

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028757.D
 Acq On : 15 Sep 2017 7:18
 Operator : SJ/JU
 Sample : I5189-01DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-01-090817DL

Quant Time: Sep 15 11:31:15 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	8.33	152	28799	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	121796	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	101525	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	277096	20.00	ng	0.00
75) Chrysene-d12	22.02	240	311146	20.00	ng	-0.01
86) Perylene-d12	25.52	264	323298	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.90	112	18731	10.73	ng	0.00
7) Phenol-d6	7.49	99	15647	5.95	ng	0.00
23) Nitrobenzene-d5	9.50	82	47301	18.58	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	49642	29.56	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	136087	17.87	ng	0.00
78) Terphenyl-d14	20.27	244	272833	18.70	ng	0.00

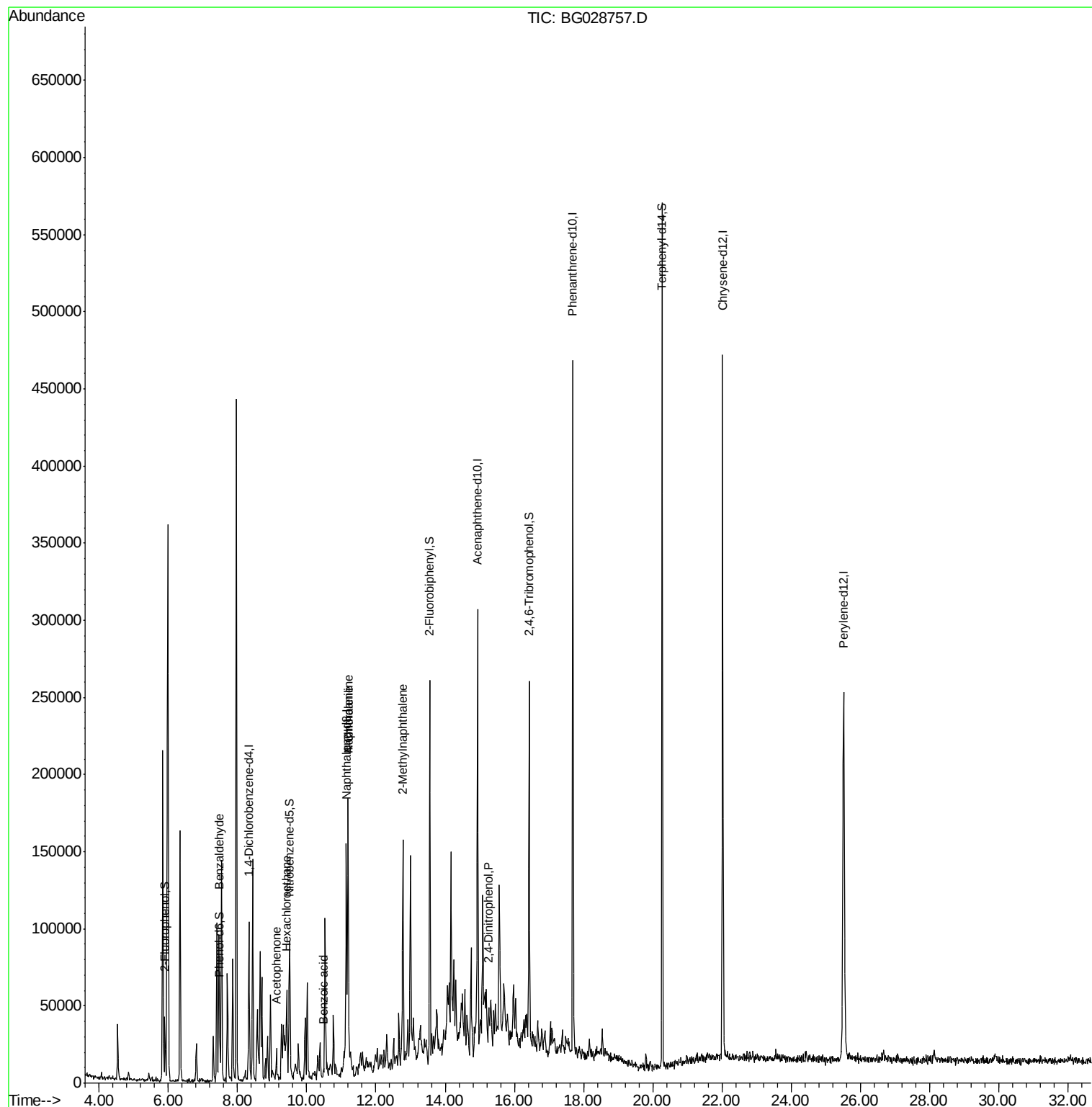
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.46	77	7640	4.686	ng	# 1
18) Hexachloroethane	9.43	117	6183	7.831	ng	# 1
22) Acetophenone	9.12	105	14463	4.061	ng	# 52
31) Naphthalene	11.20	128	145134	22.815	ng	# 98
32) Benzoic acid	10.48	122	54	6.116	ng	# 1
33) 4-Chloroaniline	11.20	127	19651	7.374	ng	# 34
37) 2-Methylnaphthalene	12.78	142	69151	14.560	ng	# 94
53) 2,4-Dinitrophenol	15.27	184	55	8.051	ng	# 1

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

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Quant Time: Sep 15 11:31:15 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 807

Delta R.T. -0.00 min

Lab File: BG028757.D

Acq: 15 Sep 2017 7:18

Instrument :

BNA_G

ClientSampleId :

PR-MW-01-090817DL

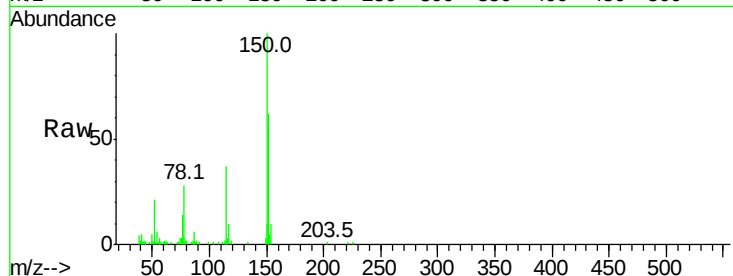
Tot Ion:152 Resp: 28799

Ion Ratio Lower Upper

152 100

150 161.6 114.0 171.0

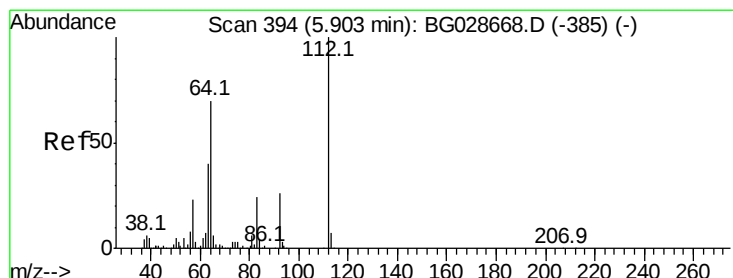
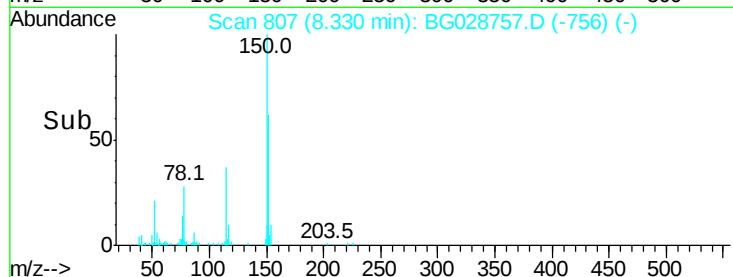
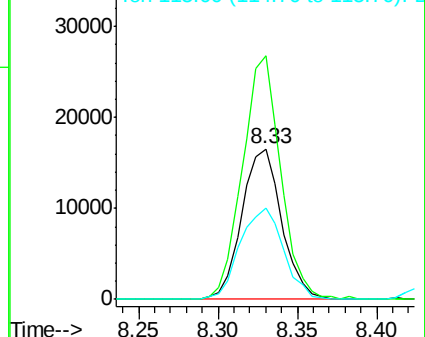
115 60.4 48.1 72.1



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



#5

2-Fluorophenol

Concen: 10.732 ng

RT: 5.90 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG028757.D

Acq: 15 Sep 2017 7:18

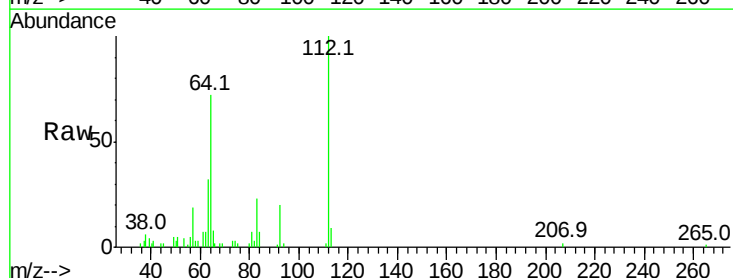
Tgt Ion:112 Resp: 18731

Ion Ratio Lower Upper

112 100

64 72.1 61.8 92.6

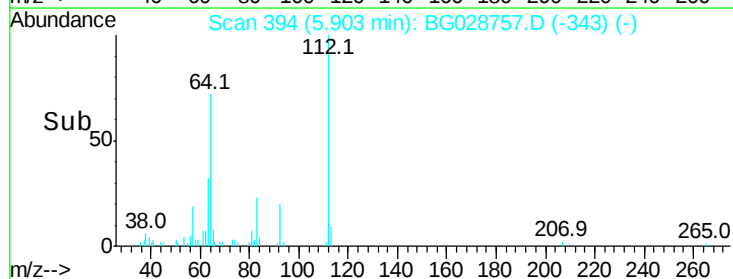
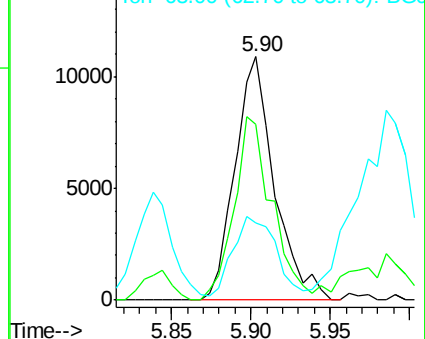
63 31.8 37.2 55.8#

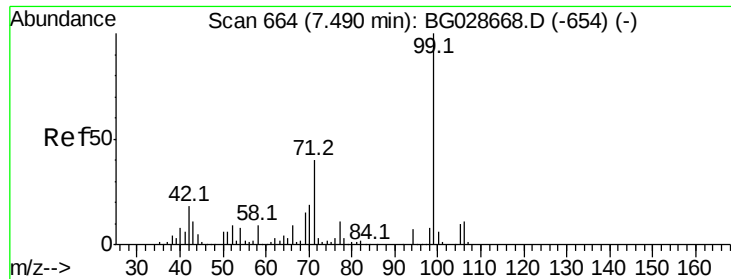


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 5.954 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG028757.D

Acq: 15 Sep 2017 7:18

Instrument :

BNA_G

ClientSampleId :

PR-MW-01-090817DL

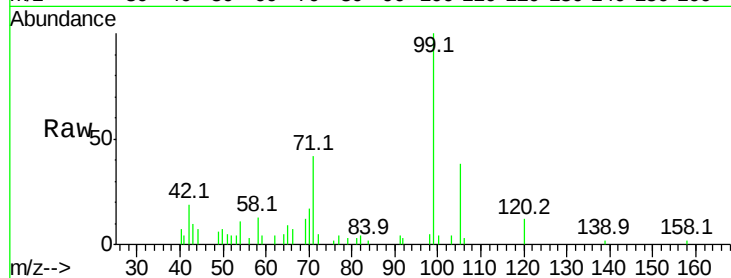
Tot Ion: 99 Resp: 15647

Ion Ratio Lower Upper

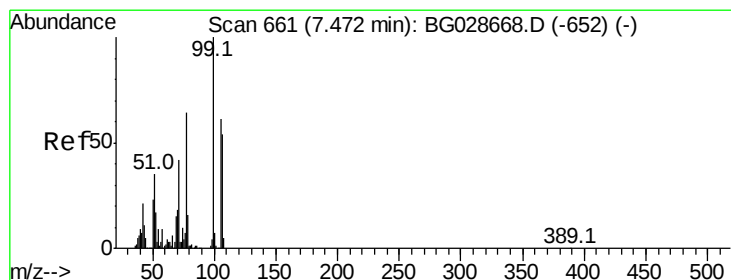
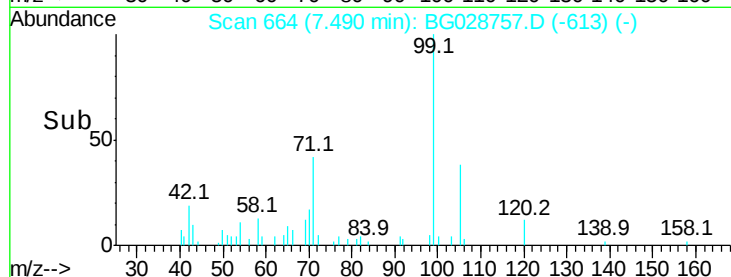
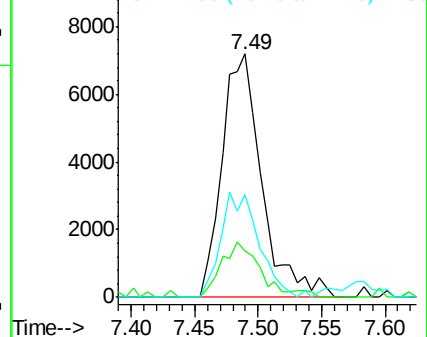
99 100

42 18.9 20.5 30.7#

71 42.4 37.6 56.4



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



#9

Benzaldehyde

Concen: 4.686 ng

RT: 7.46 min Scan# 659

Delta R.T. -0.01 min

Lab File: BG028757.D

Acq: 15 Sep 2017 7:18

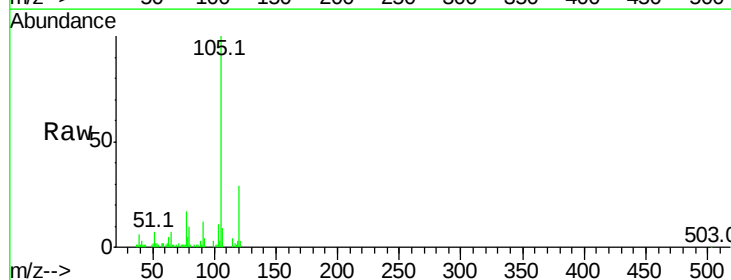
Tgt Ion: 77 Resp: 7640

Ion Ratio Lower Upper

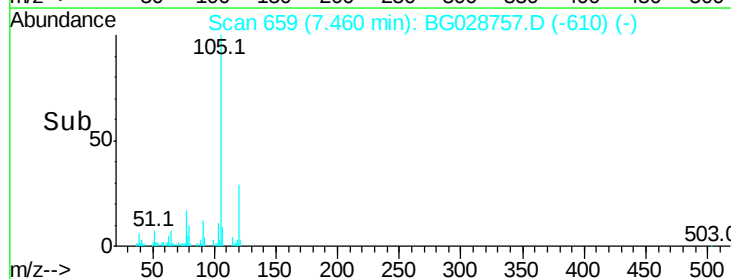
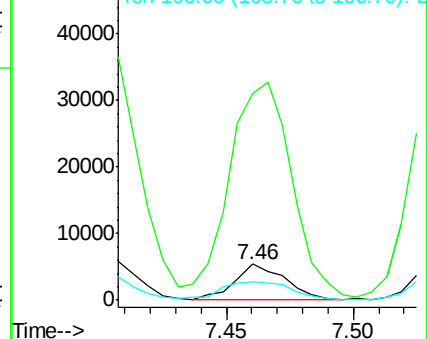
77 100

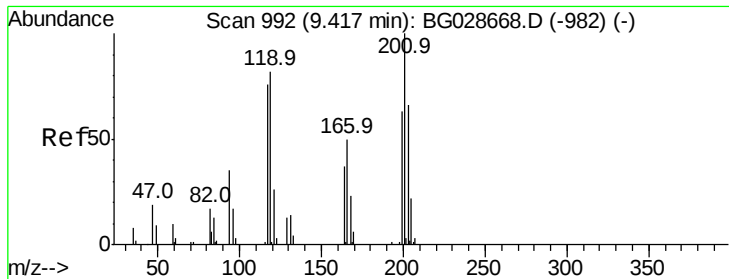
105 576.2 60.9 100.9#

106 49.5 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

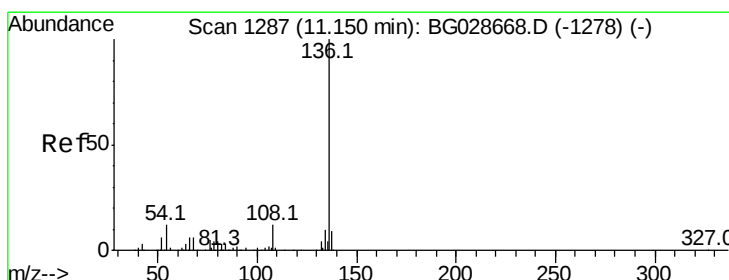
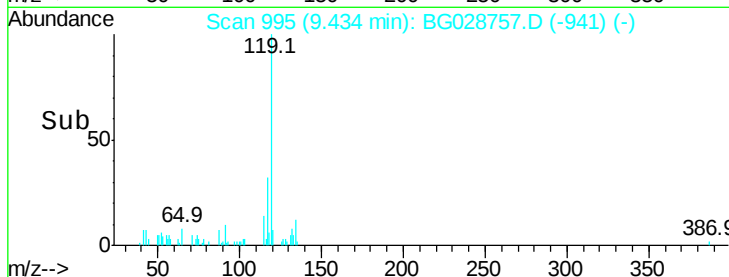
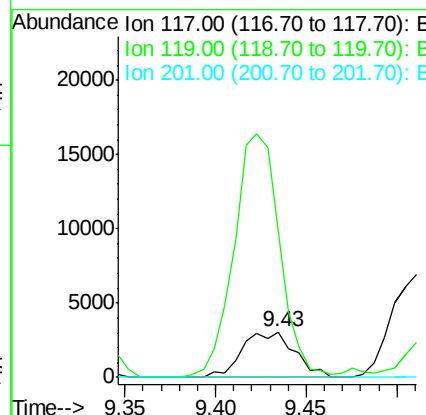
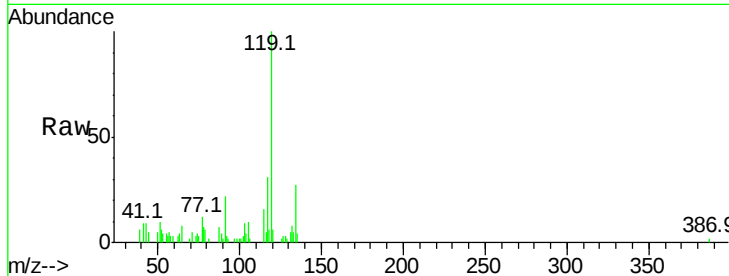




#18
Hexachloroethane
Concen: 7.831 ng
RT: 9.43 min Scan# 995
Delta R.T. 0.02 min
Lab File: BG028757.D
Acq: 15 Sep 2017 7:18

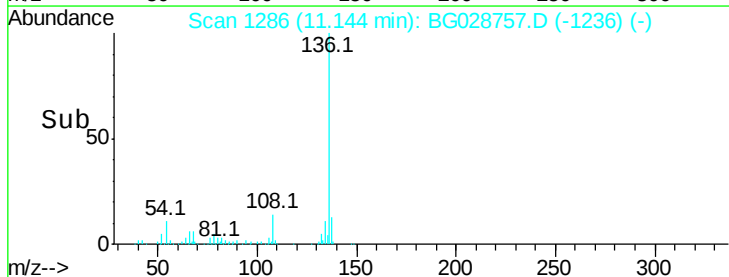
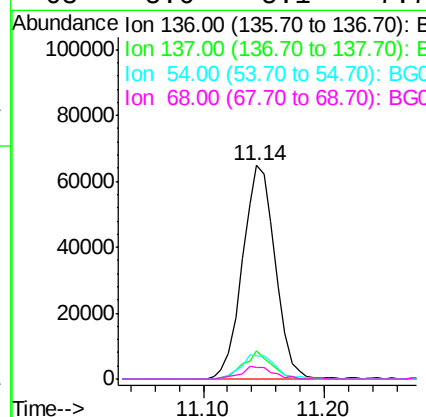
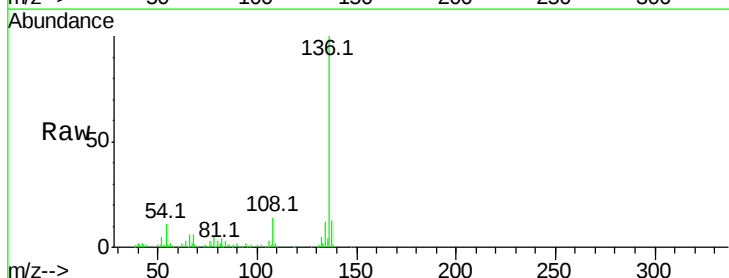
Instrument :
BNA_G
ClientSampleId :
PR-MW-01-090817DL

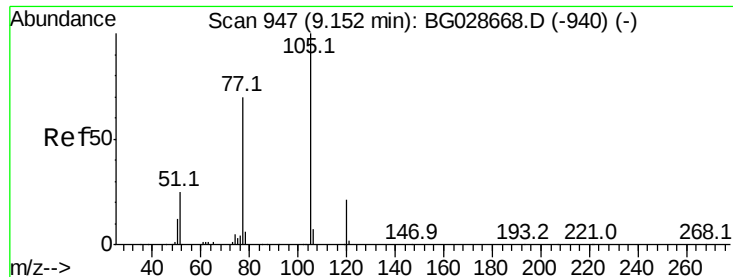
Tot Ion:117 Resp: 6183
Ion Ratio Lower Upper
117 100
119 322.8 69.8 104.6#
201 0.0 95.4 143.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.14 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG028757.D
Acq: 15 Sep 2017 7:18

Tgt Ion:136 Resp: 121796
Ion Ratio Lower Upper
136 100
137 13.1 8.9 13.3
54 11.0 9.3 13.9
68 5.6 5.1 7.7

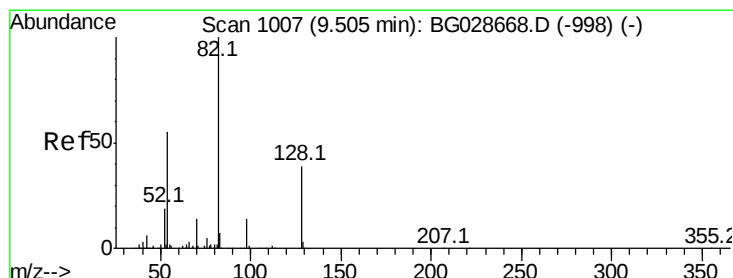
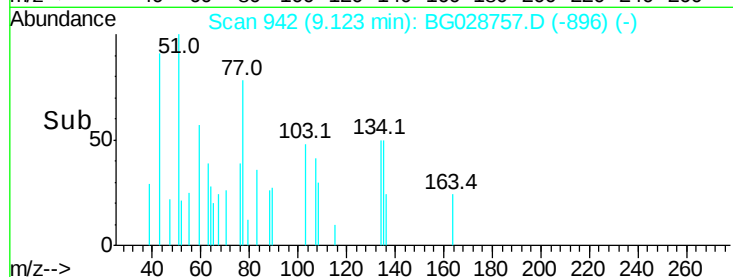
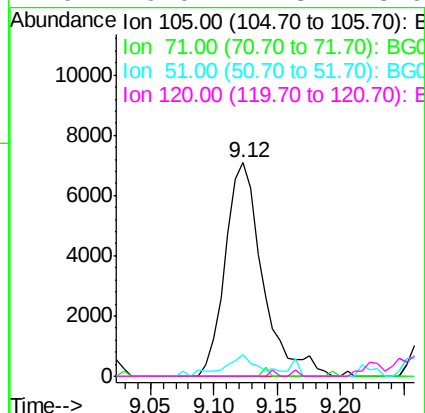
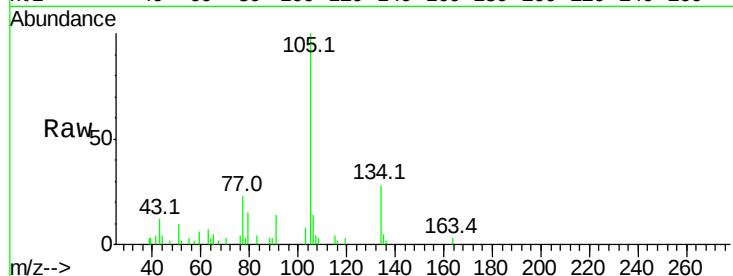




#22
Acetophenone
Concen: 4.061 ng
RT: 9.12 min Scan# 942
Delta R.T. -0.03 min
Lab File: BG028757.D
Acq: 15 Sep 2017 7:18

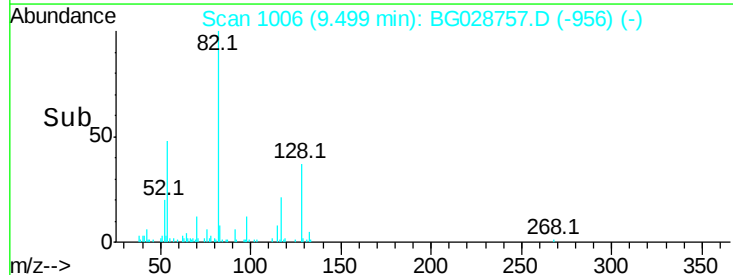
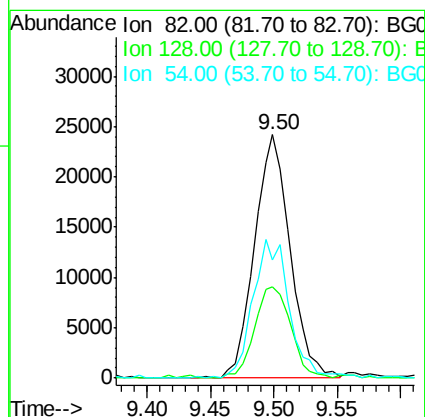
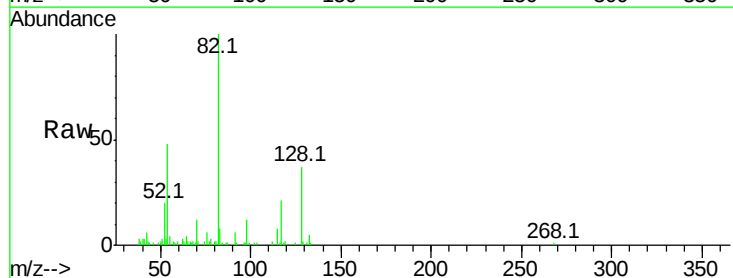
Instrument :
BNA_G
ClientSampleId :
PR-MW-01-090817DL

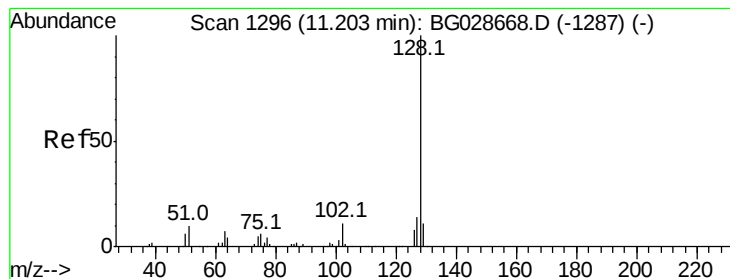
Tot Ion:105 Resp: 14463
Ion Ratio Lower Upper
105 100
71 0.0 0.9 1.3#
51 10.3 34.0 51.0#
120 0.0 17.3 25.9#



#23
Nitrobenzene-d5
Concen: 18.578 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028757.D
Acq: 15 Sep 2017 7:18

Tgt Ion: 82 Resp: 47301
Ion Ratio Lower Upper
82 100
128 37.3 26.4 39.6
54 48.4 49.4 74.2#

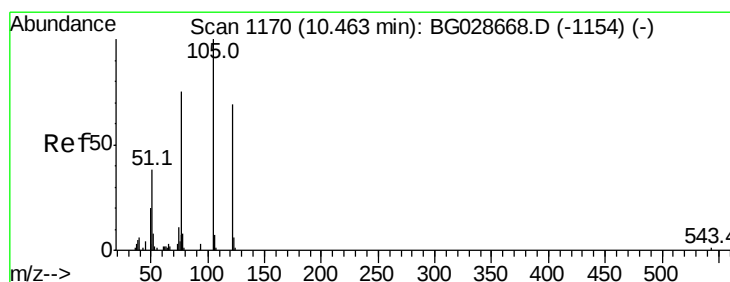
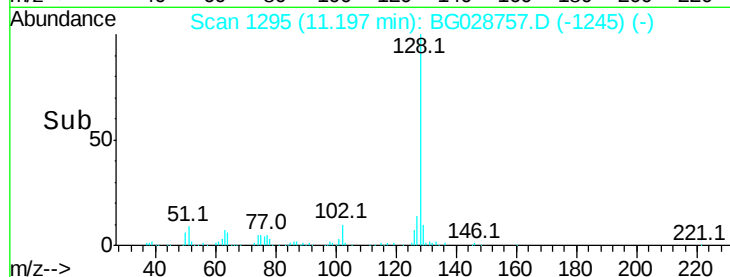
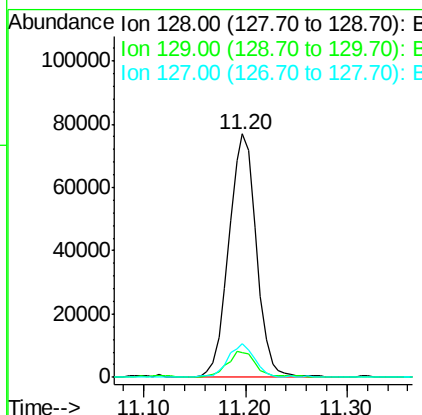
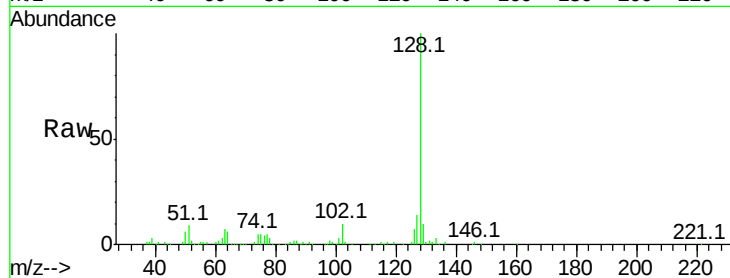




#31
Naphthalene
Concen: 22.815 ng
RT: 11.20 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG028757.D
Acq: 15 Sep 2017 7:18

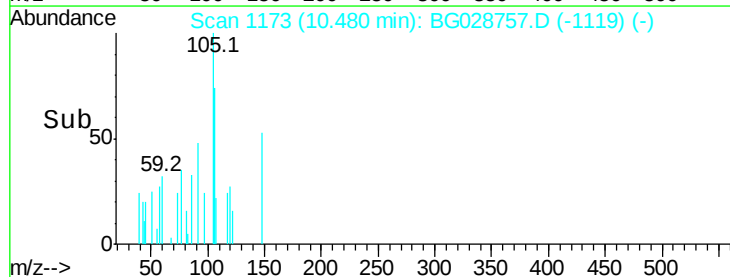
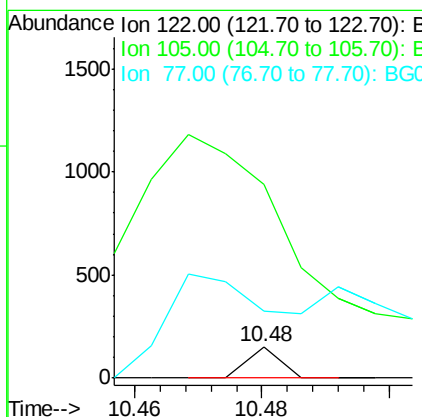
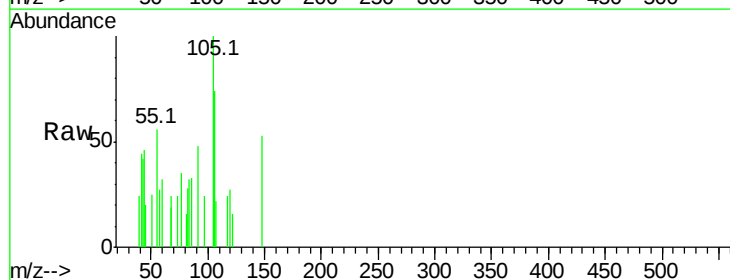
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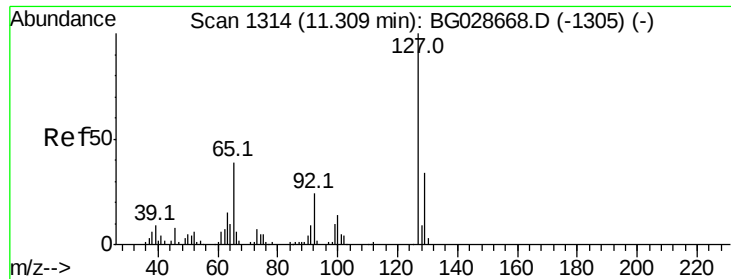
Tot Ion:128 Resp: 145134
Ion Ratio Lower Upper
128 100
129 10.4 9.3 13.9
127 13.8 11.4 17.0



#32
Benzoic acid
Concen: 6.116 ng
RT: 10.48 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BG028757.D
Acq: 15 Sep 2017 7:18

Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 613.1 120.1 160.1#
77 211.8 104.6 144.6#

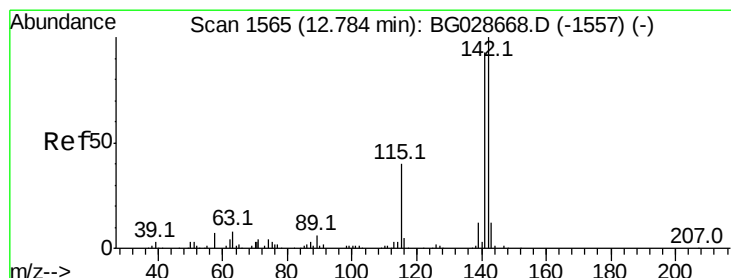
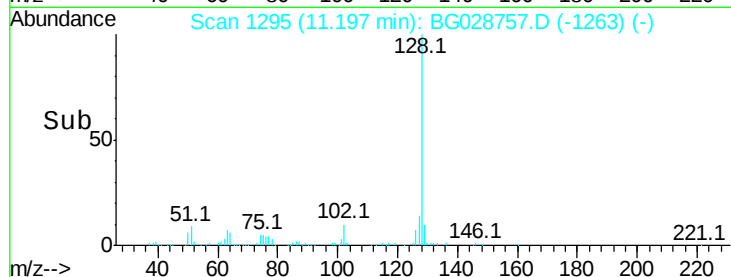
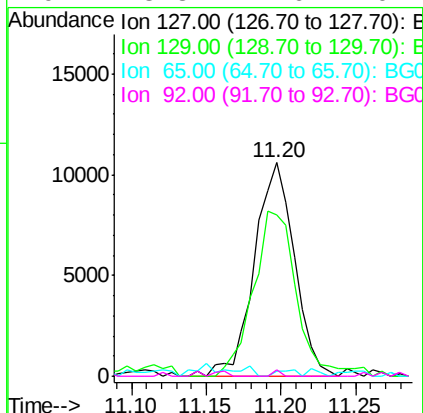
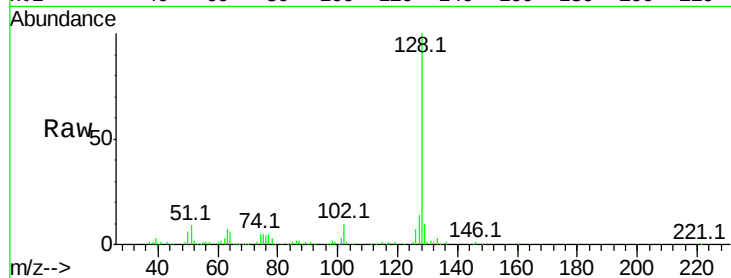




#33
4-Chloroaniline
Concen: 7.374 ng
RT: 11.20 min Scan# 1295
Delta R.T. -0.11 min
Lab File: BG028757.D
Acq: 15 Sep 2017 7:18

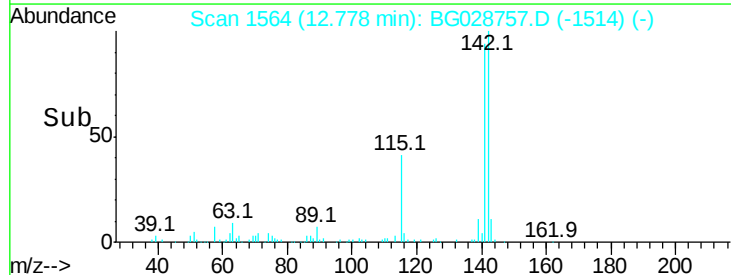
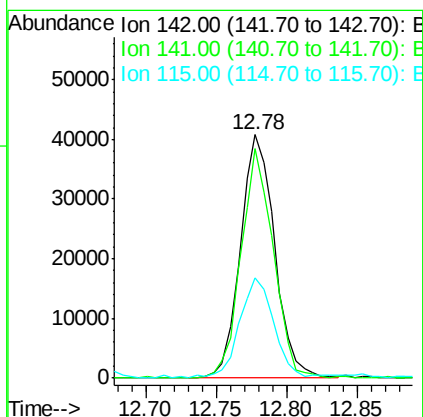
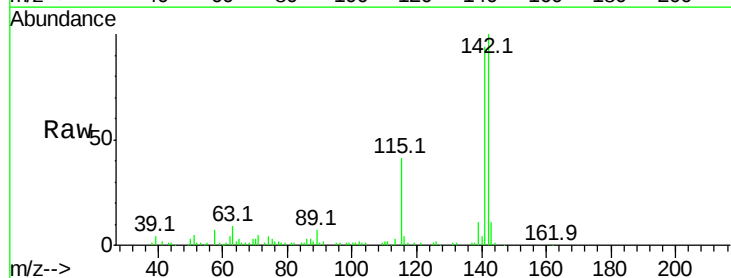
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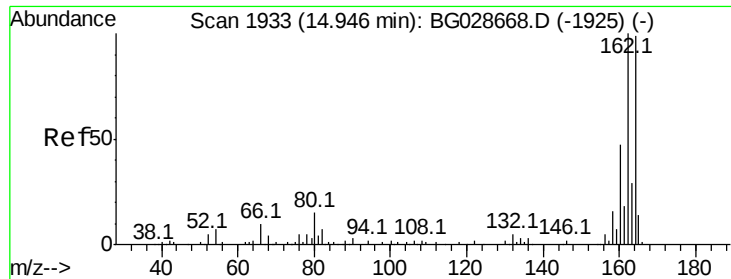
Tot Ion:	127	Resp:	19651
Ion	Ratio	Lower	Upper
127	100		
129	75.4	23.6	35.4#
65	2.3	37.7	56.5#
92	3.3	17.6	26.4#



#37
2-Methylnaphthalene
Concen: 14.560 ng
RT: 12.78 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BG028757.D
Acq: 15 Sep 2017 7:18

Tgt Ion:	142	Resp:	69151
Ion	Ratio	Lower	Upper
142	100		
141	94.1	70.4	105.6
115	41.0	35.5	53.3





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG028757.D

Acq: 15 Sep 2017 7:18

Instrument :

BNA_G

ClientSampleId :

PR-MW-01-090817DL

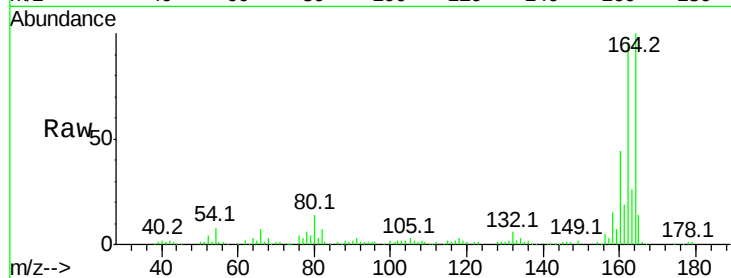
Tot Ion:164 Resp: 101525

Ion Ratio Lower Upper

164 100

162 96.1 85.1 127.7

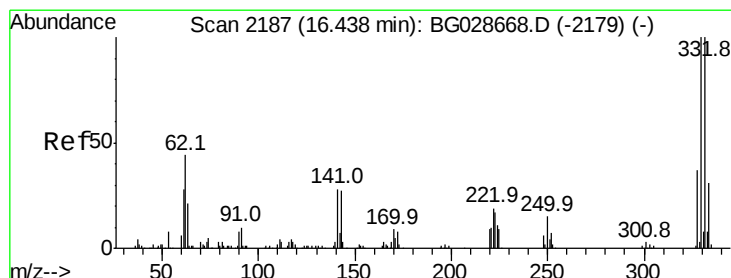
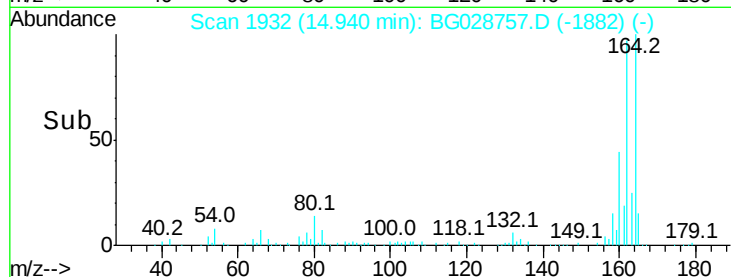
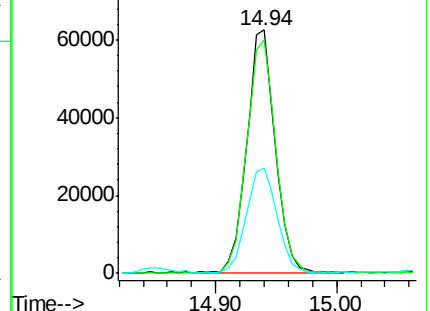
160 43.5 34.7 52.1



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: 29.564 ng

RT: 16.43 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG028757.D

Acq: 15 Sep 2017 7:18

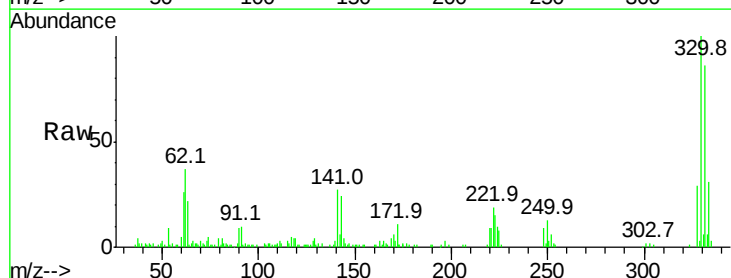
Tgt Ion:330 Resp: 49642

Ion Ratio Lower Upper

330 100

332 95.3 77.3 115.9

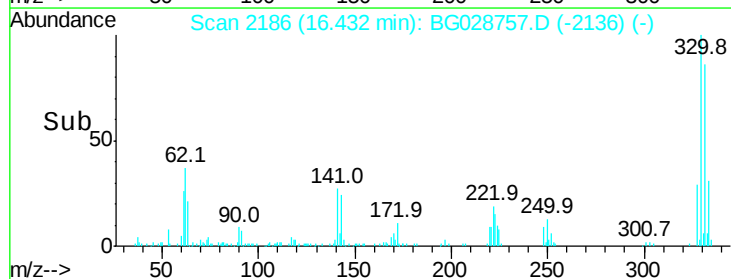
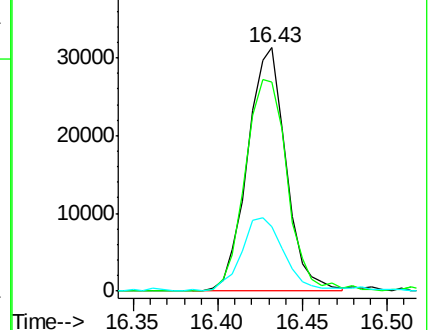
141 33.7 32.1 48.1

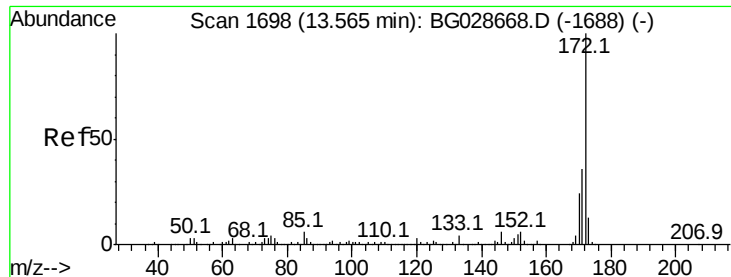


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

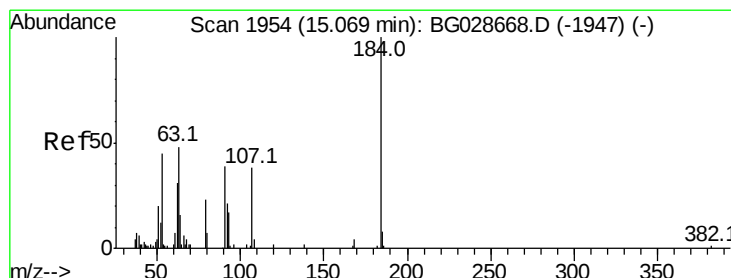
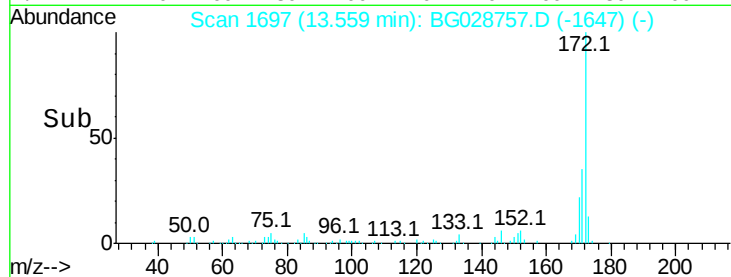
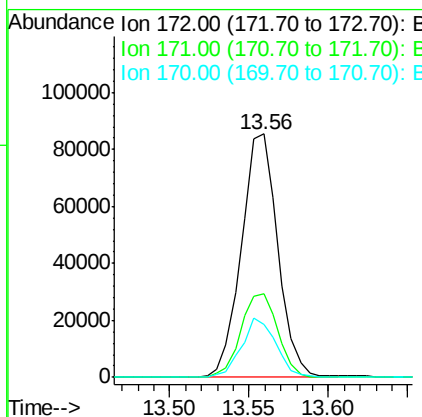
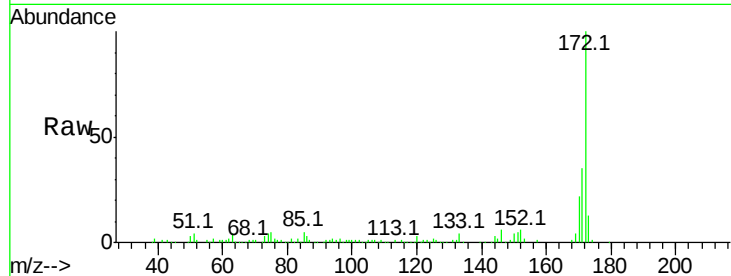




#44
2-Fluorobiphenyl
Concen: 17.874 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG028757.D
Acq: 15 Sep 2017 7:18

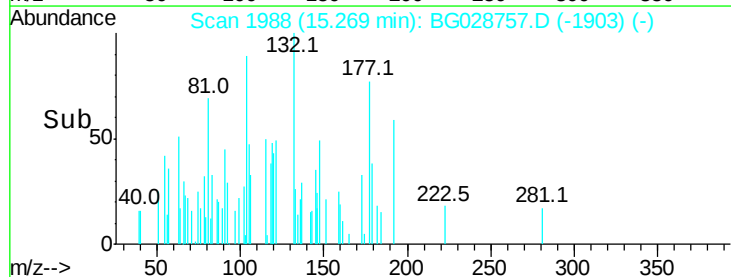
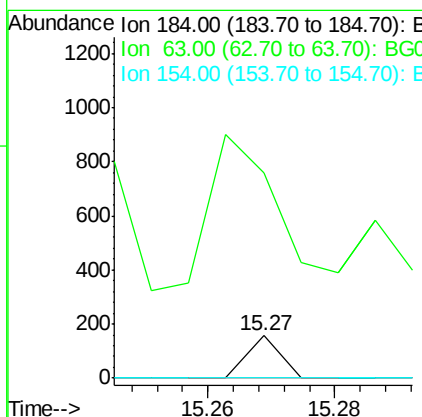
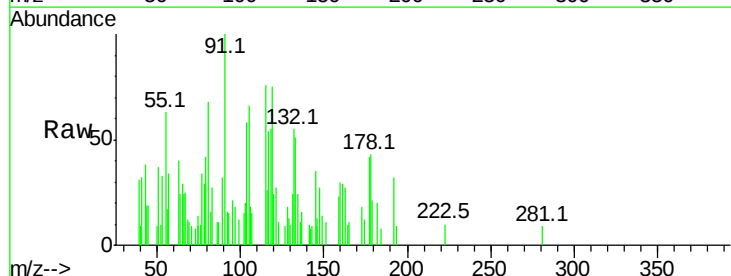
Instrument :
BNA_G
ClientSampleId :
PR-MW-01-090817DL

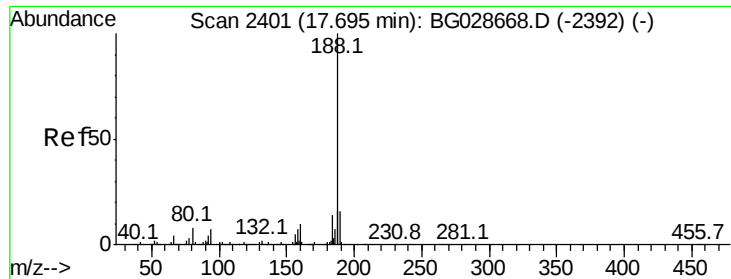
Tot Ion:172 Resp: 136087
Ion Ratio Lower Upper
172 100
171 34.6 32.2 48.2
170 21.9 21.8 32.6



#53
2,4-Dinitrophenol
Concen: 8.051 ng
RT: 15.27 min Scan# 1988
Delta R.T. 0.20 min
Lab File: BG028757.D
Acq: 15 Sep 2017 7:18

Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 482.2 52.7 79.1#
154 0.0 57.3 85.9#

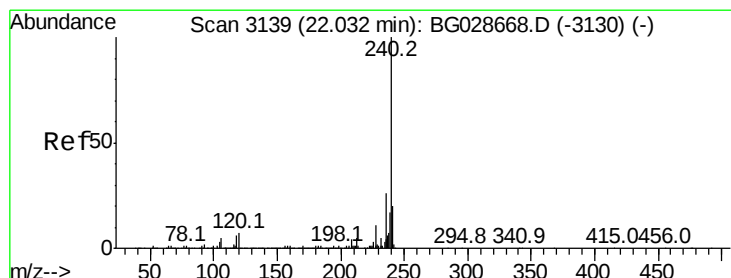
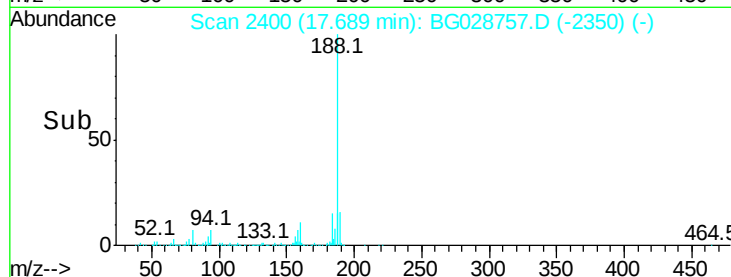
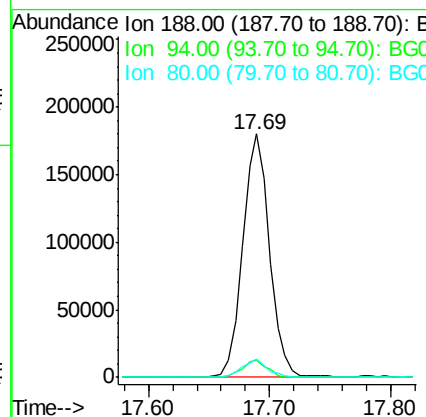
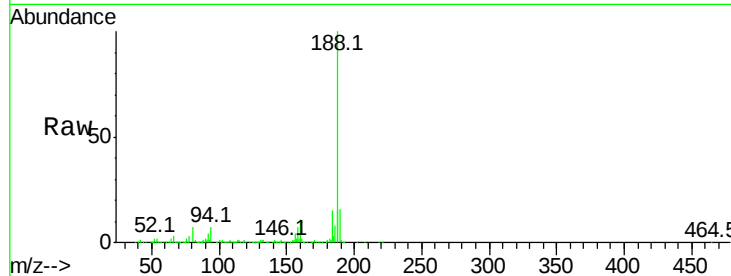




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG028757.D
Acq: 15 Sep 2017 7:18

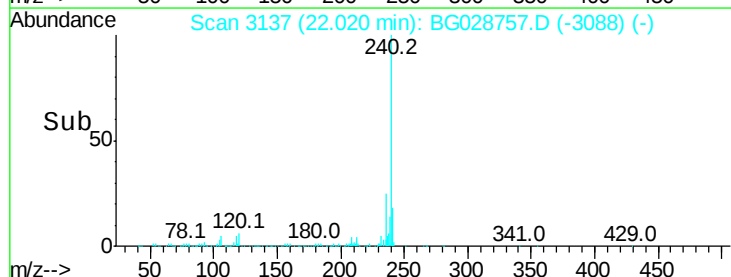
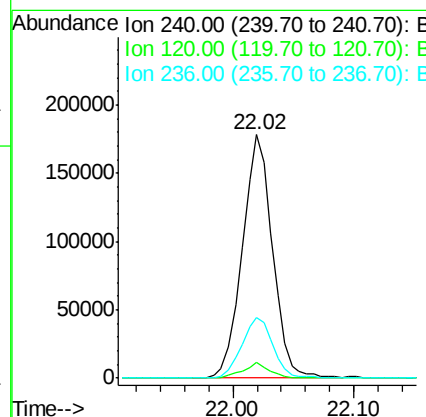
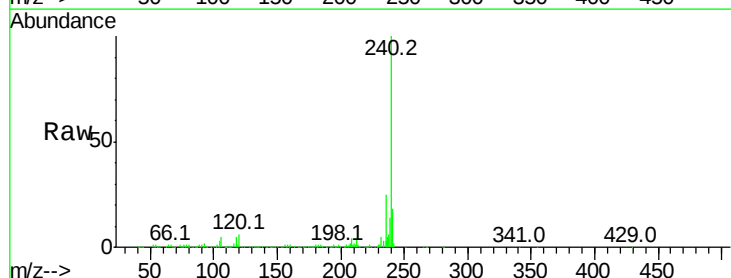
Instrument :
BNA_G
ClientSampleId :
PR-MW-01-090817DL

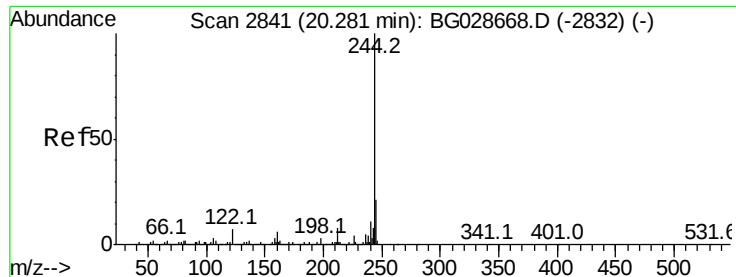
Tot Ion:188 Resp: 277096
Ion Ratio Lower Upper
188 100
94 7.0 5.8 8.8
80 7.4 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.02 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG028757.D
Acq: 15 Sep 2017 7:18

Tgt Ion:240 Resp: 311146
Ion Ratio Lower Upper
240 100
120 6.5 5.7 8.5
236 25.1 22.2 33.4





#78

Terphenyl-d14

Concen: 18.700 ng

RT: 20.27 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028757.D

Acq: 15 Sep 2017 7:18

Instrument :

BNA_G

ClientSampleId :

PR-MW-01-090817DL

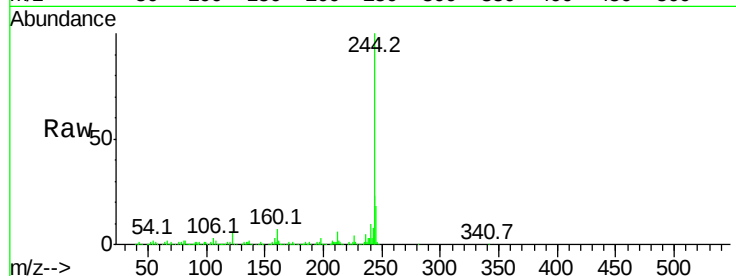
Tot Ion:244 Resp: 272833

Ion Ratio Lower Upper

244 100

212 6.3 10.0 15.0#

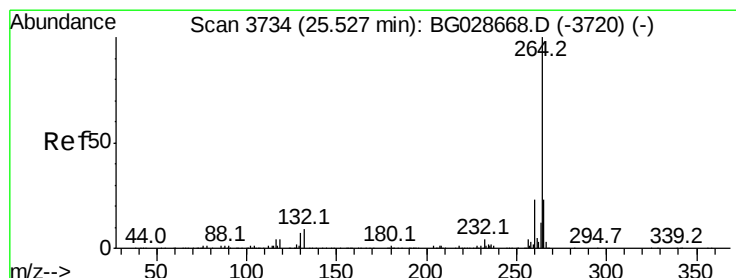
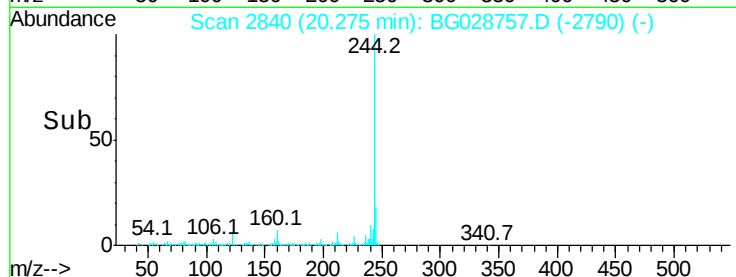
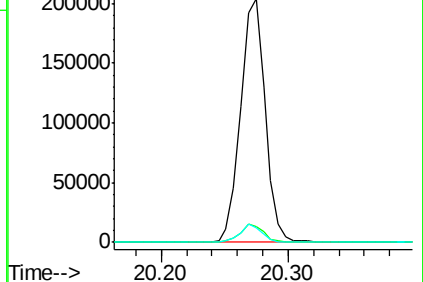
122 5.7 8.6 12.8#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.52 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG028757.D

Acq: 15 Sep 2017 7:18

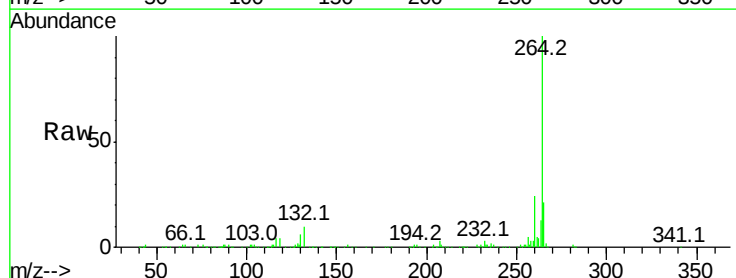
Tgt Ion:264 Resp: 323298

Ion Ratio Lower Upper

264 100

260 23.7 21.8 32.8

265 21.0 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

