

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036391.D
 Acq On : 24 Aug 2018 00:05
 Operator : JU/SJ
 Sample : J4522-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-5

Quant Time: Aug 24 04:02:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

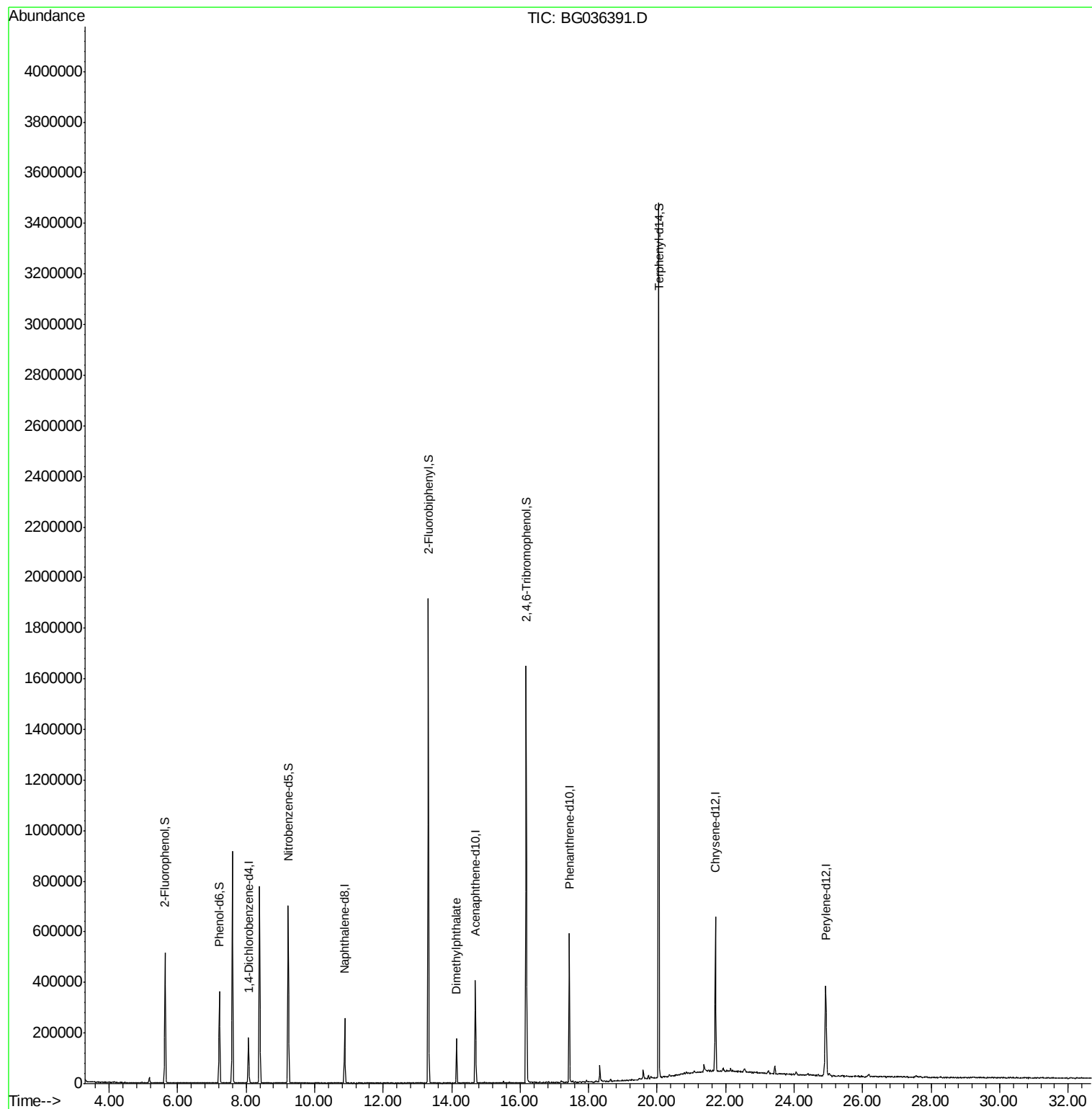
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	48353	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	209588	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	140732	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	362773	20.00	ng	0.00
75) Chrysene-d12	21.70	240	375361	20.00	ng	-0.01
86) Perylene-d12	24.92	264	388684	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	220324	72.28	ng	0.00
7) Phenol-d6	7.22	99	200750	46.00	ng	0.00
23) Nitrobenzene-d5	9.23	82	414687	107.35	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	295147	175.76	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	971601	98.58	ng	0.00
78) Terphenyl-d14	20.05	244	1611757	100.36	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.14	163	119979	10.441	ng	Qvalue 97

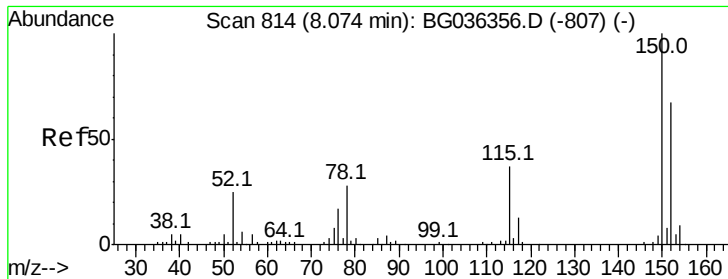
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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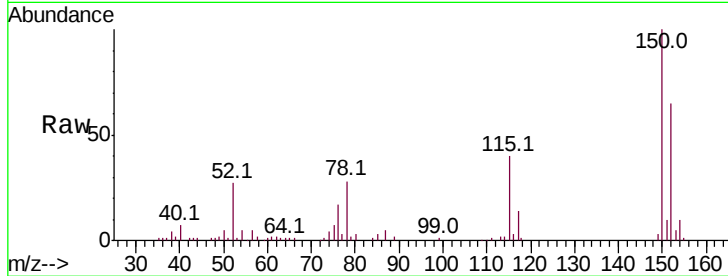


#1

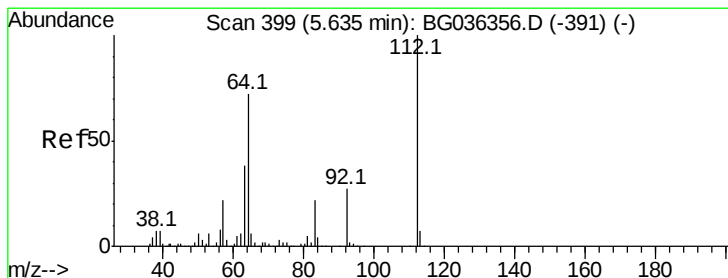
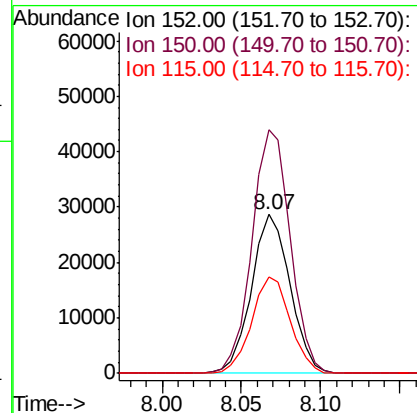
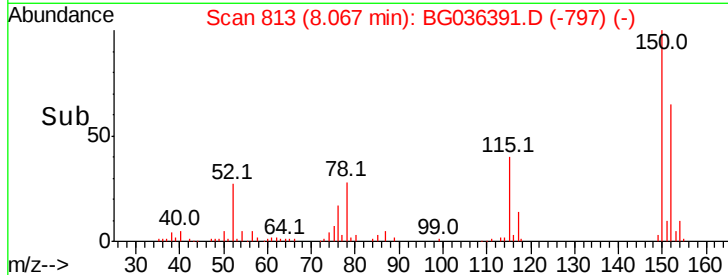
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036391.D
Acq: 24 Aug 2018 00:05

Instrument :
BNA_G
ClientSampleId :
MW-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	119.5	179.3
115	60.9	44.5	66.7



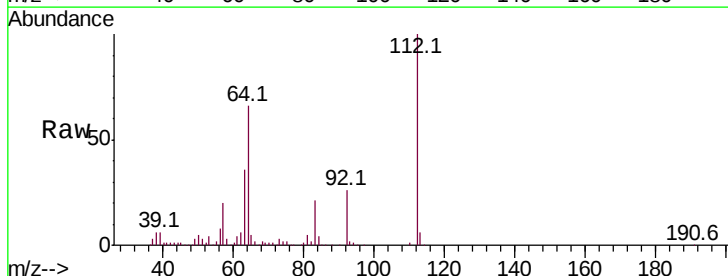
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



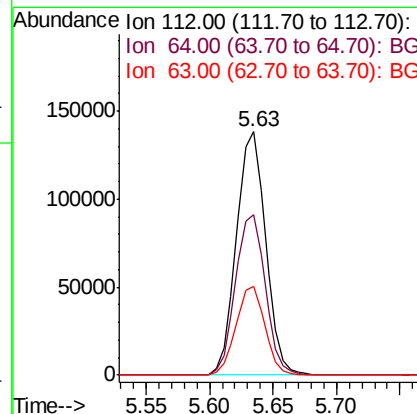
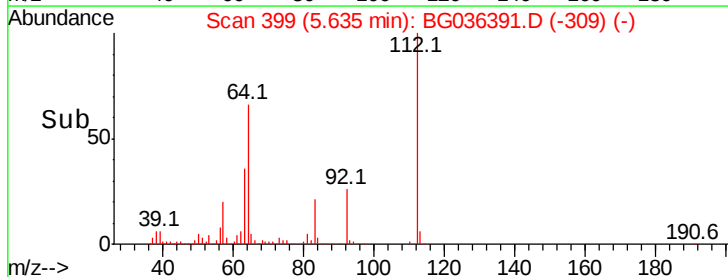
#5

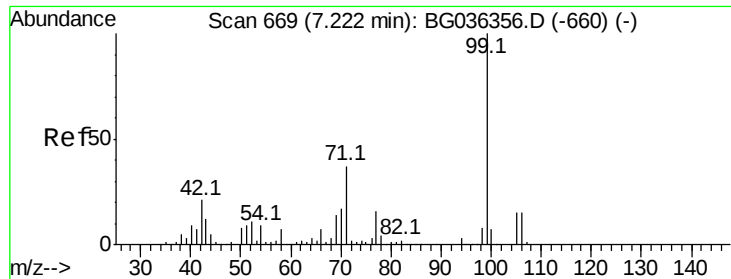
2-Fluorophenol
Concen: 72.281 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036391.D
Acq: 24 Aug 2018 00:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	57.2	85.8
63	36.5	30.8	46.2



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: 45.999 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036391.D

Acq: 24 Aug 2018 00:05

Instrument :

BNA_G

ClientSampleId :

MW-5

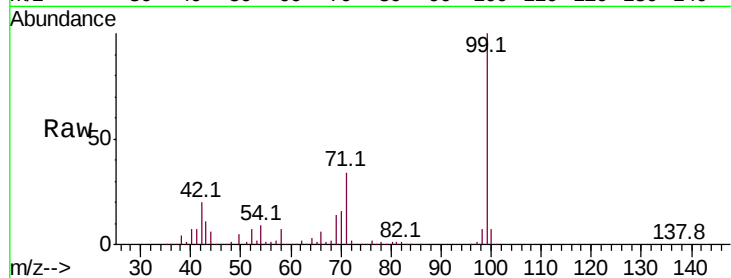
Tot Ion: 99 Resp: 200750

Ion Ratio Lower Upper

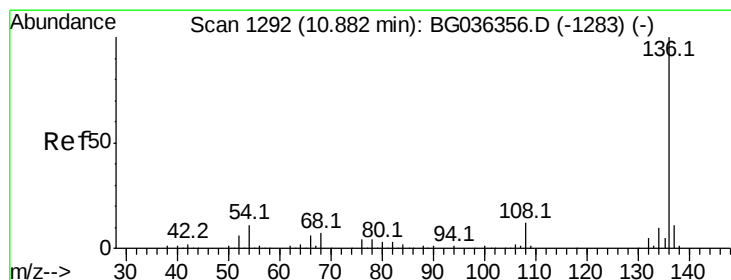
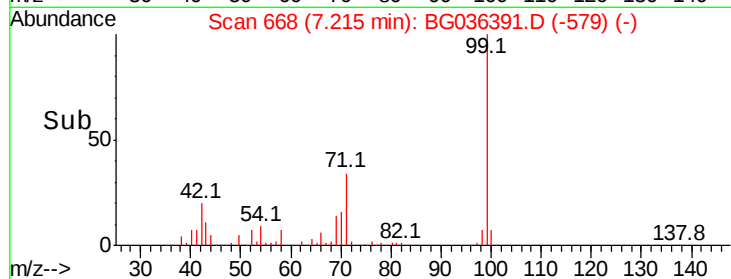
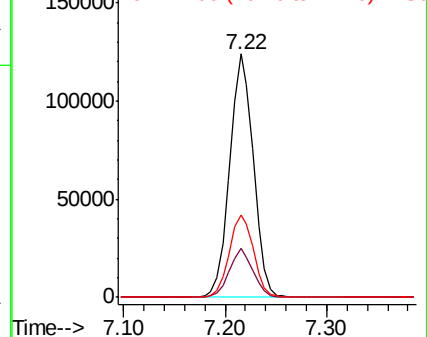
99 100

42 20.0 16.5 24.7

71 34.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG036391.D

Acq: 24 Aug 2018 00:05

Tgt Ion: 136 Resp: 209588

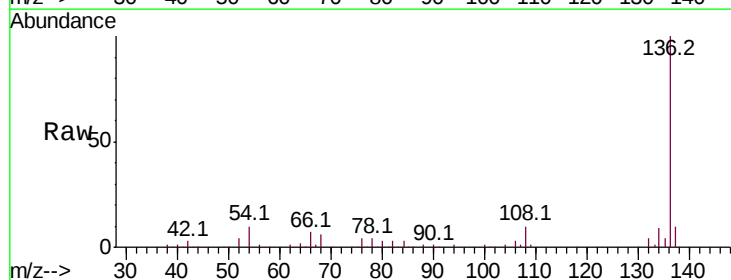
Ion Ratio Lower Upper

136 100

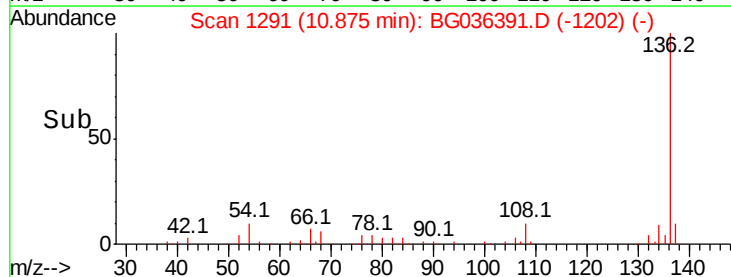
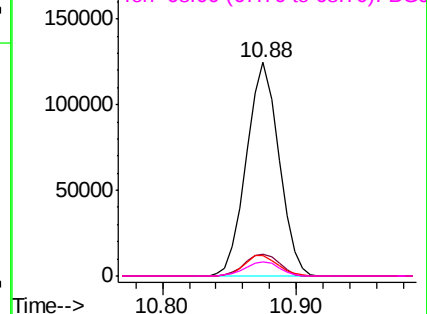
137 9.9 8.8 13.2

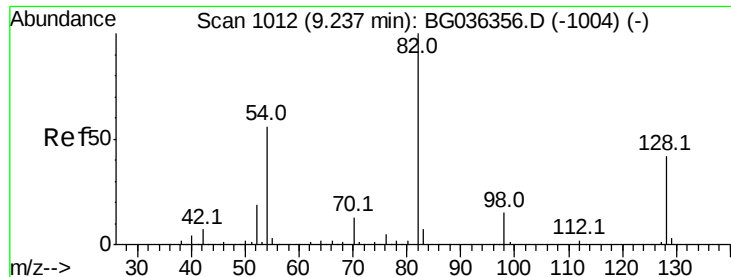
54 9.6 9.2 13.8

68 6.3 5.8 8.6



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

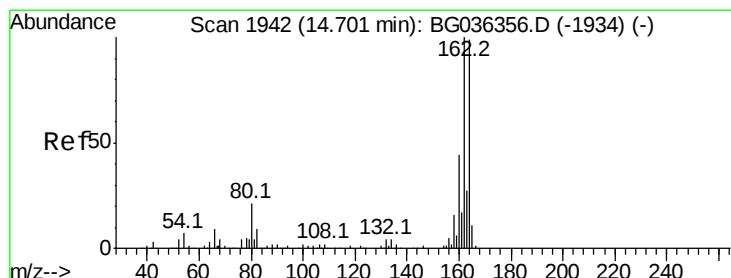
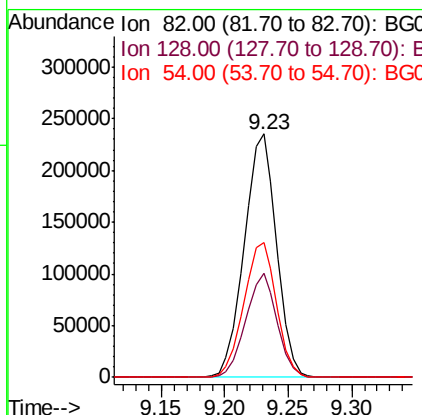
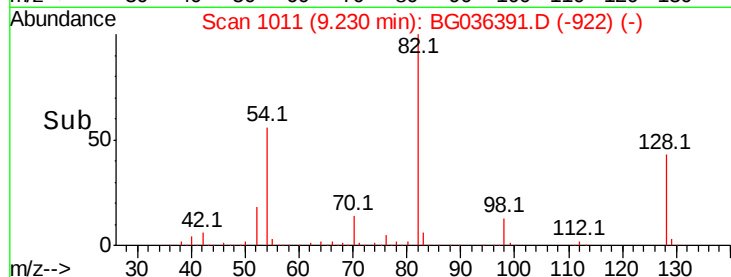
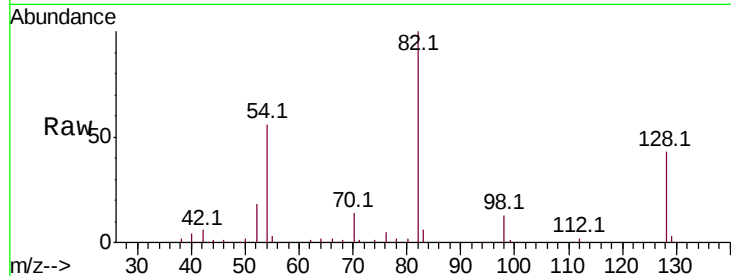




#23
 Nitrobenzene-d5
 Concen: 107.351 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG036391.D
 Acq: 24 Aug 2018 00:05

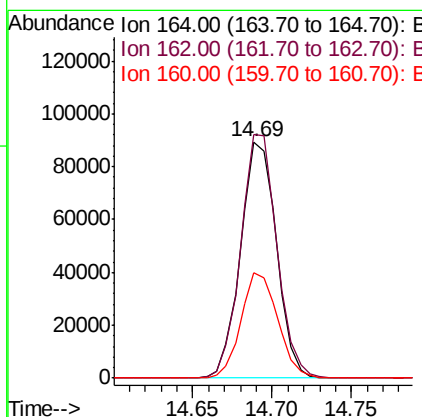
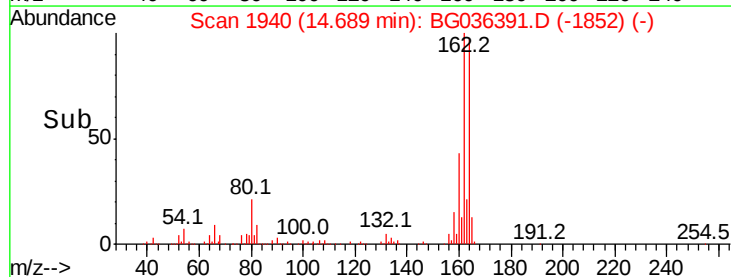
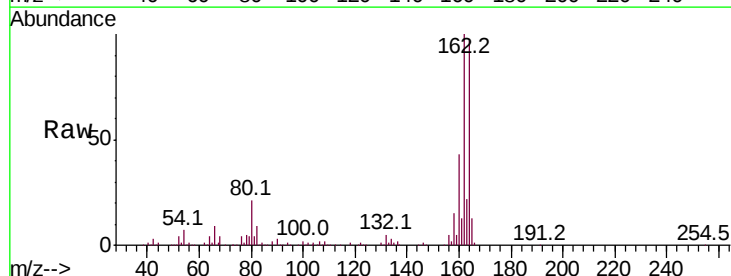
Instrument :
 BNA_G
 ClientSampleID :
 MW-5

Tot Ion	82	Resp	414687
Ion Ratio	100	Lower	Upper
128	42.7	33.3	49.9
54	55.6	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG036391.D
 Acq: 24 Aug 2018 00:05

Tgt Ion	164	Resp	140732
Ion Ratio	100	Lower	Upper
162	103.1	80.7	121.1
160	44.5	35.3	52.9

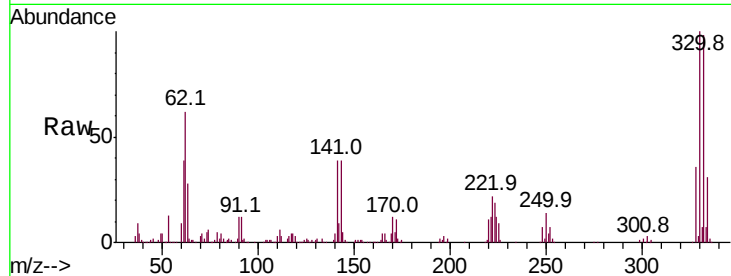




#41
 2,4,6-Tribromophenol
 Concen: 175.761 ng
 RT: 16.18 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036391.D
 Acq: 24 Aug 2018 00:05

Instrument :
 BNA_G
 ClientSampleId :
 MW-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.4	113.2
141	37.9	30.7	46.1

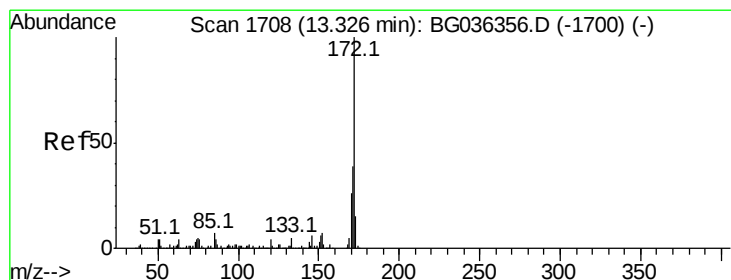
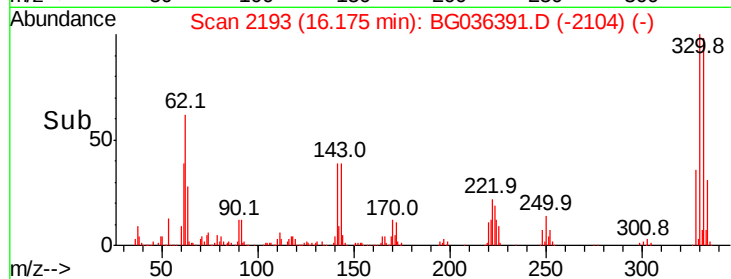
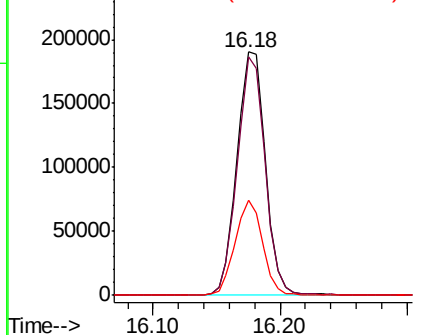


Abundance

Ion 329.80 (329.50 to 330.50): E

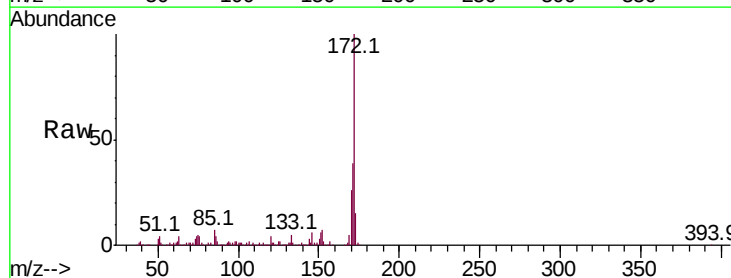
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 98.575 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036391.D
 Acq: 24 Aug 2018 00:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.3	46.9
170	25.8	21.0	31.6

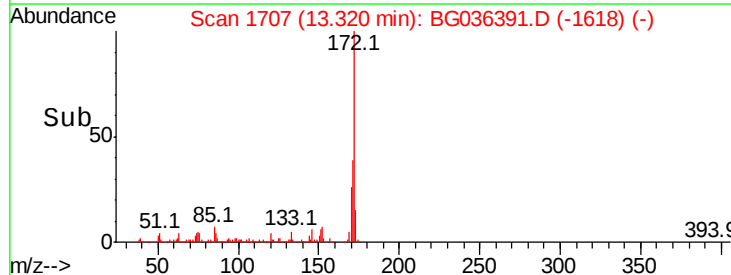
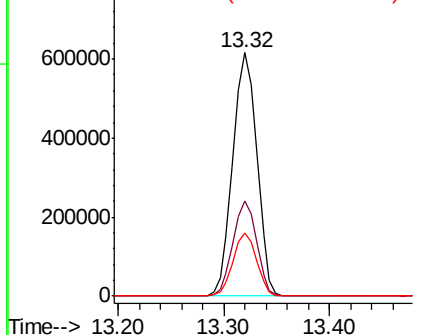


Abundance

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





#49

Dimethylphthalate

Concen: 10.441 ng

RT: 14.14 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BG036391.D

Acq: 24 Aug 2018 00:05

Instrument :

BNA_G

ClientSampleId :

MW-5

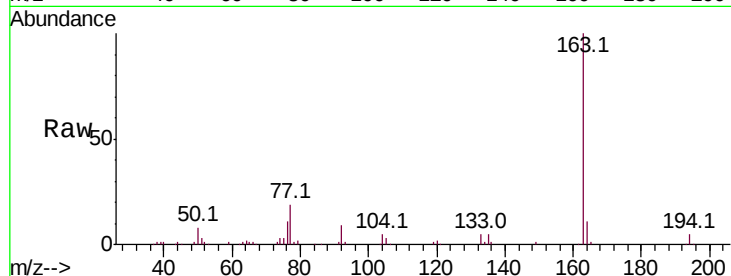
Tot Ion:163 Resp: 119979

Ion Ratio Lower Upper

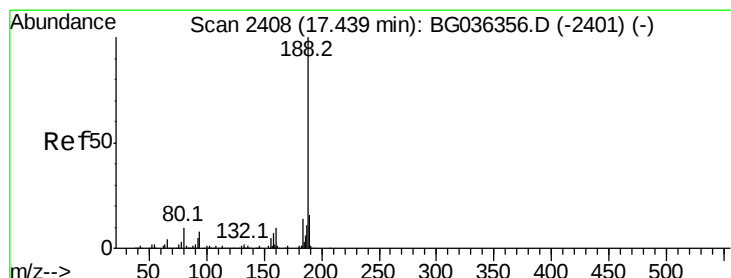
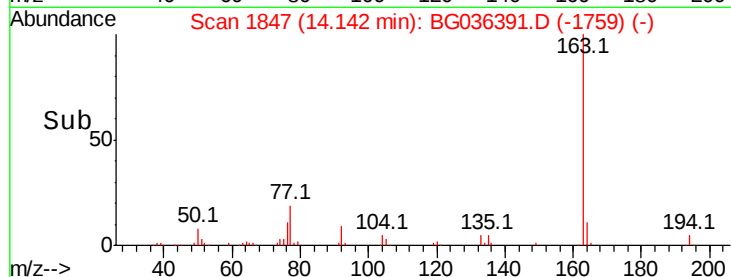
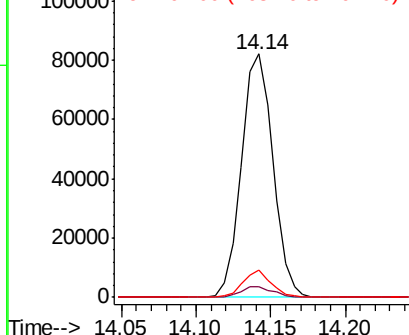
163 100

194 4.6 4.0 6.0

164 11.3 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: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG036391.D

Acq: 24 Aug 2018 00:05

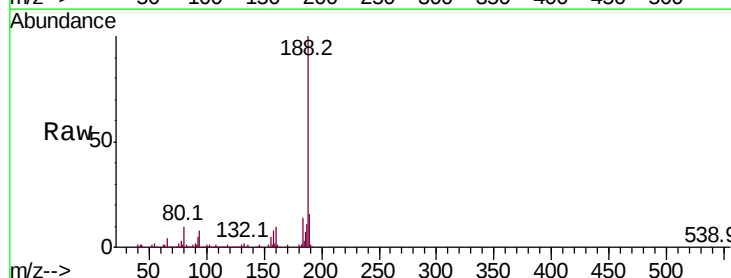
Tgt Ion:188 Resp: 362773

Ion Ratio Lower Upper

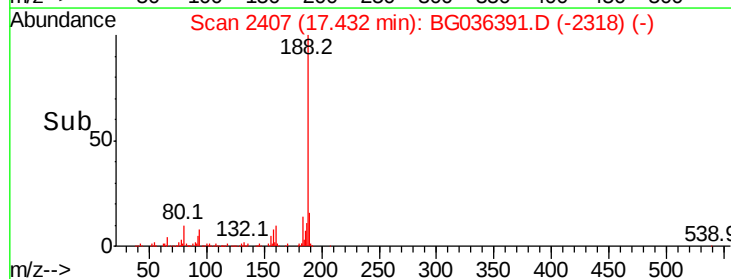
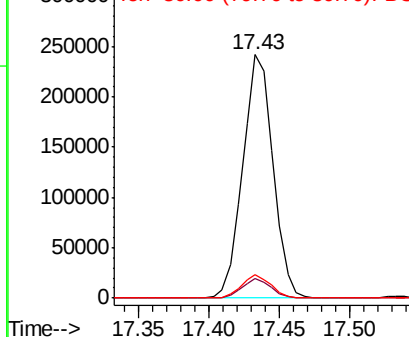
188 100

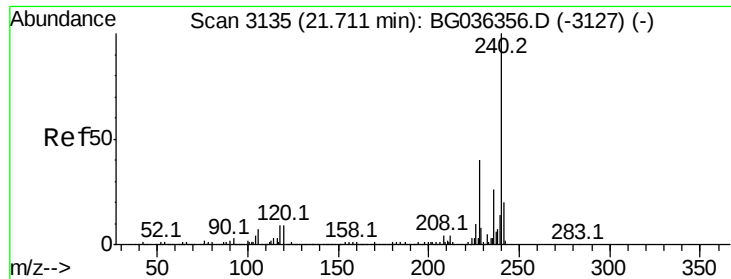
94 8.2 6.7 10.1

80 9.8 8.1 12.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG036391.D

Acq: 24 Aug 2018 00:05

Instrument :

BNA_G

ClientSampleId :

MW-5

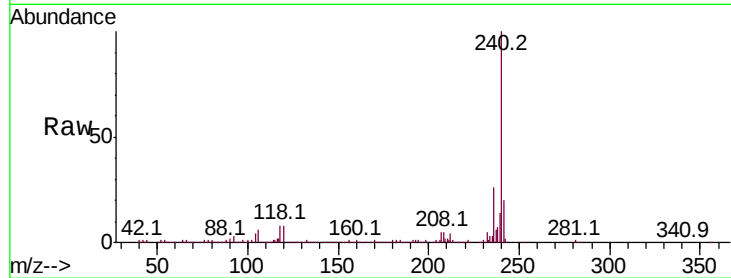
Tot Ion:240 Resp: 375361

Ion Ratio Lower Upper

240 100

120 8.5 6.9 10.3

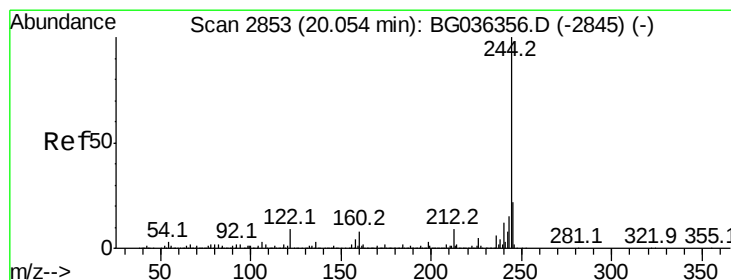
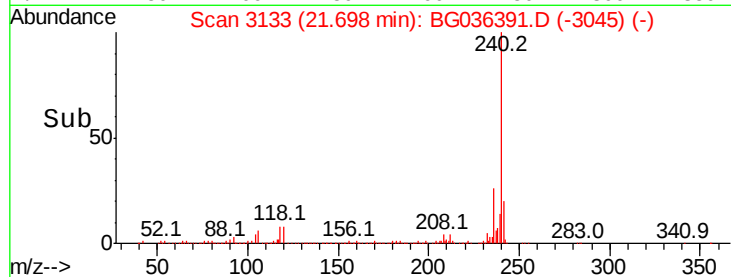
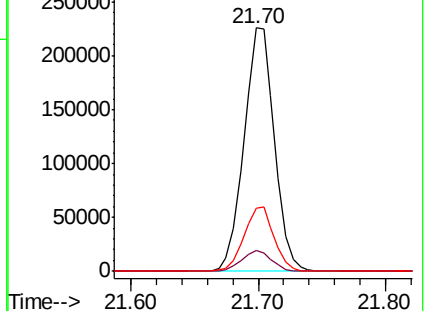
236 25.9 21.2 31.8



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: 100.363 ng

RT: 20.05 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG036391.D

Acq: 24 Aug 2018 00:05

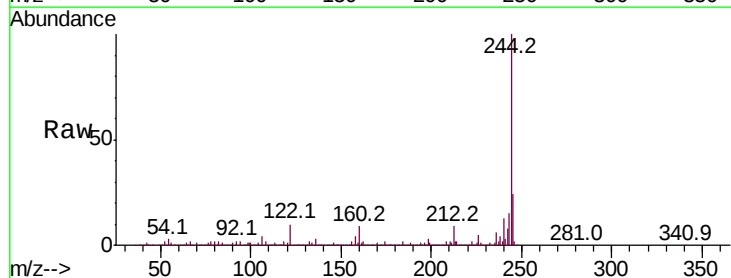
Tgt Ion:244 Resp: 1611757

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

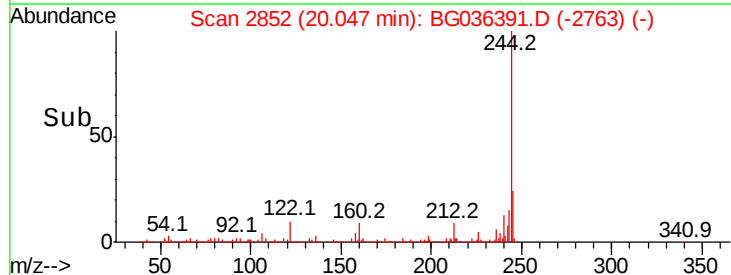
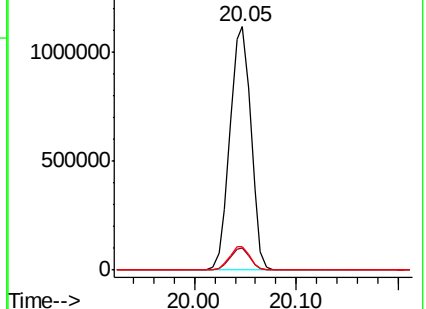
122 9.5 7.1 10.7

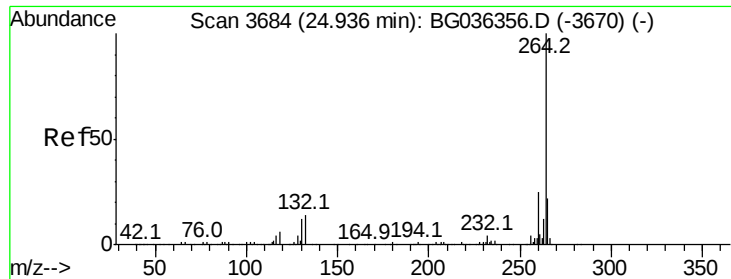


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

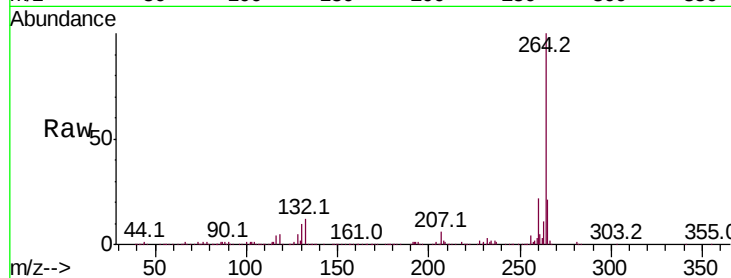




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3681
 Delta R.T. -0.02 min
 Lab File: BG036391.D
 Acq: 24 Aug 2018 00:05

Instrument :
 BNA_G
 ClientSampleId :
 MW-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.6	29.4
265	21.4	17.4	26.0



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

