

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
 Data File : BG028895.D
 Acq On : 23 Sep 2017 12:59
 Operator : SJ/JU
 Sample : PB102530BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 25 00:57:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.60	152	68628	20.00	ng	0.27
21) Naphthalene-d8	11.43	136	53	20.00	ng	0.28
38) Acenaphthene-d10	15.19	164	70	20.00	ng	0.24
63) Phenanthrene-d10	17.98	188	112	20.00	ng	0.28
75) Chrysene-d12	22.38	240	56	20.00	ng	0.35
86) Perylene-d12	25.92	264	115	20.00	ng	0.39

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.85	112	133617	32.13	ng	-0.05
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.51	172	450994	85909.36	ng	-0.05
78) Terphenyl-d14	20.59	244	284	108.15	ng	0.31

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.44	70	22680	5.11	ng	# 68
22) Acetophenone	9.24	105	71	45.82	ng	# 41
25) Isophorone	10.27	82	57	25.43	ng	# 67
26) 2-Nitrophenol	10.40	139	86	164.71	ng	# 20
27) 2,4-Dimethylphenol	10.64	122	69	72.30	ng	# 1
28) bis(2-Chloroethoxy)methane	10.51	93	68	55.86	ng	# 50
29) 2,4-Dichlorophenol	10.88	162	72	75.82	ng	# 25
32) Benzoic acid	10.64	122	69	94.98	ng	# 1
33) 4-Chloroaniline	11.71	127	59	50.88	ng	# 40
35) Caprolactam	12.21	113	59	173.26	ng	# 1
37) 2-Methylnaphthalene	13.19	142	53	25.64	ng	# 69
40) Hexachlorocyclopentadiene	13.20	237	56	52.93	ng	# 29
45) 1,1'-Biphenyl	14.26	154	57	9.83	ng	# 41
47) 2-Nitroaniline	14.23	65	53	33.73	ng	# 16
50) 2,6-Dinitrotoluene	14.90	165	8687	6651.02	ng	# 11
53) 2,4-Dinitrophenol	15.58	184	65	93.00	ng	# 15
54) Dibenzofuran	15.40	168	57	8.71	ng	# 40
57) Fluorene	16.38	166	3901	667.87	ng	# 86
58) 2,3,4,6-Tetrachlorophenol	15.70	232	91	56.25	ng	# 39
59) Diethylphthalate	15.74	149	62	10.28	ng	# 56
61) 4-Nitroaniline	16.39	138	70	57.21	ng	# 1
62) Azobenzene	16.38	77	737	145.27	ng	# 73
64) 4,6-Dinitro-2-methylphenol	16.38	198	78	107.93	ng	# 1
65) n-Nitrosodiphenylamine	16.38	169	3557	1107.87	ng	# 33
67) Hexachlorobenzene	17.19	284	58	35.36	ng	# 38
73) Di-n-butylphthalate	19.10	149	55	8.61	ng	# 73
74) Fluoranthene	20.23	202	3926	561.40	ng	# 78
76) Benzidine	20.23	184	16727	11518.30	ng	# 92
77) Pyrene	20.23	202	3926	1215.44	ng	# 66
79) Butylbenzylphthalate	21.29	149	90	68.99	ng	# 19
80) Benzo(a)anthracene	22.39	228	148	43.91	ng	# 48
81) 3,3'-Dichlorobenzidine	22.26	252	68	49.76	ng	# 24
82) Chrysene	22.39	228	148	46.27	ng	# 52
83) Bis(2-ethylhexyl)phthalate	22.21	149	73	39.36	ng	# 51

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Instrument :
BNA_G
ClientSampleId :

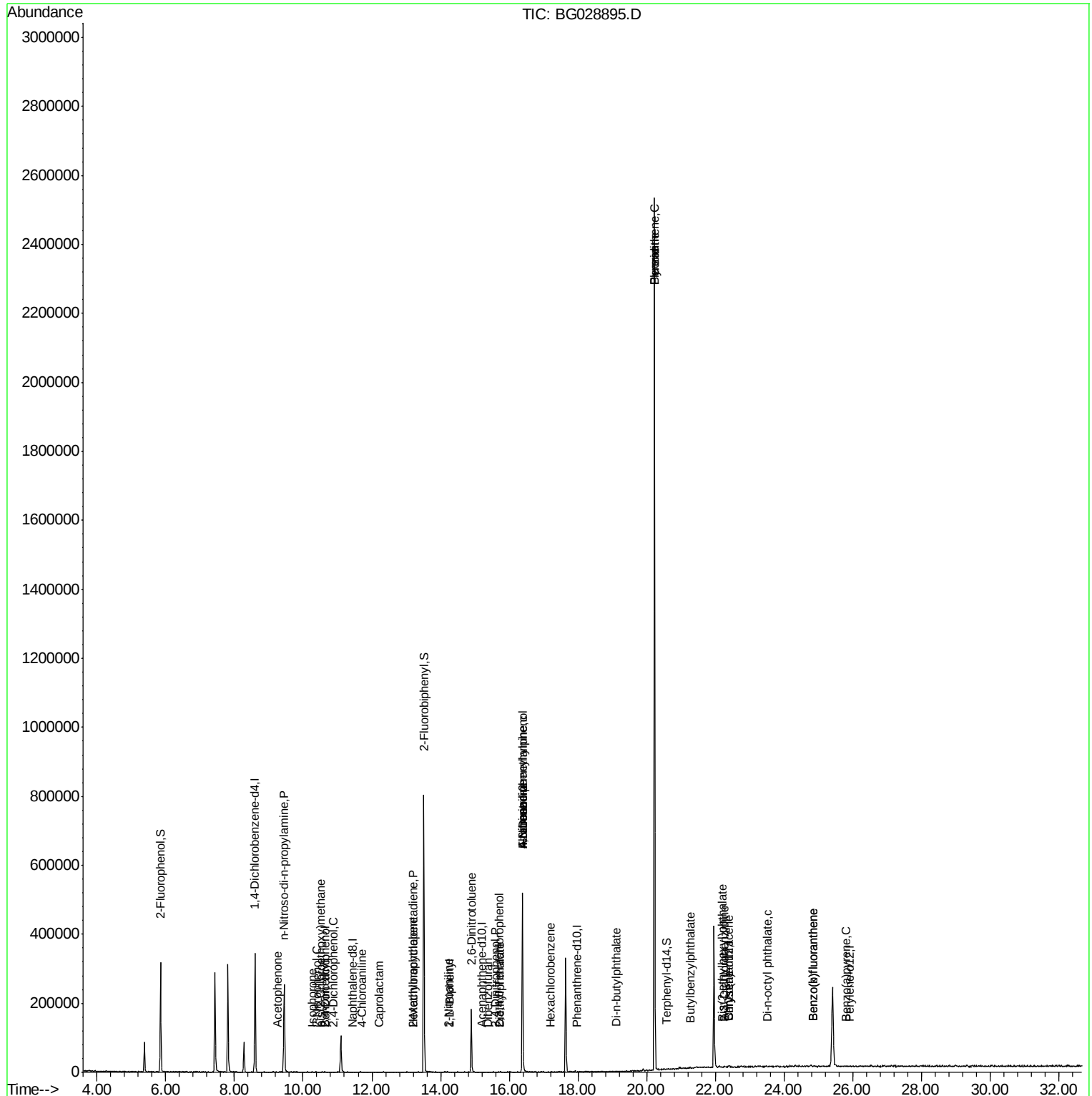
Quant Time: Sep 25 00:57:12 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

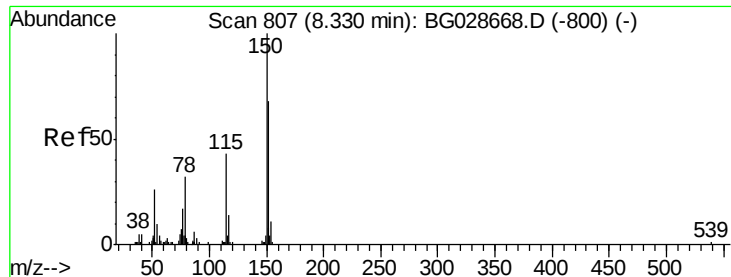
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	23.52	149	151	46.60	nq	# 68
87) Benzo(b)fluoranthene	24.85	252	121	17.56	nq	# 58
88) Benzo(k)fluoranthene	24.85	252	121	17.58	nq	# 56
89) Benzo(a)pyrene	25.79	252	53	8.10	nq	# 58

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

```
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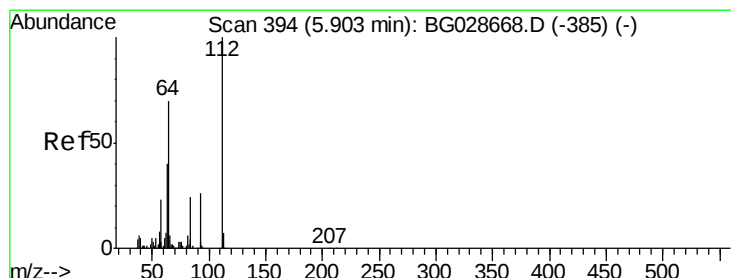
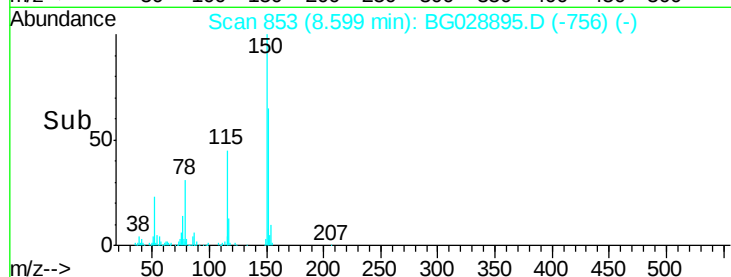
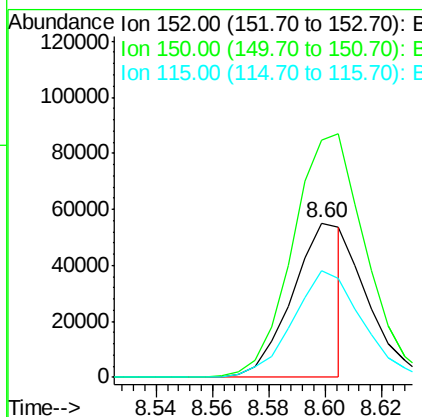
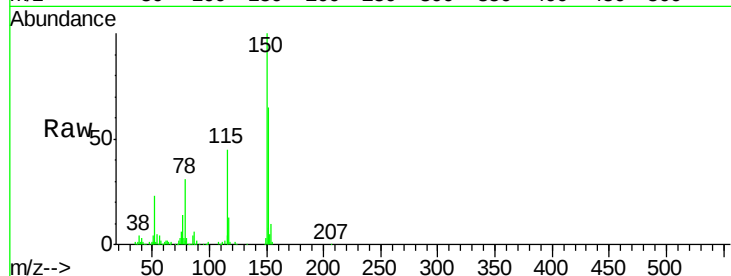


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.60 min Scan# 853
Delta R.T. 0.27 min
Lab File: BG028895.D
Acq: 23 Sep 2017 12:59

Instrument :
BNA_G
ClientSampleId :

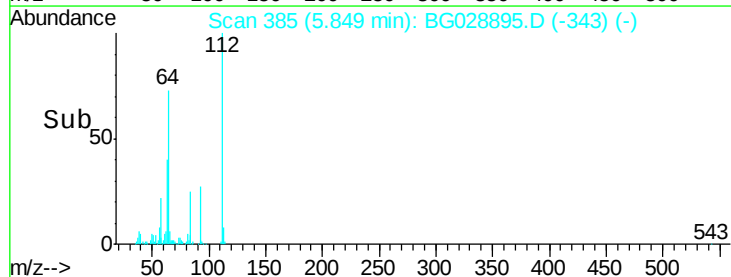
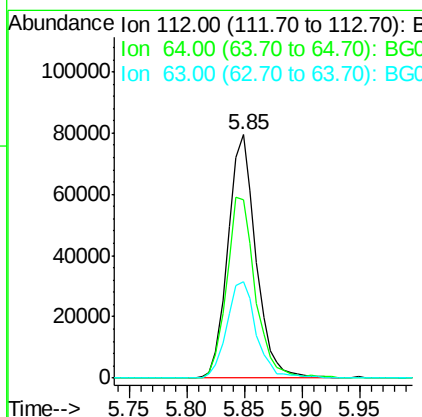
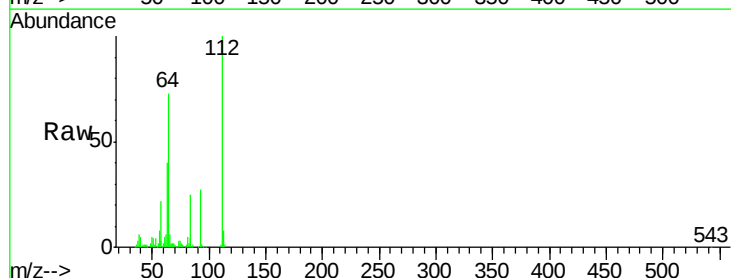
Tot Ion:152 Resp: 68628
Ion Ratio Lower Upper
152 100
150 153.7 114.0 171.0
115 69.4 48.1 72.1

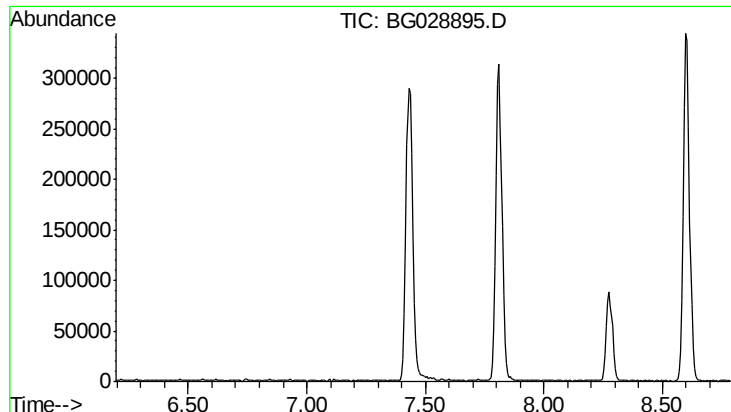


#5

2-Fluorophenol
Concen: 32.13 ng
RT: 5.85 min Scan# 385
Delta R.T. -0.05 min
Lab File: BG028895.D
Acq: 23 Sep 2017 12:59

Tgt Ion:112 Resp: 133617
Ion Ratio Lower Upper
112 100
64 73.2 61.8 92.6
63 39.8 37.2 55.8





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 7.49 min

Lab File: BG028895.D

Acq: 23 Sep 2017 12:59

Instrument :

BNA_G

ClientSampleId :

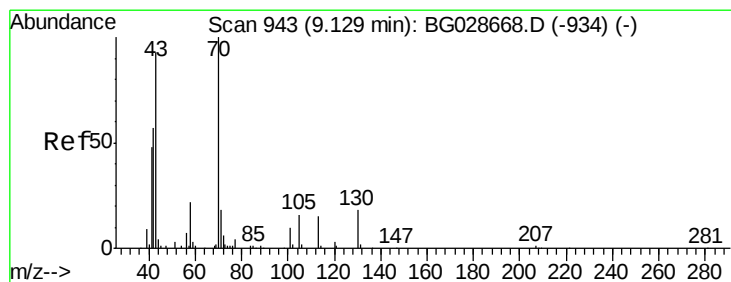
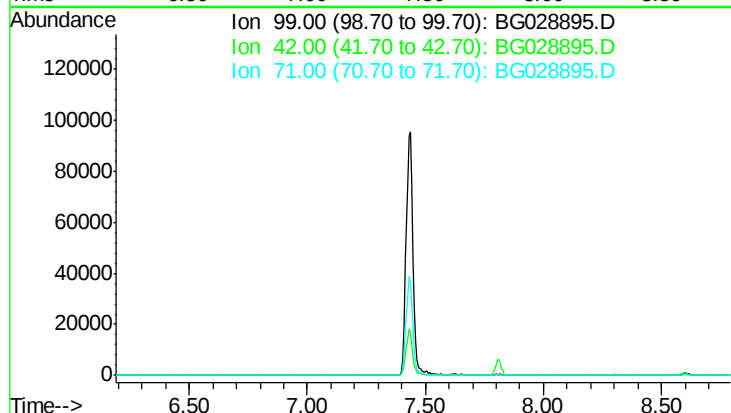
Tot Ion: 99

Sig Exp Ratio

99 100

42 25.6

71 47.0



#19

n-Nitroso-di-n-propylamine

Concen: 5.11 ng

RT: 9.44 min Scan# 997

Delta R.T. 0.32 min

Lab File: BG028895.D

Acq: 23 Sep 2017 12:59

Tgt Ion: 70 Resp: 22680

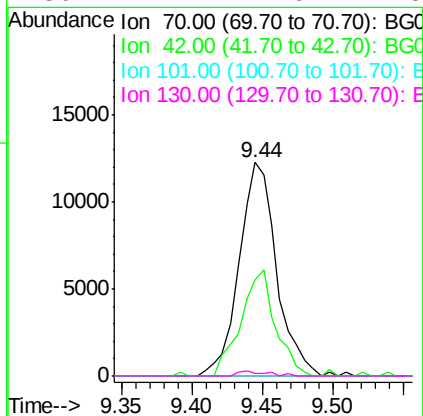
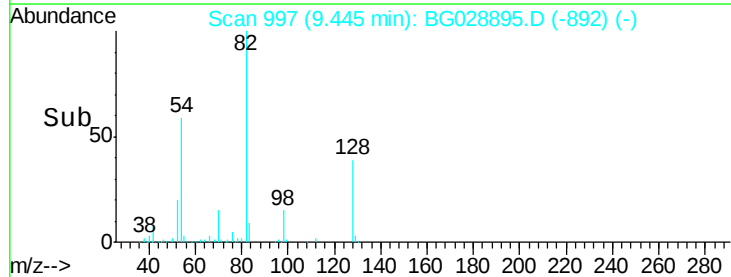
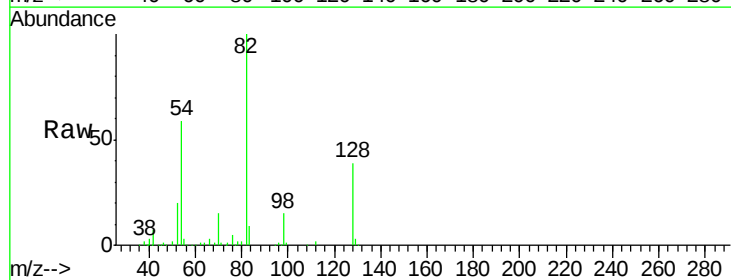
Ion Ratio Lower Upper

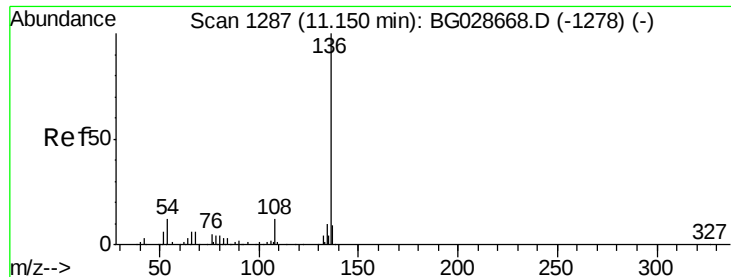
70 100

42 44.9 56.1 84.1#

101 0.0 7.5 11.3#

130 1.4 14.6 21.8#

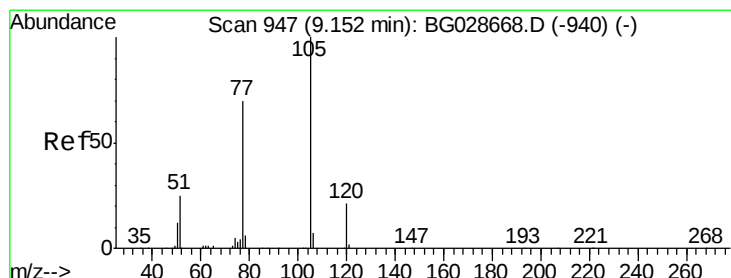
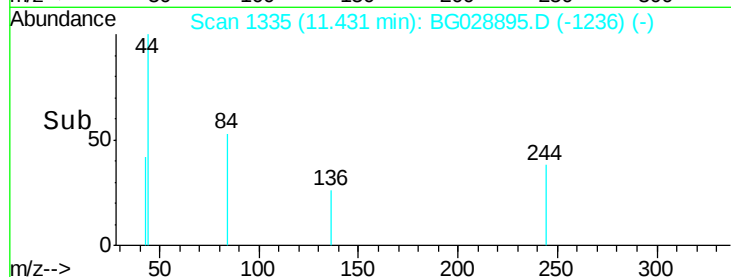
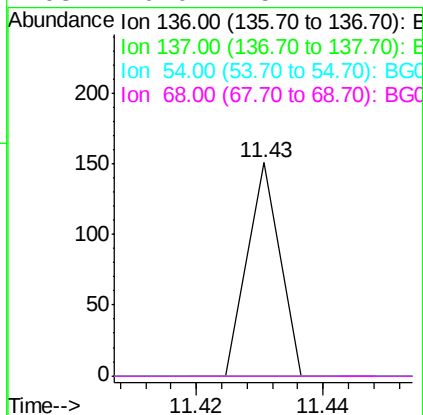
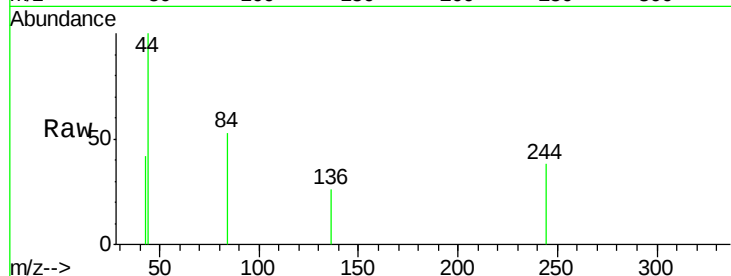




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.43 min Scan# 1335
Delta R.T. 0.28 min
Lab File: BG028895.D
Acq: 23 Sep 2017 12:59

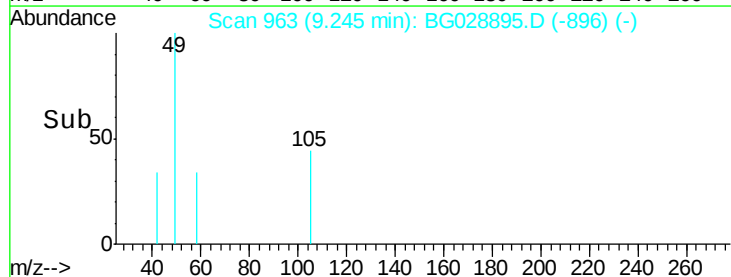
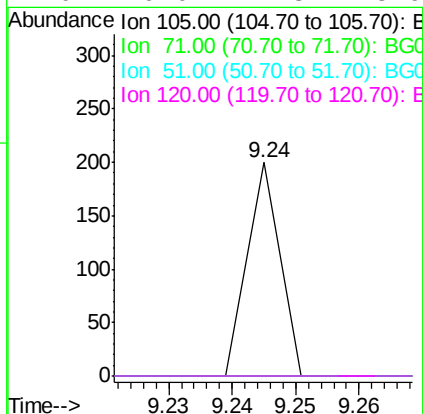
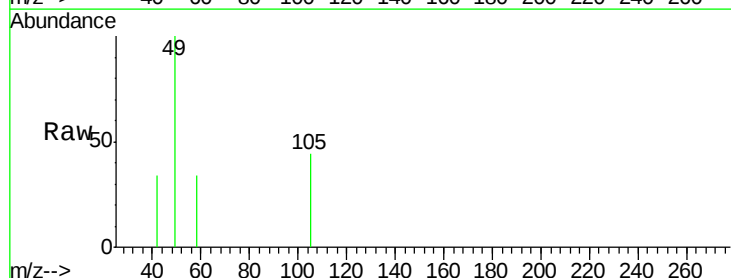
Instrument :
BNA_G
ClientSampleId :

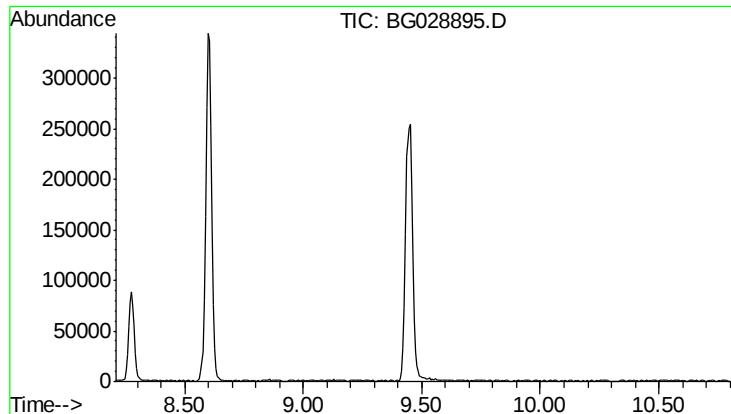
Tot Ion:	136	Resp:	53
Ion	Ratio	Lower	Upper
136	100		
137	0.0	8.9	13.3#
54	0.0	9.3	13.9#
68	0.0	5.1	7.7#



#22
Acetophenone
Concen: 45.82 ng
RT: 9.24 min Scan# 963
Delta R.T. 0.09 min
Lab File: BG028895.D
Acq: 23 Sep 2017 12:59

Tgt Ion:	105	Resp:	71
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#

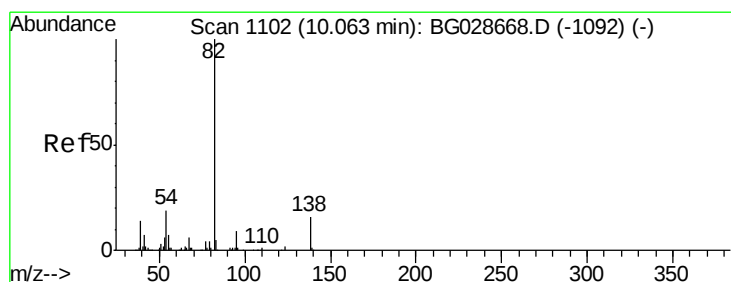
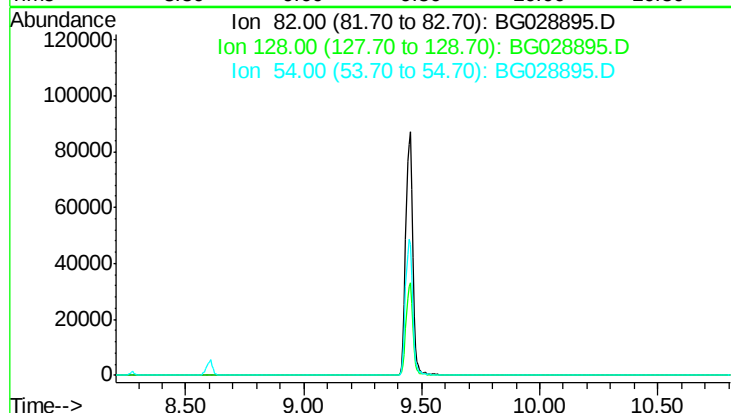




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 9.51 min
 Lab File: BG028895.D
 Acq: 23 Sep 2017 12:59

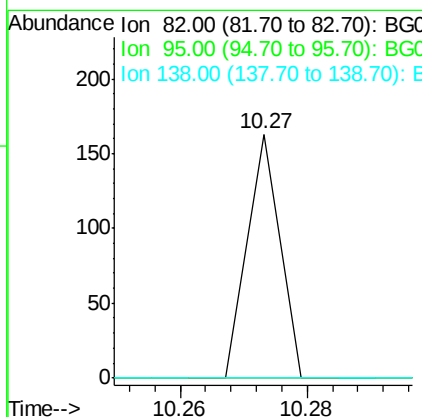
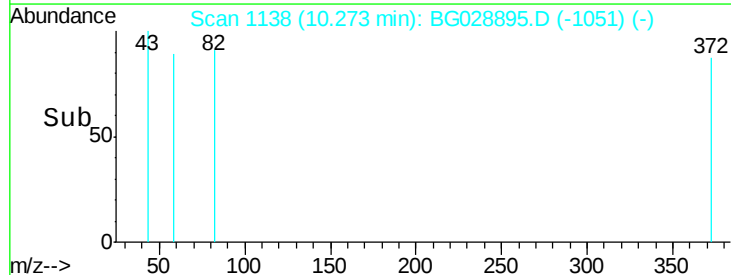
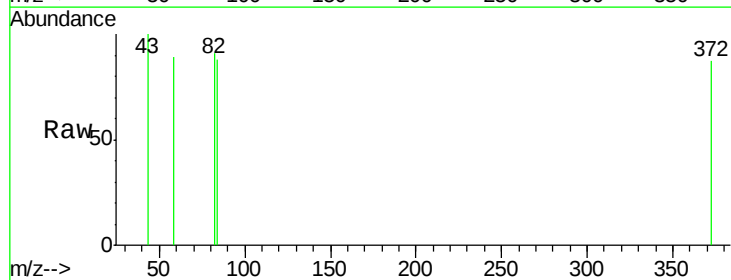
Instrument :
 BNA_G
 ClientSampleId :

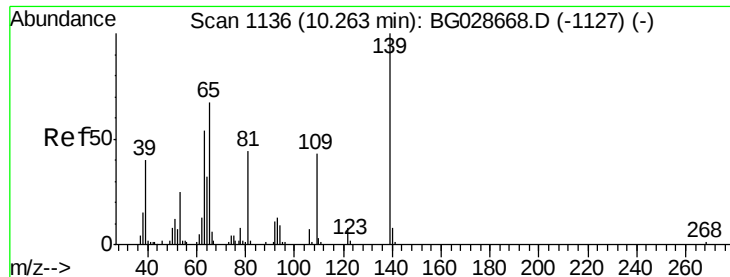
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 33.0
 54 61.8



#25
 Isophorone
 Concen: 25.43 ng
 RT: 10.27 min Scan# 1138
 Delta R.T. 0.21 min
 Lab File: BG028895.D
 Acq: 23 Sep 2017 12:59

Tgt Ion: 82 Resp: 57
 Ion Ratio Lower Upper
 82 100
 95 0.0 7.5 11.3#
 138 0.0 12.3 18.5#





#26

2-Nitrophenol

Concen: 164.71 ng

RT: 10.40 min Scan# 1159

Delta R.T. 0.13 min

Lab File: BG028895.D

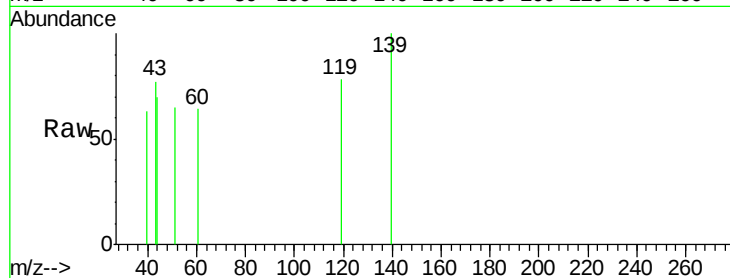
Acq: 23 Sep 2017 12:59

Instrument :

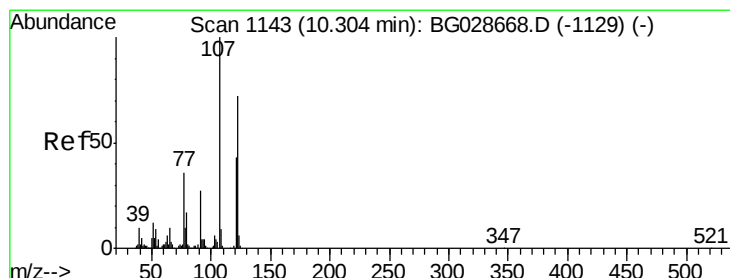
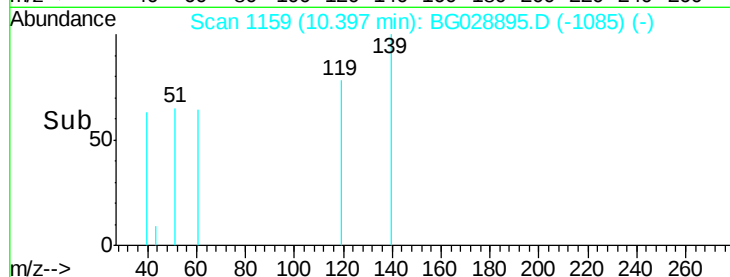
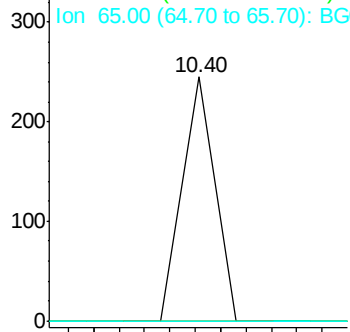
BNA_G

ClientSampleId :

Tot Ion:139	Resp:	86
Ion Ratio	Lower	Upper
139	100	
109	0.0	38.6 58.0#
65	0.0	57.1 85.7#



Abundance Ion 139.00 (138.70 to 139.70): E



#27

2,4-Dimethylphenol

Concen: 72.30 ng

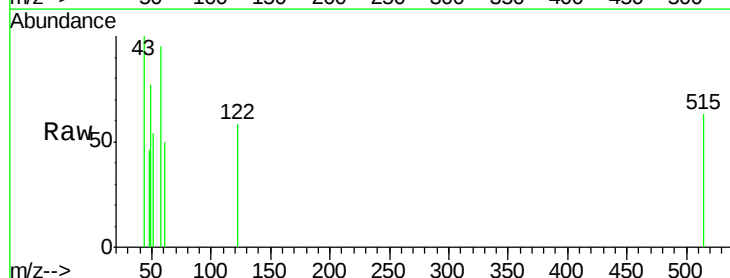
RT: 10.64 min Scan# 1200

Delta R.T. 0.33 min

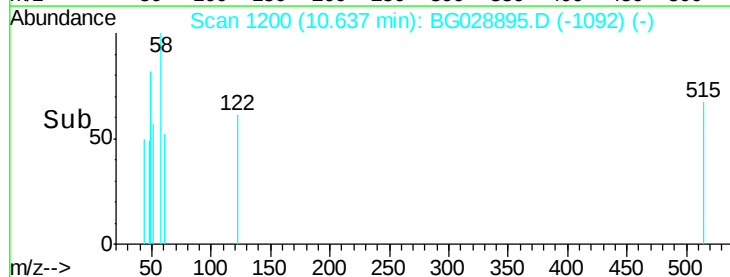
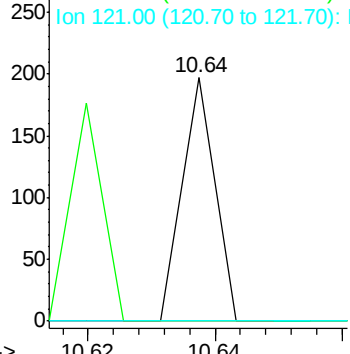
Lab File: BG028895.D

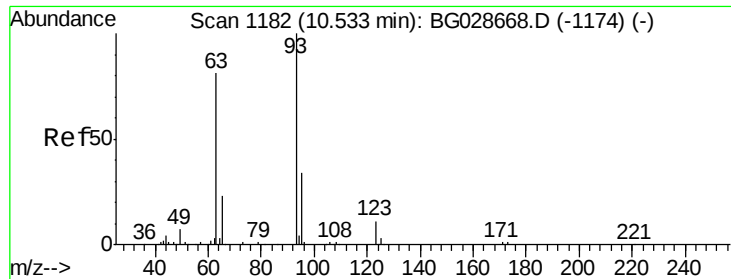
Acq: 23 Sep 2017 12:59

Tgt Ion:122	Resp:	69
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

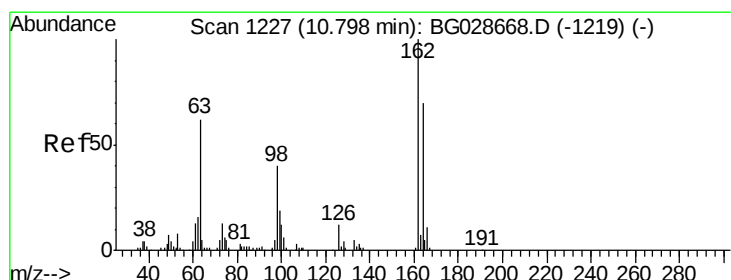
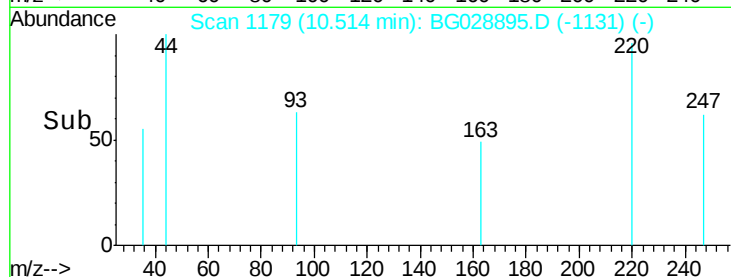
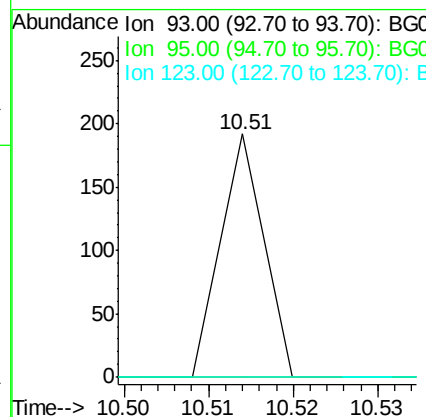
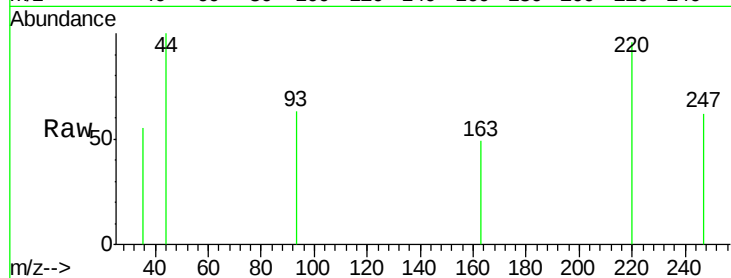




#28
bis(2-Chloroethoxy)methane
Concen: 55.86 ng
RT: 10.51 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BG028895.D
Acq: 23 Sep 2017 12:59

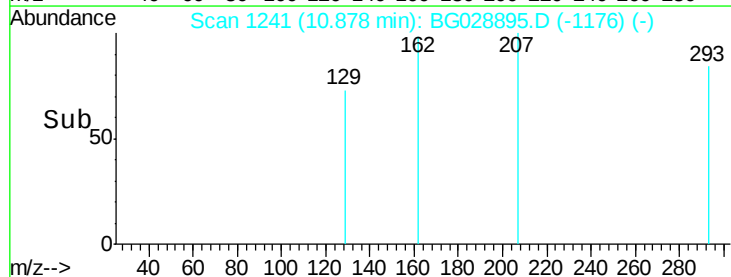
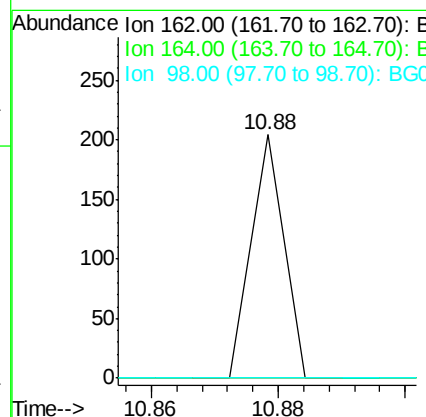
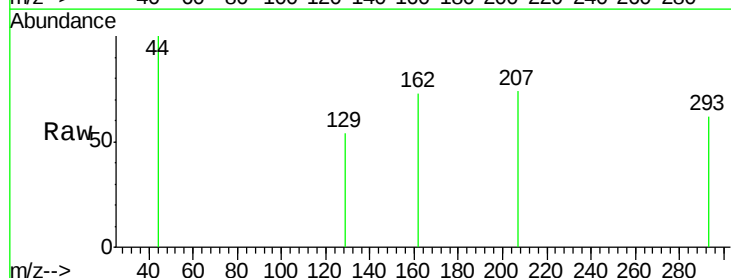
Instrument :
BNA_G
ClientSampled :

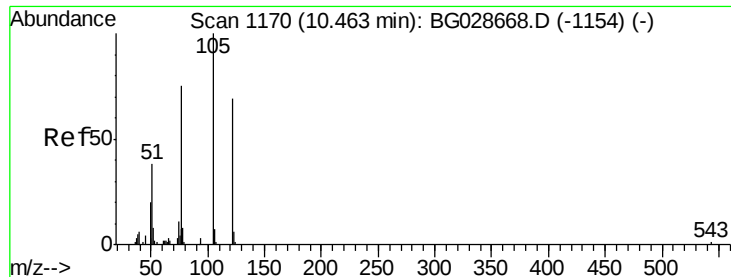
Tot Ion: 93 Resp: 68
Ion Ratio Lower Upper
93 100
95 0.0 25.7 38.5#
123 0.0 8.3 12.5#



#29
2,4-Dichlorophenol
Concen: 75.82 ng
RT: 10.88 min Scan# 1241
Delta R.T. 0.08 min
Lab File: BG028895.D
Acq: 23 Sep 2017 12:59

Tgt Ion: 162 Resp: 72
Ion Ratio Lower Upper
162 100
164 0.0 42.4 82.4#
98 0.0 20.3 60.3#





#32

Benzoic acid

Concen: 94.98 ng

RT: 10.64 min Scan# 1200

Delta R.T. 0.18 min

Lab File: BG028895.D

Acq: 23 Sep 2017 12:59

Instrument :

BNA_G

ClientSampleId :

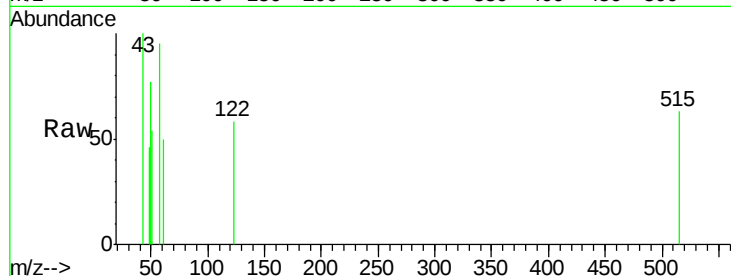
Tot Ion:122 Resp: 69

Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

77 0.0 104.6 144.6#



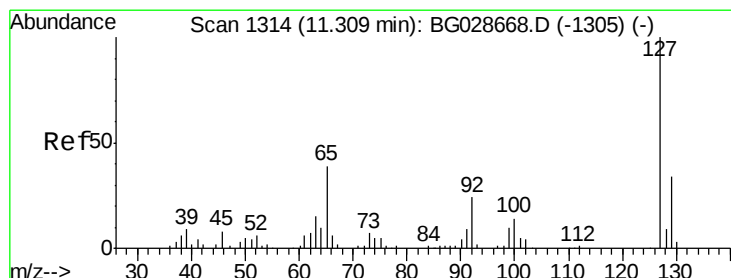
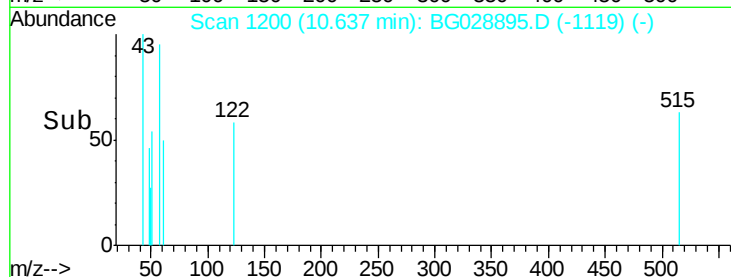
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

10.64

Time-->



#33

4-Chloroaniline

Concen: 50.88 ng

RT: 11.71 min Scan# 1383

Delta R.T. 0.40 min

Lab File: BG028895.D

Acq: 23 Sep 2017 12:59

Tgt Ion:127 Resp: 59

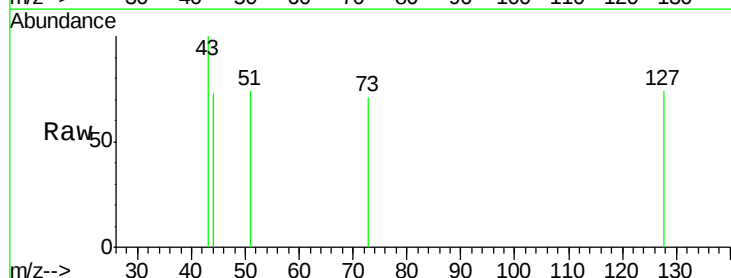
Ion Ratio Lower Upper

127 100

129 0.0 23.6 35.4#

65 0.0 37.7 56.5#

92 0.0 17.6 26.4#



Abundance Ion 127.00 (126.70 to 127.70): E

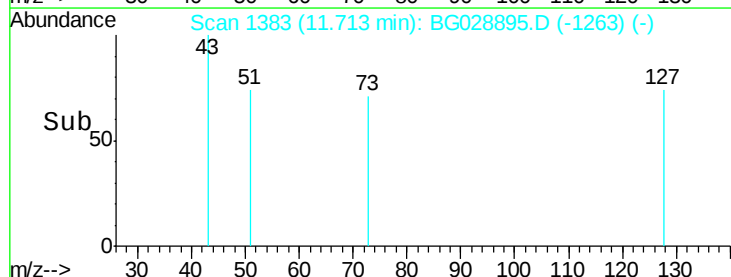
Ion 129.00 (128.70 to 129.70): E

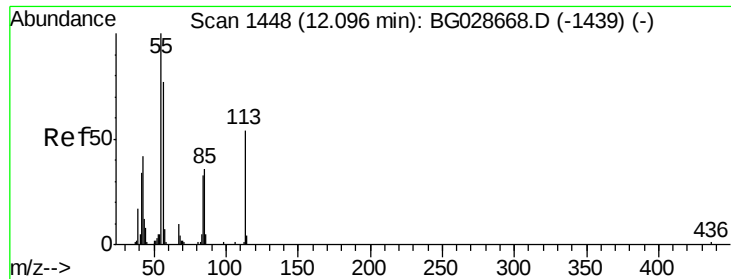
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

11.71

Time-->





#35

Caprolactam

Concen: 173.26 ng

RT: 12.21 min Scan# 1468

Delta R.T. 0.12 min

Lab File: BG028895.D

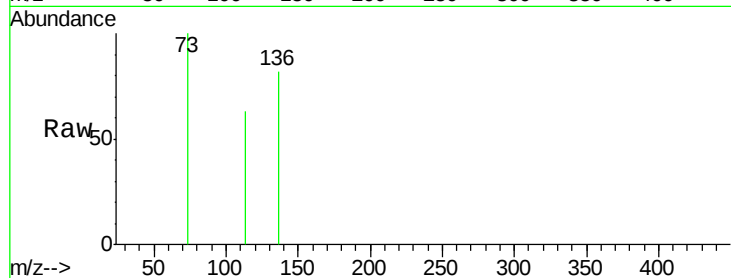
Acq: 23 Sep 2017 12:59

Instrument :

BNA_G

ClientSampleId :

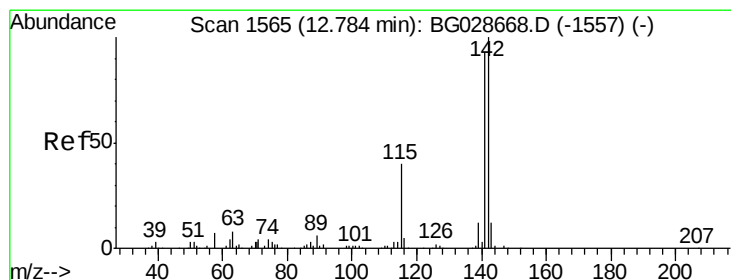
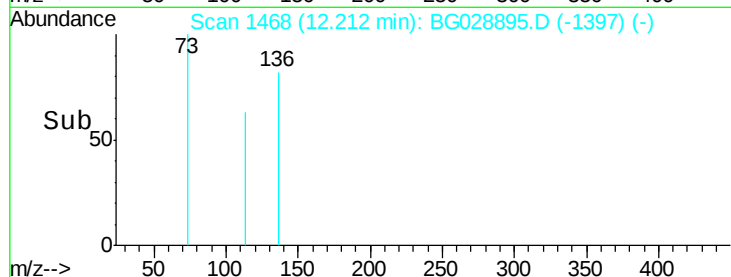
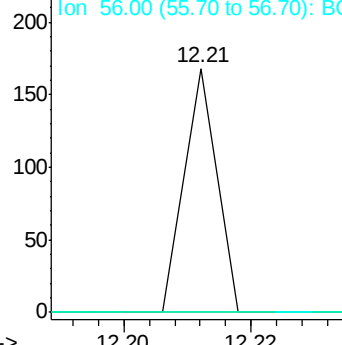
Tot Ion	Ratio	Lower	Upper
113	100		
55	0.0	198.6	238.6#
56	0.0	140.4	180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#37

2-Methylnaphthalene

Concen: 25.64 ng

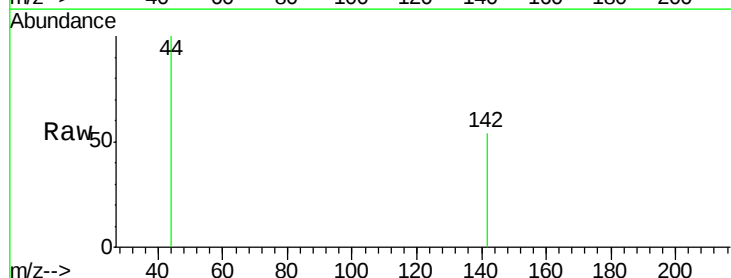
RT: 13.19 min Scan# 1635

Delta R.T. 0.41 min

Lab File: BG028895.D

Acq: 23 Sep 2017 12:59

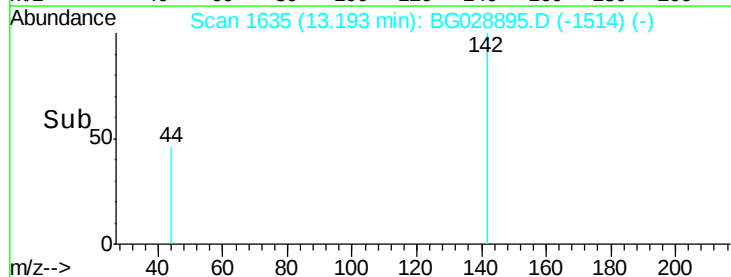
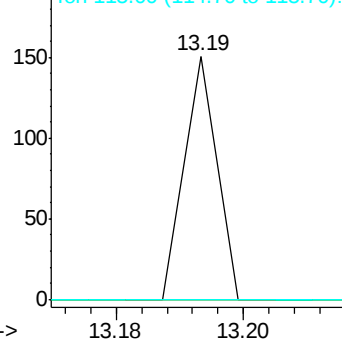
Tgt Ion	Ratio	Lower	Upper
142	100		
141	100.0	70.4	105.6
115	0.0	35.5	53.3#

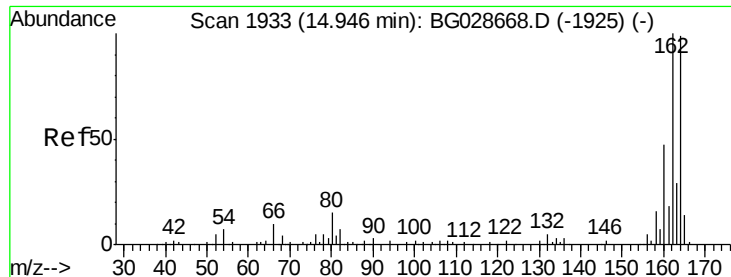


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.19 min Scan# 1974

Delta R.T. 0.24 min

Lab File: BG028895.D

Acq: 23 Sep 2017 12:59

Instrument :

BNA_G

ClientSampleId :

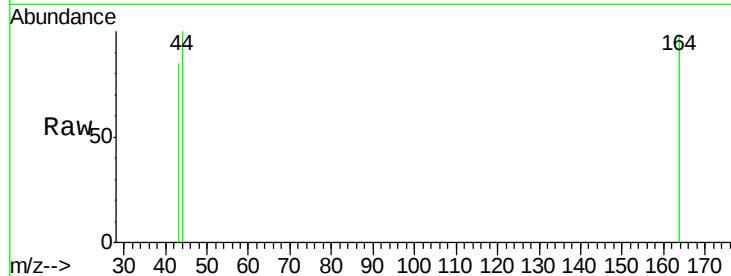
Tot Ion:164 Resp: 70

Ion Ratio Lower Upper

164 100

162 0.0 85.1 127.7#

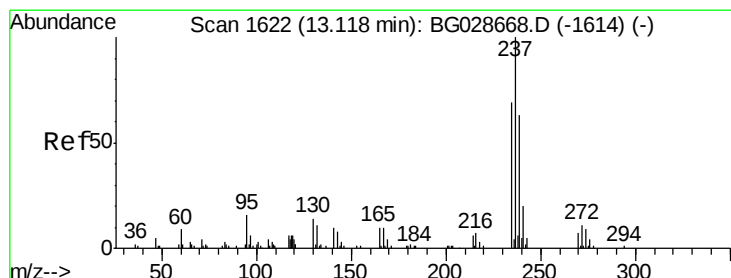
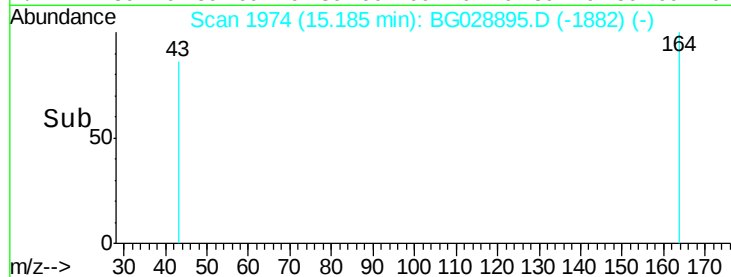
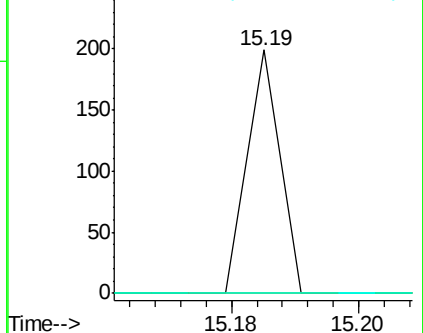
160 0.0 34.7 52.1#



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



#40

Hexachlorocyclopentadiene

Concen: 52.93 ng

RT: 13.20 min Scan# 1636

Delta R.T. 0.08 min

Lab File: BG028895.D

Acq: 23 Sep 2017 12:59

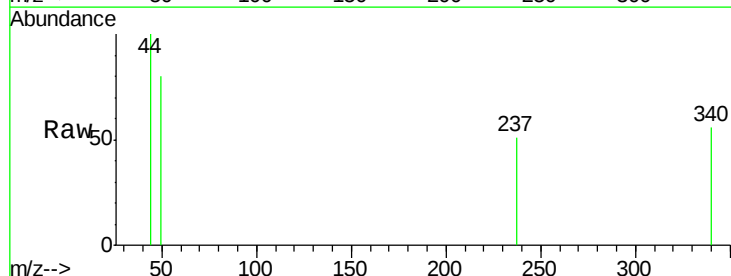
Tgt Ion:237 Resp: 56

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

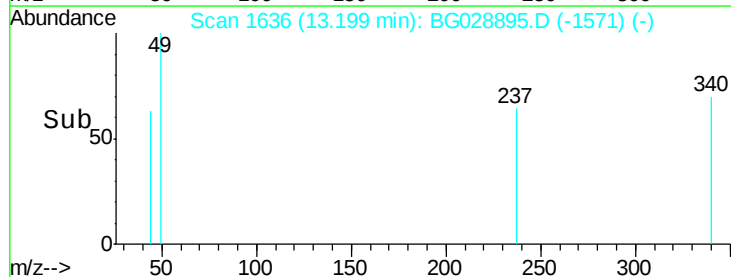
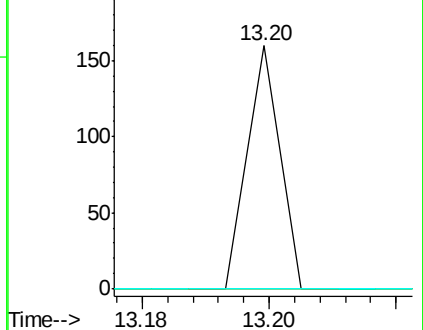
272 0.0 0.0 32.0

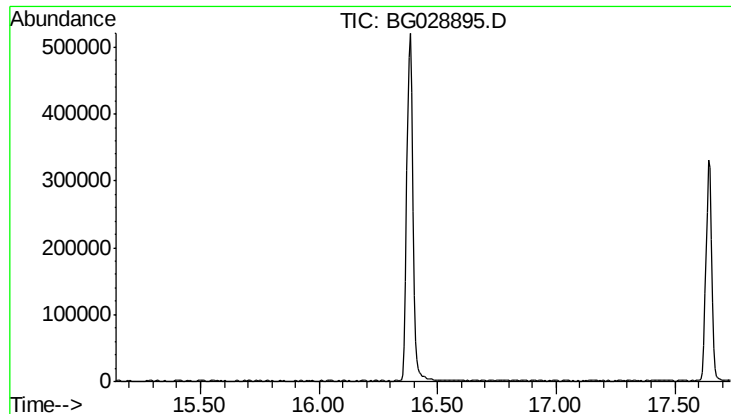


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

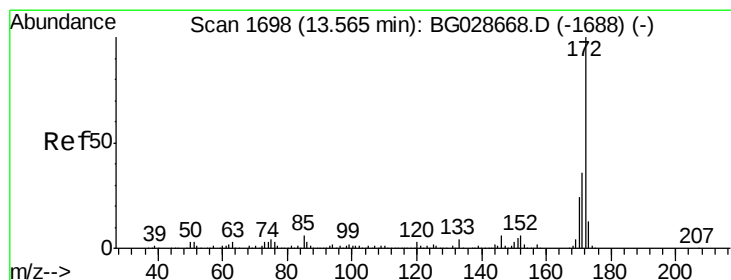
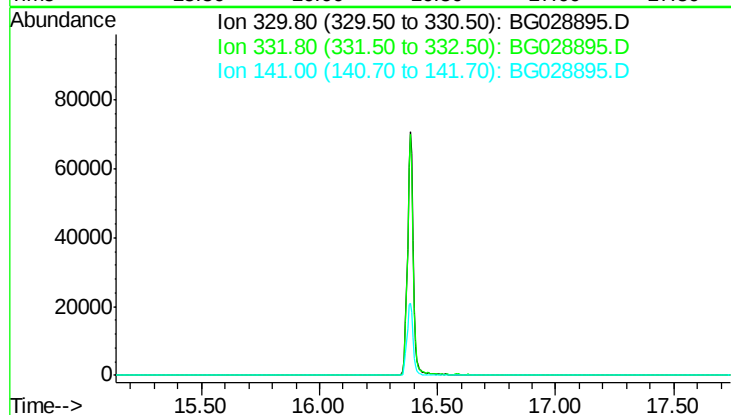




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 16.44 min
 Lab File: BG028895.D
 Acq: 23 Sep 2017 12:59

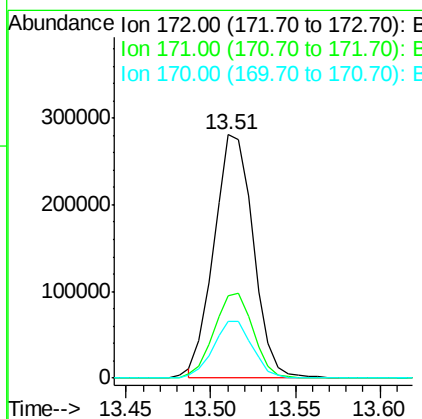
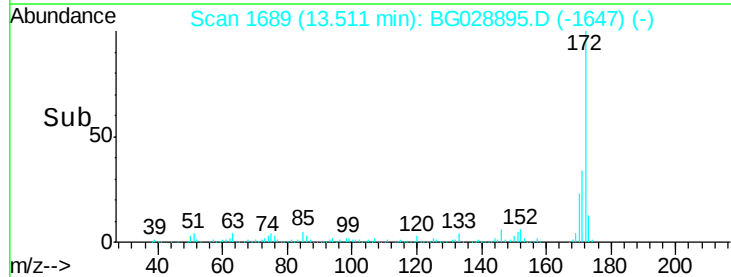
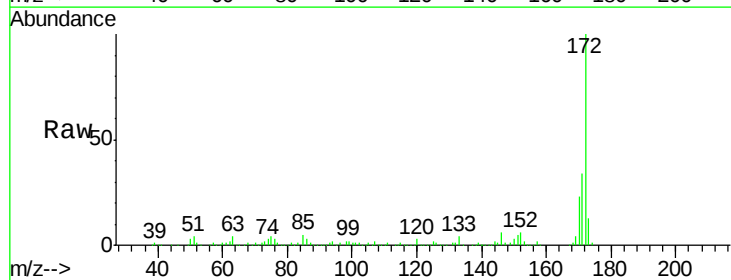
Instrument :
 BNA_G
 ClientSampleId :

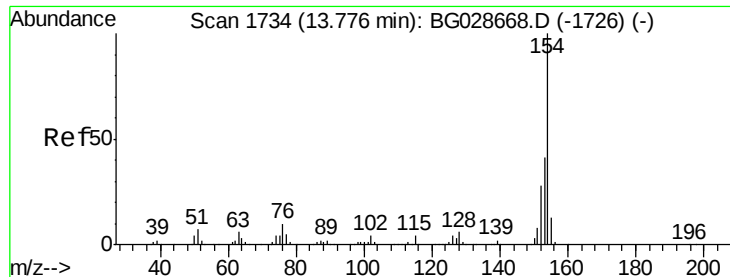
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.6
 141 40.1



#44
 2-Fluorobiphenyl
 Concen: 85909.36 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028895.D
 Acq: 23 Sep 2017 12:59

Tgt Ion: 172 Resp: 450994
 Ion Ratio Lower Upper
 172 100
 171 33.7 32.2 48.2
 170 23.3 21.8 32.6

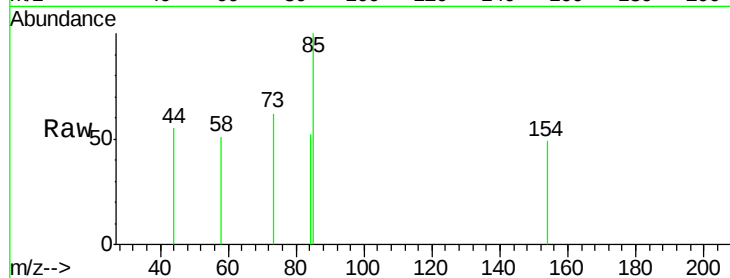




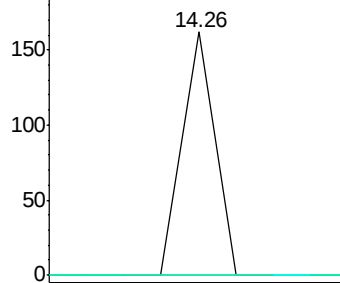
#45
 1,1'-Biphenyl
 Concen: 9.83 ng
 RT: 14.26 min Scan# 1816
 Delta R.T. 0.48 min
 Lab File: BG028895.D
 Acq: 23 Sep 2017 12:59

Instrument :
 BNA_G
 ClientSampleId :

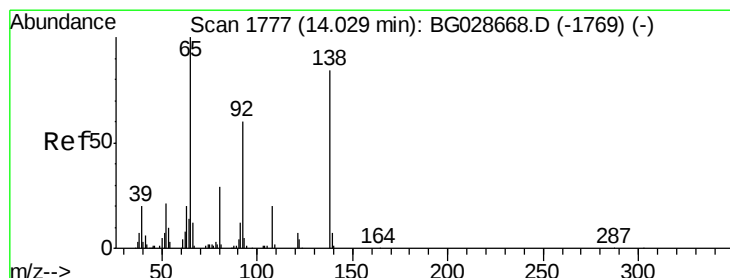
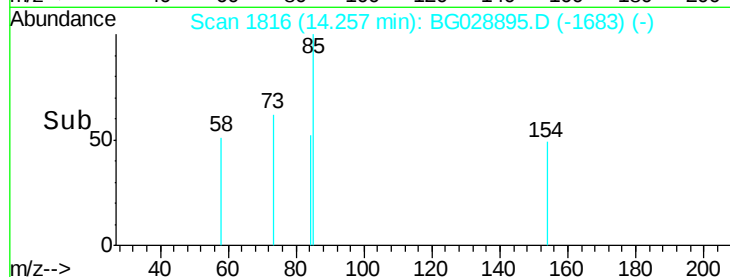
Tot Ion	Ratio	Lower	Upper
154	100		
153	0.0	23.0	63.0#
76	0.0	0.0	33.5



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): BGC

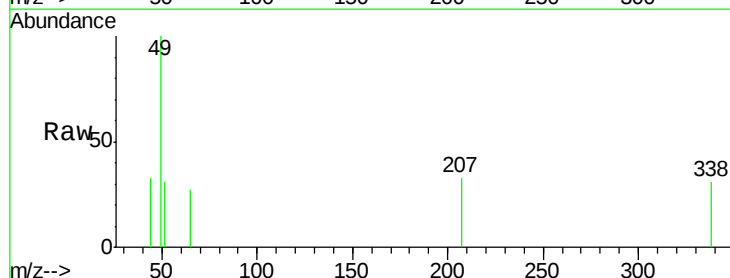


Time-->

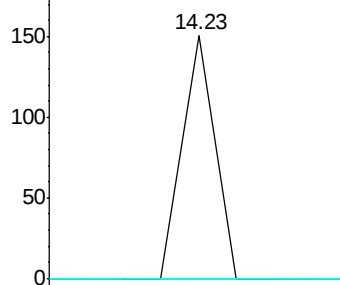


#47
 2-Nitroaniline
 Concen: 33.73 ng
 RT: 14.23 min Scan# 1812
 Delta R.T. 0.20 min
 Lab File: BG028895.D
 Acq: 23 Sep 2017 12:59

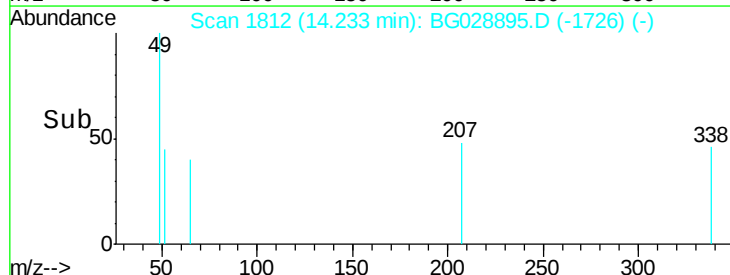
Tgt Ion	Ratio	Lower	Upper
65	100		
92	0.0	49.0	73.4#
138	0.0	58.6	87.8#

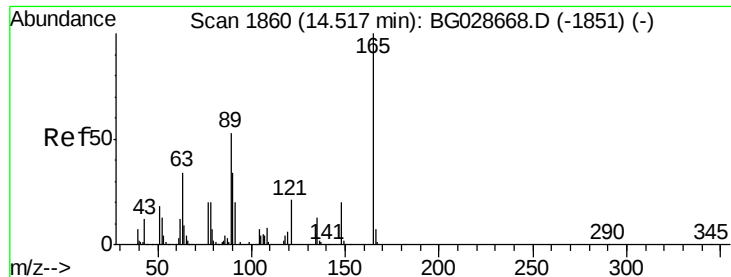


Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E



Time-->





#50

2,6-Dinitrotoluene

Concen: 6651.02 ng

RT: 14.90 min Scan# 1925

Delta R.T. 0.38 min

Lab File: BG028895.D

Acq: 23 Sep 2017 12:59

Instrument :

BNA_G

ClientSampleId :

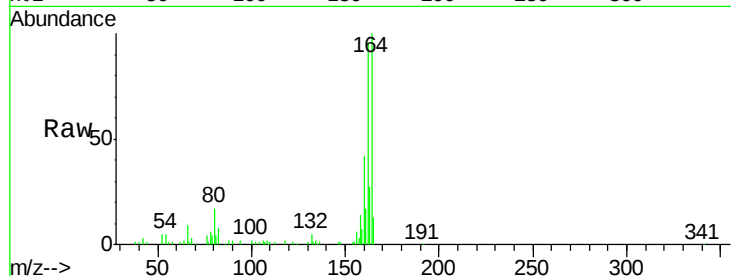
Tot Ion:165 Resp: 8687

Ion Ratio Lower Upper

165 100

63 0.0 63.9 95.9#

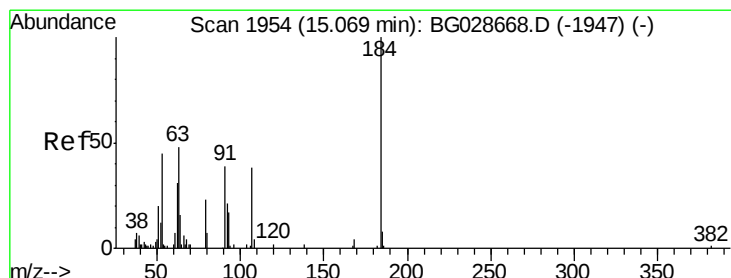
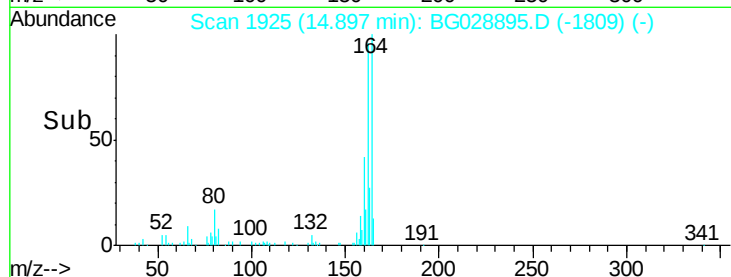
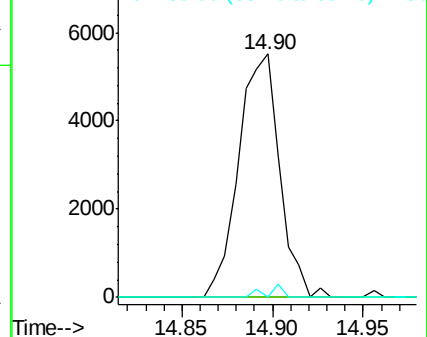
89 0.0 58.6 88.0#



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



#53

2,4-Dinitrophenol

Concen: 93.00 ng

RT: 15.58 min Scan# 2042

Delta R.T. 0.52 min

Lab File: BG028895.D

Acq: 23 Sep 2017 12:59

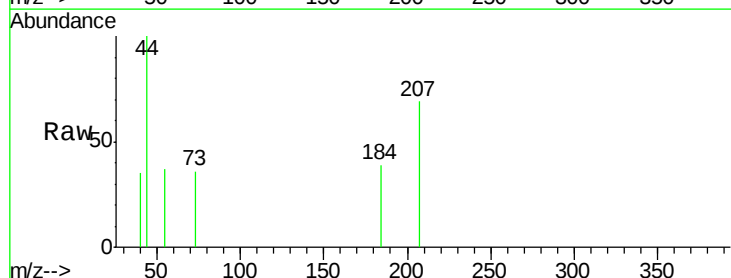
Tgt Ion:184 Resp: 65

Ion Ratio Lower Upper

184 100

63 0.0 52.7 79.1#

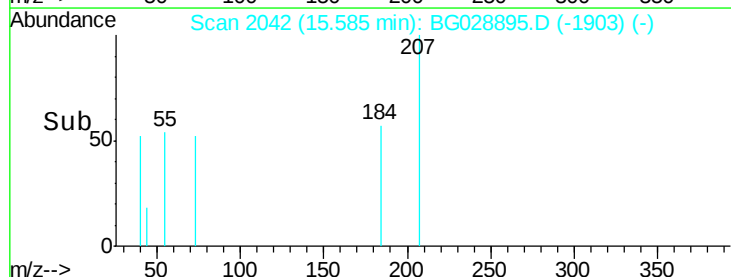
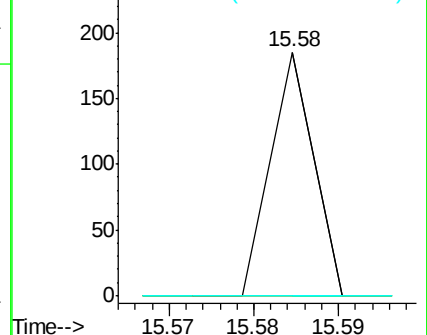
154 0.0 57.3 85.9#

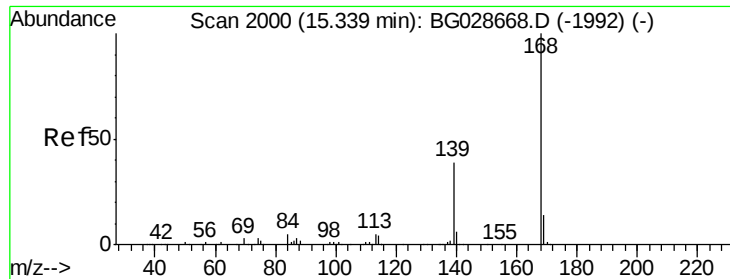


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 8.71 ng

RT: 15.40 min Scan# 2011

Delta R.T. 0.06 min

Lab File: BG028895.D

Acq: 23 Sep 2017 12:59

Instrument :

BNA_G

ClientSampleId :

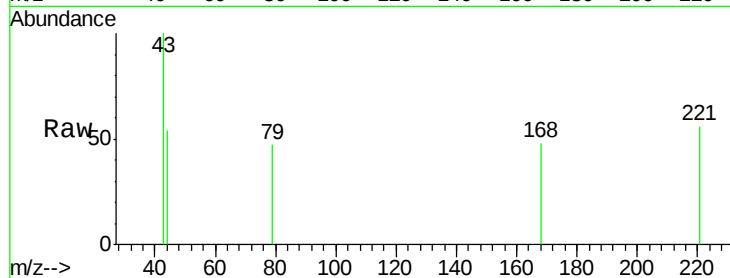
Tot Ion:168 Resp: 57

Ion Ratio Lower Upper

168 100

139 0.0 35.3 52.9#

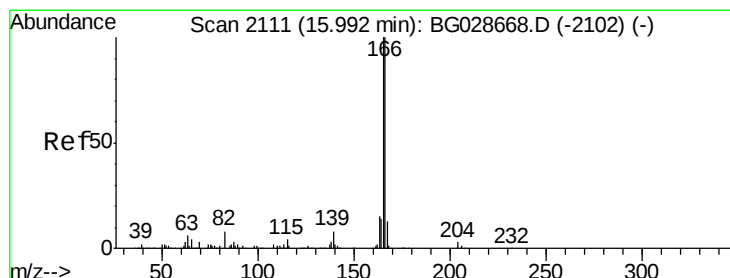
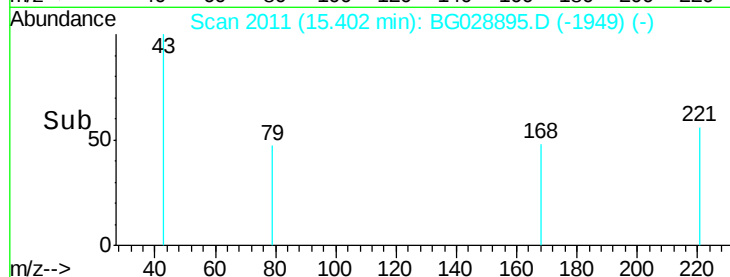
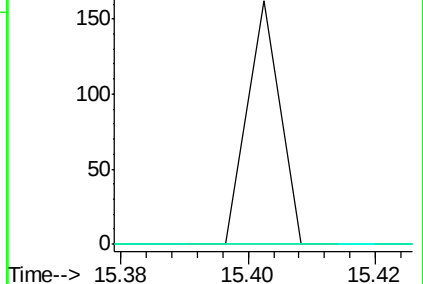
169 0.0 11.5 17.3#



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



#57

Fluorene

Concen: 667.87 ng

RT: 16.38 min Scan# 2178

Delta R.T. 0.39 min

Lab File: BG028895.D

Acq: 23 Sep 2017 12:59

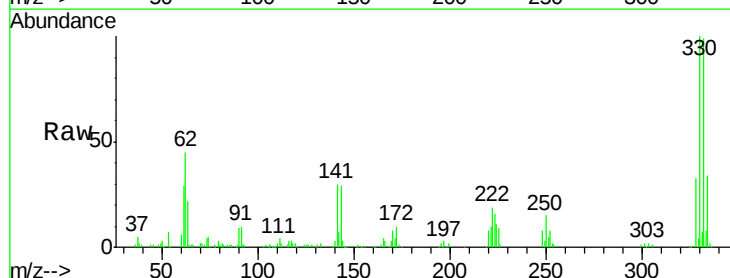
Tgt Ion:166 Resp: 3901

Ion Ratio Lower Upper

166 100

165 109.3 78.6 117.8

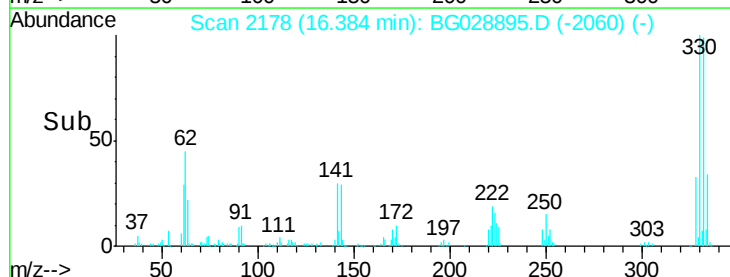
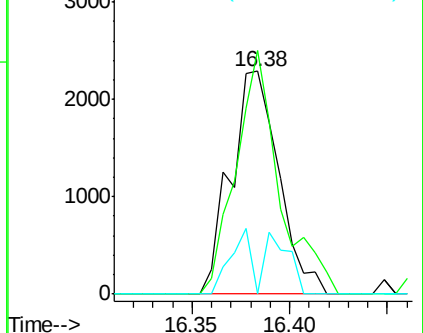
167 0.0 11.6 17.4#

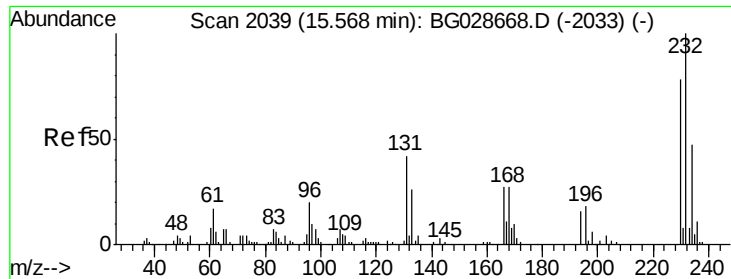


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

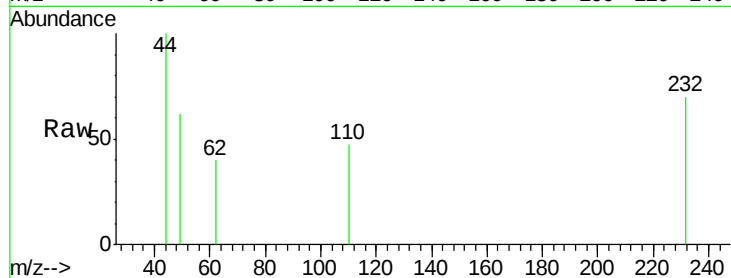




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 56.25 ng
 RT: 15.70 min Scan# 2062
 Delta R.T. 0.13 min
 Lab File: BG028895.D
 Acq: 23 Sep 2017 12:59

Instrument :
 BNA_G
 ClientSampled :

Tot 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#

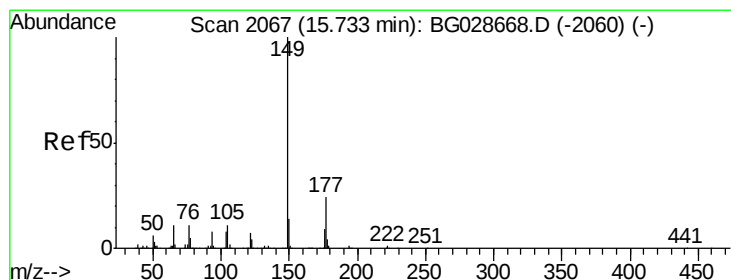
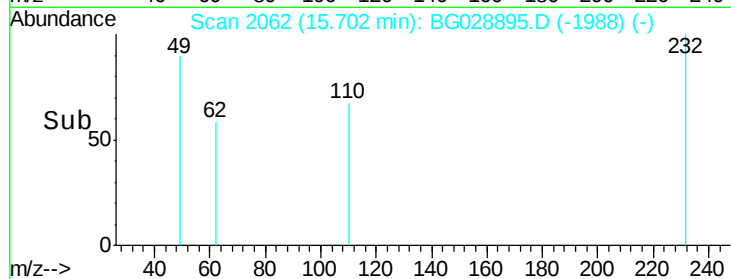
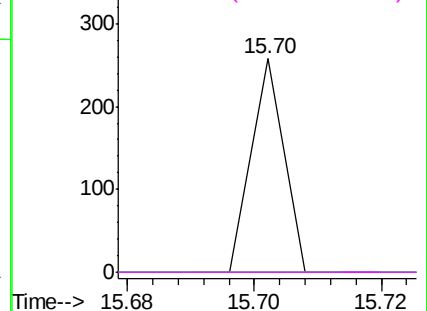


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

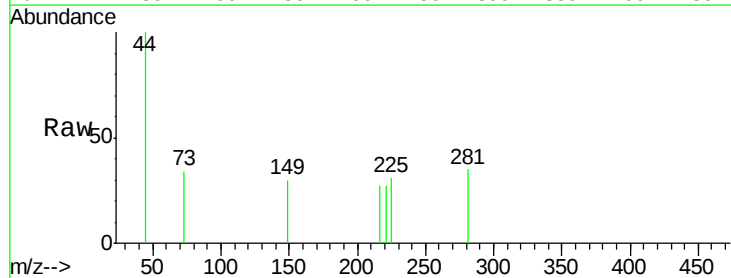
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 10.28 ng
 RT: 15.74 min Scan# 2068
 Delta R.T. 0.00 min
 Lab File: BG028895.D
 Acq: 23 Sep 2017 12:59

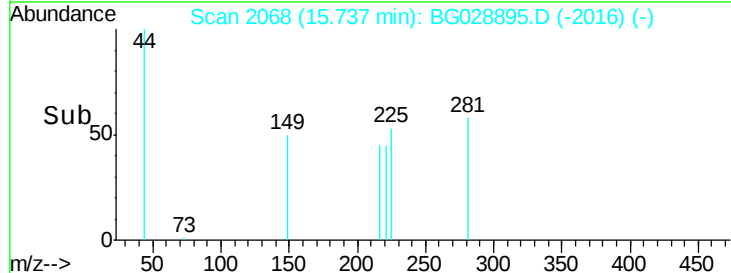
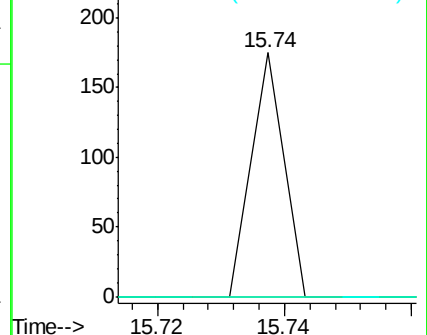
Tgt Ion	Ratio	Lower	Upper
149	100		
177	0.0	20.1	30.1#
150	0.0	10.2	15.2#

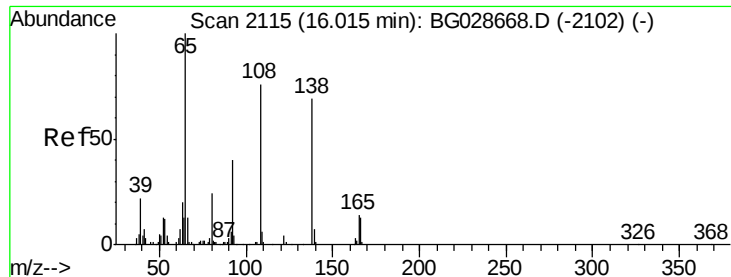


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

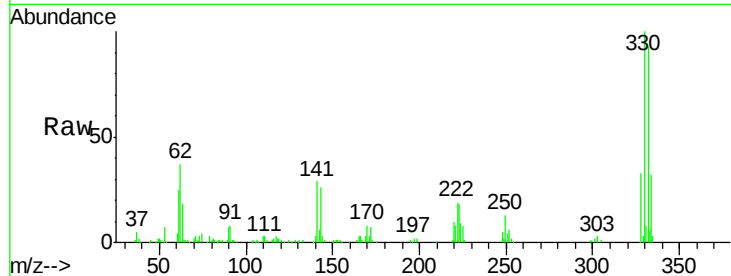




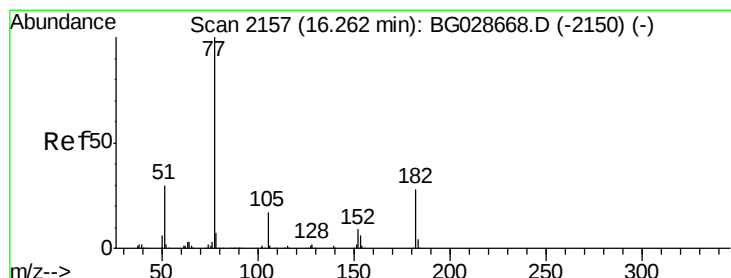
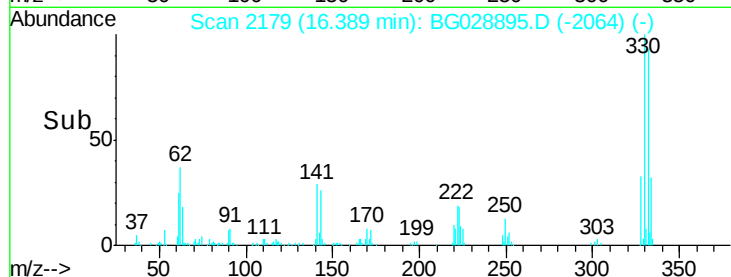
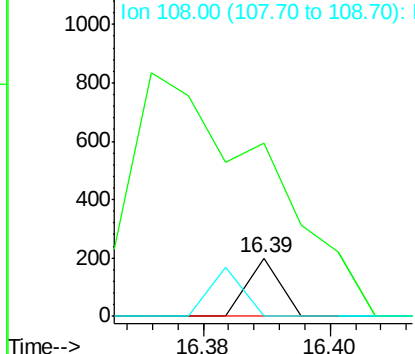
#61
4-Nitroaniline
Concen: 57.21 ng
RT: 16.39 min Scan# 2179
Delta R.T. 0.37 min
Lab File: BG028895.D
Acq: 23 Sep 2017 12:59

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 70
Ion Ratio Lower Upper
138 100
92 298.0 44.2 84.2#
108 0.0 104.8 144.8#

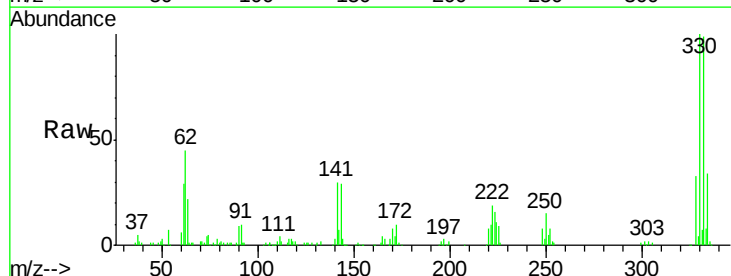


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

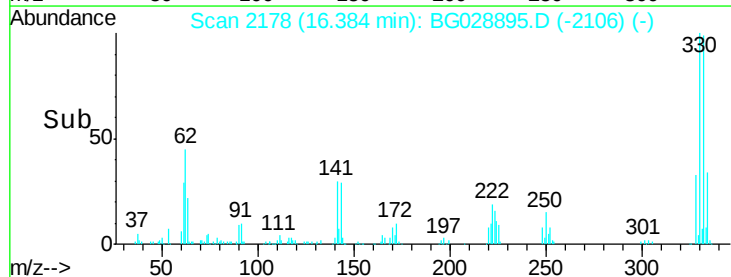
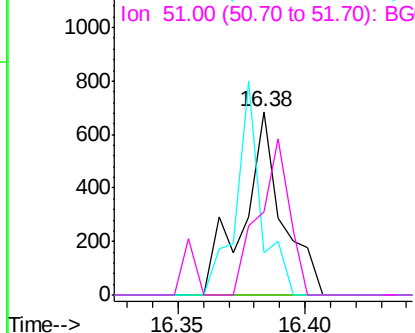


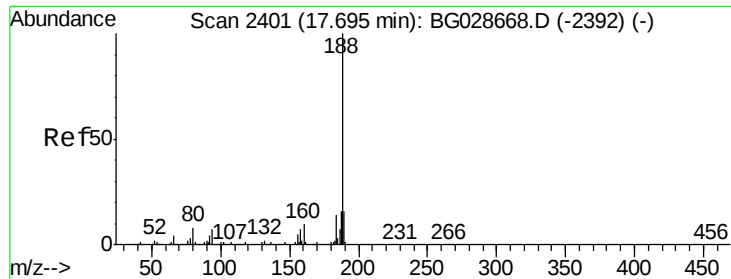
#62
Azobenzene
Concen: 145.27 ng
RT: 16.38 min Scan# 2178
Delta R.T. 0.12 min
Lab File: BG028895.D
Acq: 23 Sep 2017 12:59

Tgt Ion: 77 Resp: 737
Ion Ratio Lower Upper
77 100
182 0.0 4.7 44.7#
105 23.2 0.0 36.3
51 45.7 16.4 56.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

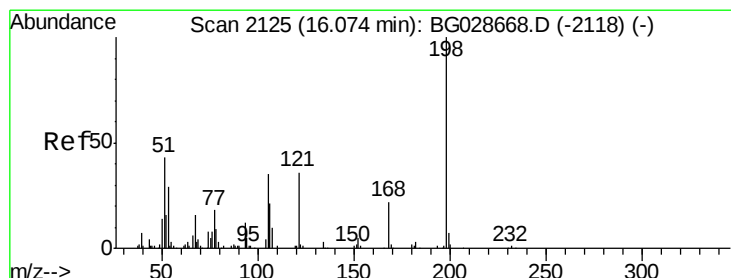
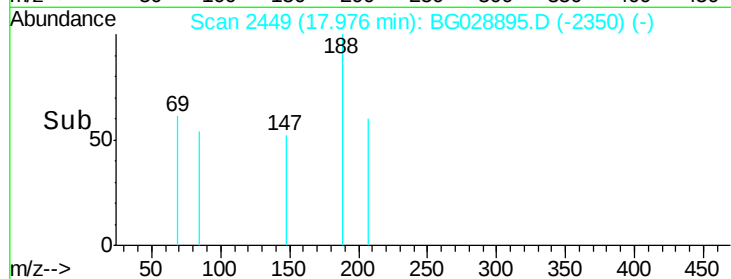
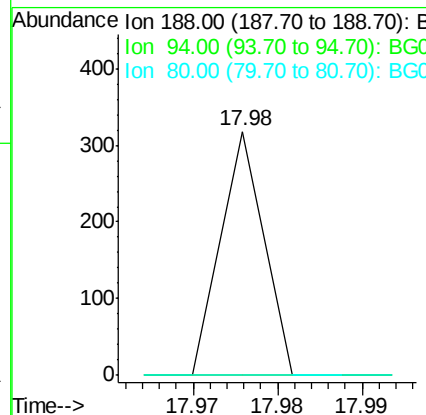
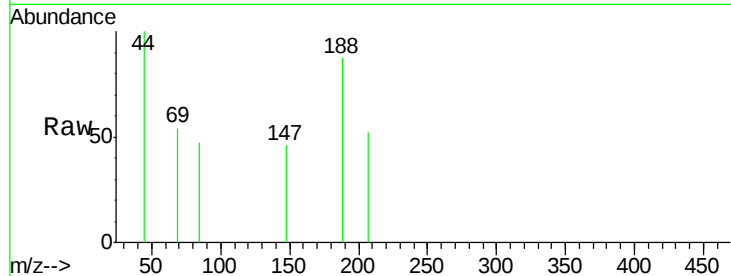




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.98 min Scan# 2449
 Delta R.T. 0.28 min
 Lab File: BG028895.D
 Acq: 23 Sep 2017 12:59

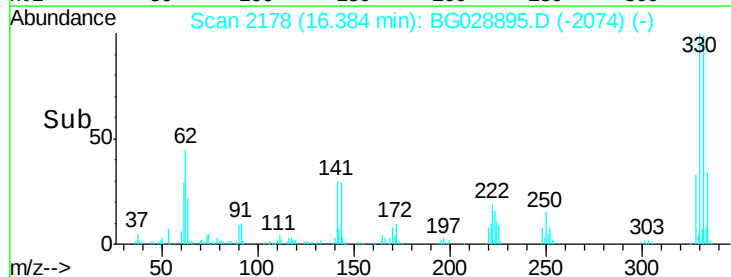
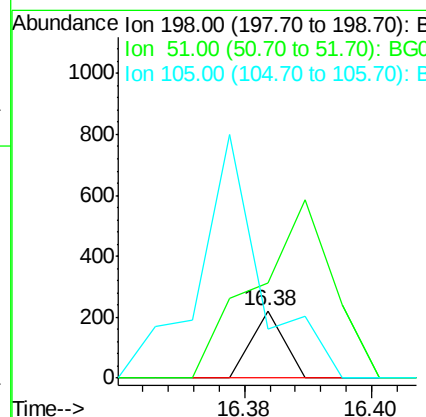
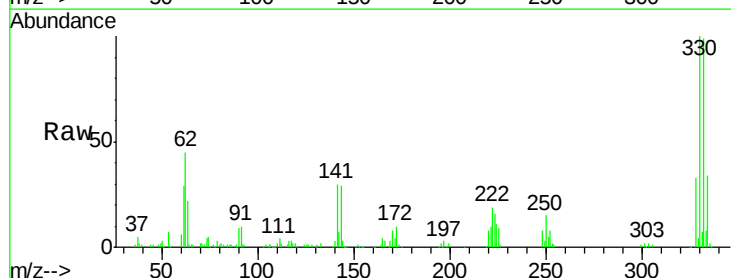
Instrument :
 BNA_G
 ClientSampleId :

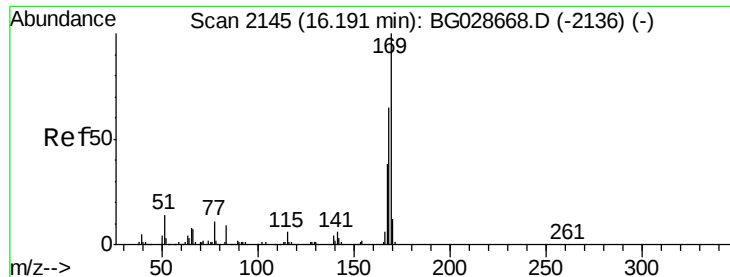
Tot Ion:188 Resp: 112
 Ion Ratio Lower Upper
 188 100
 94 0.0 5.8 8.8#
 80 0.0 7.5 11.3#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 107.93 ng
 RT: 16.38 min Scan# 2178
 Delta R.T. 0.31 min
 Lab File: BG028895.D
 Acq: 23 Sep 2017 12:59

Tgt Ion:198 Resp: 78
 Ion Ratio Lower Upper
 198 100
 51 142.3 22.6 62.6#
 105 72.3 14.4 54.4#





#65

n-Nitrosodiphenylamine

Concen: 1107.87 ng

RT: 16.38 min Scan# 2178

Delta R.T. 0.19 min

Lab File: BG028895.D

Acq: 23 Sep 2017 12:59

Instrument :

BNA_G

ClientSampleId :

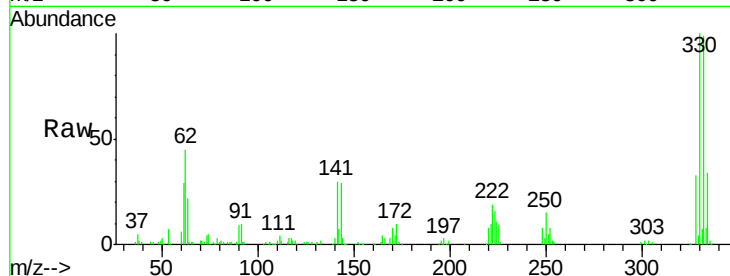
Tot Ion:169 Resp: 3557

Ion Ratio Lower Upper

169 100

168 12.8 55.7 83.5#

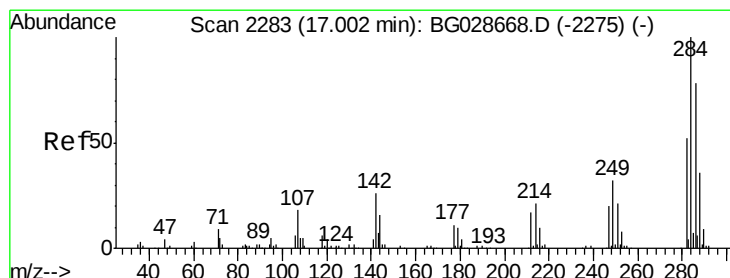
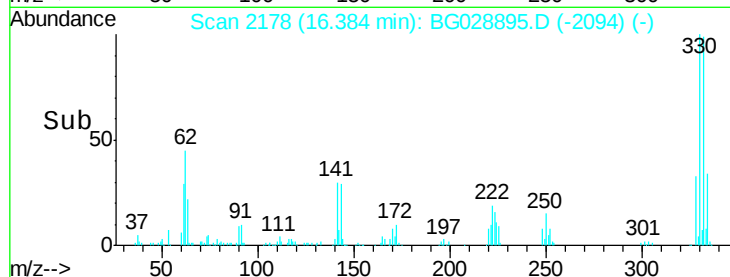
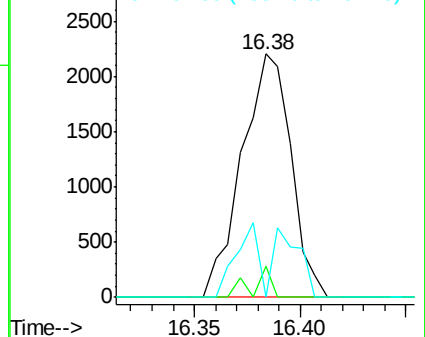
167 0.0 29.8 44.6#



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



#67

Hexachlorobenzene

Concen: 35.36 ng

RT: 17.19 min Scan# 2316

Delta R.T. 0.19 min

Lab File: BG028895.D

Acq: 23 Sep 2017 12:59

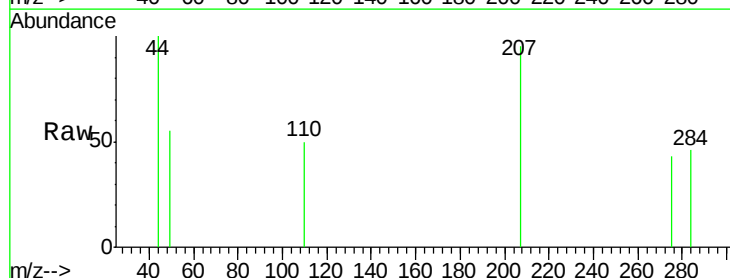
Tgt Ion:284 Resp: 58

Ion Ratio Lower Upper

284 100

142 0.0 29.9 44.9#

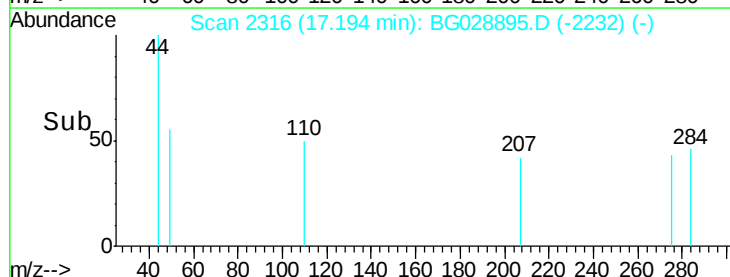
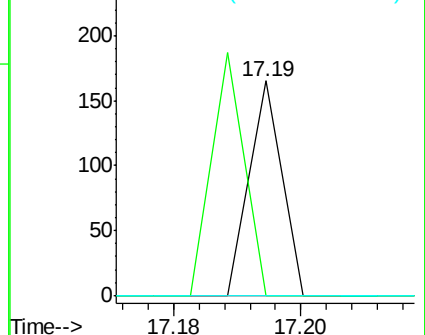
249 0.0 29.2 43.8#

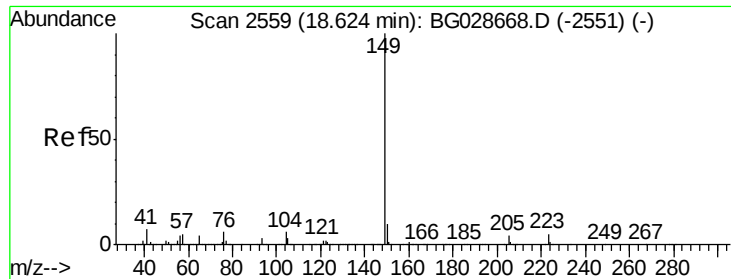


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

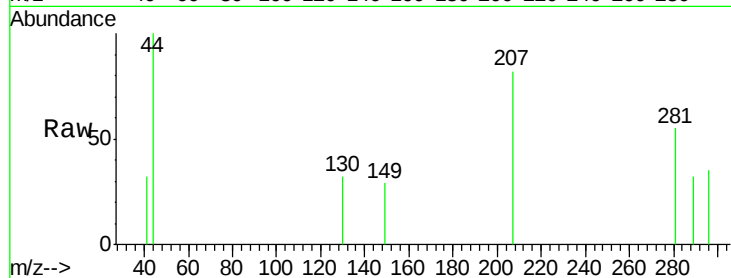




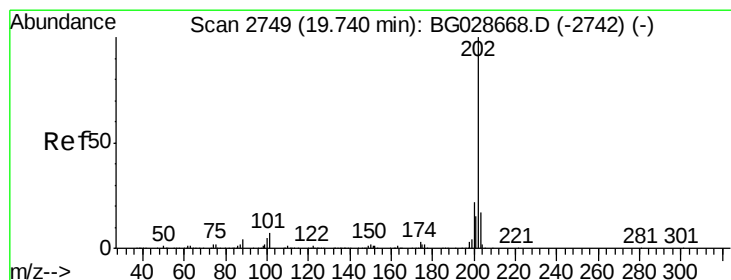
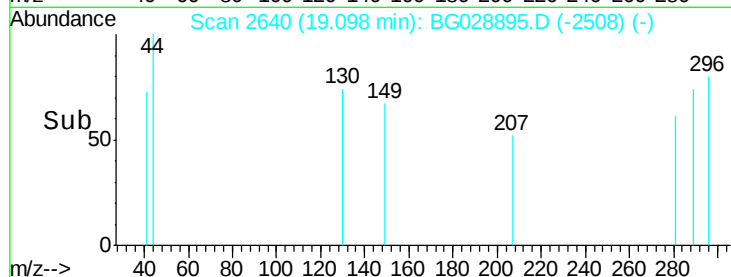
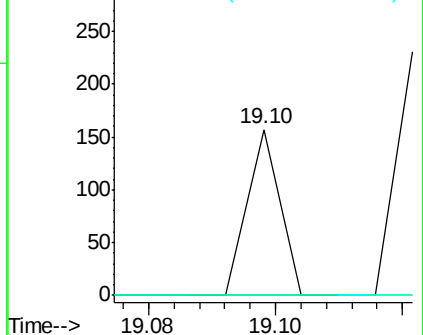
#73
Di-n-butylphthalate
Concen: 8.61 ng
RT: 19.10 min Scan# 2640
Delta R.T. 0.47 min
Lab File: BG028895.D
Acq: 23 Sep 2017 12:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 55
Ion Ratio Lower Upper
149 100
150 0.0 9.1 13.7#
104 0.0 6.7 10.1#

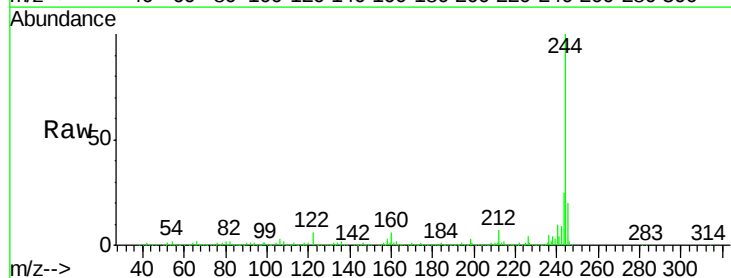


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

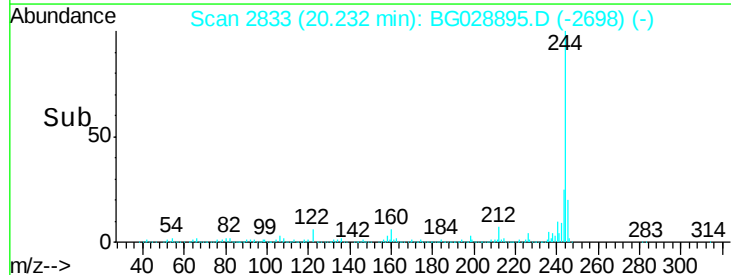
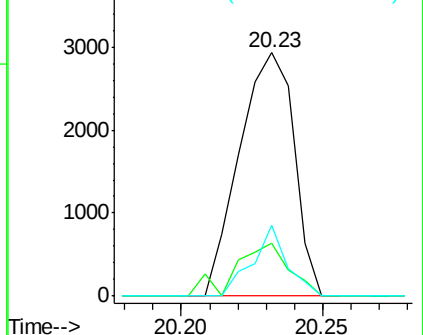


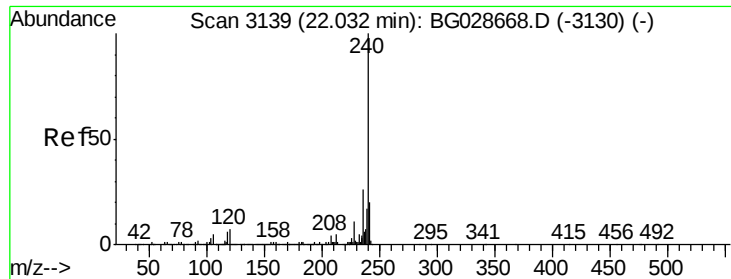
#74
Fluoranthene
Concen: 561.40 ng
RT: 20.23 min Scan# 2833
Delta R.T. 0.49 min
Lab File: BG028895.D
Acq: 23 Sep 2017 12:59

Tgt Ion:202 Resp: 3926
Ion Ratio Lower Upper
202 100
101 21.9 0.0 30.1
203 29.2 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: 22.38 min Scan# 3198

Delta R.T. 0.35 min

Lab File: BG028895.D

Acq: 23 Sep 2017 12:59

Instrument :

BNA_G

ClientSampled :

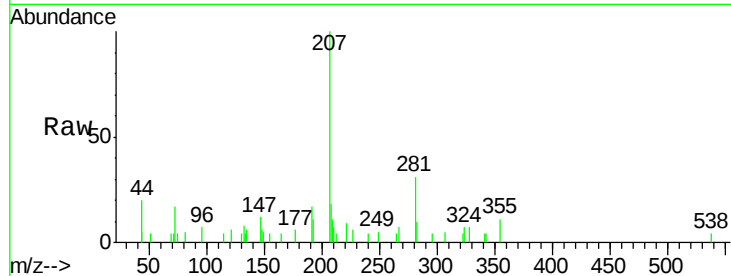
Tot Ion:240 Resp: 56

Ion Ratio Lower Upper

240 100

120 0.0 5.7 8.5#

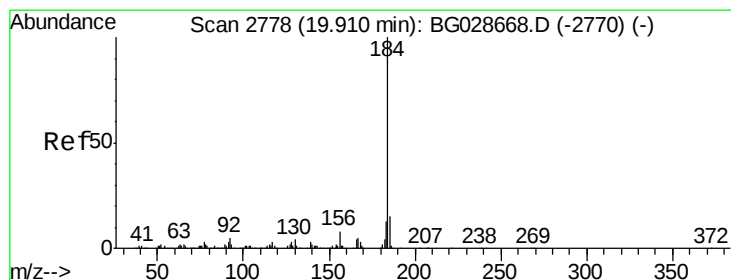
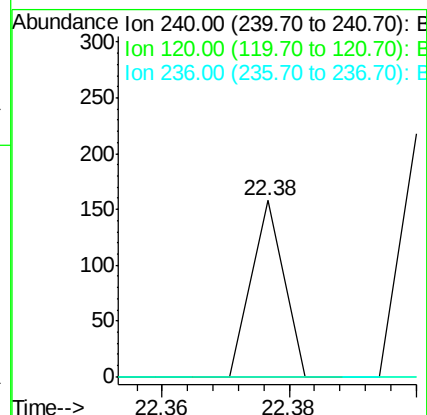
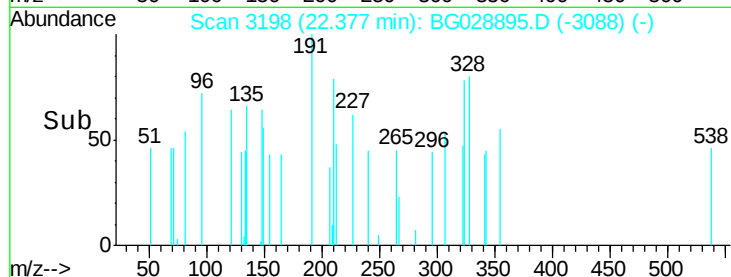
236 0.0 22.2 33.4#



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: 11518.30 ng

RT: 20.23 min Scan# 2832

Delta R.T. 0.32 min

Lab File: BG028895.D

Acq: 23 Sep 2017 12:59

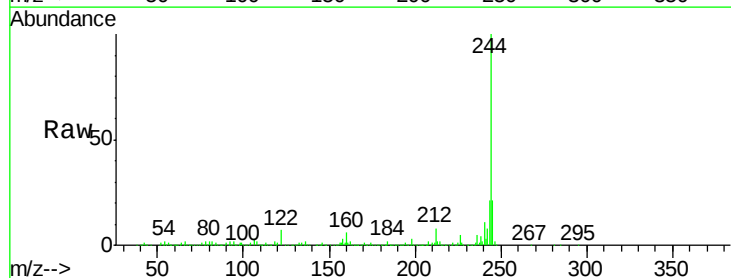
Tgt Ion:184 Resp: 16727

Ion Ratio Lower Upper

184 100

185 15.0 13.0 19.6

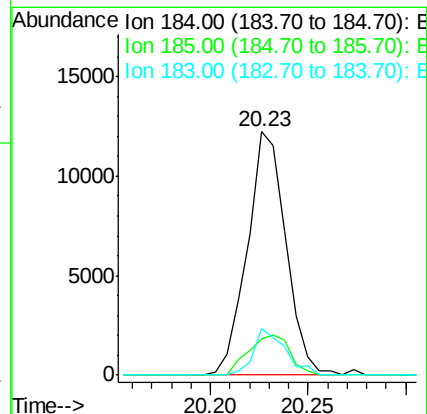
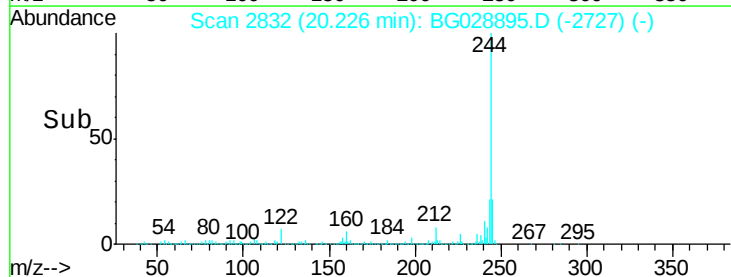
183 19.1 11.0 16.6#

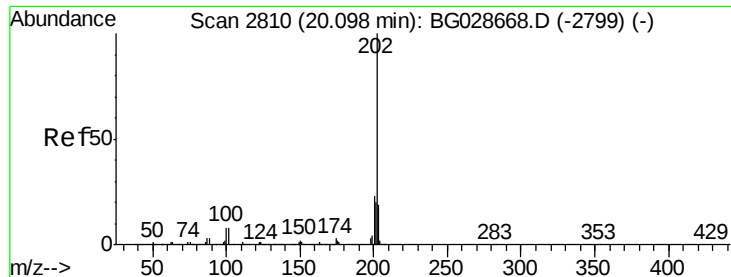


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 1215.44 ng

RT: 20.23 min Scan# 2833

Delta R.T. 0.13 min

Lab File: BG028895.D

Acq: 23 Sep 2017 12:59

Instrument :

BNA_G

ClientSampleId :

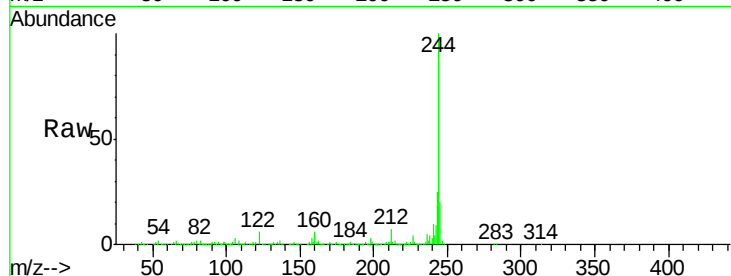
Tot Ion:202 Resp: 3926

Ion Ratio Lower Upper

202 100

200 47.2 19.6 29.4#

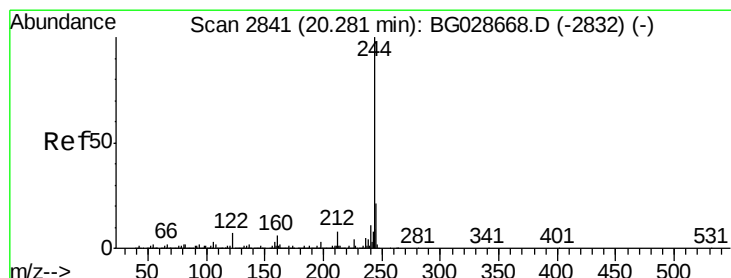
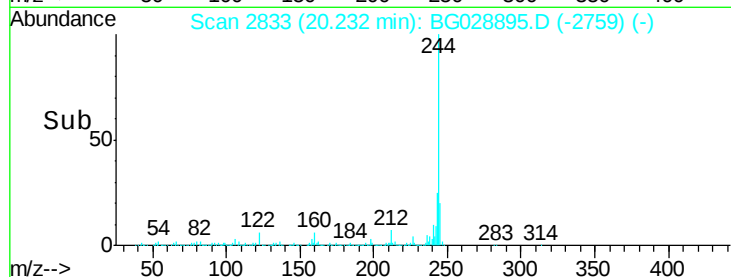
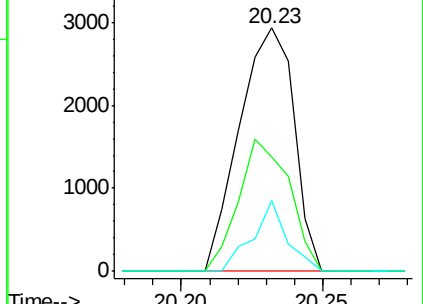
203 29.2 15.8 23.8#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 108.15 ng

RT: 20.59 min Scan# 2894

Delta R.T. 0.31 min

Lab File: BG028895.D

Acq: 23 Sep 2017 12:59

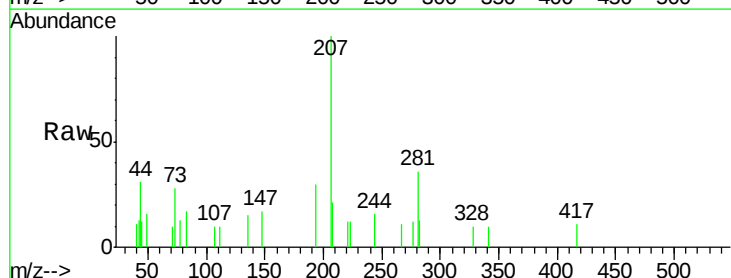
Tgt Ion:244 Resp: 284

Ion Ratio Lower Upper

244 100

212 0.0 10.0 15.0#

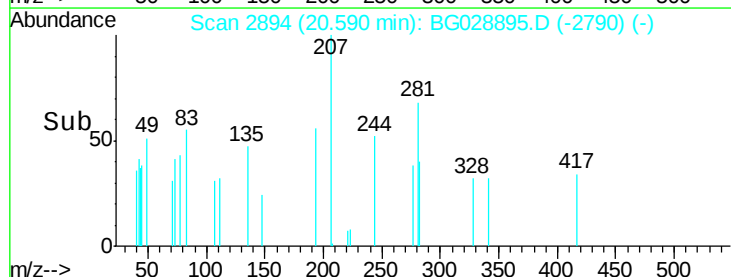
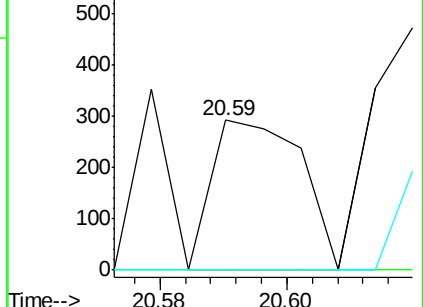
122 0.0 8.6 12.8#

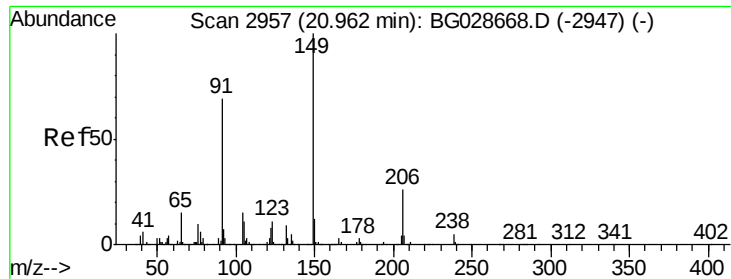


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

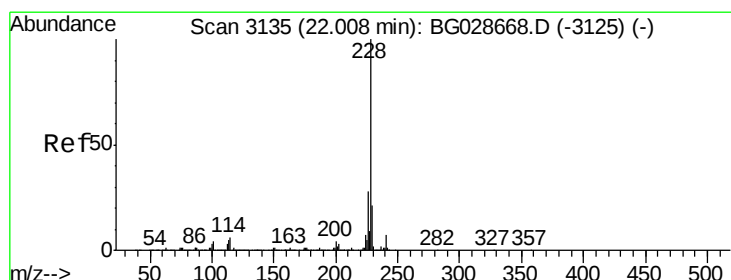
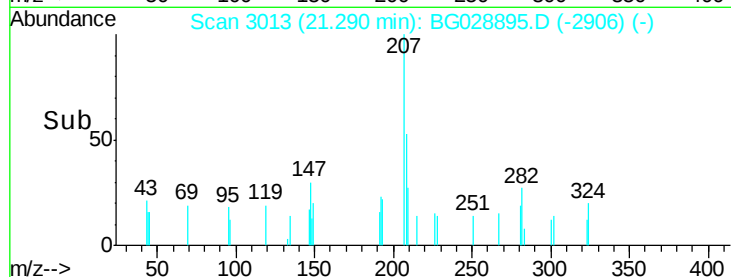
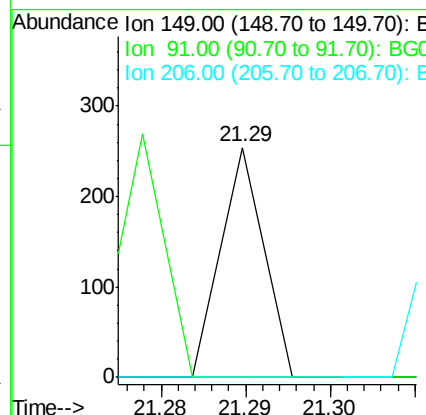
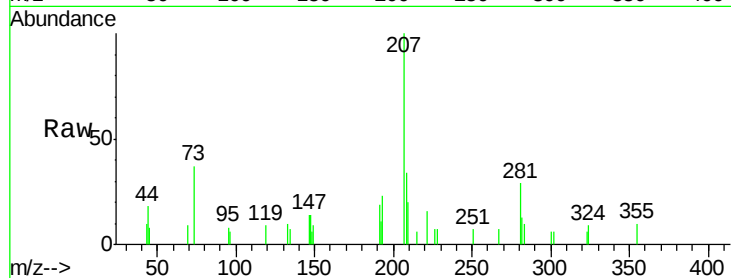




#79
Butylbenzylphthalate
Concen: 68.99 ng
RT: 21.29 min Scan# 3013
Delta R.T. 0.33 min
Lab File: BG028895.D
Acq: 23 Sep 2017 12:59

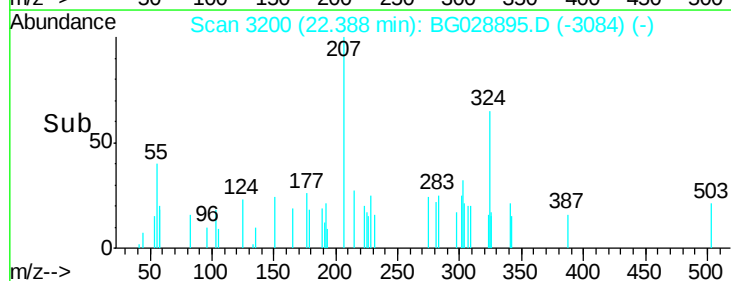
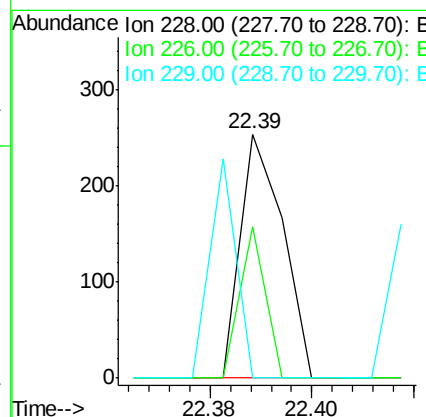
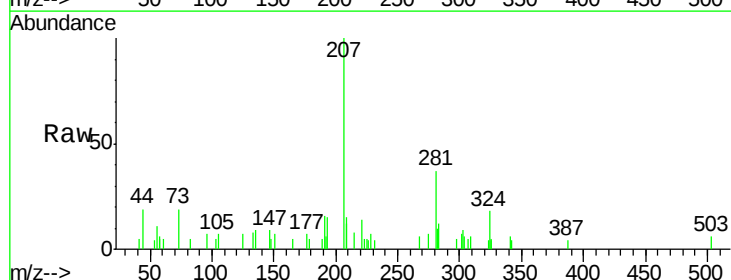
Instrument :
BNA_G
ClientSampleId :

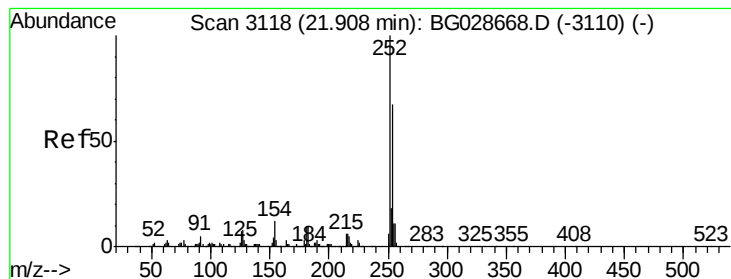
Tot Ion	Ratio	Lower	Upper
149	100		
91	0.0	63.5	95.3#
206	0.0	21.0	31.6#



#80
Benzo(a)anthracene
Concen: 43.91 ng
RT: 22.39 min Scan# 3200
Delta R.T. 0.38 min
Lab File: BG028895.D
Acq: 23 Sep 2017 12:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	62.1	24.9	37.3#
229	0.0	18.2	27.2#

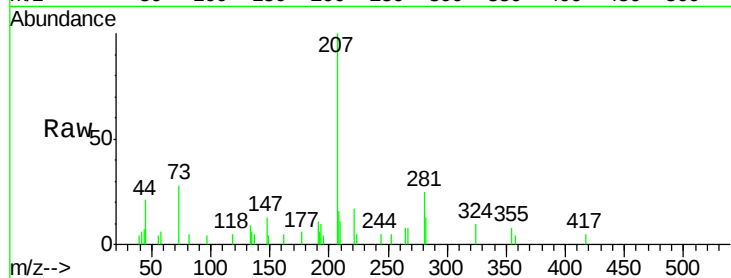




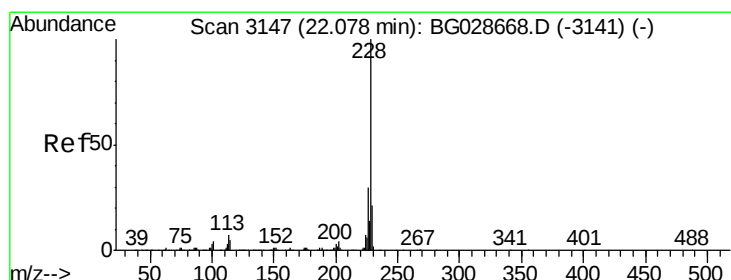
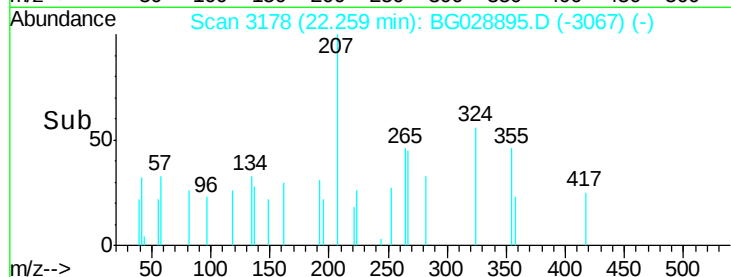
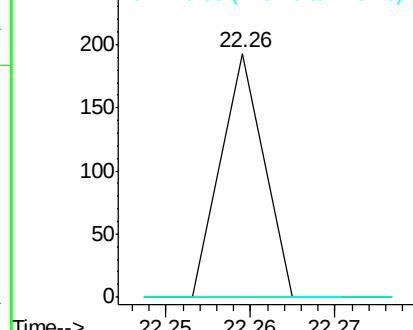
#81
 3,3'-Dichlorobenzidine
 Concen: 49.76 ng
 RT: 22.26 min Scan# 3178
 Delta R.T. 0.35 min
 Lab File: BG028895.D
 Acq: 23 Sep 2017 12:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 68
 Ion Ratio Lower Upper
 252 100
 254 0.0 53.1 79.7#
 126 0.0 7.0 10.4#

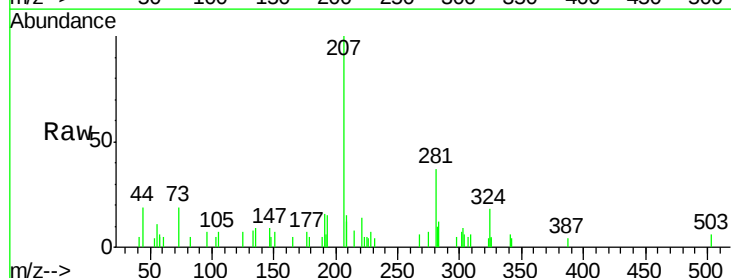


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

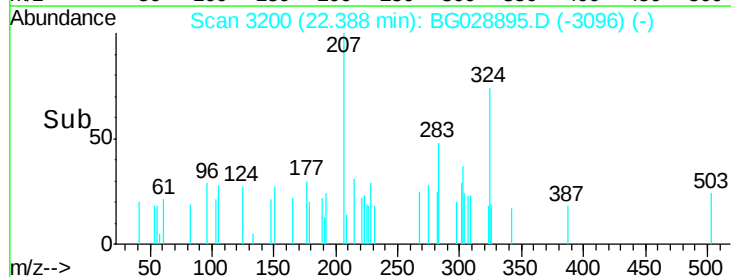
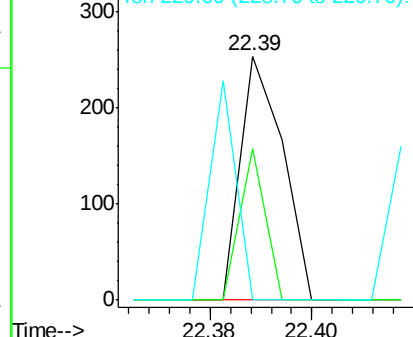


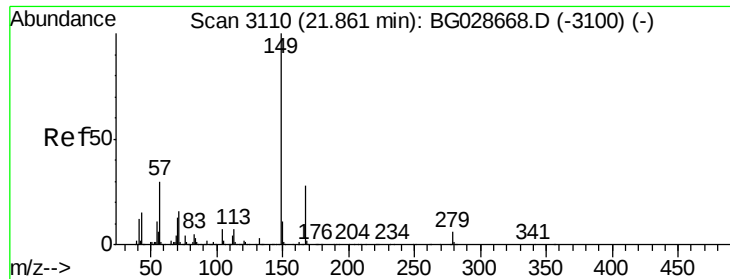
#82
 Chrysene
 Concen: 46.27 ng
 RT: 22.39 min Scan# 3200
 Delta R.T. 0.31 min
 Lab File: BG028895.D
 Acq: 23 Sep 2017 12:59

Tgt Ion:228 Resp: 148
 Ion Ratio Lower Upper
 228 100
 226 62.1 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: 39.36 ng

RT: 22.21 min Scan# 3170

Delta R.T. 0.35 min

Lab File: BG028895.D

Acq: 23 Sep 2017 12:59

Instrument :

BNA_G

ClientSampleId :

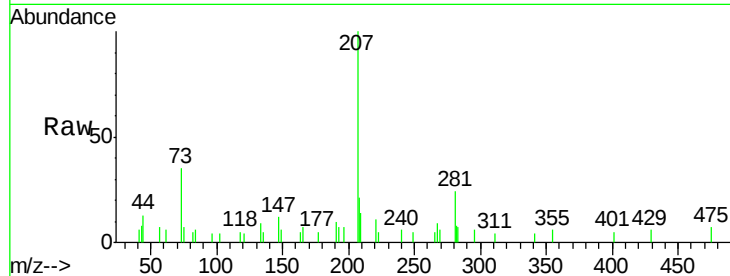
Tot Ion:149 Resp: 73

Ion Ratio Lower Upper

149 100

167 0.0 23.7 35.5#

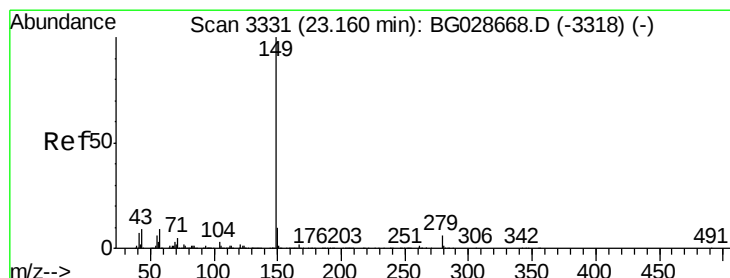
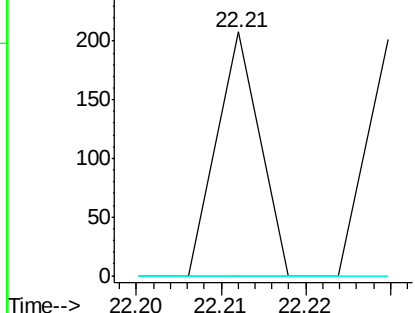
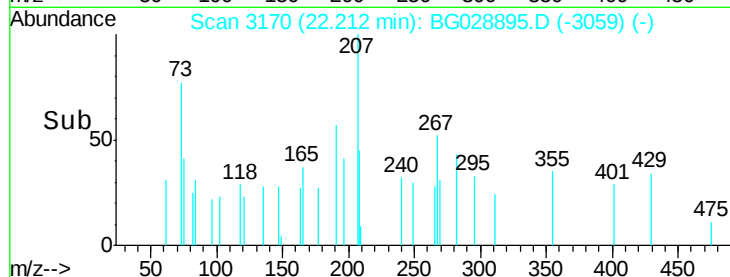
279 0.0 4.6 6.8#



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: 46.60 ng

RT: 23.52 min Scan# 3392

Delta R.T. 0.36 min

Lab File: BG028895.D

Acq: 23 Sep 2017 12:59

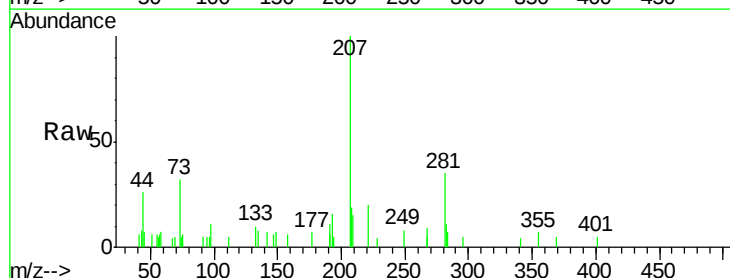
Tgt Ion:149 Resp: 151

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.2#

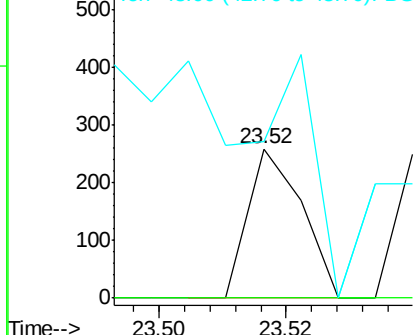
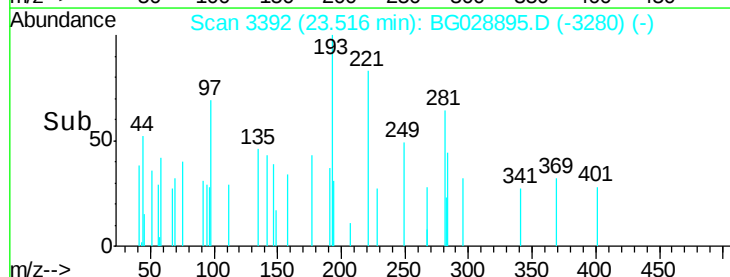
43 0.0 11.8 17.6#

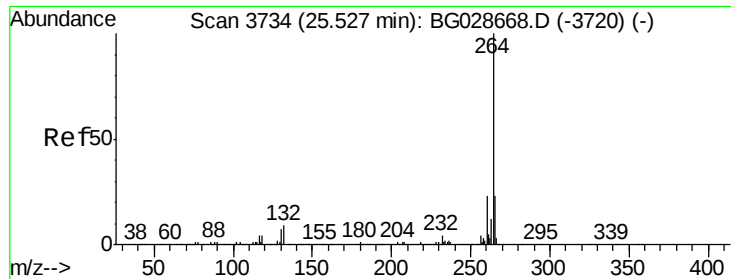


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

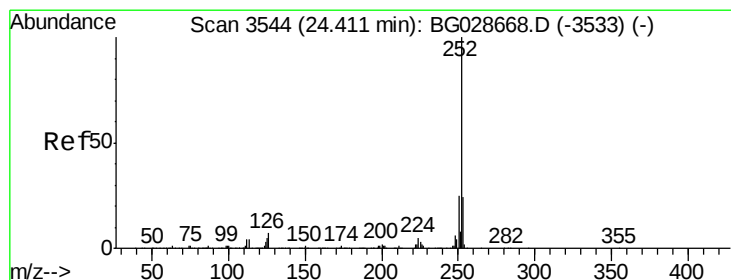
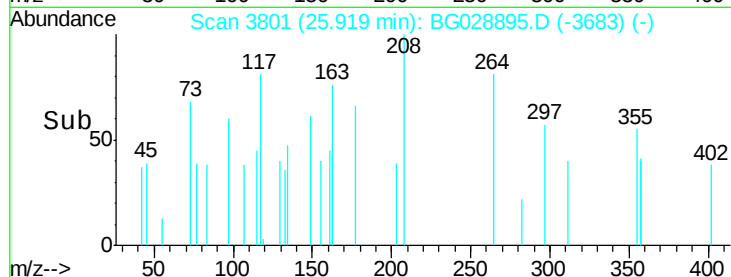
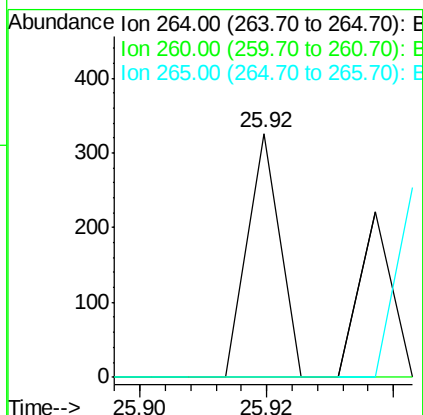
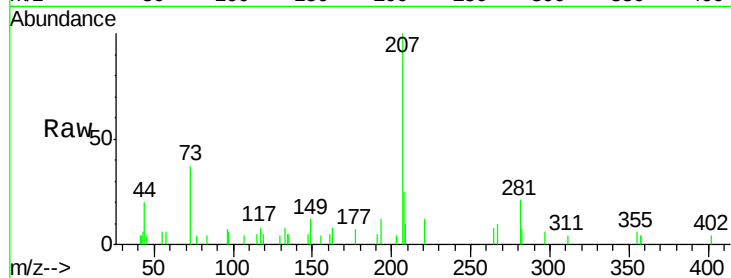




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.92 min Scan# 3801
Delta R.T. 0.39 min
Lab File: BG028895.D
Acq: 23 Sep 2017 12:59

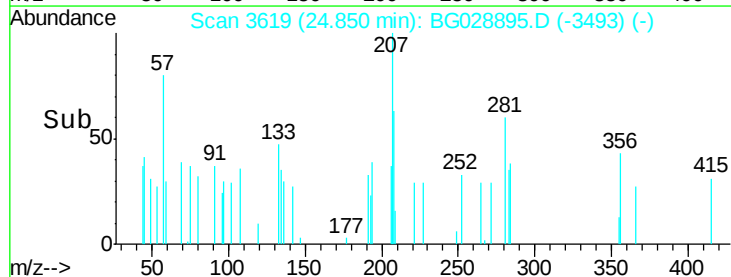
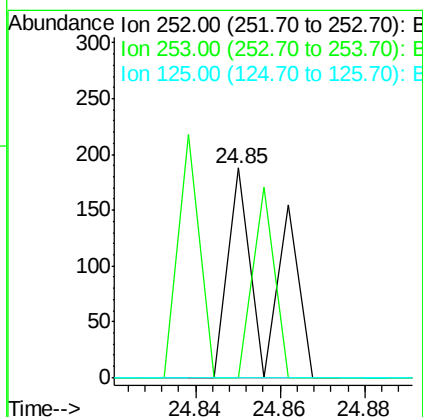
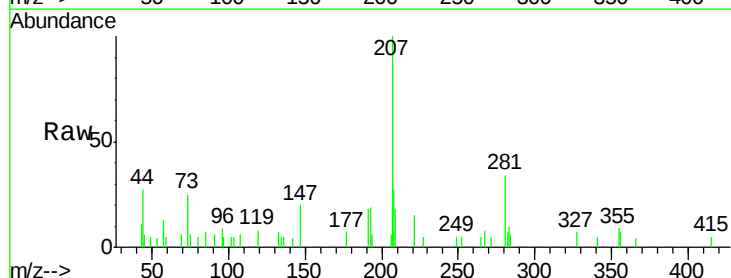
Instrument :
BNA_G
ClientSampled :

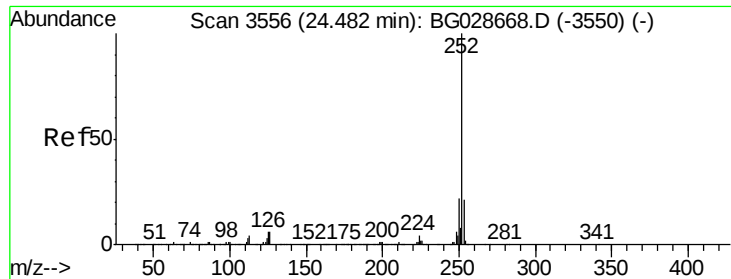
Tot Ion:264 Resp: 115
Ion Ratio Lower Upper
264 100
260 0.0 21.8 32.8#
265 0.0 18.2 27.4#



#87
Benzo(b)fluoranthene
Concen: 17.56 ng
RT: 24.85 min Scan# 3619
Delta R.T. 0.44 min
Lab File: BG028895.D
Acq: 23 Sep 2017 12:59

Tgt Ion:252 Resp: 121
Ion Ratio Lower Upper
252 100
253 0.0 18.7 28.1#
125 0.0 5.3 7.9#

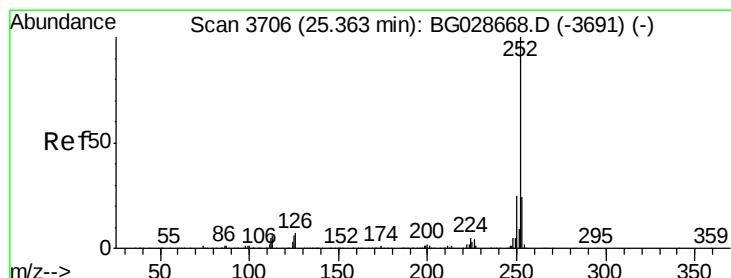
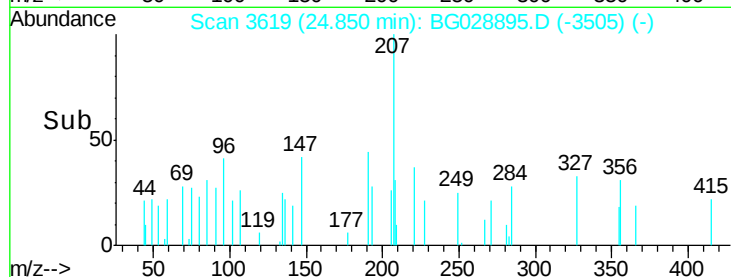
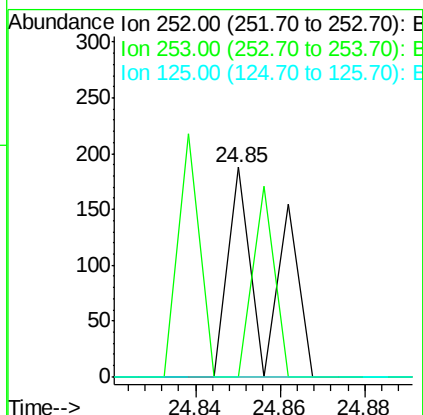
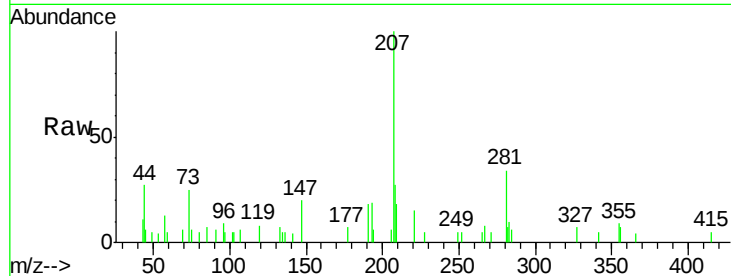




#88
Benzo(k)fluoranthene
Concen: 17.58 ng
RT: 24.85 min Scan# 3619
Delta R.T. 0.37 min
Lab File: BG028895.D
Acq: 23 Sep 2017 12:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 121
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: 8.10 ng
RT: 25.79 min Scan# 3779
Delta R.T. 0.43 min
Lab File: BG028895.D
Acq: 23 Sep 2017 12:59

Tgt Ion:252 Resp: 53
Ion Ratio Lower Upper
252 100
253 0.0 19.2 28.8#
125 0.0 5.4 8.0#

