

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
 Data File : BG036277.D
 Acq On : 10 Aug 2018 21:21
 Operator : JU/SJ
 Sample : J4379-23
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-101I

Quant Time: Aug 11 00:06:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	25714	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	96611	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	69155	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	178638	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	190332	20.00	ng	-0.02
86) Perylene-d12	24.82	264	182030	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	92718	59.86	ng	0.00
7) Phenol-d6	7.18	99	74972	32.44	ng	-0.01
23) Nitrobenzene-d5	9.17	82	217583	94.08	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	140390	154.02	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	509542	98.71	ng	-0.02
78) Terphenyl-d14	19.98	244	909558	105.34	ng	-0.02

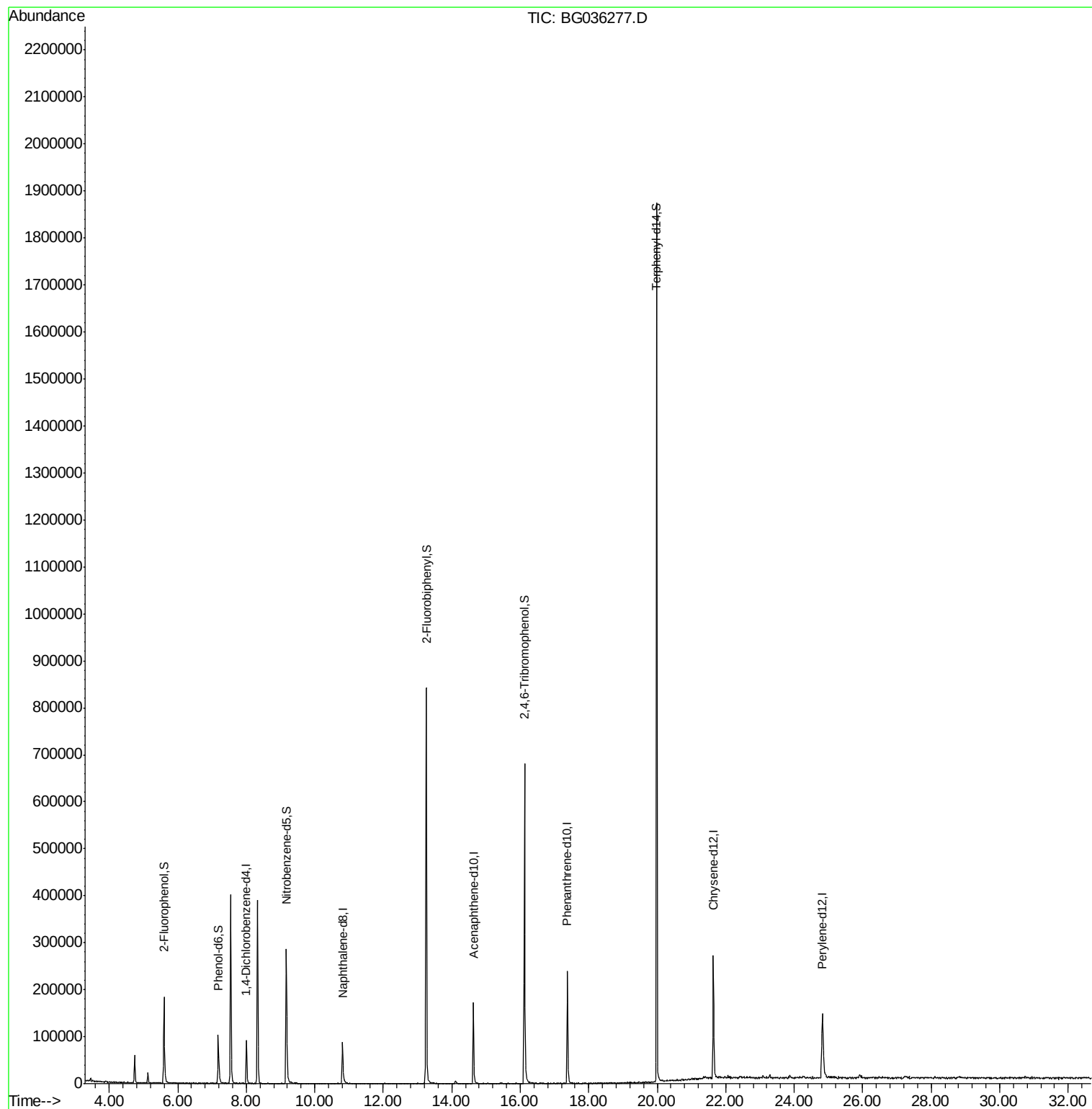
Target Compounds	Qvalue
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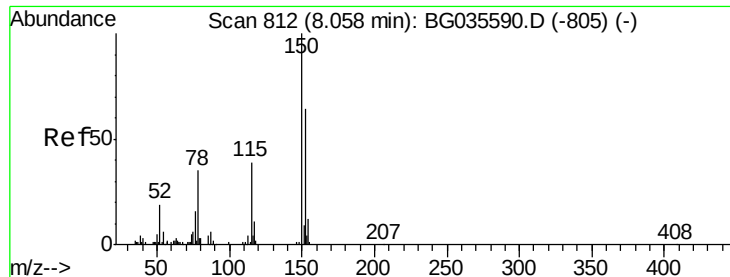
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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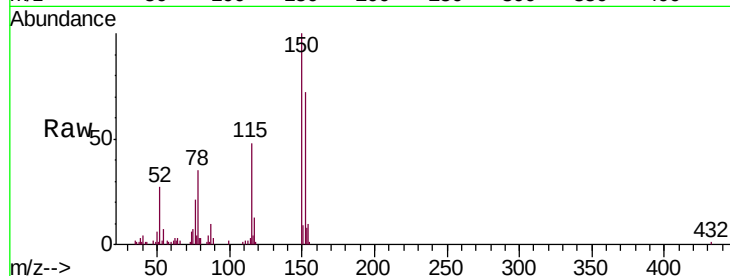


#1

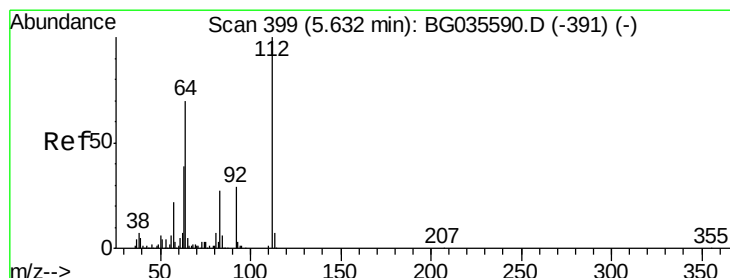
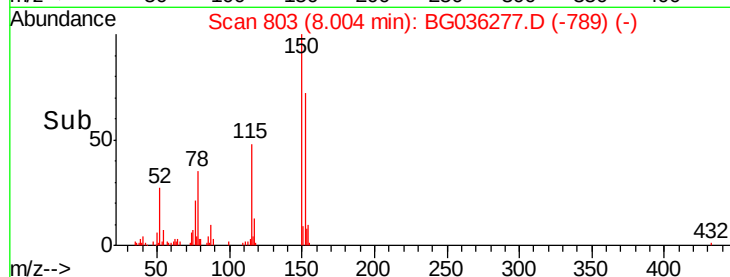
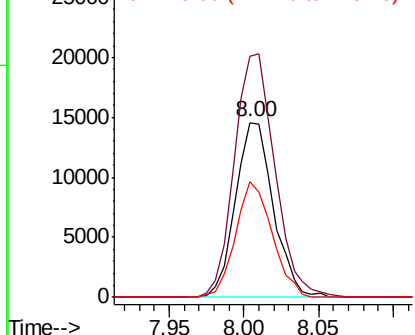
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BG036277.D
 Acq: 10 Aug 2018 21:21

Instrument :
 BNA_G
 ClientSampleId :
 MW-101I

Tgt Ion:152 Resp: 25714
 Ion Ratio Lower Upper
 152 100
 150 138.0 126.6 189.8
 115 65.8 53.0 79.4



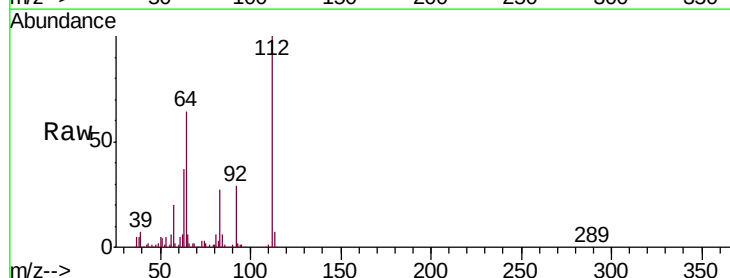
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



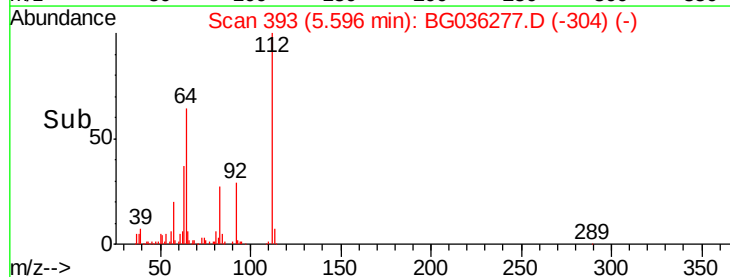
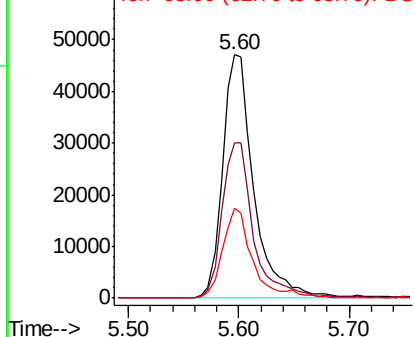
#5

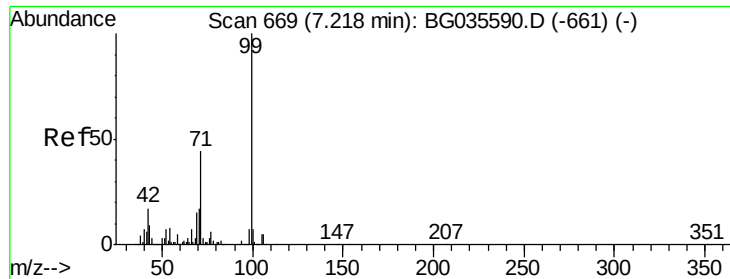
2-Fluorophenol
 Concen: 59.864 ng
 RT: 5.60 min Scan# 393
 Delta R.T. -0.01 min
 Lab File: BG036277.D
 Acq: 10 Aug 2018 21:21

Tgt Ion:112 Resp: 92718
 Ion Ratio Lower Upper
 112 100
 64 64.0 56.3 84.5
 63 36.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 32.444 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036277.D

Acq: 10 Aug 2018 21:21

Instrument :

BNA_G

ClientSampleId :

MW-101I

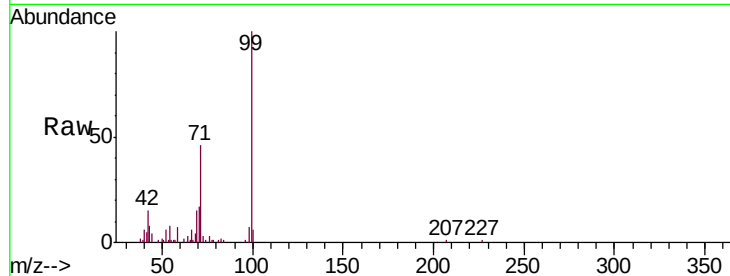
Tgt Ion: 99 Resp: 74972

Ion Ratio Lower Upper

99 100

42 15.0 14.1 21.1

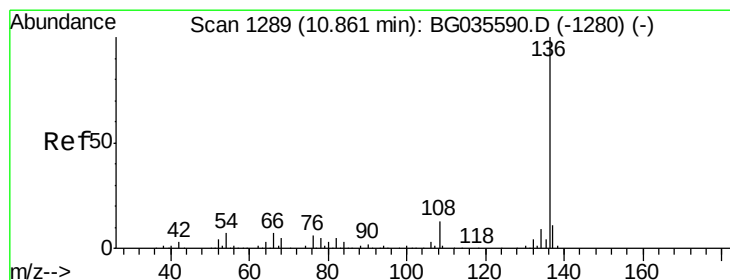
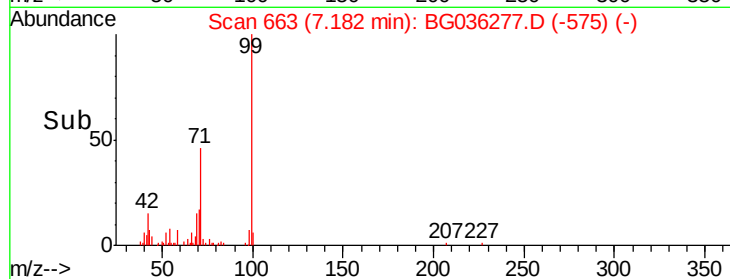
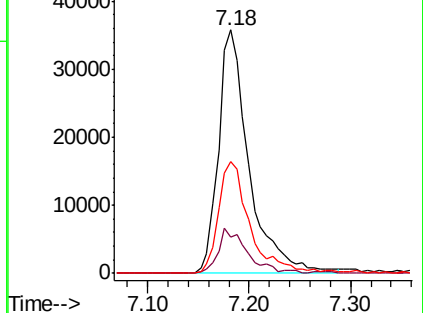
71 45.7 26.1 39.1#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BG036277.D

Acq: 10 Aug 2018 21:21

Tgt Ion: 136 Resp: 96611

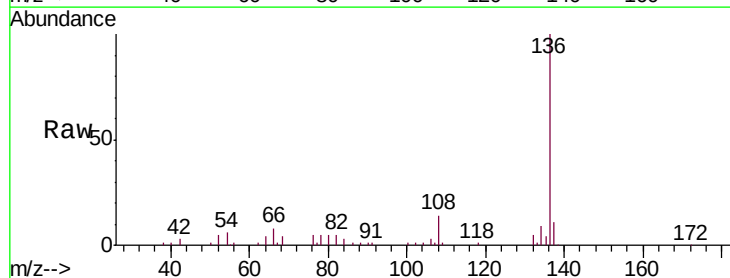
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 6.4 10.3 15.5#

68 4.2 4.5 6.7#

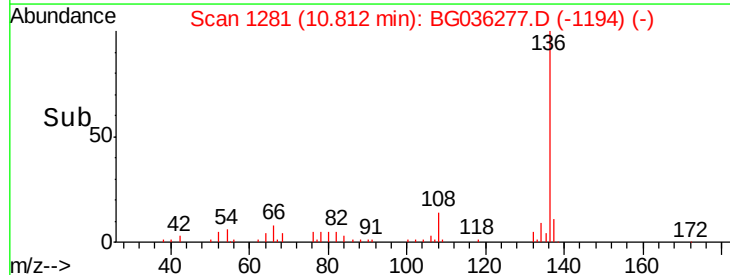
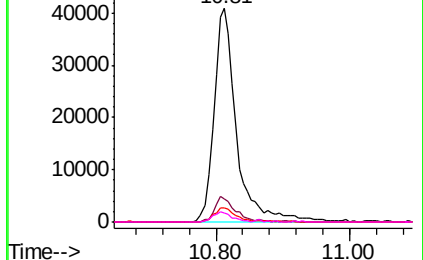


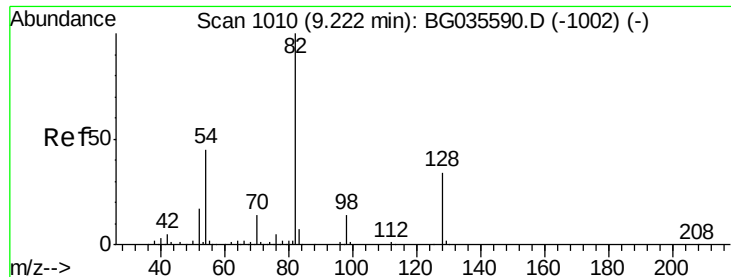
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

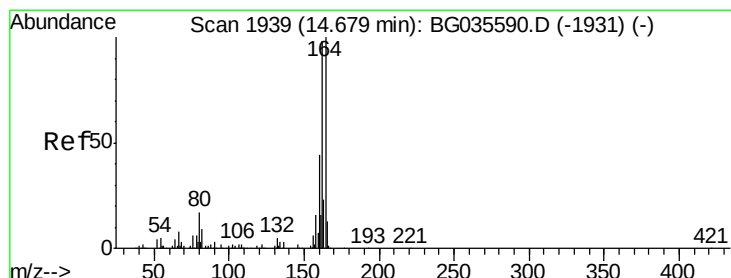
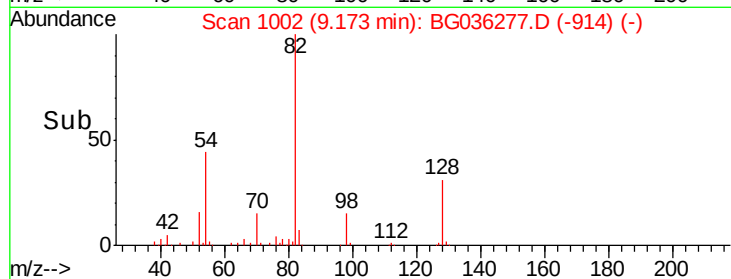
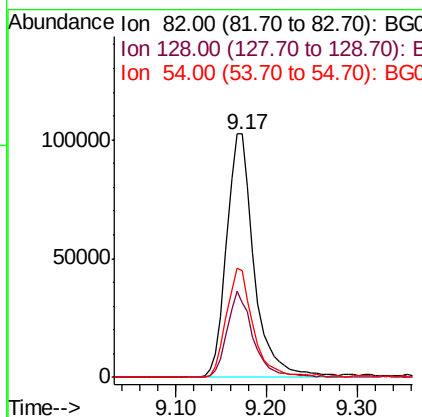
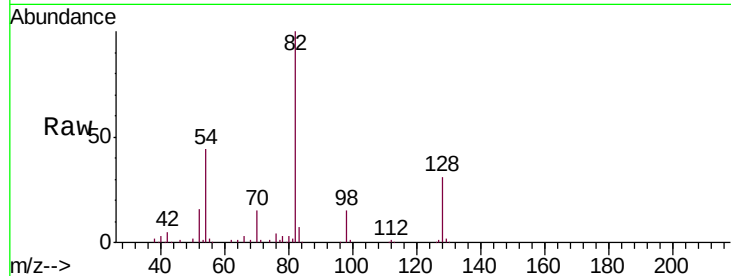




#23
 Nitrobenzene-d5
 Concen: 94.083 ng
 RT: 9.17 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BG036277.D
 Acq: 10 Aug 2018 21:21

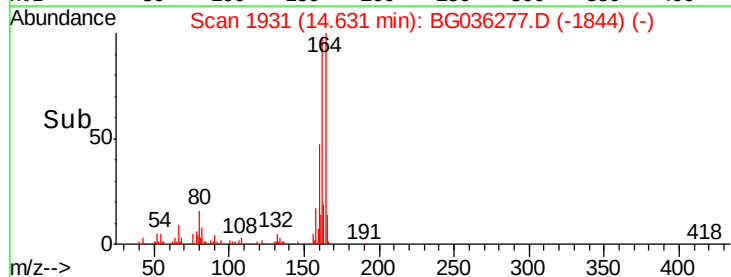
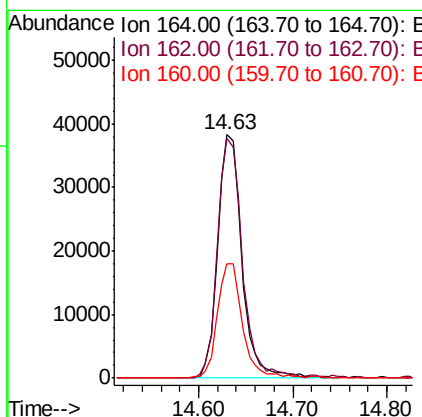
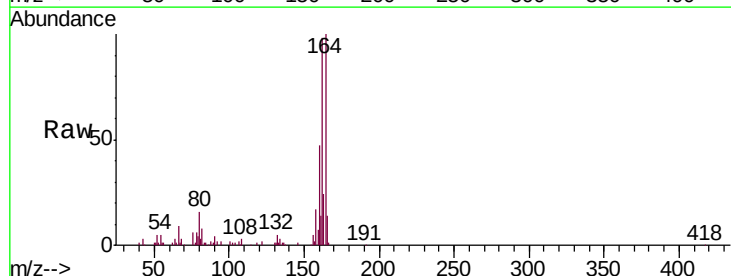
Instrument :
 BNA_G
 ClientSampleId :
 MW-101I

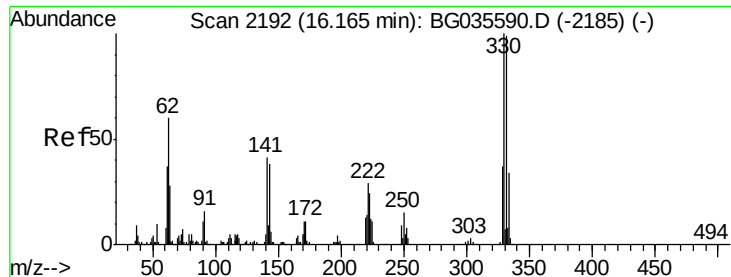
Tgt Ion	Ratio	Lower	Upper
82	100		
128	30.7	29.7	44.5
54	44.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036277.D
 Acq: 10 Aug 2018 21:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.4	78.8	118.2
160	47.0	35.4	53.0

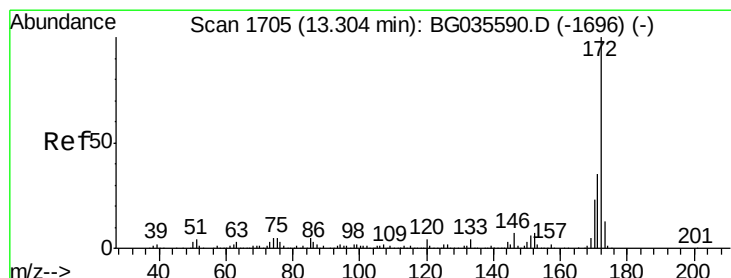
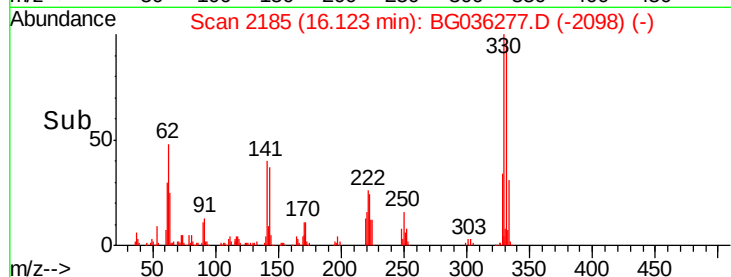
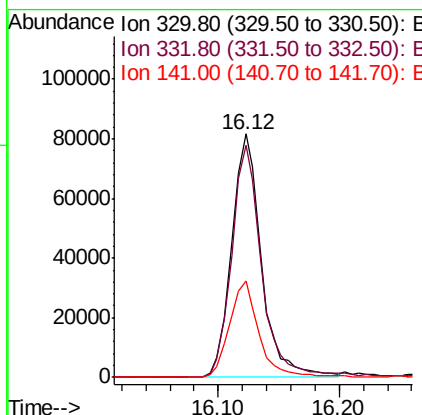
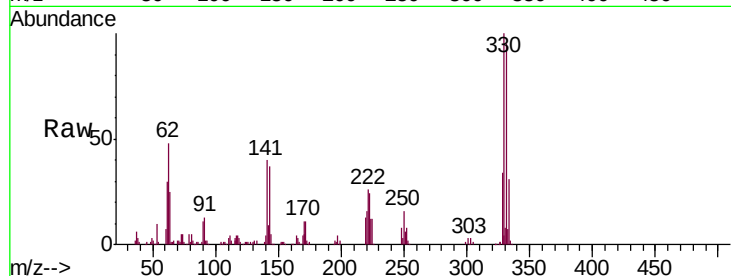




#41
 2,4,6-Tribromophenol
 Concen: 154.020 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036277.D
 Acq: 10 Aug 2018 21:21

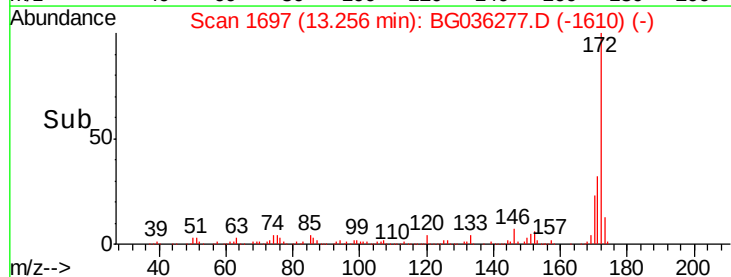
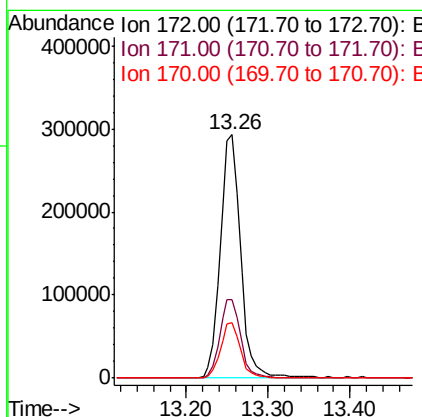
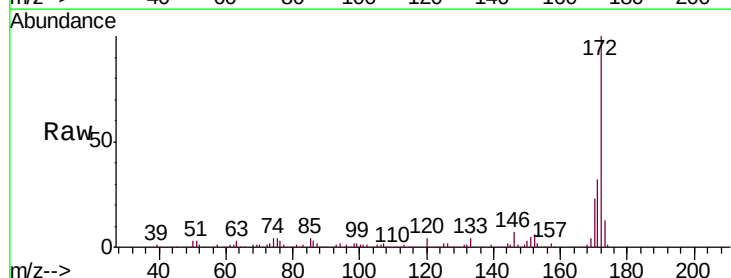
Instrument :
 BNA_G
 ClientSampled :
 MW-101I

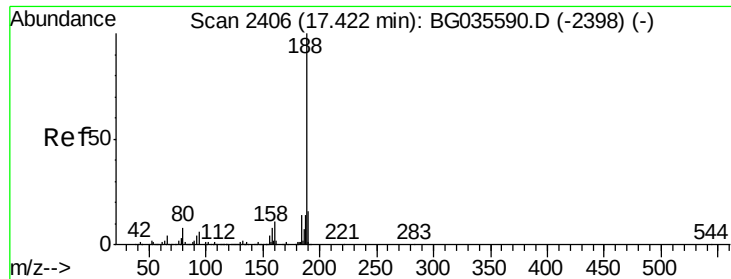
Tgt Ion:330 Resp: 140390
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 39.3 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 98.714 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036277.D
 Acq: 10 Aug 2018 21:21

Tgt Ion:172 Resp: 509542
 Ion Ratio Lower Upper
 172 100
 171 32.2 30.0 45.0
 170 22.8 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036277.D

Acq: 10 Aug 2018 21:21

Instrument :

BNA_G

ClientSampled :

MW-101I

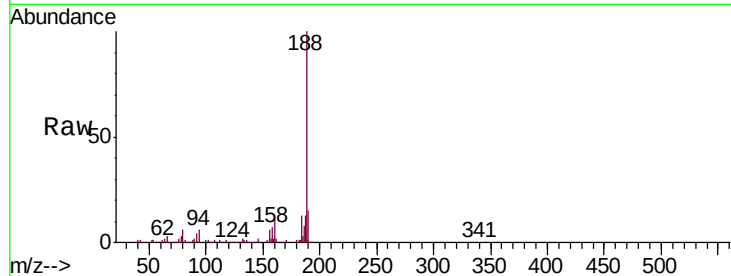
Tgt Ion:188 Resp: 178638

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

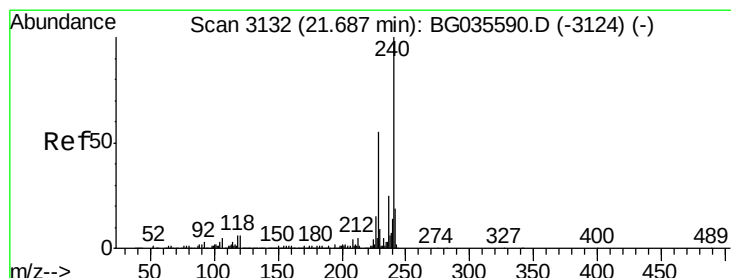
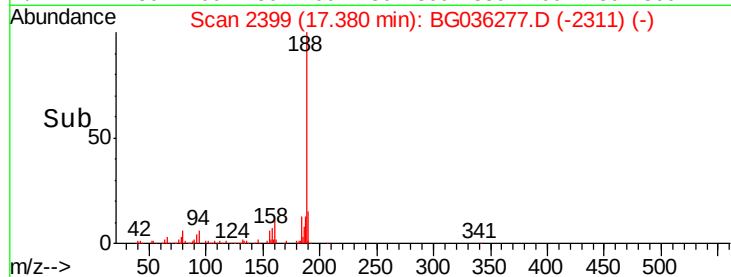
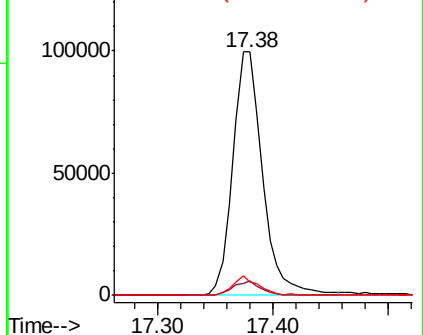
80 5.7 7.7 11.5#



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: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036277.D

Acq: 10 Aug 2018 21:21

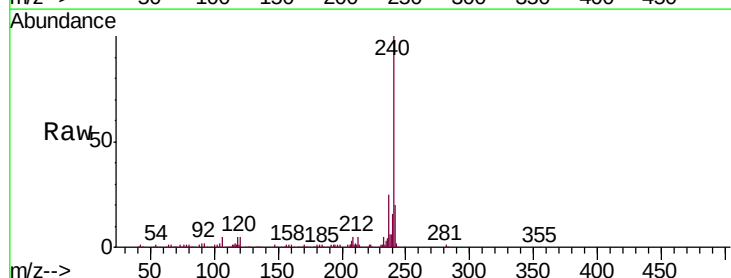
Tgt Ion:240 Resp: 190332

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

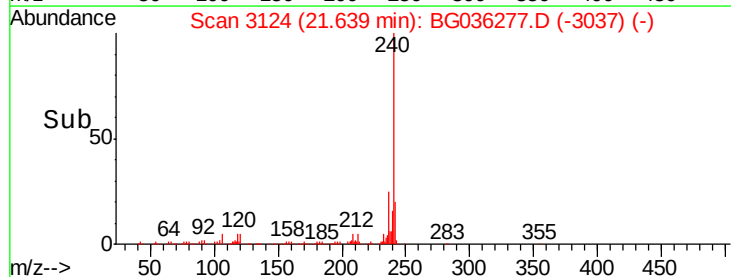
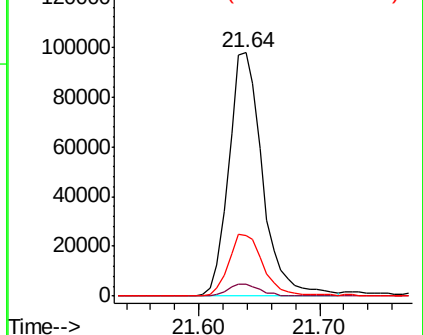
236 24.9 20.9 31.3

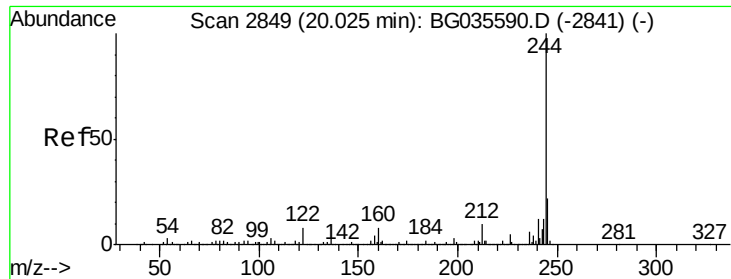


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 105.339 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036277.D

Acq: 10 Aug 2018 21:21

Instrument :

BNA_G

ClientSampleId :

MW-101I

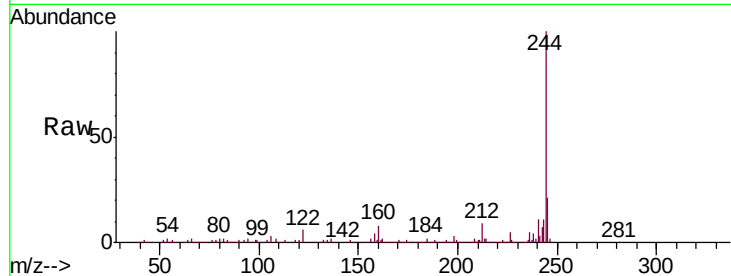
Tgt Ion:244 Resp: 909558

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

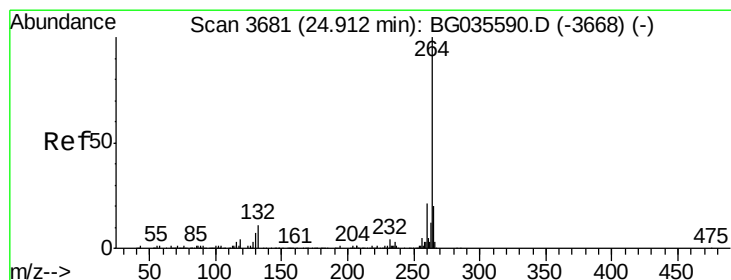
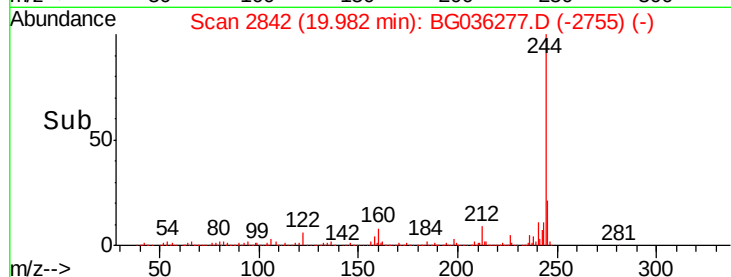
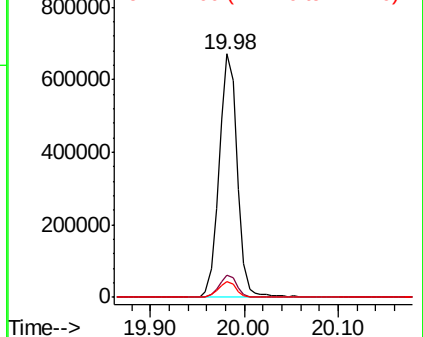
122 6.4 7.0 10.4#



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: 24.82 min Scan# 3666

Delta R.T. -0.04 min

Lab File: BG036277.D

Acq: 10 Aug 2018 21:21

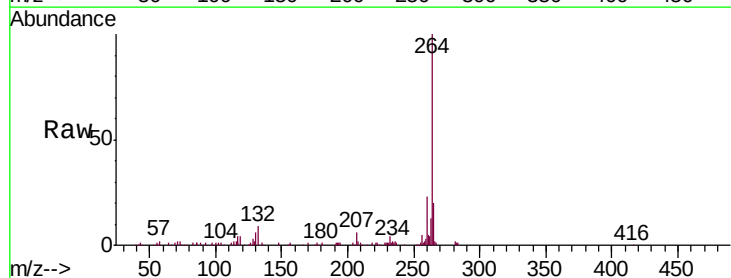
Tgt Ion:264 Resp: 182030

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 20.3 17.7 26.5



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

