

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG091718\
 Data File : BG036769.D
 Acq On : 18 Sep 2018 2:05
 Operator : JU/SJ
 Sample : J4892-08DL 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-01-091218DL

Quant Time: Sep 18 07:11:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	72151	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	291355	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	184620	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	444876	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	490600	20.00	ng	-0.01
86) Perylene-d12	24.89	264	499156	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	82537	18.15	ng	0.00
7) Phenol-d6	7.21	99	72426	11.12	ng	-0.01
23) Nitrobenzene-d5	9.21	82	198254	36.92	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	129560	58.81	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	443592	34.31	ng	-0.01
78) Terphenyl-d14	20.02	244	753039	35.88	ng	-0.01

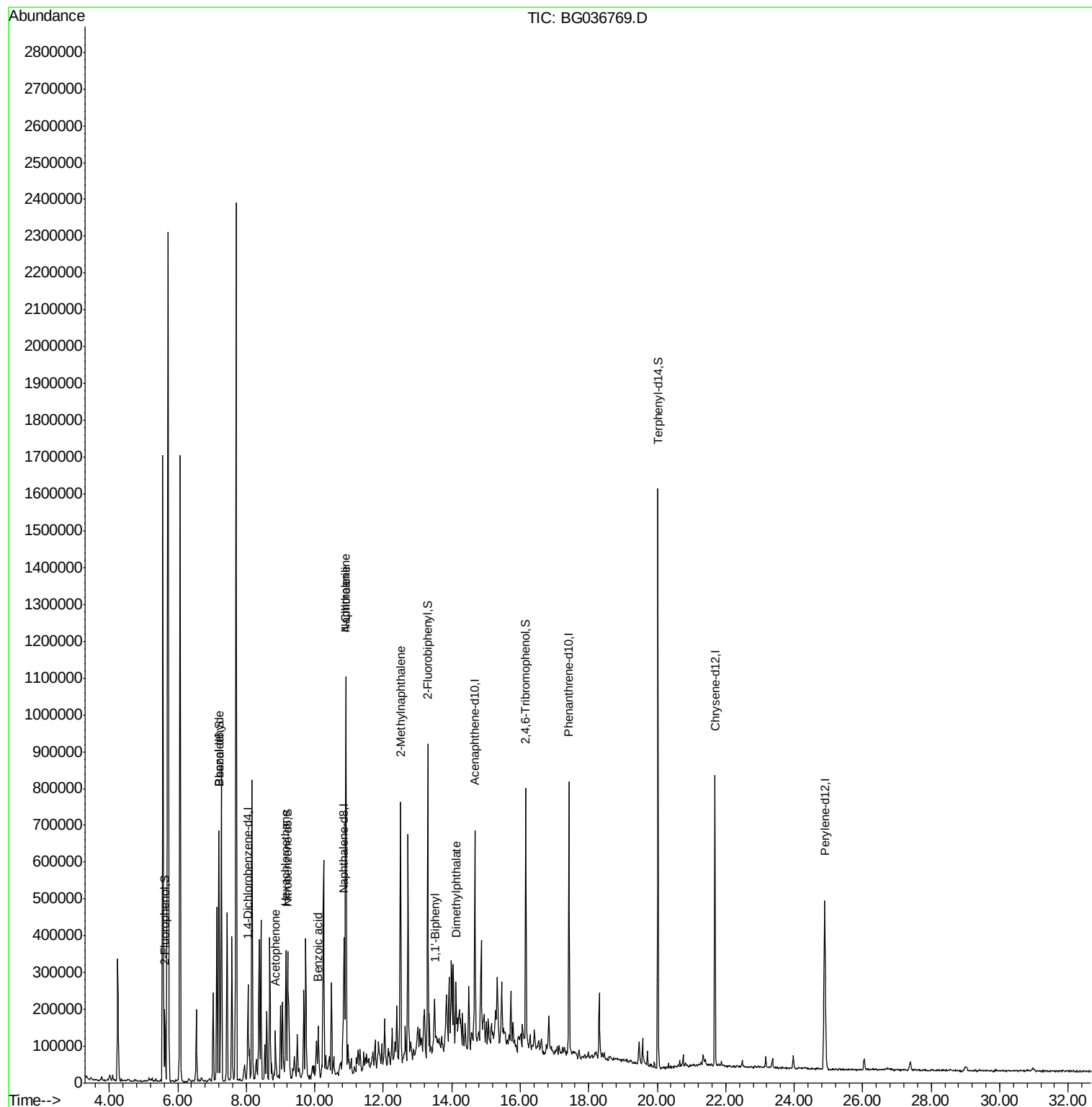
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.19	77	43662	9.736	ng	# 1
18) Hexachloroethane	9.16	117	39651	19.449	ng	# 1
22) Acetophenone	8.85	105	91899	12.012	ng	# 54
31) Naphthalene	10.91	128	813176	55.833	ng	# 98
32) Benzoic acid	10.10	122	402	4.595	ng	# 1
33) 4-Chloroaniline	10.91	127	117061	17.540	ng	# 34
37) 2-Methylnaphthalene	12.51	142	329219	30.893	ng	# 99
45) 1,1'-Biphenyl	13.51	154	37825	2.468	ng	# 92
49) Dimethylphthalate	14.12	163	103926	6.894	ng	# 95

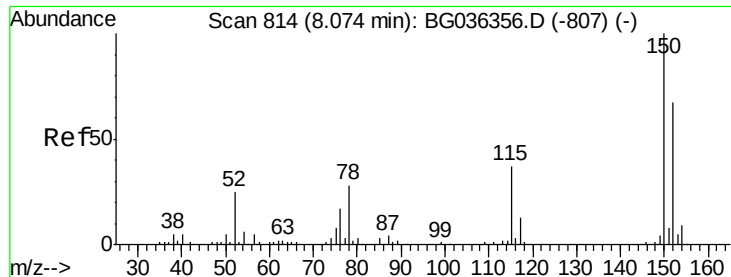
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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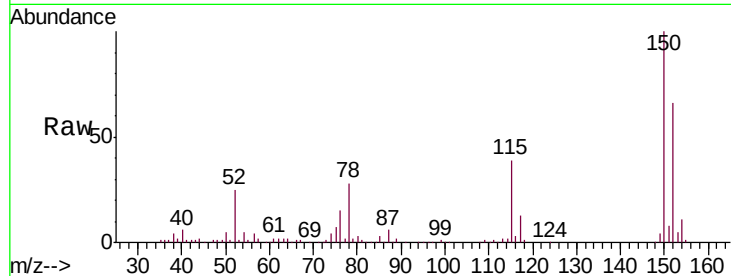


#1

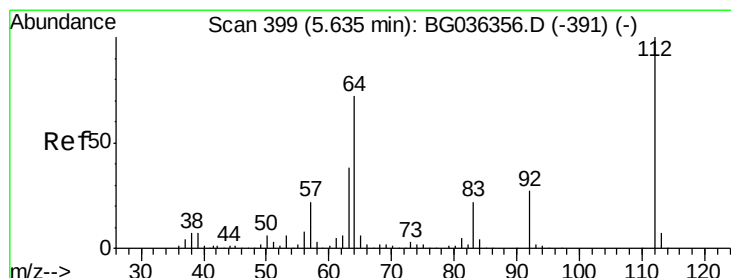
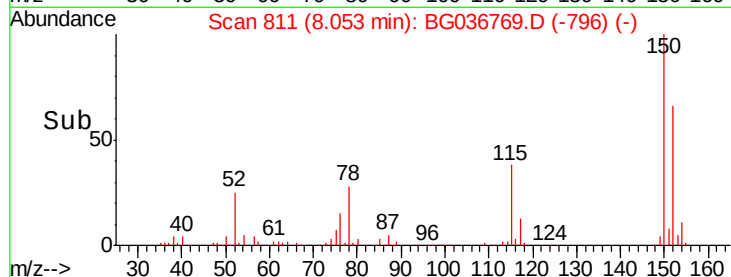
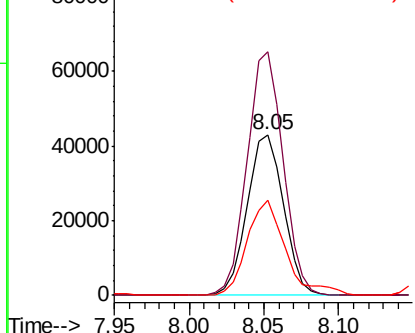
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036769.D
Acq: 18 Sep 2018 2:05

Instrument :
BNA_G
ClientSampleId :
PR-MW-01-091218DL

Tgt Ion:152 Resp: 72151
Ion Ratio Lower Upper
152 100
150 151.7 119.5 179.3
115 58.9 44.5 66.7



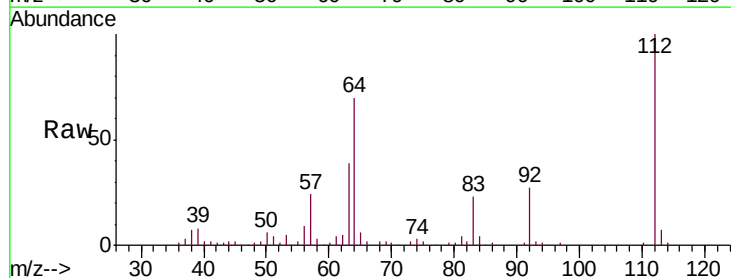
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



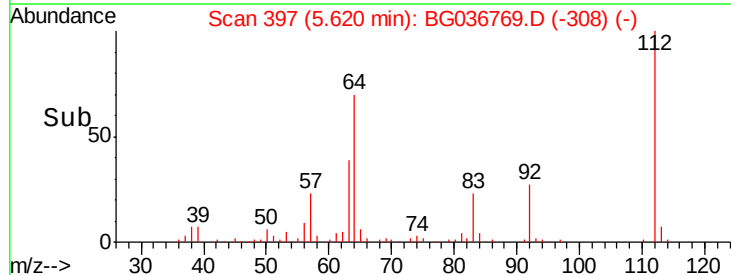
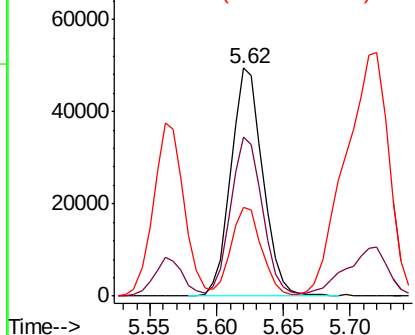
#5

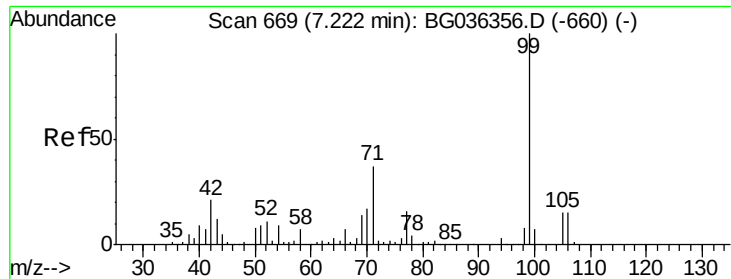
2-Fluorophenol
Concen: 18.146 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036769.D
Acq: 18 Sep 2018 2:05

Tgt Ion:112 Resp: 82537
Ion Ratio Lower Upper
112 100
64 69.8 57.2 85.8
63 39.2 30.8 46.2



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: 11.122 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036769.D

Acq: 18 Sep 2018 2:05

Instrument :

BNA_G

ClientSampleId :

PR-MW-01-091218DL

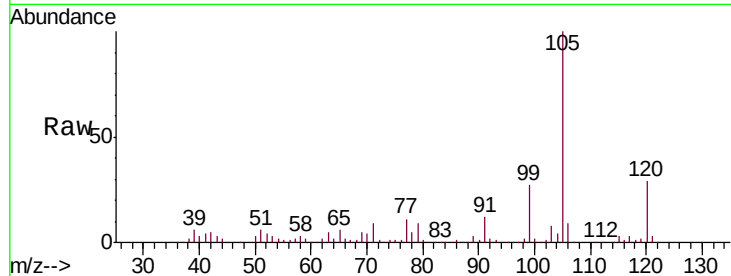
Tgt Ion: 99 Resp: 72426

Ion Ratio Lower Upper

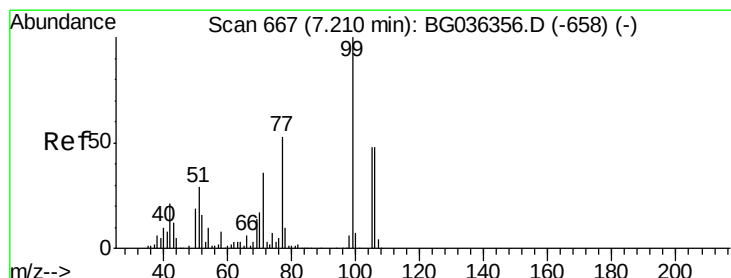
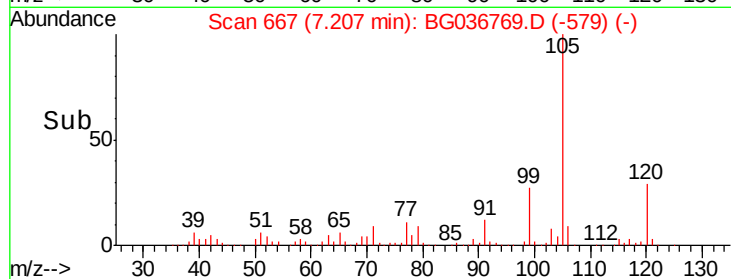
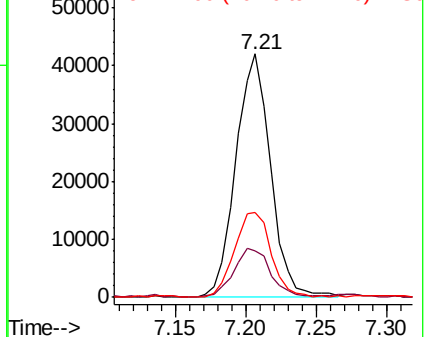
99 100

42 19.4 16.5 24.7

71 35.1 29.4 44.2



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: 9.736 ng

RT: 7.19 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG036769.D

Acq: 18 Sep 2018 2:05

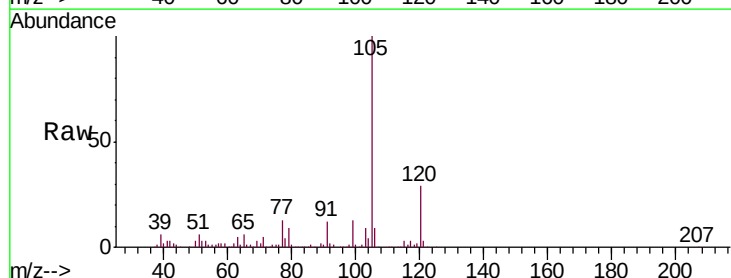
Tgt Ion: 77 Resp: 43662

Ion Ratio Lower Upper

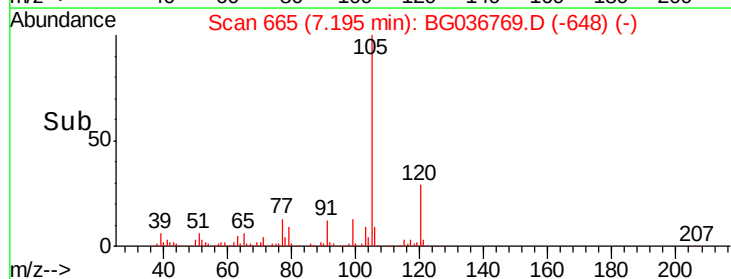
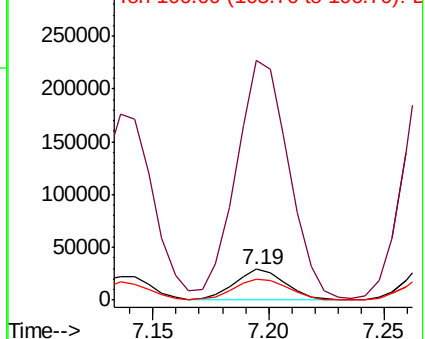
77 100

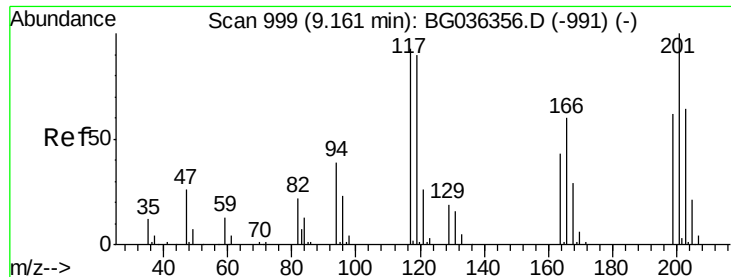
105 783.9 70.5 110.5#

106 70.0 69.8 109.8



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

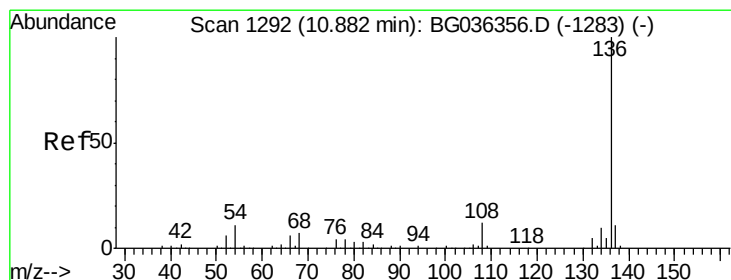
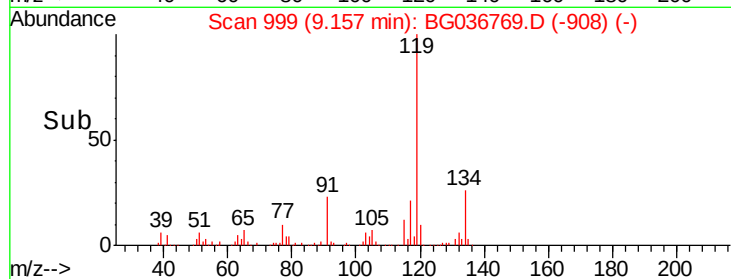
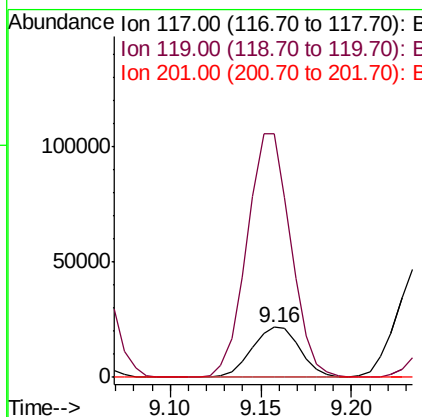
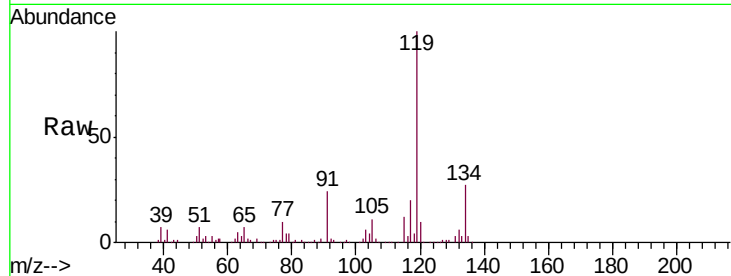




#18
Hexachloroethane
Concen: 19.449 ng
RT: 9.16 min Scan# 999
Delta R.T. 0.01 min
Lab File: BG036769.D
Acq: 18 Sep 2018 2:05

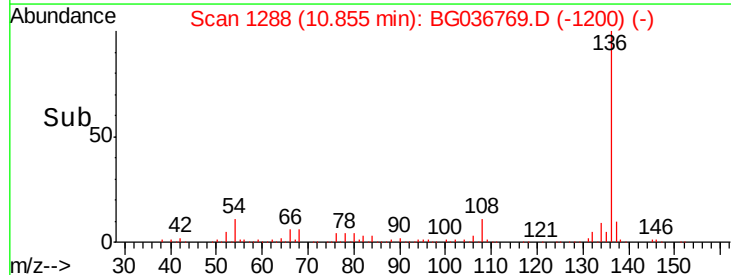
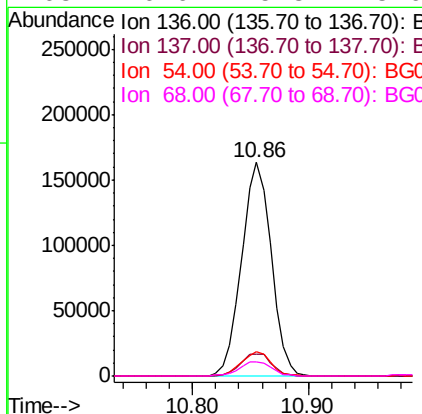
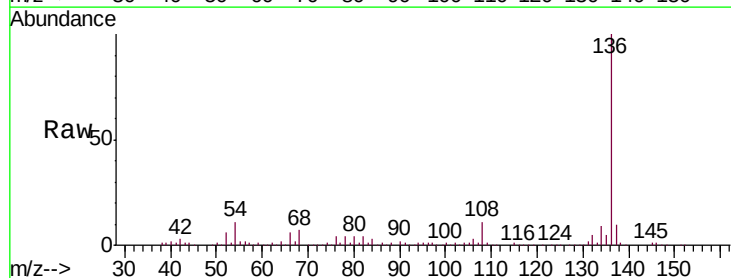
Instrument :
BNA_G
ClientSampled :
PR-MW-01-091218DL

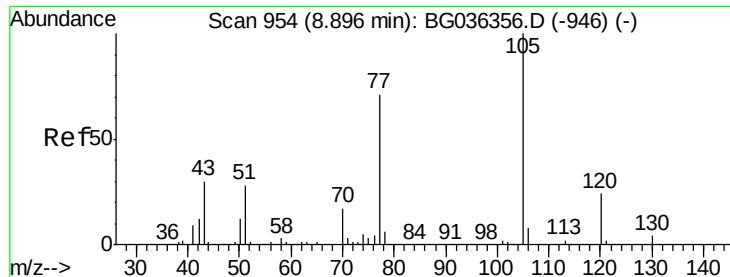
Tgt Ion:117 Resp: 39651
Ion Ratio Lower Upper
117 100
119 487.8 76.8 115.2#
201 0.0 85.7 128.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036769.D
Acq: 18 Sep 2018 2:05

Tgt Ion:136 Resp: 291355
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 11.2 9.2 13.8
68 6.6 5.8 8.6

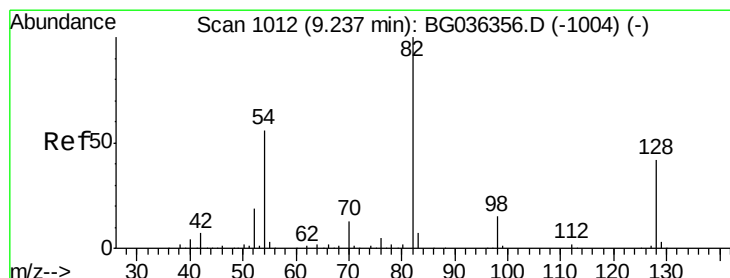
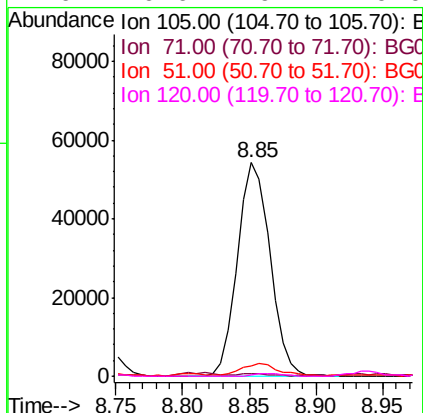
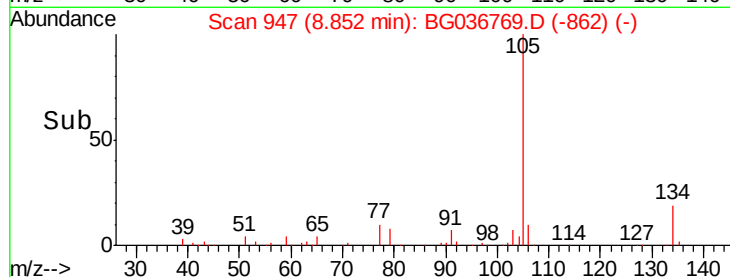
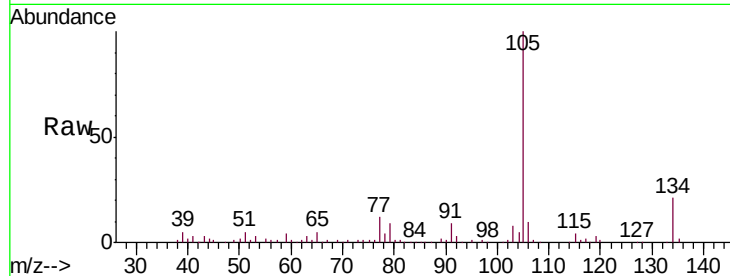




#22
 Acetophenone
 Concen: 12.012 ng
 RT: 8.85 min Scan# 947
 Delta R.T. -0.03 min
 Lab File: BG036769.D
 Acq: 18 Sep 2018 2:05

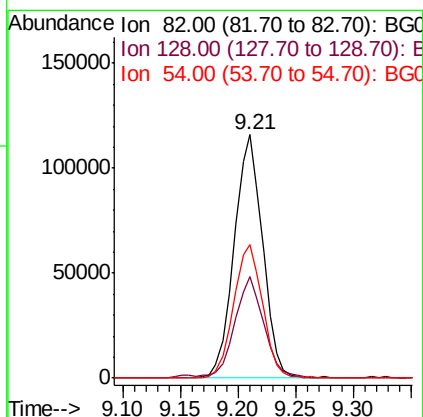
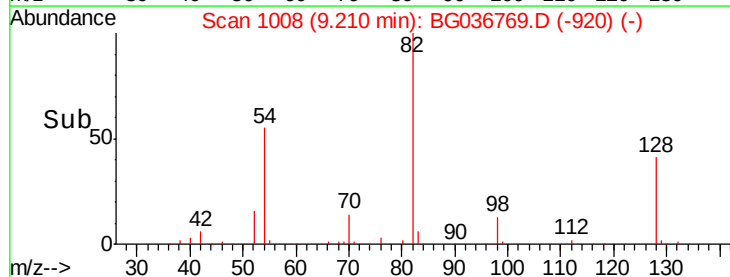
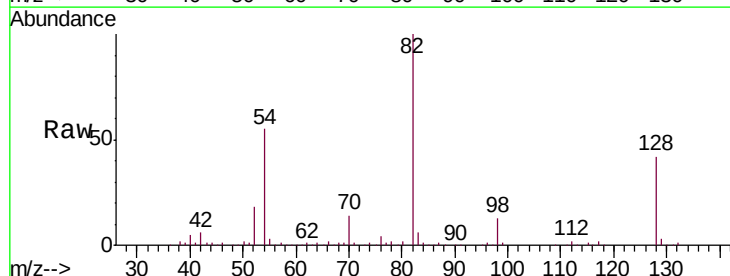
Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-01-091218DL

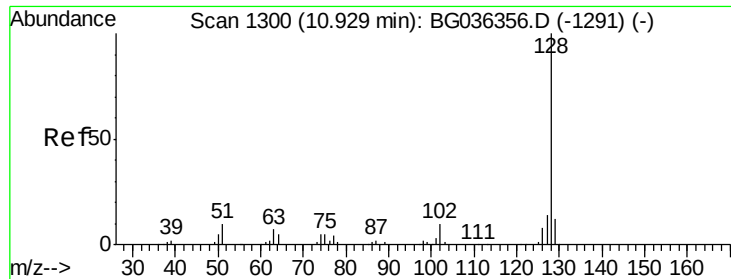
Tgt Ion:	105	Resp:	91899
Ion Ratio	Lower	Upper	
105	100		
71	1.1	2.4	3.6#
51	5.1	25.9	38.9#
120	0.6	19.4	29.0#



#23
 Nitrobenzene-d5
 Concen: 36.919 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036769.D
 Acq: 18 Sep 2018 2:05

Tgt Ion:	82	Resp:	198254
Ion Ratio	Lower	Upper	
82	100		
128	41.7	33.3	49.9
54	55.1	45.1	67.7

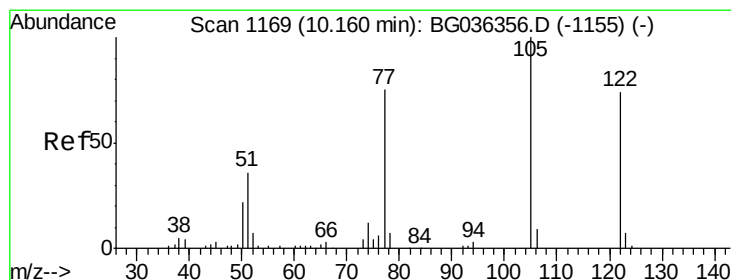
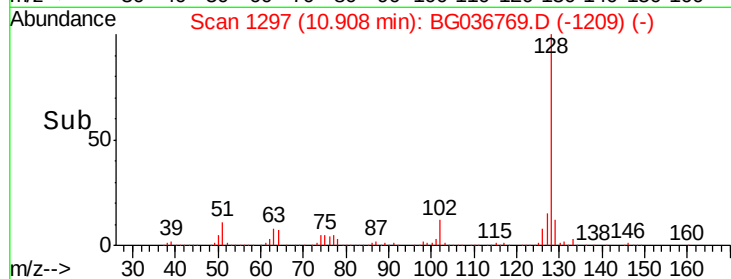
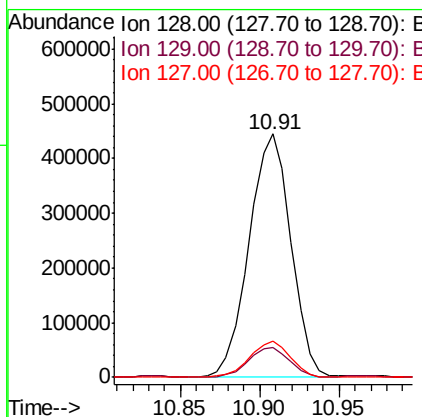
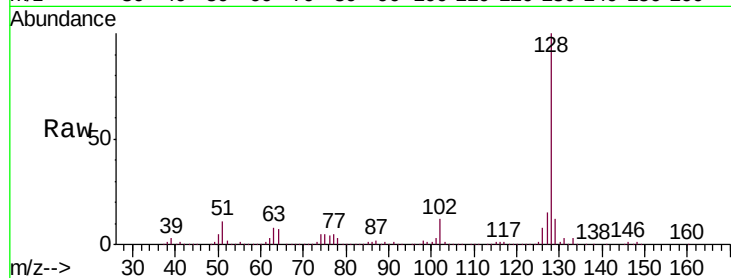




#31
Naphthalene
Concen: 55.833 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG036769.D
Acq: 18 Sep 2018 2:05

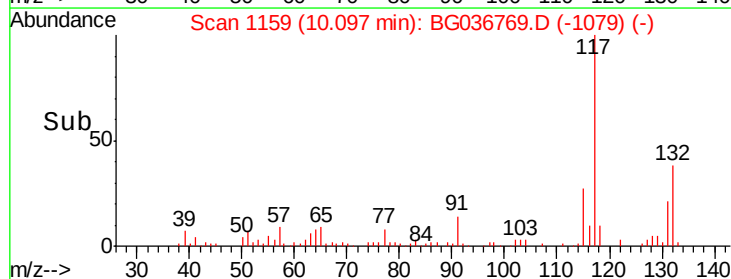
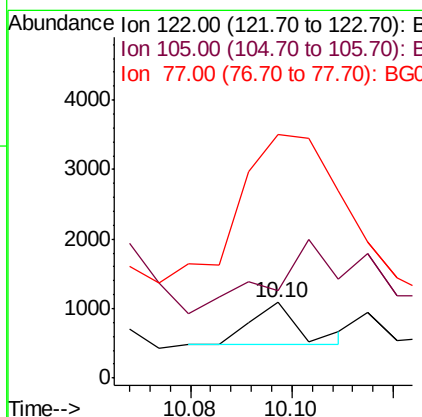
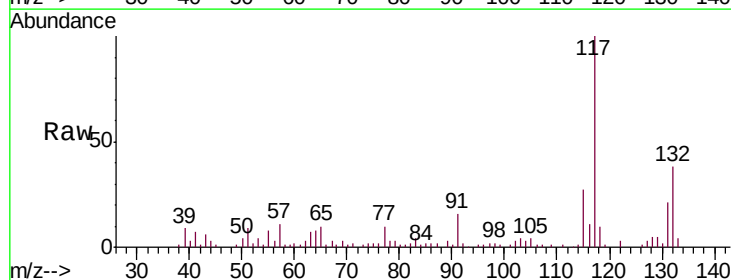
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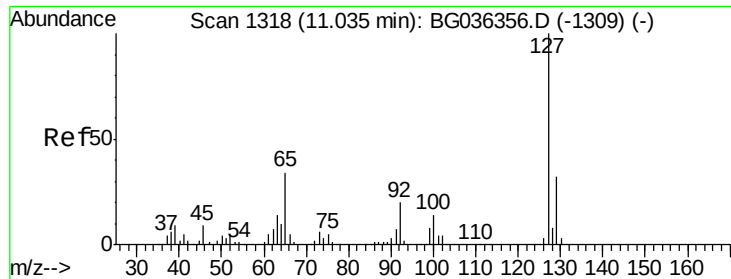
Tgt Ion:128 Resp: 813176
Ion Ratio Lower Upper
128 100
129 12.1 9.4 14.2
127 14.9 11.0 16.4



#32
Benzoic acid
Concen: 4.595 ng
RT: 10.10 min Scan# 1159
Delta R.T. -0.06 min
Lab File: BG036769.D
Acq: 18 Sep 2018 2:05

Tgt Ion:122 Resp: 402
Ion Ratio Lower Upper
122 100
105 114.9 108.1 148.1
77 321.8 76.3 116.3#

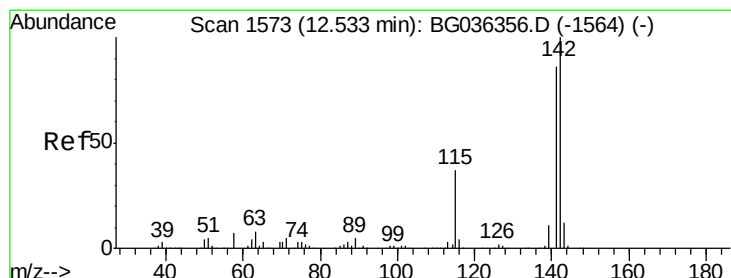
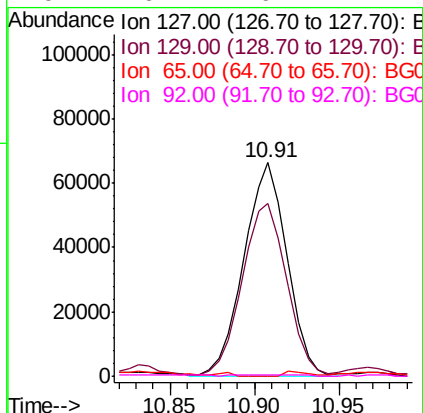
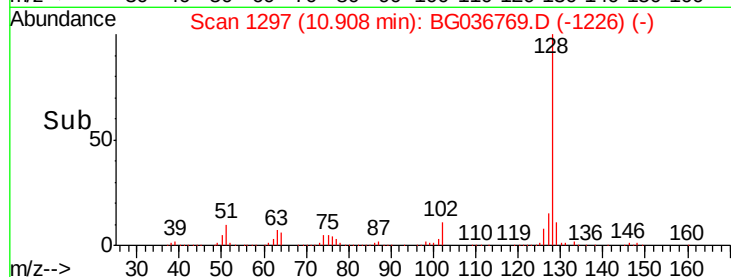
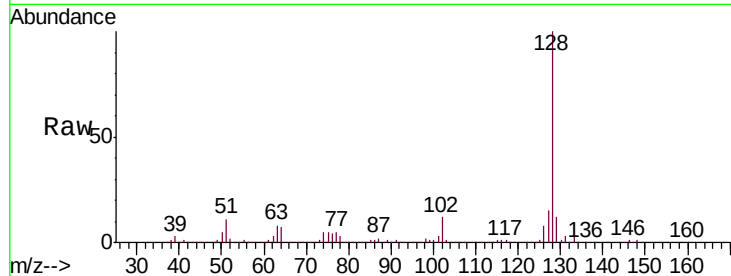




#33
4-Chloroaniline
Concen: 17.540 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.11 min
Lab File: BG036769.D
Acq: 18 Sep 2018 2:05

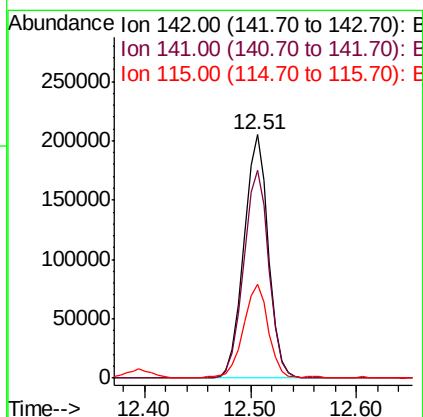
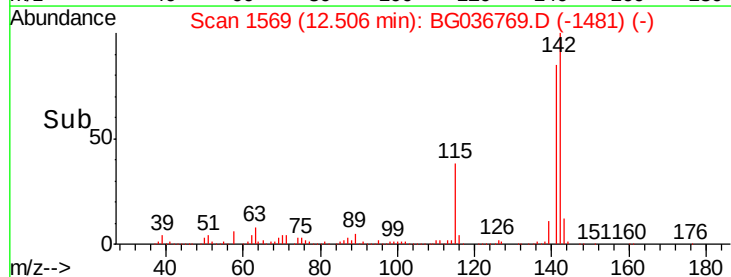
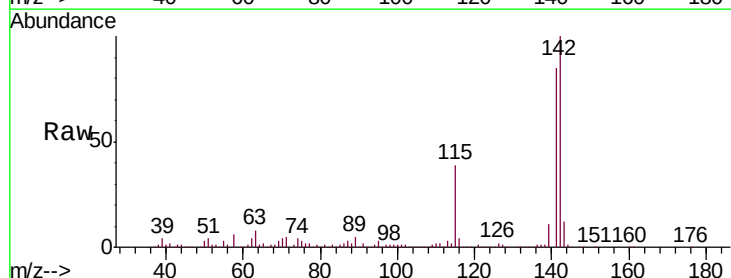
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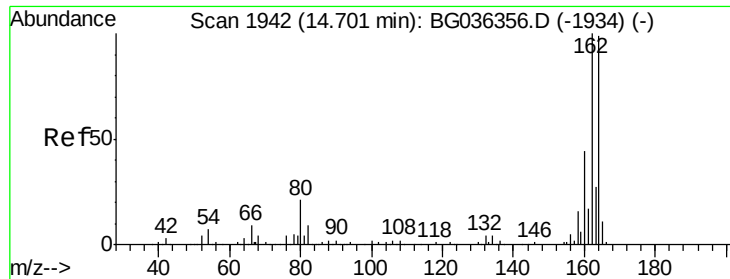
Tgt Ion:	127	Resp:	117061
Ion	Ratio	Lower	Upper
127	100		
129	80.9	25.9	38.9#
65	0.0	27.5	41.3#
92	0.7	16.2	24.2#



#37
2-Methylnaphthalene
Concen: 30.893 ng
RT: 12.51 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BG036769.D
Acq: 18 Sep 2018 2:05

Tgt Ion:	142	Resp:	329219
Ion	Ratio	Lower	Upper
142	100		
141	85.3	68.5	102.7
115	38.5	29.8	44.8





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036769.D

Acq: 18 Sep 2018 2:05

Instrument :

BNA_G

ClientSampleId :

PR-MW-01-091218DL

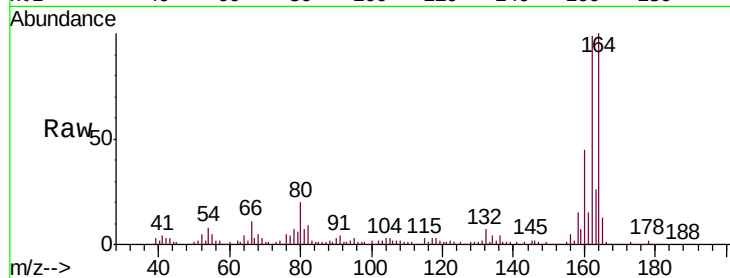
Tgt Ion:164 Resp: 184620

Ion Ratio Lower Upper

164 100

162 99.2 80.7 121.1

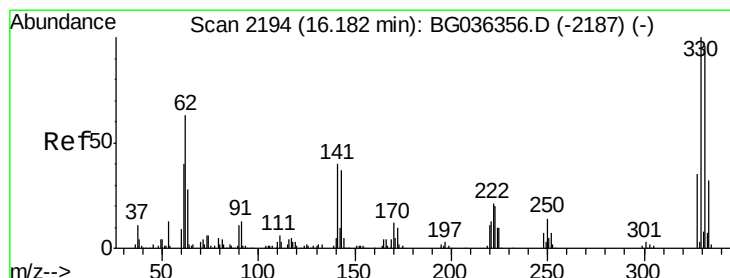
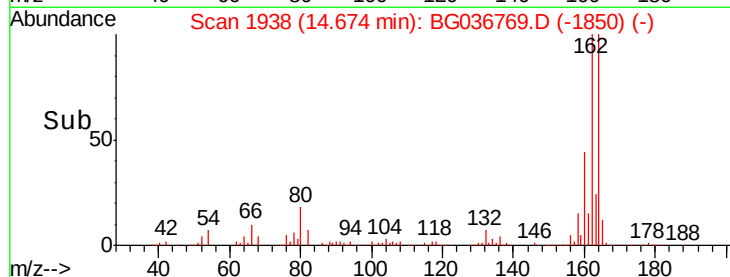
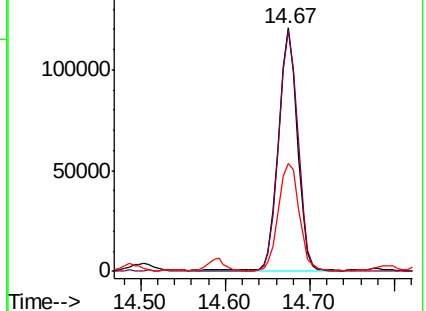
160 44.6 35.3 52.9



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: 58.813 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036769.D

Acq: 18 Sep 2018 2:05

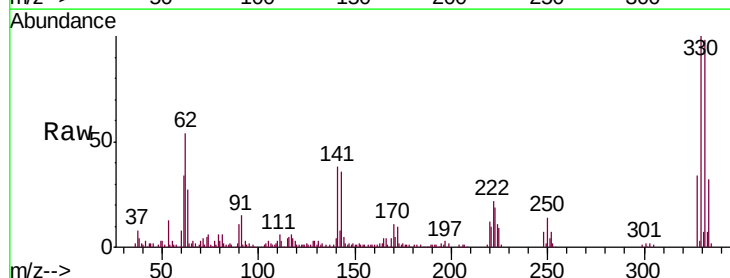
Tgt Ion:330 Resp: 129560

Ion Ratio Lower Upper

330 100

332 97.4 75.4 113.2

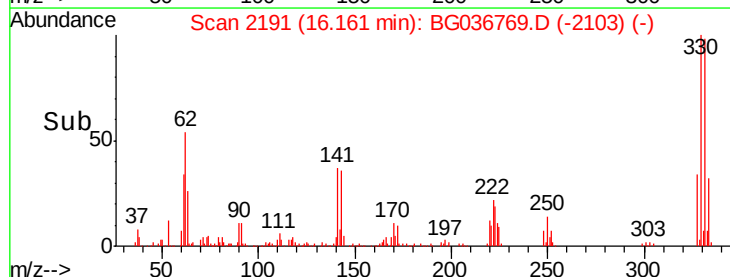
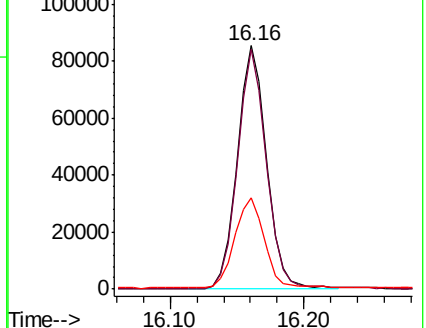
141 37.8 30.7 46.1

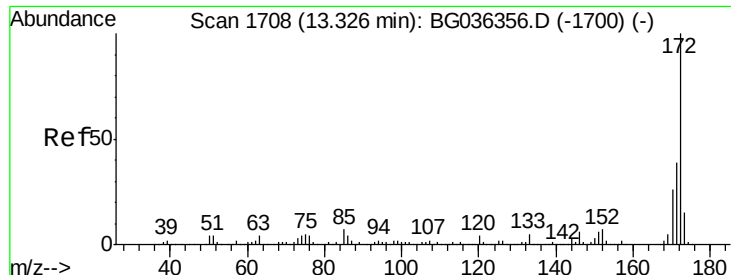


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

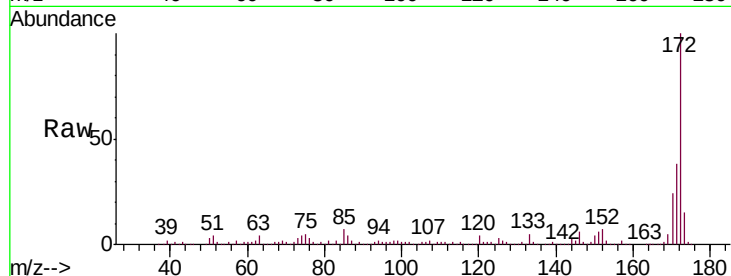




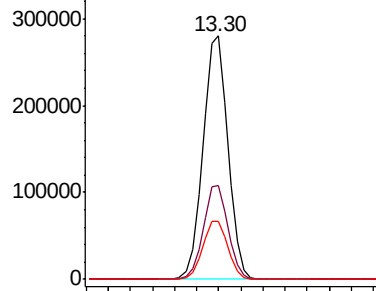
#44
 2-Fluorobiphenyl
 Concen: 34.307 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036769.D
 Acq: 18 Sep 2018 2:05

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-01-091218DL

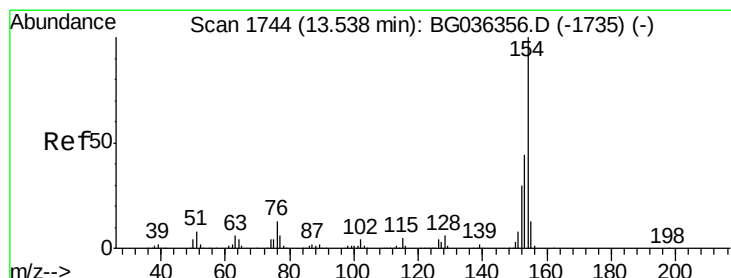
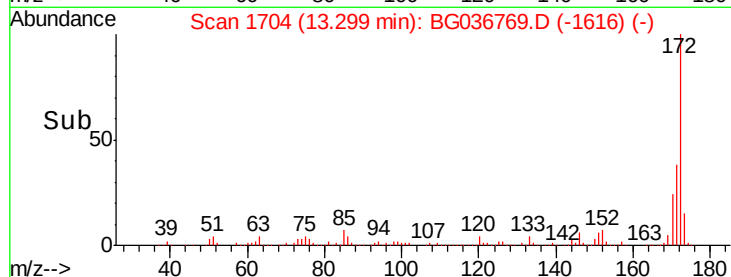
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	23.6	21.0	31.6



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

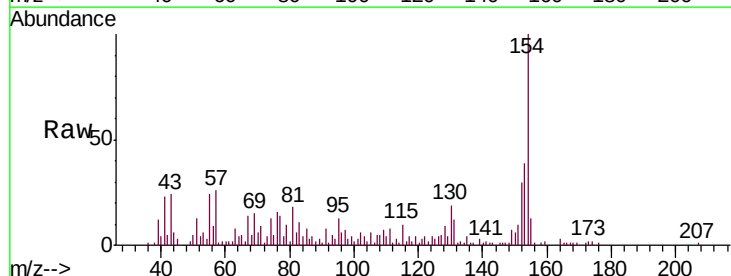


Time-->

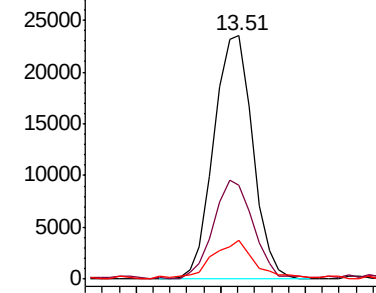


#45
 1,1'-Biphenyl
 Concen: 2.468 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG036769.D
 Acq: 18 Sep 2018 2:05

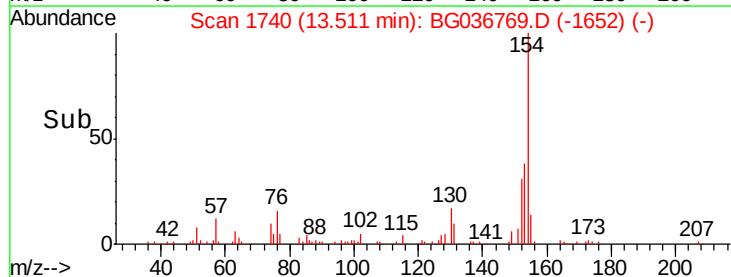
Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.7	24.0	64.0
76	16.1	0.0	32.9

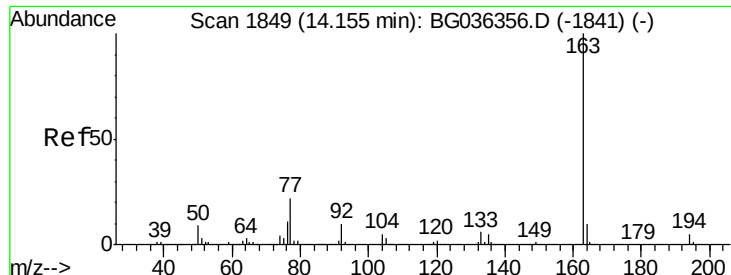


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG



Time-->

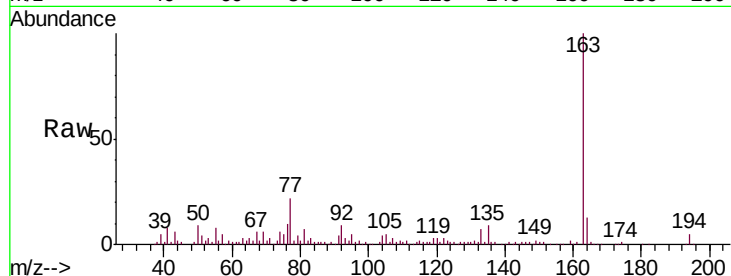




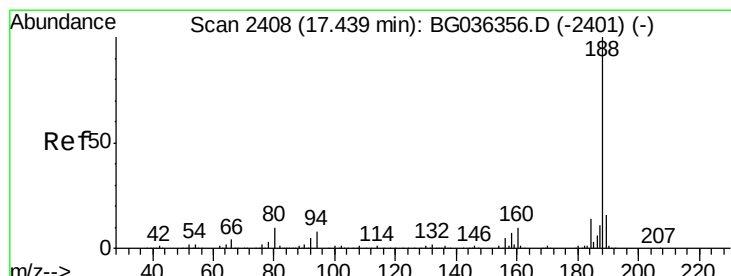
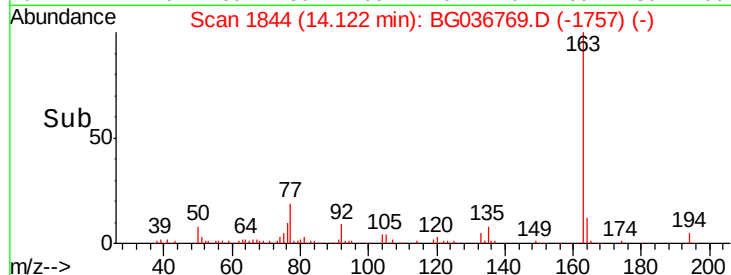
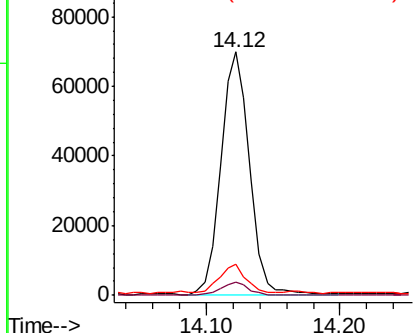
#49
Dimethylphthalate
Concen: 6.894 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BG036769.D
Acq: 18 Sep 2018 2:05

Instrument :
BNA_G
ClientSampleId :
PR-MW-01-091218DL

Tgt Ion:163 Resp: 103926
Ion Ratio Lower Upper
163 100
194 5.3 4.0 6.0
164 13.0 8.1 12.1#

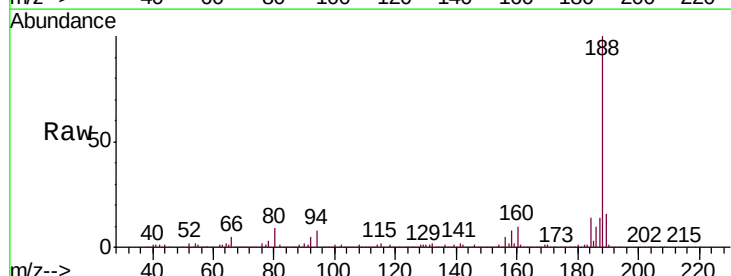


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

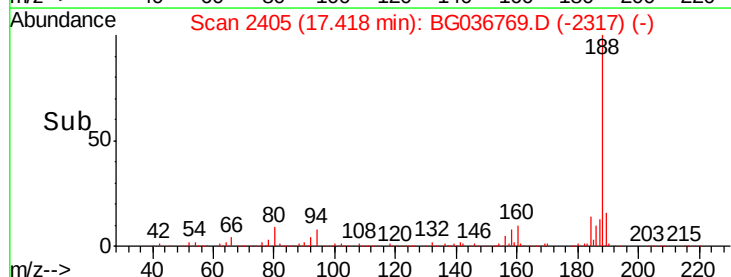
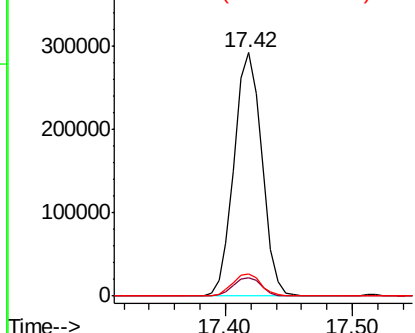


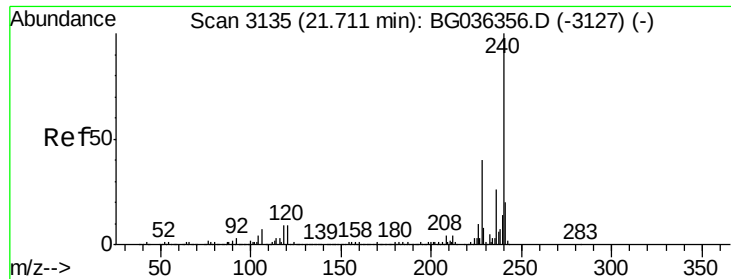
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036769.D
Acq: 18 Sep 2018 2:05

Tgt Ion:188 Resp: 444876
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 9.0 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036769.D

Acq: 18 Sep 2018 2:05

Instrument :

BNA_G

ClientSampleId :

PR-MW-01-091218DL

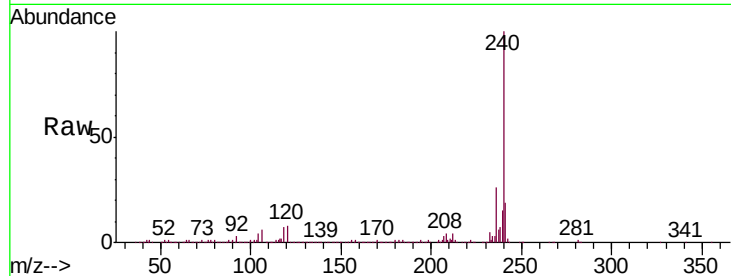
Tgt Ion:240 Resp: 490600

Ion Ratio Lower Upper

240 100

120 7.6 6.9 10.3

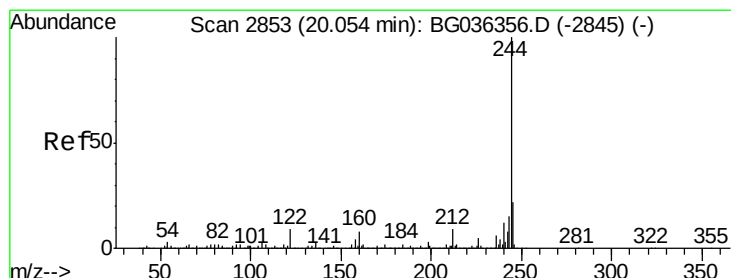
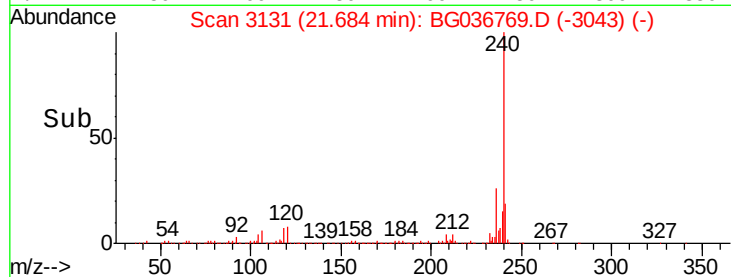
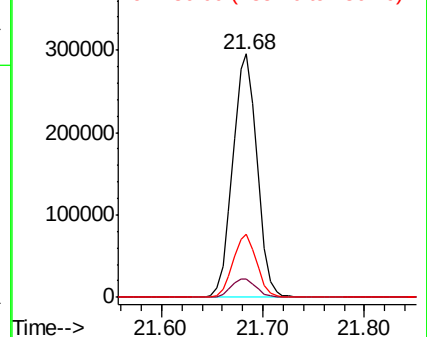
236 26.2 21.2 31.8



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



#78

Terphenyl-d14

Concen: 35.877 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036769.D

Acq: 18 Sep 2018 2:05

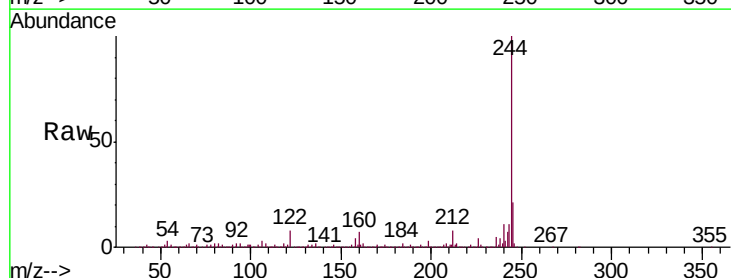
Tgt Ion:244 Resp: 753039

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.6

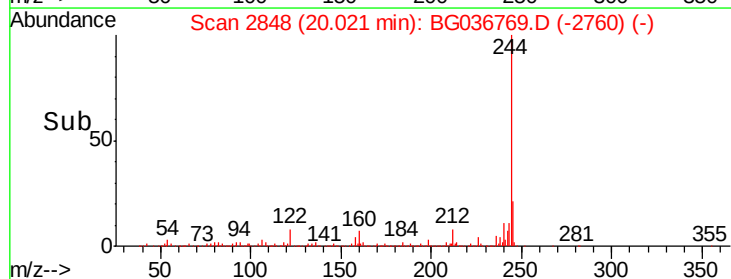
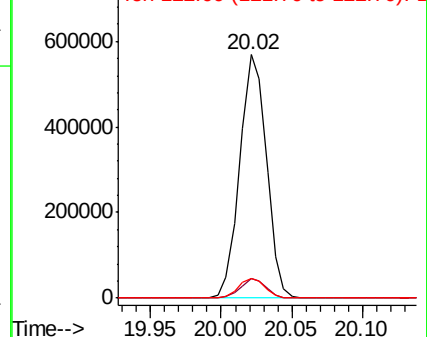
122 8.3 7.1 10.7

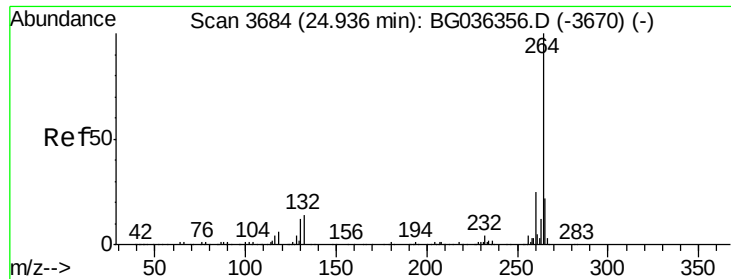


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036769.D
Acq: 18 Sep 2018 2:05

Instrument :
BNA_G
ClientSampleId :
PR-MW-01-091218DL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	22.3	17.4	26.0

