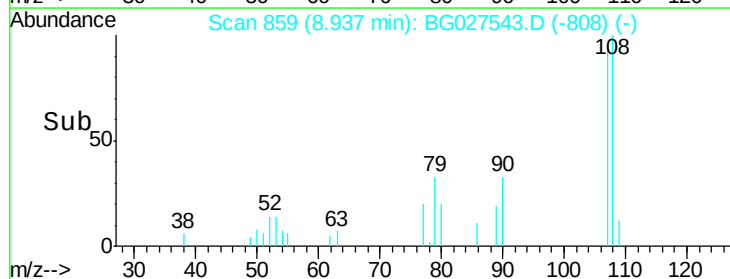
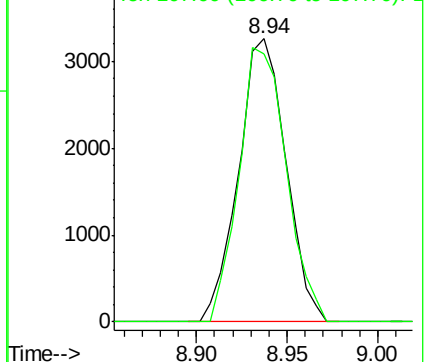
Ion Ratio Lower Upper

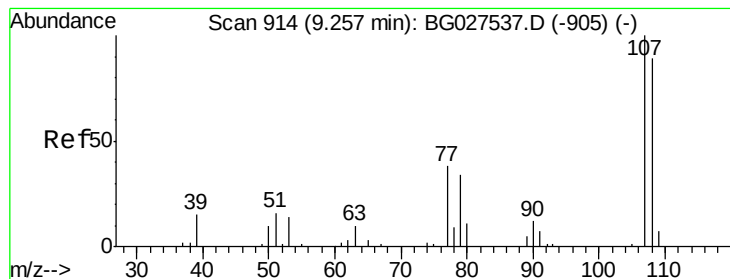
108 100

107 94.5 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E





#16

4-Methylphenol

Concen: 5.34 ng/ul

RT: 9.26 min Scan# 914

Delta R.T. 0.00 min

Lab File: BG027543.D

Acq: 20 Jun 2017 00:16

Instrument :

BNA_G

ClientSampled :

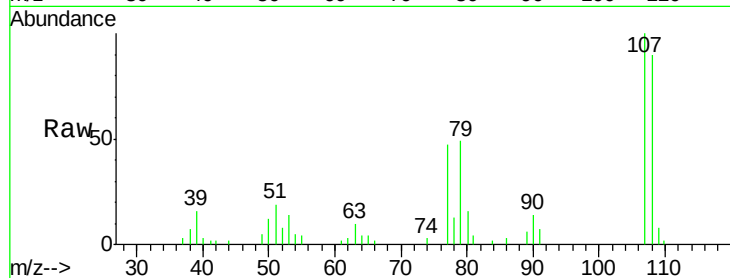
F5C81

Tgt Ion:108 Resp: 18156

Ion Ratio Lower Upper

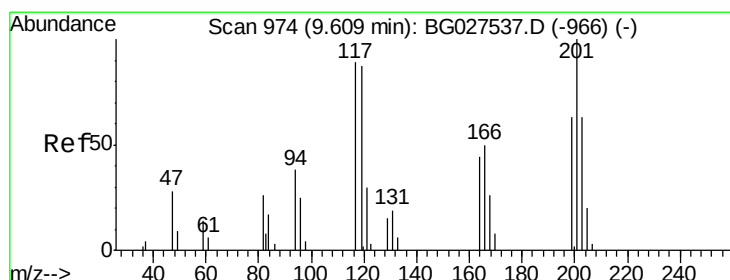
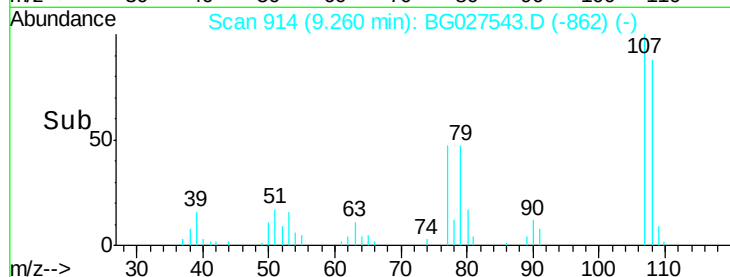
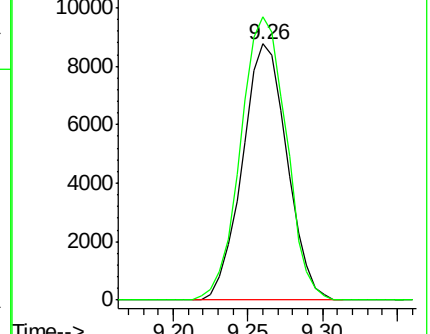
108 100

107 110.5 91.7 137.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#17

Hexachloroethane

Concen: 2.60 ng/ul

RT: 9.62 min Scan# 975

Delta R.T. 0.01 min

Lab File: BG027543.D

Acq: 20 Jun 2017 00:16

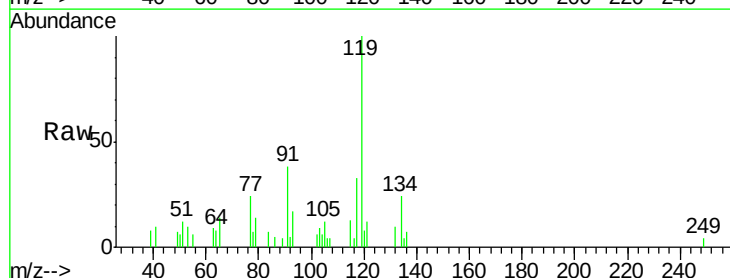
Tgt Ion:117 Resp: 2703

Ion Ratio Lower Upper

117 100

201 0.0 91.9 137.9#

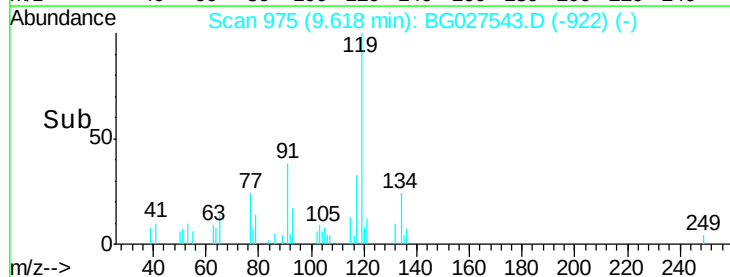
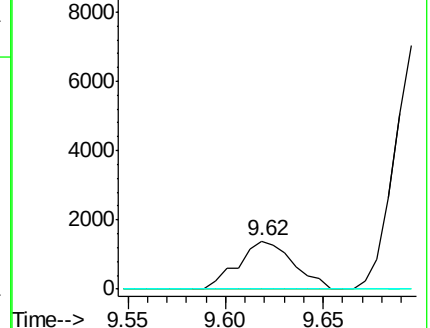
199 0.0 64.3 96.5#

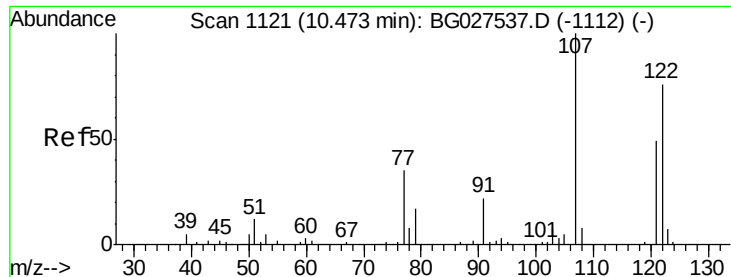


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

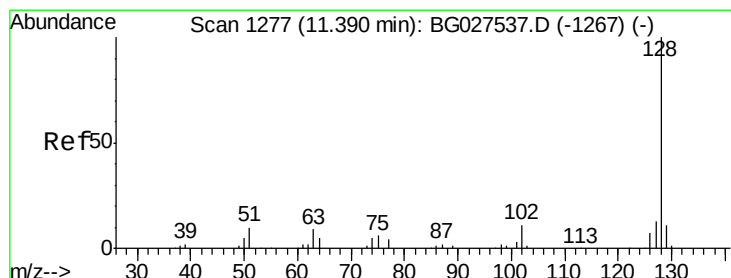
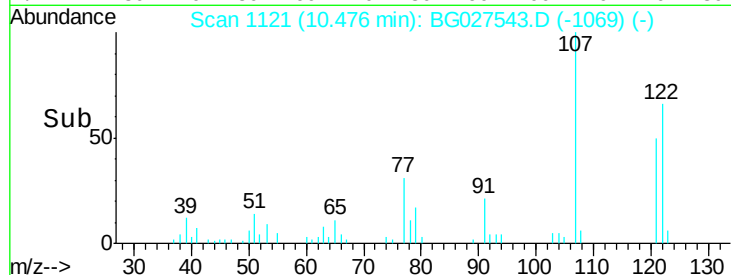
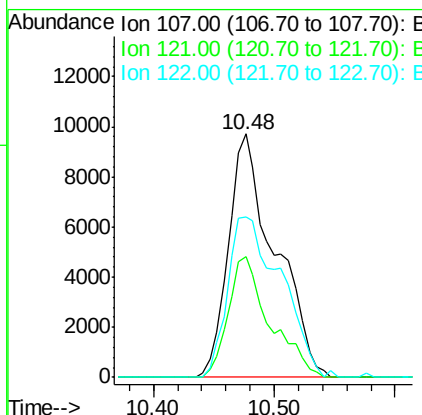
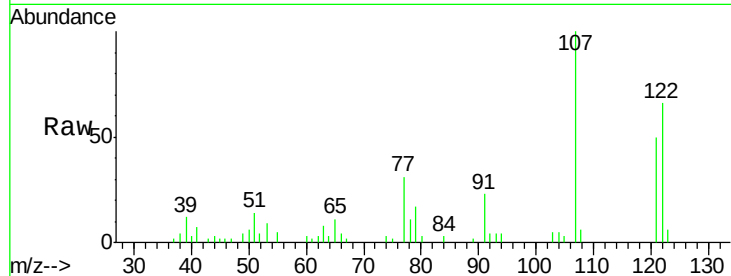




#24
2,4-Dimethylphenol
Concen: 6.77 ng/ul
RT: 10.48 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BG027543.D
Acq: 20 Jun 2017 00:16

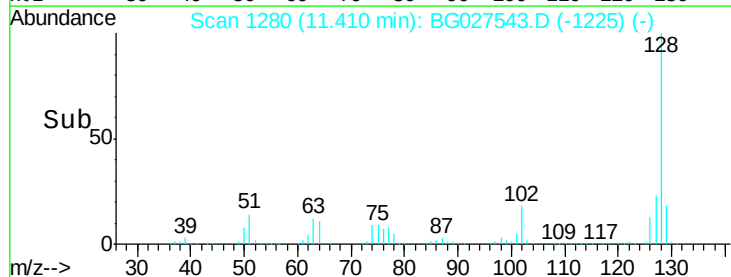
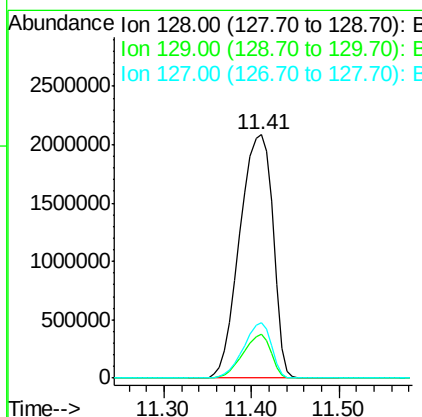
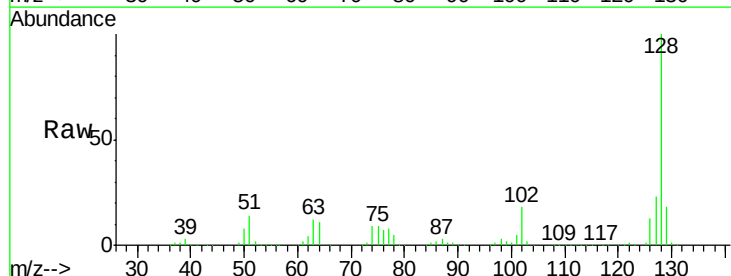
Instrument :
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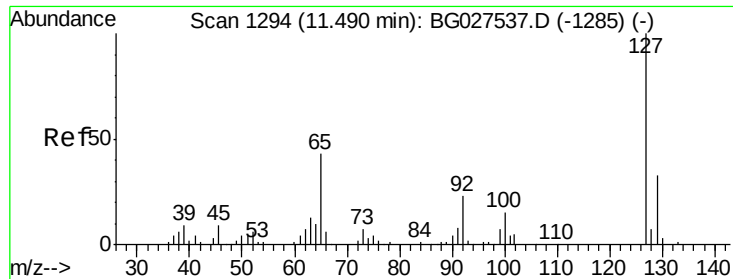
Tgt Ion:107 Resp: 25879
Ion Ratio Lower Upper
107 100
121 49.5 32.3 48.5#
122 65.8 61.2 91.8



#28
Naphthalene
Concen: 548.88 ng/ul
RT: 11.41 min Scan# 1280
Delta R.T. 0.02 min
Lab File: BG027543.D
Acq: 20 Jun 2017 00:16

Tgt Ion:128 Resp: 5341549
Ion Ratio Lower Upper
128 100
129 17.9 9.4 14.2#
127 22.8 10.3 15.5#

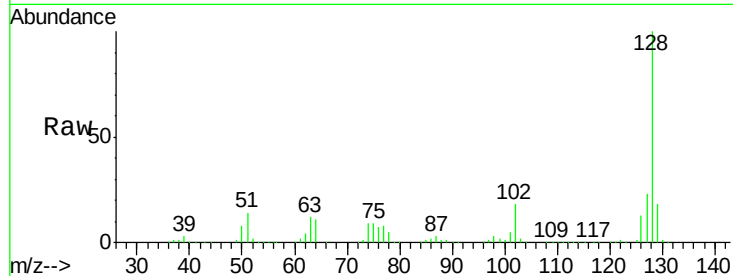




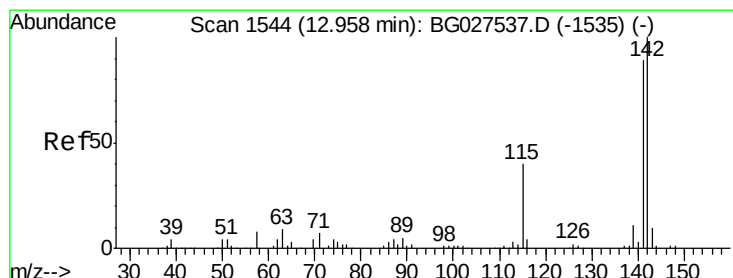
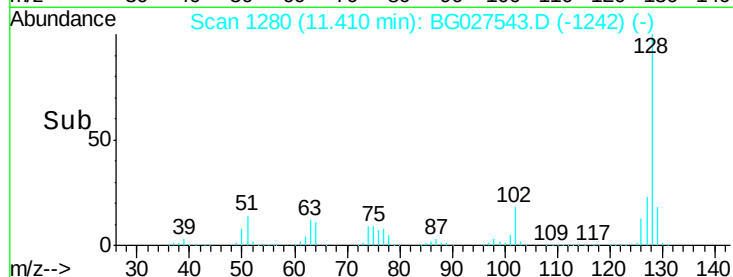
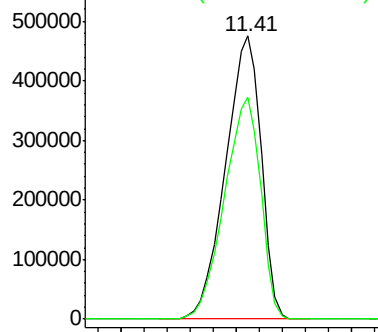
#30
4-Chloroaniline
Concen: 296.03 ng/ul
RT: 11.41 min Scan# 1280
Delta R.T. -0.08 min
Lab File: BG027543.D
Acq: 20 Jun 2017 00:16

Instrument :
BNA_G
ClientSampleId :
F5C81

Tgt Ion:127 Resp: 1021043
Ion Ratio Lower Upper
127 100
129 78.5 28.9 43.3#

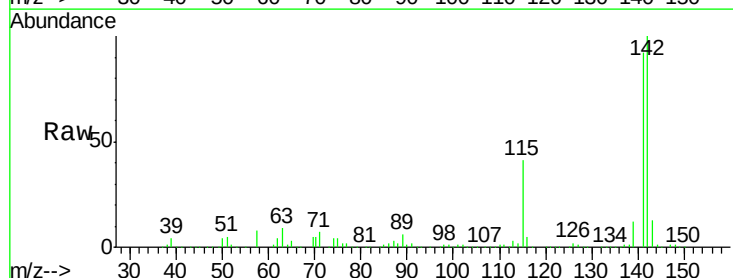


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

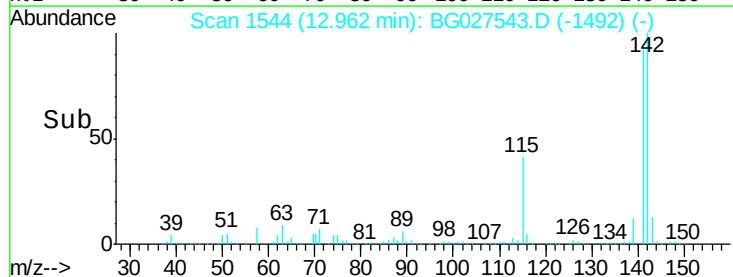
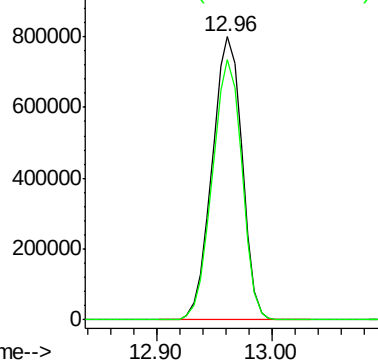


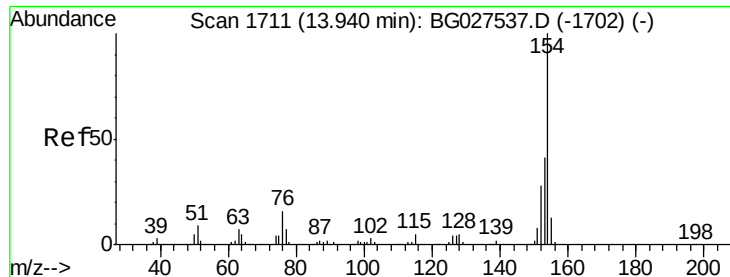
#34
2-Methylnaphthalene
Concen: 199.45 ng/ul
RT: 12.96 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BG027543.D
Acq: 20 Jun 2017 00:16

Tgt Ion:142 Resp: 1439339
Ion Ratio Lower Upper
142 100
141 92.0 68.6 102.8



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

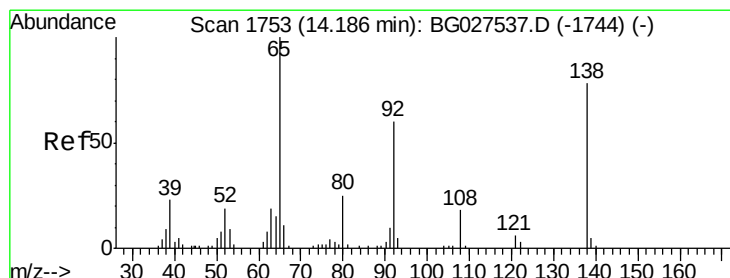
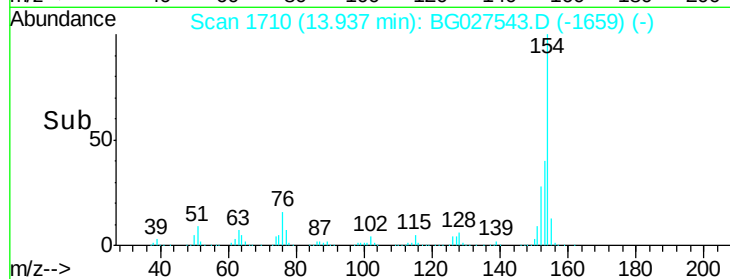
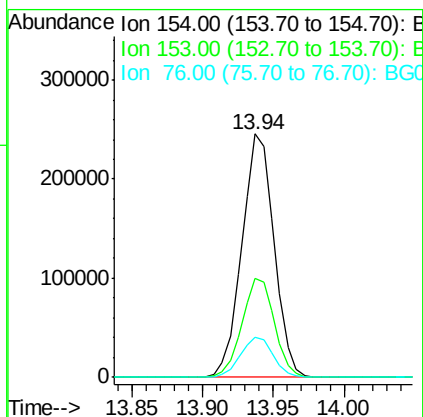
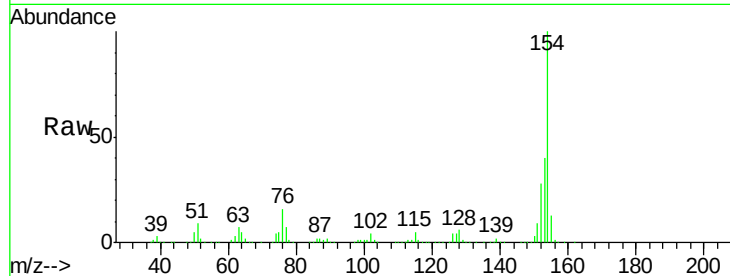




#40
 1,1'-Biphenyl
 Concen: 40.80 ng/ul
 RT: 13.94 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG027543.D
 Acq: 20 Jun 2017 00:16

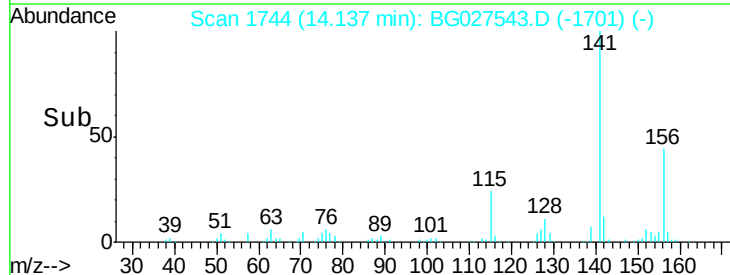
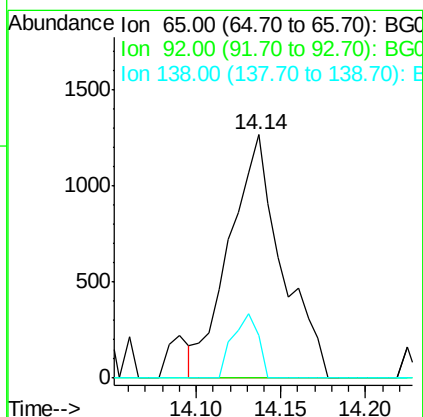
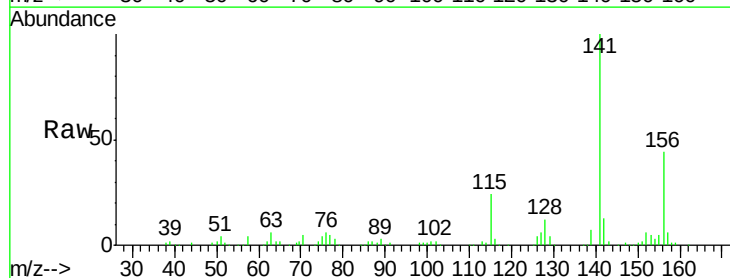
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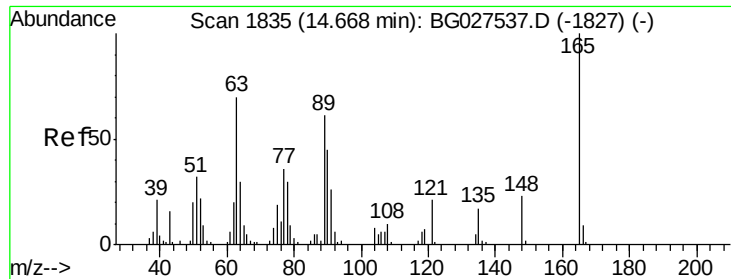
Tgt Ion:	154	Resp:	392309
Ion	Ratio	Lower	Upper
154	100		
153	40.4	32.2	48.2
76	16.5	9.6	14.4#



#42
 2-Nitroaniline
 Concen: 1.00 ng/ul
 RT: 14.14 min Scan# 1744
 Delta R.T. -0.05 min
 Lab File: BG027543.D
 Acq: 20 Jun 2017 00:16

Tgt Ion:	65	Resp:	2730
Ion	Ratio	Lower	Upper
65	100		
92	0.0	50.9	76.3#
138	17.3	61.8	92.6#

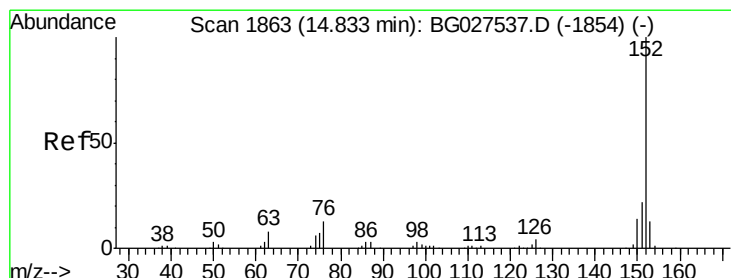
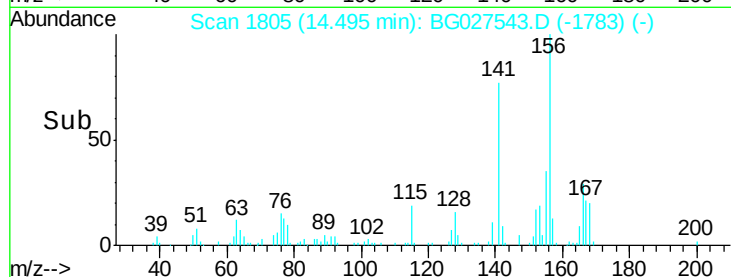
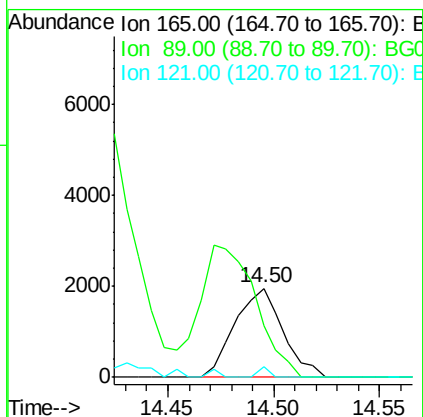
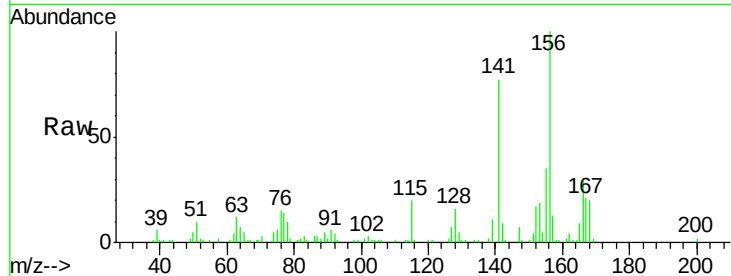




#45
 2,6-Dinitrotoluene
 Concen: 1.64 ng/ul
 RT: 14.50 min Scan# 1805
 Delta R.T. -0.17 min
 Lab File: BG027543.D
 Acq: 20 Jun 2017 00:16

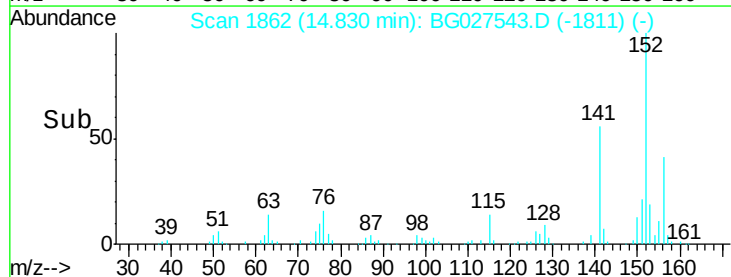
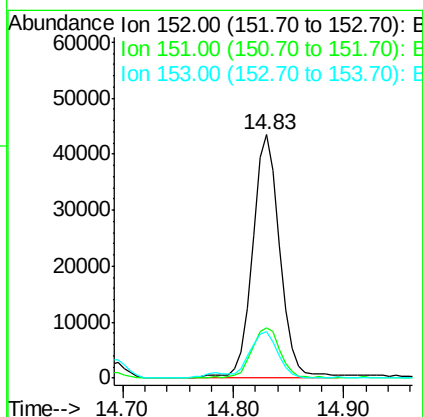
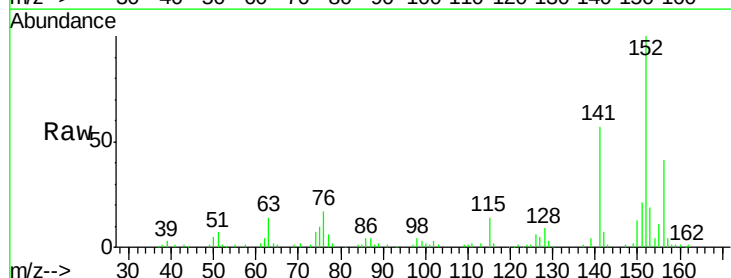
Instrument :
 BNA_G
 ClientSampleId :
 F5C81

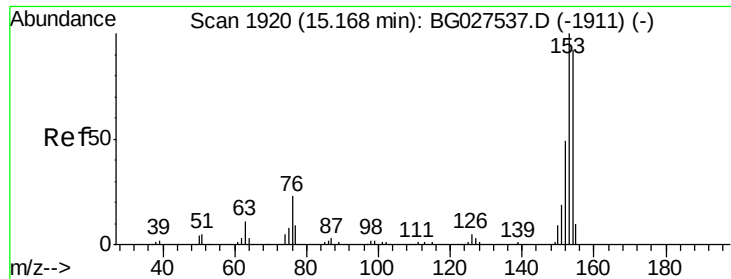
Tgt Ion:165 Resp: 3082
 Ion Ratio Lower Upper
 165 100
 89 58.4 52.9 79.3
 121 11.4 22.2 33.4#



#47
 Acenaphthylene
 Concen: 6.42 ng/ul
 RT: 14.83 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: BG027543.D
 Acq: 20 Jun 2017 00:16

Tgt Ion:152 Resp: 75436
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.7 25.1
 153 19.1 11.4 17.2#





#49

Acenaphthene

Concen: 149.95 ng/ul

RT: 15.18 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BG027543.D

Acq: 20 Jun 2017 00:16

Instrument :

BNA_G

ClientSampleId :

F5C81

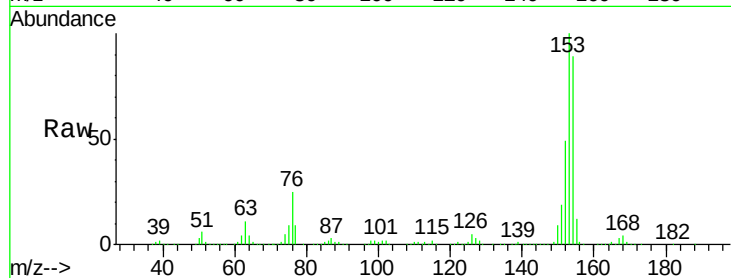
Tgt Ion:153 Resp: 1228508

Ion Ratio Lower Upper

153 100

152 49.0 36.5 54.7

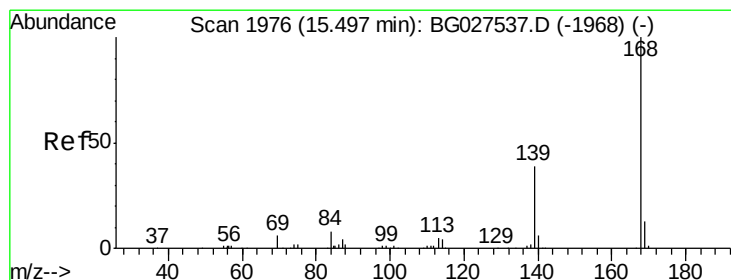
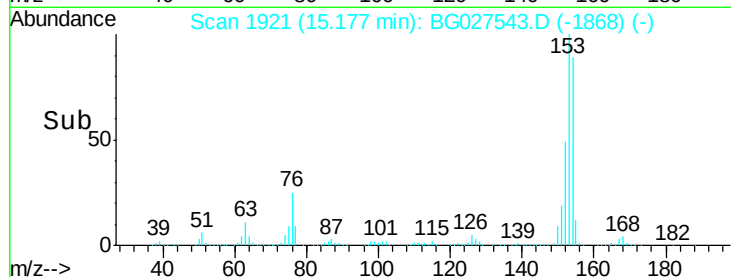
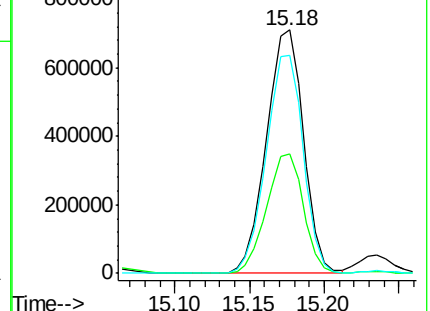
154 89.4 72.3 108.5



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: 115.42 ng/ul

RT: 15.51 min Scan# 1977

Delta R.T. 0.01 min

Lab File: BG027543.D

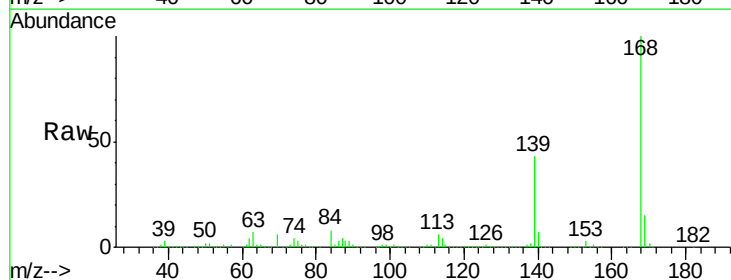
Acq: 20 Jun 2017 00:16

Tgt Ion:168 Resp: 1378184

Ion Ratio Lower Upper

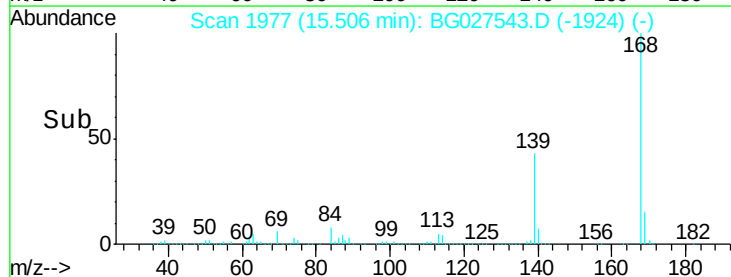
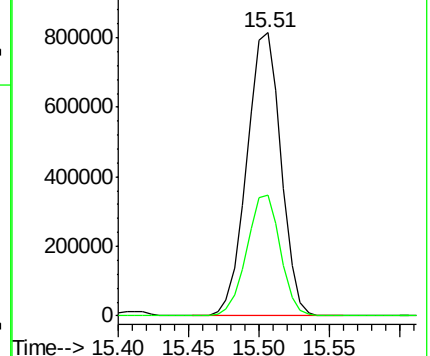
168 100

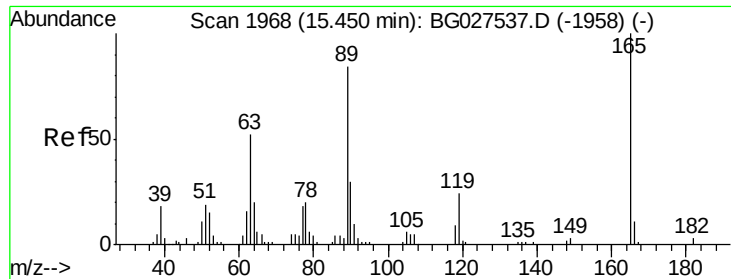
139 42.9 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

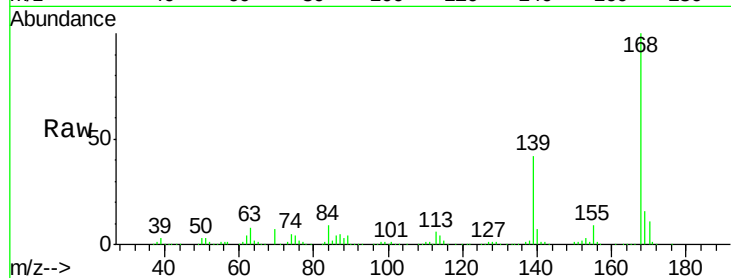




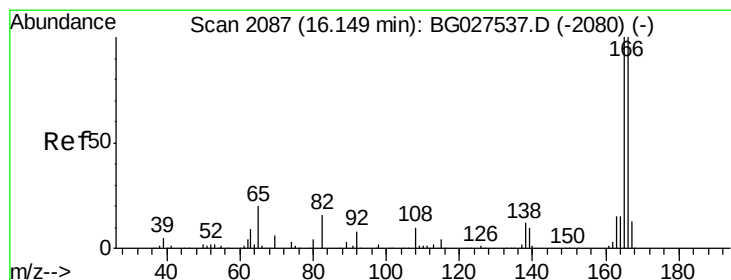
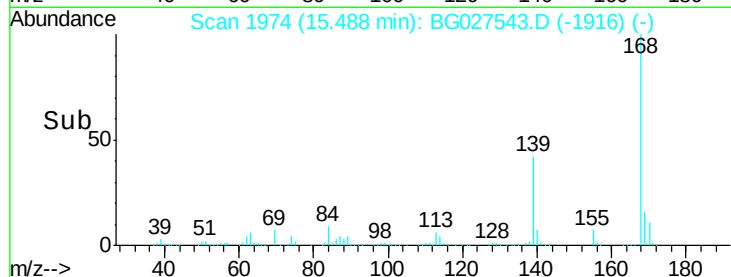
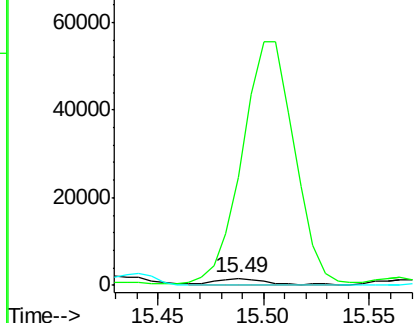
#54
 2,4-Dinitrotoluene
 Concen: 1.04 ng/ul
 RT: 15.49 min Scan# 1974
 Delta R.T. 0.04 min
 Lab File: BG027543.D
 Acq: 20 Jun 2017 00:16

Instrument :
 BNA_G
 ClientSampleId :
 F5C81

Tgt Ion:165 Resp: 2998
 Ion Ratio Lower Upper
 165 100
 63 1578.5 46.8 70.2#
 182 0.0 1.8 2.6#

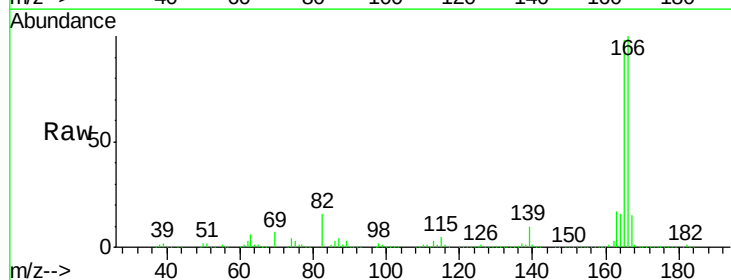


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 182.00 (181.70 to 182.70): E

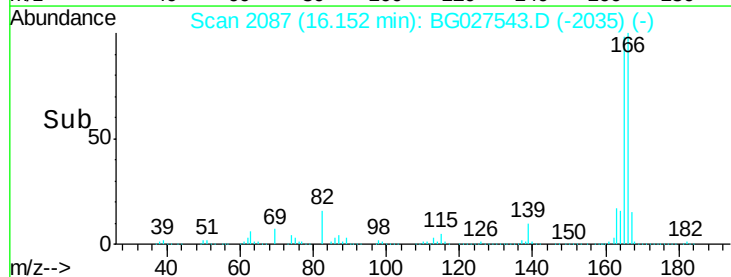
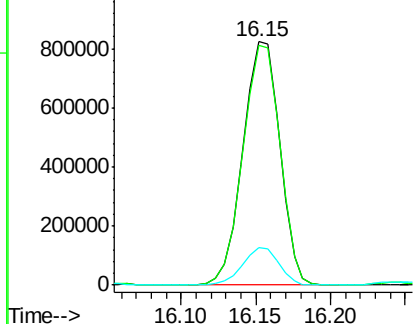


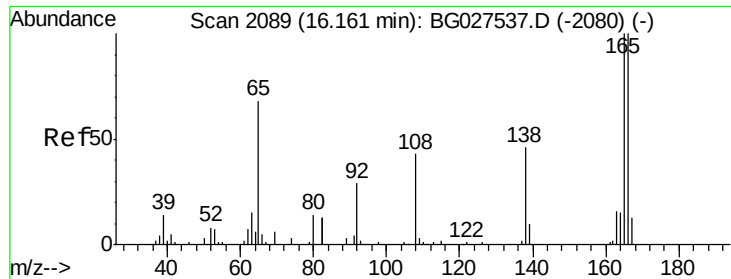
#58
 Fluorene
 Concen: 142.21 ng/ul
 RT: 16.15 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: BG027543.D
 Acq: 20 Jun 2017 00:16

Tgt Ion:166 Resp: 1409222
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.7 119.5
 167 15.2 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

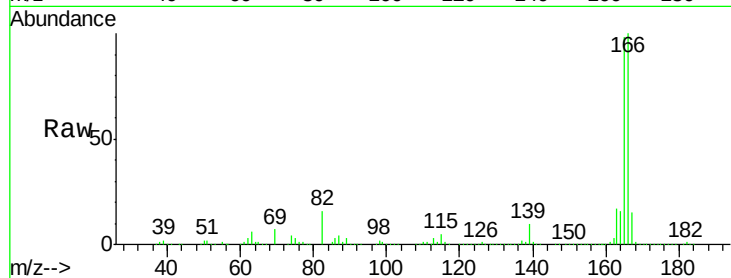




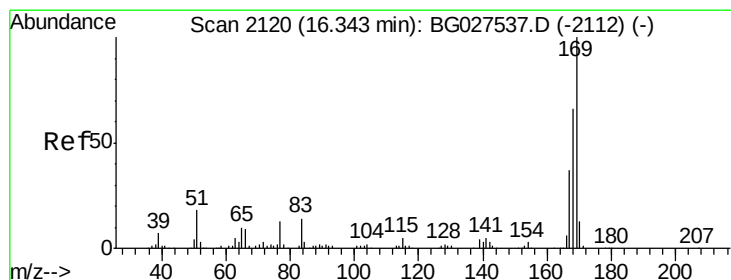
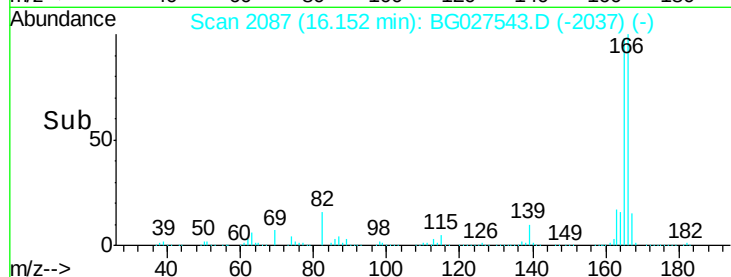
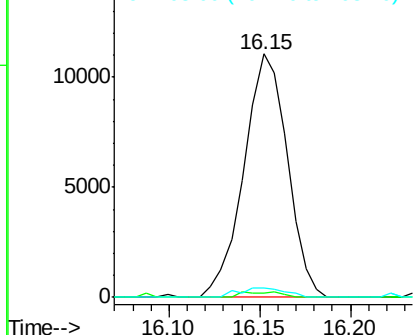
#60
4-Nitroaniline
Concen: 7.38 ng/ul
RT: 16.15 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BG027543.D
Acq: 20 Jun 2017 00:16

Instrument :
BNA_G
ClientSampleId :
F5C81

Tgt Ion:138 Resp: 18436
Ion Ratio Lower Upper
138 100
92 1.6 56.9 85.3#
108 3.8 104.9 157.3#

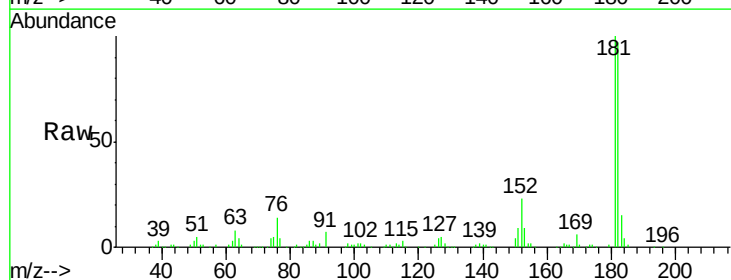


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

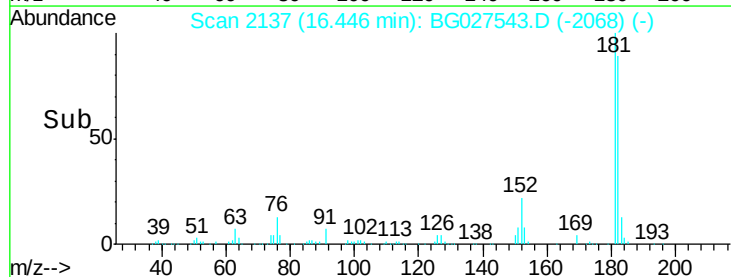
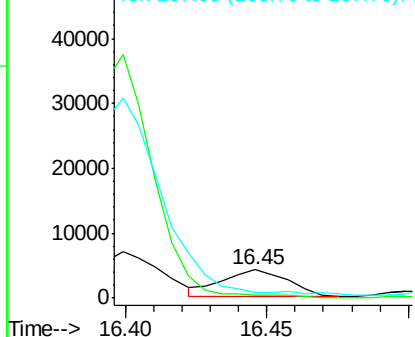


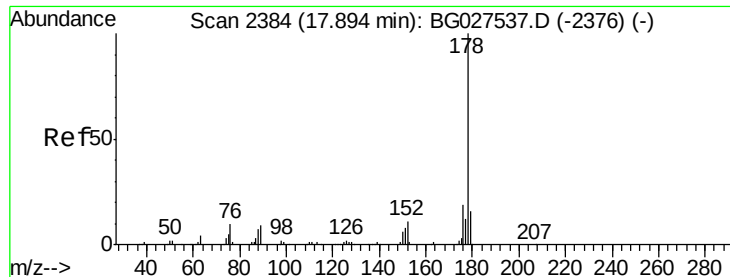
#64
N-Nitrosodiphenylamine
Concen: 16.16 ng/ul
RT: 16.45 min Scan# 2137
Delta R.T. 0.10 min
Lab File: BG027543.D
Acq: 20 Jun 2017 00:16

Tgt Ion:169 Resp: 6822
Ion Ratio Lower Upper
169 100
168 8.8 59.1 88.7#
167 21.6 29.7 44.5#



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





#69

Phenanthrene

Concen: 1437.27 ng/ul

RT: 18.00 min Scan# 2401

Delta R.T. 0.10 min

Lab File: BG027543.D

Acq: 20 Jun 2017 00:16

Instrument :

BNA_G

ClientSampleId :

F5C81

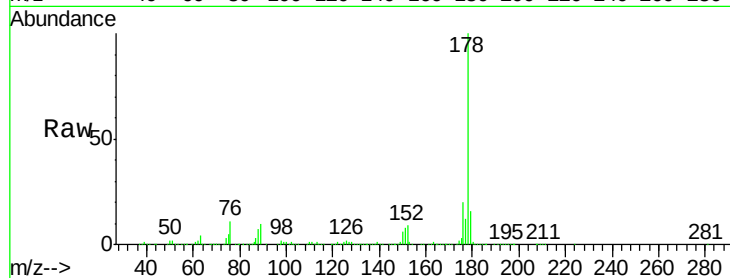
Tgt Ion:178 Resp: 1133526

Ion Ratio Lower Upper

178 100

179 16.5 12.4 18.6

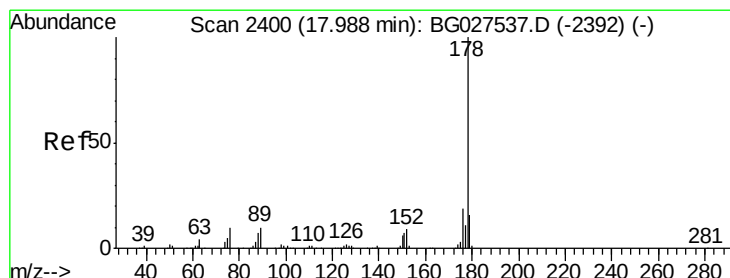
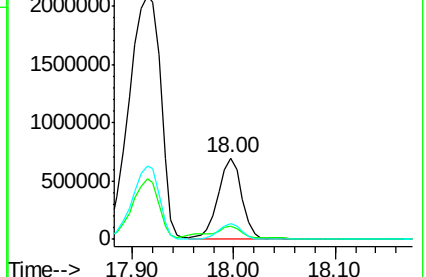
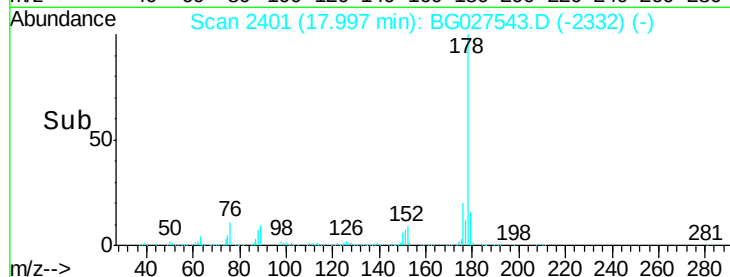
176 19.9 16.5 24.7



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: 1413.48 ng/ul

RT: 18.00 min Scan# 2401

Delta R.T. 0.01 min

Lab File: BG027543.D

Acq: 20 Jun 2017 00:16

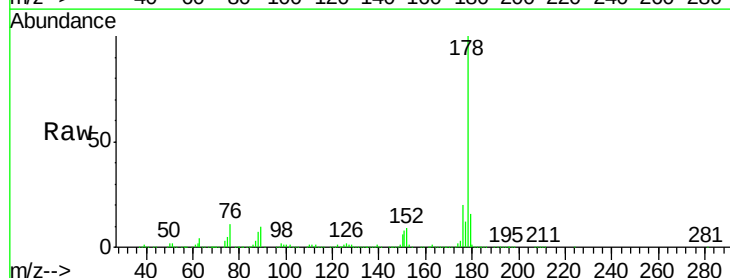
Tgt Ion:178 Resp: 1133526

Ion Ratio Lower Upper

178 100

179 16.5 12.6 19.0

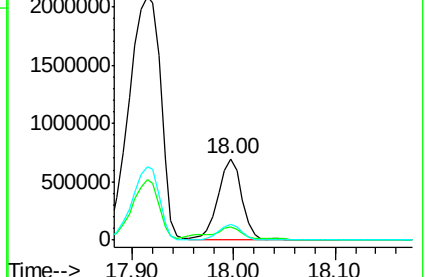
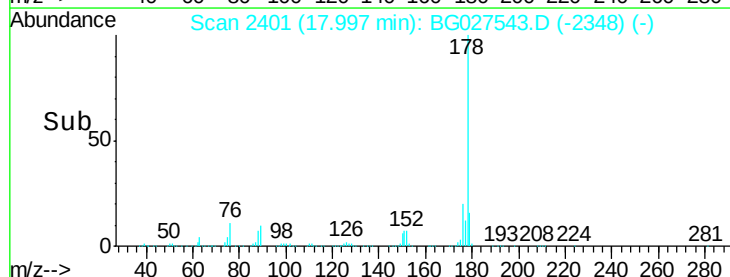
176 19.9 15.9 23.9

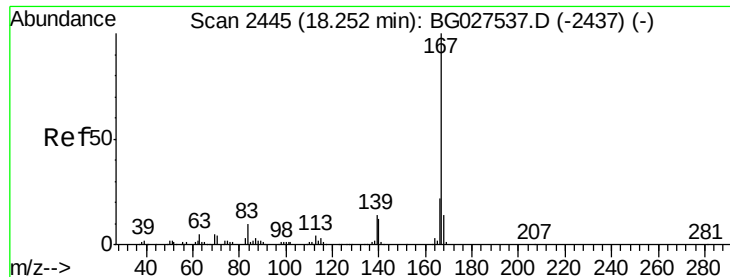


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 866.89 ng/ul

RT: 18.26 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BG027543.D

Acq: 20 Jun 2017 00:16

Instrument :

BNA_G

ClientSampleId :

F5C81

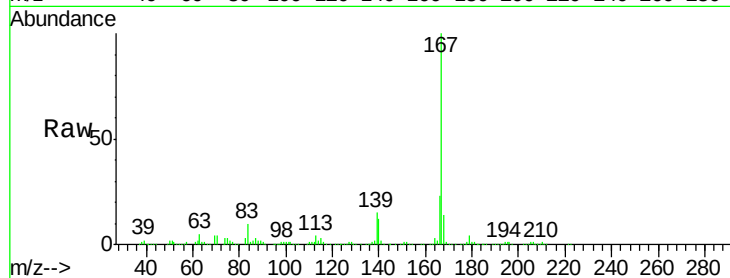
Tgt Ion:167 Resp: 597902

Ion Ratio Lower Upper

167 100

166 22.9 17.9 26.9

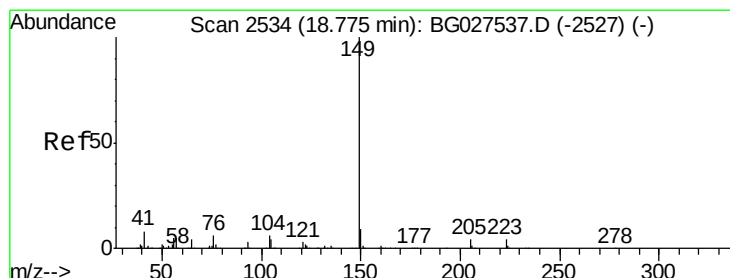
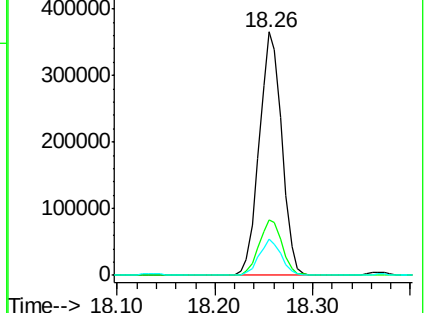
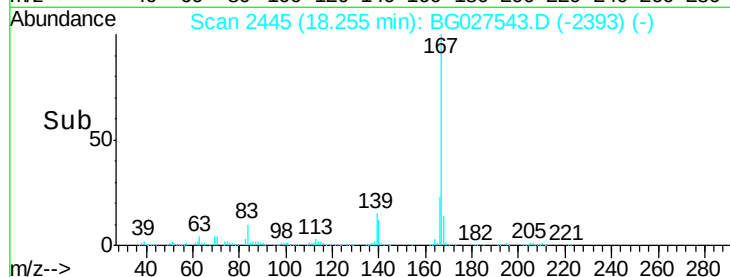
139 14.7 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 2.85 ng/ul

RT: 18.93 min Scan# 2560

Delta R.T. 0.16 min

Lab File: BG027543.D

Acq: 20 Jun 2017 00:16

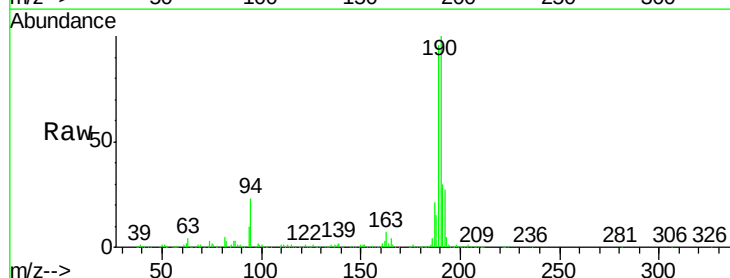
Tgt Ion:149 Resp: 2431

Ion Ratio Lower Upper

149 100

150 294.5 7.9 11.9#

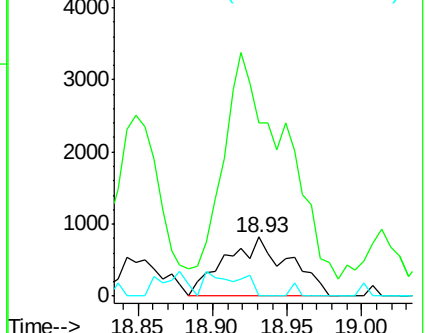
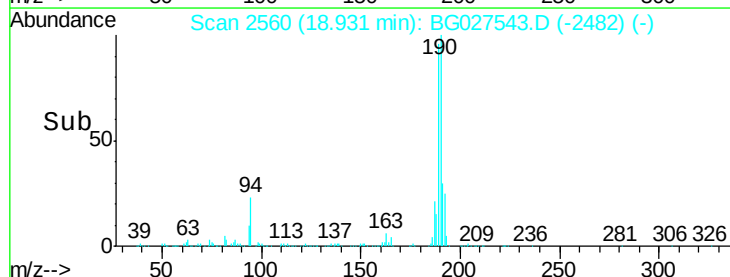
104 0.0 5.8 8.8#

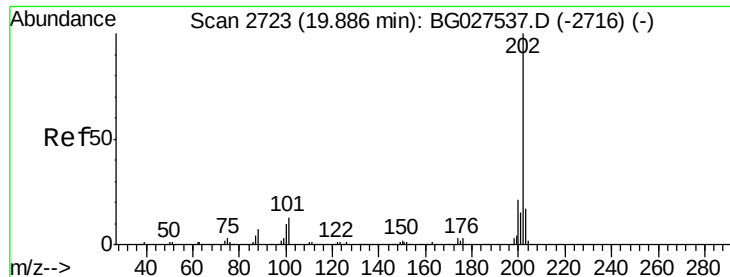


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 13.18 ng/ul

RT: 19.98 min Scan# 2739

Delta R.T. 0.10 min

Lab File: BG027543.D

Acq: 20 Jun 2017 00:16

Instrument :

BNA_G

ClientSampleId :

F5C81

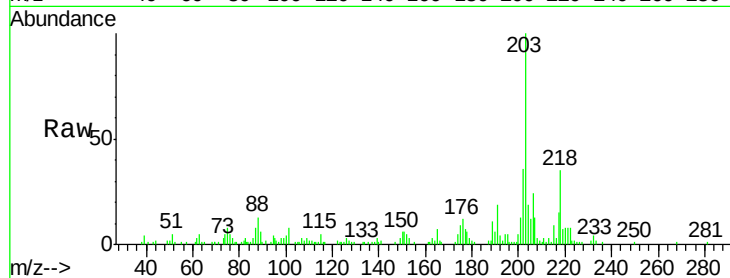
Tgt Ion:202 Resp: 11697

Ion Ratio Lower Upper

202 100

101 23.7 6.2 9.2#

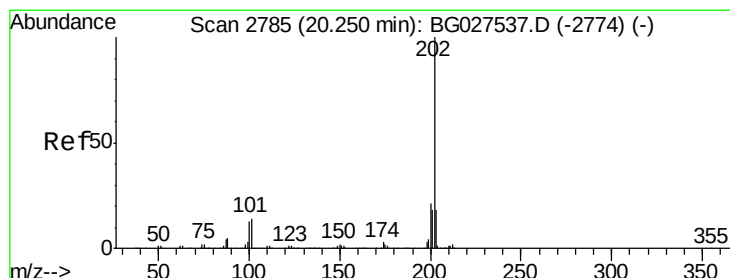
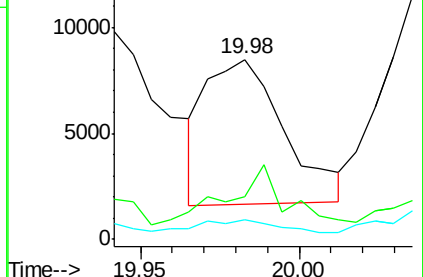
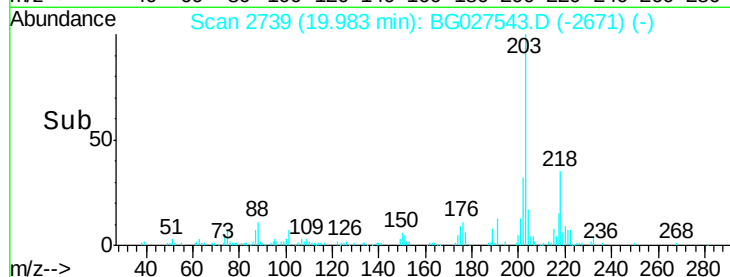
100 10.9 5.2 7.8#



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: 119.51 ng/ul

RT: 20.39 min Scan# 2809

Delta R.T. 0.14 min

Lab File: BG027543.D

Acq: 20 Jun 2017 00:16

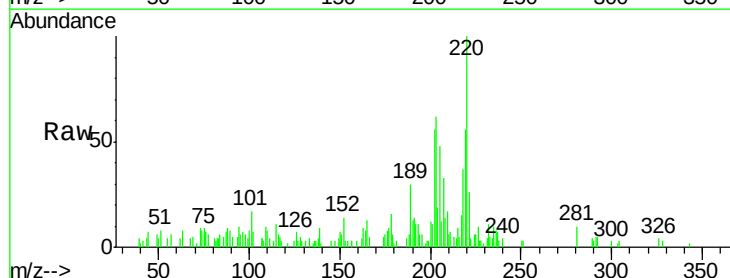
Tgt Ion:202 Resp: 2960

Ion Ratio Lower Upper

202 100

101 30.1 6.9 10.3#

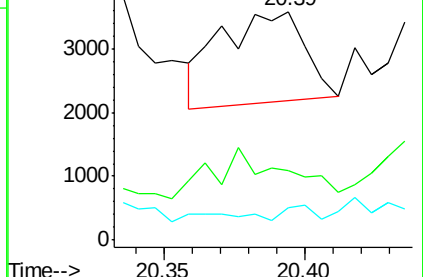
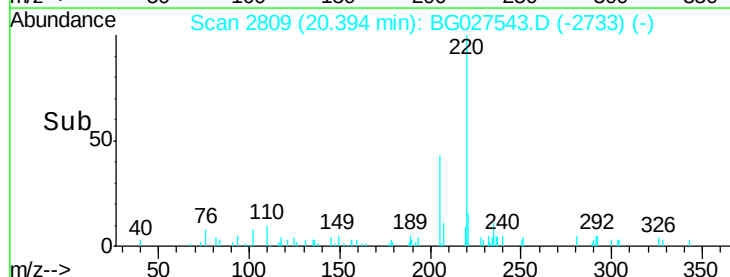
100 14.1 6.6 10.0#

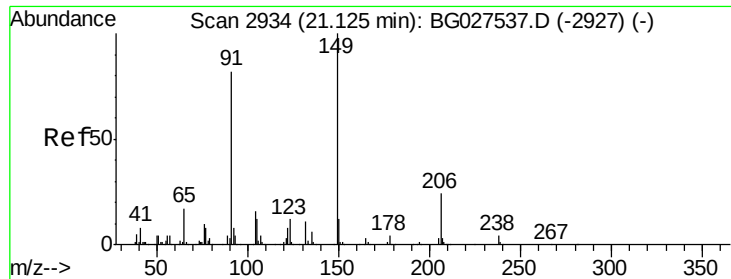


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

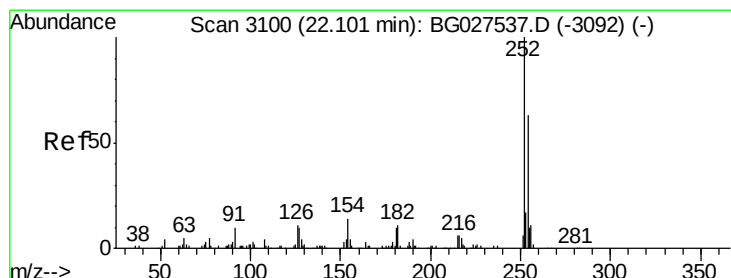
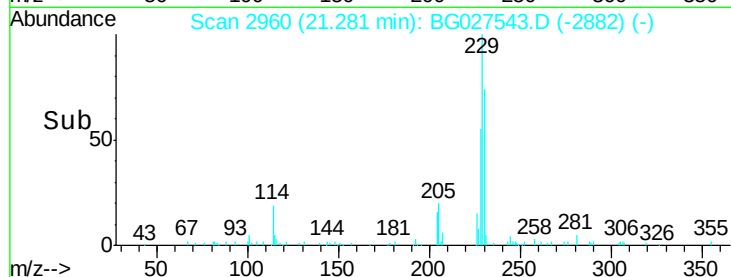
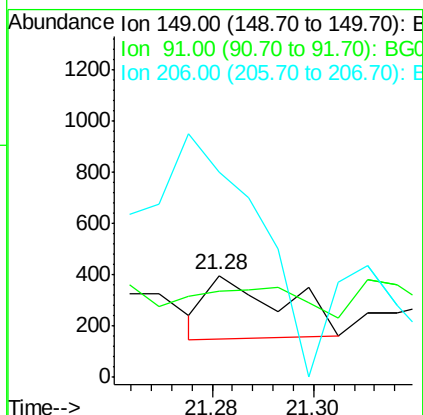
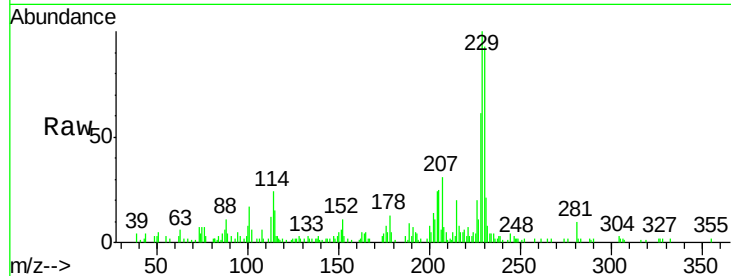




#78
 Butylbenzylphthalate
 Concen: 27.43 ng/ul
 RT: 21.28 min Scan# 2960
 Delta R.T. 0.16 min
 Lab File: BG027543.D
 Acq: 20 Jun 2017 00:16

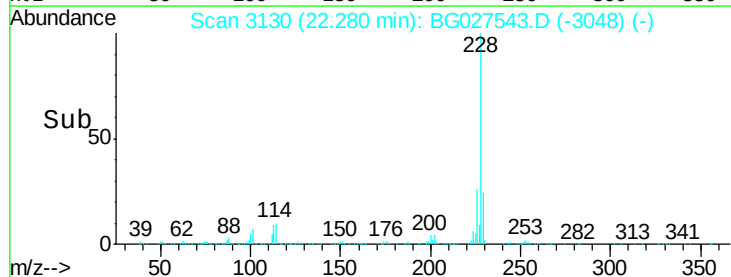
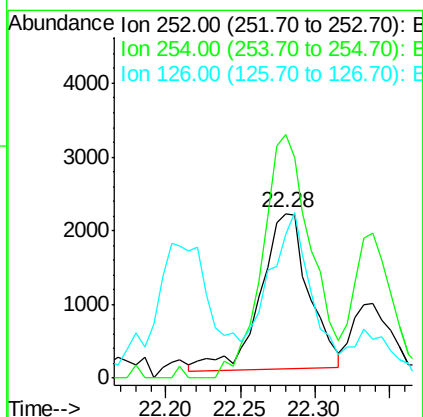
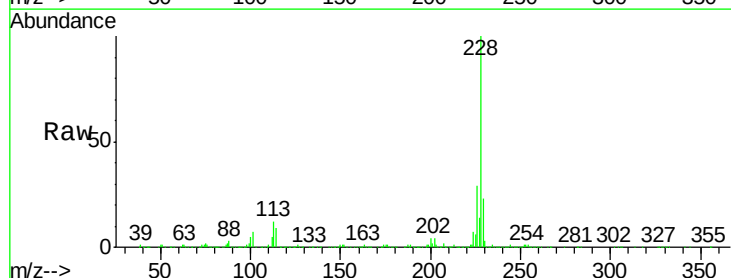
Instrument :
 BNA_G
 ClientSampleId :
 F5C81

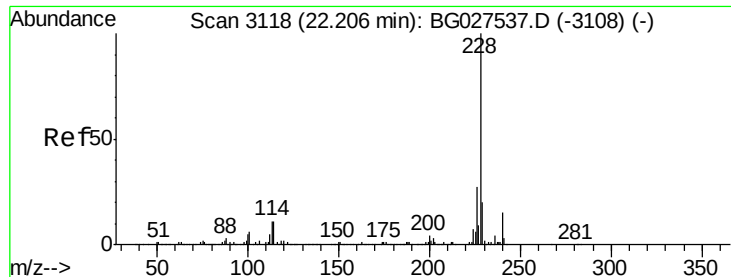
Tgt Ion:149 Resp: 256
 Ion Ratio Lower Upper
 149 100
 91 84.9 65.8 98.6
 206 201.0 20.1 30.1#



#79
 3,3'-Dichlorobenzidine
 Concen: 616.90 ng/ul
 RT: 22.28 min Scan# 3130
 Delta R.T. 0.18 min
 Lab File: BG027543.D
 Acq: 20 Jun 2017 00:16

Tgt Ion:252 Resp: 4758
 Ion Ratio Lower Upper
 252 100
 254 148.1 49.0 73.6#
 126 87.1 5.1 7.7#





#80

Benzo(a)anthracene

Concen: 24998.30 ng/ul

RT: 22.29 min Scan# 3131

Delta R.T. 0.08 min

Lab File: BG027543.D

Acq: 20 Jun 2017 00:16

Instrument :

BNA_G

ClientSampleId :

F5C81

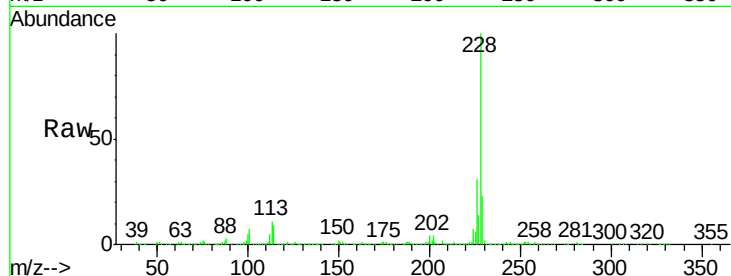
Tgt Ion:228 Resp: 583291

Ion Ratio Lower Upper

228 100

229 23.1 16.3 24.5

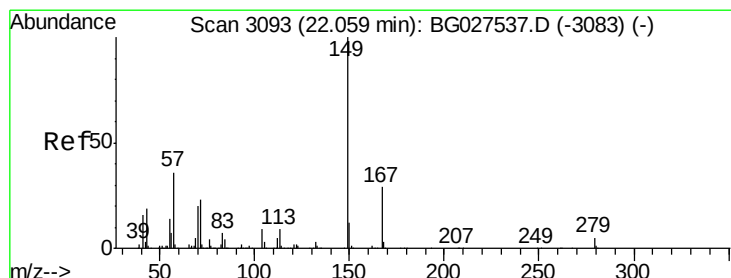
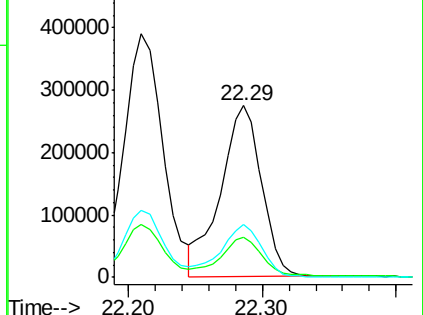
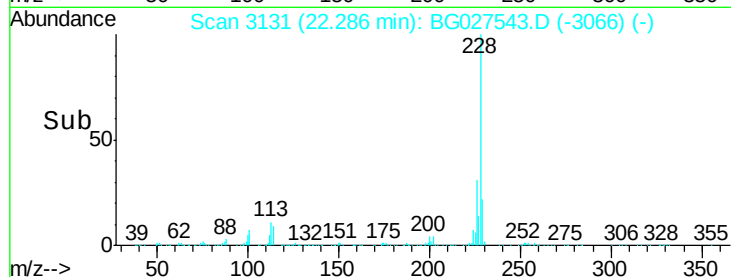
226 31.0 21.9 32.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 303.75 ng/ul

RT: 22.20 min Scan# 3117

Delta R.T. 0.14 min

Lab File: BG027543.D

Acq: 20 Jun 2017 00:16

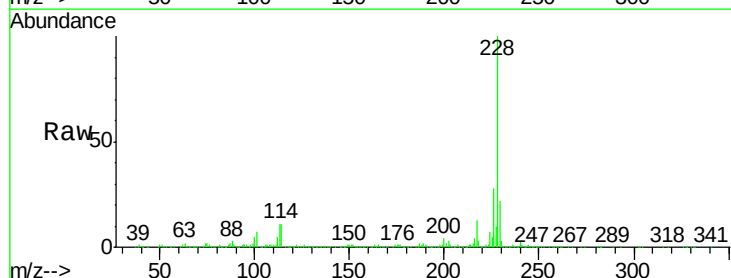
Tgt Ion:149 Resp: 4072

Ion Ratio Lower Upper

149 100

167 20.9 21.8 32.8#

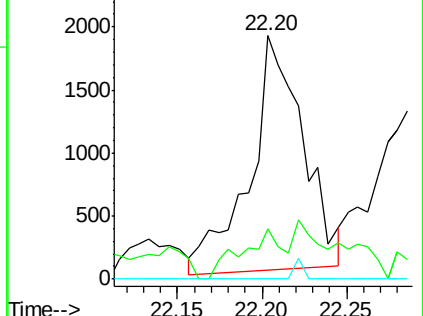
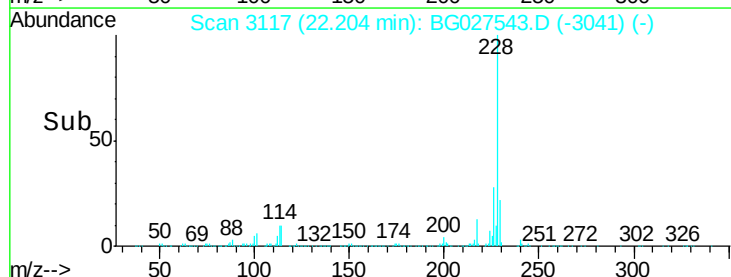
279 0.0 4.5 6.7#

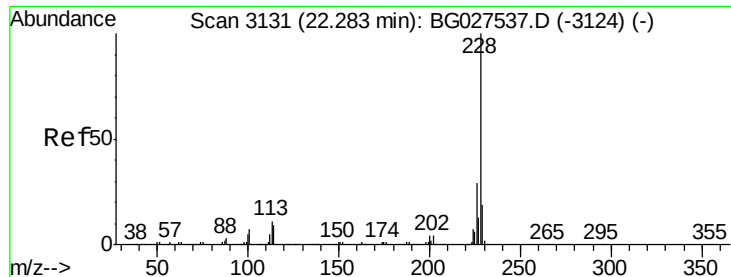


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 27631.24 ng/ul

RT: 22.29 min Scan# 3131

Delta R.T. 0.00 min

Lab File: BG027543.D

Acq: 20 Jun 2017 00:16

Instrument :

BNA_G

ClientSampleId :

F5C81

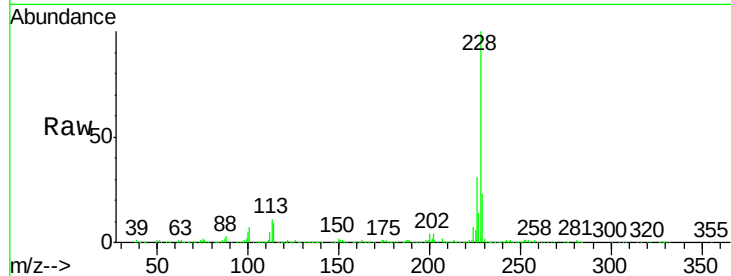
Tgt Ion:228 Resp: 582277

Ion Ratio Lower Upper

228 100

226 31.0 24.0 36.0

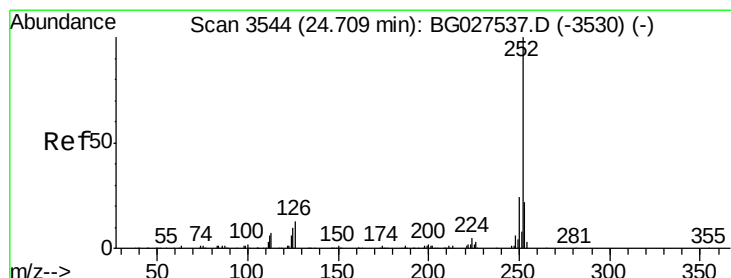
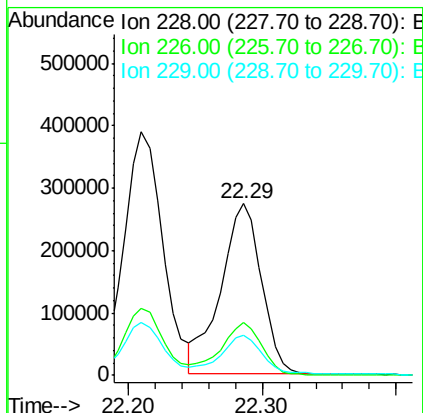
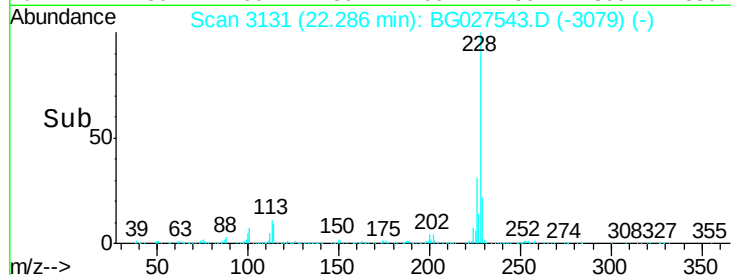
229 23.1 16.9 25.3



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: 23.65 ng/ul

RT: 24.72 min Scan# 3545

Delta R.T. 0.01 min

Lab File: BG027543.D

Acq: 20 Jun 2017 00:16

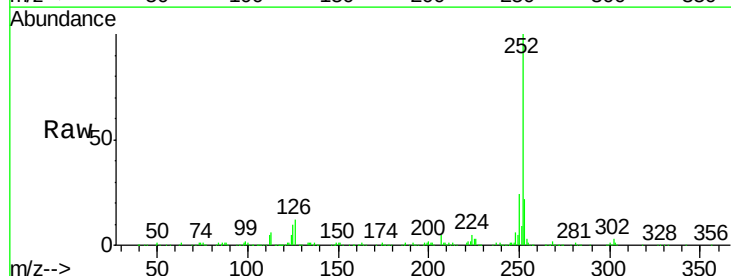
Tgt Ion:252 Resp: 373911

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

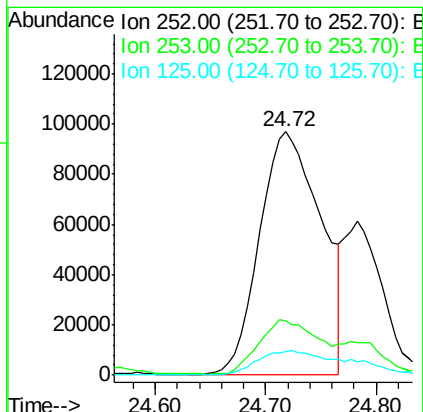
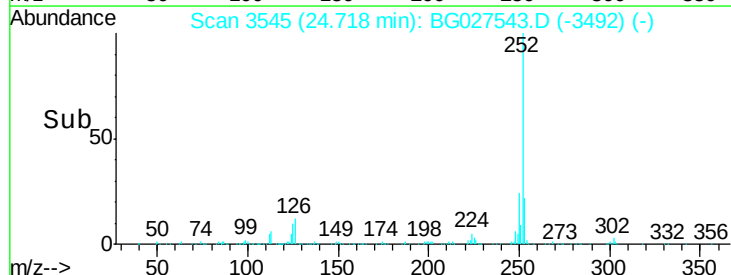
125 9.8 4.0 6.0#

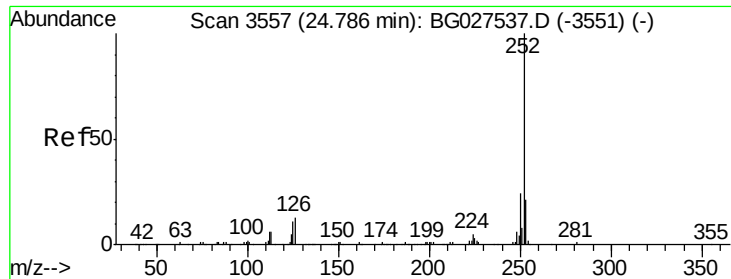


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

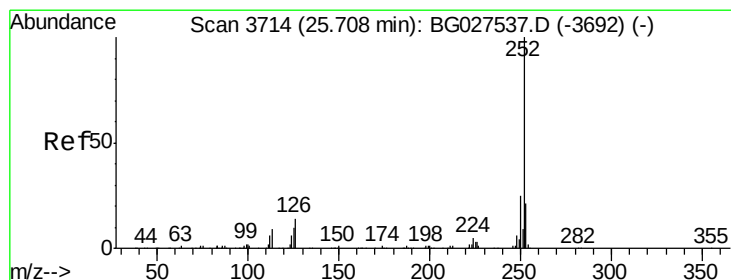
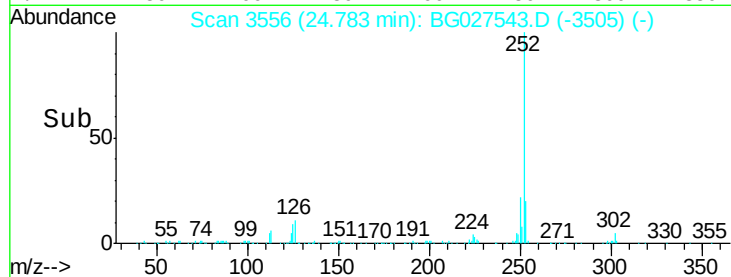
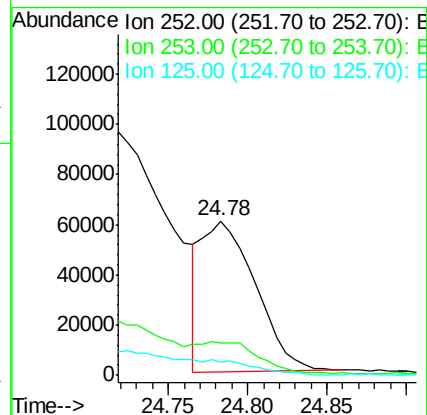
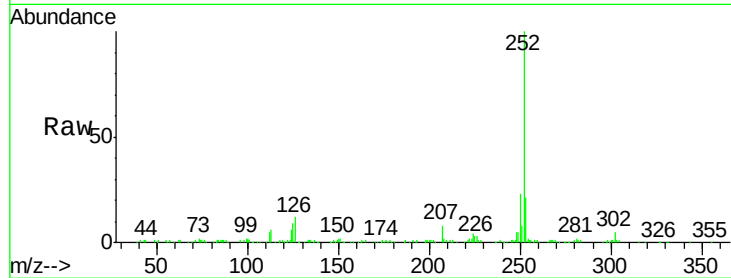




#86
Benzo(k)fluoranthene
Concen: 9.29 ng/ul
RT: 24.78 min Scan# 3556
Delta R.T. -0.00 min
Lab File: BG027543.D
Acq: 20 Jun 2017 00:16

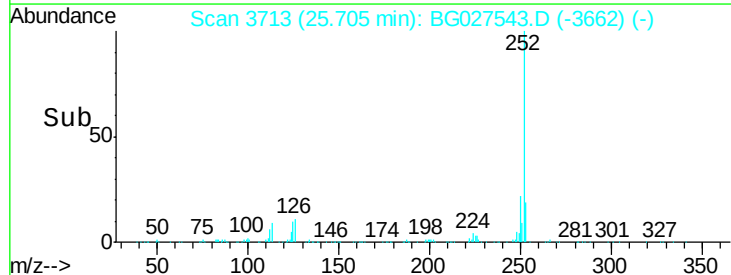
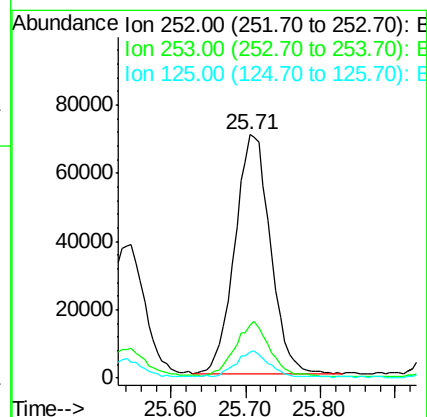
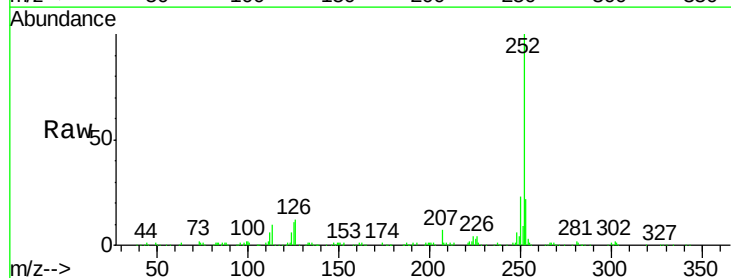
Instrument :
BNA_G
ClientSampleId :
F5C81

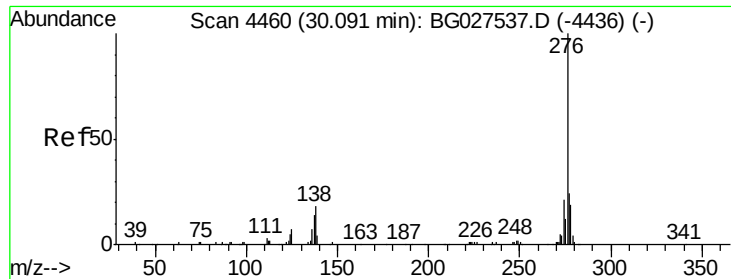
Tgt Ion:252 Resp: 141262
Ion Ratio Lower Upper
252 100
253 20.6 18.5 27.7
125 8.9 4.1 6.1#



#88
Benzo(a)pyrene
Concen: 15.24 ng/ul
RT: 25.71 min Scan# 3713
Delta R.T. -0.00 min
Lab File: BG027543.D
Acq: 20 Jun 2017 00:16

Tgt Ion:252 Resp: 231370
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 10.6 5.4 8.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 3.78 ng/ul

RT: 30.08 min Scan# 4457

Delta R.T. -0.01 min

Lab File: BG027543.D

Acq: 20 Jun 2017 00:16

Instrument :

BNA_G

ClientSampleId :

F5C81

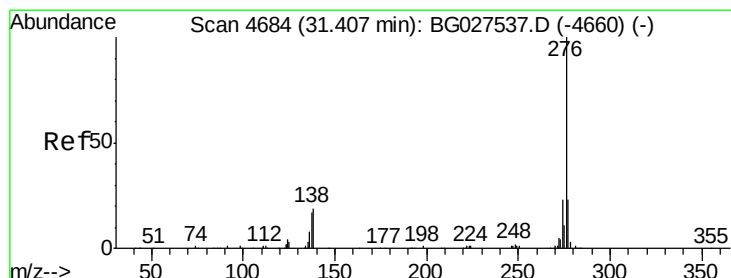
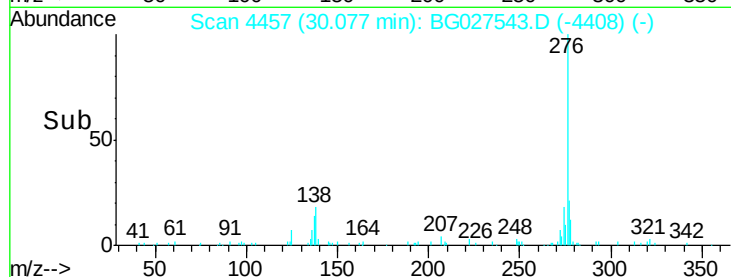
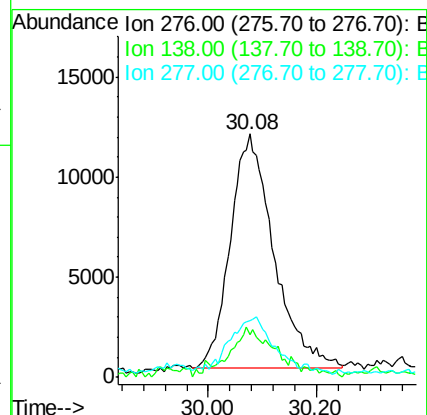
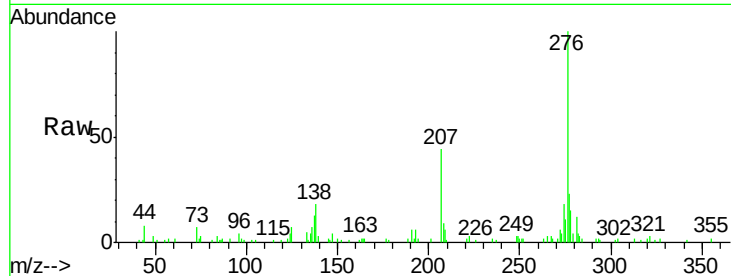
Tgt Ion:276 Resp: 65586

Ion Ratio Lower Upper

276 100

138 17.7 8.2 12.4#

277 23.2 18.6 28.0



#91

Benzo(g,h,i)perylene

Concen: 1.41 ng/ul

RT: 31.39 min Scan# 4681

Delta R.T. -0.01 min

Lab File: BG027543.D

Acq: 20 Jun 2017 00:16

Tgt Ion:276 Resp: 20042

Ion Ratio Lower Upper

276 100

138 16.5 8.6 12.8#

277 21.7 17.6 26.4

