

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061417\
 Data File : BG027435.D
 Acq On : 15 Jun 2017 3:48
 Operator : SJ/MA
 Sample : I3635-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 15 04:47:49 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG061417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:09:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	37031	20.00	ng	0.00
21) Naphthalene-d8	11.35	136	174400	20.00	ng	0.01
38) Acenaphthene-d10	15.11	164	116795	20.00	ng	0.00
63) Phenanthrene-d10	17.86	188	348393	20.00	ng	0.00
75) Chrysene-d12	22.24	240	410505	20.00	ng	0.00
86) Perylene-d12	25.90	264	391276	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.12	112	367380	140.21	ng	0.01
7) Phenol-d6	7.67	99	473931	117.69	ng	0.01
23) Nitrobenzene-d5	9.70	82	327564	95.76	ng	0.00
41) 2,4,6-Tribromophenol	16.60	330	316945	180.81	ng	0.00
44) 2-Fluorobiphenyl	13.74	172	736449	91.09	ng	0.00
78) Terphenyl-d14	20.44	244	1627739	101.63	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.99	88	57	0.05	ng	# 1
3) Pyridine	4.64	79	55	0.02	ng	# 10
4) n-Nitrosodimethylamine	4.40	42	30	0.02	ng	# 1
6) Aniline	8.08	93	726	0.15	ng	# 1
9) Benzaldehyde	7.67	77	872	0.32	ng	# 10
10) Phenol	7.69	94	118	0.03	ng	# 1
11) bis(2-Chloroethyl)ether	8.08	93	726	0.22	ng	# 1
14) 1,2-Dichlorobenzene	8.89	146	55	0.02	ng	# 1
15) Benzyl Alcohol	8.86	79	5544	1.90	ng	# 43
16) 2,2'-oxybis(1-Chloropropan	9.05	45	357	0.06	ng	# 74
18) Hexachloroethane	9.73	117	56	0.05	ng	# 1
22) Acetophenone	9.36	105	172	0.04	ng	# 41
24) Nitrobenzene	9.70	77	870	0.23	ng	# 27
27) 2,4-Dimethylphenol	10.54	122	131	0.04	ng	# 1
31) Naphthalene	11.40	128	49469	5.19	ng	# 99
32) Benzoic acid	10.57	122	308	8.79	ng	# 24
33) 4-Chloroaniline	11.40	127	6995	1.74	ng	# 33
37) 2-Methylnaphthalene	13.19	142	5046	0.73	ng	# 93
45) 1,1'-Biphenyl	13.95	154	2736	0.29	ng	# 87
48) Acenaphthylene	14.84	152	6487	0.53	ng	# 89
49) Dimethylphthalate	14.54	163	57	0.01	ng	# 74
51) Acenaphthene	15.17	154	2776	0.34	ng	# 81
54) Dibenzofuran	15.51	168	2146	0.19	ng	# 93
55) 4-Nitrophenol	15.51	139	943	0.54	ng	# 1
57) Fluorene	16.15	166	4032	0.40	ng	# 97
58) 2,3,4,6-Tetrachlorophenol	15.65	232	56	0.02	ng	# 39
59) Diethylphthalate	15.90	149	240	0.02	ng	# 73
62) Azobenzene	16.44	77	116	0.01	ng	# 47
65) n-Nitrosodiphenylamine	16.60	169	10265	0.94	ng	# 51
69) Pentachlorophenol	17.51	266	578	0.22	ng	# 62
70) Phenanthrene	17.99	178	1288	0.07	ng	# 96
71) Anthracene	17.99	178	1288	0.07	ng	# 97
72) Carbazole	18.26	167	2017	0.11	ng	# 75
73) Di-n-butylphthalate	18.79	149	4697	0.23	ng	# 91

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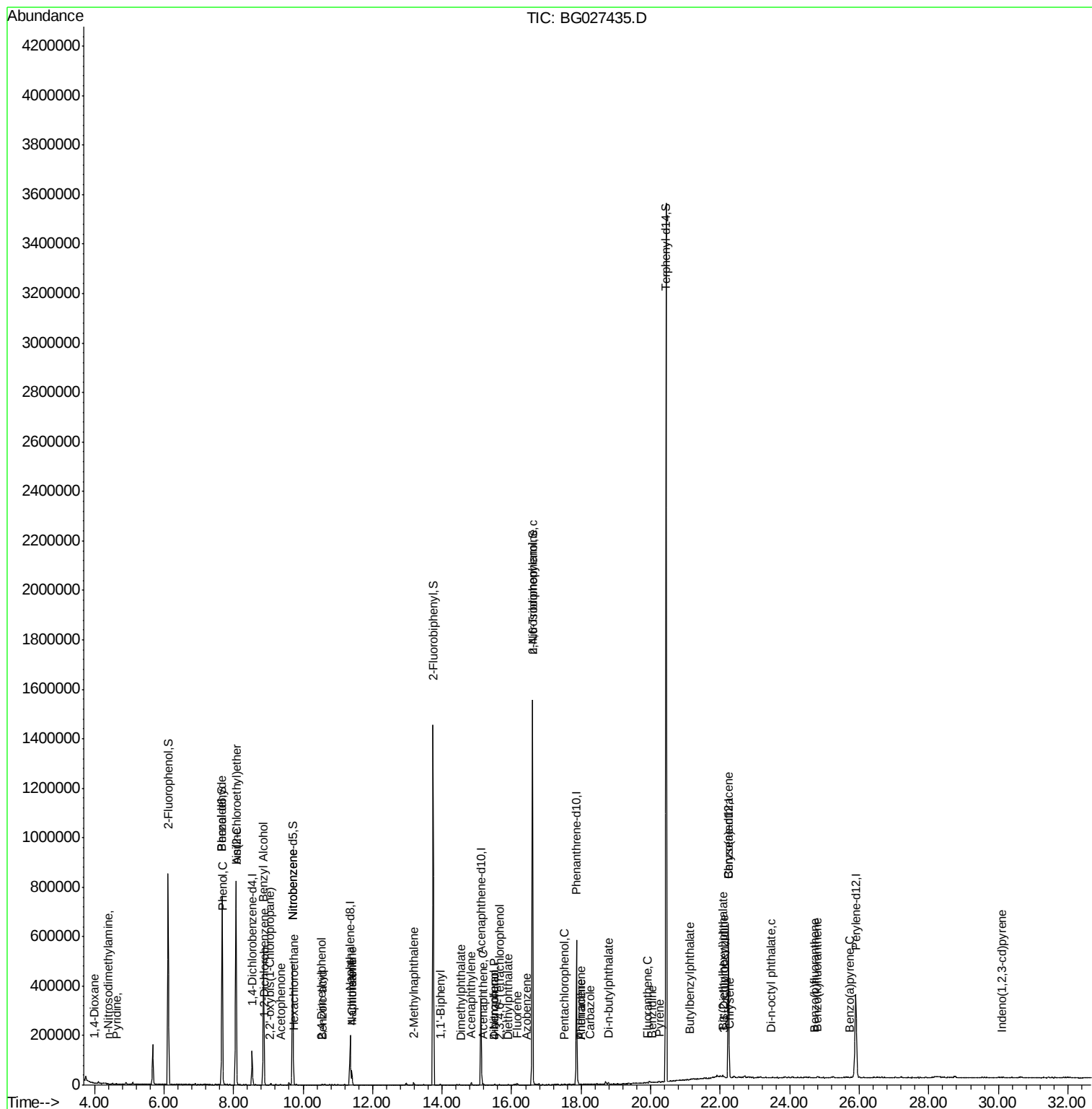
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) Fluoranthene	19.89	202	1767	0.08	nq	93
76) Benzidine	20.05	184	226	0.03	nq	# 64
77) Pyrene	20.26	202	1501	0.07	nq	99
79) Butylbenzylphthalate	21.14	149	404	0.04	nq	# 19
80) Benzo(a)anthracene	22.24	228	1422	0.06	nq	# 61
81) 3,3'-Dichlorobenzidine	22.12	252	79	0.01	nq	# 24
82) Chrysene	22.28	228	520	0.02	nq	# 46
83) Bis(2-ethylhexyl)phthalate	22.07	149	3812	0.28	nq	# 90
84) Di-n-octyl phthalate	23.45	149	424	0.02	nq	# 1
85) Indeno(1,2,3-cd)pyrene	30.09	276	119	0.00	nq	# 55
87) Benzo(b)fluoranthene	24.72	252	450	0.02	nq	# 58
88) Benzo(k)fluoranthene	24.79	252	387	0.02	nq	# 56
89) Benzo(a)pyrene	25.71	252	239	0.01	nq	# 58

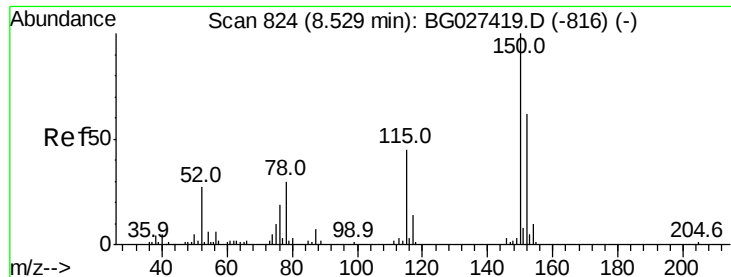
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.53 min Scan# 825

Delta R.T. 0.01 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

Instrument :

BNA_G

ClientSampleId :

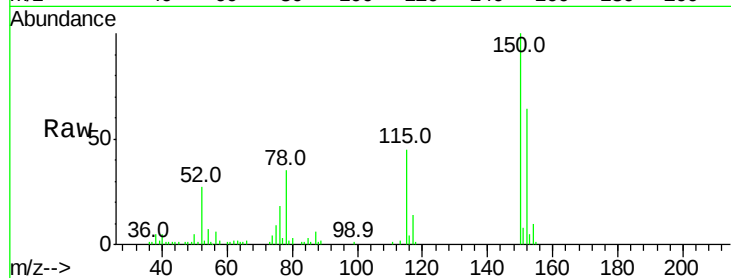
Tot Ion:152 Resp: 37031

Ion Ratio Lower Upper

152 100

150 155.6 114.0 171.0

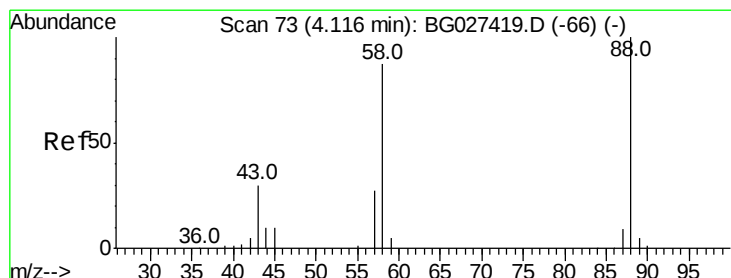
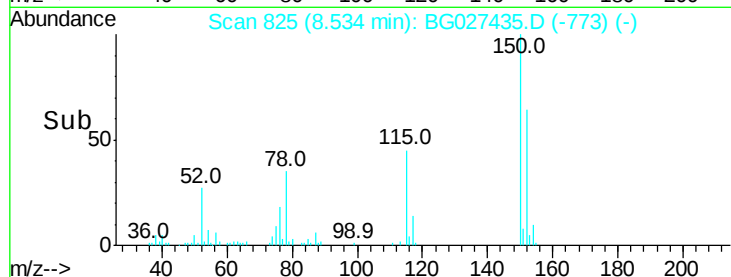
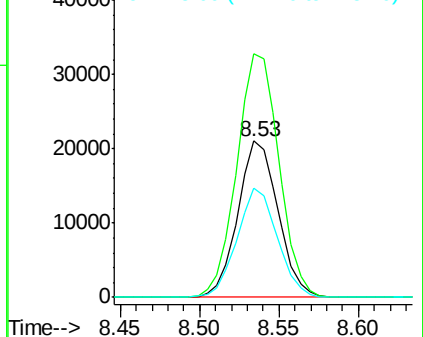
115 69.6 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.05 ng

RT: 3.99 min Scan# 52

Delta R.T. -0.12 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

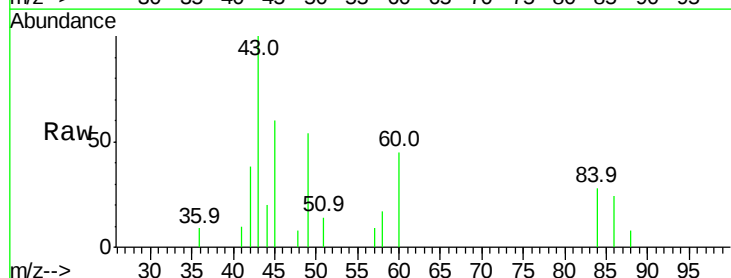
Tgt Ion: 88 Resp: 57

Ion Ratio Lower Upper

88 100

58 1245.6 79.4 119.2#

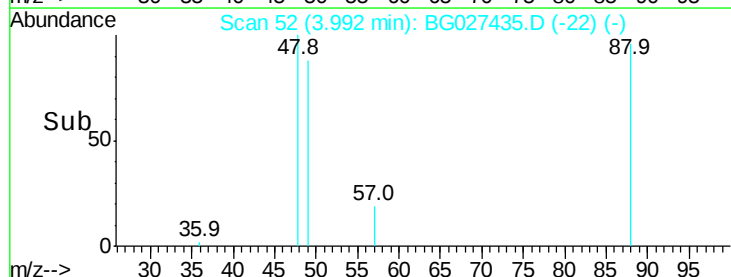
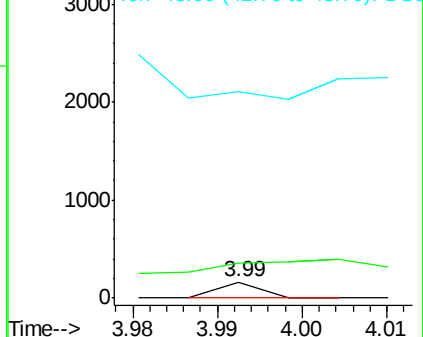
43 0.0 33.8 50.6#

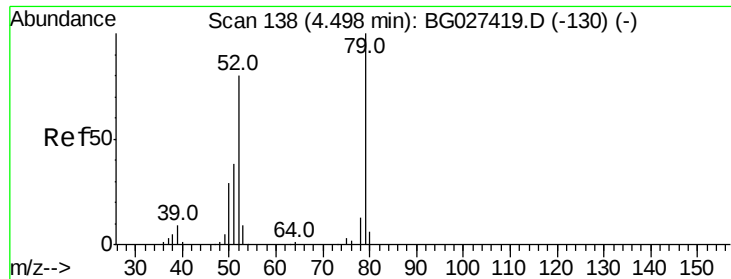


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

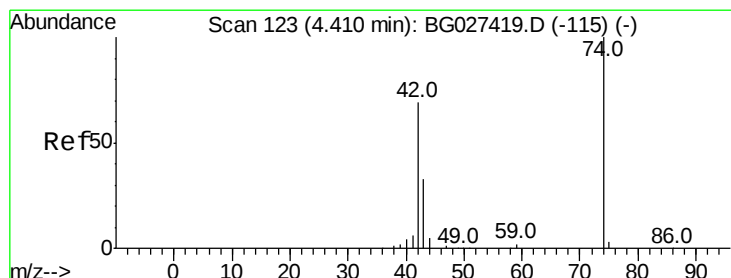
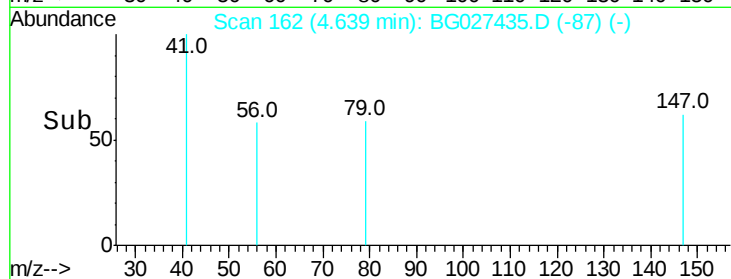
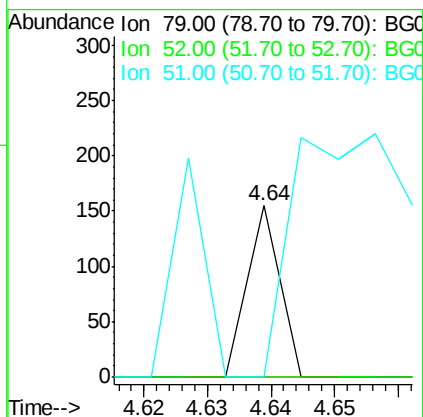
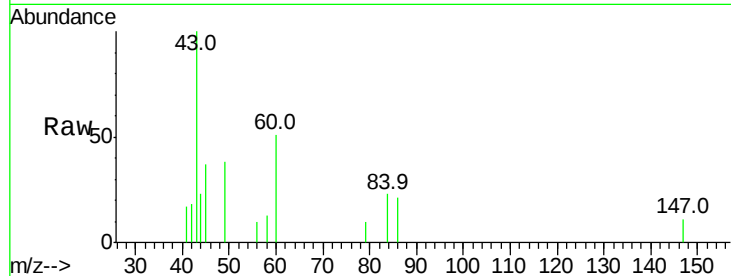




#3
Pvridine
Concen: 0.02 ng
RT: 4.64 min Scan# 162
Delta R.T. 0.14 min
Lab File: BG027435.D
Acq: 15 Jun 2017 3:48

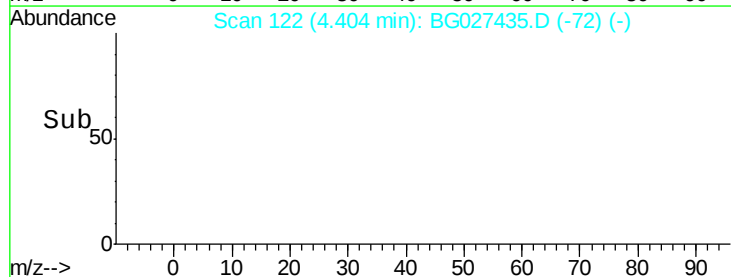
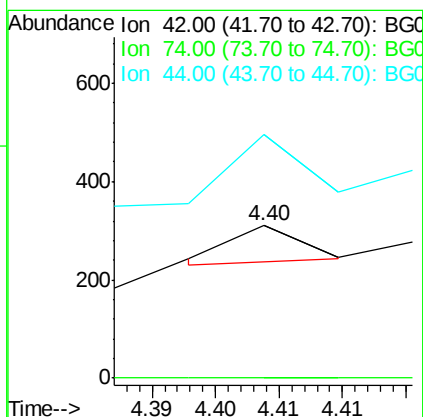
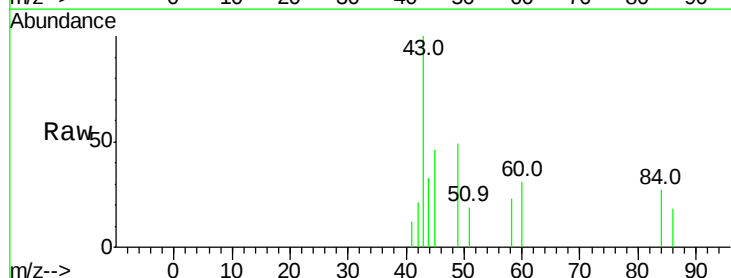
Instrument :
BNA_G
ClientSampled :

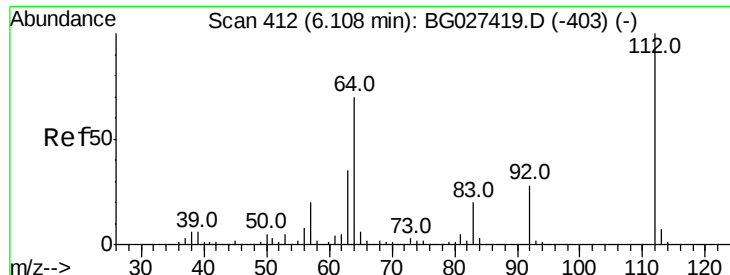
Tot Ion: 79 Resp: 55
Ion Ratio Lower Upper
79 100
52 0.0 77.8 116.6#
51 0.0 43.2 64.8#



#4
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 4.40 min Scan# 122
Delta R.T. -0.01 min
Lab File: BG027435.D
Acq: 15 Jun 2017 3:48

Tgt Ion: 42 Resp: 30
Ion Ratio Lower Upper
42 100
74 0.0 76.7 115.1#
44 160.0 6.1 9.1#





#5

2-Fluorophenol

Concen: 140.21 ng

RT: 6.12 min Scan# 414

Delta R.T. 0.01 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

Instrument :

BNA_G

ClientSampleId :

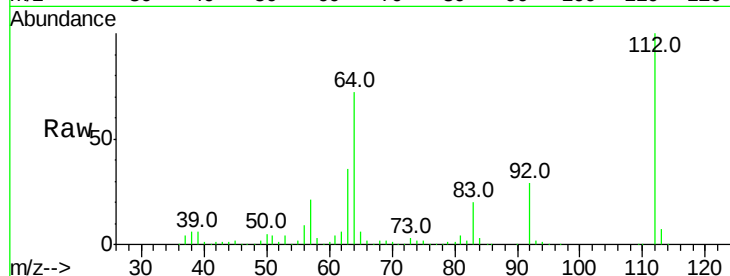
Tot Ion:112 Resp: 367380

Ion Ratio Lower Upper

112 100

64 72.5 61.8 92.6

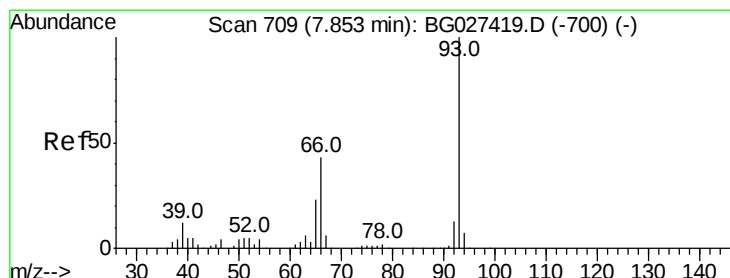
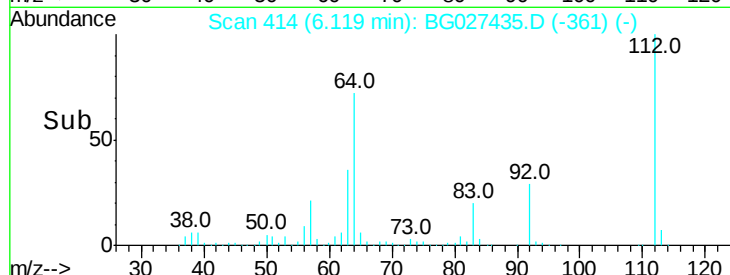
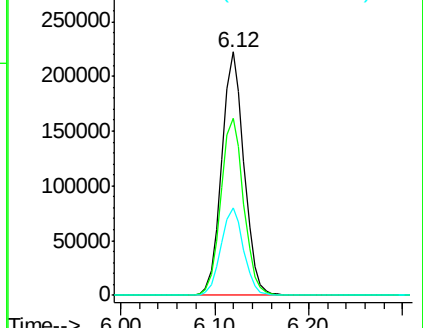
63 35.9 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.15 ng

RT: 8.08 min Scan# 748

Delta R.T. 0.23 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

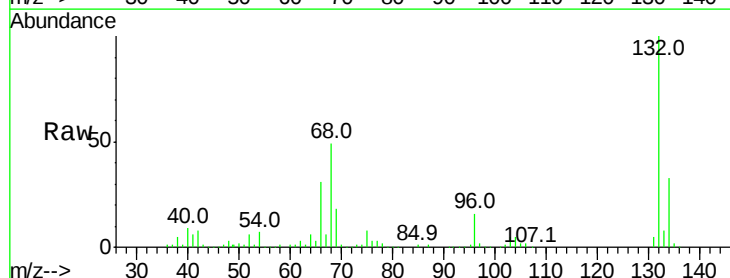
Tgt Ion: 93 Resp: 726

Ion Ratio Lower Upper

93 100

66 8390.7 35.4 53.2#

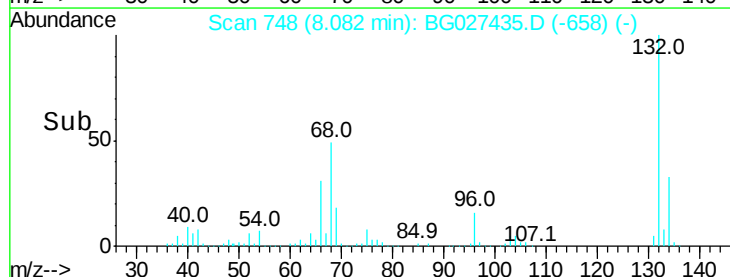
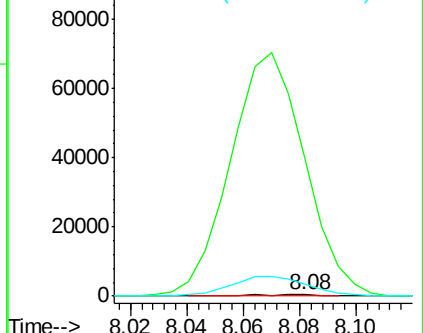
65 705.1 21.2 31.8#

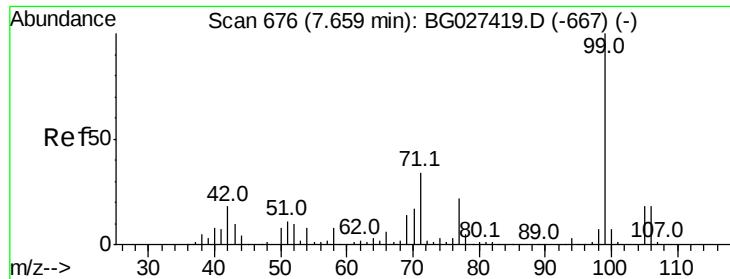


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.69 ng

RT: 7.67 min Scan# 678

Delta R.T. 0.01 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

Instrument :

BNA_G

ClientSampleId :

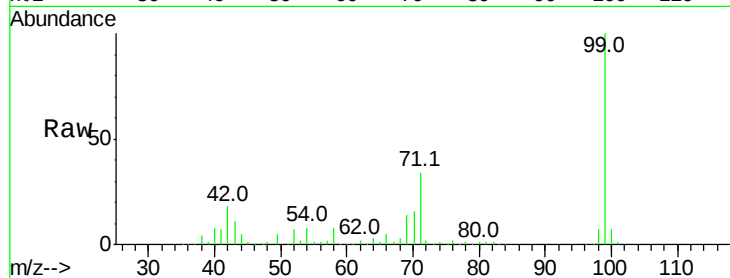
Tot Ion: 99 Resp: 473931

Ion Ratio Lower Upper

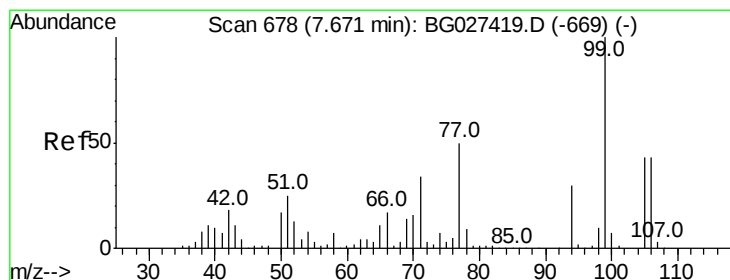
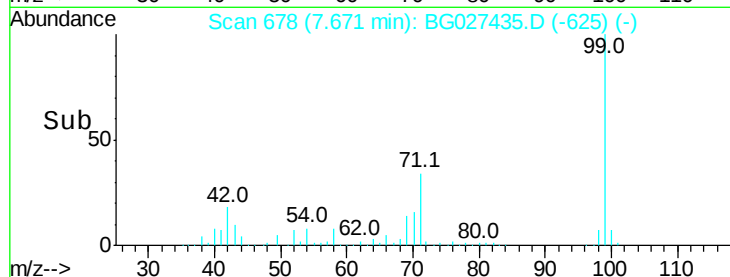
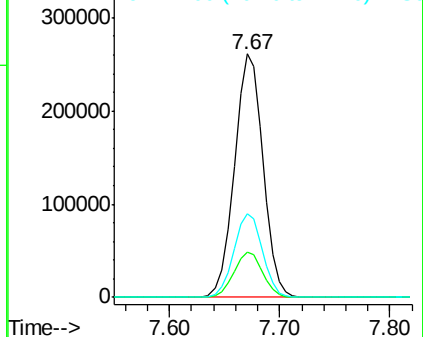
99 100

42 18.4 20.5 30.7#

71 34.4 37.6 56.4#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#9

Benzaldehyde

Concen: 0.32 ng

RT: 7.67 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

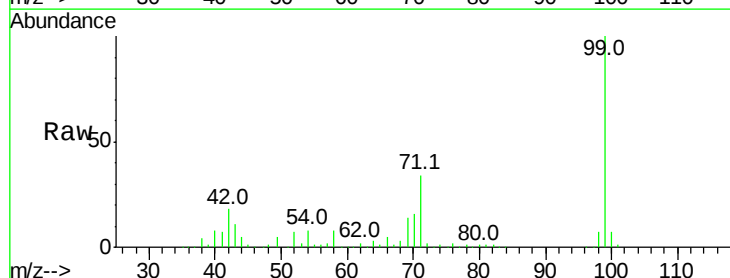
Tgt Ion: 77 Resp: 872

Ion Ratio Lower Upper

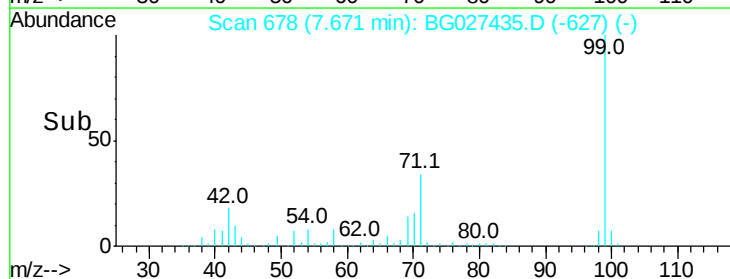
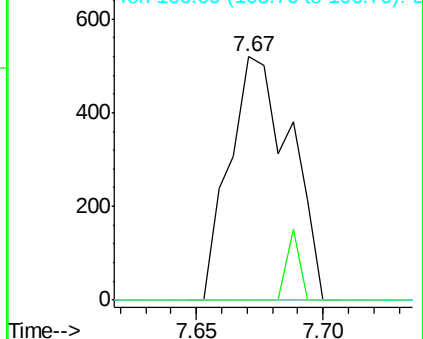
77 100

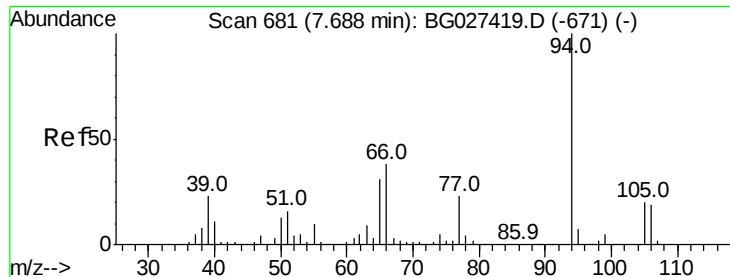
105 0.0 60.9 100.9#

106 0.0 55.1 95.1#



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





#10

Phenol

Concen: 0.03 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

Instrument :

BNA_G

ClientSampleId :

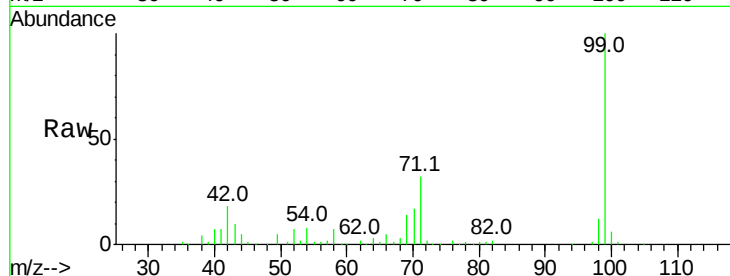
Tot Ion: 94 Resp: 118

Ion Ratio Lower Upper

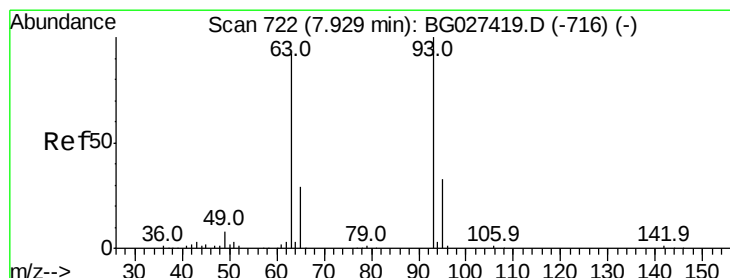
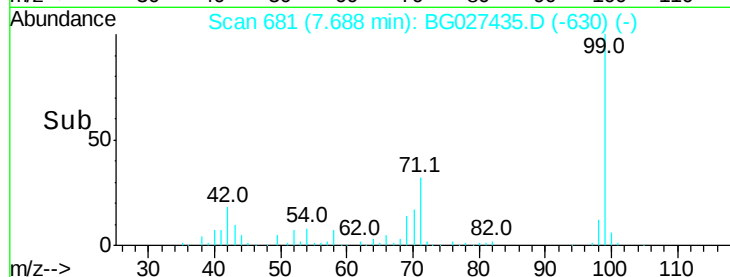
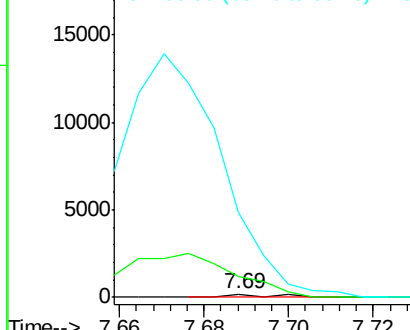
94 100

65 676.9 20.6 60.6#

66 2795.4 35.5 75.5#



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

bis(2-Chloroethyl)ether

Concen: 0.22 ng

RT: 8.08 min Scan# 748

Delta R.T. 0.15 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

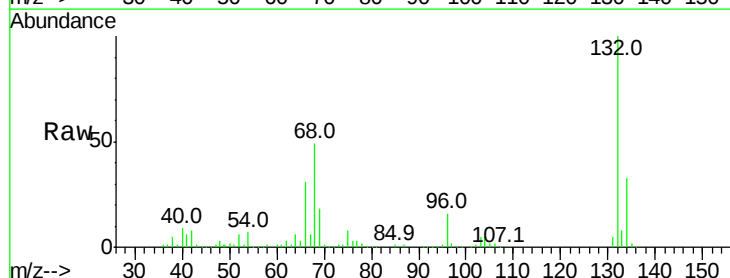
Tgt Ion: 93 Resp: 726

Ion Ratio Lower Upper

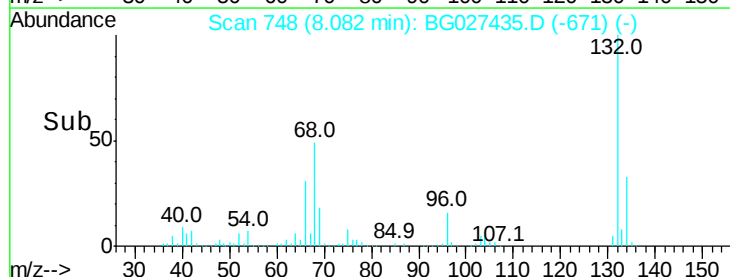
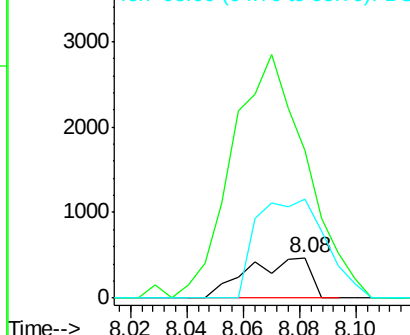
93 100

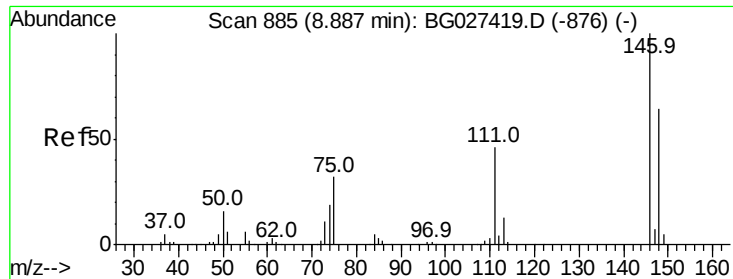
63 364.0 78.5 118.5#

95 243.6 9.8 49.8#



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





#14

1,2-Dichlorobenzene

Concen: 0.02 ng

RT: 8.89 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

Instrument :

BNA_G

ClientSampleId :

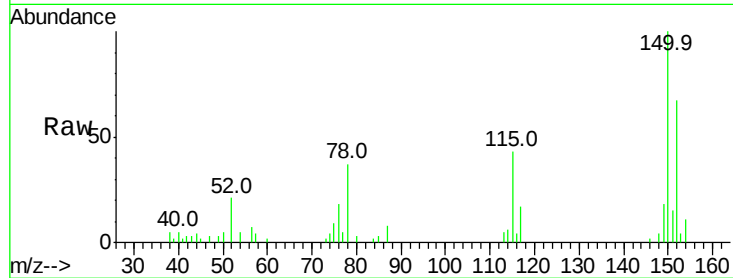
Tot Ion:146 Resp: 55

Ion Ratio Lower Upper

146 100

148 192.3 54.6 81.8#

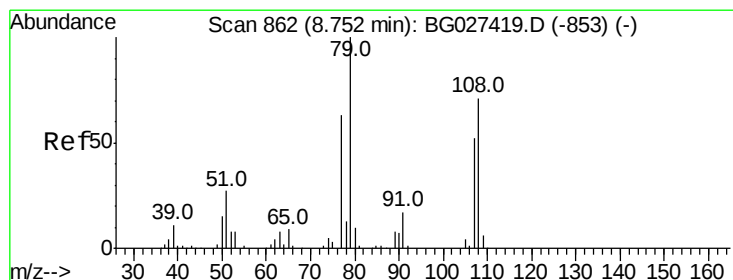
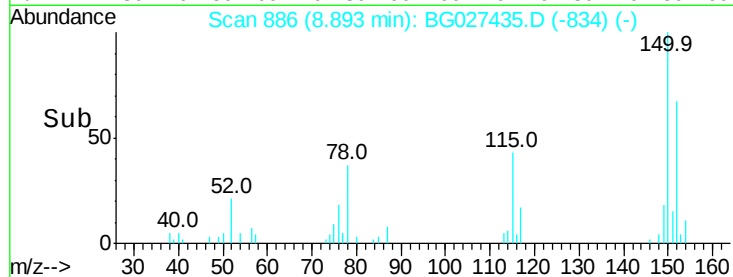
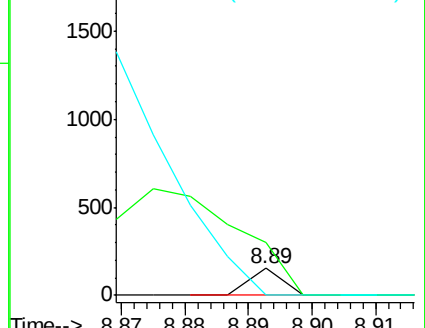
111 0.0 39.7 59.5#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 1.90 ng

RT: 8.86 min Scan# 881

Delta R.T. 0.11 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

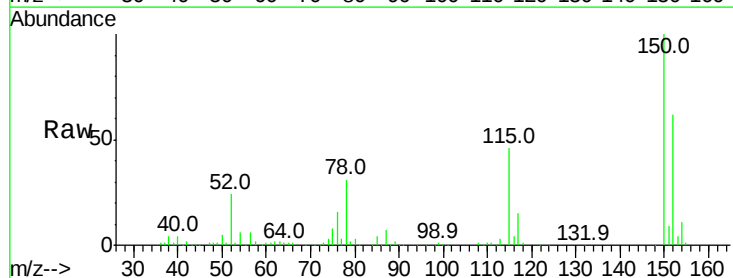
Tgt Ion: 79 Resp: 5544

Ion Ratio Lower Upper

79 100

108 33.0 45.5 68.3#

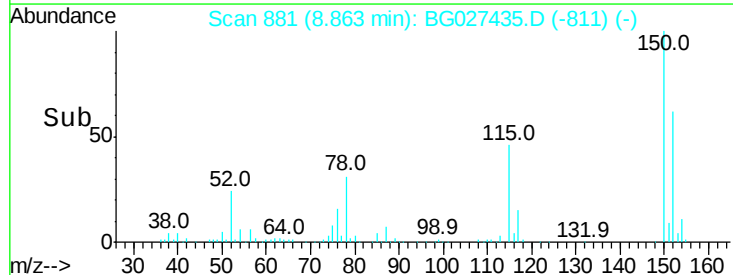
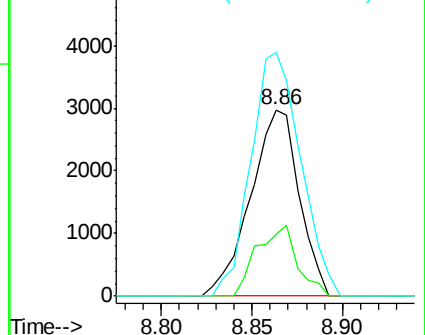
77 130.6 54.3 81.5#

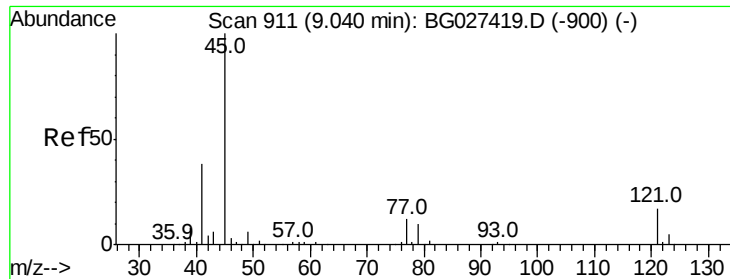


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

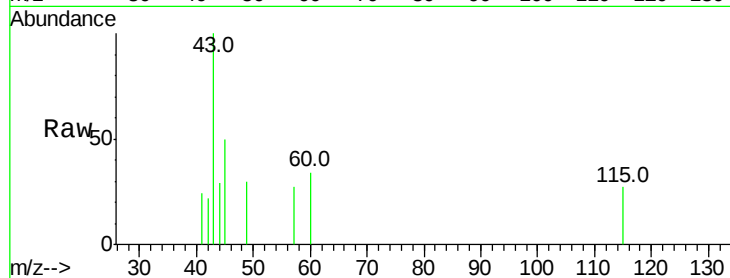




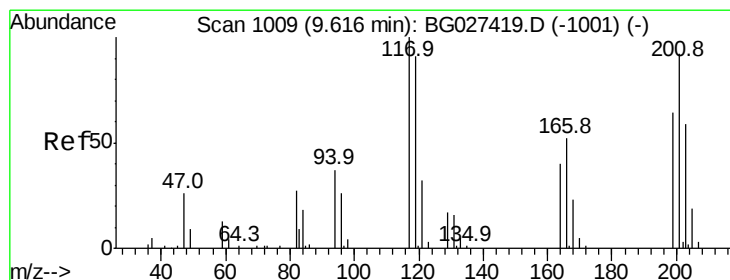
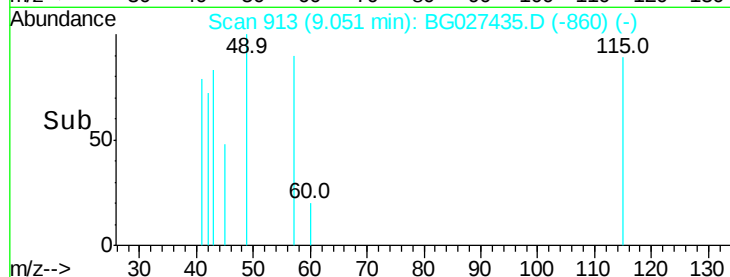
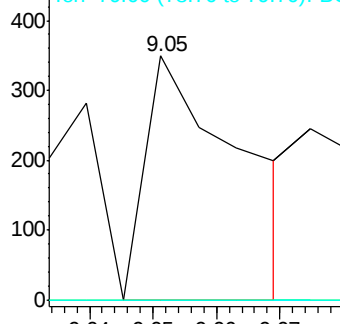
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.06 ng
RT: 9.05 min Scan# 913
Delta R.T. 0.01 min
Lab File: BG027435.D
Acq: 15 Jun 2017 3:48

Instrument :
BNA_G
ClientSampled :

Tot Ion: 45 Resp: 357
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.6
79 0.0 0.0 28.5

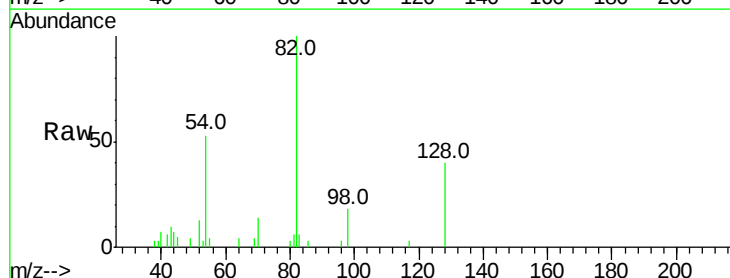


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

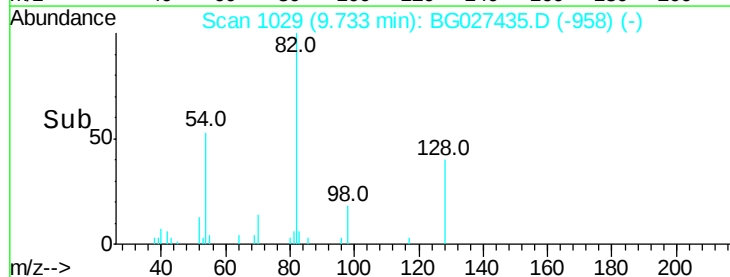
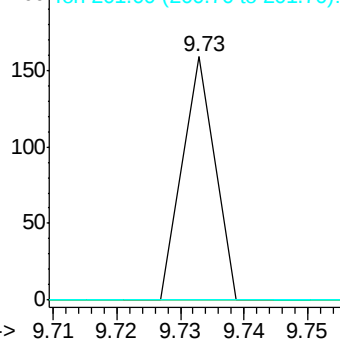


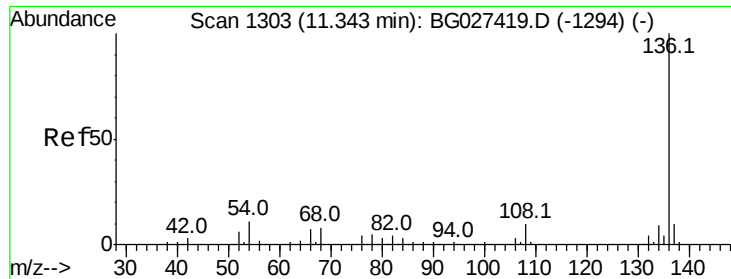
#18
Hexachloroethane
Concen: 0.05 ng
RT: 9.73 min Scan# 1029
Delta R.T. 0.12 min
Lab File: BG027435.D
Acq: 15 Jun 2017 3:48

Tgt Ion: 117 Resp: 56
Ion Ratio Lower Upper
117 100
119 0.0 69.8 104.6#
201 0.0 95.4 143.0#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

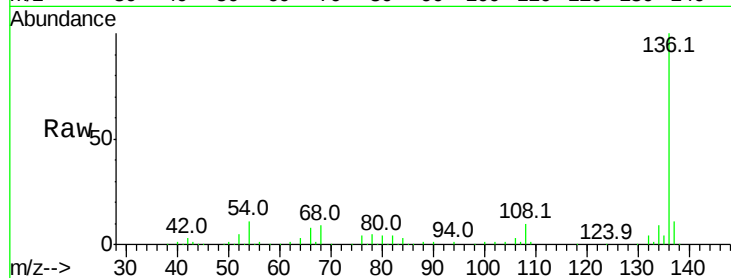




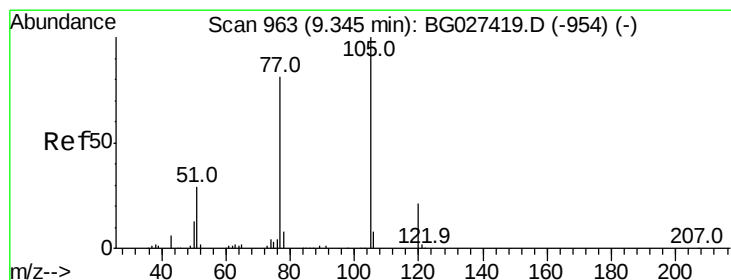
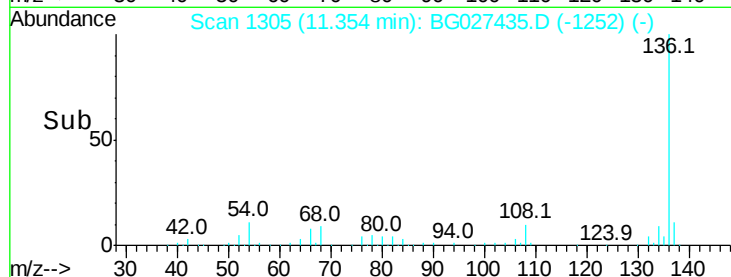
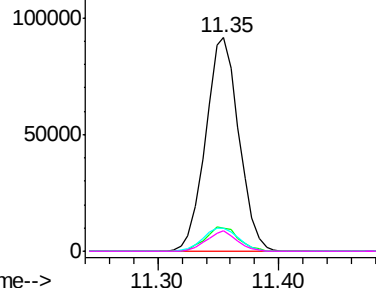
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.35 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BG027435.D
Acq: 15 Jun 2017 3:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	174400
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	11.1	9.3	13.9
68	9.3	5.1	7.7#



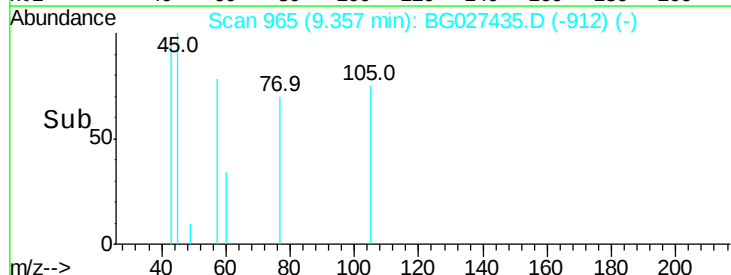
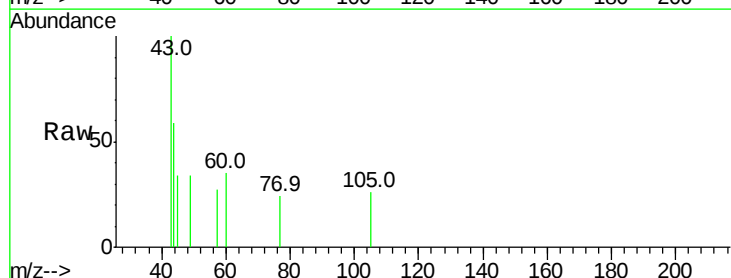
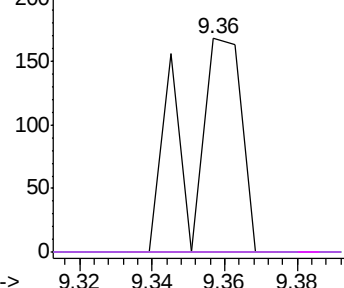
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

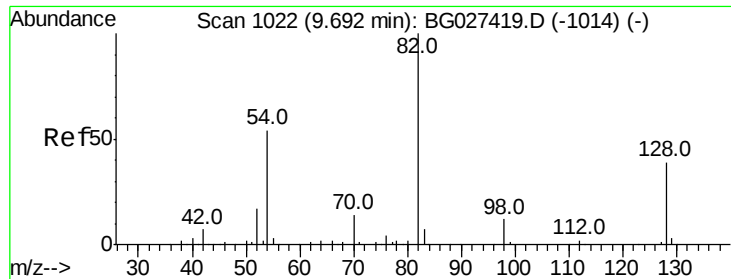


#22
Acetophenone
Concen: 0.04 ng
RT: 9.36 min Scan# 965
Delta R.T. 0.01 min
Lab File: BG027435.D
Acq: 15 Jun 2017 3:48

Tgt Ion:	105	Resp:	172
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.9	1.3#
51	0.0	34.0	51.0#
120	0.0	17.3	25.9#

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

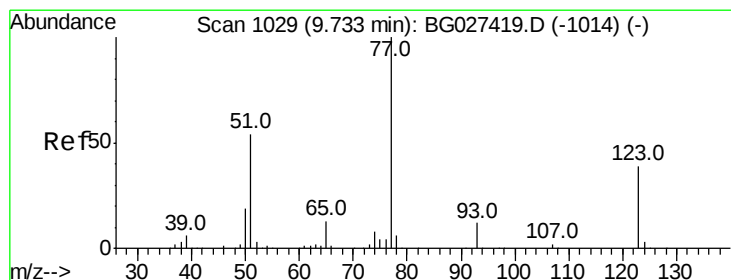
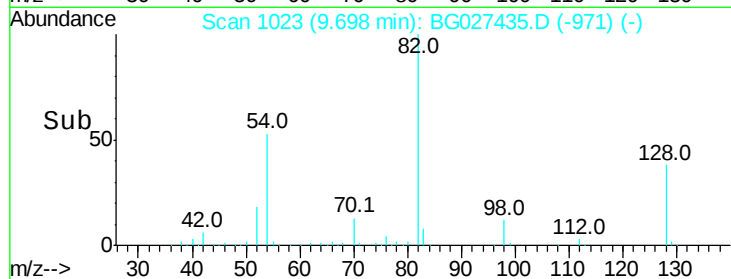
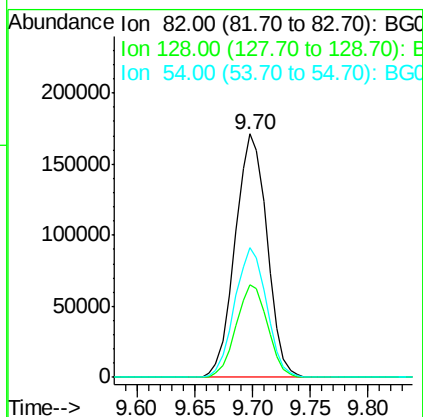
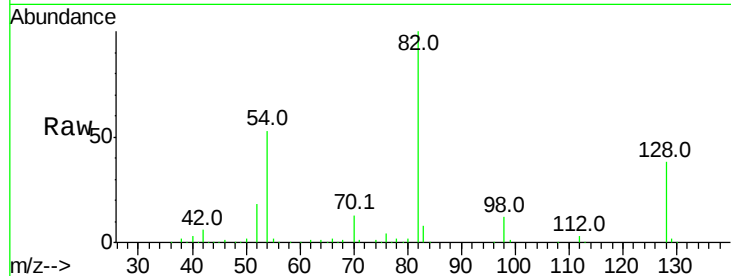




#23
Nitrobenzene-d5
Concen: 95.76 ng
RT: 9.70 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BG027435.D
Acq: 15 Jun 2017 3:48

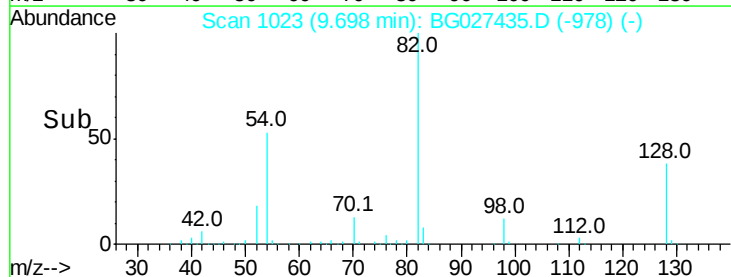
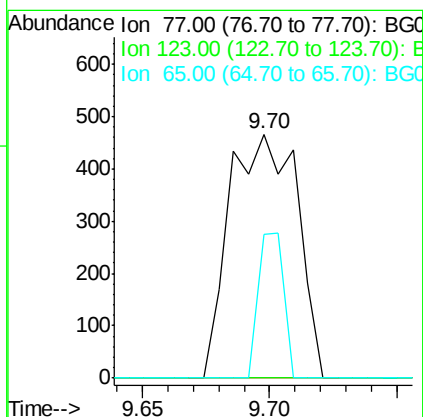
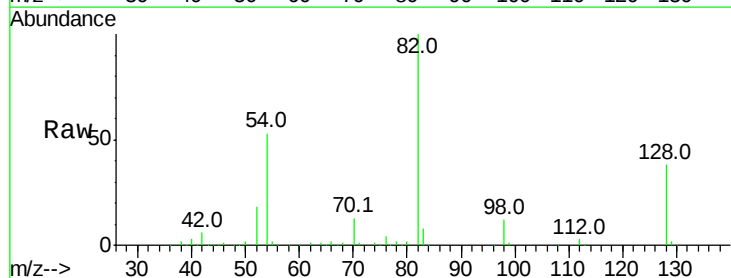
Instrument :
BNA_G
ClientSampled :

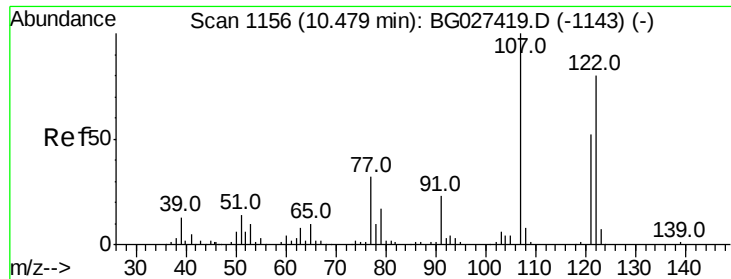
Tot Ion	82	Resp	327564
Ion	Ratio	Lower	Upper
82	100		
128	38.2	26.4	39.6
54	53.3	49.4	74.2



#24
Nitrobenzene
Concen: 0.23 ng
RT: 9.70 min Scan# 1023
Delta R.T. -0.04 min
Lab File: BG027435.D
Acq: 15 Jun 2017 3:48

Tgt Ion	77	Resp	870
Ion	Ratio	Lower	Upper
77	100		
123	0.0	26.1	39.1#
65	58.8	12.4	18.6#

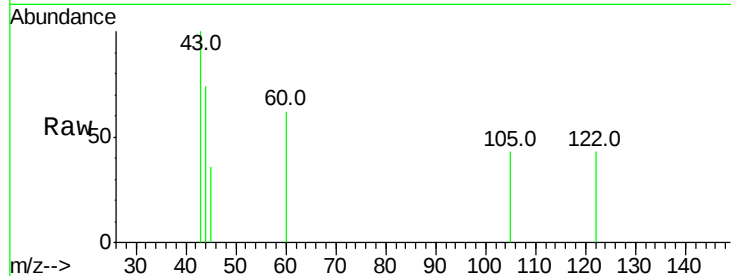




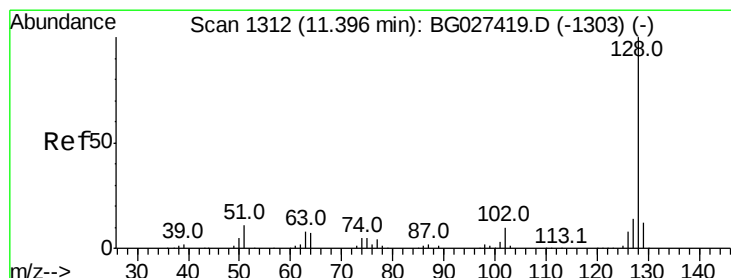
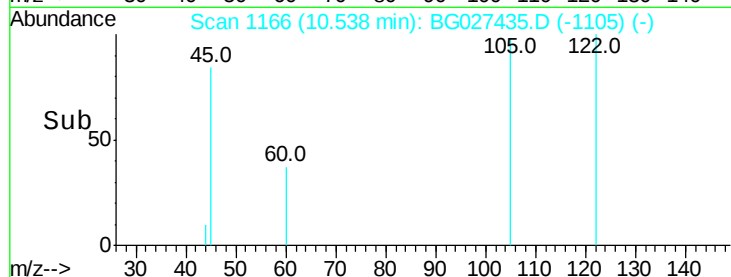
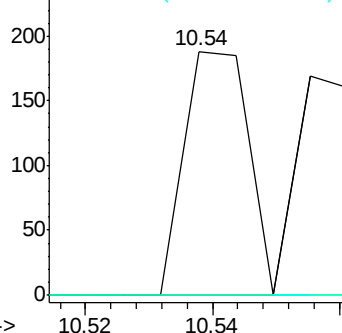
#27
2,4-Dimethylphenol
Concen: 0.04 ng
RT: 10.54 min Scan# 1166
Delta R.T. 0.06 min
Lab File: BG027435.D
Acq: 15 Jun 2017 3:48

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 131
Ion Ratio Lower Upper
122 100
107 0.0 104.2 156.4#
121 0.0 46.0 69.0#

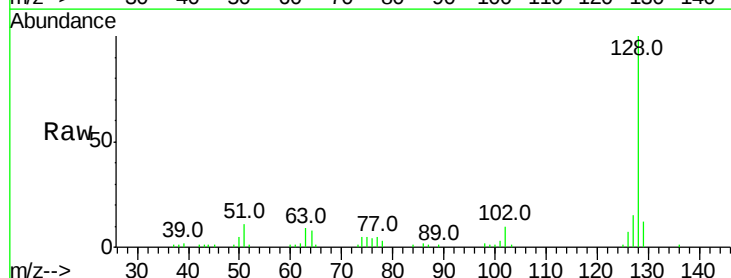


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

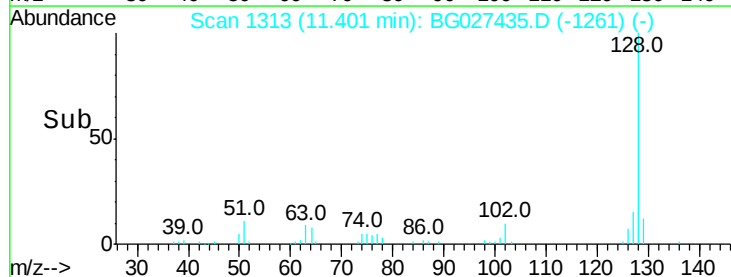
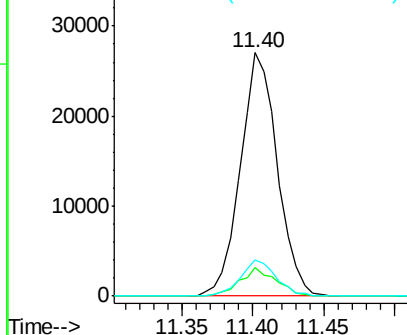


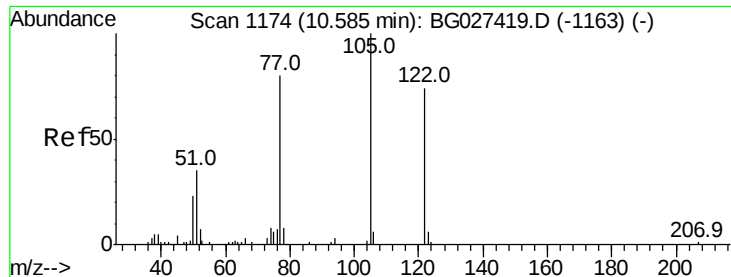
#31
Naphthalene
Concen: 5.19 ng
RT: 11.40 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BG027435.D
Acq: 15 Jun 2017 3:48

Tgt Ion:128 Resp: 49469
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 14.8 11.4 17.0



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





#32

Benzoic acid

Concen: 8.79 ng

RT: 10.57 min Scan# 1171

Delta R.T. -0.02 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

Instrument :

BNA_G

ClientSampleId :

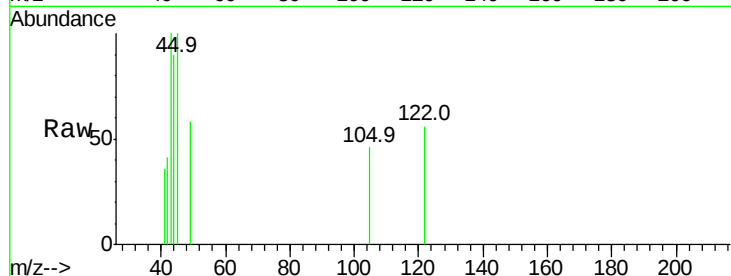
Tot Ion:122 Resp: 308

Ion Ratio Lower Upper

122 100

105 83.2 120.1 160.1#

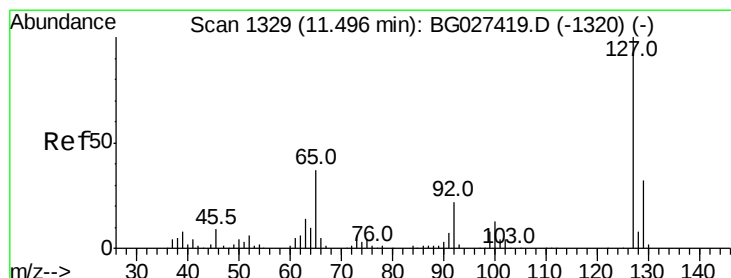
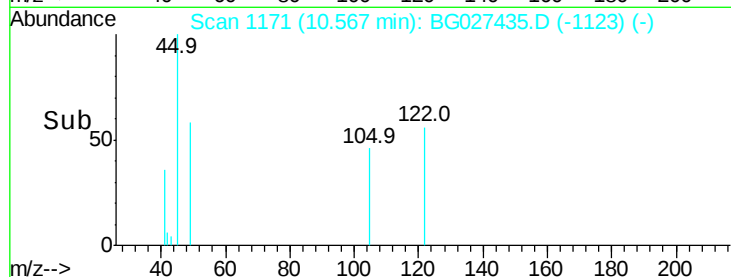
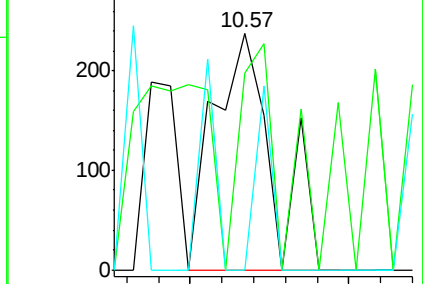
77 0.0 104.6 144.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#33

4-Chloroaniline

Concen: 1.74 ng

RT: 11.40 min Scan# 1313

Delta R.T. -0.09 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

Tgt Ion:127 Resp: 6995

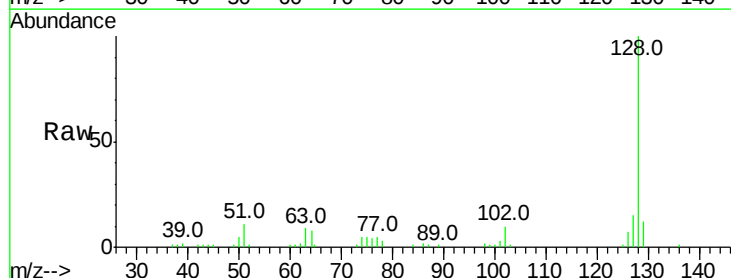
Ion Ratio Lower Upper

127 100

129 78.1 23.6 35.4#

65 5.5 37.7 56.5#

92 0.0 17.6 26.4#

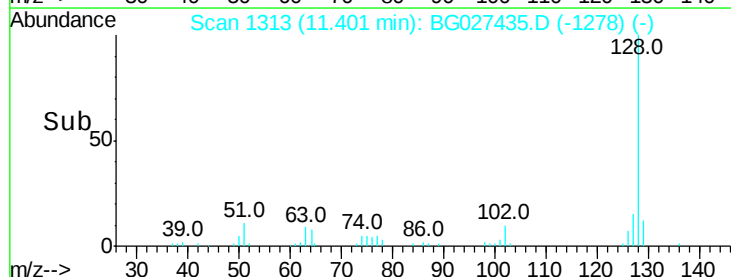
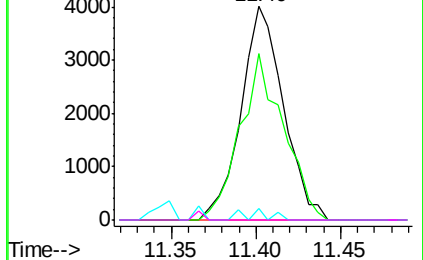


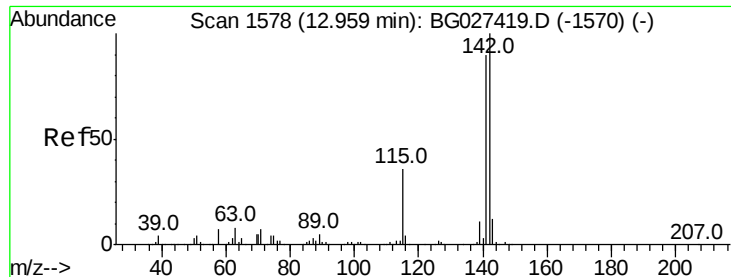
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#37

2-Methylnaphthalene

Concen: 0.73 ng

RT: 13.19 min Scan# 1617

Delta R.T. 0.23 min

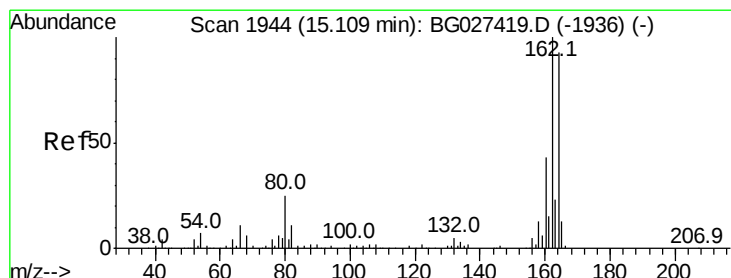
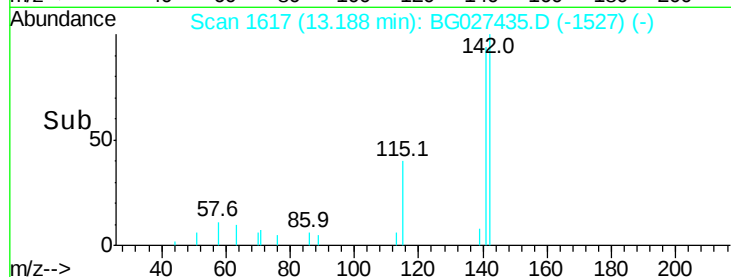
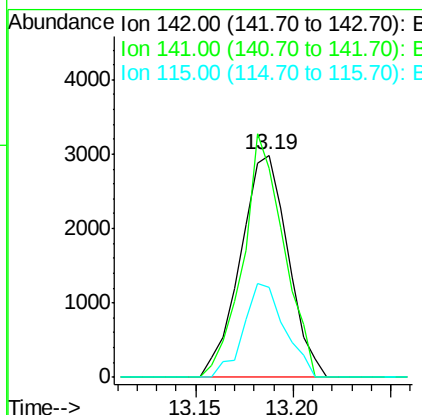
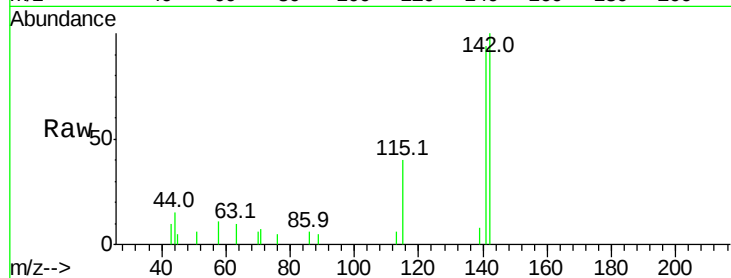
Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 5046

Ion	Ratio	Lower	Upper
142	100		
141	94.2	70.4	105.6
115	40.3	35.5	53.3



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.11 min Scan# 1945

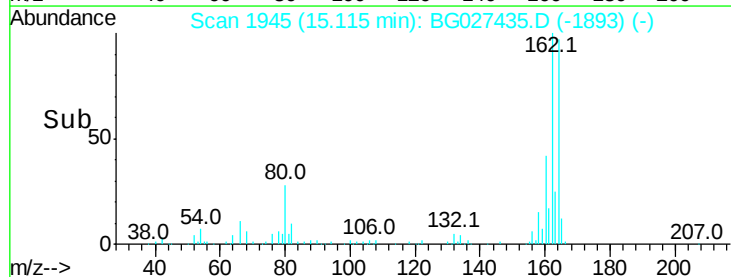
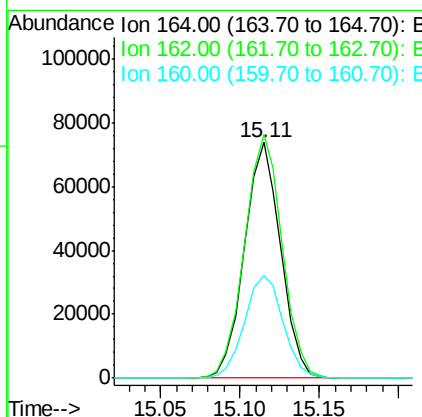
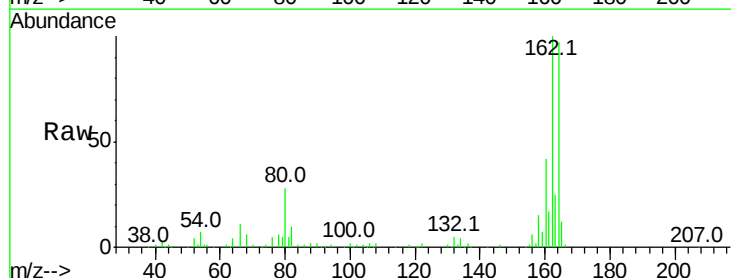
Delta R.T. 0.01 min

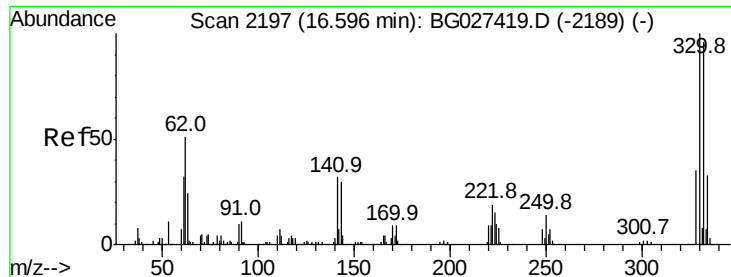
Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

Tgt Ion:164 Resp: 116795

Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.1	127.7
160	43.8	34.7	52.1

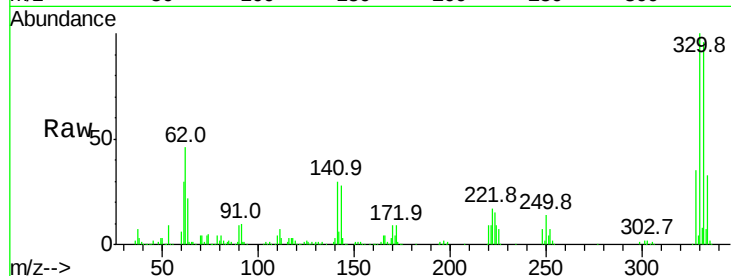




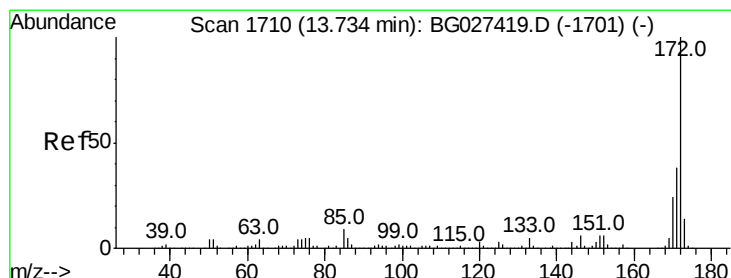
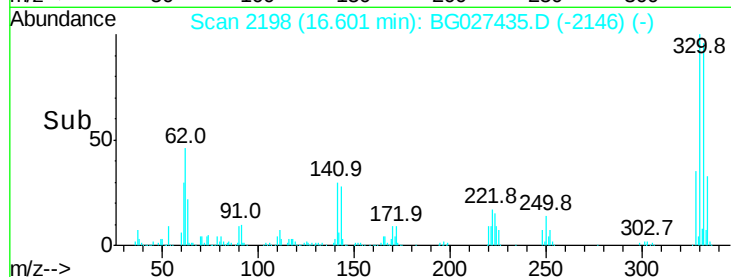
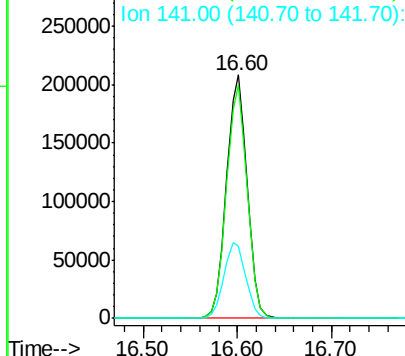
#41
 2,4,6-Tribromophenol
 Concen: 180.81 ng
 RT: 16.60 min Scan# 2198
 Delta R.T. 0.01 min
 Lab File: BG027435.D
 Acq: 15 Jun 2017 3:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	33.0	32.1	48.1

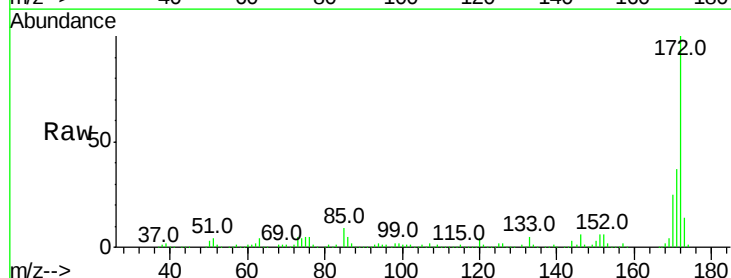


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

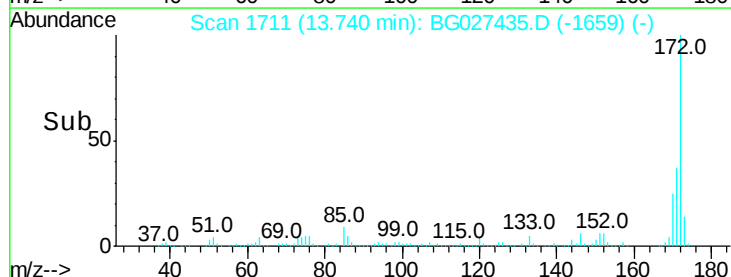
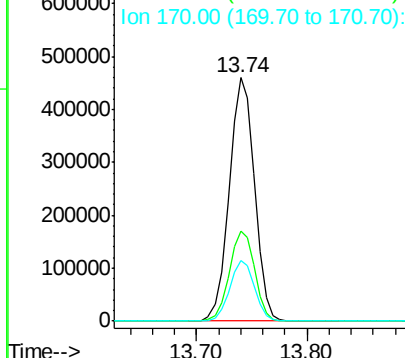


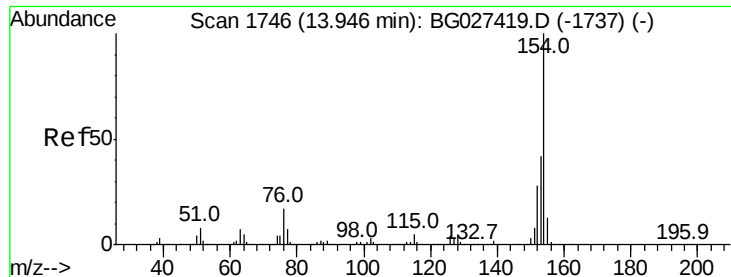
#44
 2-Fluorobiphenyl
 Concen: 91.09 ng
 RT: 13.74 min Scan# 1711
 Delta R.T. 0.01 min
 Lab File: BG027435.D
 Acq: 15 Jun 2017 3:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	24.7	21.8	32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

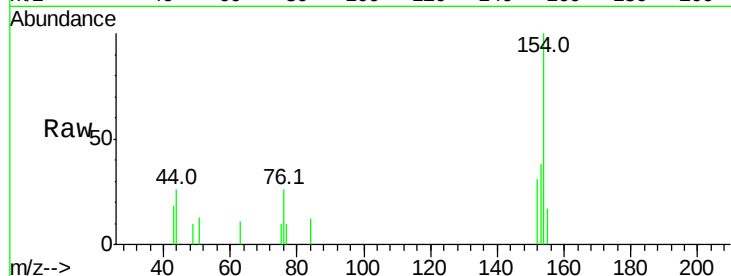




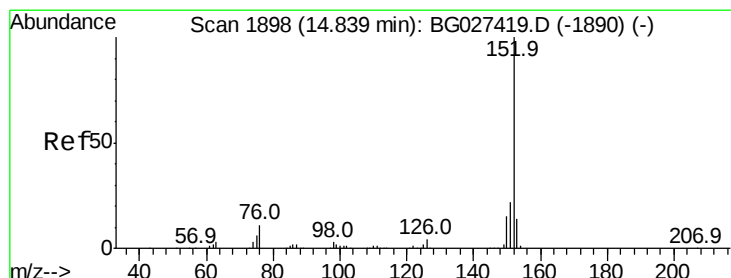
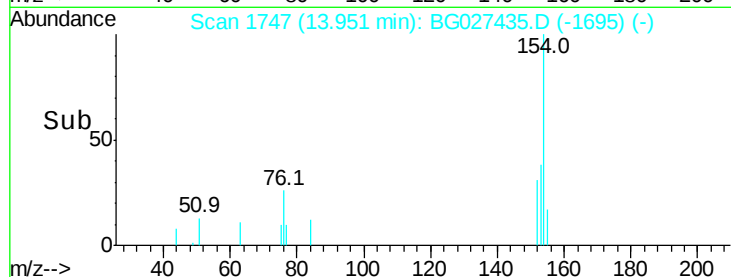
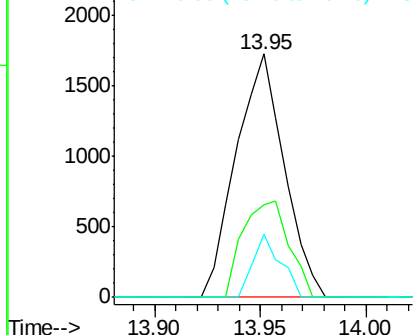
#45
 1,1'-Biphenyl
 Concen: 0.29 ng
 RT: 13.95 min Scan# 1747
 Delta R.T. 0.01 min
 Lab File: BG027435.D
 Acq: 15 Jun 2017 3:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	38.2	23.0	63.0
76	25.7	0.0	33.5

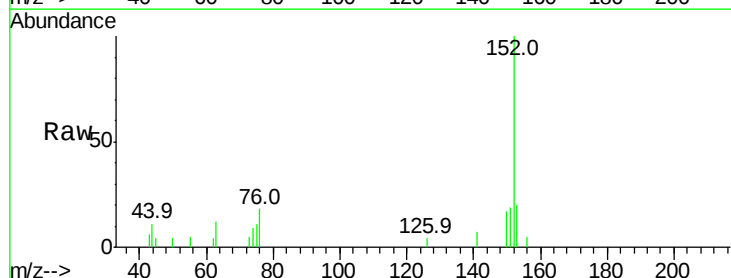


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

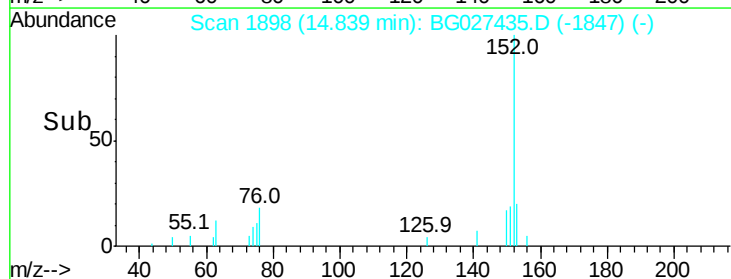
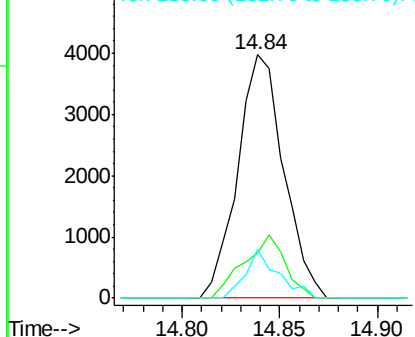


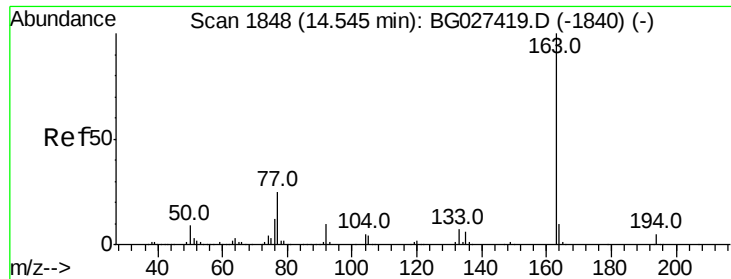
#48
 Acenaphthylene
 Concen: 0.53 ng
 RT: 14.84 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BG027435.D
 Acq: 15 Jun 2017 3:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.6	18.2	27.2
153	20.3	11.3	16.9#



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





#49

Dimethylphthalate

Concen: 0.01 ng

RT: 14.54 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

Instrument :

BNA_G

ClientSampleId :

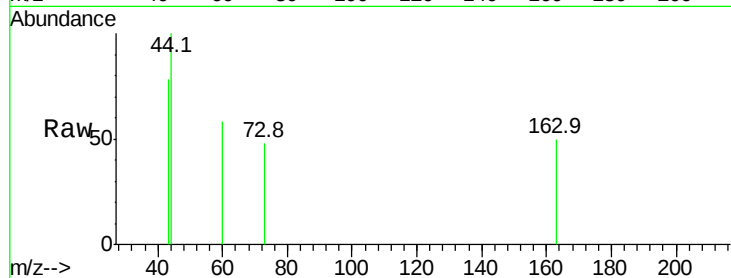
Tot Ion:163 Resp: 57

Ion Ratio Lower Upper

163 100

194 0.0 3.8 5.6#

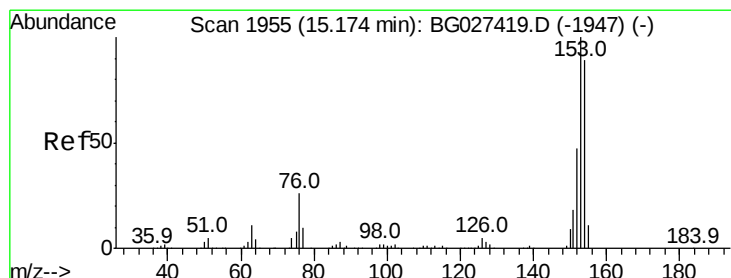
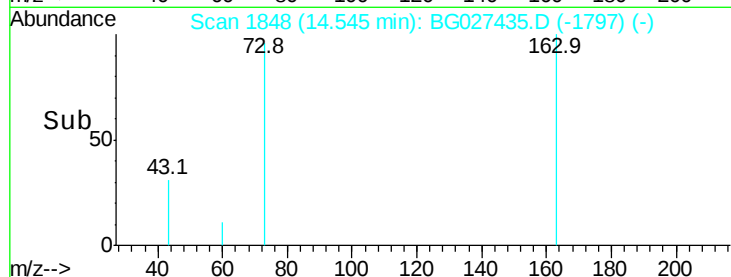
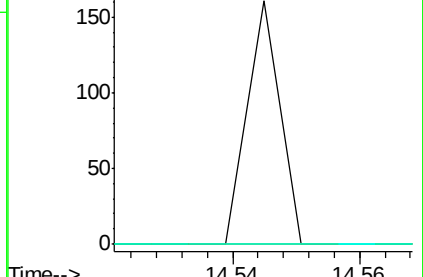
164 0.0 9.3 13.9#



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



#51

Acenaphthene

Concen: 0.34 ng

RT: 15.17 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

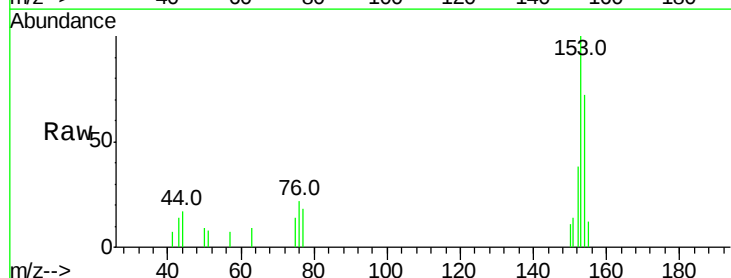
Tgt Ion:154 Resp: 2776

Ion Ratio Lower Upper

154 100

153 139.4 87.8 131.6#

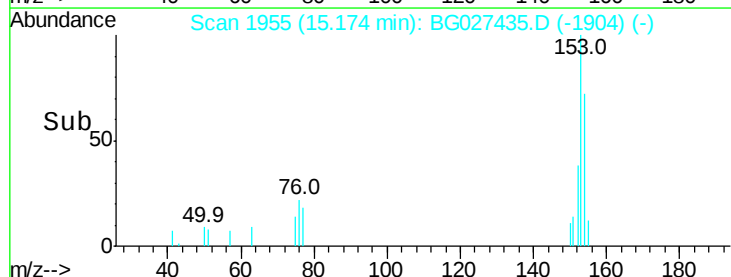
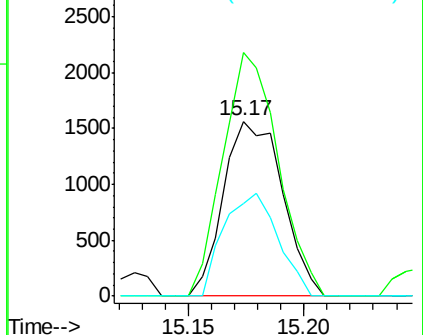
152 53.2 42.2 63.4

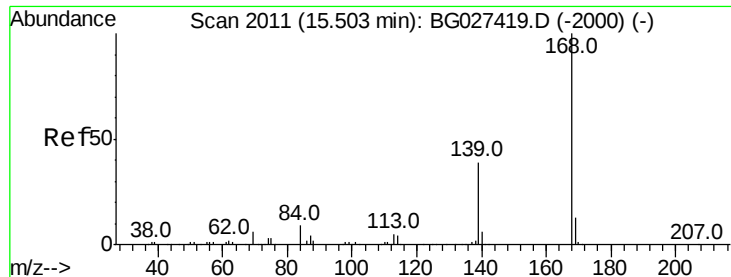


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 0.19 ng

RT: 15.51 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

Instrument :

BNA_G

ClientSampleId :

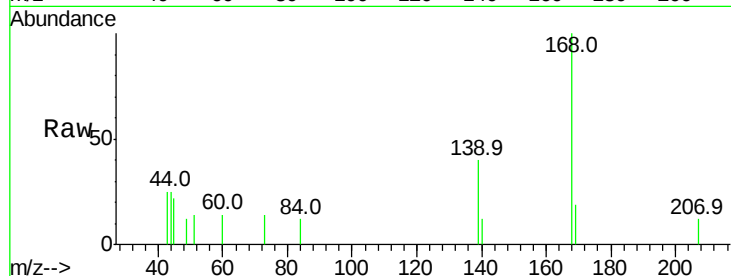
Tot Ion:168 Resp: 2146

Ion Ratio Lower Upper

168 100

139 40.4 35.3 52.9

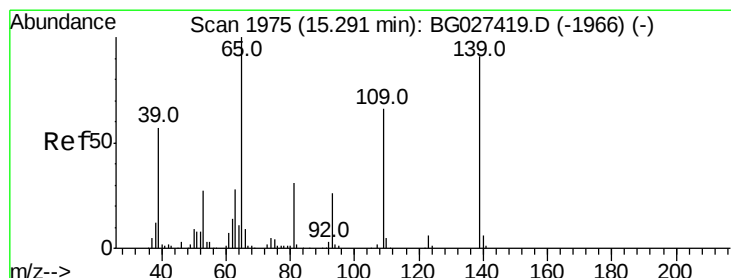
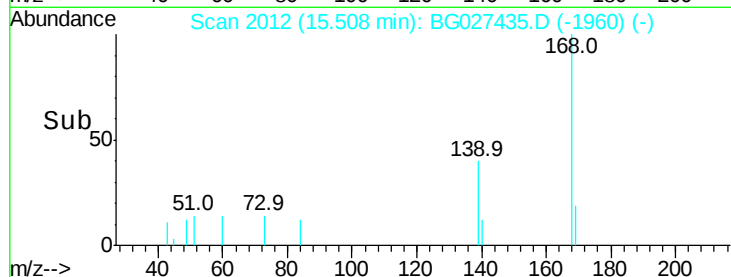
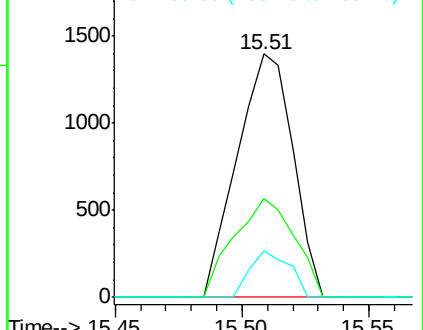
169 19.2 11.5 17.3#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 0.54 ng

RT: 15.51 min Scan# 2012

Delta R.T. 0.22 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

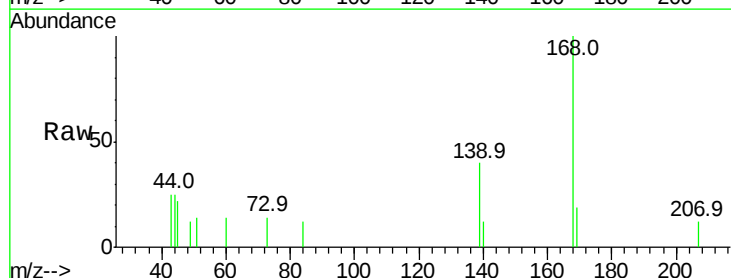
Tgt Ion:139 Resp: 943

Ion Ratio Lower Upper

139 100

109 0.0 101.2 141.2#

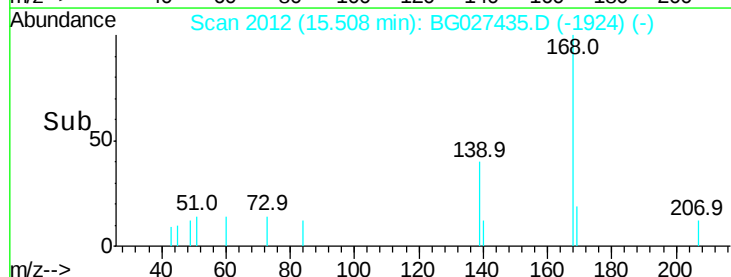
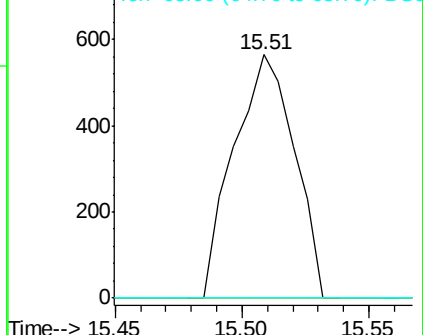
65 0.0 135.3 175.3#

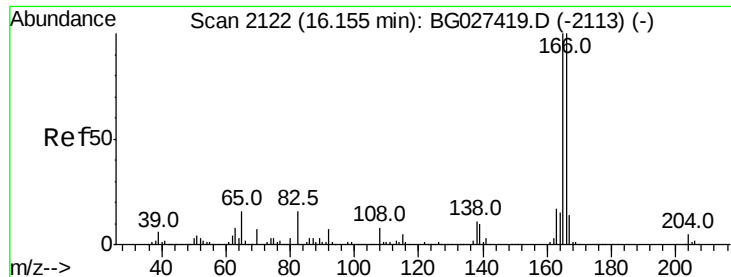


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

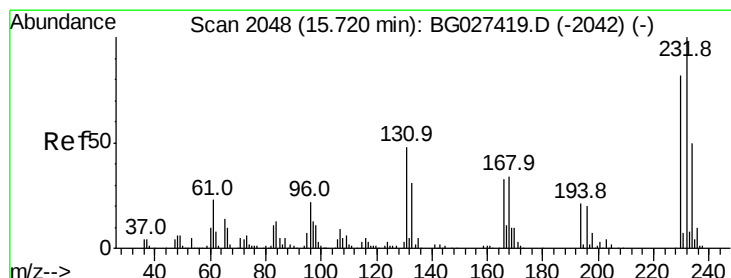
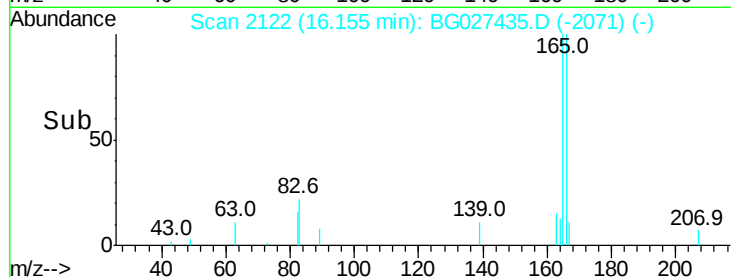
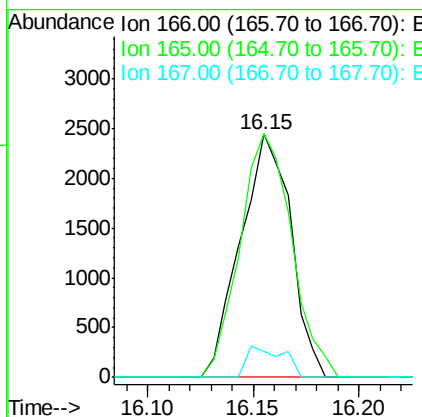
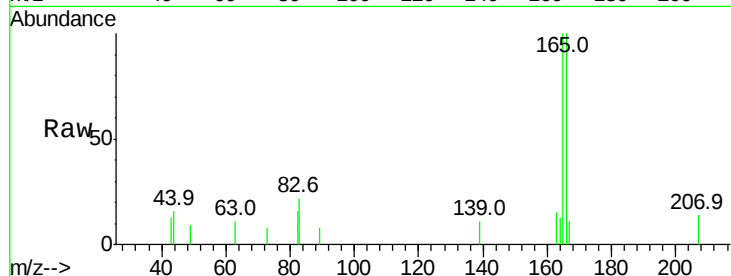




#57
Fluorene
 Concen: 0.40 ng
 RT: 16.15 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG027435.D
 Acq: 15 Jun 2017 3:48

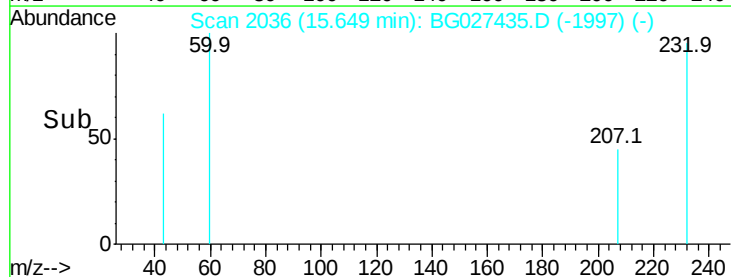
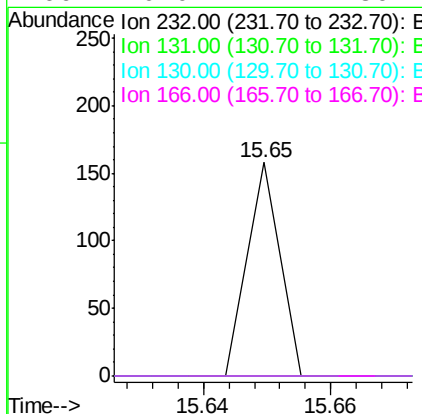
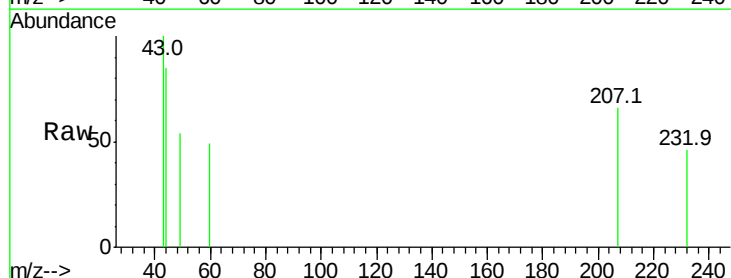
Instrument :
 BNA_G
 ClientSampleId :

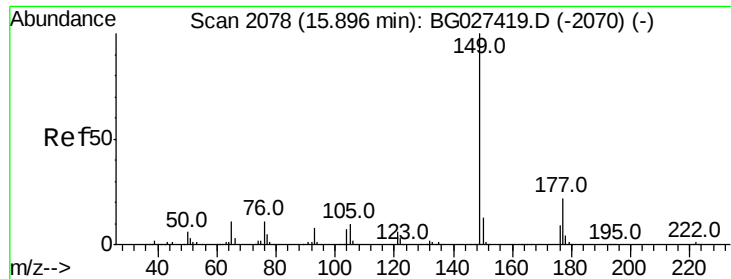
Tot Ion:166 Resp: 4032
 Ion Ratio Lower Upper
 166 100
 165 100.0 78.6 117.8
 167 10.8 11.6 17.4#



#58
2,3,4,6-Tetrachlorophenol
 Concen: 0.02 ng
 RT: 15.65 min Scan# 2036
 Delta R.T. -0.07 min
 Lab File: BG027435.D
 Acq: 15 Jun 2017 3:48

Tgt Ion:232 Resp: 56
 Ion Ratio Lower Upper
 232 100
 131 0.0 34.9 52.3#
 130 0.0 2.3 3.5#
 166 0.0 24.2 36.4#

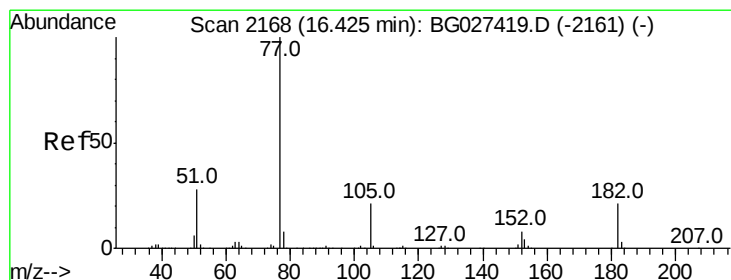
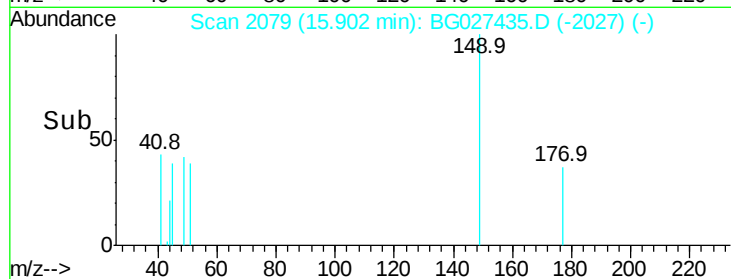
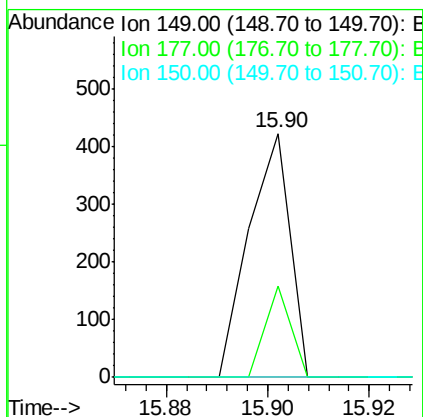
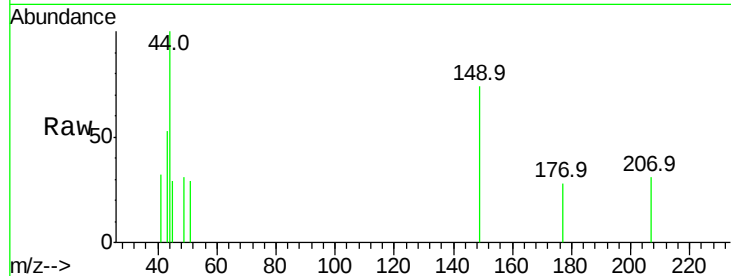




#59
Diethylphthalate
Concen: 0.02 ng
RT: 15.90 min Scan# 2079
Delta R.T. 0.01 min
Lab File: BG027435.D
Acq: 15 Jun 2017 3:48

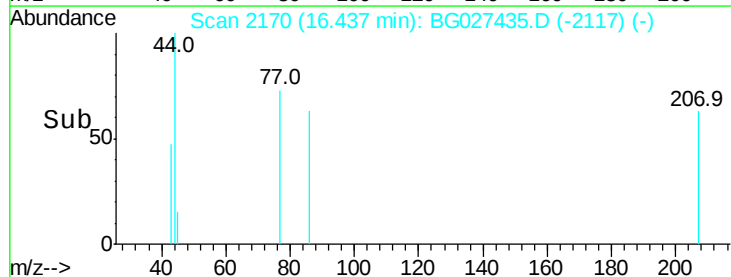
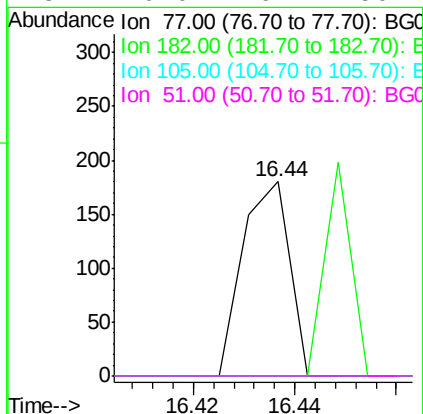
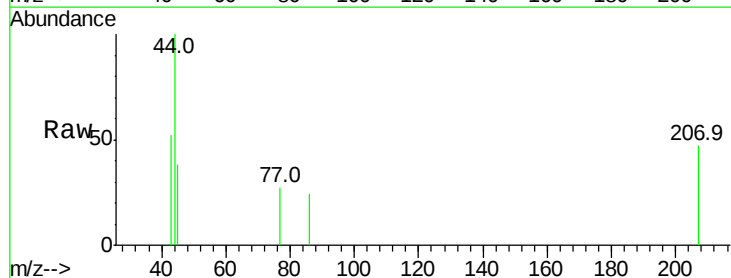
Instrument :
BNA_G
ClientSampled :

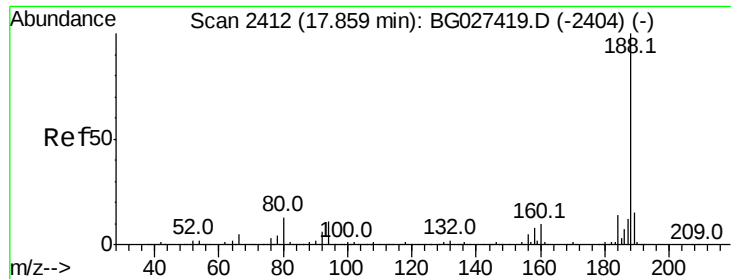
Tot Ion:149 Resp: 240
Ion Ratio Lower Upper
149 100
177 37.4 20.1 30.1#
150 0.0 10.2 15.2#



#62
Azobenzene
Concen: 0.01 ng
RT: 16.44 min Scan# 2170
Delta R.T. 0.01 min
Lab File: BG027435.D
Acq: 15 Jun 2017 3:48

Tgt Ion: 77 Resp: 116
Ion Ratio Lower Upper
77 100
182 0.0 4.7 44.7#
105 0.0 0.0 36.3
51 0.0 16.4 56.4#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.86 min Scan# 2413

Delta R.T. 0.01 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

Instrument :

BNA_G

ClientSampleId :

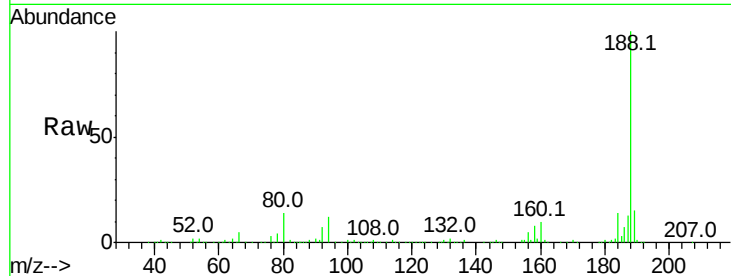
Tot Ion:188 Resp: 348393

Ion Ratio Lower Upper

188 100

94 11.8 5.8 8.8#

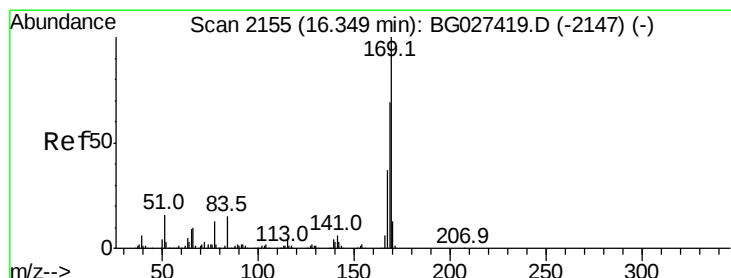
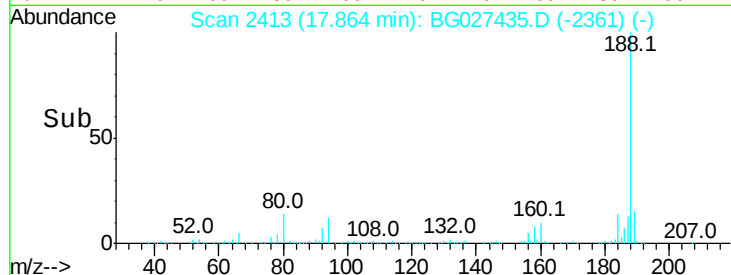
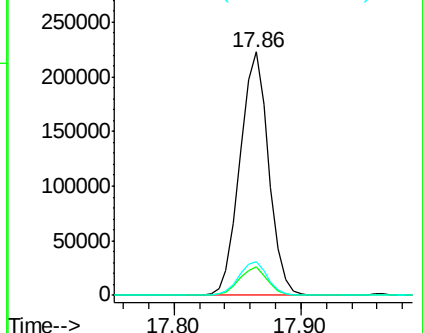
80 13.9 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

n-Nitrosodiphenylamine

Concen: 0.94 ng

RT: 16.60 min Scan# 2197

Delta R.T. 0.25 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

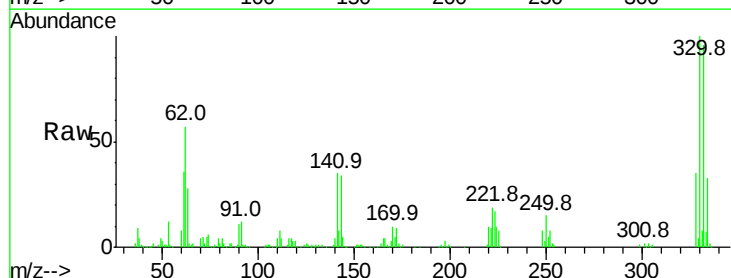
Tgt Ion:169 Resp: 10265

Ion Ratio Lower Upper

169 100

168 10.2 55.7 83.5#

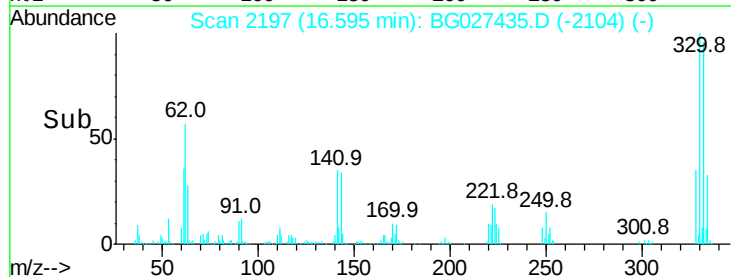
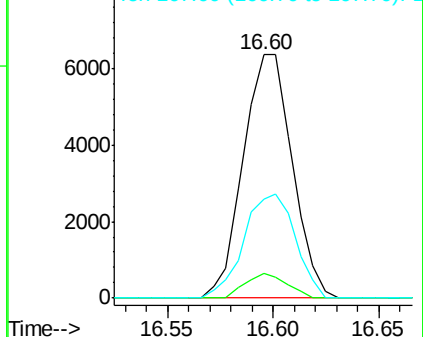
167 40.4 29.8 44.6

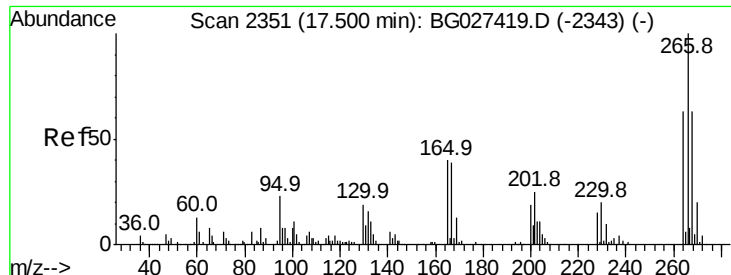


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Pentachlorophenol

Concen: 0.22 ng

RT: 17.51 min Scan# 2352

Delta R.T. 0.01 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

Instrument :

BNA_G

ClientSampleId :

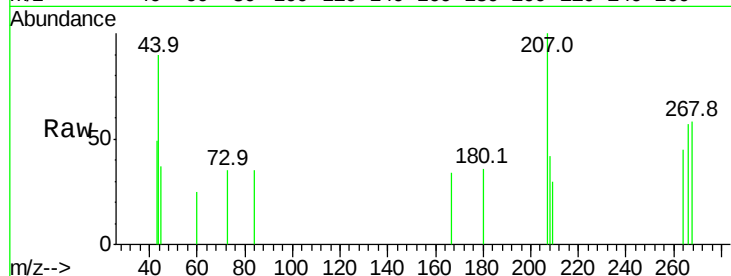
Tot Ion:266 Resp: 578

Ion Ratio Lower Upper

266 100

268 102.3 48.6 72.8#

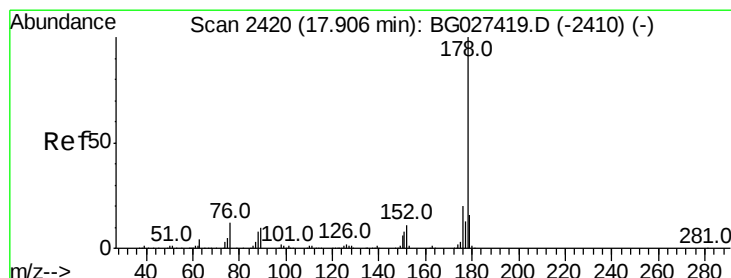
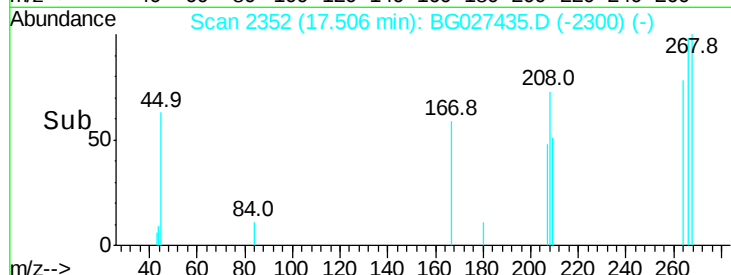
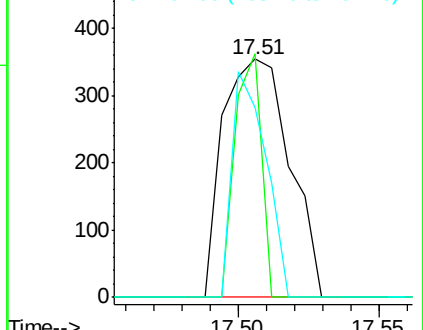
264 79.7 50.1 75.1#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 0.07 ng

RT: 17.99 min Scan# 2435

Delta R.T. 0.09 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

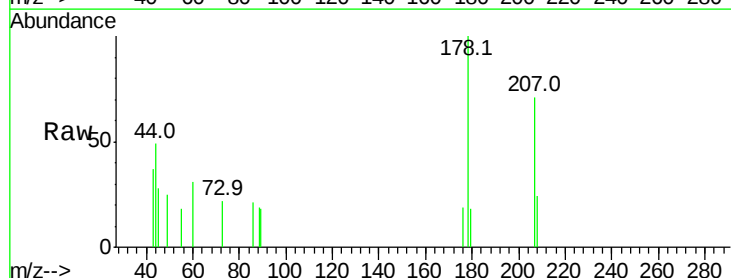
Tgt Ion:178 Resp: 1288

Ion Ratio Lower Upper

178 100

176 19.0 17.7 26.5

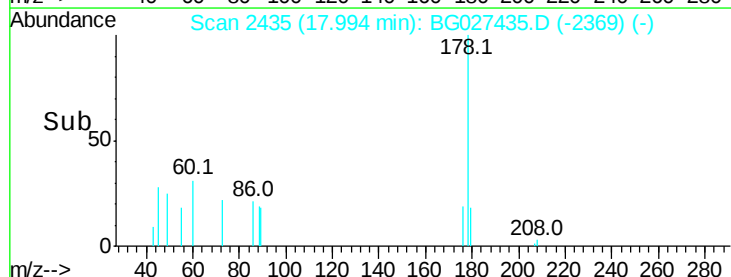
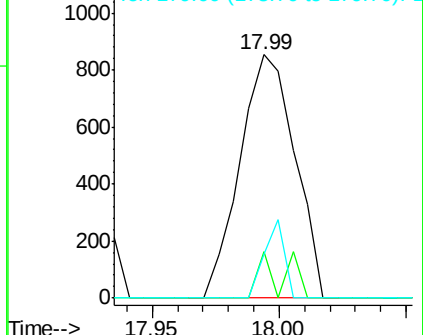
179 18.1 15.0 22.6

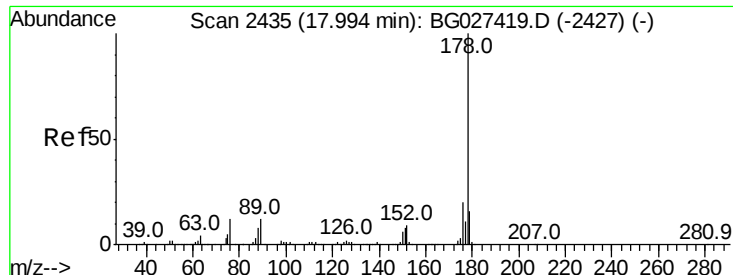


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

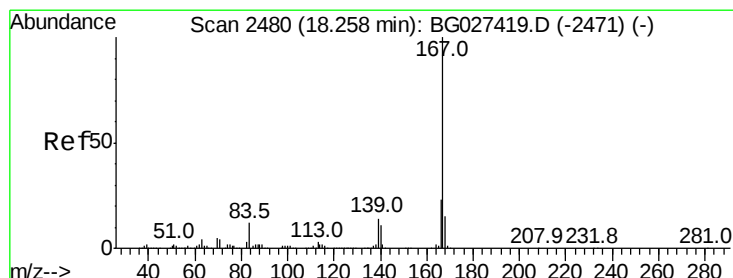
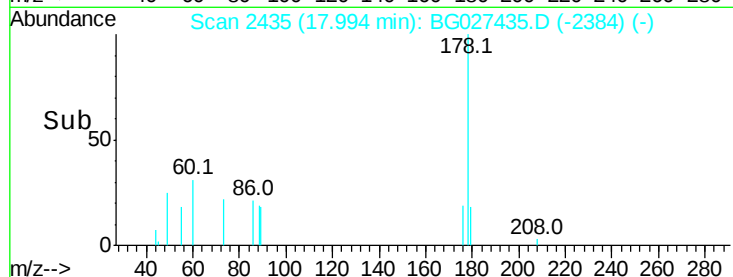
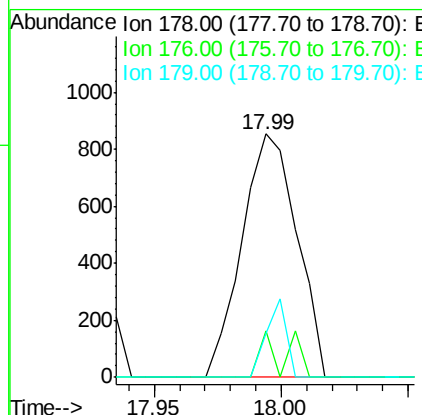
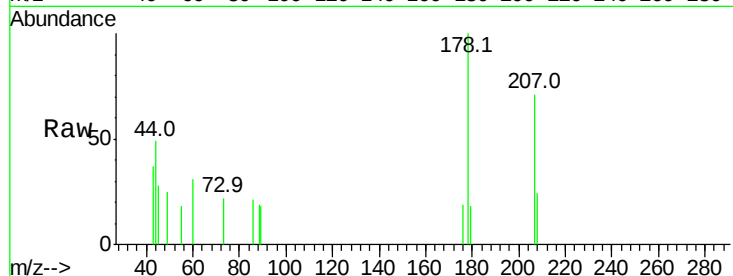




#71
 Anthracene
 Concen: 0.07 ng
 RT: 17.99 min Scan# 2435
 Delta R.T. -0.00 min
 Lab File: BG027435.D
 Acq: 15 Jun 2017 3:48

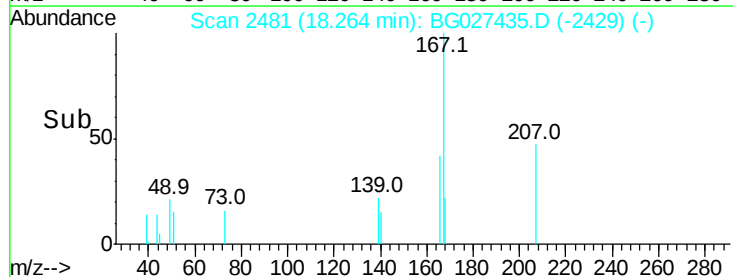
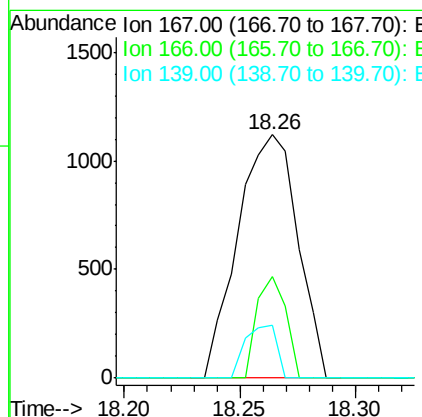
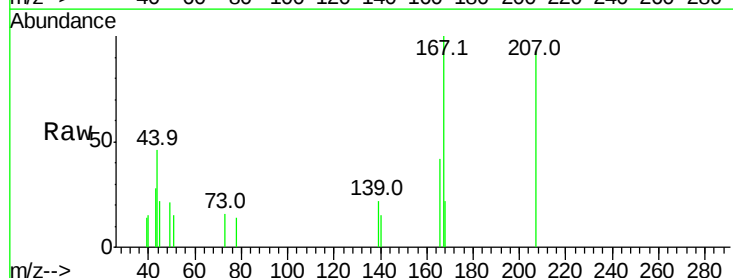
Instrument :
 BNA_G
 ClientSampled :

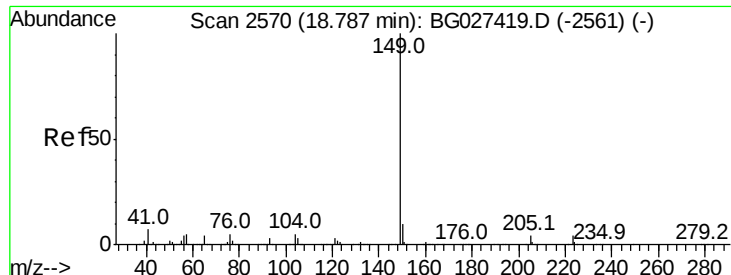
Tot Ion:178 Resp: 1288
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.4 24.6
 179 18.1 13.8 20.8



#72
 Carbazole
 Concen: 0.11 ng
 RT: 18.26 min Scan# 2481
 Delta R.T. 0.01 min
 Lab File: BG027435.D
 Acq: 15 Jun 2017 3:48

Tgt Ion:167 Resp: 2017
 Ion Ratio Lower Upper
 167 100
 166 41.8 20.2 30.2#
 139 21.8 12.8 19.2#





#73

Di-n-butylphthalate

Concen: 0.23 ng

RT: 18.79 min Scan# 2570

Delta R.T. -0.00 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

Instrument :

BNA_G

ClientSampleId :

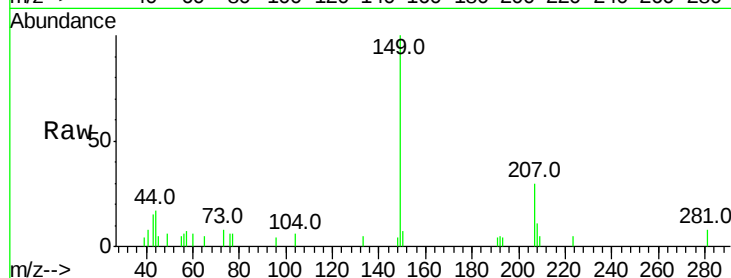
Tot Ion:149 Resp: 4697

Ion Ratio Lower Upper

149 100

150 7.2 9.1 13.7#

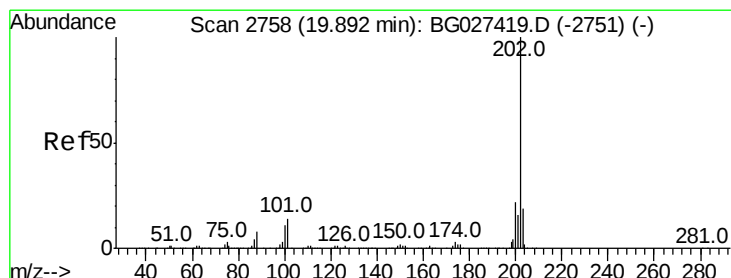
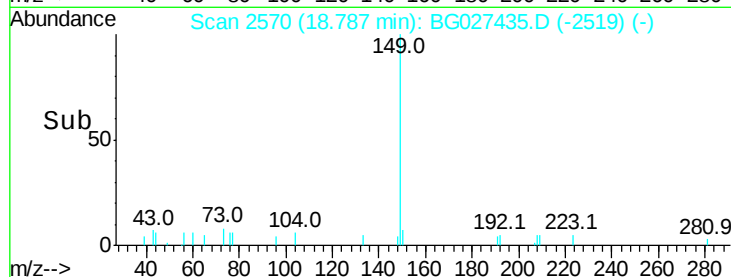
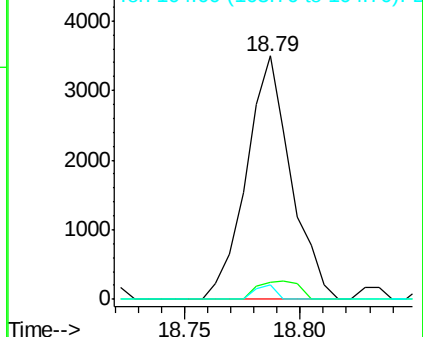
104 5.9 6.7 10.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.08 ng

RT: 19.89 min Scan# 2758

Delta R.T. -0.00 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

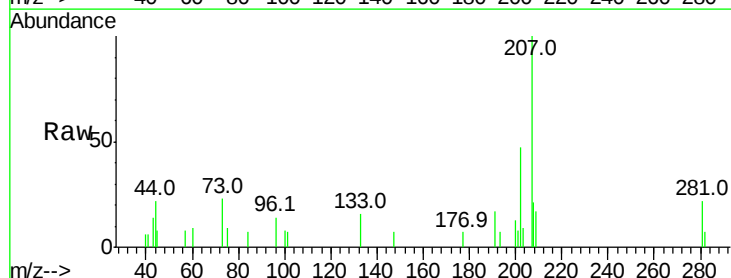
Tgt Ion:202 Resp: 1767

Ion Ratio Lower Upper

202 100

101 14.5 0.0 30.1

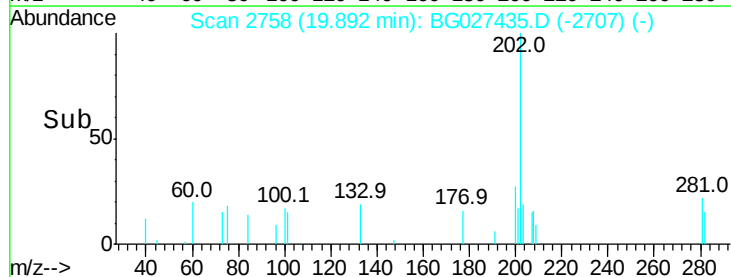
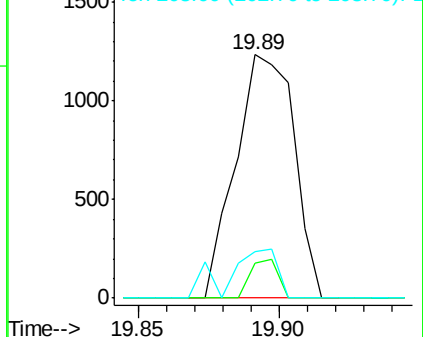
203 19.0 1.3 41.3

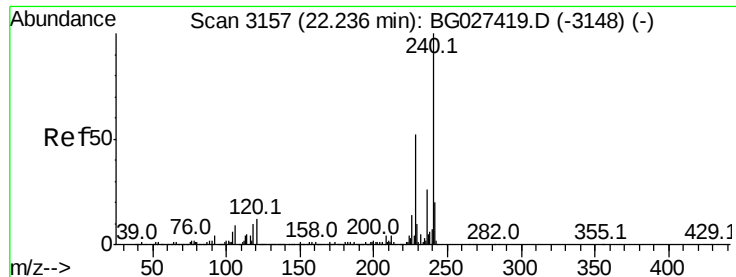


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.24 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

Instrument :

BNA_G

ClientSampleId :

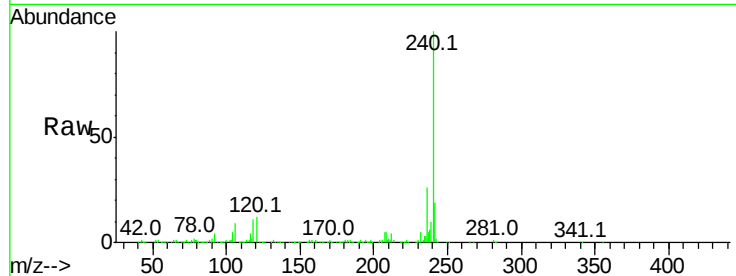
Tot Ion:240 Resp: 410505

Ion Ratio Lower Upper

240 100

120 12.0 5.7 8.5#

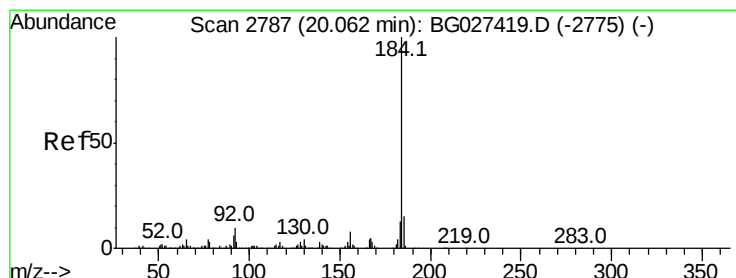
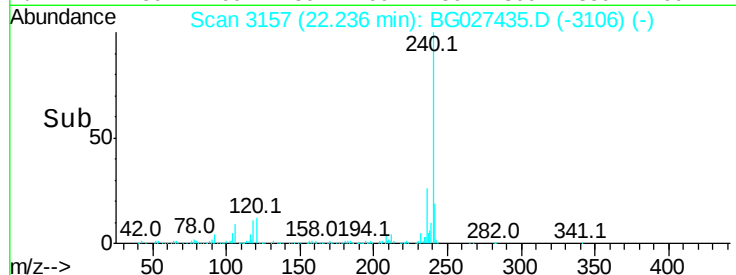
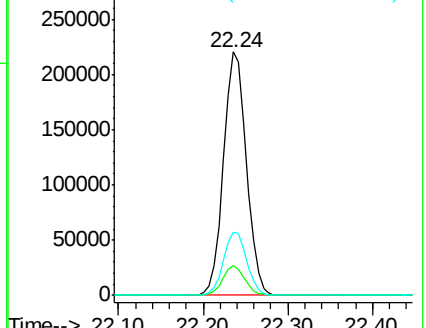
236 26.1 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.03 ng

RT: 20.05 min Scan# 2785

Delta R.T. -0.01 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

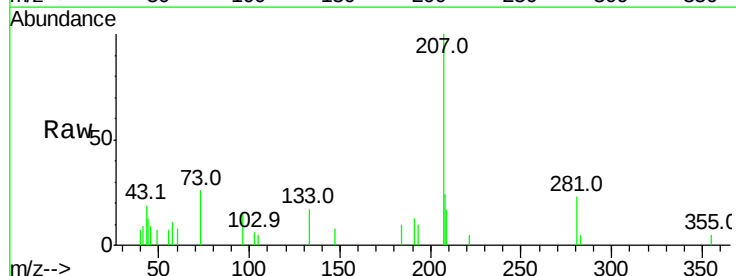
Tgt Ion:184 Resp: 226

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

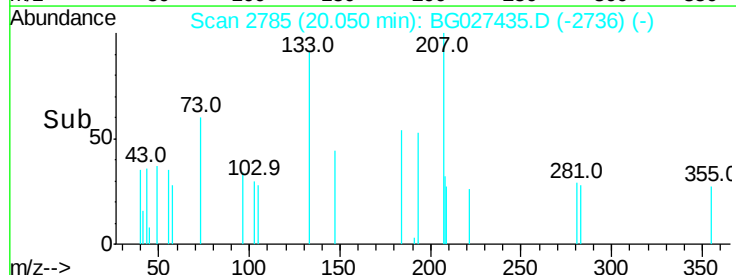
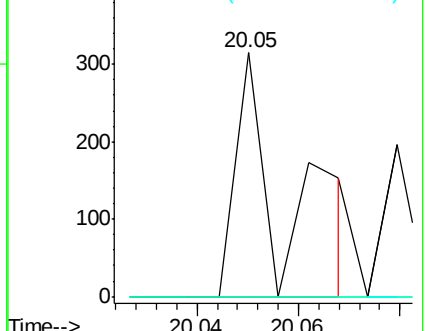
183 0.0 11.0 16.6#

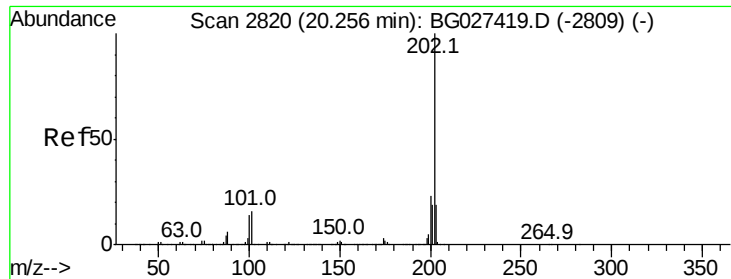


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

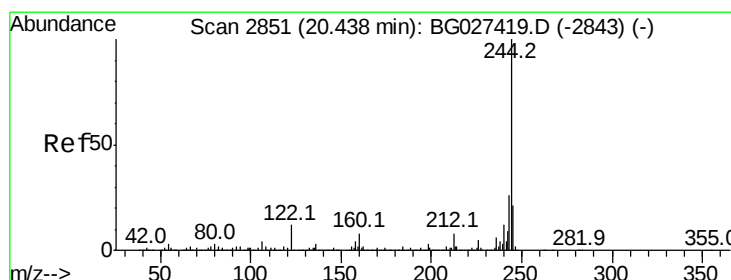
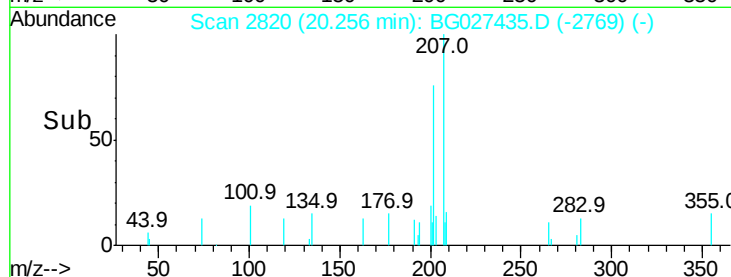
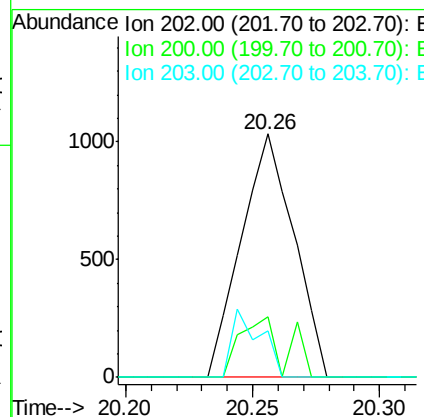
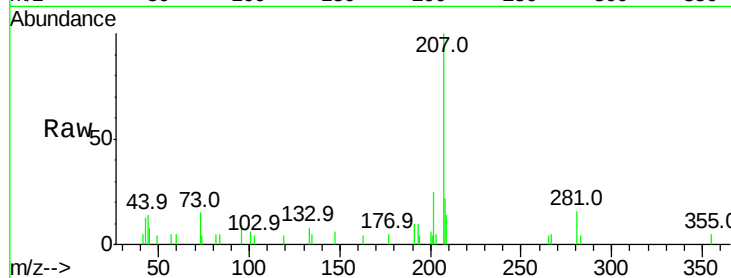




#77
Pvrene
Concen: 0.07 ng
RT: 20.26 min Scan# 2820
Delta R.T. -0.00 min
Lab File: BG027435.D
Acq: 15 Jun 2017 3:48

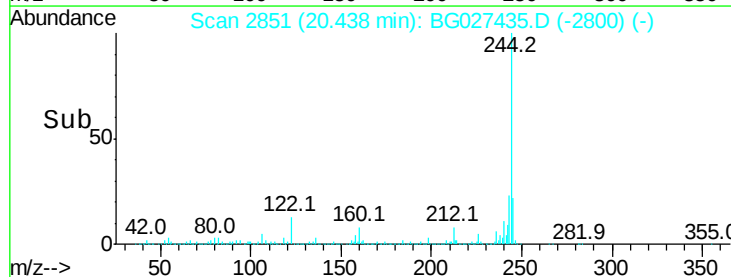
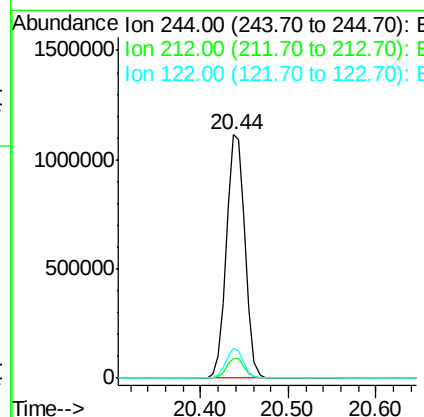
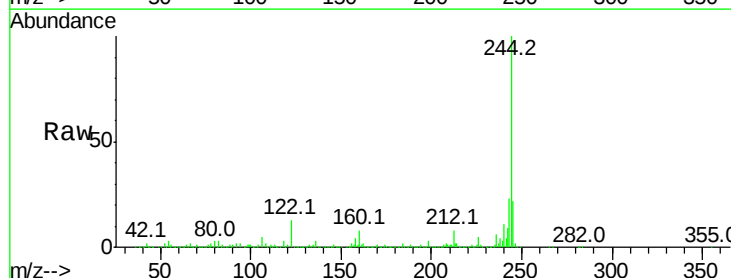
Instrument :
BNA_G
ClientSampleId :

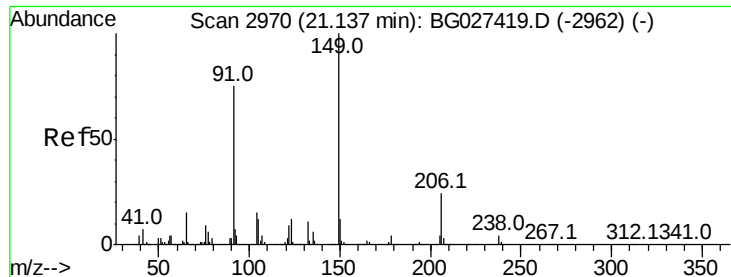
Tot Ion:202 Resp: 1501
Ion Ratio Lower Upper
202 100
200 25.0 19.6 29.4
203 19.1 15.8 23.8



#78
Terphenyl-d14
Concen: 101.63 ng
RT: 20.44 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BG027435.D
Acq: 15 Jun 2017 3:48

Tgt Ion:244 Resp: 1627739
Ion Ratio Lower Upper
244 100
212 8.0 10.0 15.0#
122 12.5 8.6 12.8

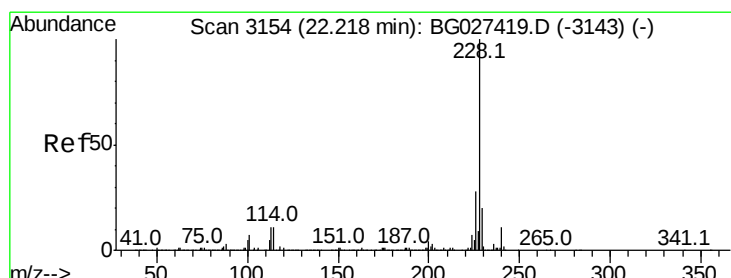
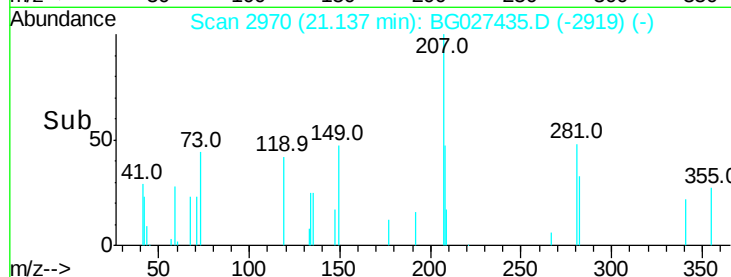
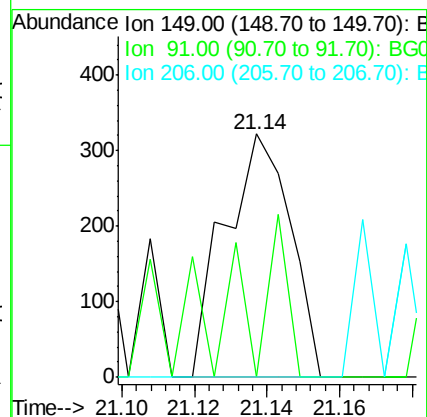
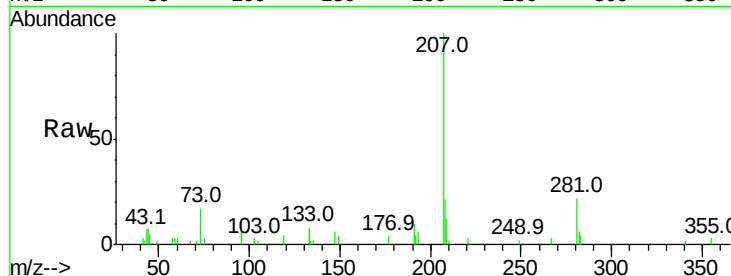




#79
 Butylbenzylphthalate
 Concen: 0.04 ng
 RT: 21.14 min Scan# 2970
 Delta R.T. -0.00 min
 Lab File: BG027435.D
 Acq: 15 Jun 2017 3:48

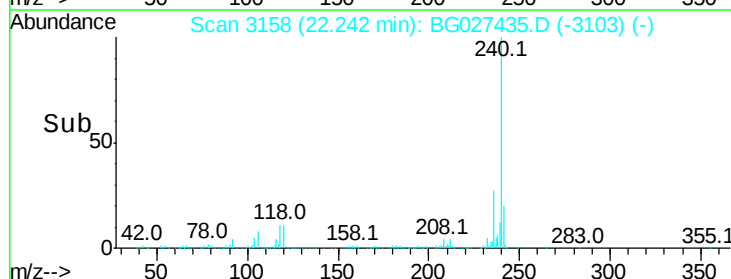
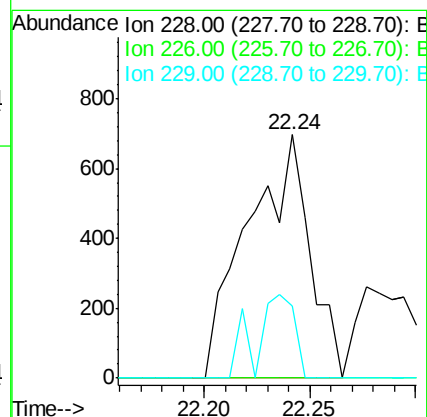
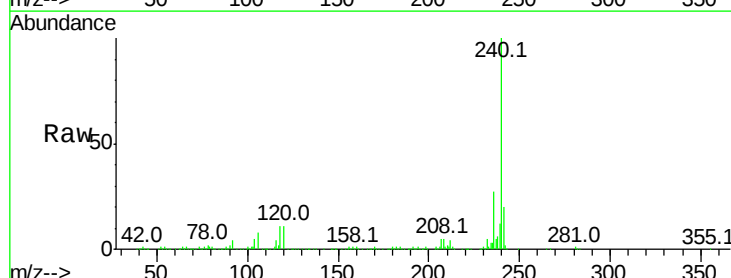
Instrument :
 BNA_G
 ClientSampled :

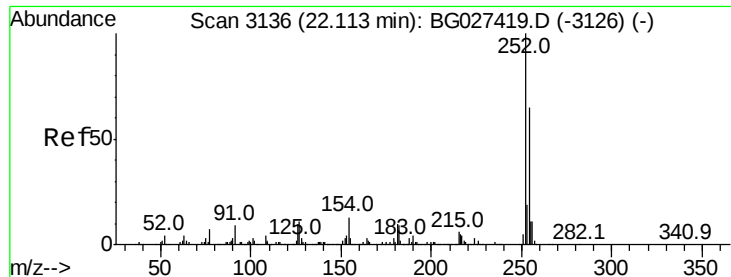
Tot Ion	Ratio	Lower	Upper
149	100		
91	0.0	63.5	95.3#
206	0.0	21.0	31.6#



#80
 Benzo(a)anthracene
 Concen: 0.06 ng
 RT: 22.24 min Scan# 3158
 Delta R.T. 0.02 min
 Lab File: BG027435.D
 Acq: 15 Jun 2017 3:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	29.4	18.2	27.2#

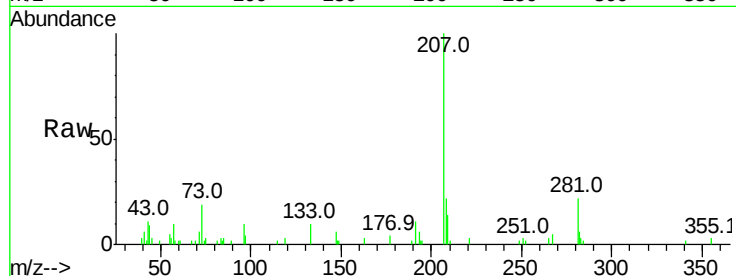




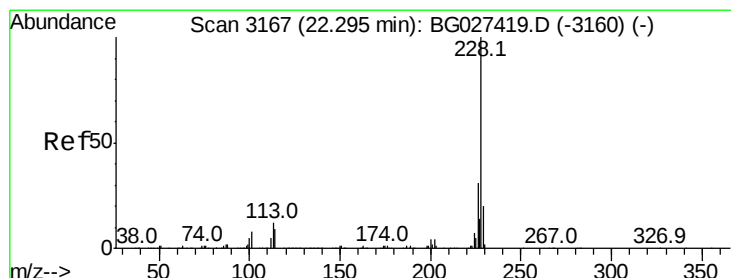
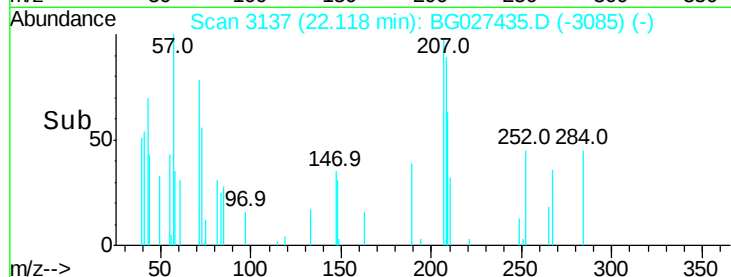
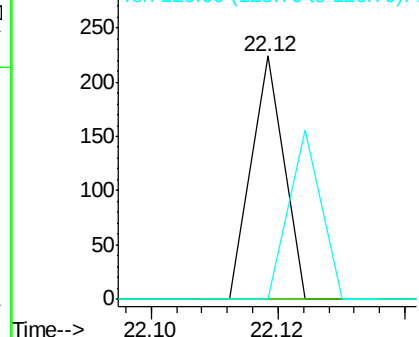
#81
 3,3'-Dichlorobenzidine
 Concen: 0.01 ng
 RT: 22.12 min Scan# 3137
 Delta R.T. 0.01 min
 Lab File: BG027435.D
 Acq: 15 Jun 2017 3:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	0.0	53.1	79.7#
126	0.0	7.0	10.4#

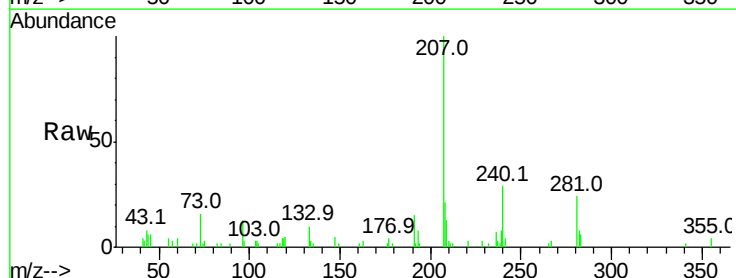


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

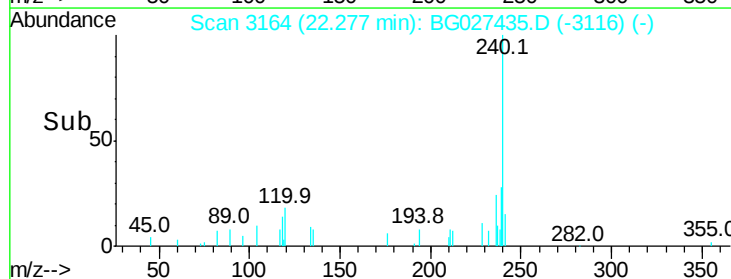
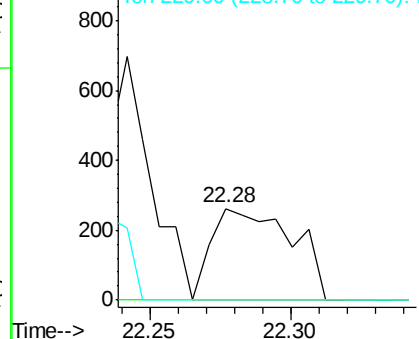


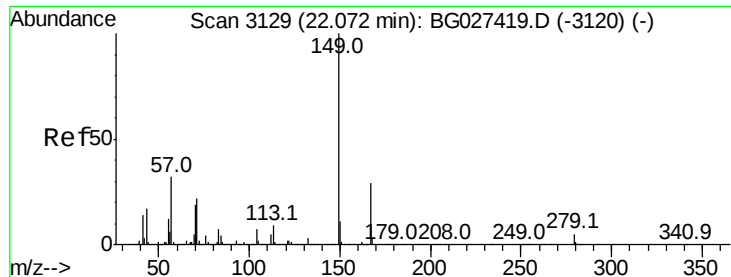
#82
 Chrysene
 Concen: 0.02 ng
 RT: 22.28 min Scan# 3164
 Delta R.T. -0.02 min
 Lab File: BG027435.D
 Acq: 15 Jun 2017 3:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	27.0	40.4#
229	0.0	17.8	26.6#



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

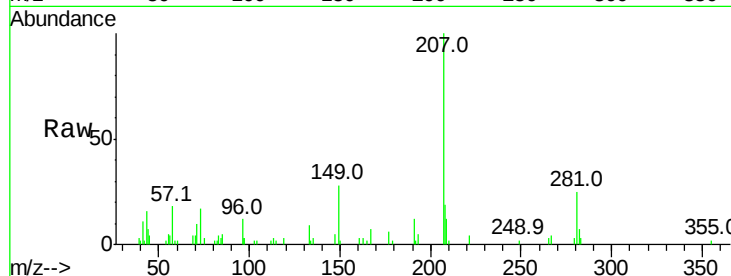




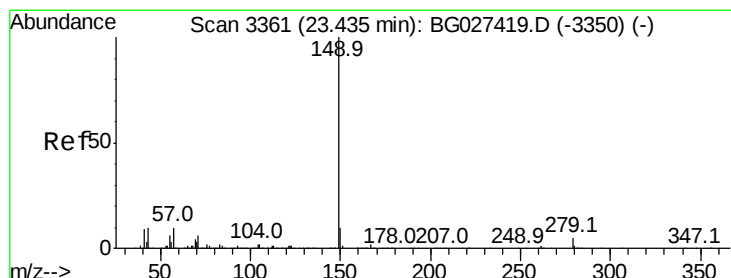
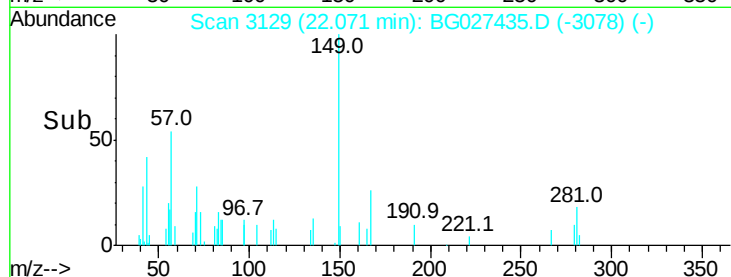
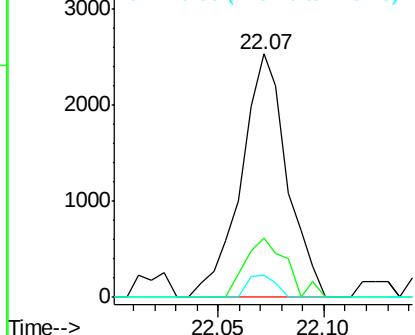
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.28 ng
 RT: 22.07 min Scan# 3129
 Delta R.T. -0.00 min
 Lab File: BG027435.D
 Acq: 15 Jun 2017 3:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 3812
 Ion Ratio Lower Upper
 149 100
 167 24.4 23.7 35.5
 279 9.1 4.6 6.8#

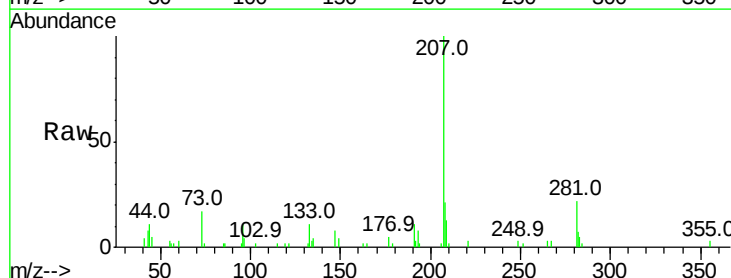


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

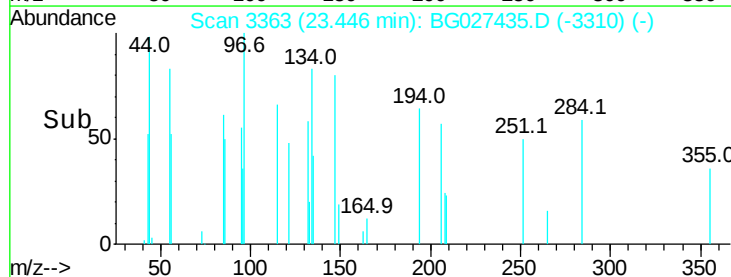
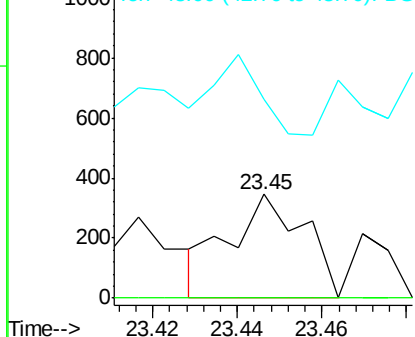


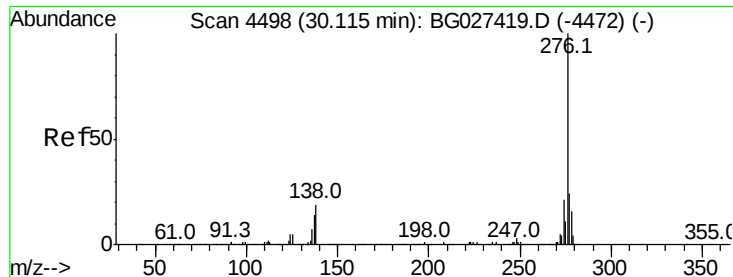
#84
 Di-n-octyl phthalate
 Concen: 0.02 ng
 RT: 23.45 min Scan# 3363
 Delta R.T. 0.01 min
 Lab File: BG027435.D
 Acq: 15 Jun 2017 3:48

Tgt Ion:149 Resp: 424
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.2#
 43 64.6 11.8 17.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG

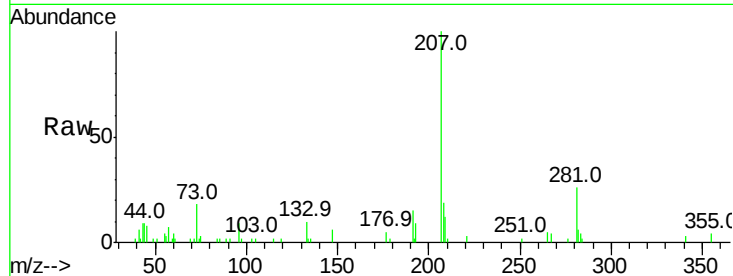




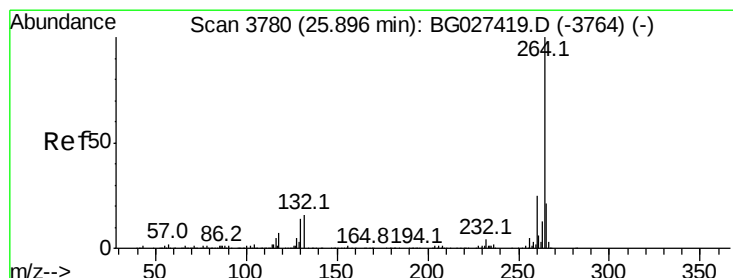
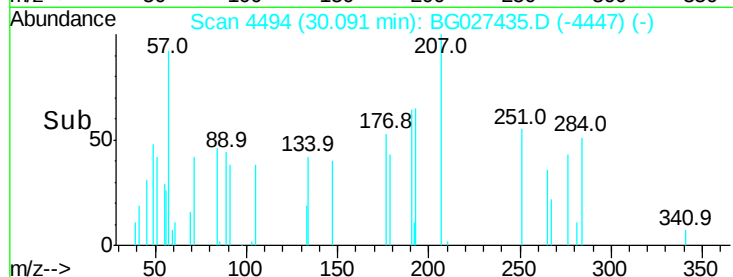
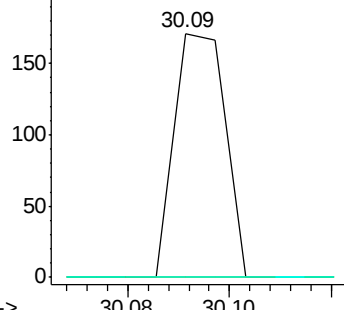
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 30.09 min Scan# 4494
Delta R.T. -0.02 min
Lab File: BG027435.D
Acq: 15 Jun 2017 3:48

Instrument :
BNA_G
ClientSampled :

Tot Ion:276 Resp: 119
Ion Ratio Lower Upper
276 100
138 0.0 4.7 7.1#
277 0.0 20.6 31.0#

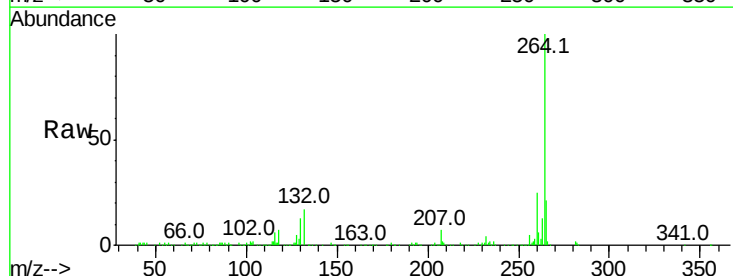


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

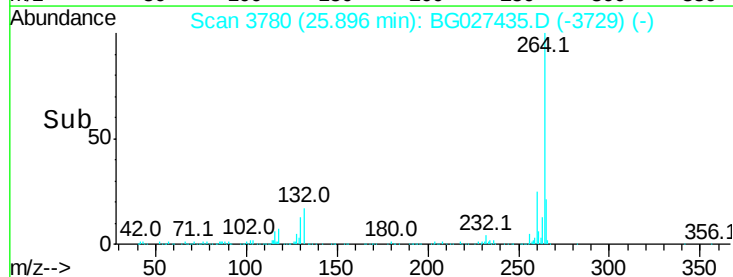
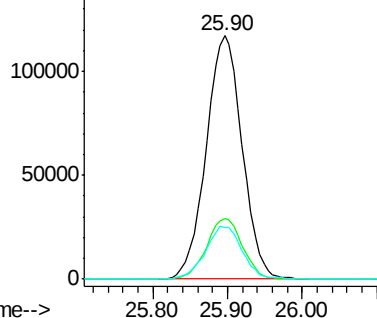


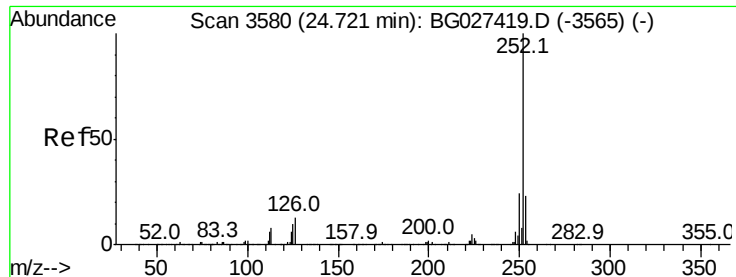
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.90 min Scan# 3780
Delta R.T. -0.00 min
Lab File: BG027435.D
Acq: 15 Jun 2017 3:48

Tgt Ion:264 Resp: 391276
Ion Ratio Lower Upper
264 100
260 25.0 21.8 32.8
265 21.4 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.02 ng

RT: 24.72 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

Instrument :

BNA_G

ClientSampled :

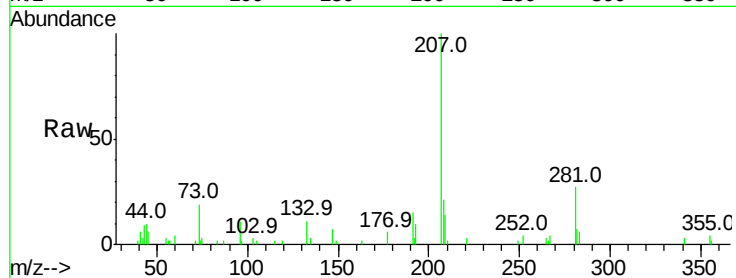
Tot Ion:252 Resp: 450

Ion Ratio Lower Upper

252 100

253 0.0 18.7 28.1#

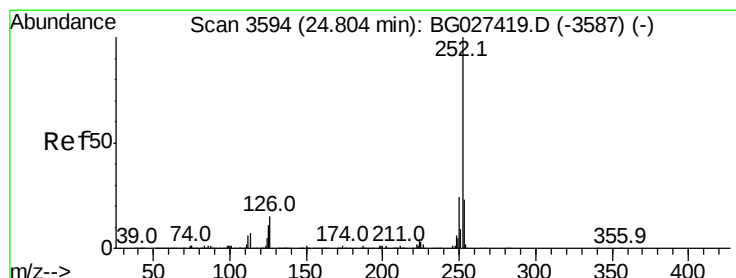
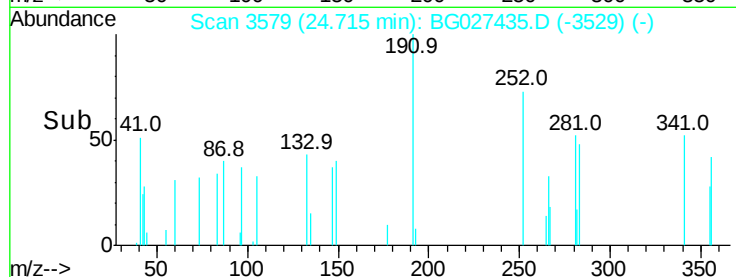
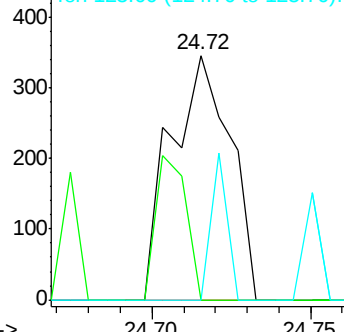
125 0.0 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.02 ng

RT: 24.79 min Scan# 3592

Delta R.T. -0.01 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

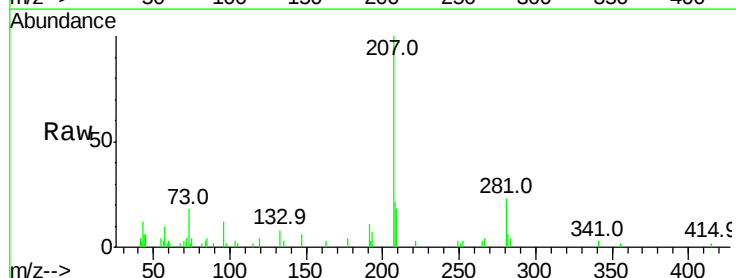
Tgt Ion:252 Resp: 387

Ion Ratio Lower Upper

252 100

253 0.0 20.2 30.2#

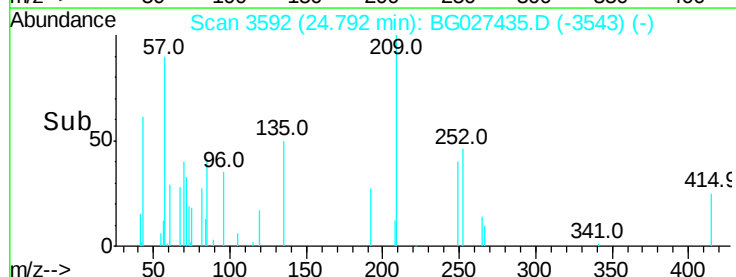
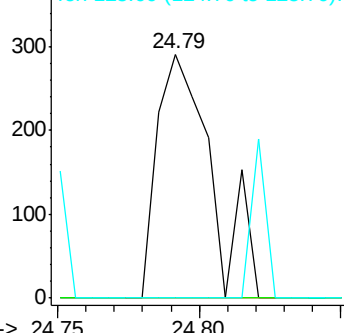
125 0.0 5.1 7.7#

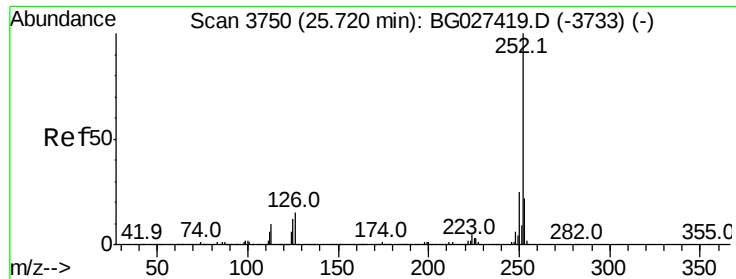


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.01 ng

RT: 25.71 min Scan# 3749

Delta R.T. -0.01 min

Lab File: BG027435.D

Acq: 15 Jun 2017 3:48

Instrument :

BNA_G

ClientSampleId :

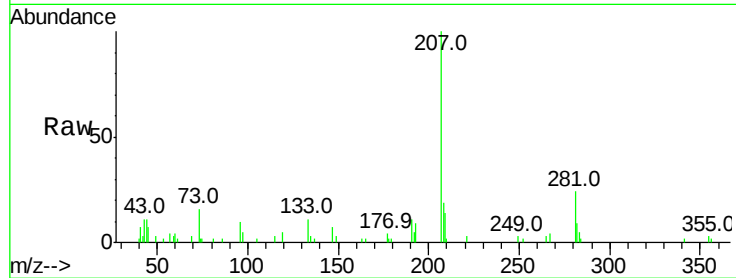
Tot Ion: 252 Resp: 239

Ion Ratio Lower Upper

252 100

253 0.0 19.2 28.8#

125 0.0 5.4 8.0#



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

