

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091017\
 Data File : BG028630.D
 Acq On : 10 Sep 2017 00:52
 Operator : SJ/JU
 Sample : I5167-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 11 07:17:32 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 07 18:39:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	31552	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	131508	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	95420	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	259825	20.00	ng	0.00
75) Chrysene-d12	22.03	240	311569	20.00	ng	-0.01
86) Perylene-d12	25.53	264	300882	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	75111	40.08	ng	-0.01
7) Phenol-d6	7.49	99	61606	22.67	ng	0.00
23) Nitrobenzene-d5	9.51	82	242346	84.62	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	148978	102.72	ng	0.00
44) 2-Fluorobiphenyl	13.57	172	632089	86.66	ng	0.00
78) Terphenyl-d14	20.28	244	1156202	79.95	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.86	88	127	0.166	ng	# 1
3) Pyridine	4.36	79	64	0.027	ng	# 1
4) n-Nitrosodimethylamine	4.18	42	68	0.060	ng	# 7
6) Aniline	7.67	93	55	0.016	ng	# 38
9) Benzaldehyde	7.61	77	59	0.037	ng	# 10
10) Phenol	7.52	94	2145	0.729	ng	# 98
11) bis(2-Chloroethyl)ether	7.67	93	55	0.025	ng	# 11
12) 1,3-Dichlorobenzene	8.23	146	59	0.024	ng	# 25
13) 1,4-Dichlorobenzene	8.23	146	59	0.024	ng	# 23
14) 1,2-Dichlorobenzene	8.66	146	63	0.026	ng	# 1
15) Benzyl Alcohol	8.66	79	4083	1.895	ng	# 42
16) 2,2'-oxybis(1-Chloropropan	9.07	45	54	0.012	ng	# 74
17) 2-Methylphenol	8.72	107	55	0.029	ng	# 9
22) Acetophenone	9.30	105	56	0.015	ng	# 41
24) Nitrobenzene	9.51	77	711	0.235	ng	# 49
25) Isophorone	10.06	82	58	0.011	ng	# 67
31) Naphthalene	11.20	128	74	0.010	ng	# 67
32) Benzoic acid	10.67	122	57	0.040	ng	# 1
33) 4-Chloroaniline	11.35	127	64	0.021	ng	# 4
34) Hexachlorobutadiene	11.40	225	86	0.043	ng	# 19
35) Caprolactam	12.07	113	45415	53.927	ng	# 91
36) 4-Chloro-3-methylphenol	12.44	107	72	0.025	ng	# 25
37) 2-Methylnaphthalene	12.58	142	60	0.011	ng	# 14
45) 1,1'-Biphenyl	13.78	154	791	0.099	ng	# 35
46) 2-Chloronaphthalene	13.69	162	55	0.009	ng	# 38
47) 2-Nitroaniline	14.08	65	63	0.025	ng	# 16
49) Dimethylphthalate	14.38	163	5943	0.756	ng	# 92
50) 2,6-Dinitrotoluene	14.45	165	144	0.084	ng	# 11
51) Acenaphthene	14.95	154	578	0.101	ng	# 6
52) 3-Nitroaniline	14.80	138	71	0.041	ng	# 1
54) Dibenzofuran	15.58	168	169	0.019	ng	# 40
58) 2,3,4,6-Tetrachlorophenol	15.56	232	54	0.026	ng	# 39
59) Diethylphthalate	15.73	149	2453	0.298	ng	# 80
62) Azobenzene	16.27	77	61	0.008	ng	# 47

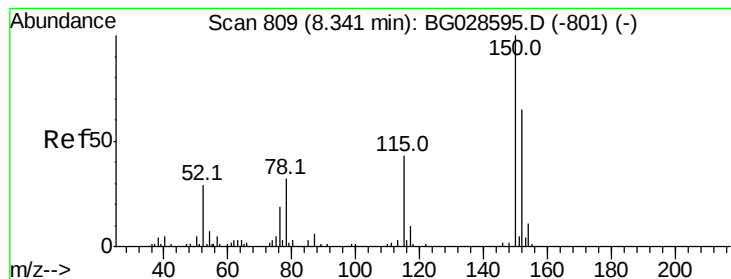
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091017\
 Data File : BG028630.D
 Acq On : 10 Sep 2017 00:52
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Quant Time: Sep 11 07:17:32 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) n-Nitrosodiphenylamine	16.44	169	5116	0.667	nq	# 37
68) Atrazine	16.93	200	75	0.027	nq	# 36
70) Phenanthrene	17.74	178	73	0.005	nq	# 56
71) Anthracene	17.75	178	68	0.005	nq	# 58
72) Carbazole	18.12	167	61	0.005	nq	# 55
73) Di-n-butylphthalate	18.62	149	3034	0.199	nq	# 83
74) Fluoranthene	19.75	202	62	0.004	nq	# 61
76) Benzidine	19.90	184	72	0.011	nq	# 64
77) Pyrene	20.27	202	4007	0.217	nq	# 50
79) Butylbenzylphthalate	20.96	149	659	0.092	nq	# 78
80) Benzo(a)anthracene	22.01	228	912	0.049	nq	# 82
81) 3,3'-Dichlorobenzidine	21.91	252	264	0.037	nq	# 89
82) Chrysene	22.01	228	912	0.052	nq	# 84
83) Bis(2-ethylhexyl)phthalate	21.86	149	29726	2.886	nq	# 88
84) Di-n-octyl phthalate	23.16	149	403	0.023	nq	# 1
85) Indeno(1,2,3-cd)pyrene	29.60	276	129	0.006	nq	# 55
87) Benzo(b)fluoranthene	24.40	252	78	0.004	nq	# 1
88) Benzo(k)fluoranthene	24.47	252	173	0.010	nq	# 56
89) Benzo(a)pyrene	25.37	252	63	0.004	nq	# 58
91) Benzo(g,h,i)perylene	30.83	276	64	0.004	nq	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.34 min Scan# 808

Delta R.T. -0.01 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

Instrument :

BNA_G

ClientSampleId :

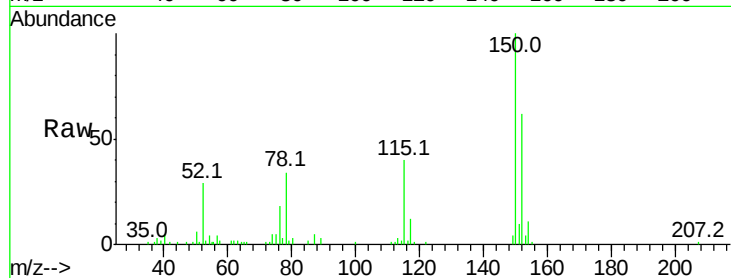
Tot Ion:152 Resp: 31552

Ion Ratio Lower Upper

152 100

150 160.5 114.0 171.0

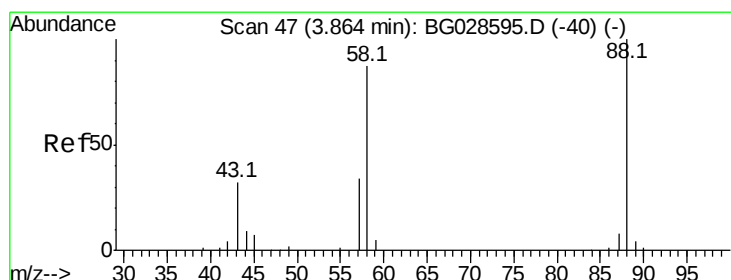
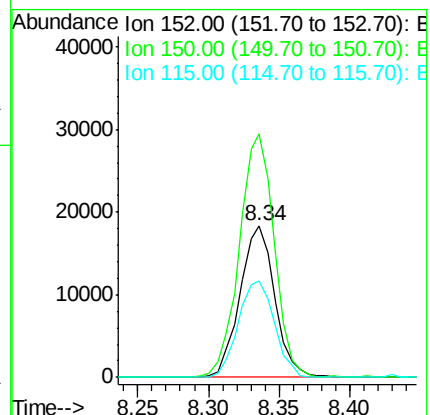
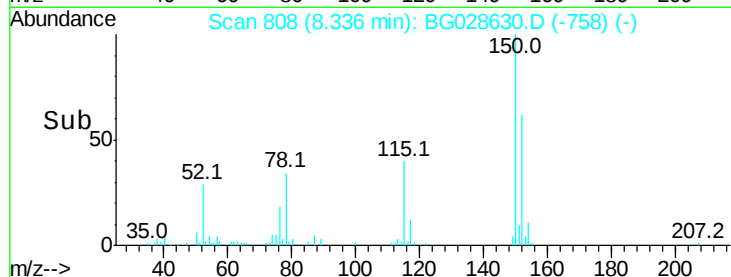
115 63.7 48.1 72.1



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: 0.166 ng

RT: 3.86 min Scan# 46

Delta R.T. -0.01 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

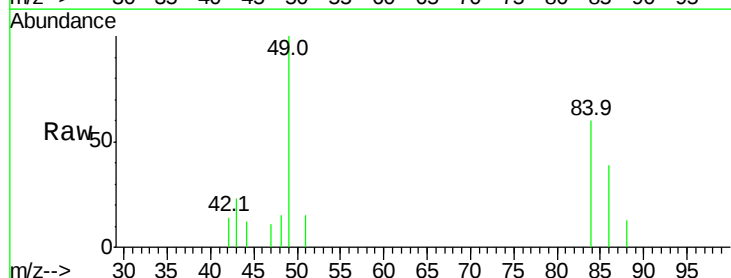
Tgt Ion: 88 Resp: 127

Ion Ratio Lower Upper

88 100

58 0.0 79.4 119.2#

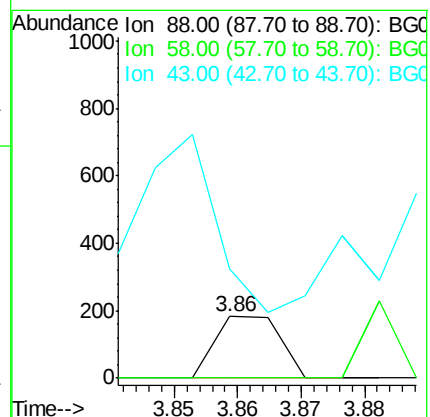
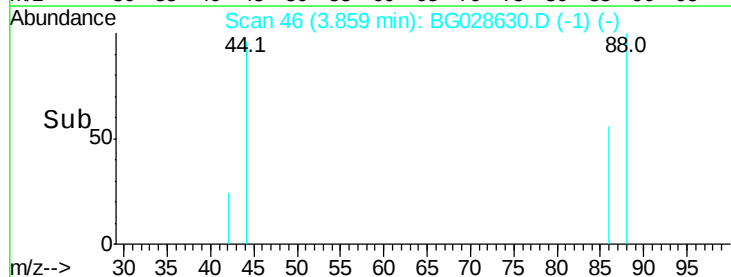
43 556.7 33.8 50.6#

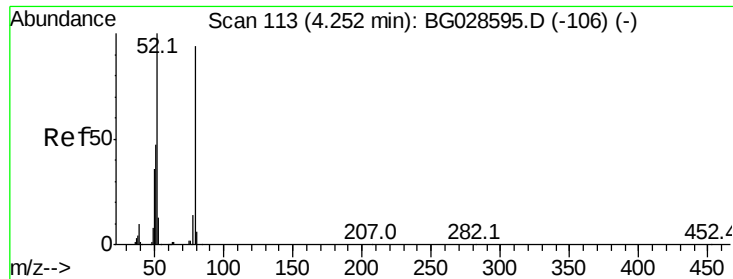


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

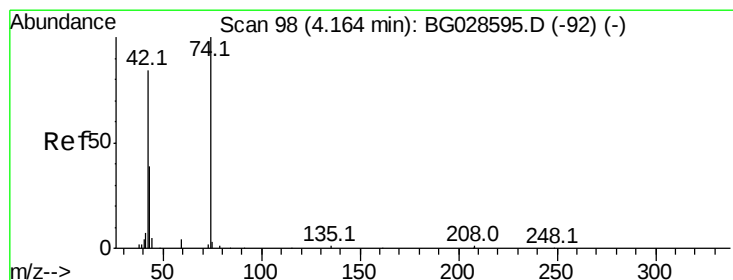
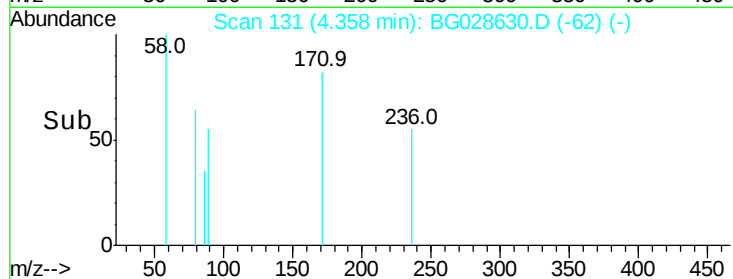
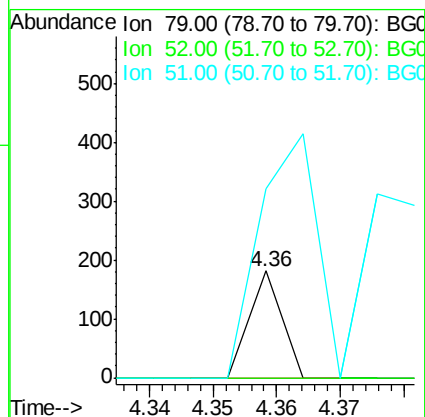
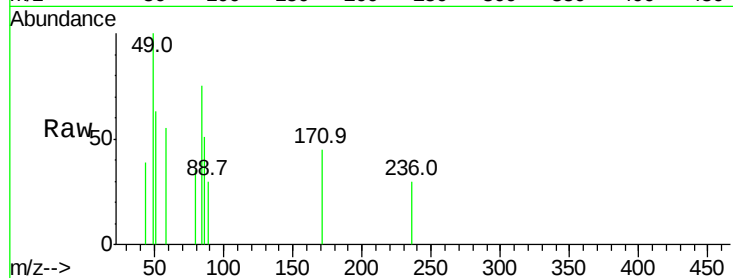




#3
 Pvridine
 Concen: 0.027 ng
 RT: 4.36 min Scan# 131
 Delta R.T. 0.11 min
 Lab File: BG028630.D
 Acq: 10 Sep 2017 00:52

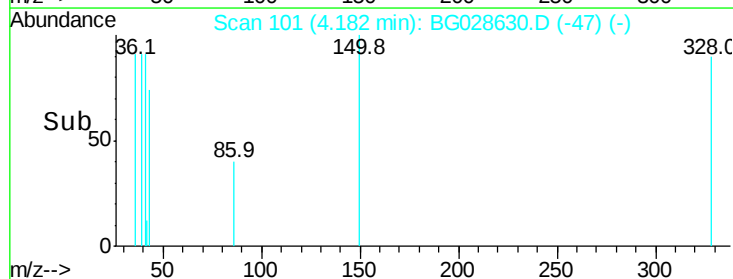
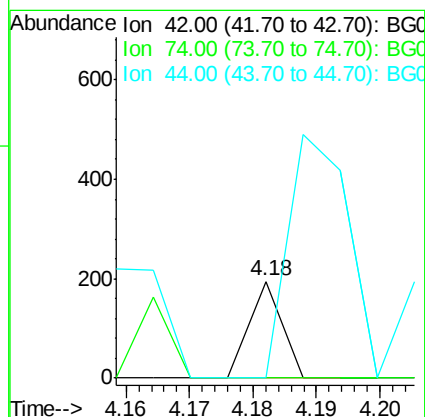
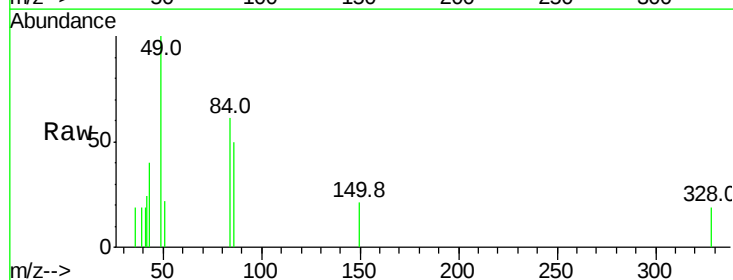
Instrument :
 BNA_G
 ClientSampleId :

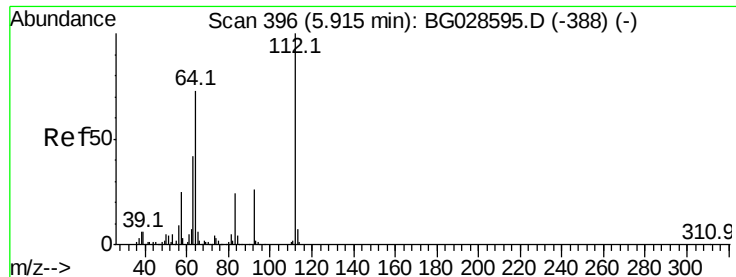
Tot Ion: 79 Resp: 64
 Ion Ratio Lower Upper
 79 100
 52 0.0 77.8 116.6#
 51 177.9 43.2 64.8#



#4
 n-Nitrosodimethylamine
 Concen: 0.060 ng
 RT: 4.18 min Scan# 101
 Delta R.T. 0.02 min
 Lab File: BG028630.D
 Acq: 10 Sep 2017 00:52

Tgt Ion: 42 Resp: 68
 Ion Ratio Lower Upper
 42 100
 74 0.0 76.7 115.1#
 44 0.0 6.1 9.1#





#5

2-Fluorophenol

Concen: 40.082 ng

RT: 5.90 min Scan# 394

Delta R.T. -0.01 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

Instrument :

BNA_G

ClientSampleId :

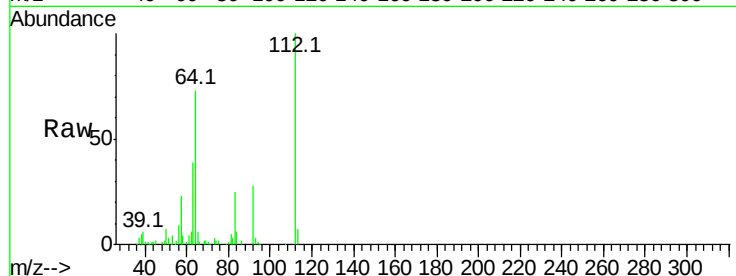
Tot Ion:112 Resp: 75111

Ion Ratio Lower Upper

112 100

64 72.8 61.8 92.6

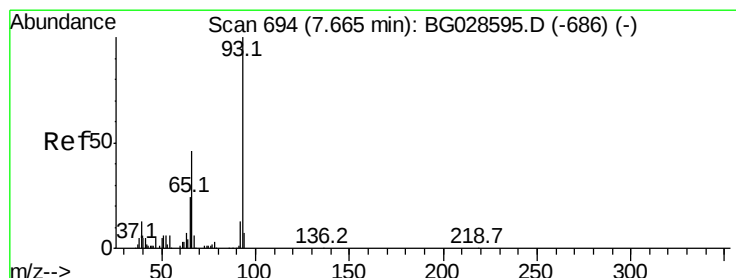
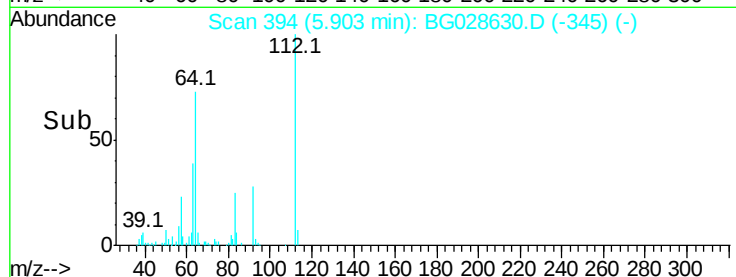
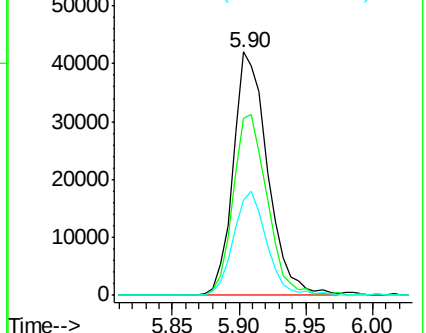
63 38.8 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.016 ng

RT: 7.67 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

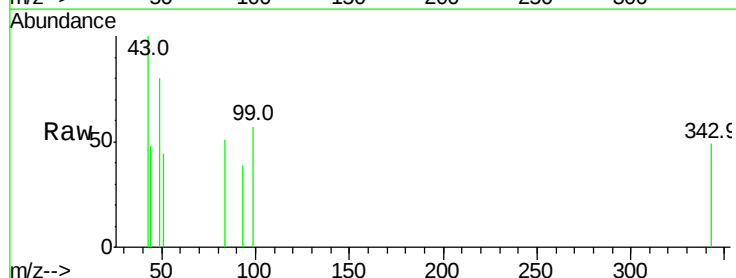
Tgt Ion: 93 Resp: 55

Ion Ratio Lower Upper

93 100

66 0.0 35.4 53.2#

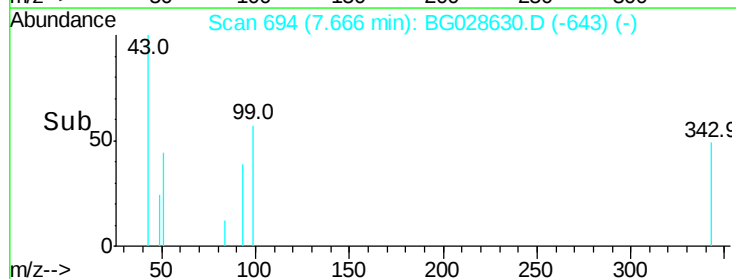
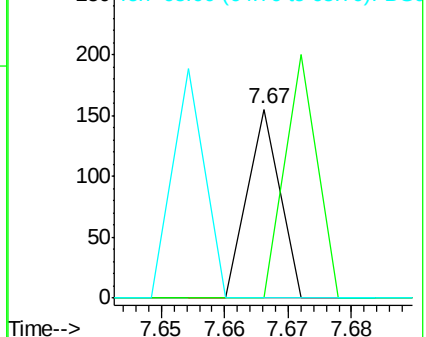
65 0.0 21.2 31.8#

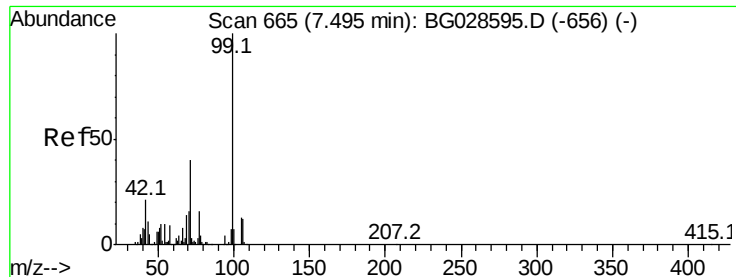


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 22.665 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

Instrument :

BNA_G

ClientSampleId :

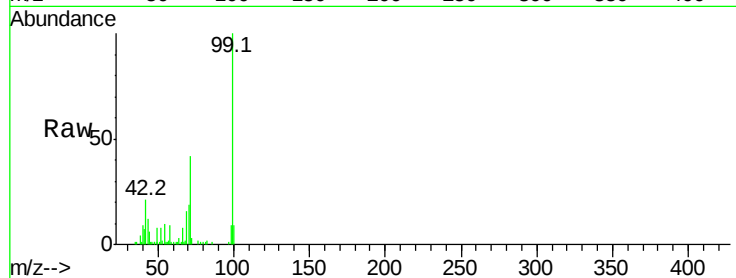
Tot Ion: 99 Resp: 61606

Ion Ratio Lower Upper

99 100

42 21.1 20.5 30.7

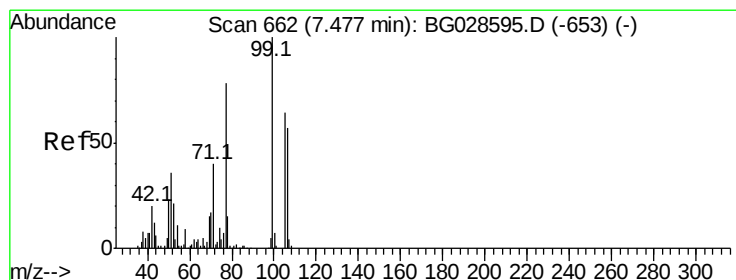
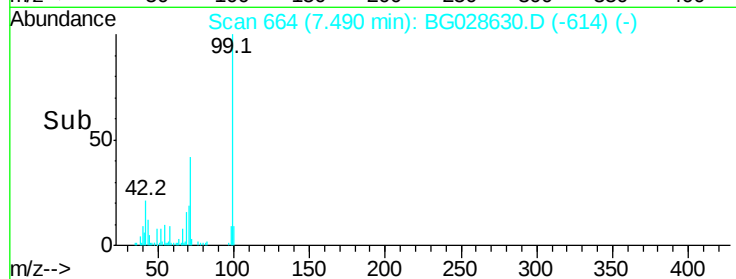
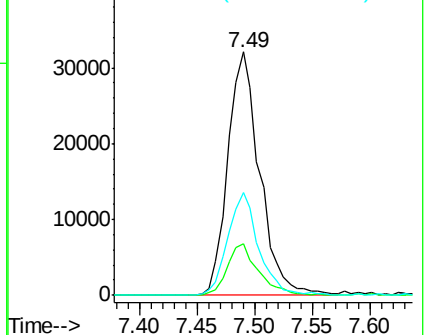
71 42.1 37.6 56.4



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: 0.037 ng

RT: 7.61 min Scan# 685

Delta R.T. 0.14 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

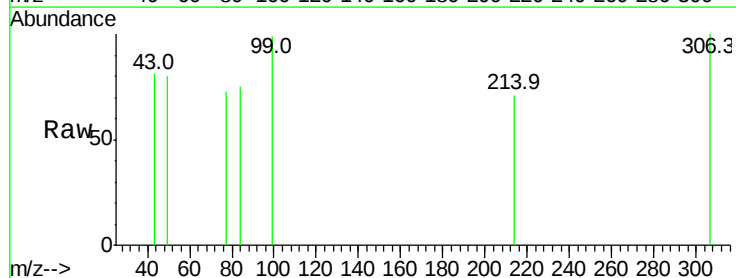
Tgt Ion: 77 Resp: 59

Ion Ratio Lower Upper

77 100

105 0.0 60.9 100.9#

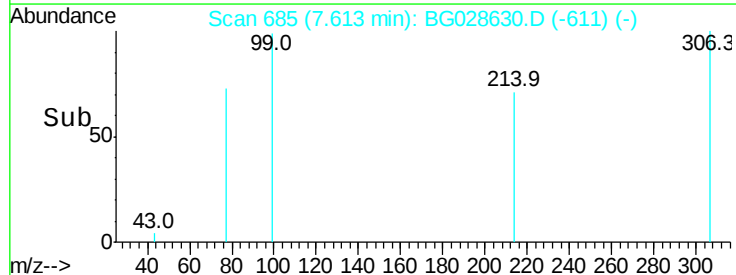
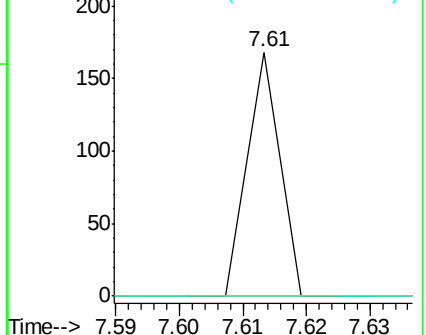
106 0.0 55.1 95.1#

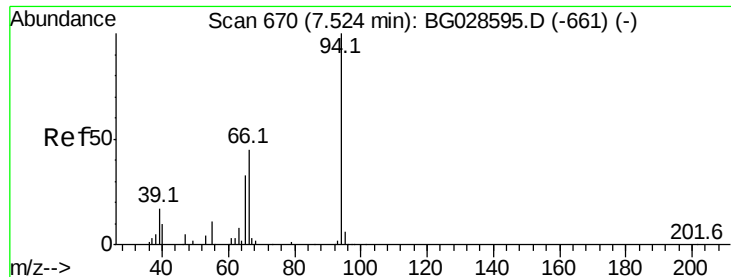


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 0.729 ng

RT: 7.52 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

Instrument :

BNA_G

ClientSampleId :

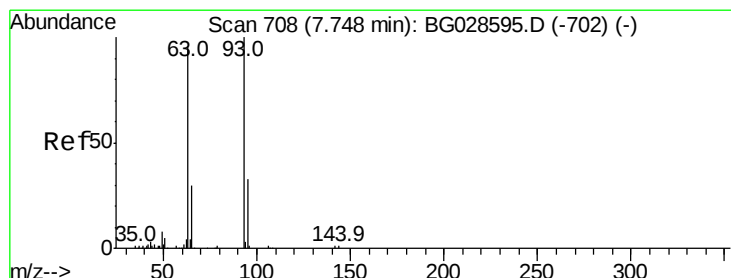
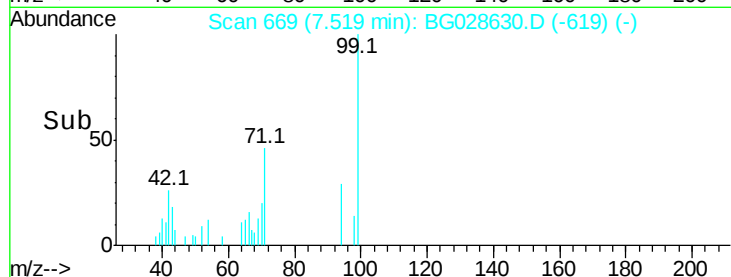
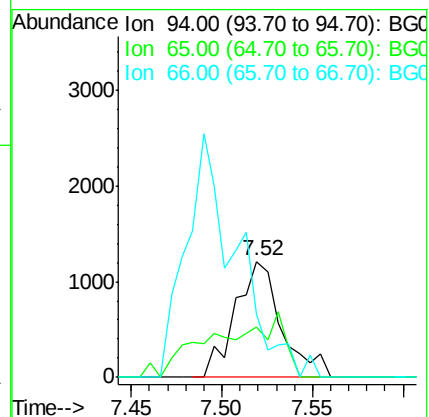
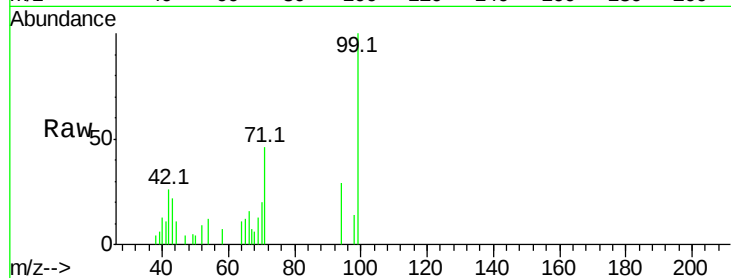
Tot Ion: 94 Resp: 2145

Ion Ratio Lower Upper

94 100

65 43.0 20.6 60.6

66 54.6 35.5 75.5



#11

bis(2-Chloroethyl)ether

Concen: 0.025 ng

RT: 7.67 min Scan# 694

Delta R.T. -0.08 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

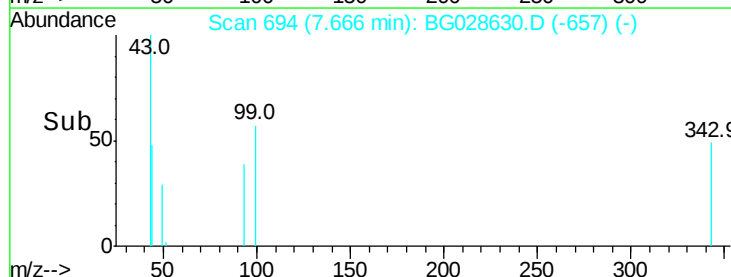
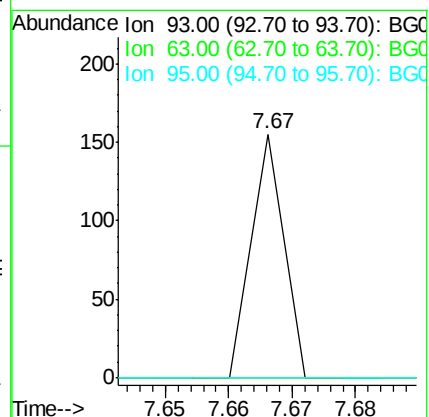
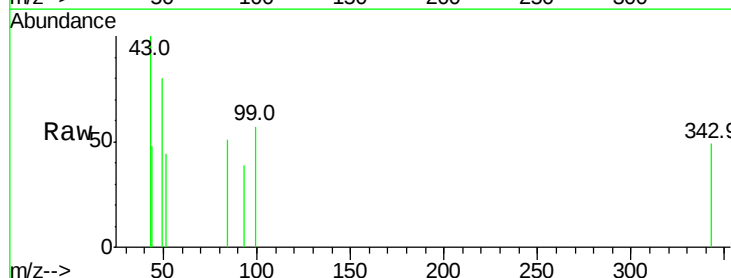
Tgt Ion: 93 Resp: 55

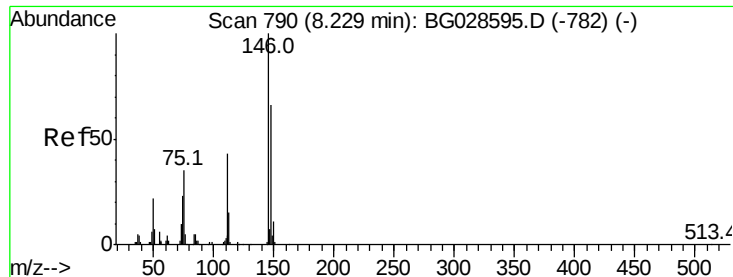
Ion Ratio Lower Upper

93 100

63 0.0 78.5 118.5#

95 0.0 9.8 49.8#





#12

1,3-Dichlorobenzene

Concen: 0.024 ng

RT: 8.23 min Scan# 790

Delta R.T. 0.00 min

Lab File: BG028630.D

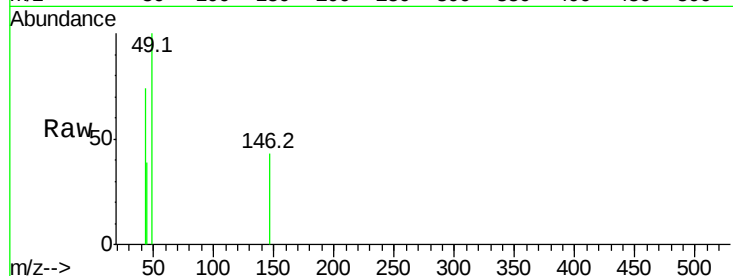
Acq: 10 Sep 2017 00:52

Instrument :

BNA_G

ClientSampleId :

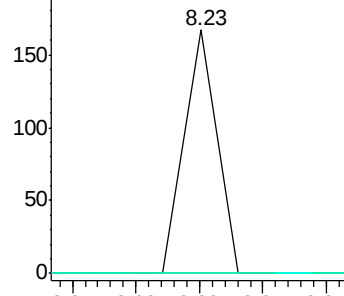
Tot Ion:146	Resp:	59
Ion Ratio	Lower	Upper
146	100	
148	0.0	49.2 73.8#
75	0.0	33.4 50.2#



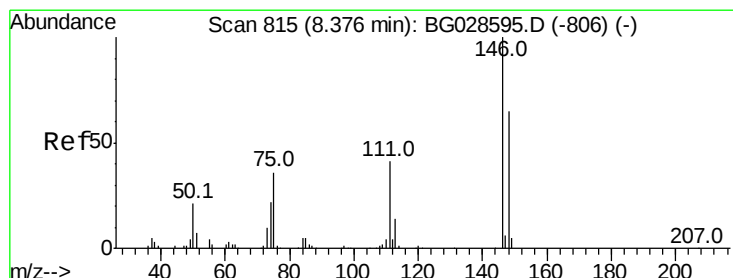
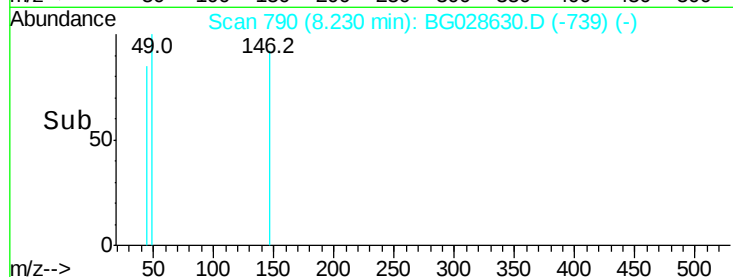
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): B



Time--> 8.21 8.22 8.23 8.24 8.25



#13

1,4-Dichlorobenzene

Concen: 0.024 ng

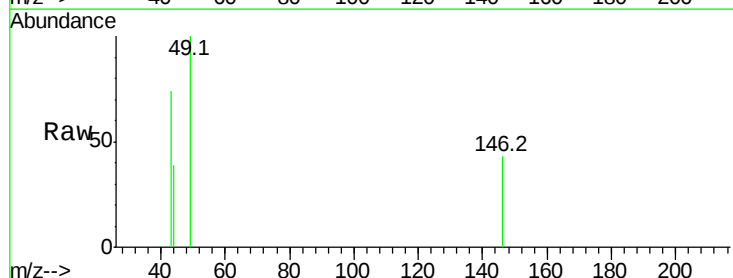
RT: 8.23 min Scan# 790

Delta R.T. -0.15 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

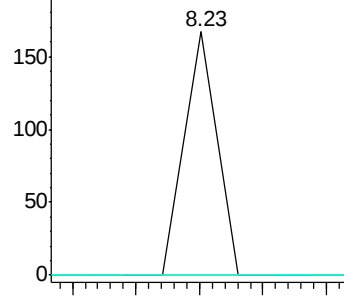
Tgt Ion:146	Resp:	59
Ion Ratio	Lower	Upper
146	100	
148	0.0	52.2 78.2#
111	0.0	37.0 55.6#



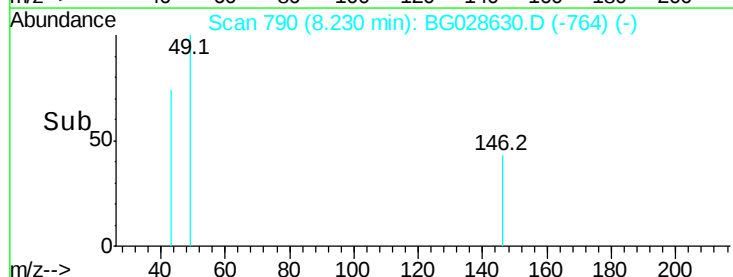
Abundance Ion 146.00 (145.70 to 146.70): E

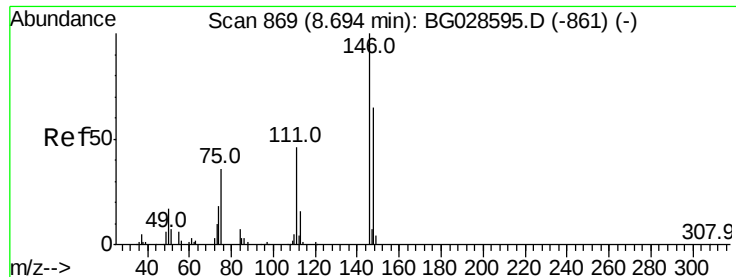
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



Time--> 8.21 8.22 8.23 8.24 8.25





#14

1,2-Dichlorobenzene

Concen: 0.026 ng

RT: 8.66 min Scan# 864

Delta R.T. -0.03 min

Lab File: BG028630.D

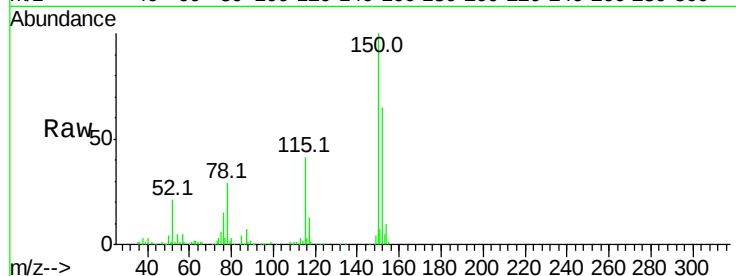
Acq: 10 Sep 2017 00:52

Instrument :

BNA_G

ClientSampleId :

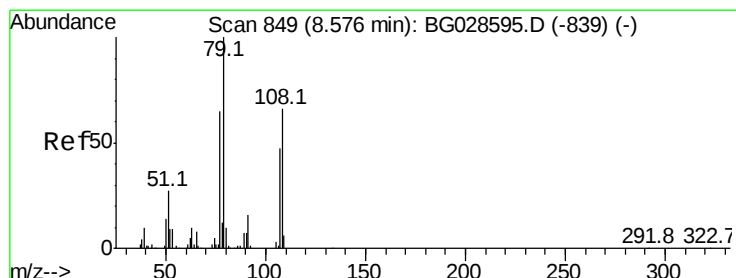
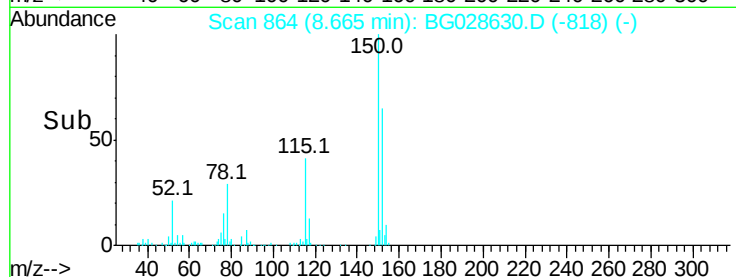
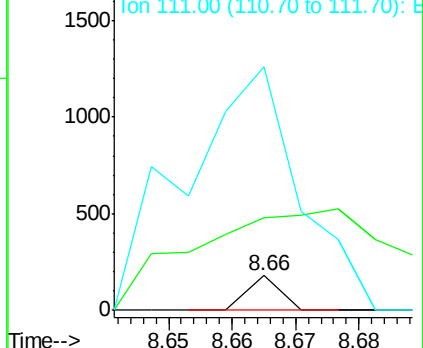
Tot Ion:146	Resp:	63
Ion	Ratio	Lower Upper
146	100	
148	266.7	54.6 81.8#
111	700.0	39.7 59.5#



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: 1.895 ng

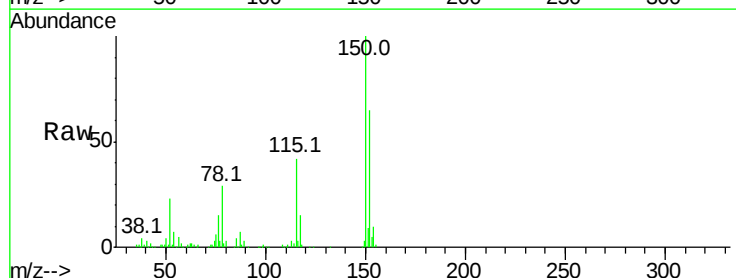
RT: 8.66 min Scan# 863

Delta R.T. 0.08 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

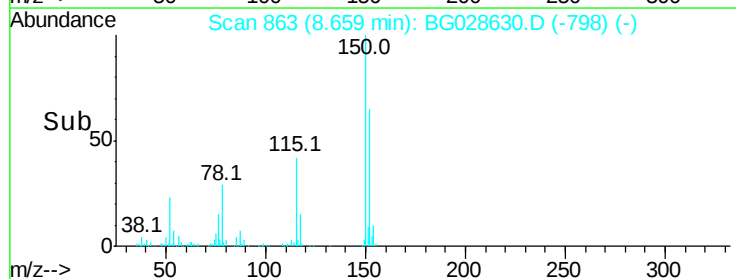
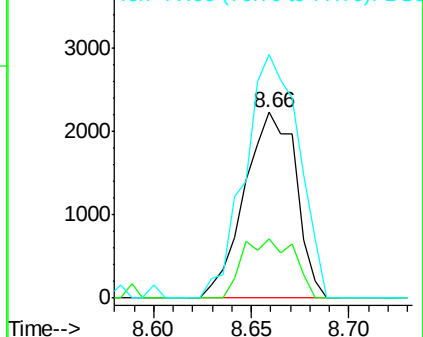
Tgt Ion: 79	Resp:	4083
Ion	Ratio	Lower Upper
79	100	
108	31.8	45.5 68.3#
77	131.1	54.3 81.5#

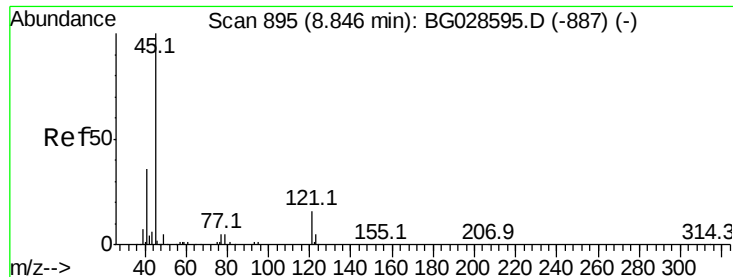


Abundance Ion 79.00 (78.70 to 79.70): BGC

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: 0.012 ng

RT: 9.07 min Scan# 933

Delta R.T. 0.22 min

Lab File: BG028630.D

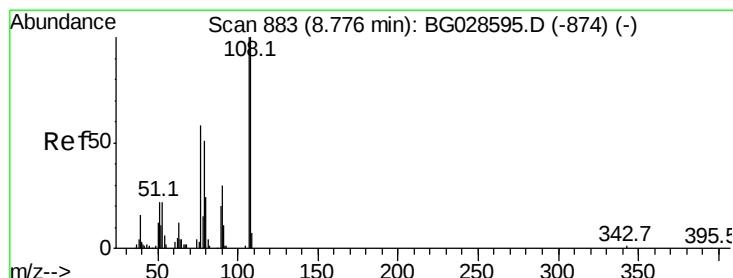
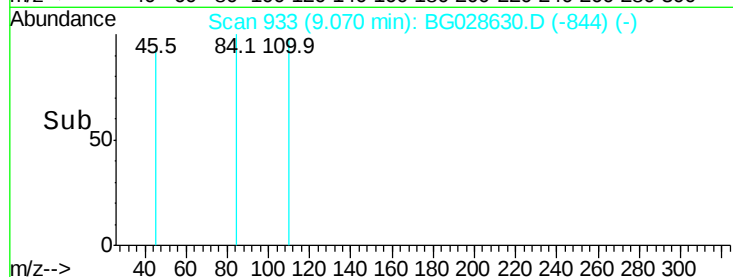
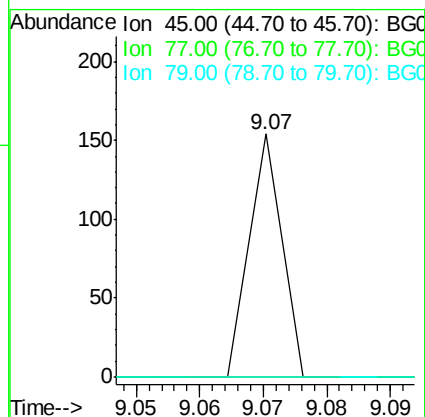
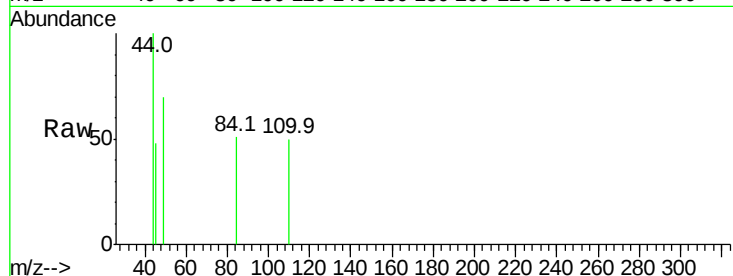
Acq: 10 Sep 2017 00:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	45	Resp:	54
Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	30.6
79	0.0	0.0	28.5



#17

2-Methylphenol

Concen: 0.029 ng

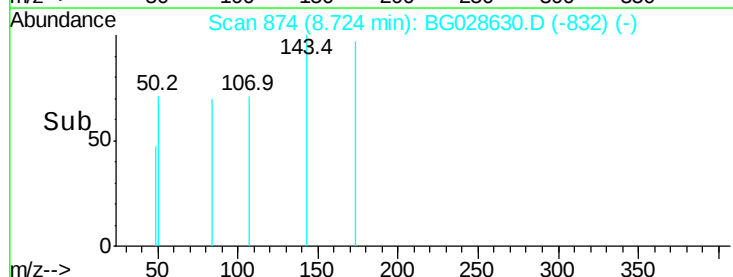
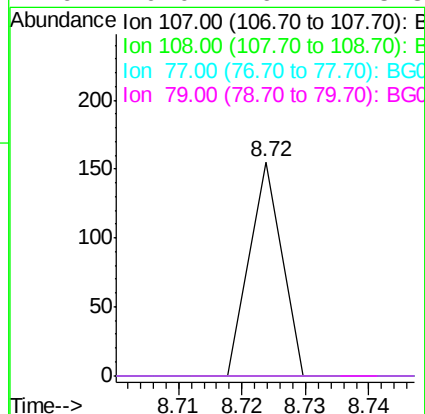
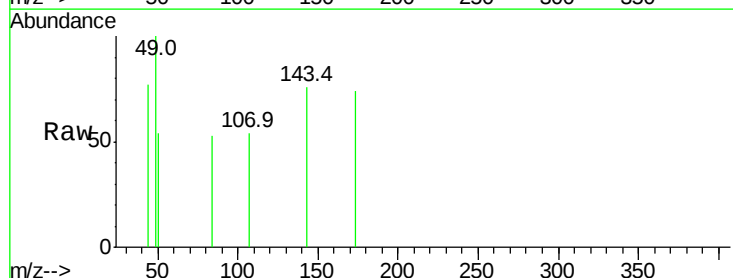
RT: 8.72 min Scan# 874

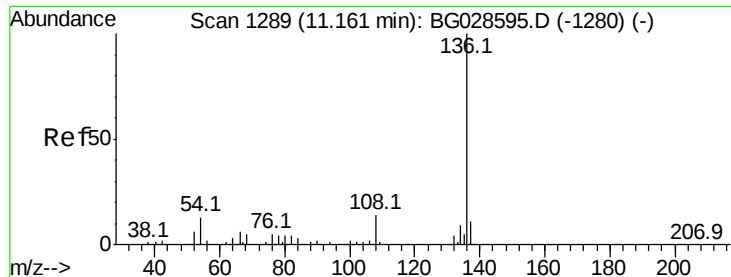
Delta R.T. -0.05 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

Tgt Ion:	107	Resp:	55
Ion	Ratio	Lower	Upper
107	100		
108	0.0	85.6	128.4#
77	0.0	51.4	77.2#
79	0.0	49.2	73.8#

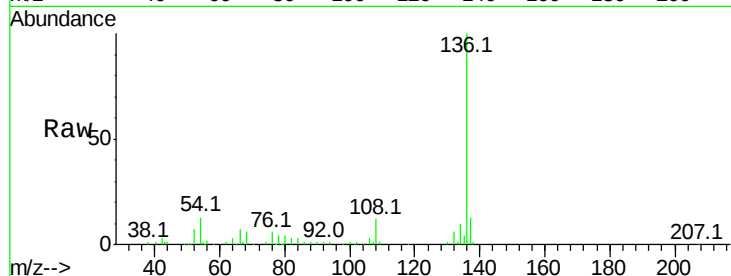




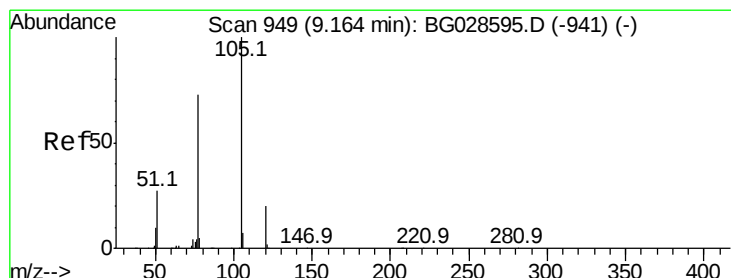
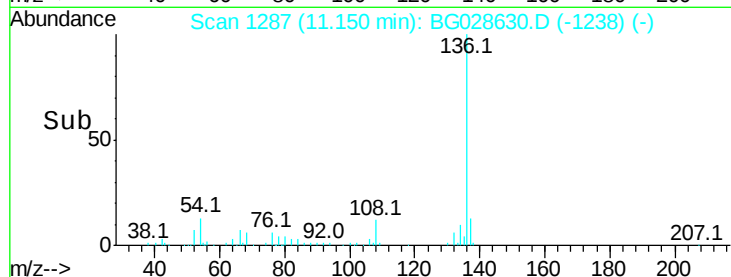
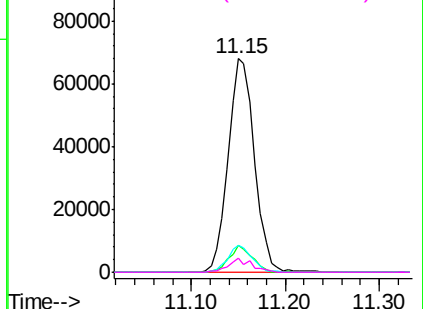
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG028630.D
Acq: 10 Sep 2017 00:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	131508
Ion	Ratio	Lower	Upper
136	100		
137	12.7	8.9	13.3
54	12.7	9.3	13.9
68	6.5	5.1	7.7

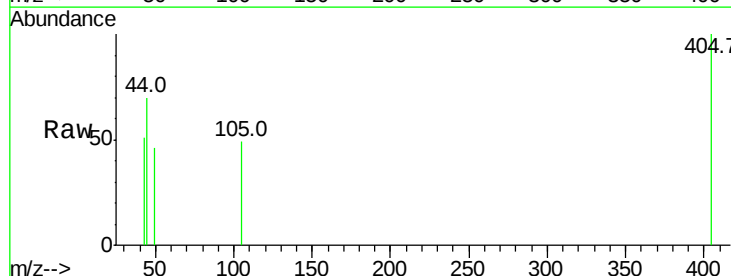


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

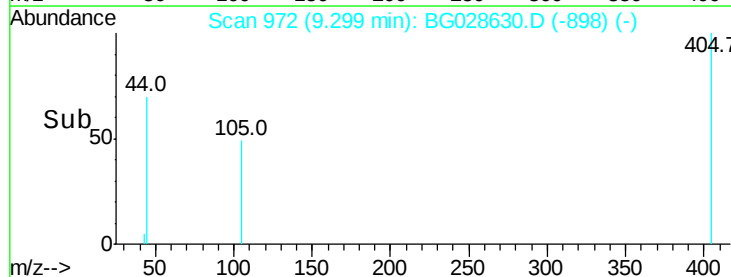
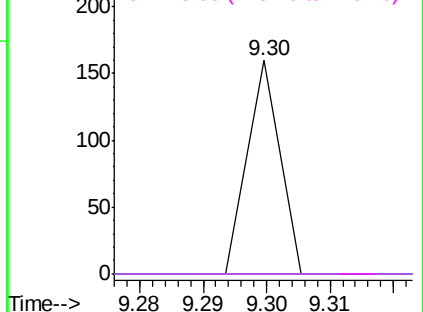


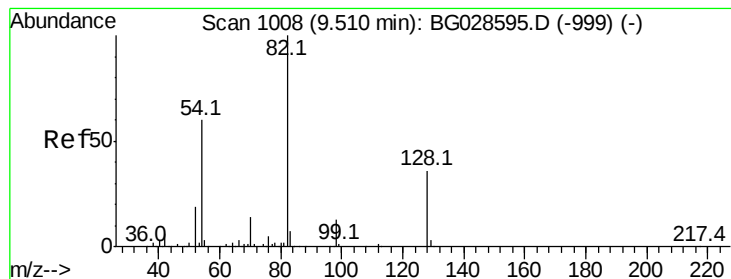
#22
Acetophenone
Concen: 0.015 ng
RT: 9.30 min Scan# 972
Delta R.T. 0.14 min
Lab File: BG028630.D
Acq: 10 Sep 2017 00:52

Tgt Ion:	105	Resp:	56
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): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 84.618 ng

RT: 9.51 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

Instrument :

BNA_G

ClientSampleId :

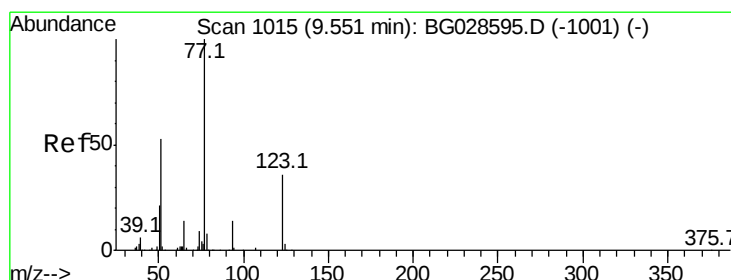
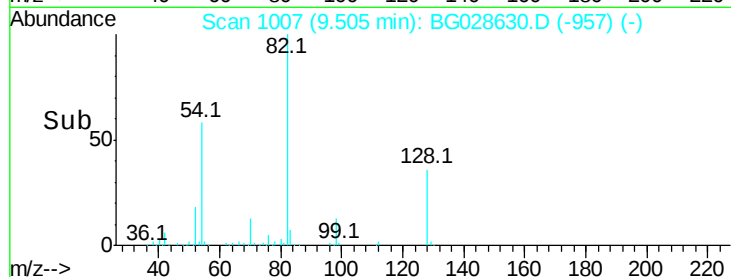
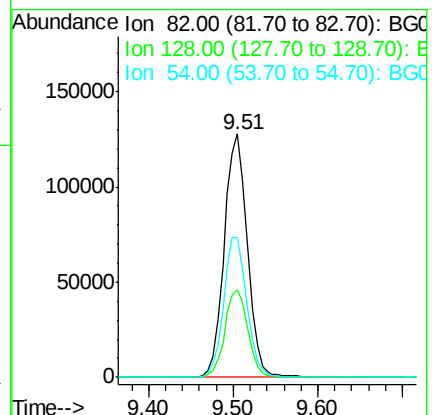
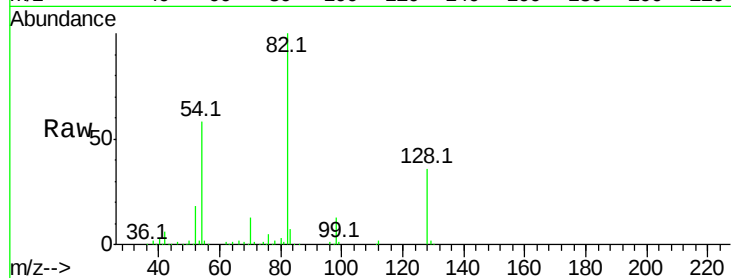
Tot Ion: 82 Resp: 242346

Ion Ratio Lower Upper

82 100

128 36.1 26.4 39.6

54 57.6 49.4 74.2



#24

Nitrobenzene

Concen: 0.235 ng

RT: 9.51 min Scan# 1007

Delta R.T. -0.05 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

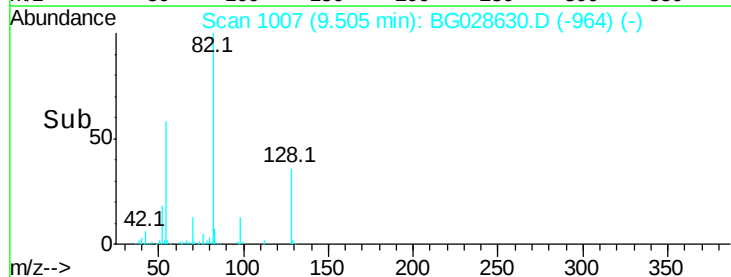
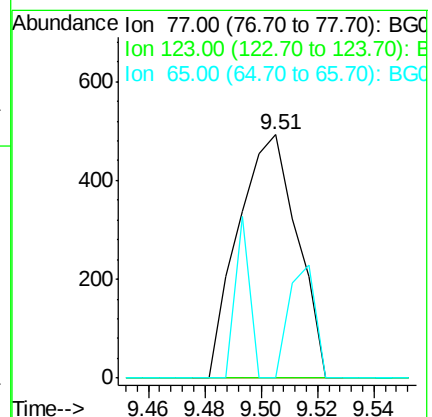
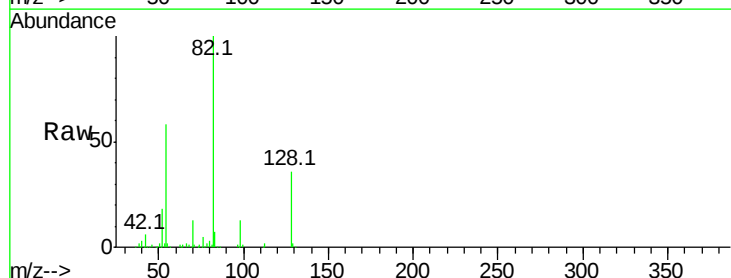
Tgt Ion: 77 Resp: 711

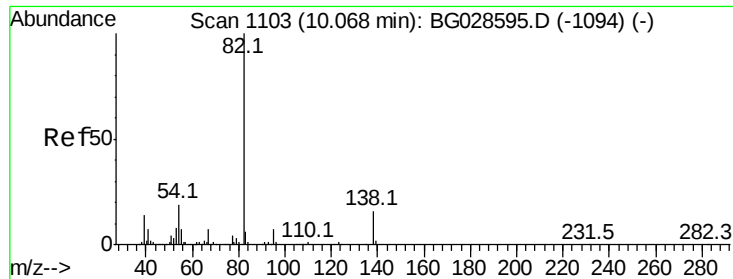
Ion Ratio Lower Upper

77 100

123 0.0 26.1 39.1#

65 0.0 12.4 18.6#





#25

Isophorone

Concen: 0.011 ng

RT: 10.06 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

Instrument :

BNA_G

ClientSampleId :

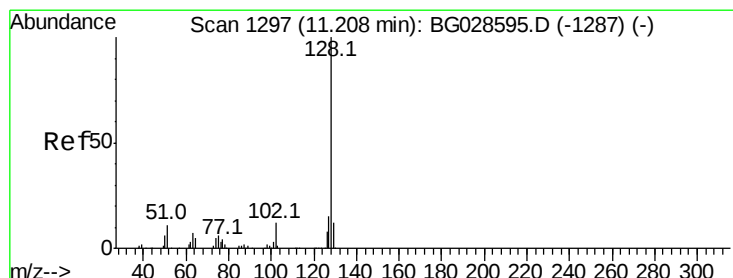
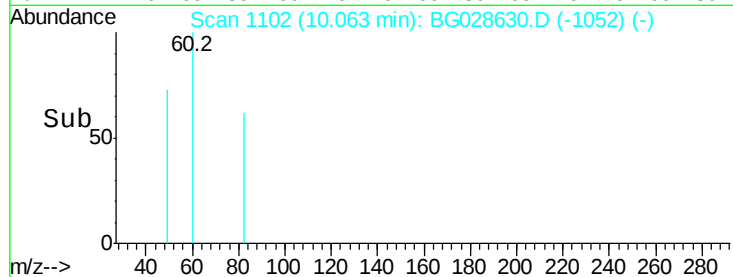
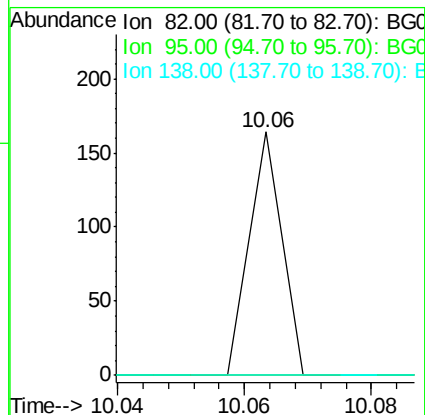
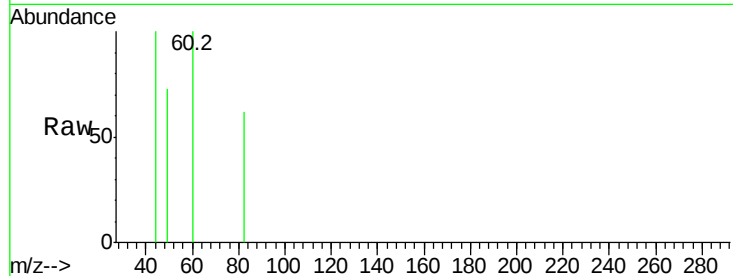
Tot Ion: 82 Resp: 58

Ion Ratio Lower Upper

82 100

95 0.0 7.5 11.3#

138 0.0 12.3 18.5#



#31

Naphthalene

Concen: 0.010 ng

RT: 11.20 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

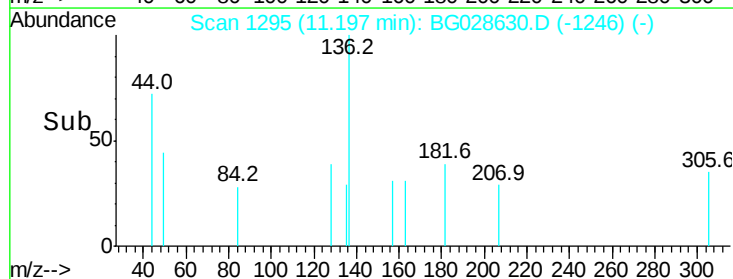
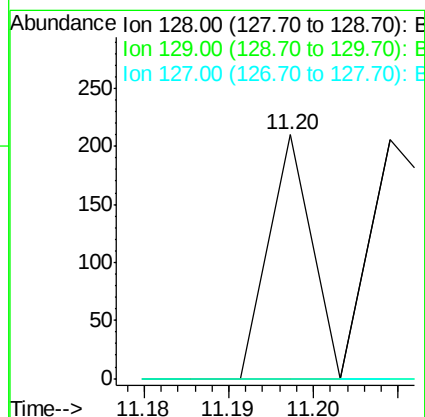
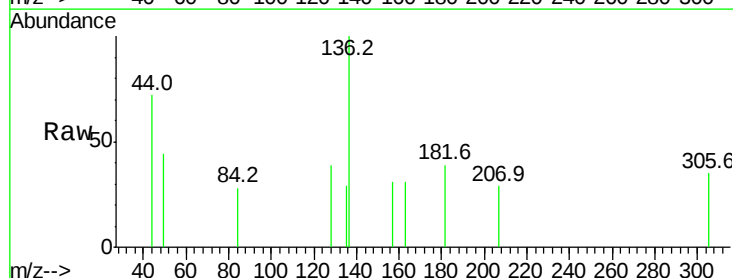
Tgt Ion: 128 Resp: 74

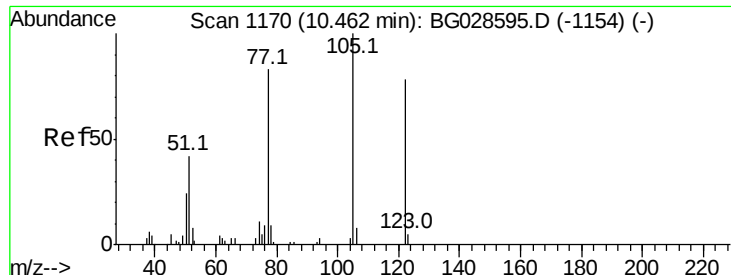
Ion Ratio Lower Upper

128 100

129 0.0 9.3 13.9#

127 0.0 11.4 17.0#





#32

Benzoic acid

Concen: 0.040 ng

RT: 10.67 min Scan# 1205

Delta R.T. 0.21 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

Instrument :

BNA_G

ClientSampled :

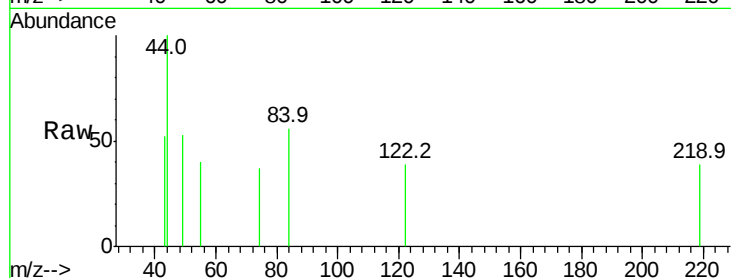
Tot Ion:122 Resp: 57

Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

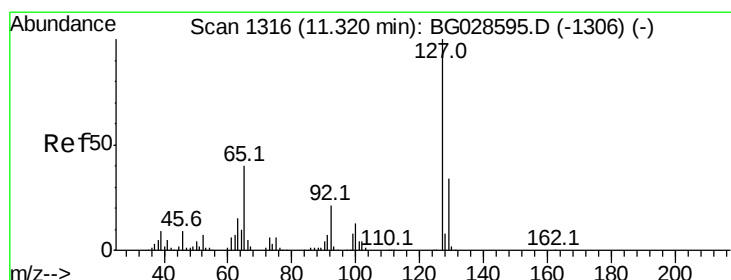
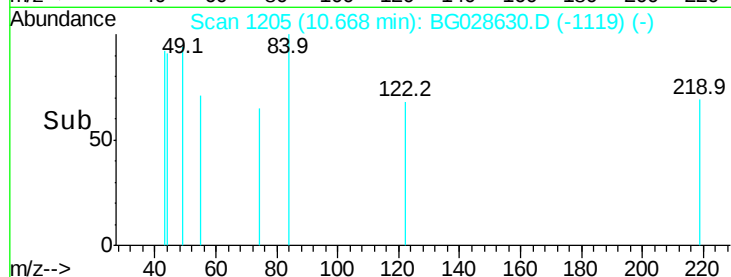
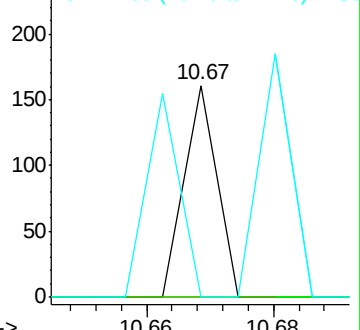
77 0.0 104.6 144.6#



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: 0.021 ng

RT: 11.35 min Scan# 1321

Delta R.T. 0.03 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

Tgt Ion:127 Resp: 64

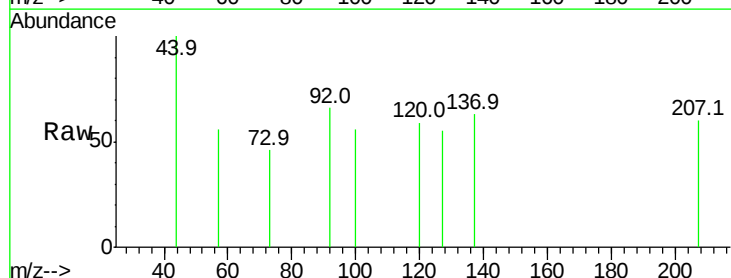
Ion Ratio Lower Upper

127 100

129 0.0 23.6 35.4#

65 0.0 37.7 56.5#

92 120.4 17.6 26.4#

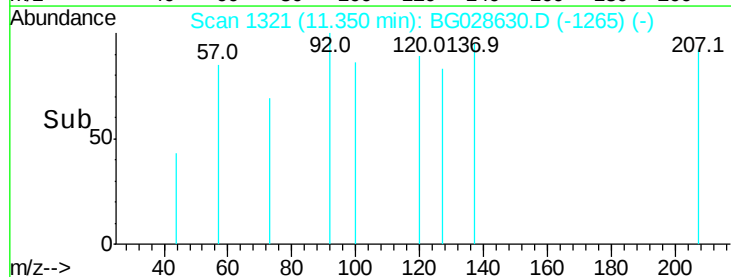
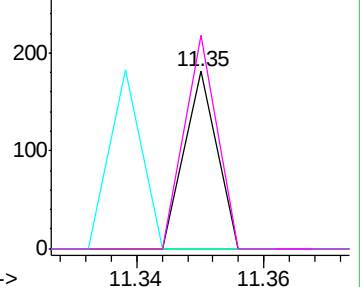


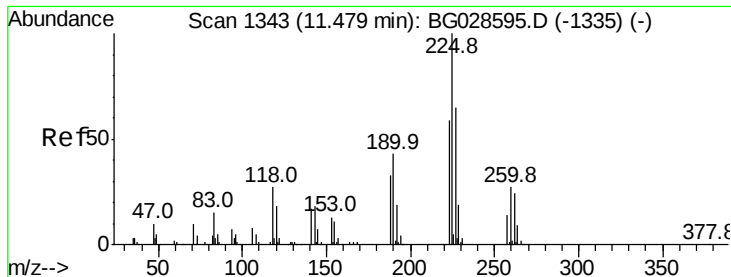
Abundance Ion 127.00 (126.70 to 127.70): E

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

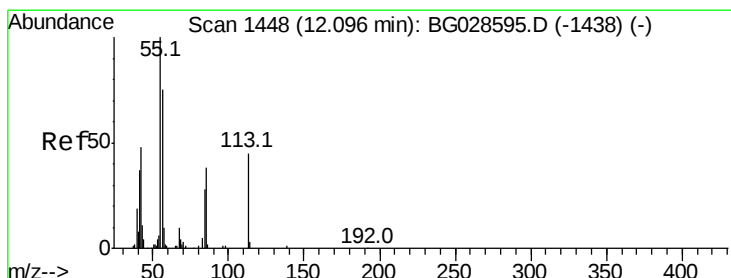
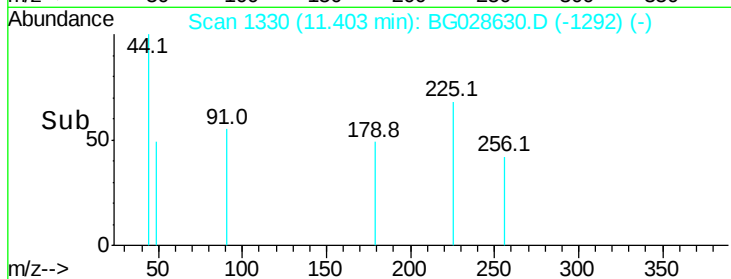
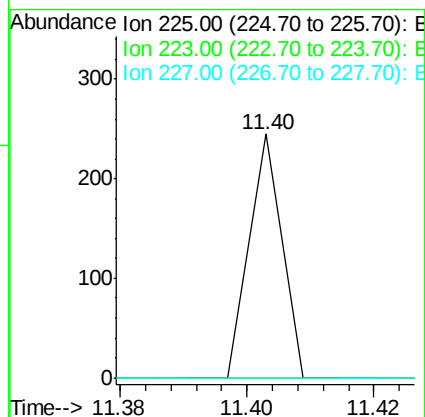
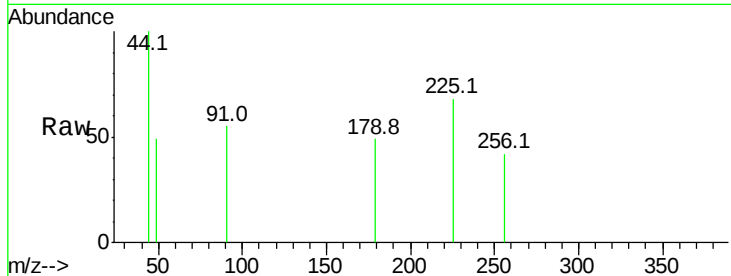




#34
Hexachlorobutadiene
Concen: 0.043 ng
RT: 11.40 min Scan# 1330
Delta R.T. -0.08 min
Lab File: BG028630.D
Acq: 10 Sep 2017 00:52

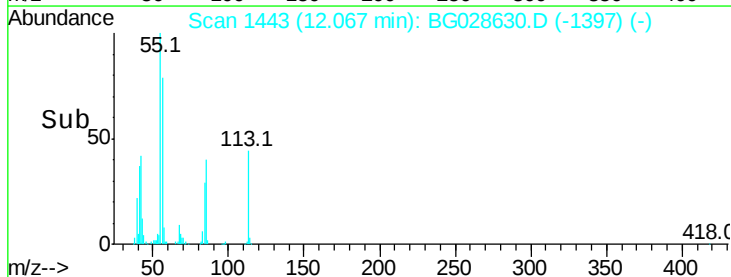
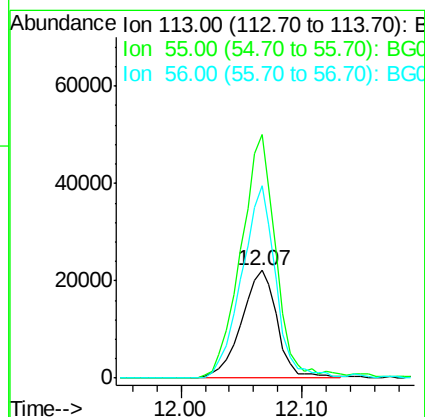
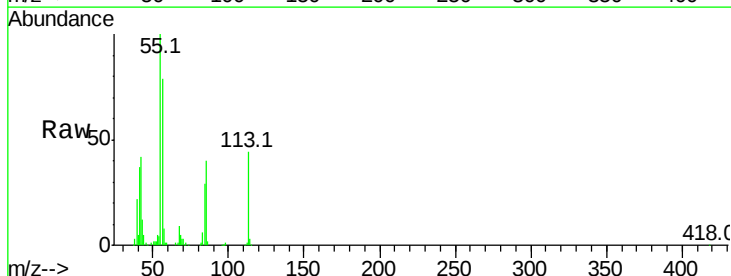
Instrument :
BNA_G
ClientSampleId :

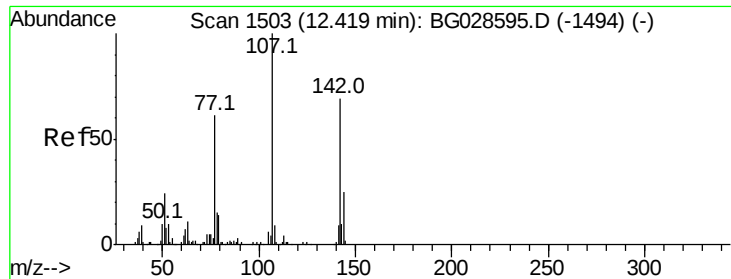
Tot Ion:225 Resp: 86
Ion Ratio Lower Upper
225 100
223 0.0 50.7 76.1#
227 0.0 49.0 73.6#



#35
Caprolactam
Concen: 53.927 ng
RT: 12.07 min Scan# 1443
Delta R.T. -0.03 min
Lab File: BG028630.D
Acq: 10 Sep 2017 00:52

Tgt Ion:113 Resp: 45415
Ion Ratio Lower Upper
113 100
55 226.3 198.6 238.6
56 179.2 140.4 180.4

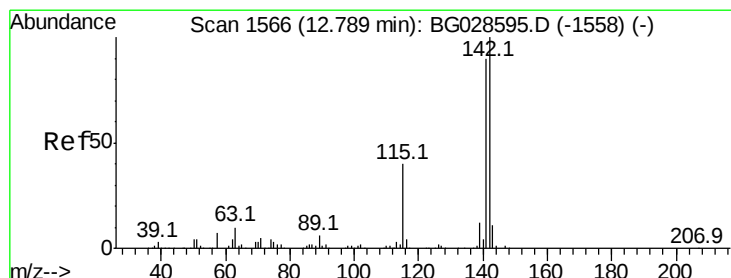
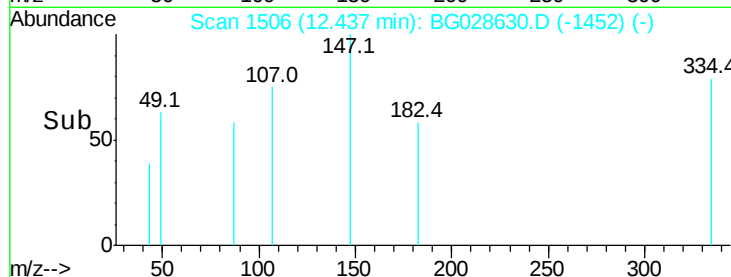
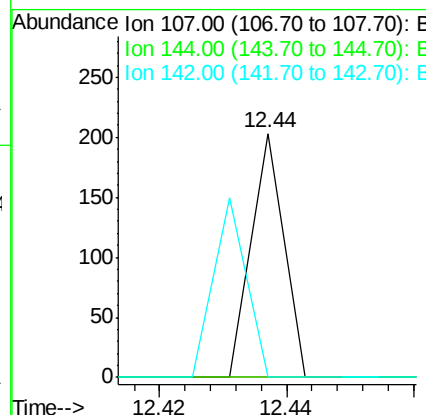
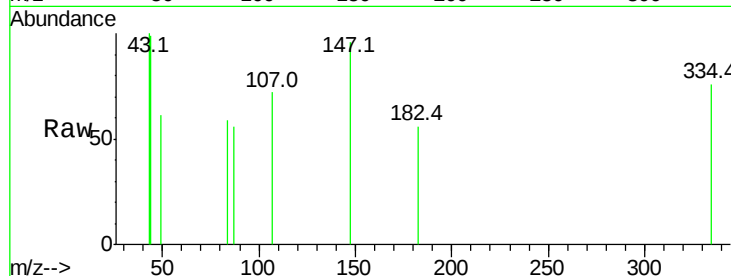




#36
4-Chloro-3-methylphenol
Concen: 0.025 ng
RT: 12.44 min Scan# 1506
Delta R.T. 0.02 min
Lab File: BG028630.D
Acq: 10 Sep 2017 00:52

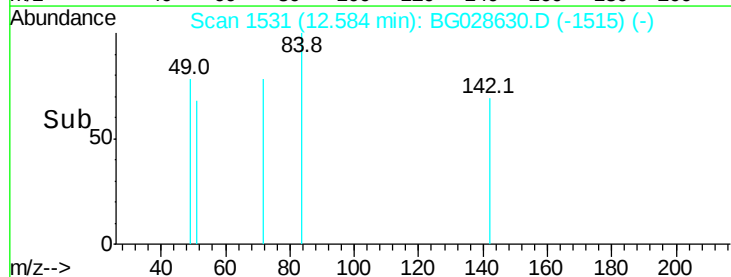
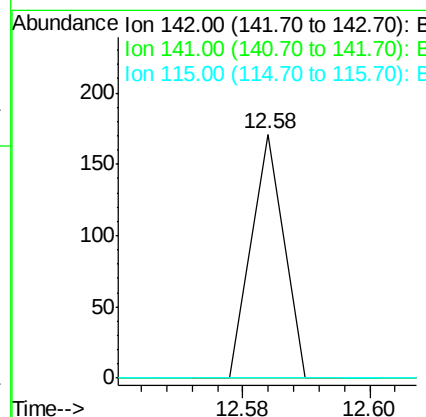
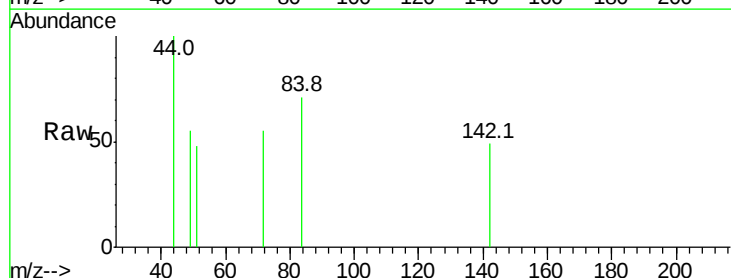
Instrument :
BNA_G
ClientSampleId :

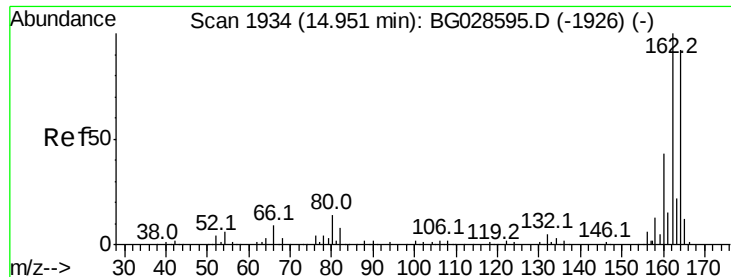
Tot Ion:107 Resp: 72
Ion Ratio Lower Upper
107 100
144 0.0 17.4 26.0#
142 0.0 54.1 81.1#



#37
2-Methylnaphthalene
Concen: 0.011 ng
RT: 12.58 min Scan# 1531
Delta R.T. -0.20 min
Lab File: BG028630.D
Acq: 10 Sep 2017 00:52

Tgt Ion:142 Resp: 60
Ion Ratio Lower Upper
142 100
141 0.0 70.4 105.6#
115 0.0 35.5 53.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.95 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

Instrument :

BNA_G

ClientSampleId :

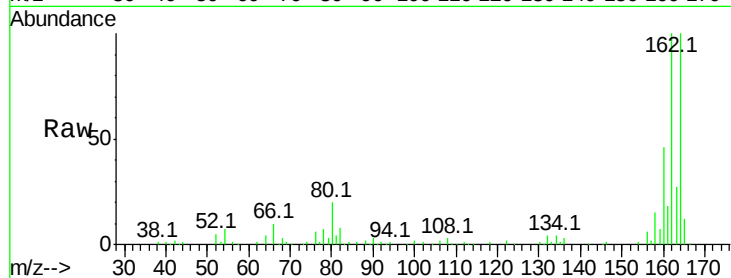
Tot Ion:164 Resp: 95420

Ion Ratio Lower Upper

164 100

162 100.4 85.1 127.7

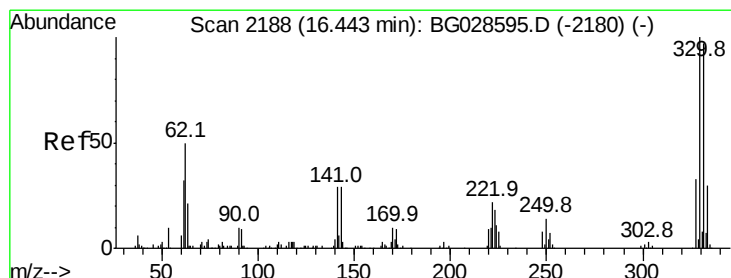
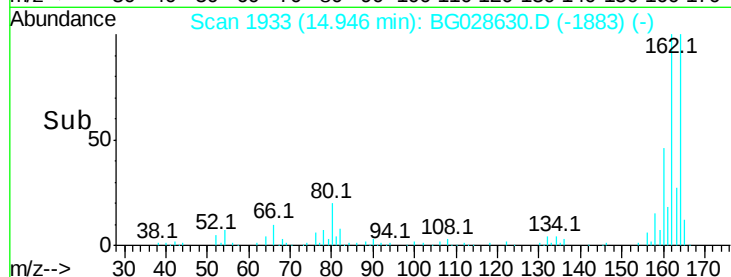
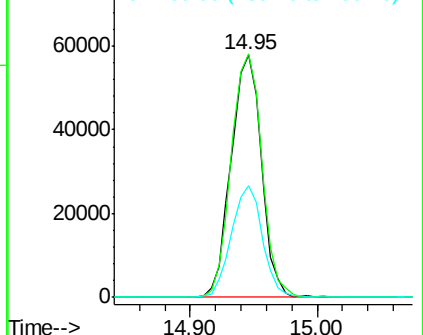
160 46.0 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 102.723 ng

RT: 16.44 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

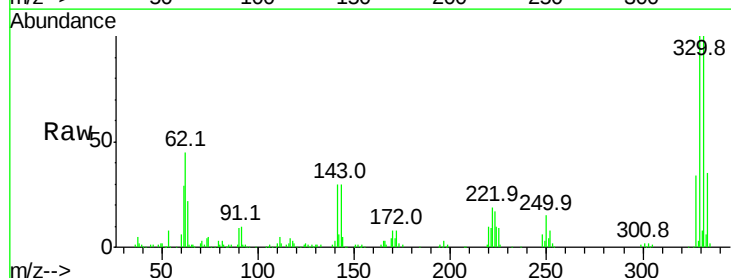
Tgt Ion:330 Resp: 148978

Ion Ratio Lower Upper

330 100

332 95.6 77.3 115.9

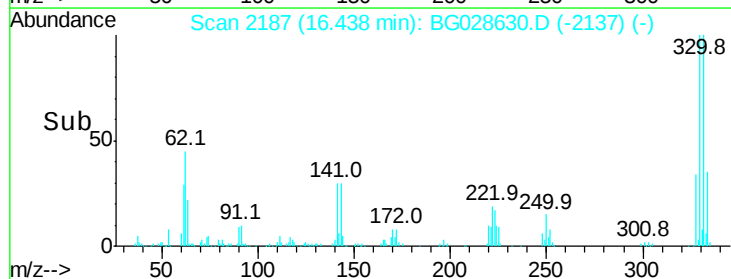
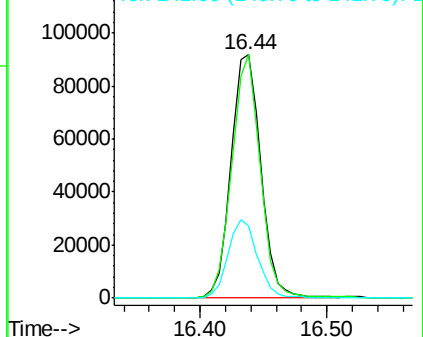
141 32.3 32.1 48.1

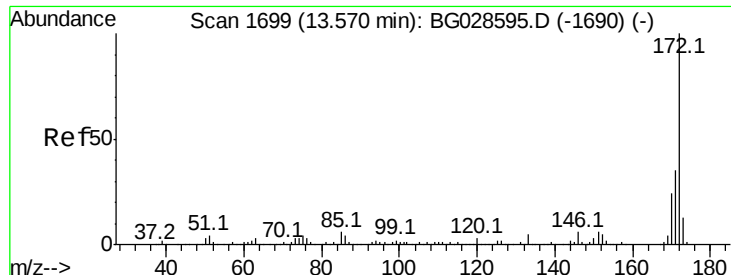


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

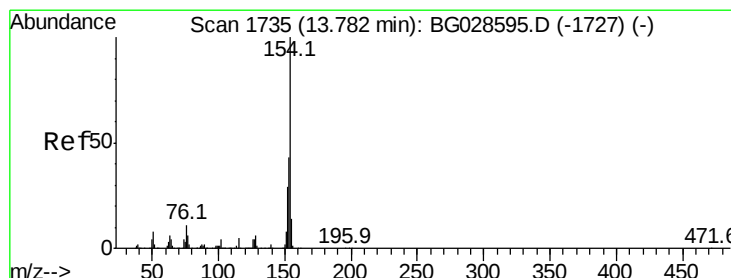
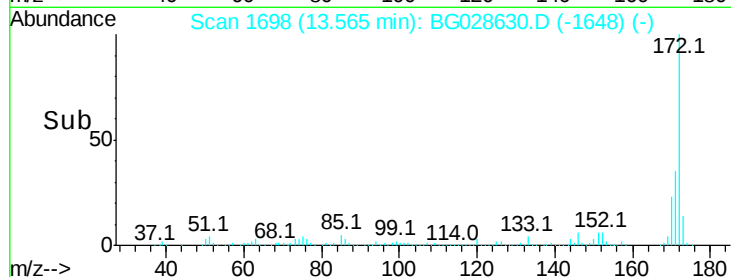
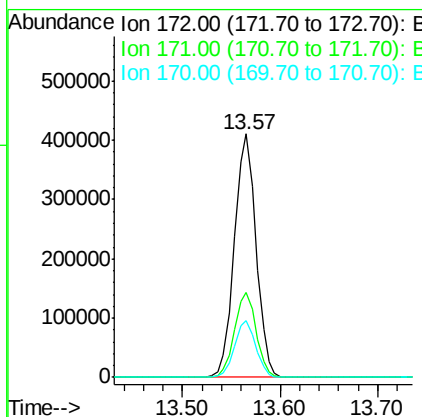
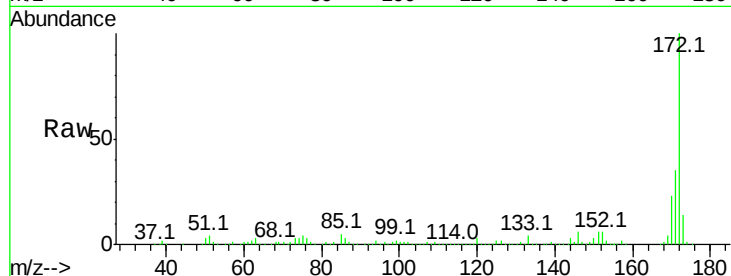




#44
 2-Fluorobiphenyl
 Concen: 86.661 ng
 RT: 13.57 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG028630.D
 Acq: 10 Sep 2017 00:52

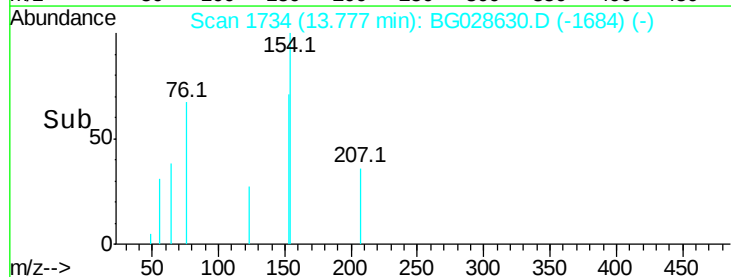
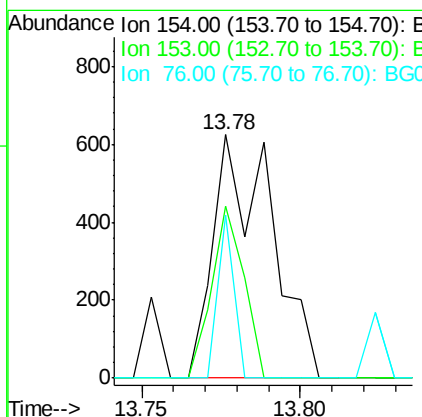
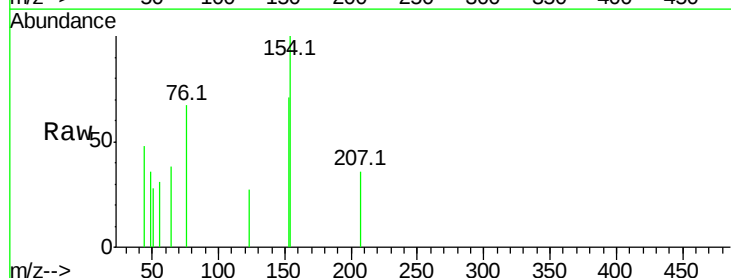
Instrument :
 BNA_G
 ClientSampleId :

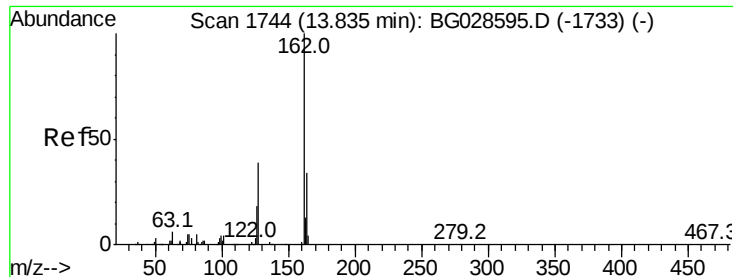
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	32.2	48.2
170	23.5	21.8	32.6



#45
 1,1'-Biphenyl
 Concen: 0.099 ng
 RT: 13.78 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG028630.D
 Acq: 10 Sep 2017 00:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	70.6	23.0	63.0#
76	66.9	0.0	33.5#

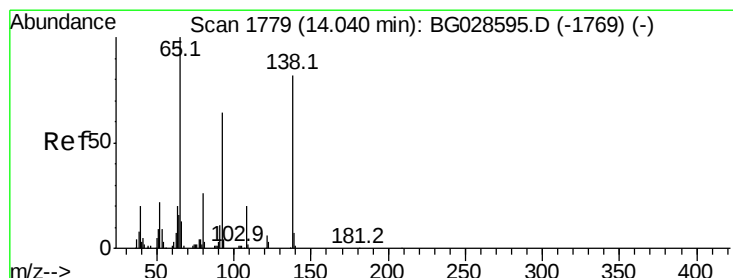
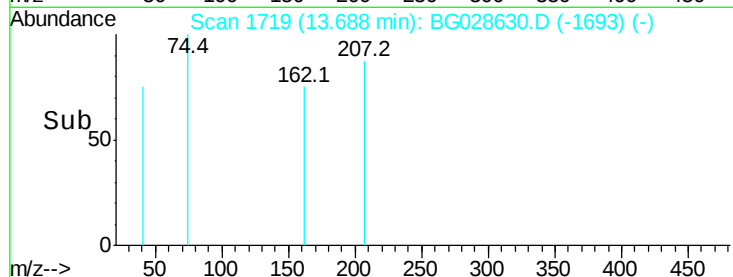
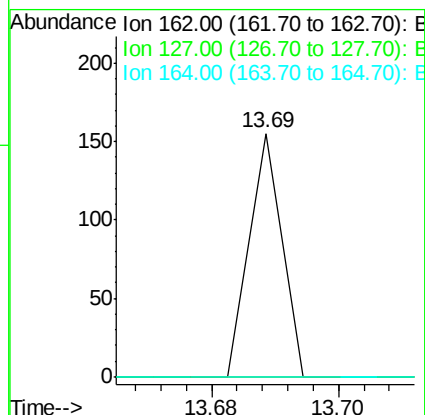
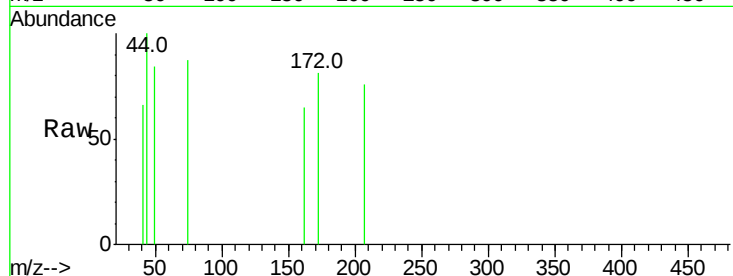




#46
2-Chloronaphthalene
Concen: 0.009 ng
RT: 13.69 min Scan# 1719
Delta R.T. -0.15 min
Lab File: BG028630.D
Acq: 10 Sep 2017 00:52

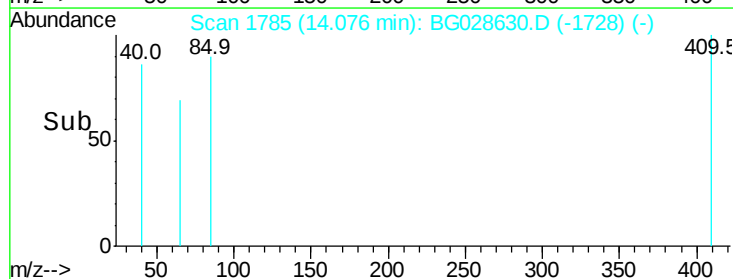
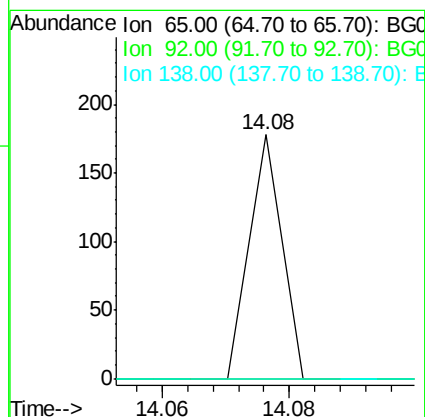
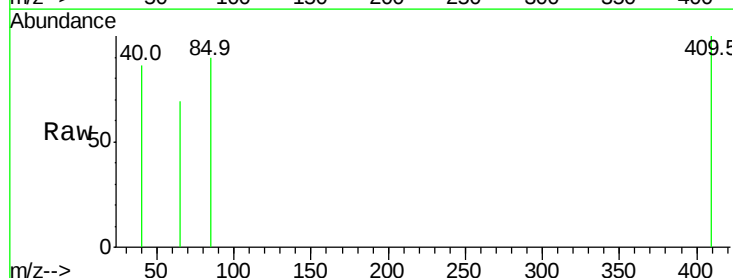
Instrument :
BNA_G
ClientSampleId :

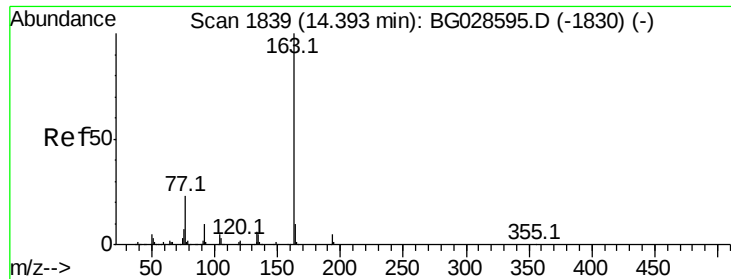
Tot Ion:162 Resp: 55
Ion Ratio Lower Upper
162 100
127 0.0 32.2 48.4#
164 0.0 27.3 40.9#



#47
2-Nitroaniline
Concen: 0.025 ng
RT: 14.08 min Scan# 1785
Delta R.T. 0.04 min
Lab File: BG028630.D
Acq: 10 Sep 2017 00:52

Tgt Ion: 65 Resp: 63
Ion Ratio Lower Upper
65 100
92 0.0 49.0 73.4#
138 0.0 58.6 87.8#





#49

Dimethylphthalate

Concen: 0.756 ng

RT: 14.38 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

Instrument :

BNA_G

ClientSampleId :

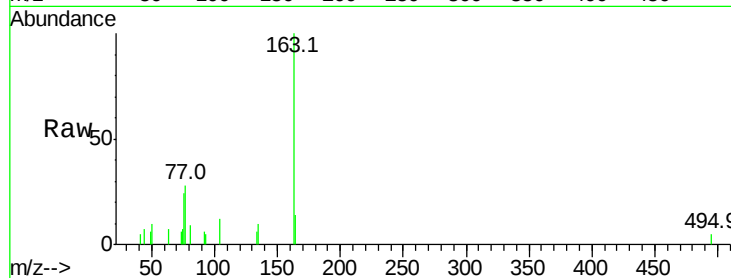
Tot Ion:163 Resp: 5943

Ion Ratio Lower Upper

163 100

194 0.0 3.8 5.6#

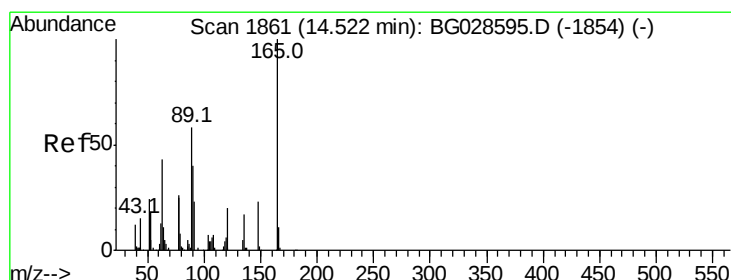
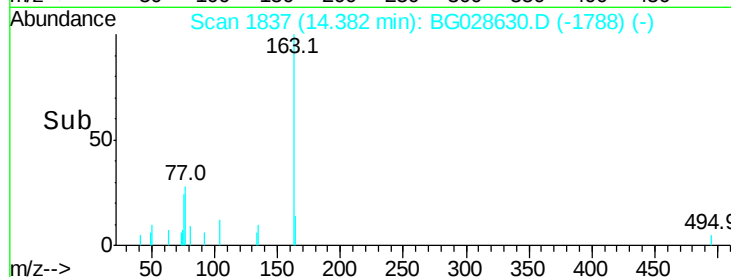
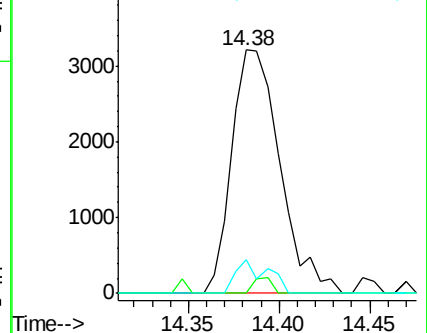
164 13.7 9.3 13.9



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



#50

2,6-Dinitrotoluene

Concen: 0.084 ng

RT: 14.45 min Scan# 1849

Delta R.T. -0.07 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

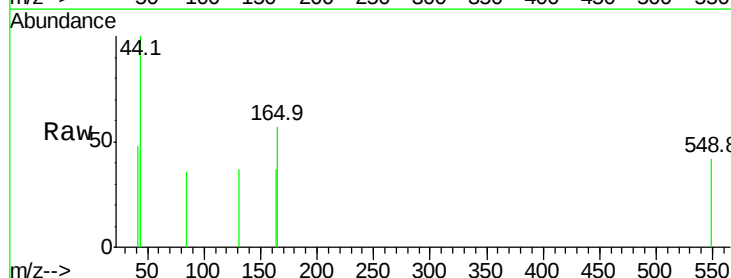
Tgt Ion:165 Resp: 144

Ion Ratio Lower Upper

165 100

63 0.0 63.9 95.9#

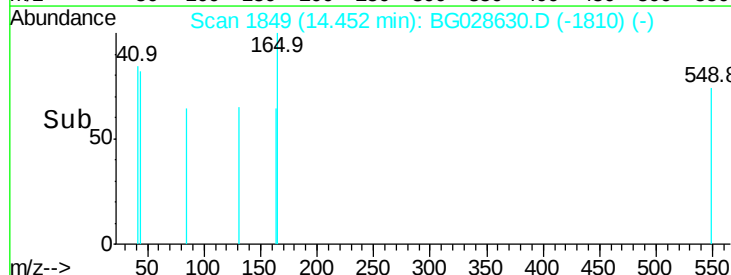
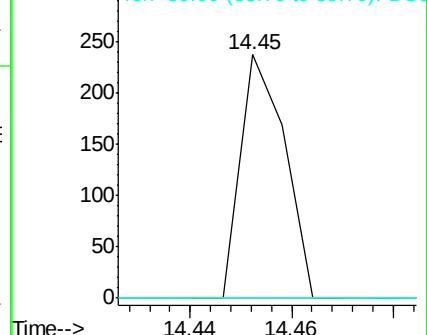
89 0.0 58.6 88.0#

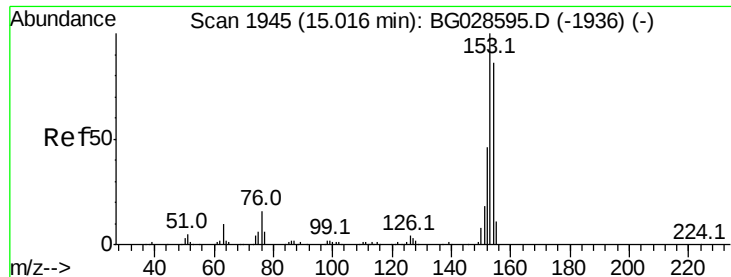


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 0.101 ng

RT: 14.95 min Scan# 1933

Delta R.T. -0.07 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

Instrument :

BNA_G

ClientSampleId :

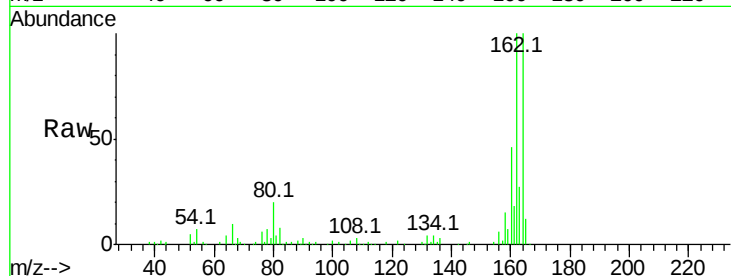
Tot Ion:154 Resp: 578

Ion Ratio Lower Upper

154 100

153 0.0 87.8 131.6#

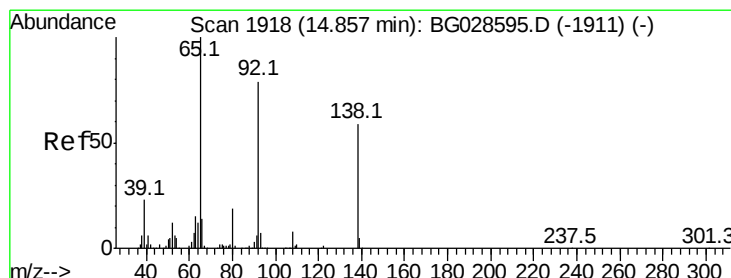
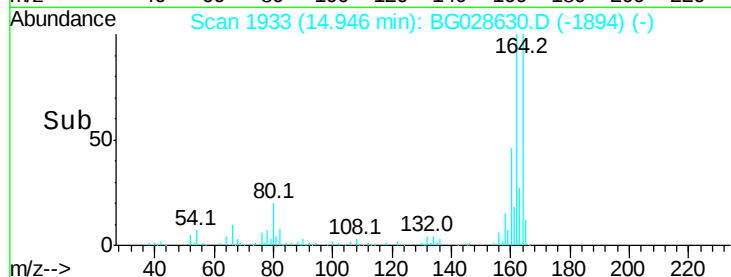
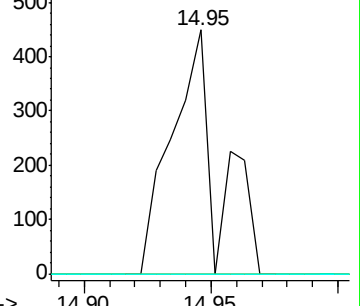
152 0.0 42.2 63.4#



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



#52

3-Nitroaniline

Concen: 0.041 ng

RT: 14.80 min Scan# 1908

Delta R.T. -0.06 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

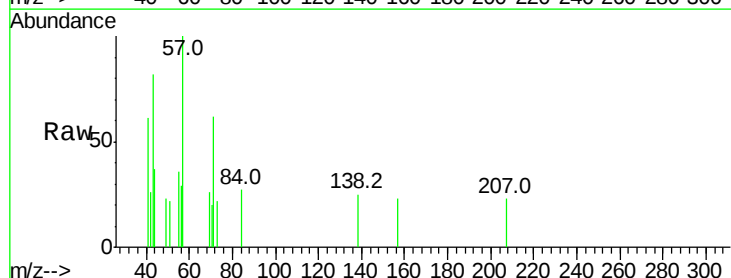
Tgt Ion:138 Resp: 71

Ion Ratio Lower Upper

138 100

108 0.0 10.9 16.3#

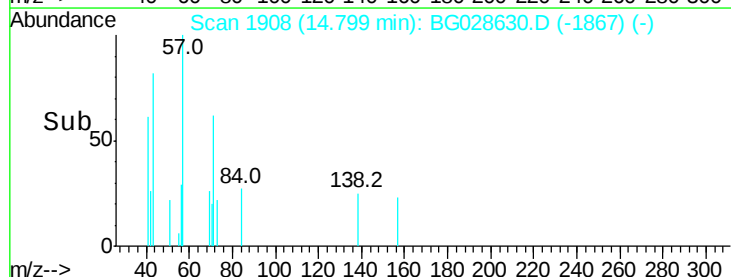
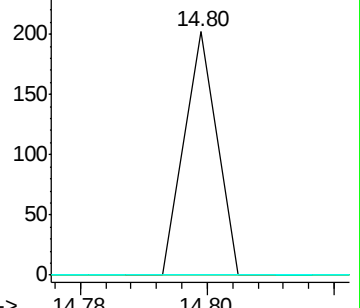
92 0.0 115.3 172.9#

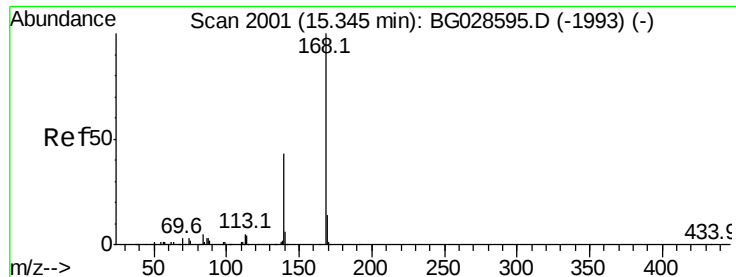


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#54

Dibenzofuran

Concen: 0.019 ng

RT: 15.58 min Scan# 2041

Delta R.T. 0.24 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

Instrument :

BNA_G

ClientSampleId :

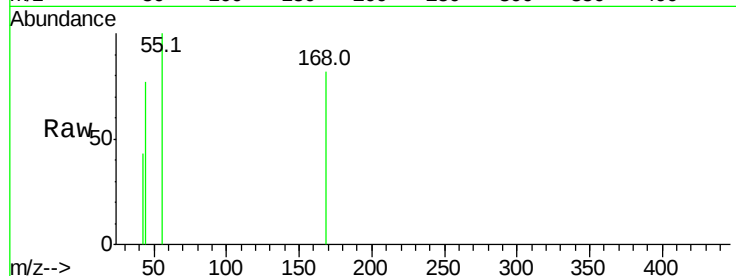
Tot Ion:168 Resp: 169

Ion Ratio Lower Upper

168 100

139 0.0 35.3 52.9#

169 0.0 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

15.58

300

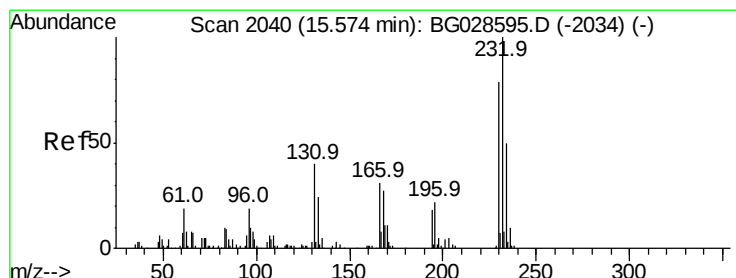
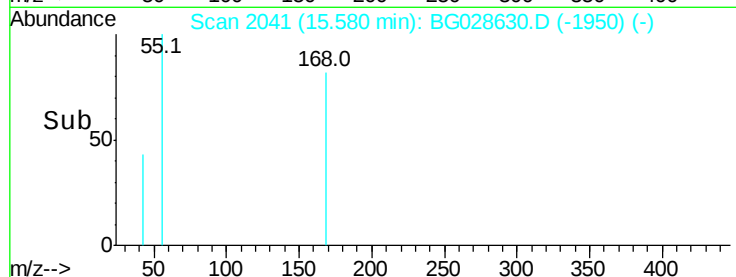
200

100

0

15.56 15.58 15.60

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 0.026 ng

RT: 15.56 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

Tgt Ion:232 Resp: 54

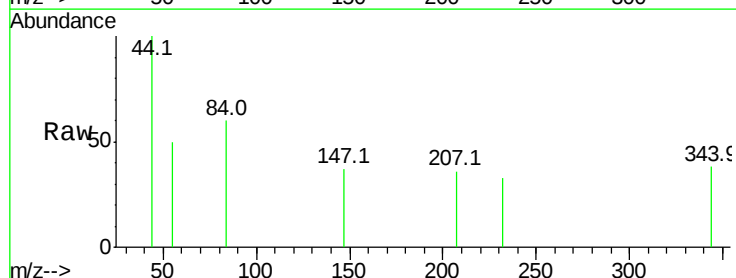
Ion Ratio Lower Upper

232 100

131 0.0 34.9 52.3#

130 0.0 2.3 3.5#

166 0.0 24.2 36.4#



Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

15.56

200

150

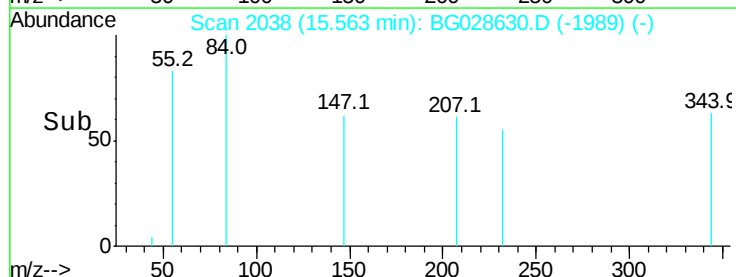
100

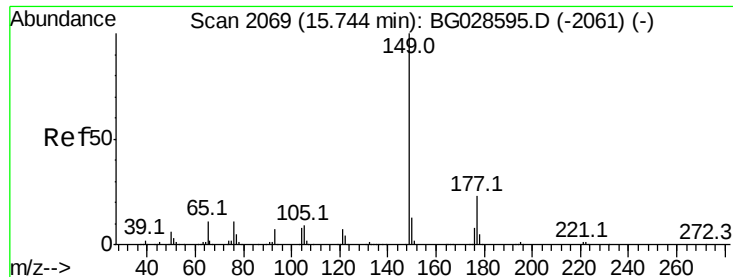
50

0

15.54 15.56 15.58

Time-->

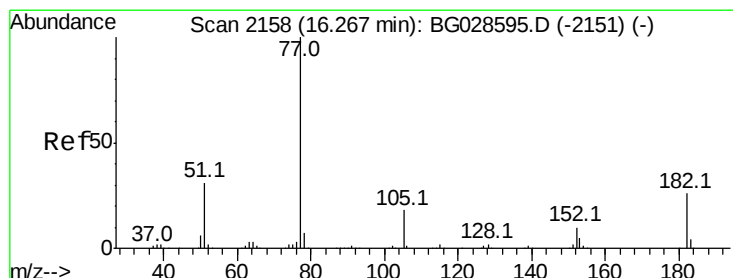
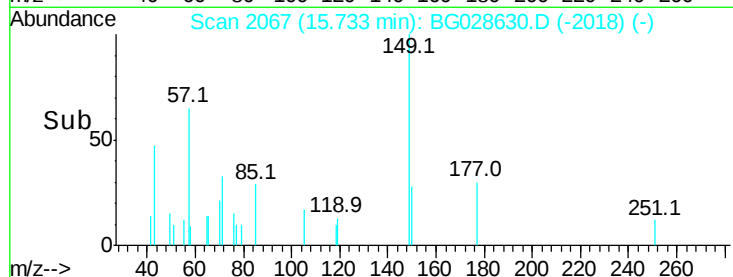
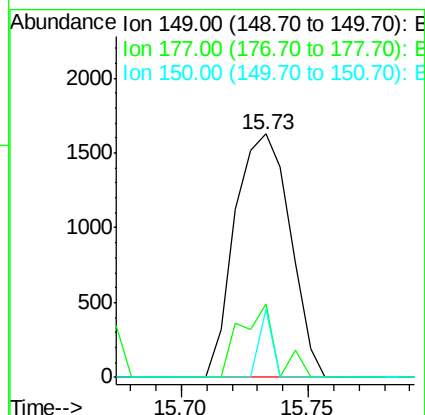
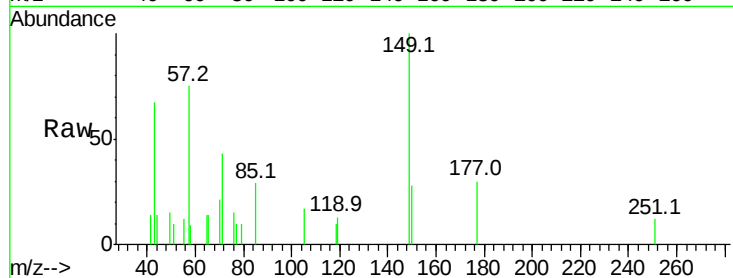




#59
Diethylphthalate
Concen: 0.298 ng
RT: 15.73 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BG028630.D
Acq: 10 Sep 2017 00:52

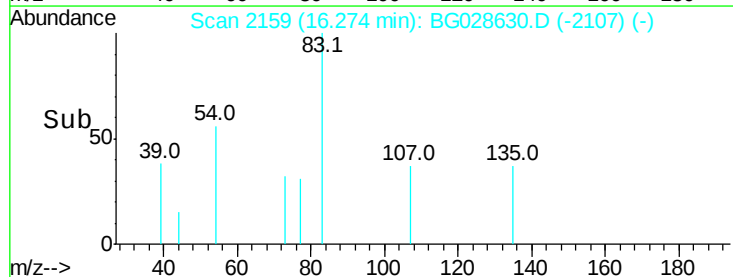
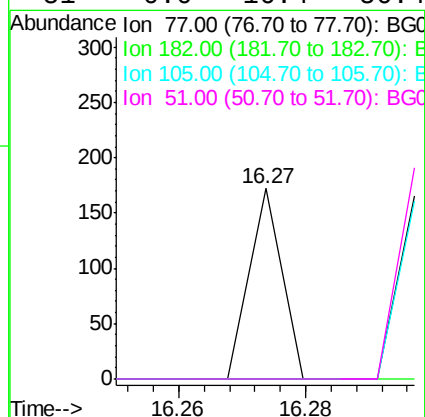
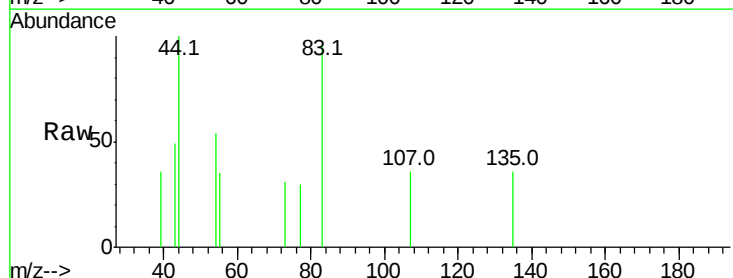
Instrument :
BNA_G
ClientSampleId :

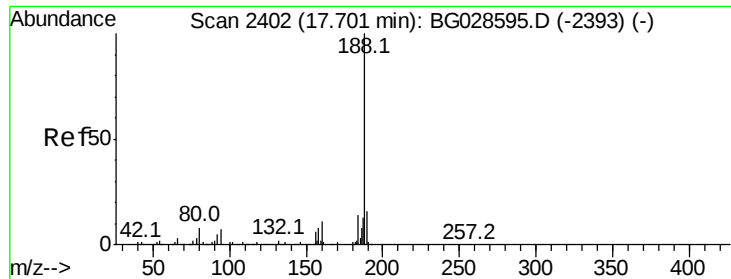
Tot Ion:149 Resp: 2453
Ion Ratio Lower Upper
149 100
177 30.2 20.1 30.1#
150 27.8 10.2 15.2#



#62
Azobenzene
Concen: 0.008 ng
RT: 16.27 min Scan# 2159
Delta R.T. 0.01 min
Lab File: BG028630.D
Acq: 10 Sep 2017 00:52

Tgt Ion: 77 Resp: 61
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#

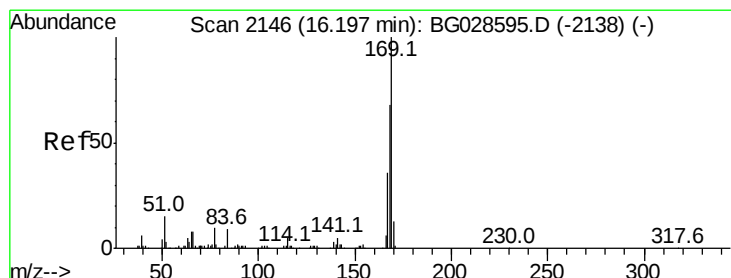
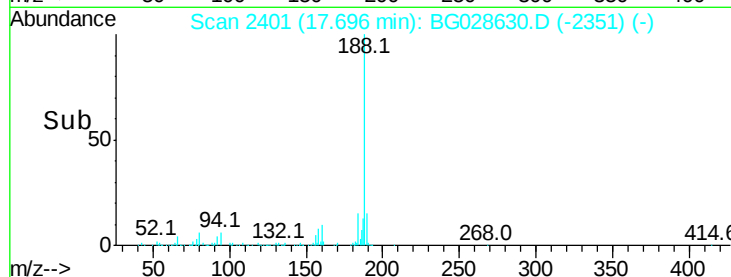
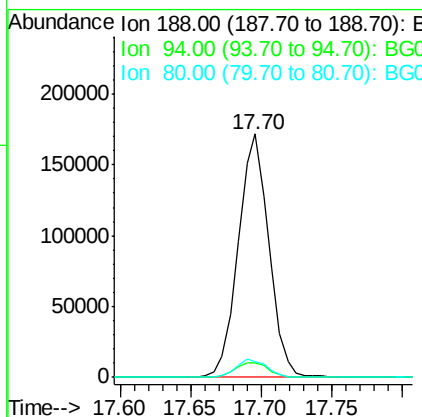
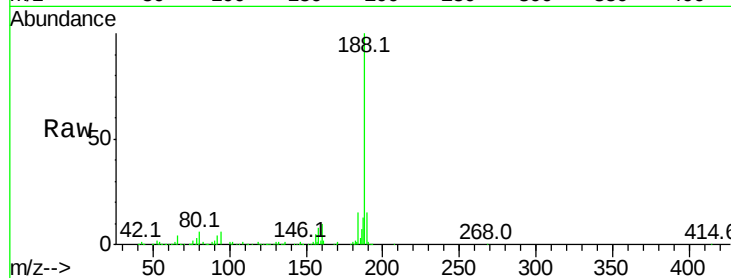




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.70 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BG028630.D
 Acq: 10 Sep 2017 00:52

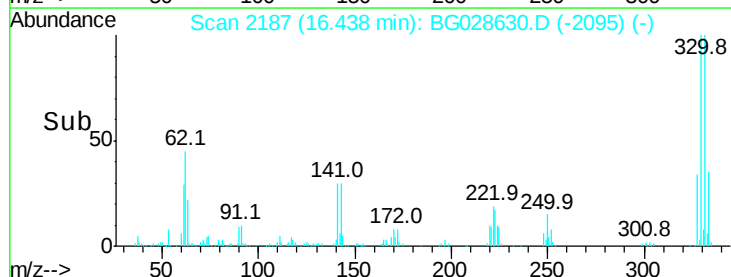
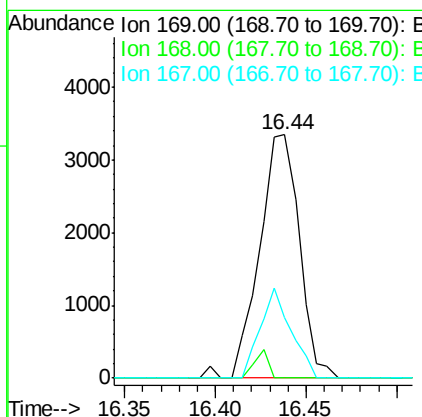
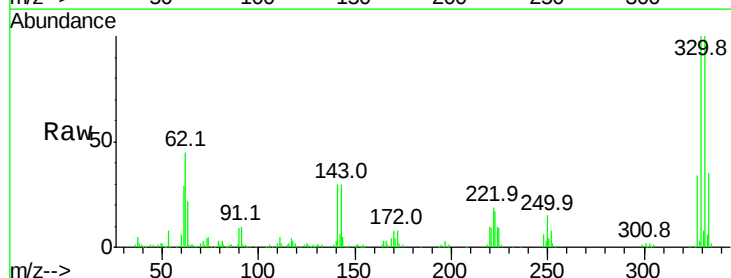
Instrument :
 BNA_G
 ClientSampleId :

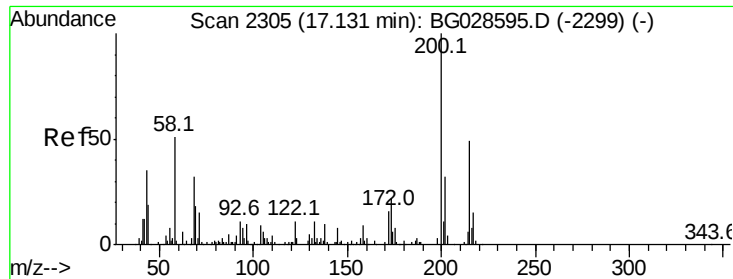
Tot Ion:188 Resp: 259825
 Ion Ratio Lower Upper
 188 100
 94 5.9 5.8 8.8
 80 6.4 7.5 11.3#



#65
 n-Nitrosodiphenylamine
 Concen: 0.667 ng
 RT: 16.44 min Scan# 2187
 Delta R.T. 0.24 min
 Lab File: BG028630.D
 Acq: 10 Sep 2017 00:52

Tgt Ion:169 Resp: 5116
 Ion Ratio Lower Upper
 169 100
 168 0.0 55.7 83.5#
 167 24.9 29.8 44.6#

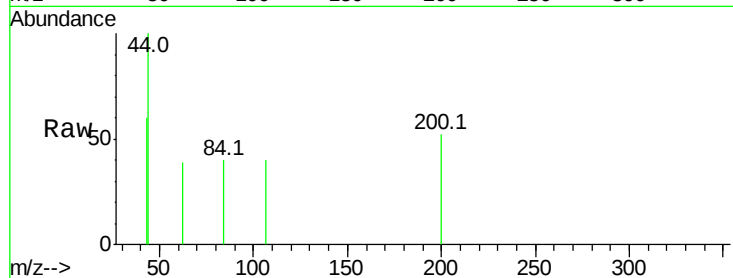




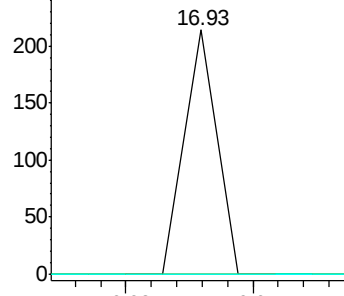
#68
Atrazine
Concen: 0.027 ng
RT: 16.93 min Scan# 2271
Delta R.T. -0.20 min
Lab File: BG028630.D
Acq: 10 Sep 2017 00:52

Instrument :
BNA_G
ClientSampleId :

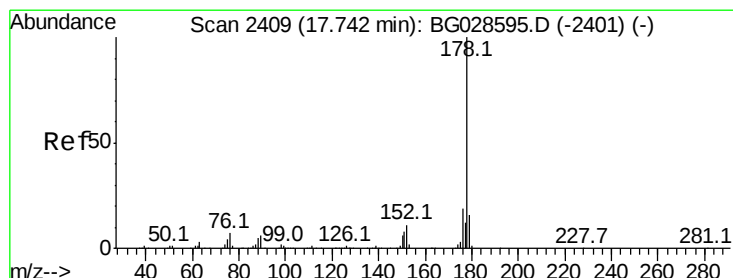
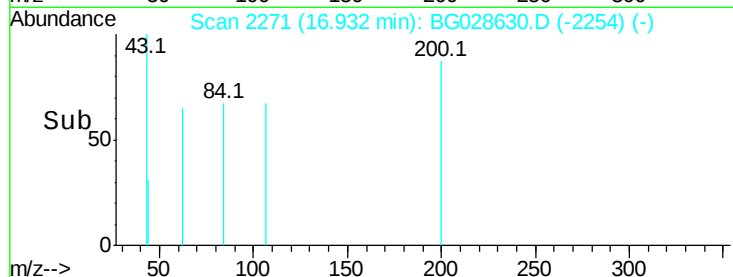
Tot Ion	Ratio	Lower	Upper
200	100		
173	0.0	3.0	43.0#
215	0.0	28.4	68.4#



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

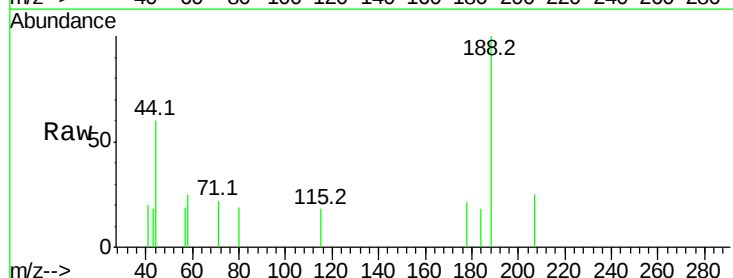


Time-->

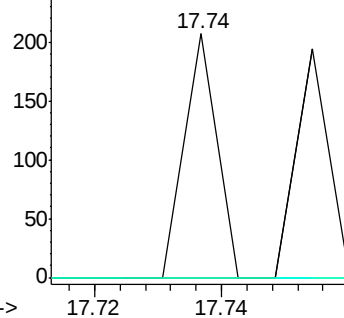


#70
Phenanthrene
Concen: 0.005 ng
RT: 17.74 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BG028630.D
Acq: 10 Sep 2017 00:52

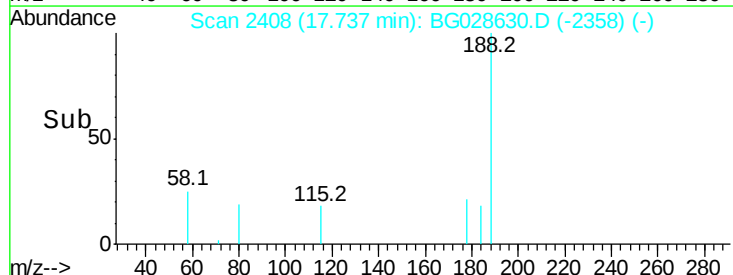
Tgt Ion	Ratio	Lower	Upper
178	100		
176	0.0	17.7	26.5#
179	0.0	15.0	22.6#

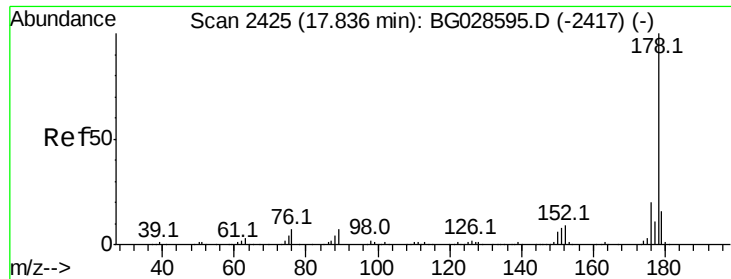


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->

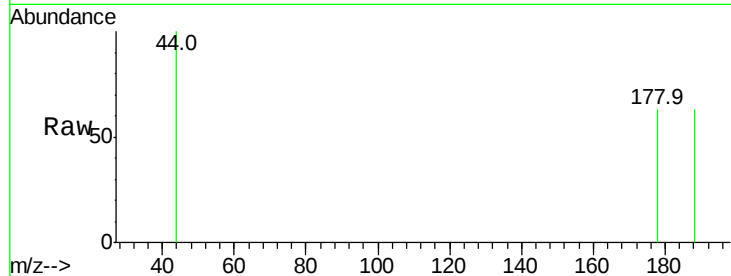




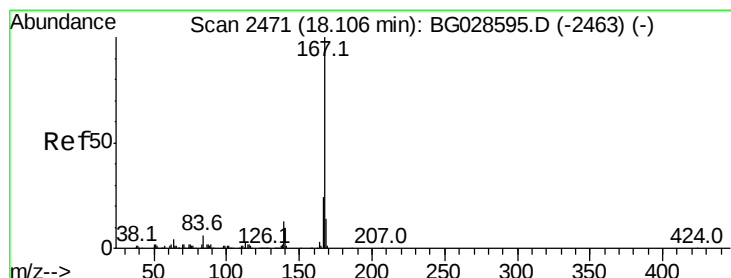
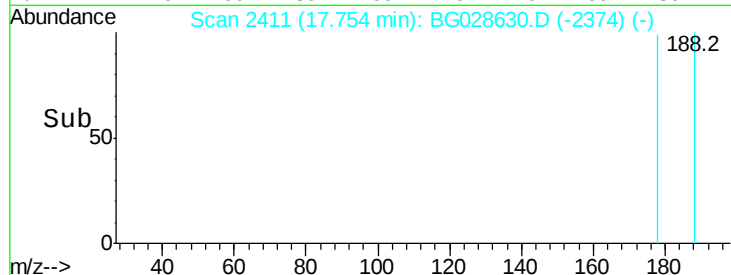
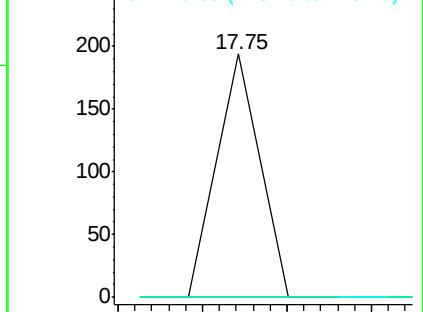
#71
 Anthracene
 Concen: 0.005 ng
 RT: 17.75 min Scan# 2411
 Delta R.T. -0.08 min
 Lab File: BG028630.D
 Acq: 10 Sep 2017 00:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:178 Resp: 68
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.4 24.6#
 179 0.0 13.8 20.8#

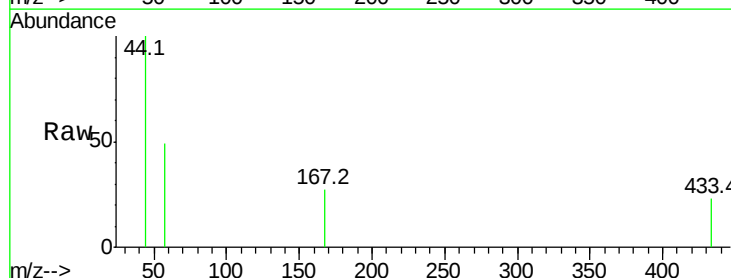


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

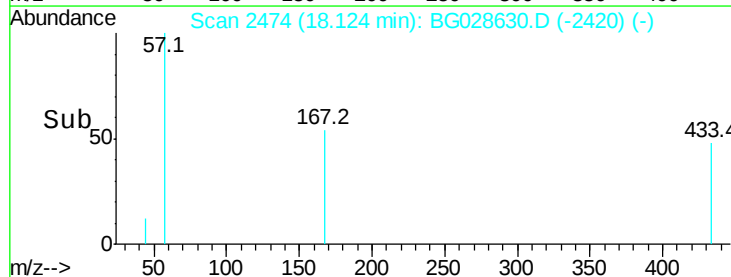
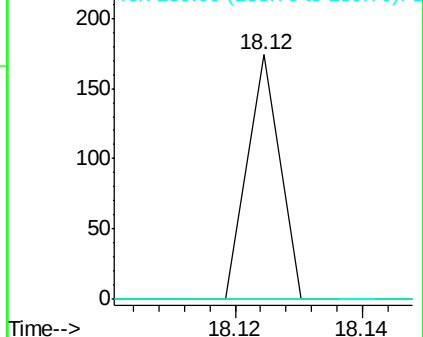


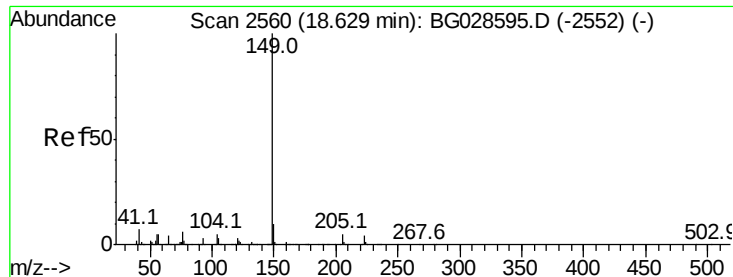
#72
 Carbazole
 Concen: 0.005 ng
 RT: 18.12 min Scan# 2474
 Delta R.T. 0.02 min
 Lab File: BG028630.D
 Acq: 10 Sep 2017 00:52

Tgt Ion:167 Resp: 61
 Ion Ratio Lower Upper
 167 100
 166 0.0 20.2 30.2#
 139 0.0 12.8 19.2#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

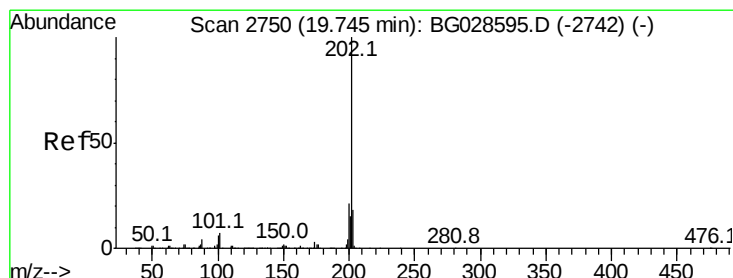
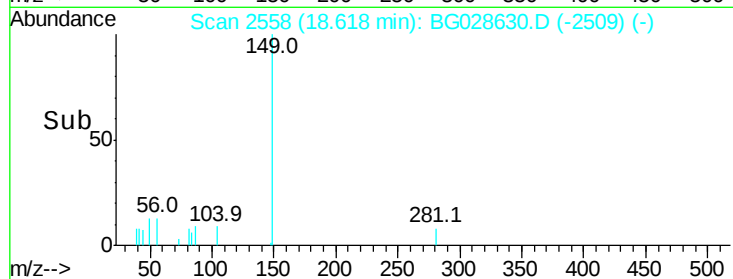
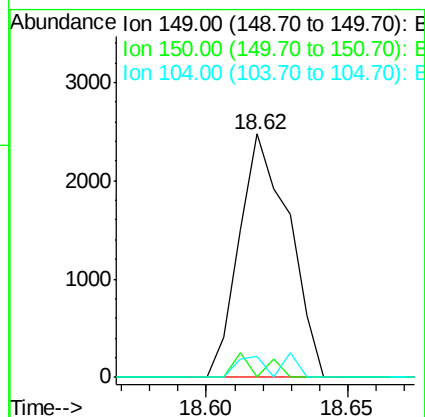
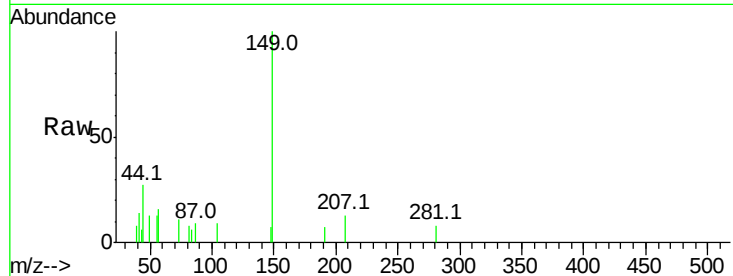




#73
Di-n-butylphthalate
Concen: 0.199 ng
RT: 18.62 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BG028630.D
Acq: 10 Sep 2017 00:52

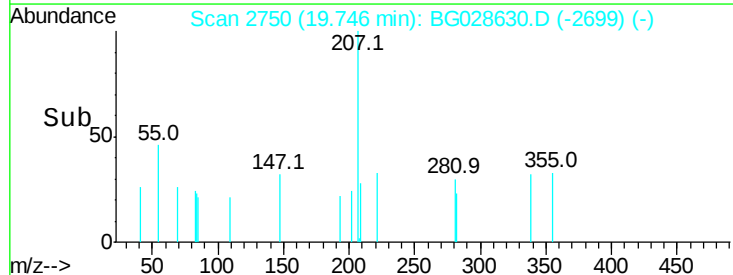
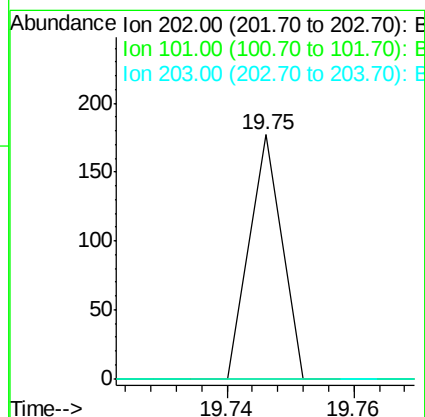
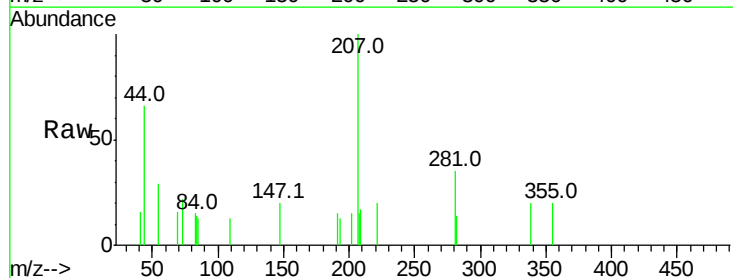
Instrument :
BNA_G
ClientSampleId :

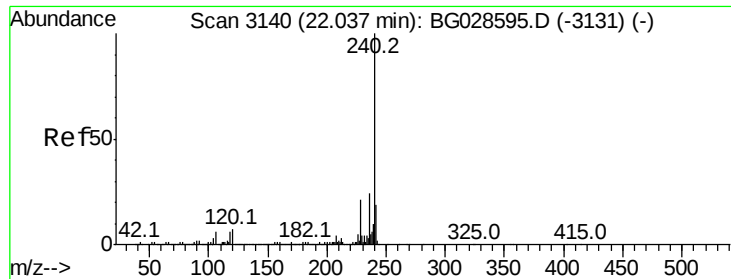
Tot Ion:149 Resp: 3034
Ion Ratio Lower Upper
149 100
150 0.0 9.1 13.7#
104 8.5 6.7 10.1



#74
Fluoranthene
Concen: 0.004 ng
RT: 19.75 min Scan# 2750
Delta R.T. 0.00 min
Lab File: BG028630.D
Acq: 10 Sep 2017 00:52

Tgt Ion:202 Resp: 62
Ion Ratio Lower Upper
202 100
101 0.0 0.0 30.1
203 0.0 1.3 41.3#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

Instrument :

BNA_G

ClientSampled :

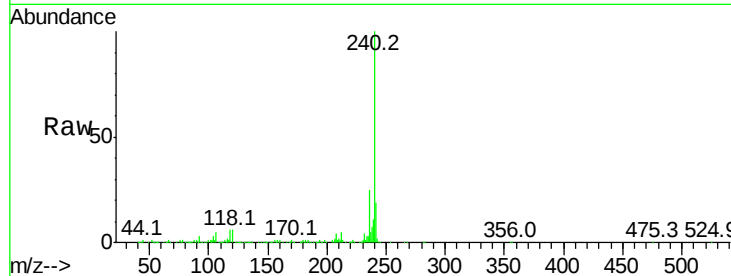
Tot Ion:240 Resp: 311569

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

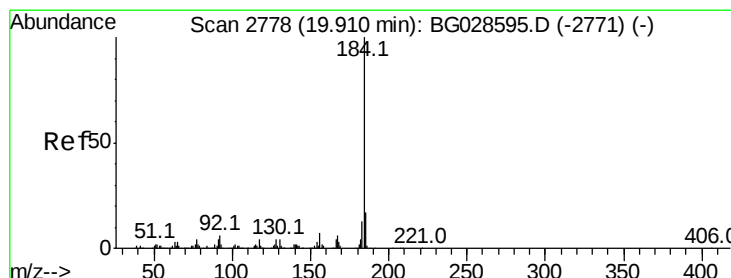
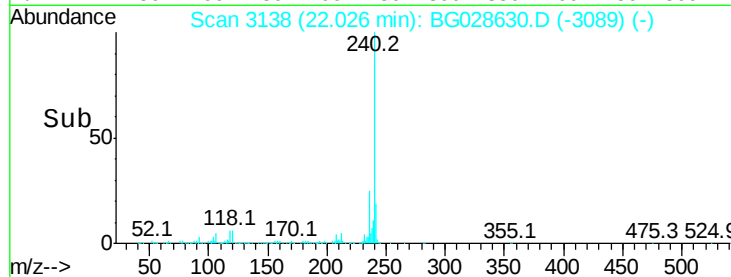
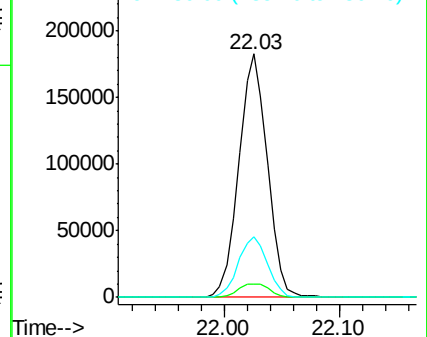
236 24.7 22.2 33.4



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: 0.011 ng

RT: 19.90 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

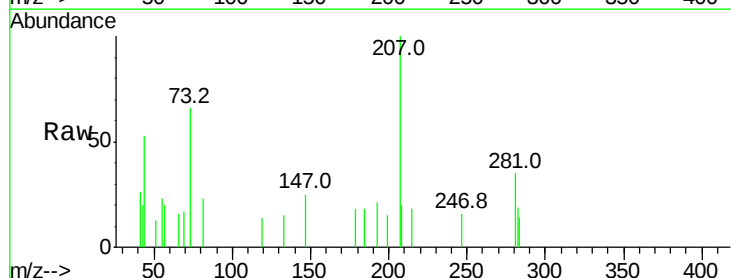
Tgt Ion:184 Resp: 72

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

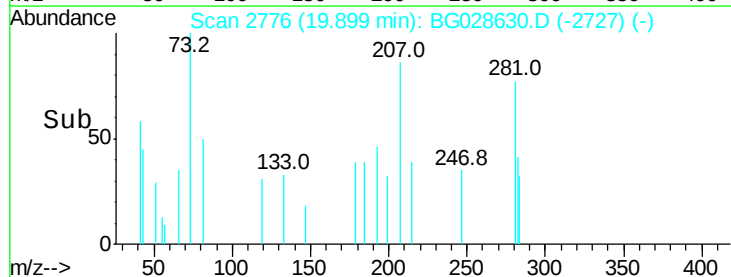
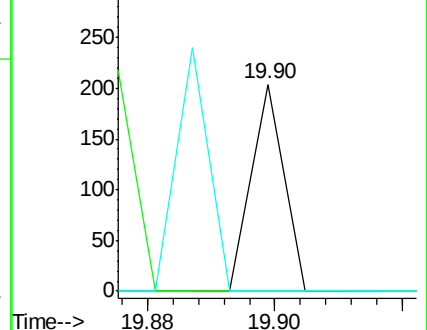
183 0.0 11.0 16.6#

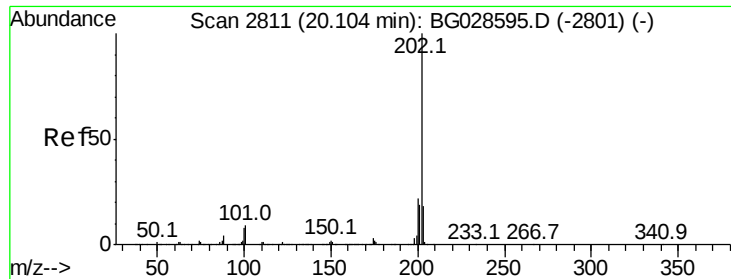


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

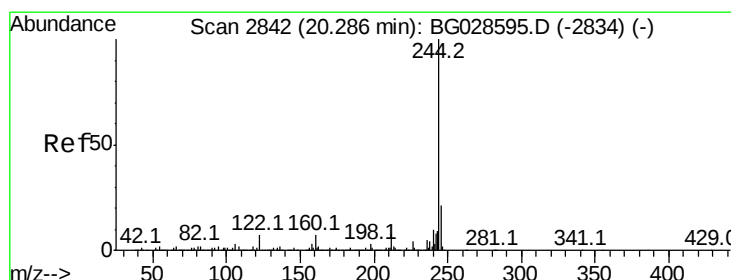
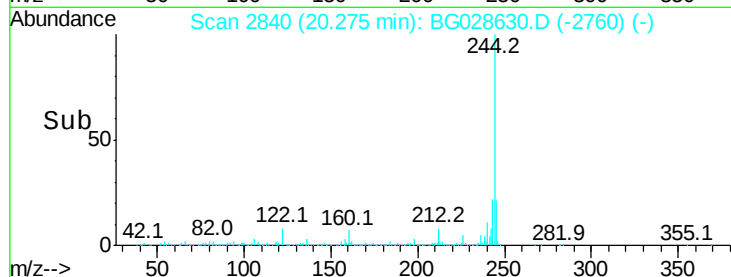
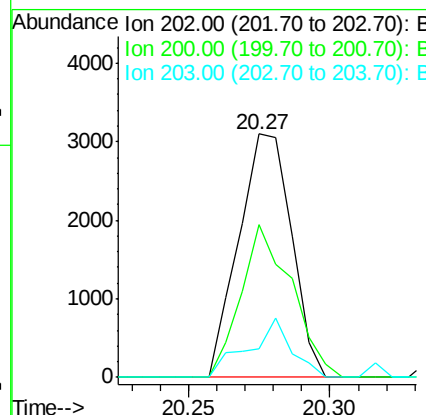
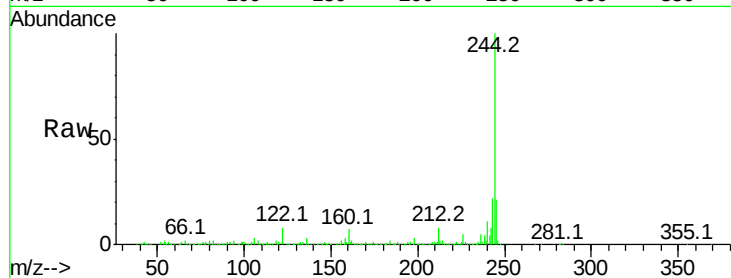




#77
Pvrene
Concen: 0.217 ng
RT: 20.27 min Scan# 2840
Delta R.T. 0.17 min
Lab File: BG028630.D
Acq: 10 Sep 2017 00:52

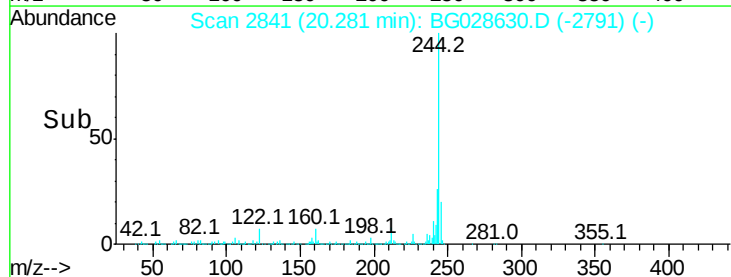
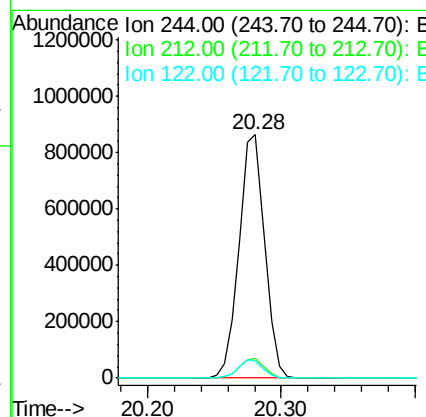
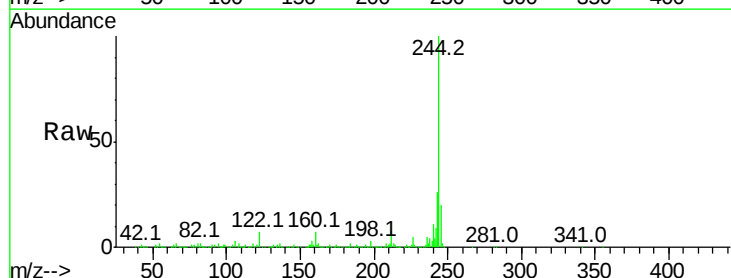
Instrument :
BNA_G
ClientSampleId :

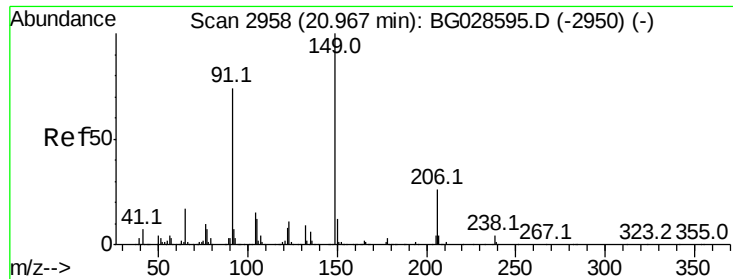
Tot Ion	Ratio	Lower	Upper
202	100		
200	62.8	19.6	29.4#
203	11.8	15.8	23.8#



#78
Terphenyl-d14
Concen: 79.952 ng
RT: 20.28 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BG028630.D
Acq: 10 Sep 2017 00:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	7.1	8.6	12.8#

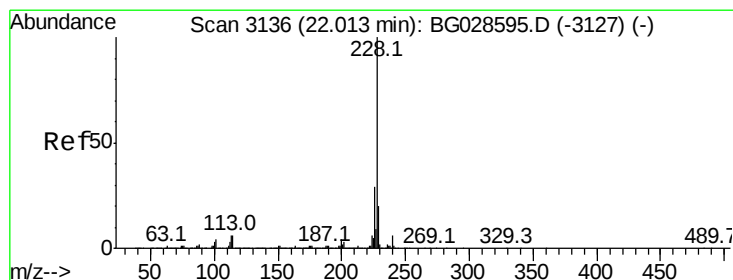
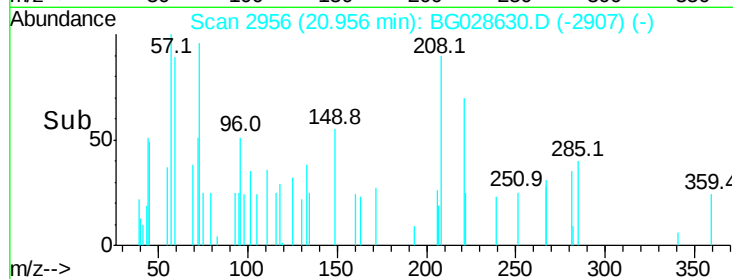
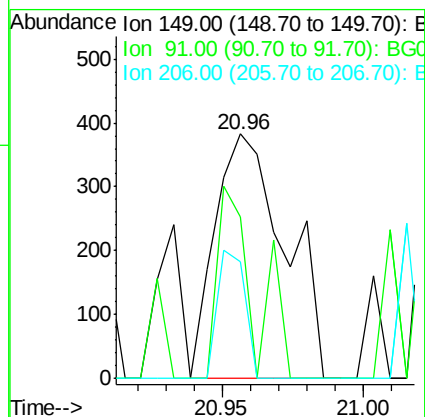
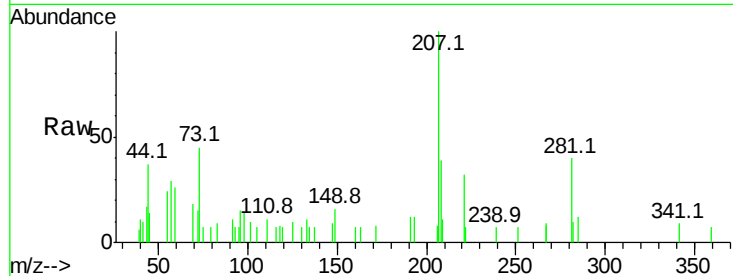




#79
Butylbenzylphthalate
Concen: 0.092 ng
RT: 20.96 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG028630.D
Acq: 10 Sep 2017 00:52

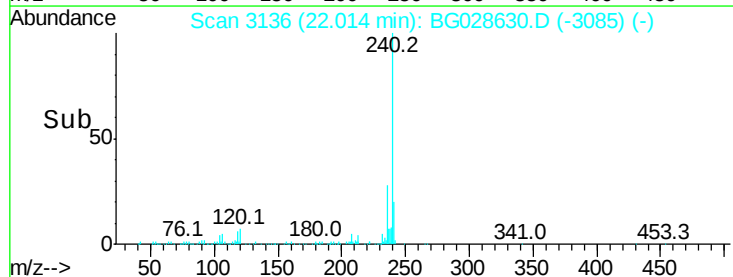
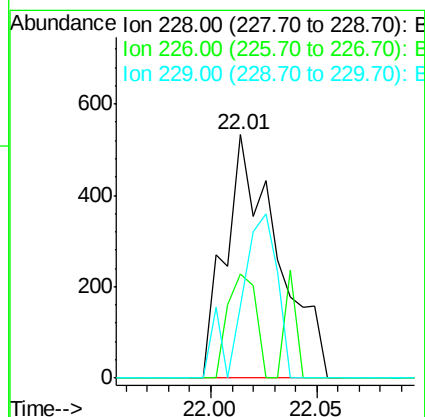
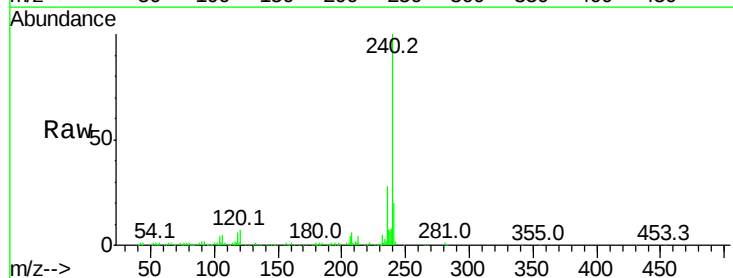
Instrument :
BNA_G
ClientSampled :

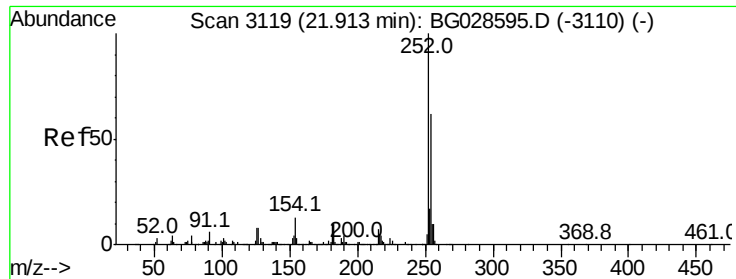
Tot Ion:149 Resp: 659
Ion Ratio Lower Upper
149 100
91 65.8 63.5 95.3
206 47.5 21.0 31.6#



#80
Benzo(a)anthracene
Concen: 0.049 ng
RT: 22.01 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG028630.D
Acq: 10 Sep 2017 00:52

Tgt Ion:228 Resp: 912
Ion Ratio Lower Upper
228 100
226 42.6 24.9 37.3#
229 29.6 18.2 27.2#

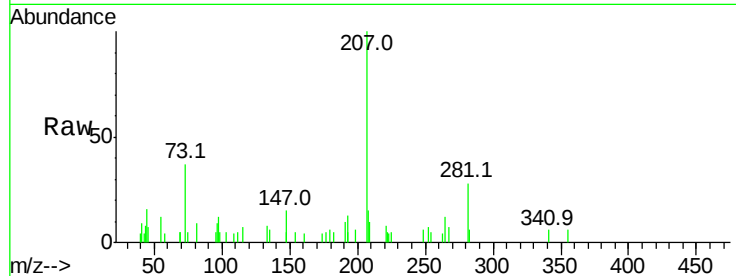




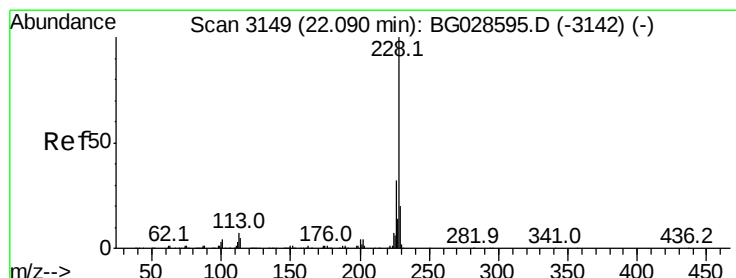
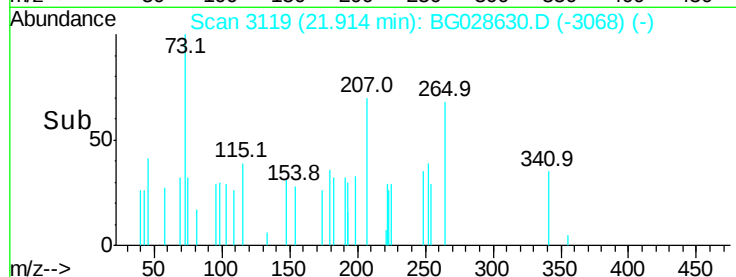
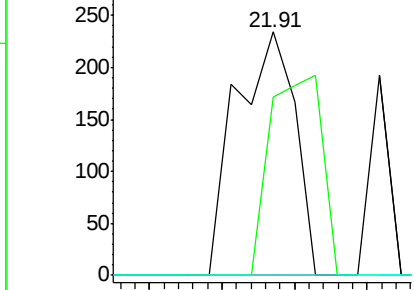
#81
 3,3'-Dichlorobenzidine
 Concen: 0.037 ng
 RT: 21.91 min Scan# 3119
 Delta R.T. 0.00 min
 Lab File: BG028630.D
 Acq: 10 Sep 2017 00:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	73.5	53.1	79.7
126	0.0	7.0	10.4

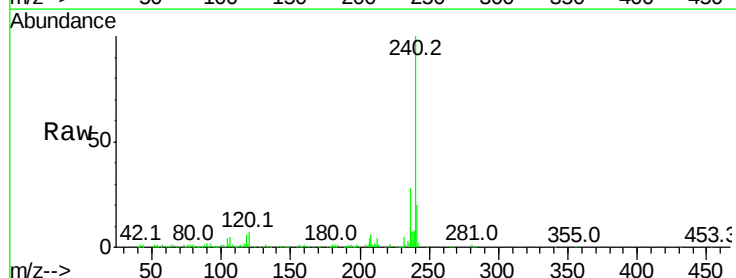


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

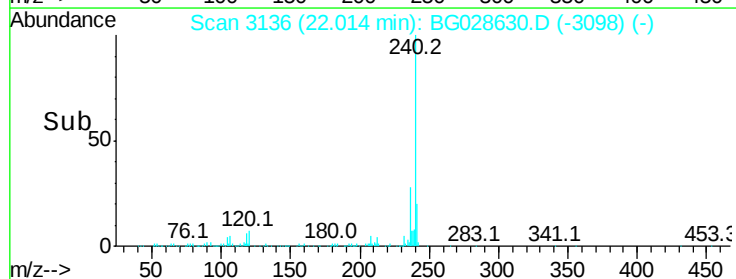
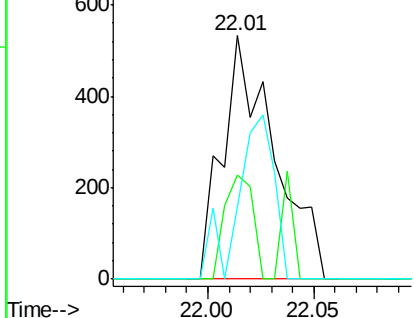


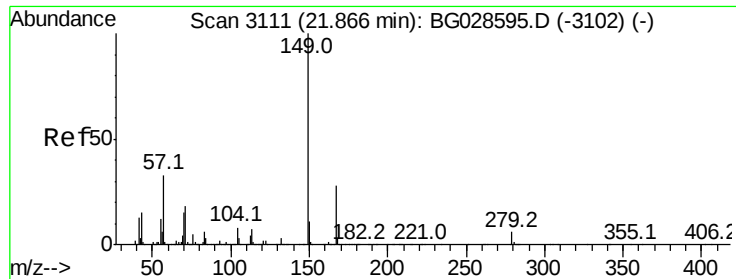
#82
 Chrysene
 Concen: 0.052 ng
 RT: 22.01 min Scan# 3136
 Delta R.T. -0.08 min
 Lab File: BG028630.D
 Acq: 10 Sep 2017 00:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	42.6	27.0	40.4
229	29.6	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

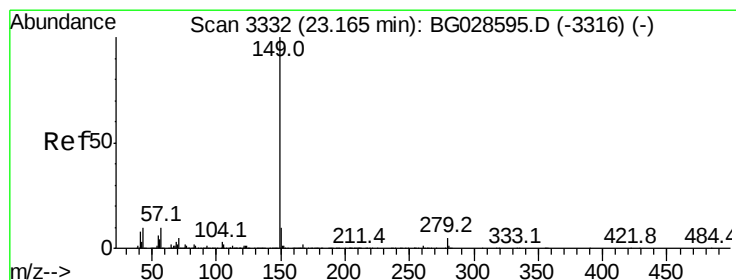
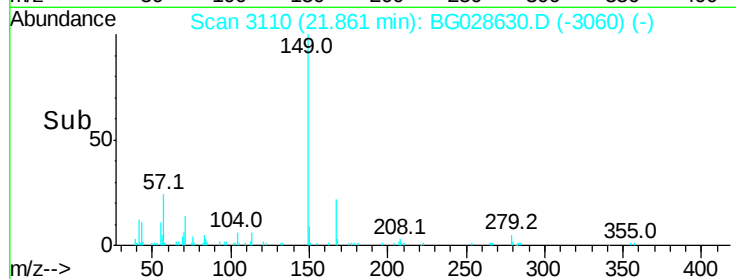
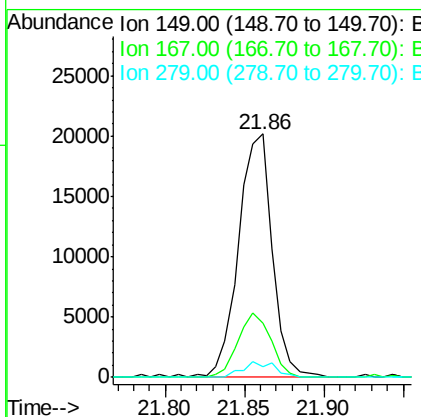
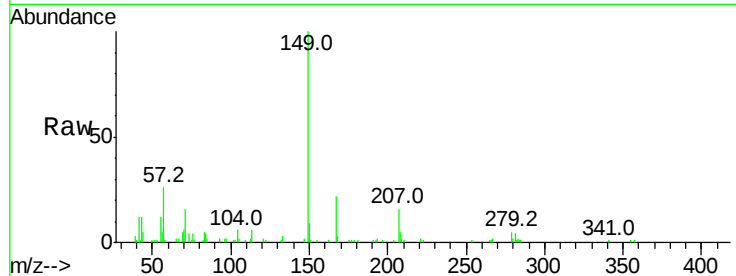




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.886 ng
 RT: 21.86 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BG028630.D
 Acq: 10 Sep 2017 00:52

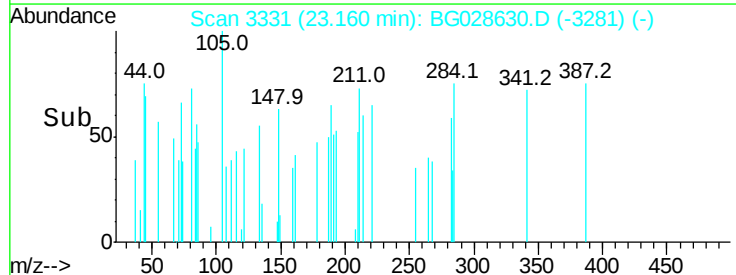
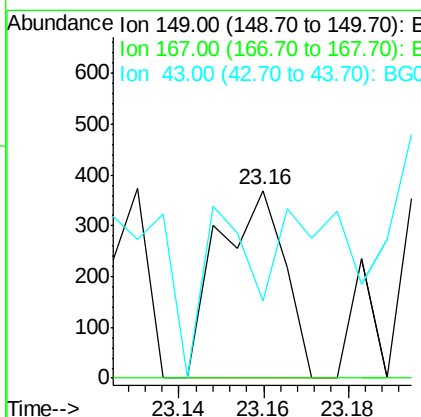
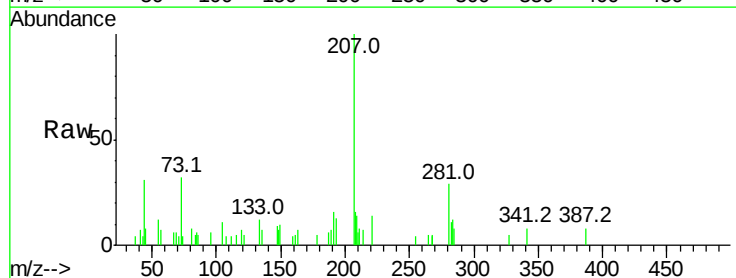
Instrument :
 BNA_G
 ClientSampled :

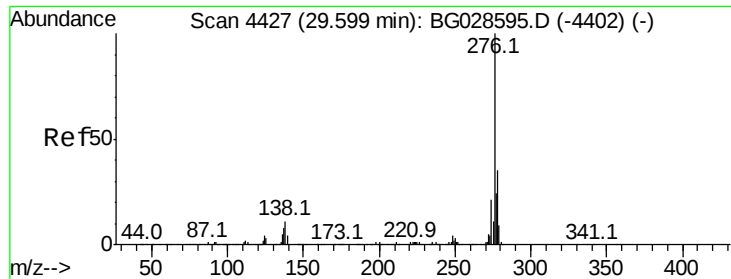
Tot Ion	Ratio	Lower	Upper
149	100		
167	22.1	23.7	35.5#
279	4.6	4.6	6.8



#84
 Di-n-octyl phthalate
 Concen: 0.023 ng
 RT: 23.16 min Scan# 3331
 Delta R.T. -0.01 min
 Lab File: BG028630.D
 Acq: 10 Sep 2017 00:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.2#
43	86.4	11.8	17.6#

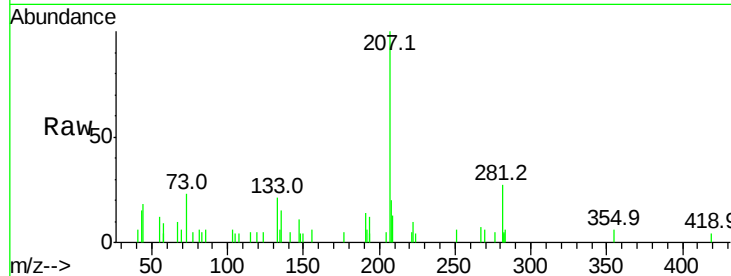




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.006 ng
 RT: 29.60 min Scan# 4427
 Delta R.T. 0.00 min
 Lab File: BG028630.D
 Acq: 10 Sep 2017 00:52

Instrument :
 BNA_G
 ClientSampled :

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



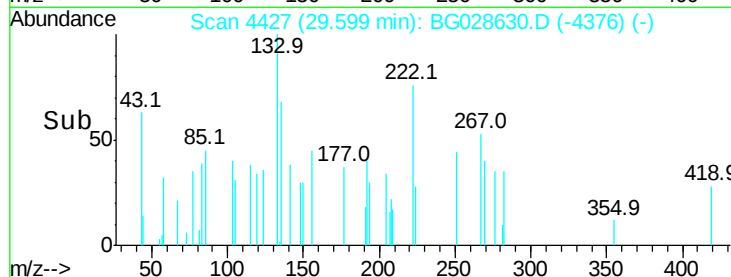
Abundance

Ion 276.00 (275.70 to 276.70): E

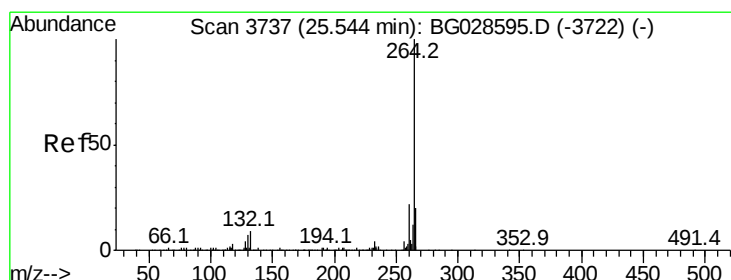
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

29.60

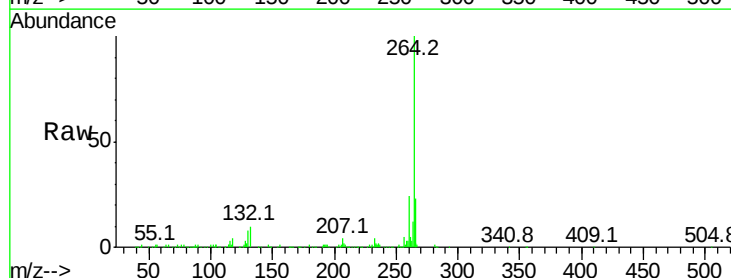


Time-->



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.53 min Scan# 3734
 Delta R.T. -0.02 min
 Lab File: BG028630.D
 Acq: 10 Sep 2017 00:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	21.8	32.8
265	23.0	18.2	27.4



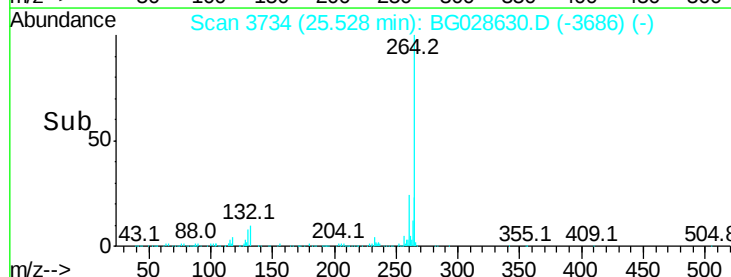
Abundance

Ion 264.00 (263.70 to 264.70): E

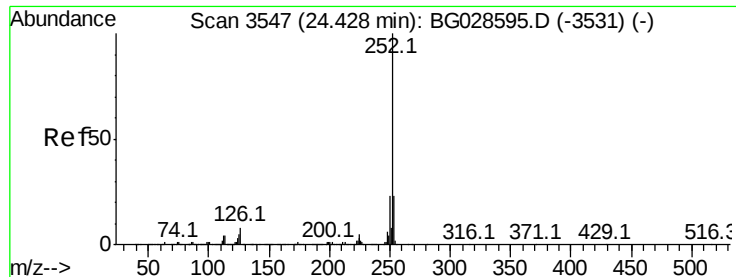
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

25.53



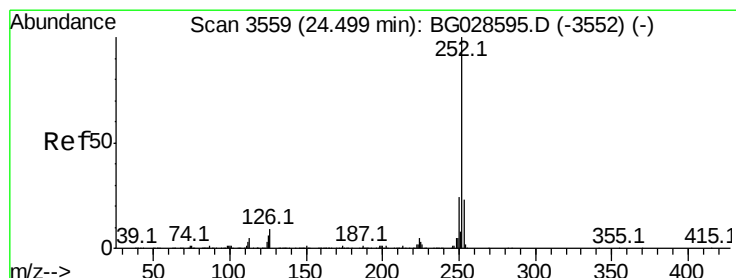
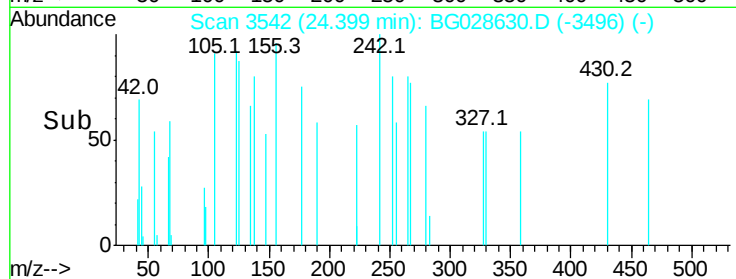
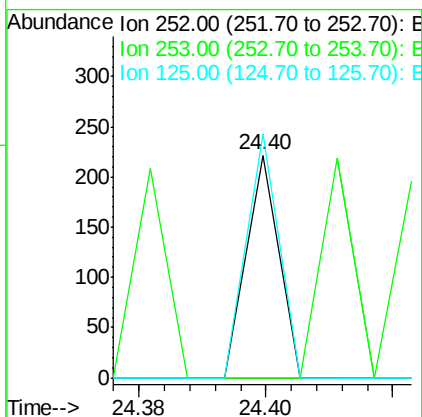
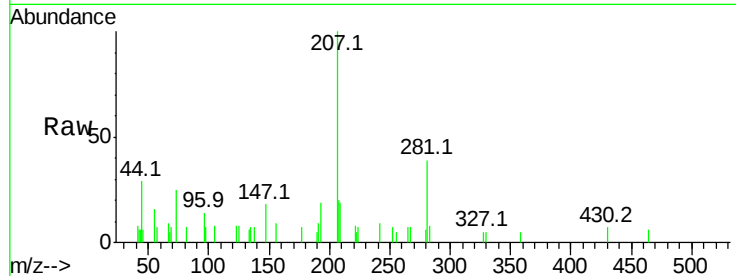
Time-->



#87
Benzo(b)fluoranthene
Concen: 0.004 ng
RT: 24.40 min Scan# 3542
Delta R.T. -0.03 min
Lab File: BG028630.D
Acq: 10 Sep 2017 00:52

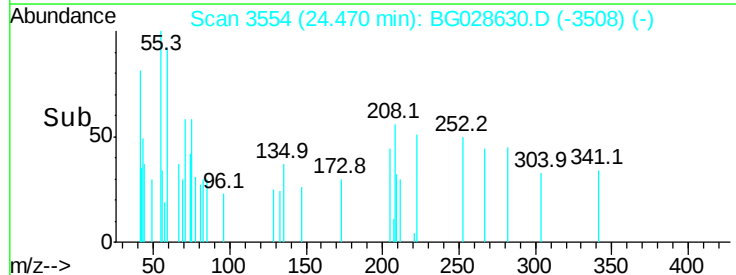
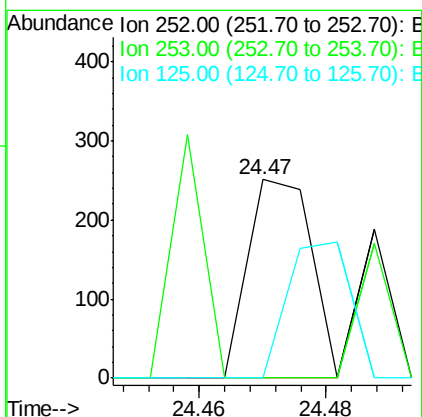
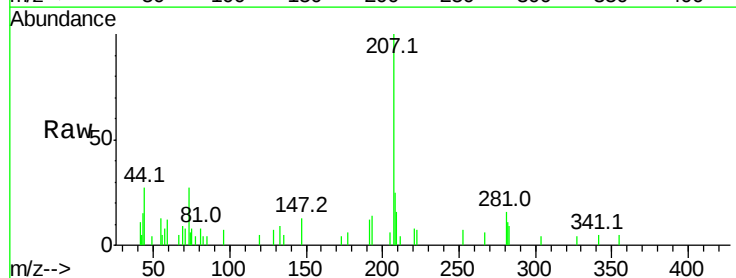
Instrument :
BNA_G
ClientSampleId :

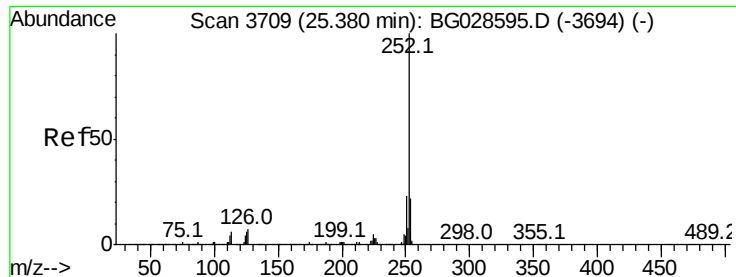
Tot Ion:252 Resp: 78
Ion Ratio Lower Upper
252 100
253 0.0 18.7 28.1#
125 109.5 5.3 7.9#



#88
Benzo(k)fluoranthene
Concen: 0.010 ng
RT: 24.47 min Scan# 3554
Delta R.T. -0.03 min
Lab File: BG028630.D
Acq: 10 Sep 2017 00:52

Tgt Ion:252 Resp: 173
Ion Ratio Lower Upper
252 100
253 0.0 20.2 30.2#
125 0.0 5.1 7.7#





#89

Benzo(a)pyrene

Concen: 0.004 ng

RT: 25.37 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

Instrument :

BNA_G

ClientSampleId :

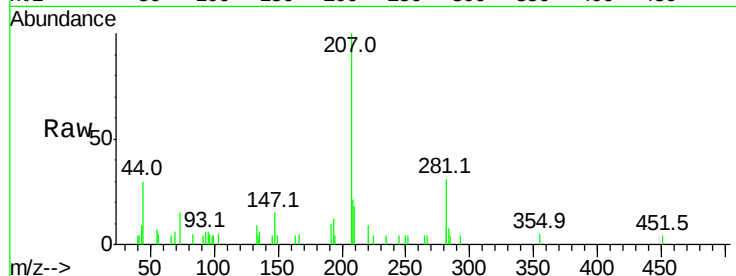
Tot Ion:252 Resp: 63

Ion Ratio Lower Upper

252 100

253 0.0 19.2 28.8#

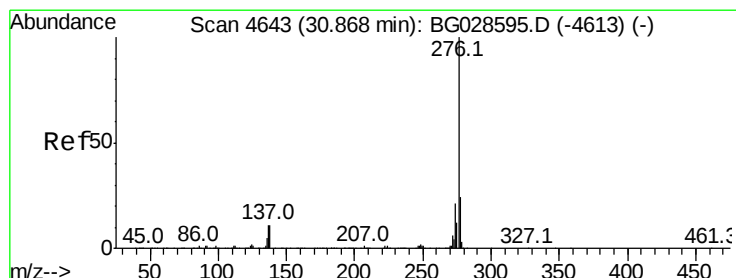
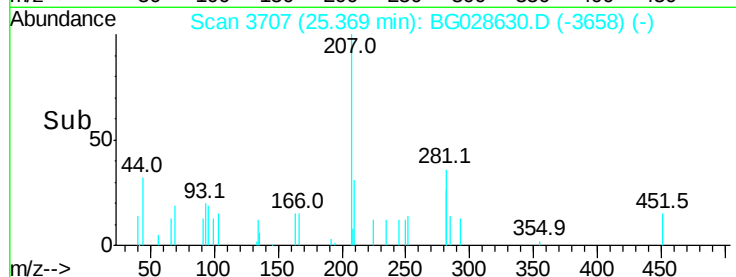
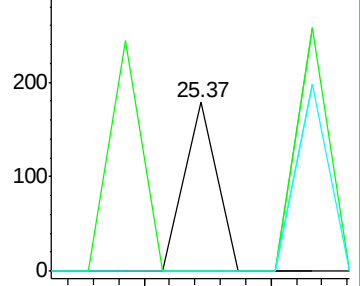
125 0.0 5.4 8.0#



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



#91

Benzo(g,h,i)perylene

Concen: 0.004 ng

RT: 30.83 min Scan# 4636

Delta R.T. -0.04 min

Lab File: BG028630.D

Acq: 10 Sep 2017 00:52

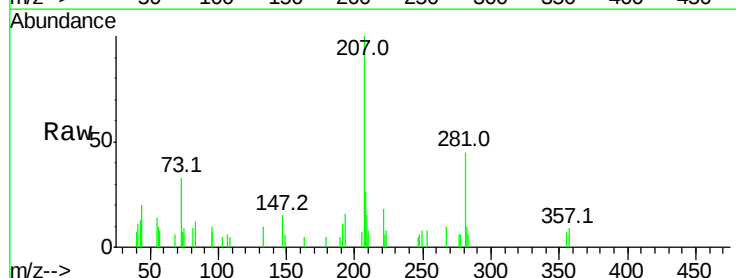
Tgt Ion:276 Resp: 64

Ion Ratio Lower Upper

276 100

277 104.4 18.6 27.8#

138 0.0 8.1 12.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

