

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082518\
 Data File : BG036422.D
 Acq On : 25 Aug 2018 11:44
 Operator : JU/SJ
 Sample : J4581-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP1-Q3-C3

Quant Time: Aug 27 03:11:39 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

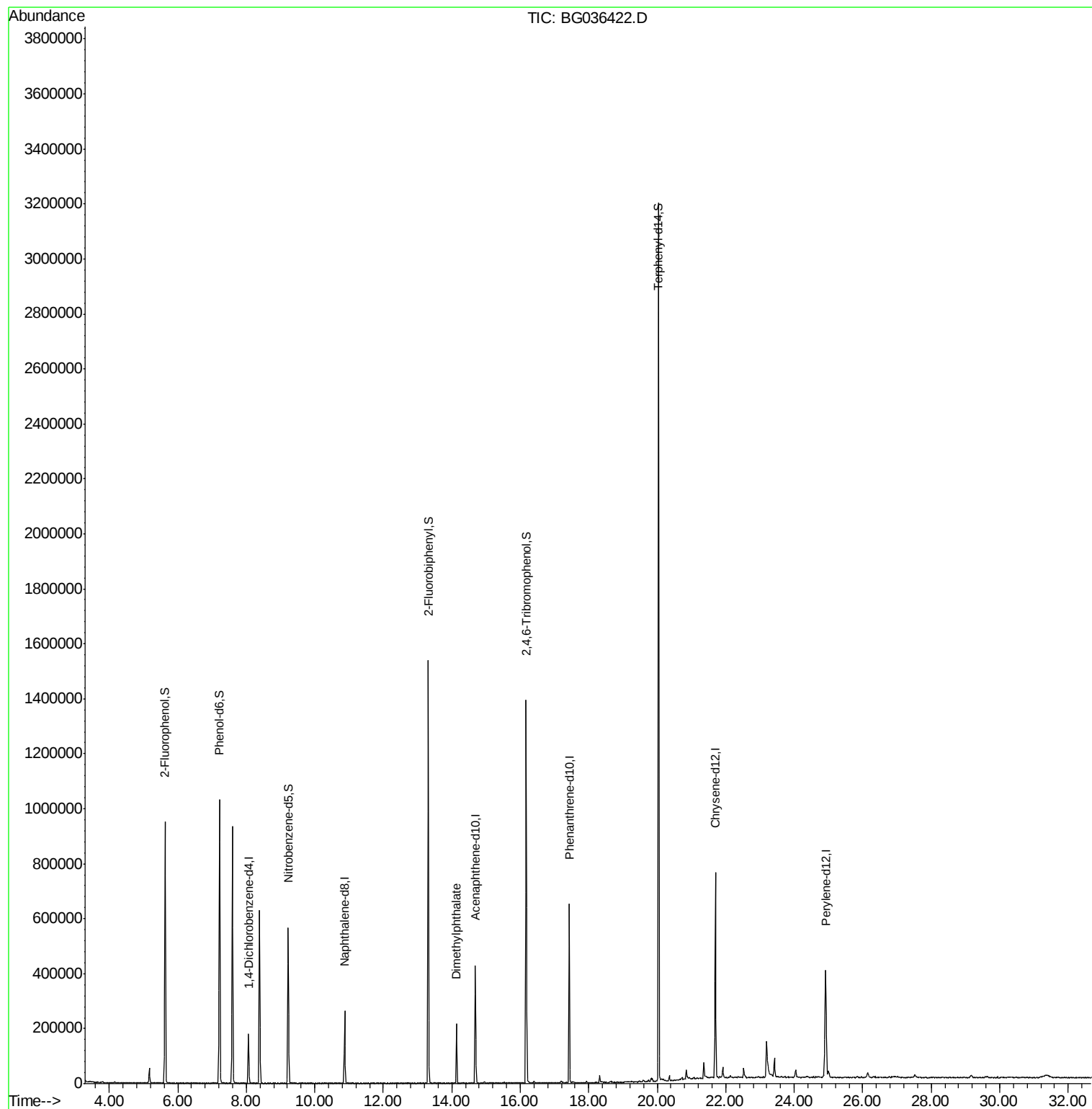
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	52143	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	219986	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	151477	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	400878	20.00	ng	0.00
75) Chrysene-d12	21.70	240	434932	20.00	ng	-0.01
86) Perylene-d12	24.92	264	436767	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	402959	122.59	ng	0.00
7) Phenol-d6	7.22	99	574043	121.97	ng	0.00
23) Nitrobenzene-d5	9.23	82	343012	84.60	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	251219	138.99	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	791818	74.64	ng	0.00
78) Terphenyl-d14	20.04	244	1472069	79.11	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.14	163	147937	11.960	ng	99

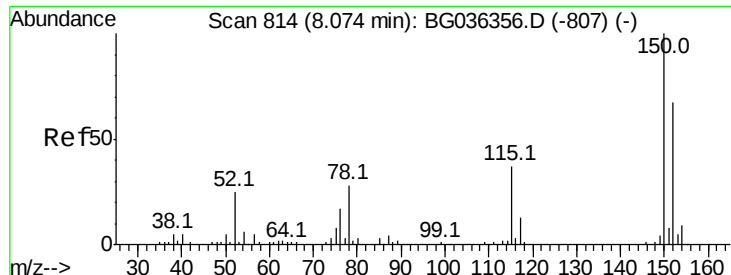
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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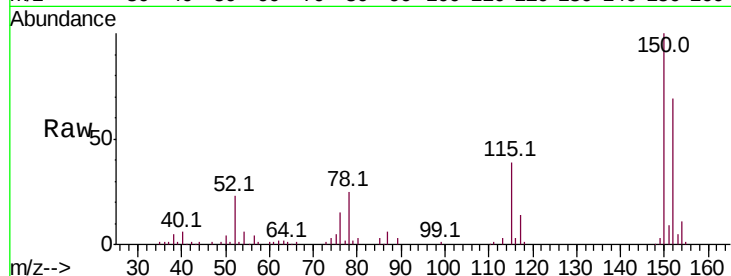


#1

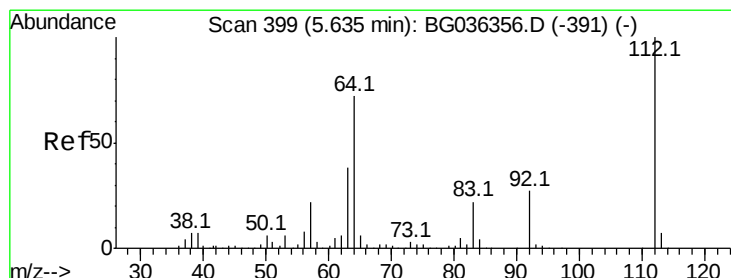
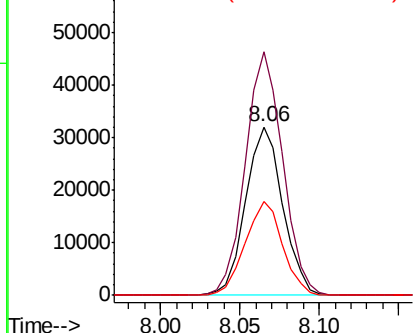
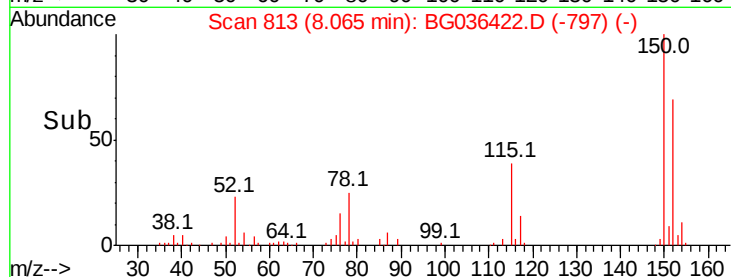
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036422.D
Acq: 25 Aug 2018 11:44

Instrument :
BNA_G
ClientSampleId :
EP1-Q3-C3

Tot Ion:152 Resp: 52143
Ion Ratio Lower Upper
152 100
150 144.4 119.5 179.3
115 56.0 44.5 66.7



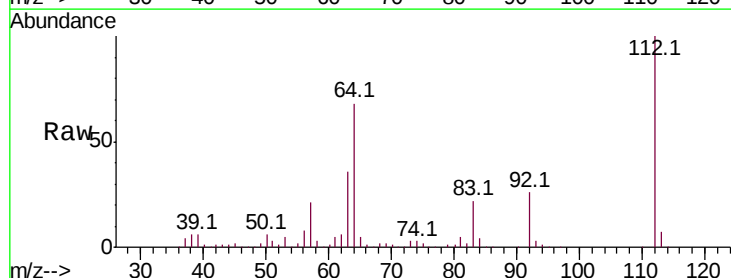
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



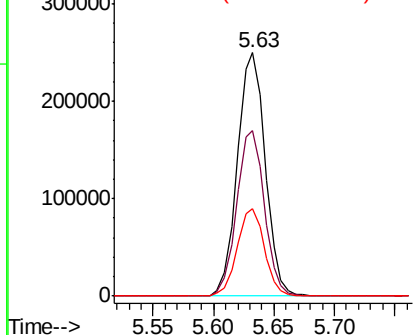
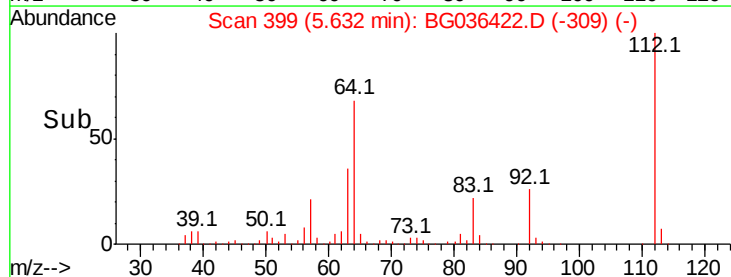
#5

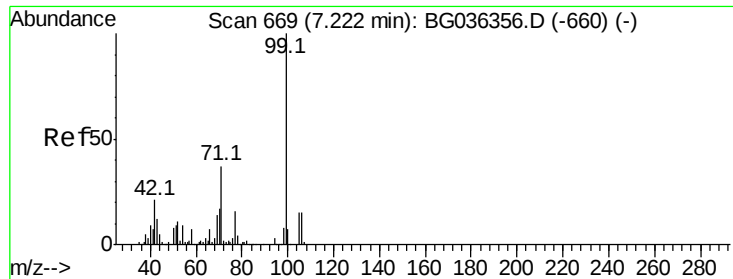
2-Fluorophenol
Concen: 122.588 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036422.D
Acq: 25 Aug 2018 11:44

Tgt Ion:112 Resp: 402959
Ion Ratio Lower Upper
112 100
64 68.2 57.2 85.8
63 35.8 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: 121.973 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036422.D

Acq: 25 Aug 2018 11:44

Instrument :

BNA_G

ClientSampleId :

EP1-Q3-C3

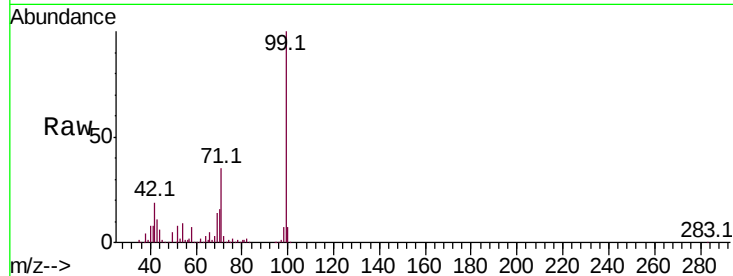
Tot Ion: 99 Resp: 574043

Ion Ratio Lower Upper

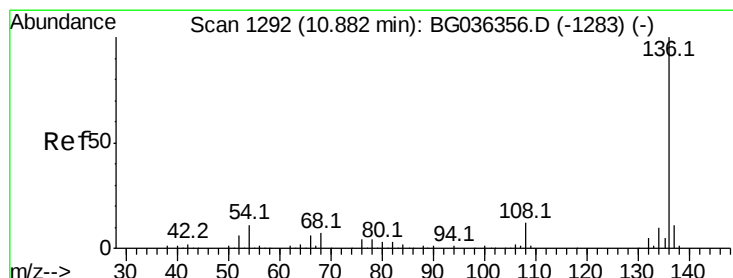
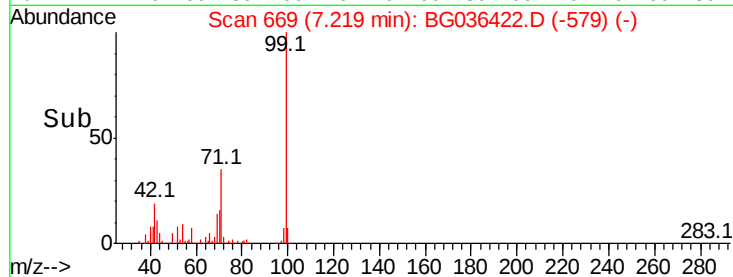
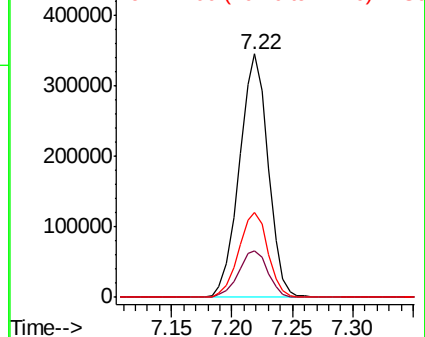
99 100

42 19.2 16.5 24.7

71 35.0 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: 10.87 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG036422.D

Acq: 25 Aug 2018 11:44

Tgt Ion: 136 Resp: 219986

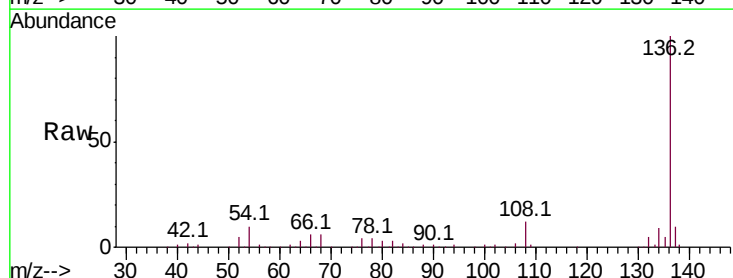
Ion Ratio Lower Upper

136 100

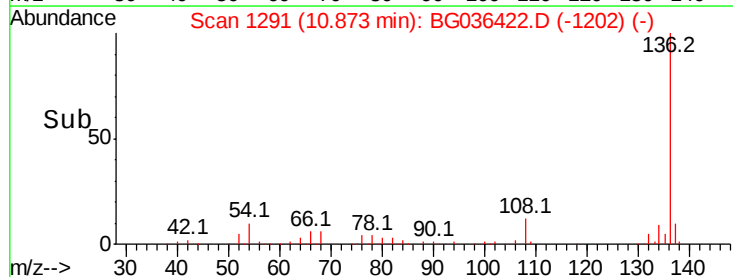
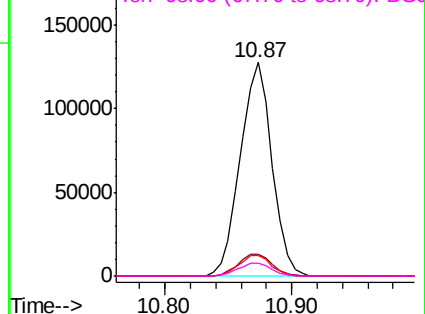
137 10.0 8.8 13.2

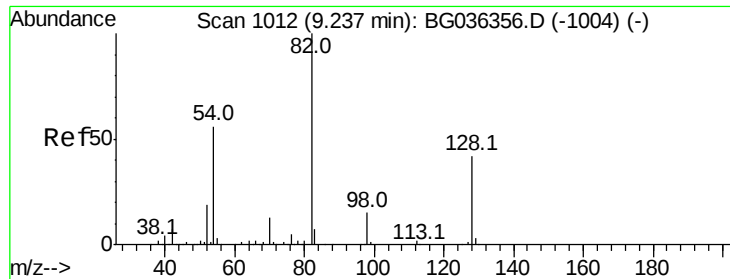
54 9.7 9.2 13.8

68 5.7 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

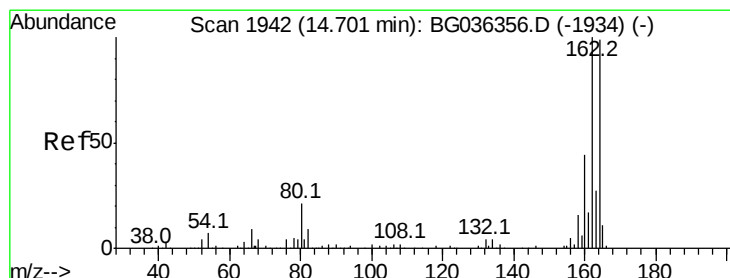
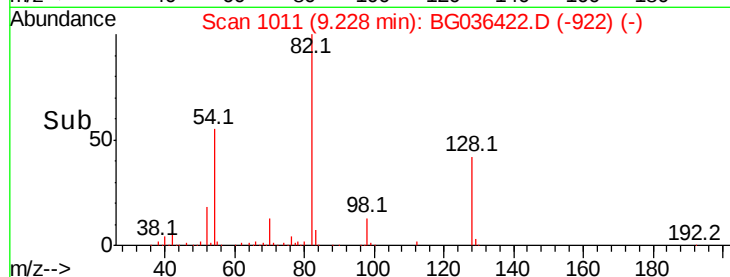
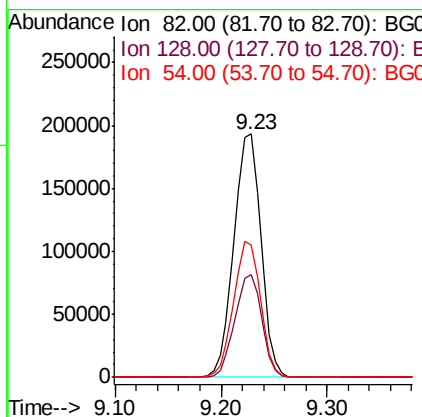
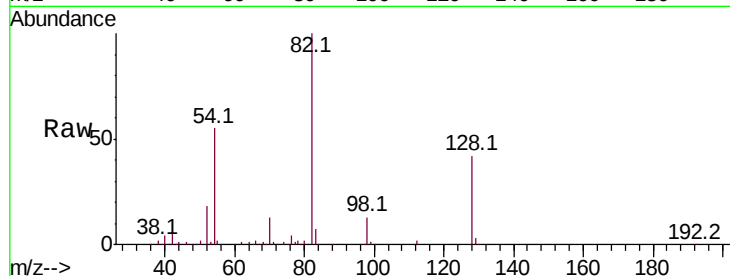




#23
 Nitrobenzene-d5
 Concen: 84.599 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG036422.D
 Acq: 25 Aug 2018 11:44

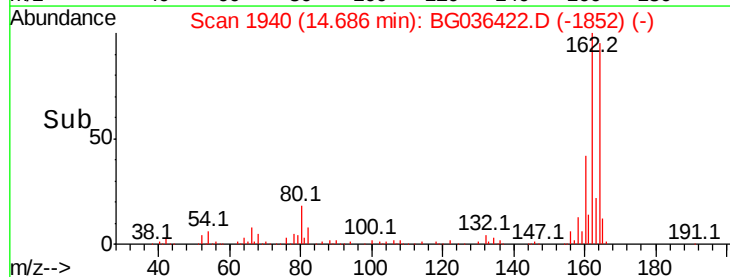
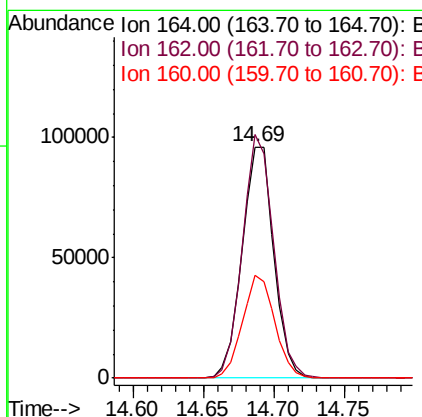
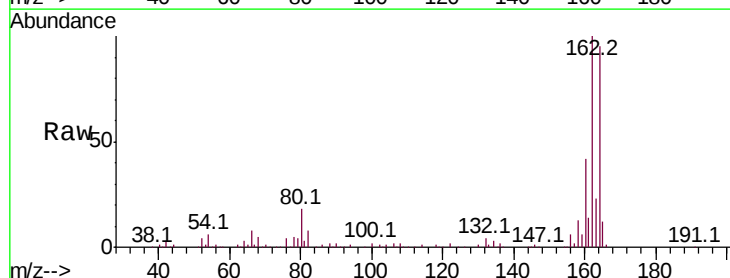
Instrument :
 BNA_G
 ClientSampleId :
 EP1-Q3-C3

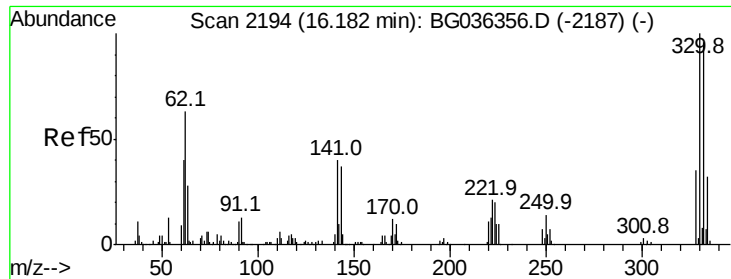
Tot Ion	82	Resp	343012
Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.3	49.9
54	54.5	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG036422.D
 Acq: 25 Aug 2018 11:44

Tgt Ion	164	Resp	151477
Ion	Ratio	Lower	Upper
164	100		
162	105.5	80.7	121.1
160	44.3	35.3	52.9

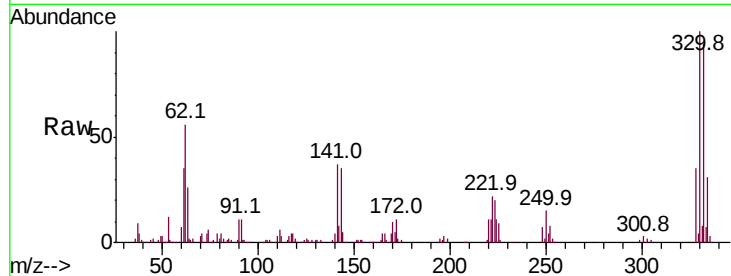




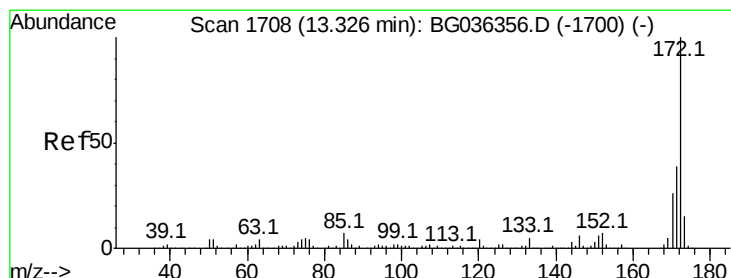
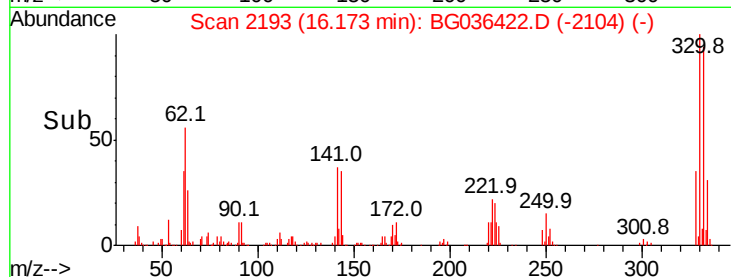
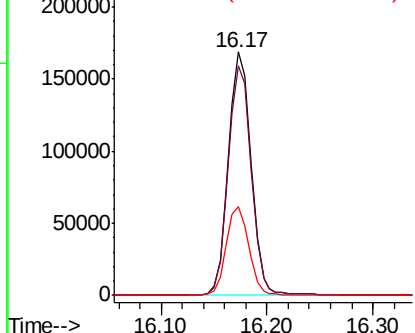
#41
 2,4,6-Tribromophenol
 Concen: 138.990 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036422.D
 Acq: 25 Aug 2018 11:44

Instrument :
 BNA_G
 ClientSampleId :
 EP1-Q3-C3

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.4	113.2
141	36.2	30.7	46.1

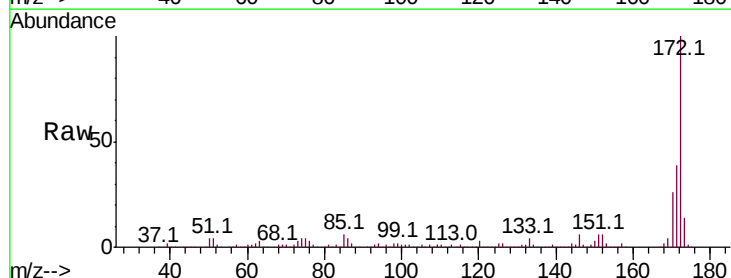


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

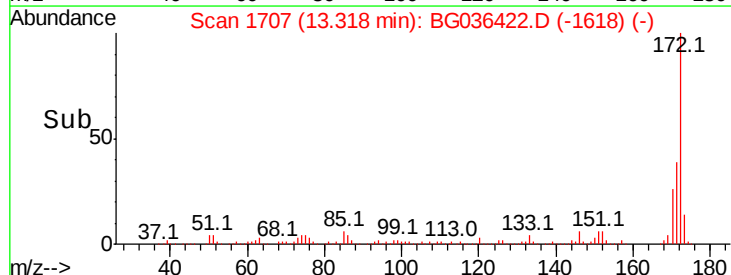
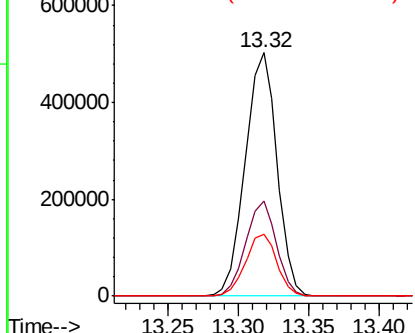


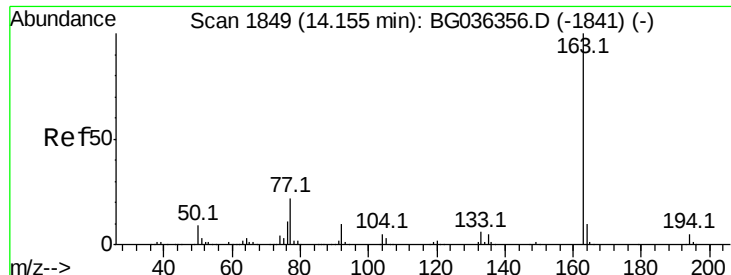
#44
 2-Fluorobiphenyl
 Concen: 74.637 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036422.D
 Acq: 25 Aug 2018 11:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.3	46.9
170	25.5	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: 11.960 ng

RT: 14.14 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BG036422.D

Acq: 25 Aug 2018 11:44

Instrument :

BNA_G

ClientSampled :

EP1-Q3-C3

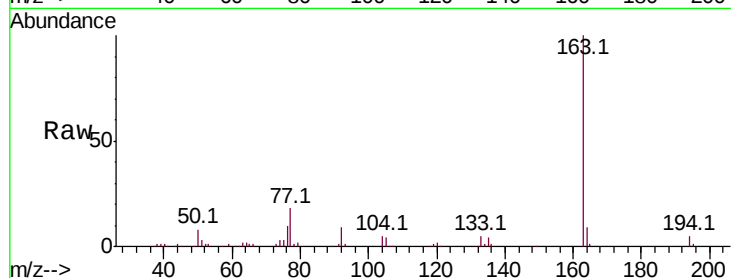
Tot Ion:163 Resp: 147937

Ion Ratio Lower Upper

163 100

194 4.9 4.0 6.0

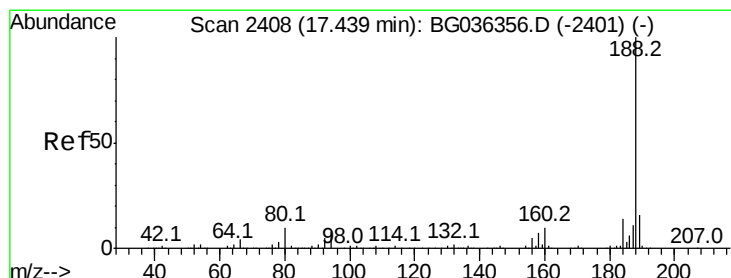
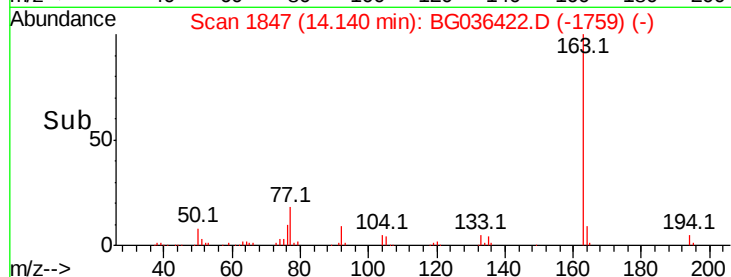
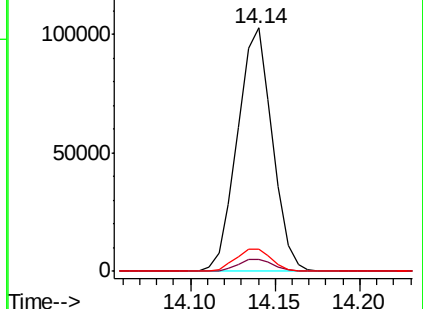
164 9.3 8.1 12.1



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: BG036422.D

Acq: 25 Aug 2018 11:44

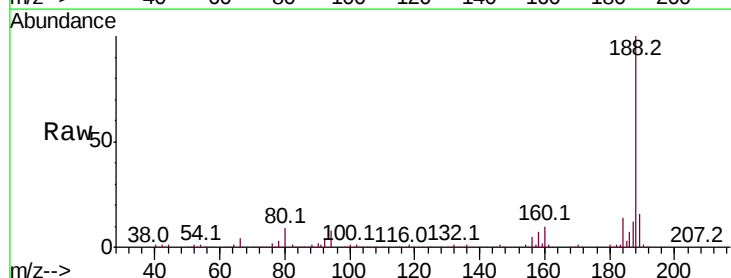
Tgt Ion:188 Resp: 400878

Ion Ratio Lower Upper

188 100

94 8.4 6.7 10.1

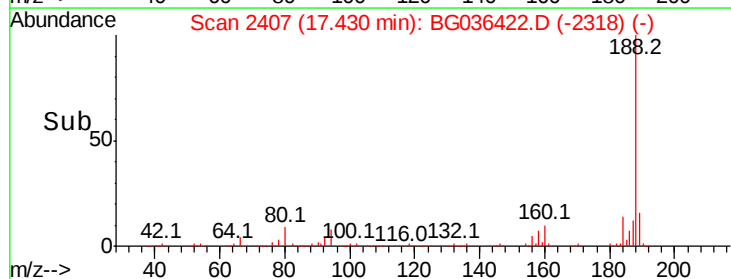
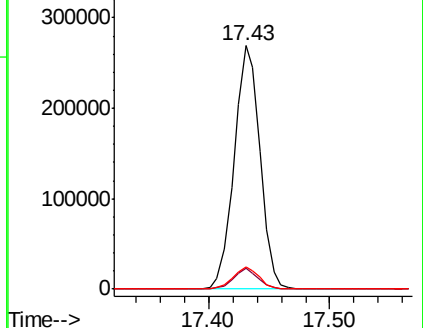
80 9.1 8.1 12.1

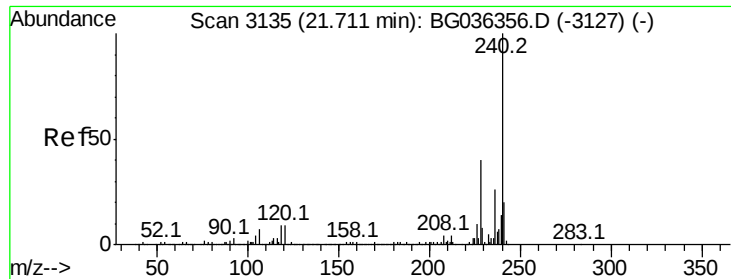


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG036422.D

Acq: 25 Aug 2018 11:44

Instrument :

BNA_G

ClientSampleId :

EP1-Q3-C3

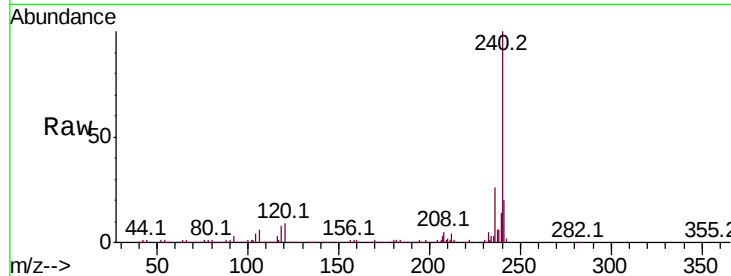
Tot Ion:240 Resp: 434932

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

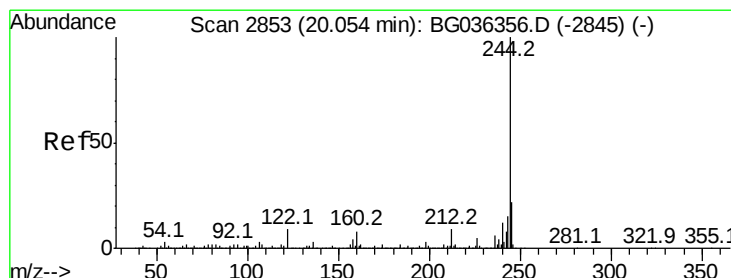
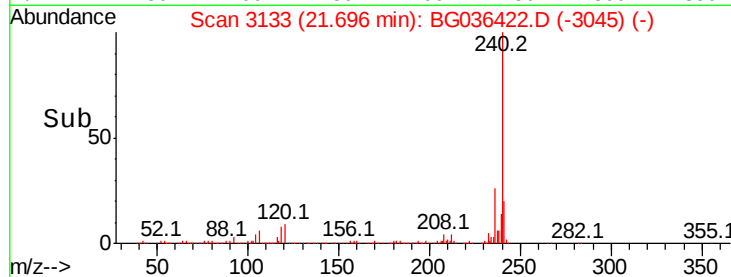
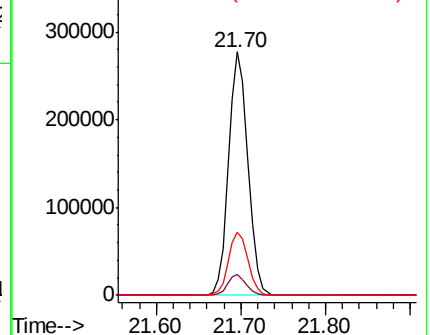
236 26.2 21.2 31.8



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: 79.110 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036422.D

Acq: 25 Aug 2018 11:44

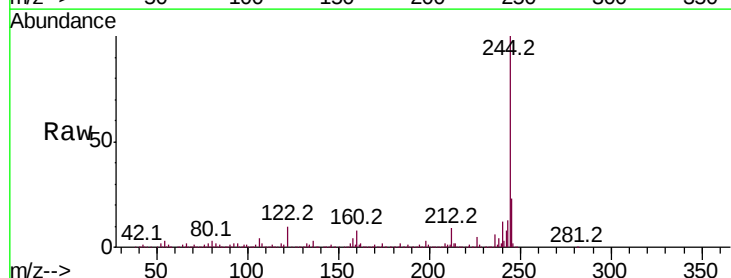
Tgt Ion:244 Resp: 1472069

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

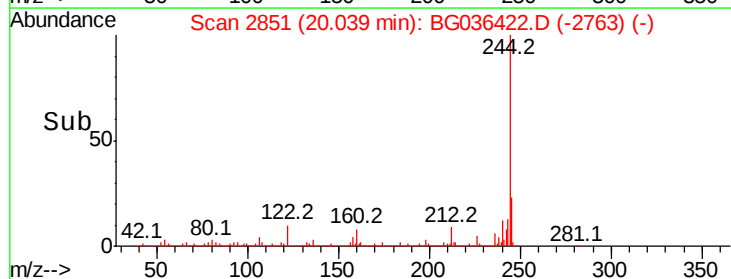
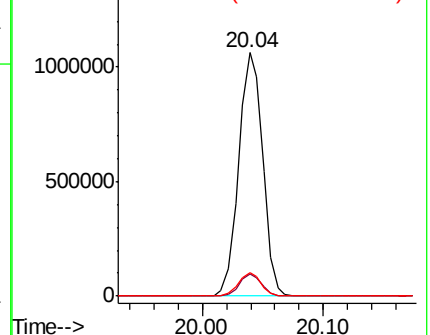
122 9.6 7.1 10.7

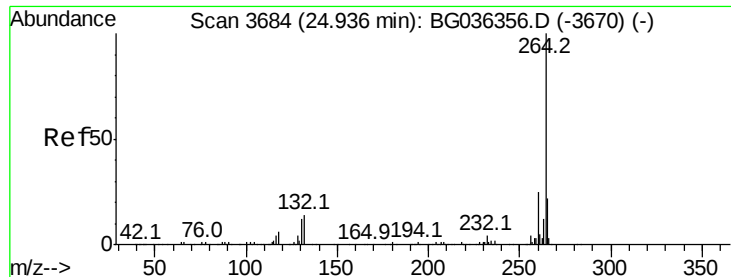


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

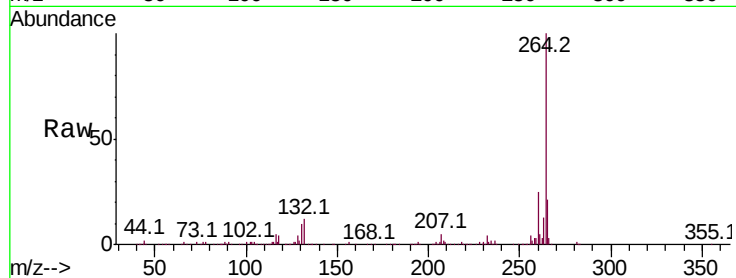




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.02 min
Lab File: BG036422.D
Acq: 25 Aug 2018 11:44

Instrument :
BNA_G
ClientSampleId :
EP1-Q3-C3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	20.9	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

