

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036642.D
 Acq On : 11 Sep 2018 2:09
 Operator : JU/SJ
 Sample : J4830-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 090618-DBRI-E-D-M

Quant Time: Sep 11 03:43:02 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

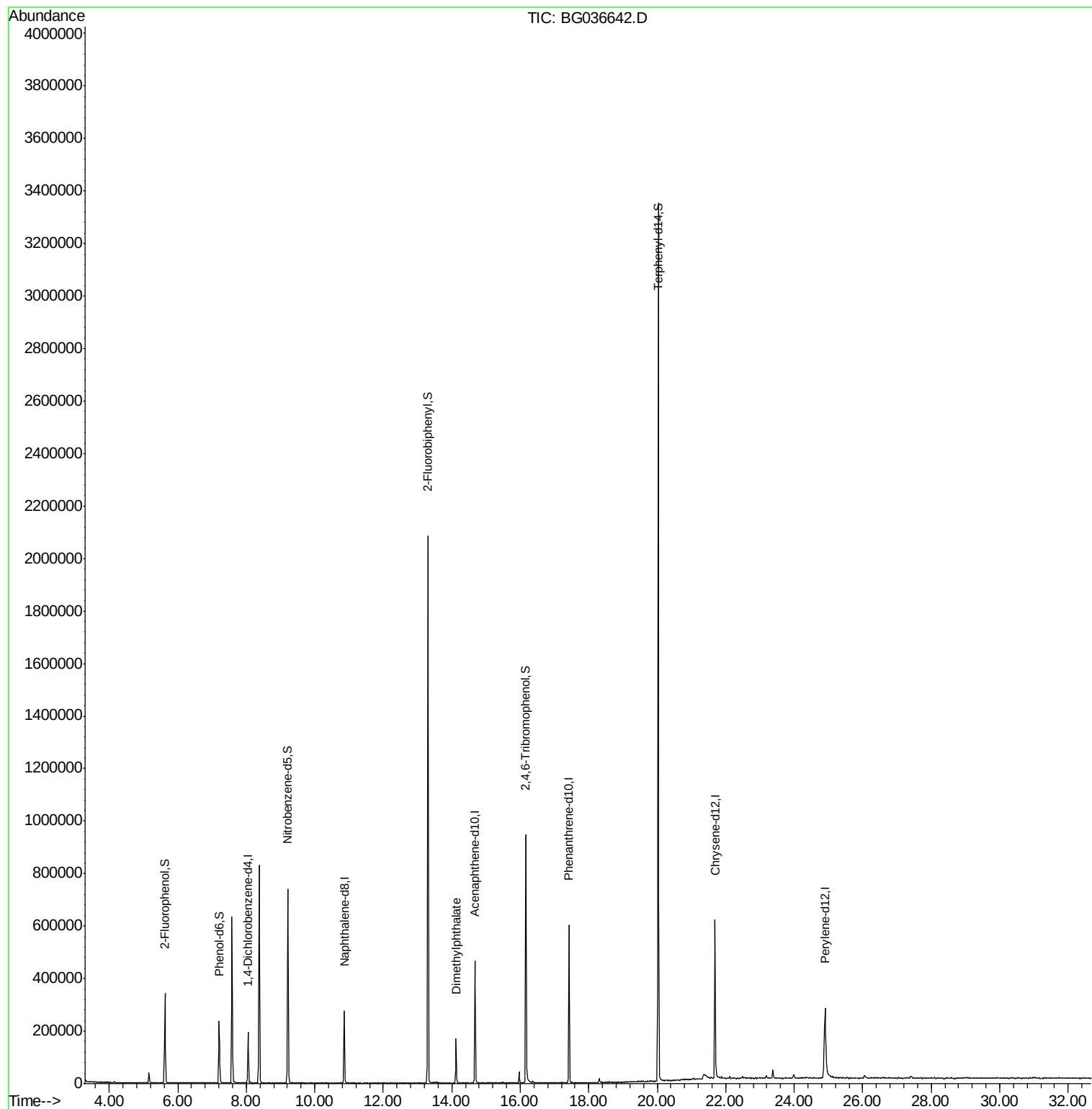
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55440	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	239289	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	158903	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	399831	20.00	ng	0.00
75) Chrysene-d12	21.68	240	404216	20.00	ng	-0.01
86) Perylene-d12	24.90	264	375765	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	149492	42.77	ng	0.00
7) Phenol-d6	7.21	99	136481	27.28	ng	-0.01
23) Nitrobenzene-d5	9.22	82	445477	101.01	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	185857	98.02	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1066611	95.84	ng	0.00
78) Terphenyl-d14	20.03	244	1642162	94.96	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	117159	9.029	ng	Qvalue 99

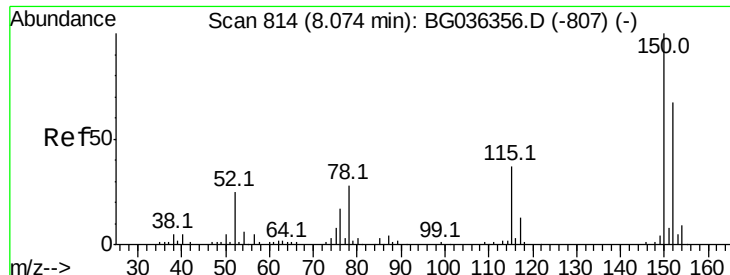
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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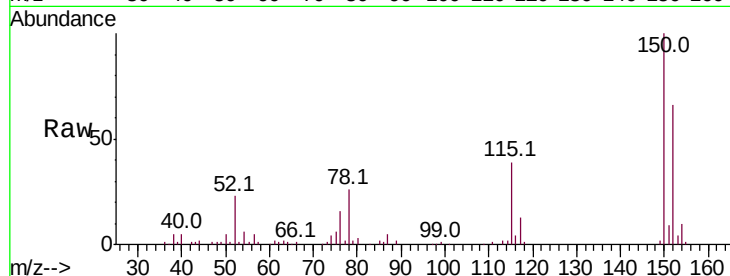


#1

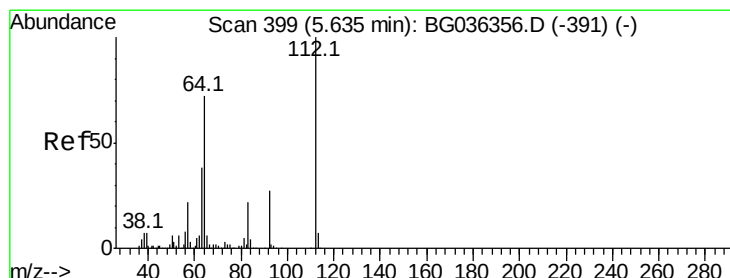
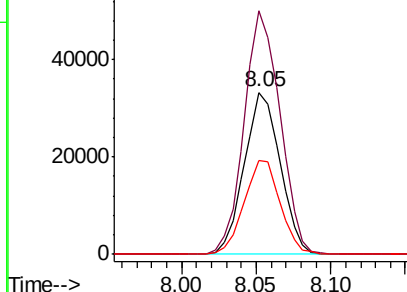
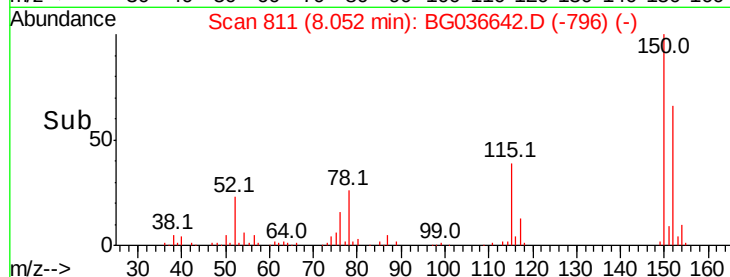
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036642.D
 Acq: 11 Sep 2018 2:09

Instrument :
 BNA_G
 ClientSampleId :
 090618-DBRI-E-D-M

Tot Ion:152 Resp: 55440
 Ion Ratio Lower Upper
 152 100
 150 150.5 119.5 179.3
 115 58.0 44.5 66.7



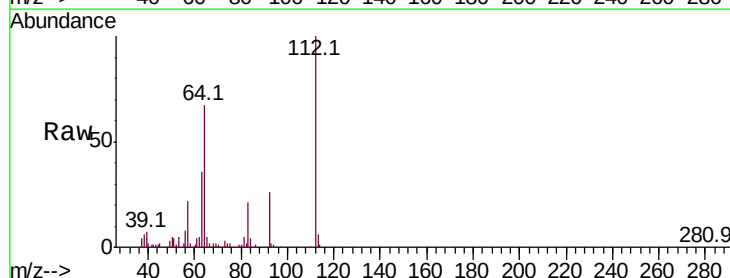
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



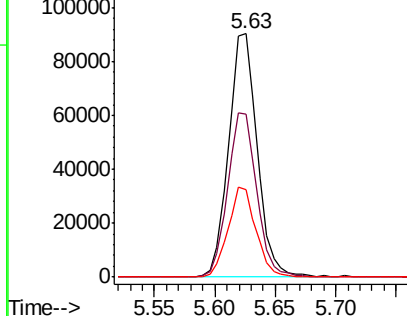
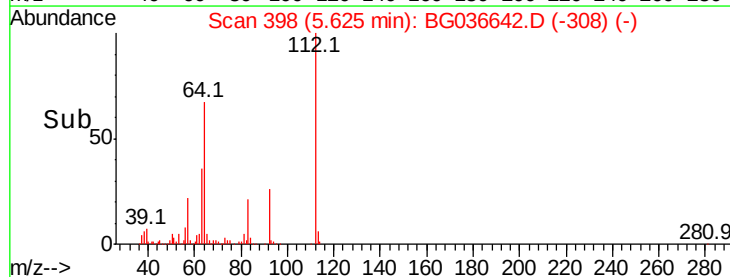
#5

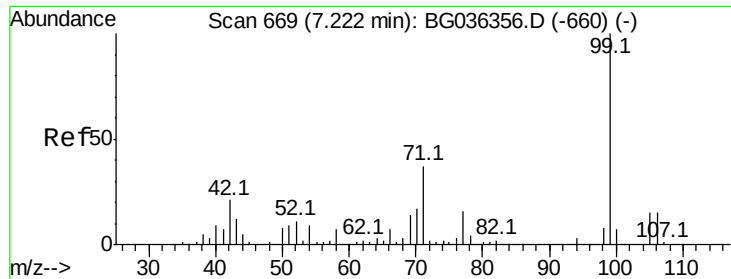
2-Fluorophenol
 Concen: 42.774 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036642.D
 Acq: 11 Sep 2018 2:09

Tgt Ion:112 Resp: 149492
 Ion Ratio Lower Upper
 112 100
 64 66.8 57.2 85.8
 63 36.0 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: 27.275 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036642.D

Acq: 11 Sep 2018 2:09

Instrument :

BNA_G

ClientSampleId :

090618-DBRI-E-D-M

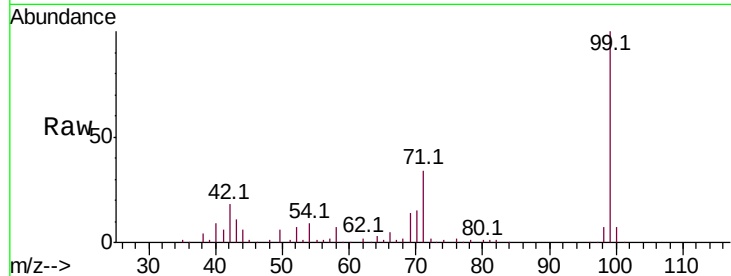
Tot Ion: 99 Resp: 136481

Ion Ratio Lower Upper

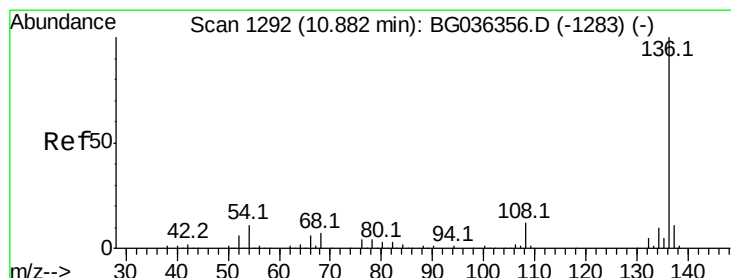
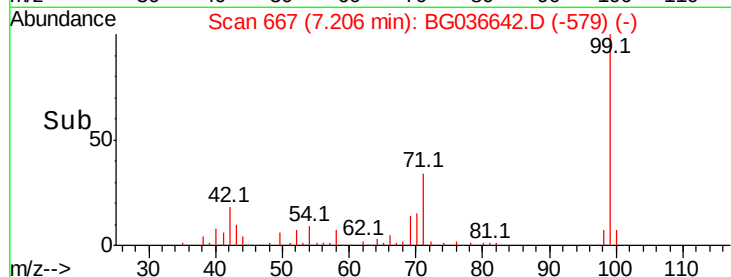
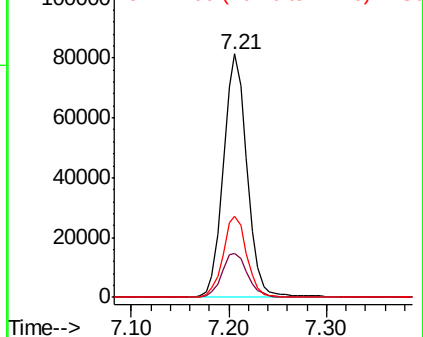
99 100

42 18.0 16.5 24.7

71 33.5 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: 10.86 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BG036642.D

Acq: 11 Sep 2018 2:09

Tgt Ion: 136 Resp: 239289

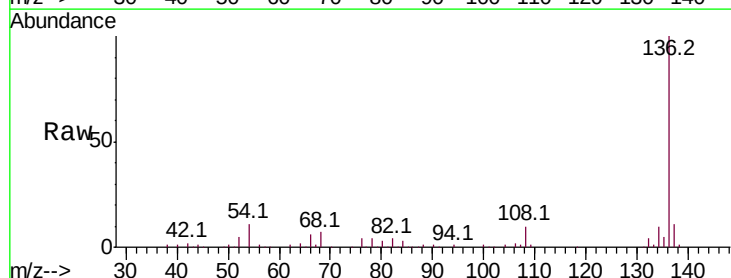
Ion Ratio Lower Upper

136 100

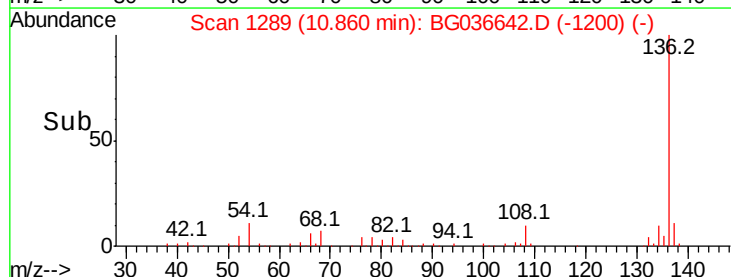
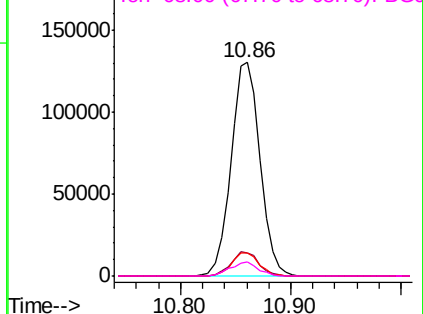
137 10.8 8.8 13.2

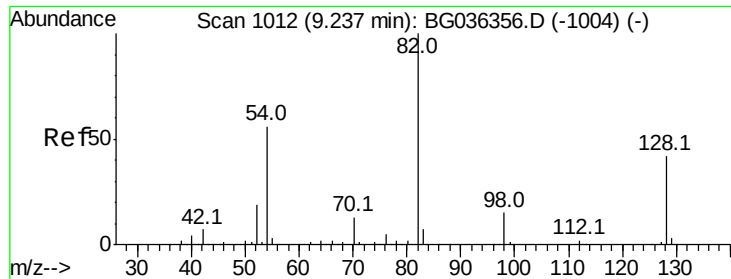
54 10.7 9.2 13.8

68 6.8 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

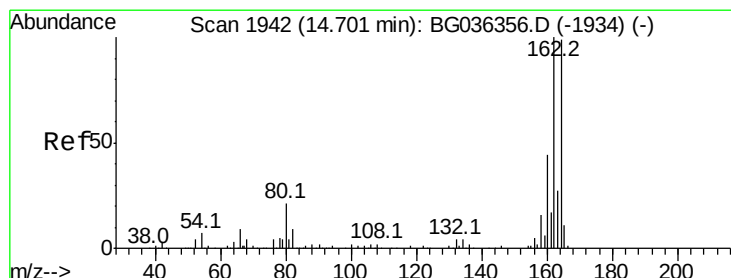
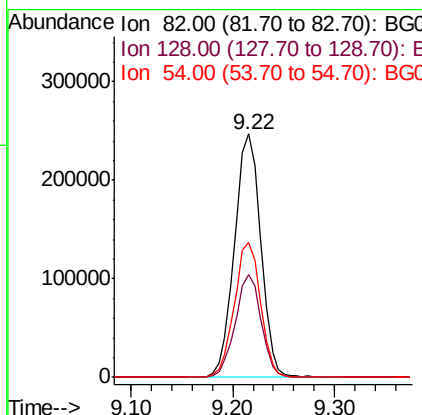
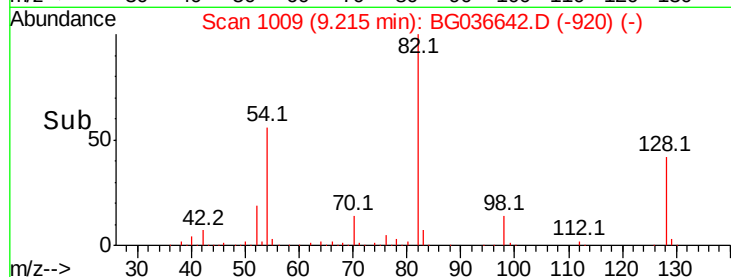
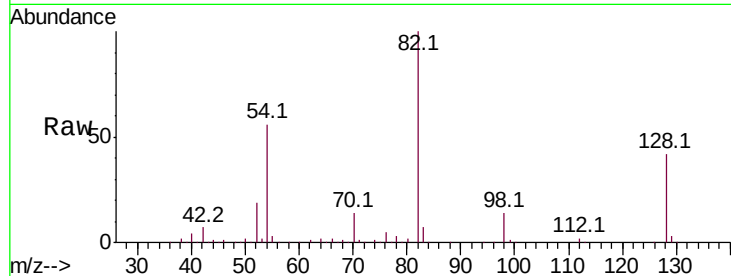




#23
 Nitrobenzene-d5
 Concen: 101.008 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG036642.D
 Acq: 11 Sep 2018 2:09

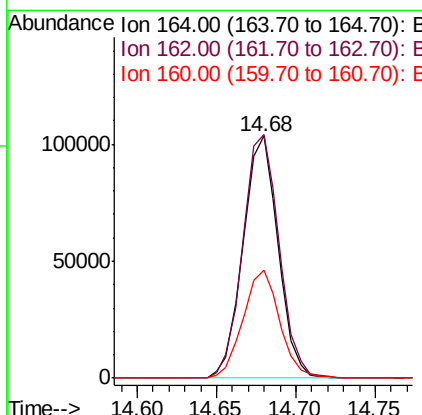
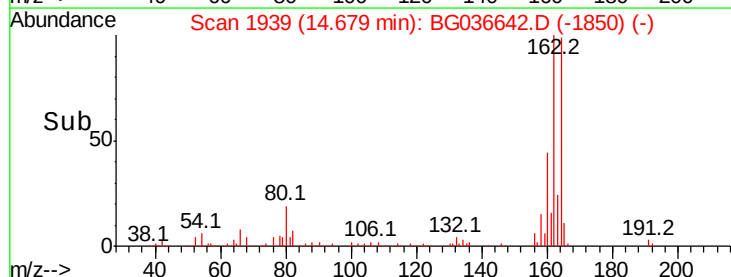
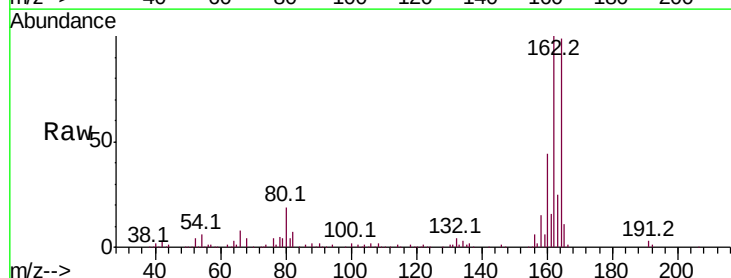
Instrument :
 BNA_G
 ClientSampleId :
 090618-DBRI-E-D-M

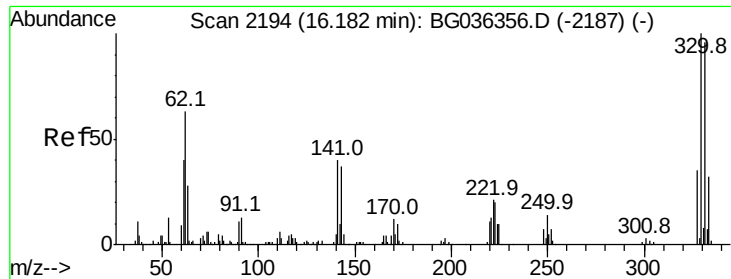
Tot Ion:	82	Resp:	445477
Ion Ratio	Lower	Upper	
82	100		
128	42.3	33.3	49.9
54	55.5	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BG036642.D
 Acq: 11 Sep 2018 2:09

Tgt Ion:	164	Resp:	158903
Ion Ratio	Lower	Upper	
164	100		
162	100.7	80.7	121.1
160	44.7	35.3	52.9

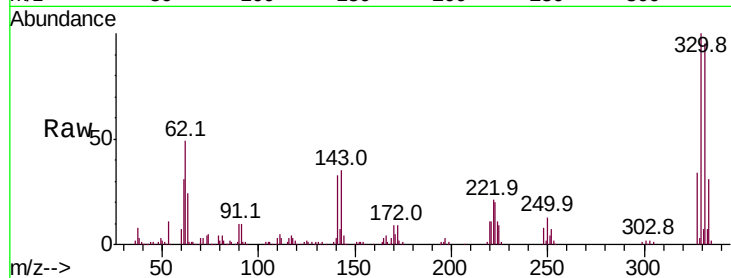




#41
 2,4,6-Tribromophenol
 Concen: 98.022 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036642.D
 Acq: 11 Sep 2018 2:09

Instrument :
 BNA_G
 ClientSampleId :
 090618-DBRI-E-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.4	113.2
141	35.3	30.7	46.1

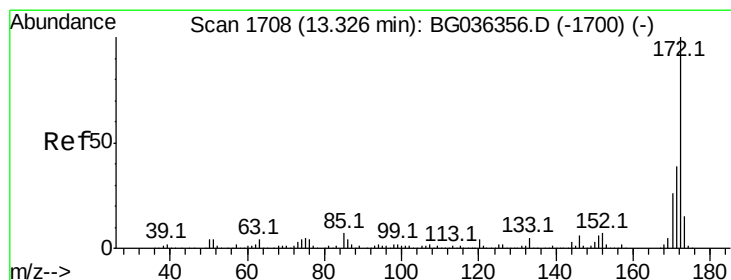
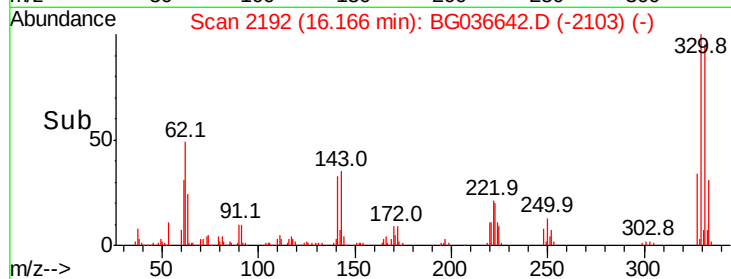
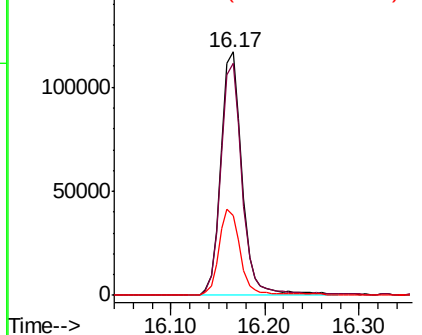


Abundance

Ion 329.80 (329.50 to 330.50): E

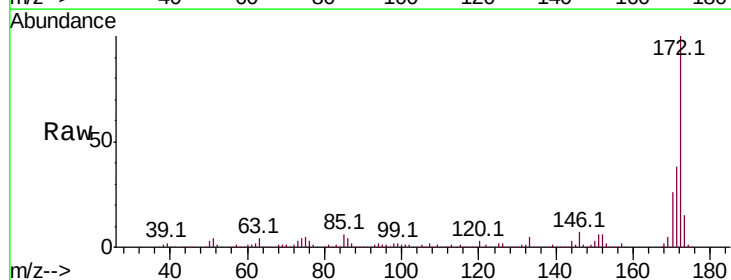
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.840 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036642.D
 Acq: 11 Sep 2018 2:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	25.7	21.0	31.6

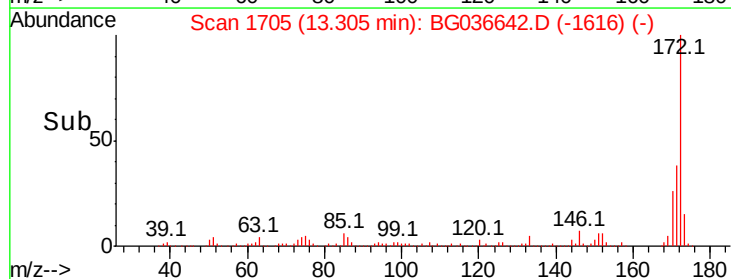
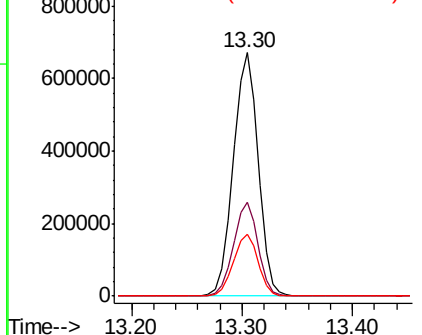


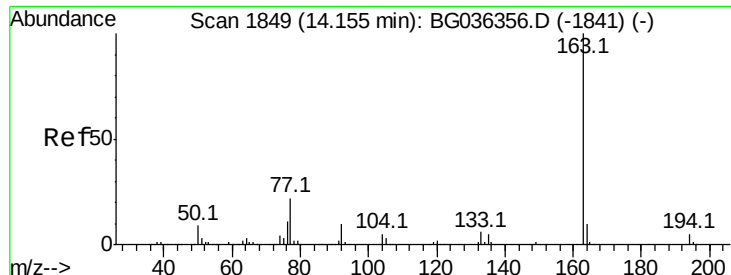
Abundance

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: 9.029 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BG036642.D

Acq: 11 Sep 2018 2:09

Instrument:

BNA_G

ClientSampleID:

090618-DBRI-E-D-M

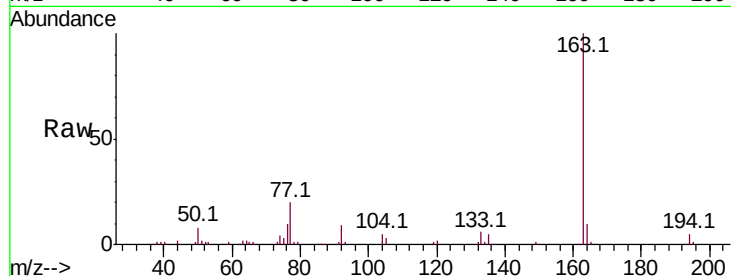
Tot Ion:163 Resp: 117159

Ion Ratio Lower Upper

163 100

194 4.8 4.0 6.0

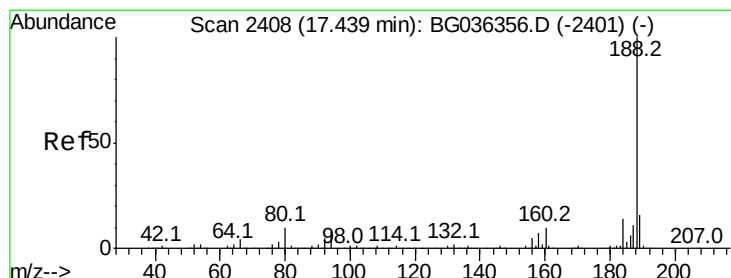
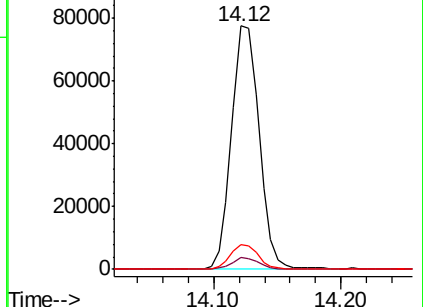
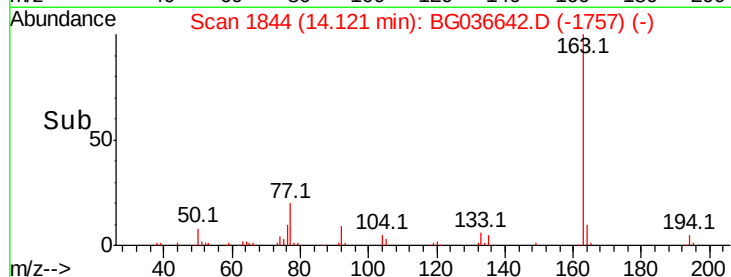
164 9.9 8.1 12.1



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# 2406

Delta R.T. -0.01 min

Lab File: BG036642.D

Acq: 11 Sep 2018 2:09

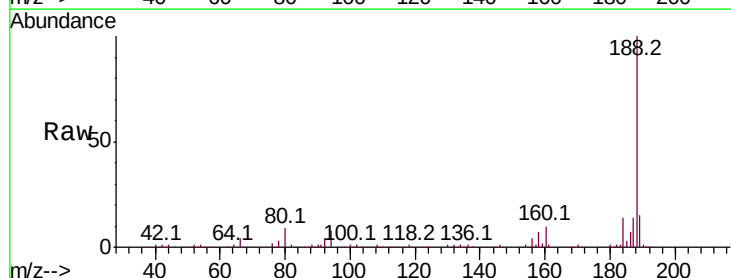
Tgt Ion:188 Resp: 399831

Ion Ratio Lower Upper

188 100

94 7.7 6.7 10.1

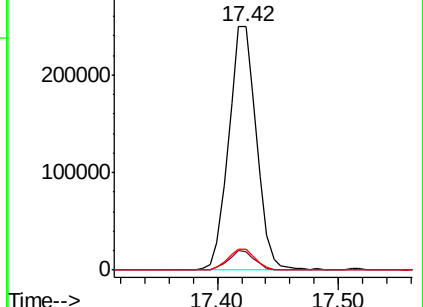
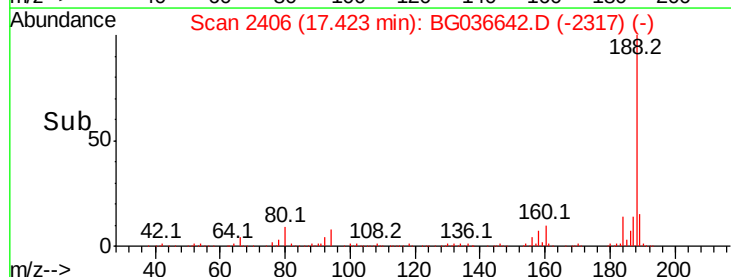
80 8.6 8.1 12.1

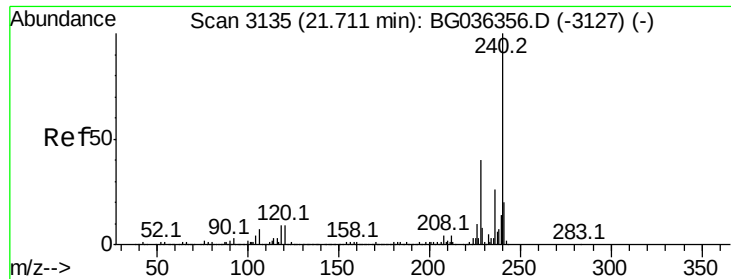


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG036642.D

Acq: 11 Sep 2018 2:09

Instrument :

BNA_G

ClientSampleId :

090618-DBRI-E-D-M

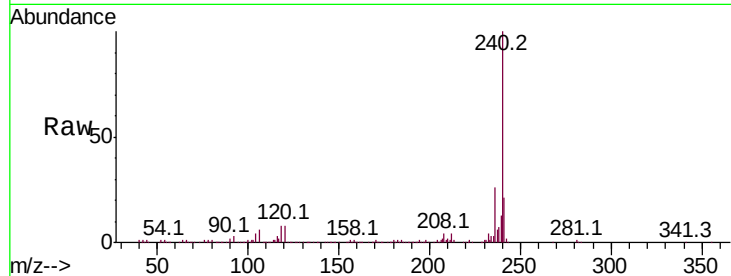
Tot Ion:240 Resp: 404216

Ion Ratio Lower Upper

240 100

120 7.8 6.9 10.3

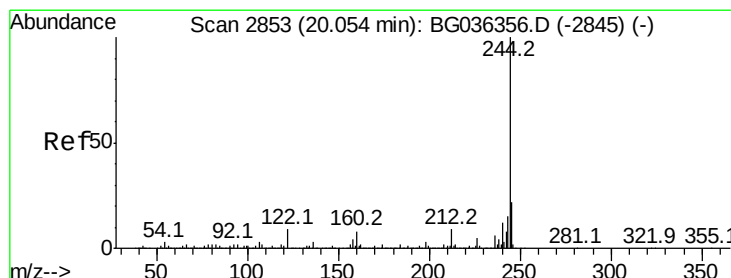
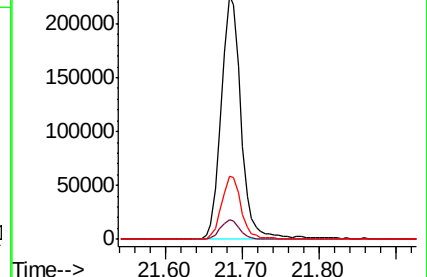
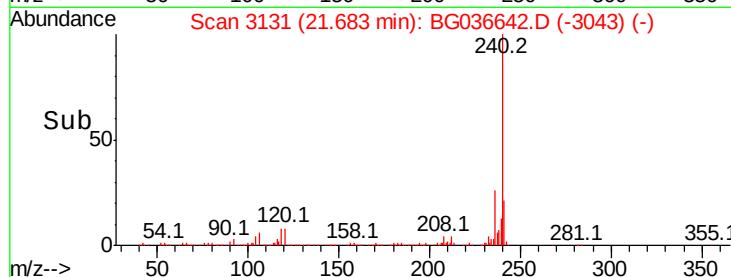
236 25.9 21.2 31.8



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: 94.957 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036642.D

Acq: 11 Sep 2018 2:09

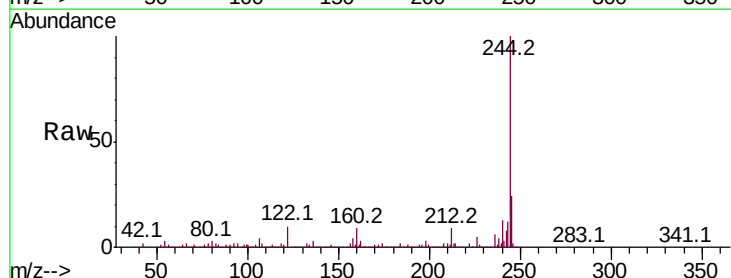
Tgt Ion:244 Resp: 1642162

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

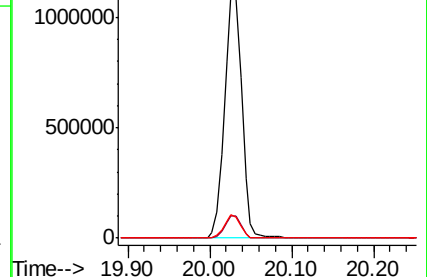
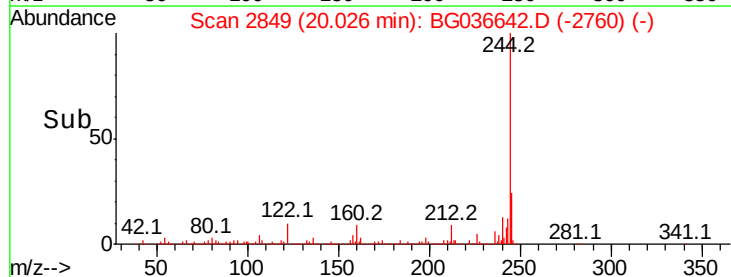
122 9.6 7.1 10.7

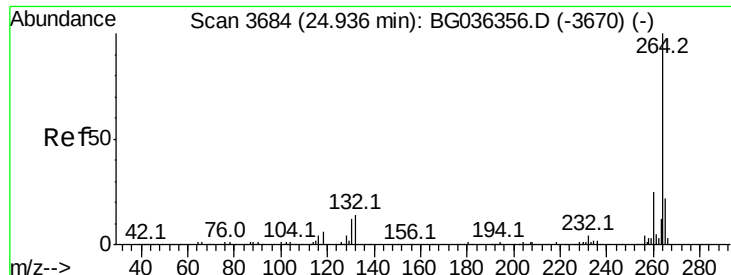


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

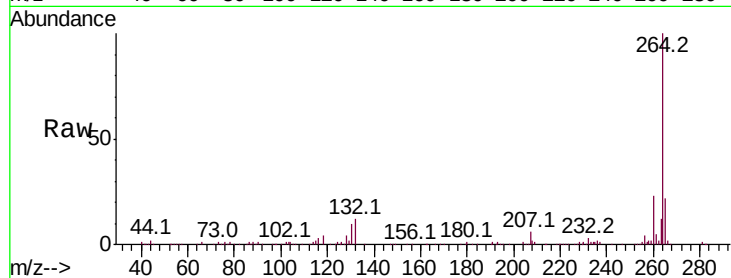




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.01 min
Lab File: BG036642.D
Acq: 11 Sep 2018 2:09

Instrument :
BNA_G
ClientSampleId :
090618-DBRI-E-D-M

Tot Ion:	264	Resp:	375765
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.6	29.4
265	22.2	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

