

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082318\
 Data File : BG036370.D
 Acq On : 23 Aug 2018 8:57
 Operator : JU/SJ
 Sample : J4540-05
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 081618-DBRI-E-D-B

Quant Time: Aug 23 12:46:51 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

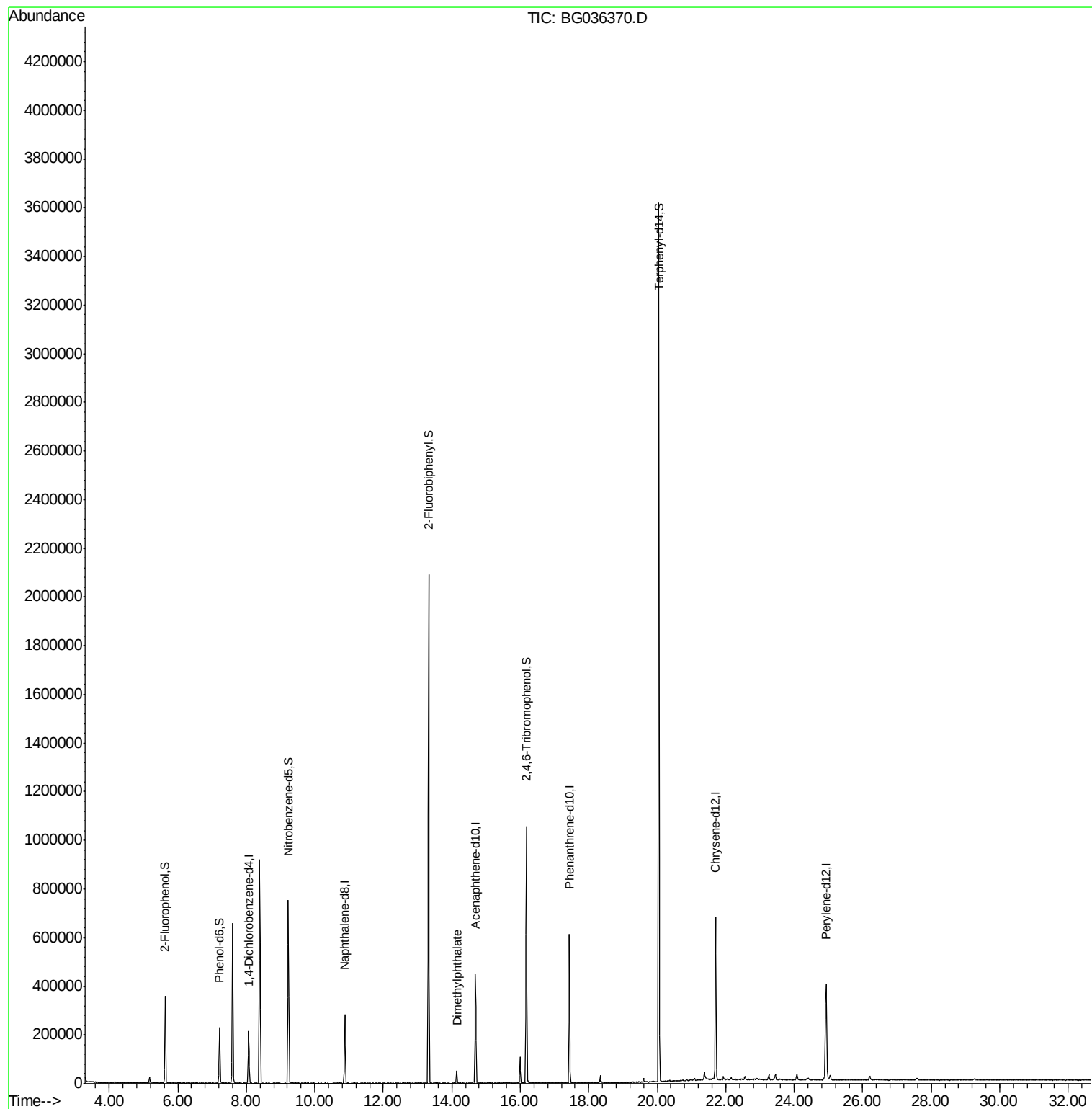
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	58010	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	235940	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	151461	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	373983	20.00	ng	0.00
75) Chrysene-d12	21.71	240	423074	20.00	ng	0.00
86) Perylene-d12	24.93	264	428251	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	149152	40.79	ng	0.00
7) Phenol-d6	7.22	99	127899	24.43	ng	0.00
23) Nitrobenzene-d5	9.23	82	456348	104.94	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	182831	101.16	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1049635	98.95	ng	0.00
78) Terphenyl-d14	20.05	244	1646289	90.95	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.15	163	35479	2.869	ng	99

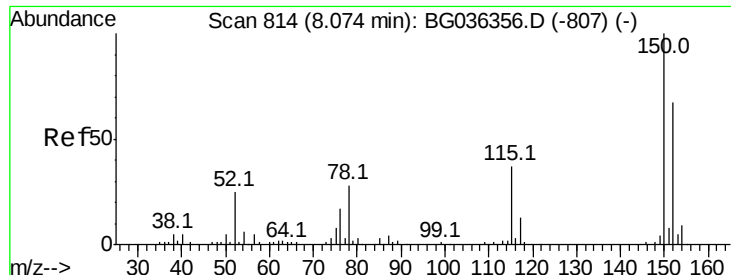
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG036370.D

Acq: 23 Aug 2018 8:57

Instrument :

BNA_G

ClientSampleId :

081618-DBRI-E-D-B

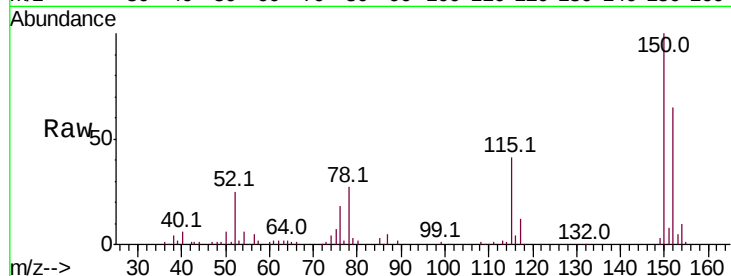
Tot Ion:152 Resp: 58010

Ion Ratio Lower Upper

152 100

150 153.7 119.5 179.3

115 63.5 44.5 66.7

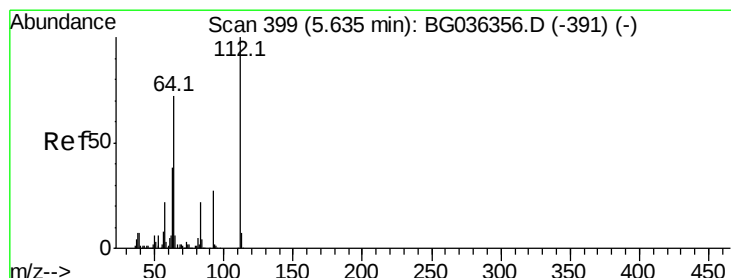
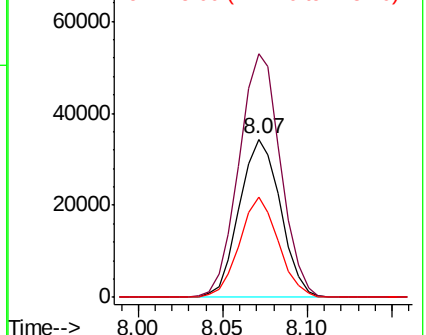
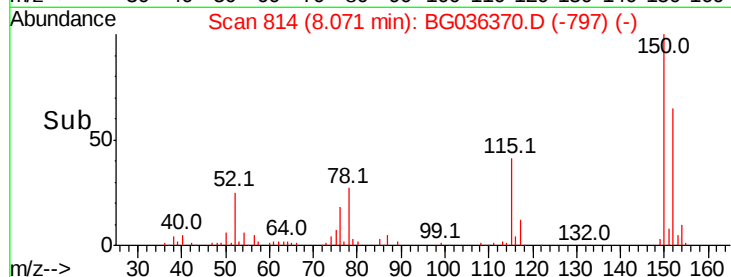


Abundance

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: 40.786 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.00 min

Lab File: BG036370.D

Acq: 23 Aug 2018 8:57

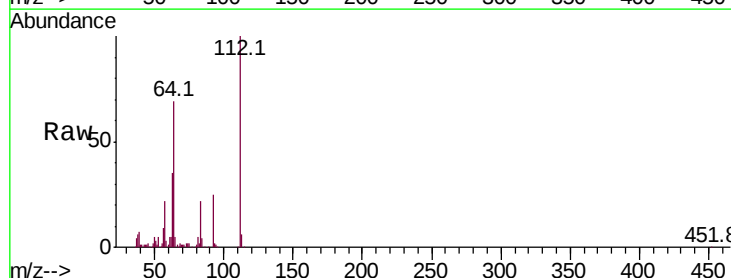
Tgt Ion:112 Resp: 149152

Ion Ratio Lower Upper

112 100

64 69.1 57.2 85.8

63 34.8 30.8 46.2

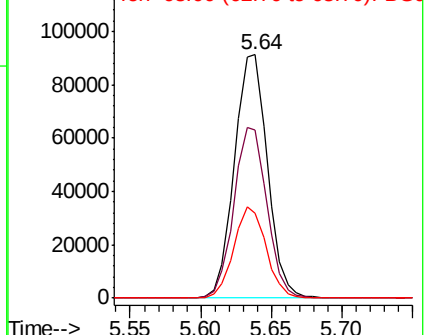
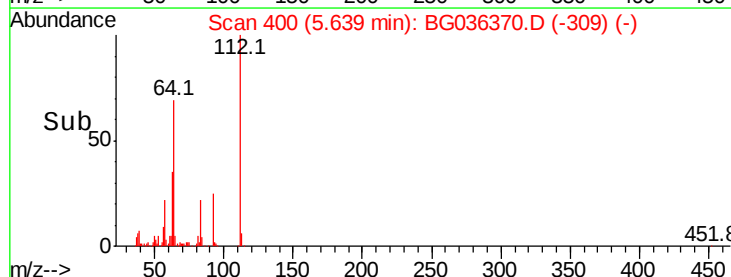


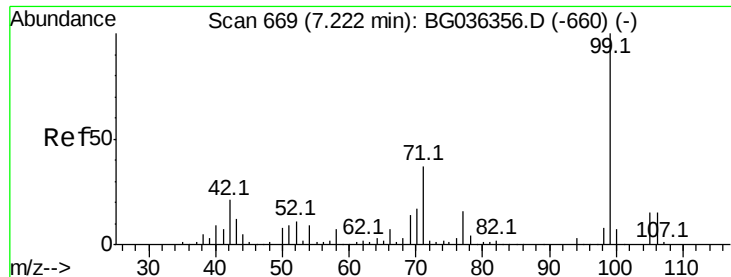
Abundance

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: 24.428 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036370.D

Acq: 23 Aug 2018 8:57

Instrument :

BNA_G

ClientSampleId :

081618-DBRI-E-D-B

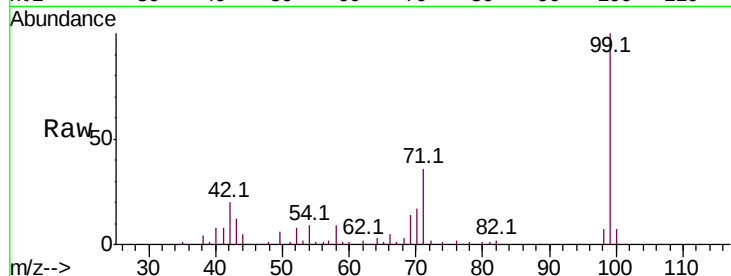
Tot Ion: 99 Resp: 127899

Ion Ratio Lower Upper

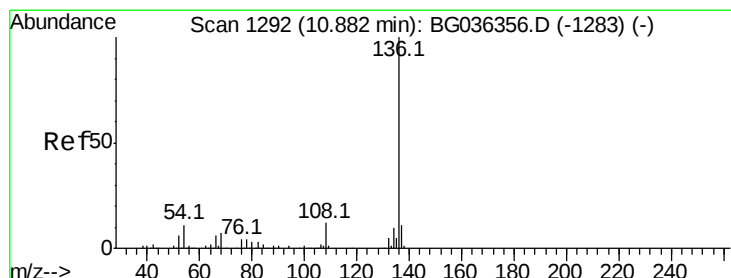
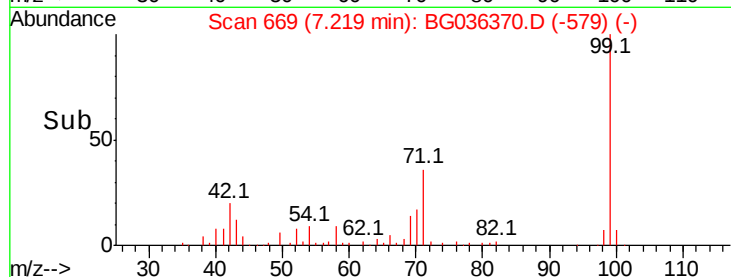
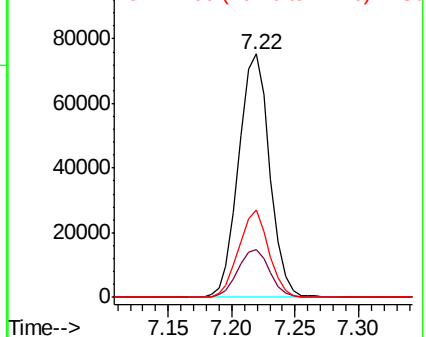
99 100

42 19.5 16.5 24.7

71 35.7 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# 1292

Delta R.T. -0.00 min

Lab File: BG036370.D

Acq: 23 Aug 2018 8:57

Tgt Ion: 136 Resp: 235940

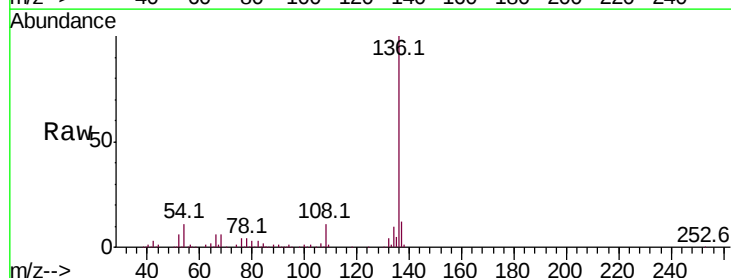
Ion Ratio Lower Upper

136 100

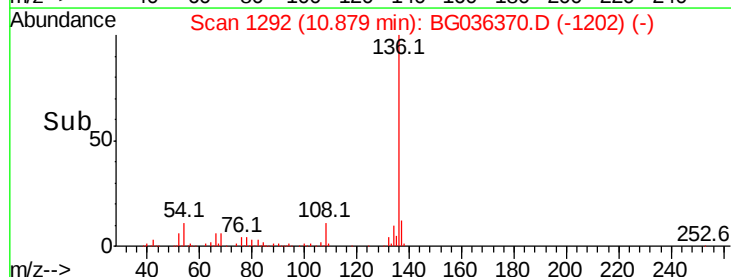
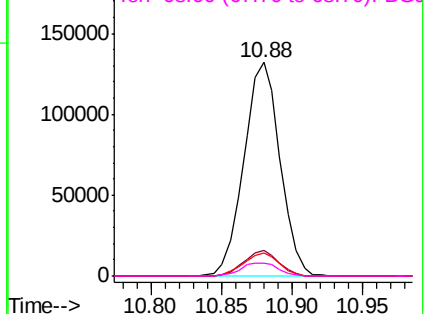
137 11.7 8.8 13.2

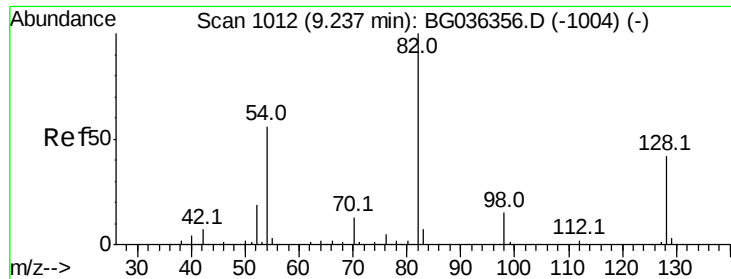
54 10.9 9.2 13.8

68 6.2 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

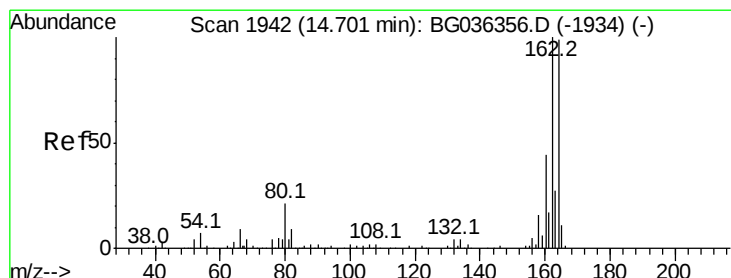
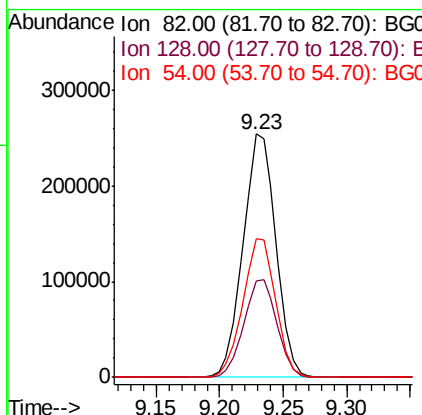
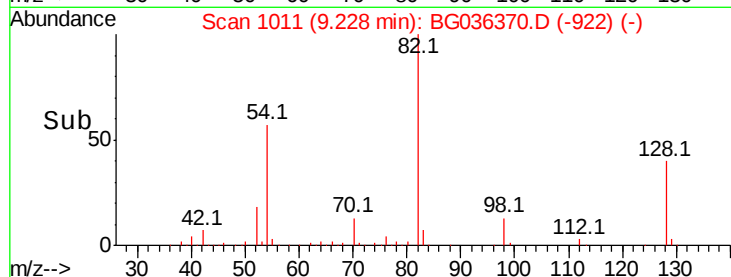
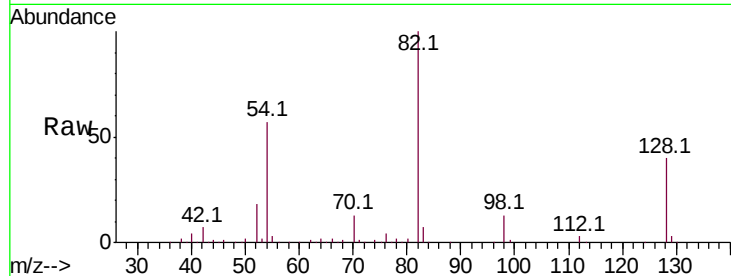




#23
Nitrobenzene-d5
Concen: 104.942 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG036370.D
Acq: 23 Aug 2018 8:57

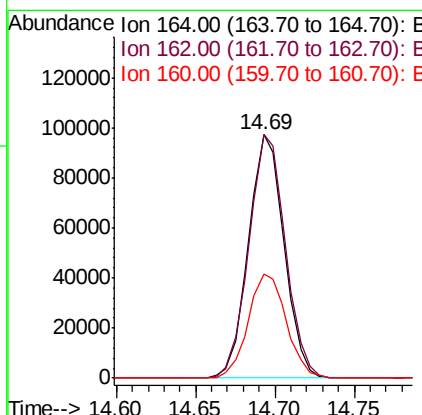
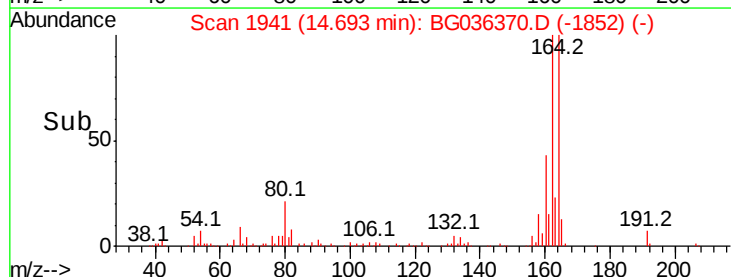
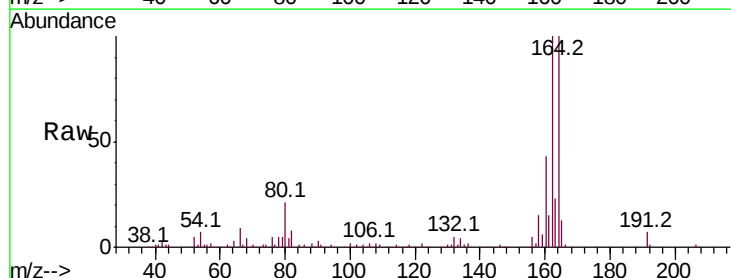
Instrument :
BNA_G
ClientSampleId :
081618-DBRI-E-D-B

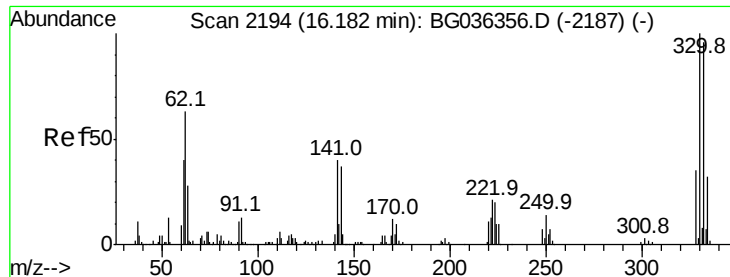
Tot Ion: 82 Resp: 456348
Ion Ratio Lower Upper
82 100
128 39.6 33.3 49.9
54 57.1 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG036370.D
Acq: 23 Aug 2018 8:57

Tgt Ion:164 Resp: 151461
Ion Ratio Lower Upper
164 100
162 100.0 80.7 121.1
160 42.9 35.3 52.9

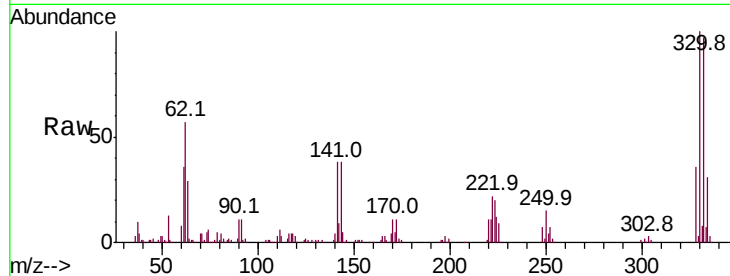




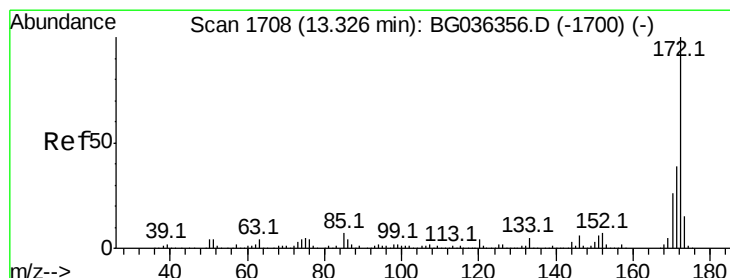
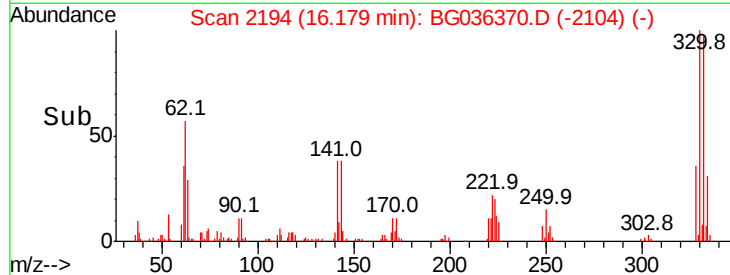
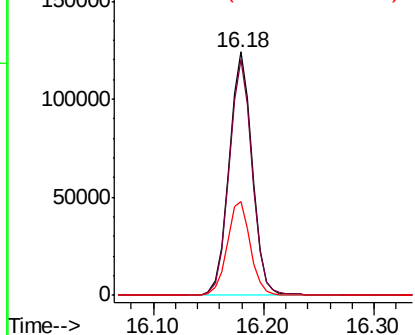
#41
 2,4,6-Tribromophenol
 Concen: 101.164 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG036370.D
 Acq: 23 Aug 2018 8:57

Instrument :
 BNA_G
 ClientSampleId :
 081618-DBRI-E-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.4	113.2
141	38.6	30.7	46.1

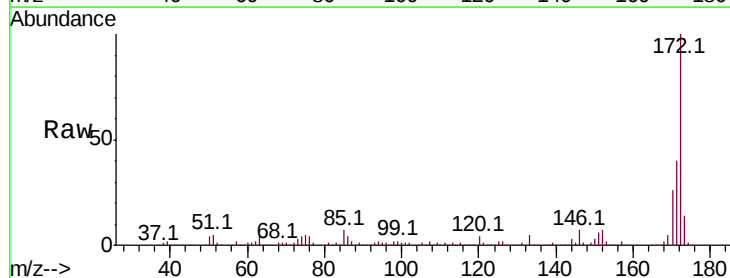


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

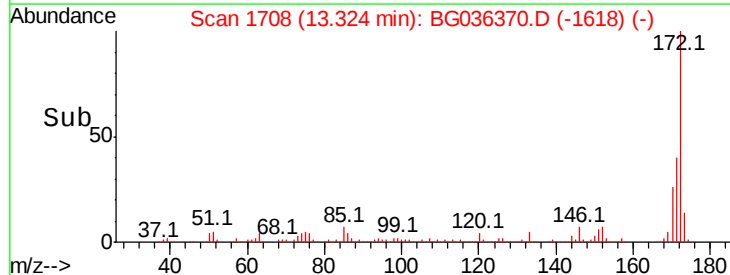
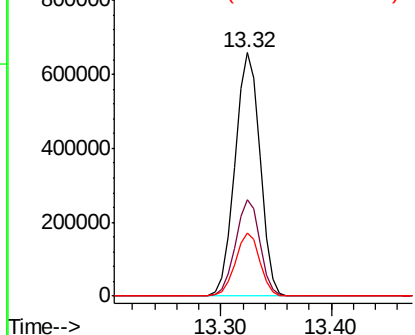


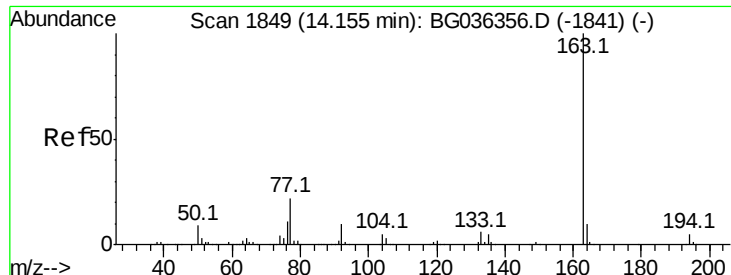
#44
 2-Fluorobiphenyl
 Concen: 98.949 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG036370.D
 Acq: 23 Aug 2018 8:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	31.3	46.9
170	26.0	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: 2.869 ng

RT: 14.15 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BG036370.D

Acq: 23 Aug 2018 8:57

Instrument :

BNA_G

ClientSampleId :

081618-DBRI-E-D-B

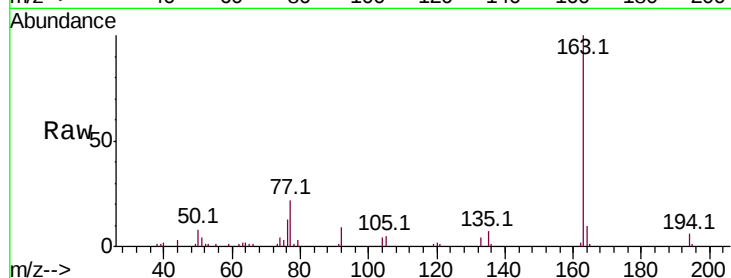
Tot Ion:163 Resp: 35479

Ion Ratio Lower Upper

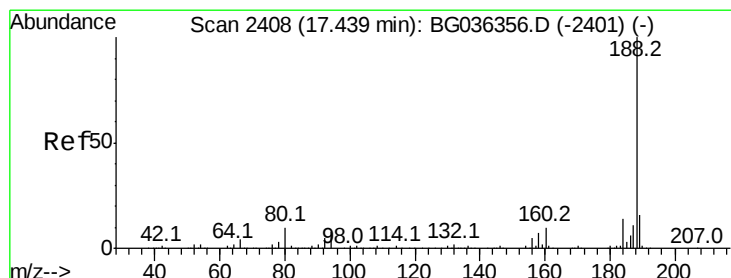
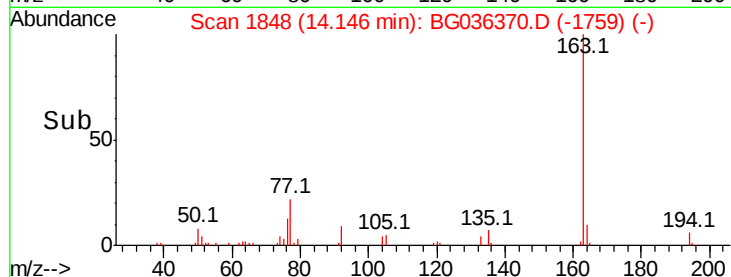
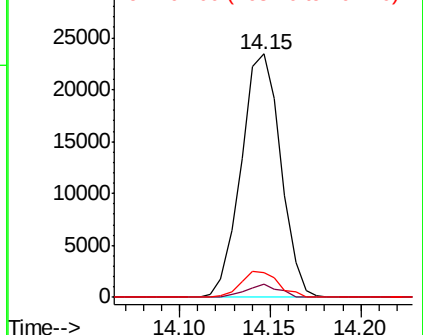
163 100

194 5.7 4.0 6.0

164 10.3 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: 17.44 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BG036370.D

Acq: 23 Aug 2018 8:57

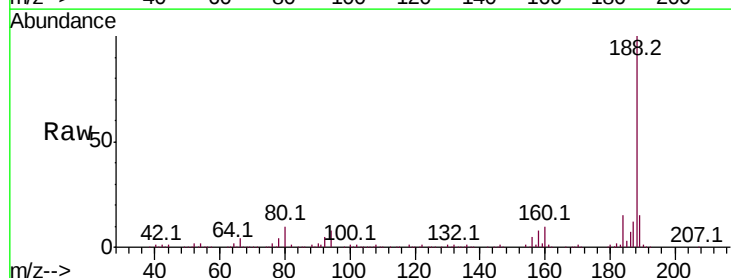
Tgt Ion:188 Resp: 373983

Ion Ratio Lower Upper

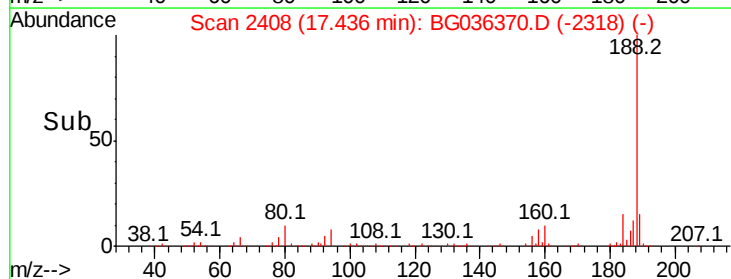
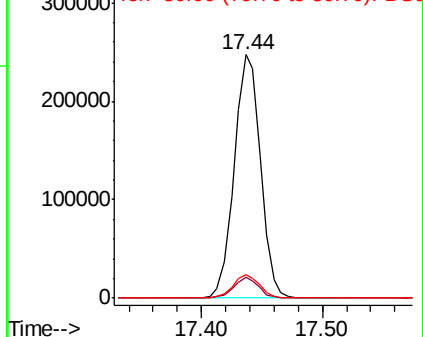
188 100

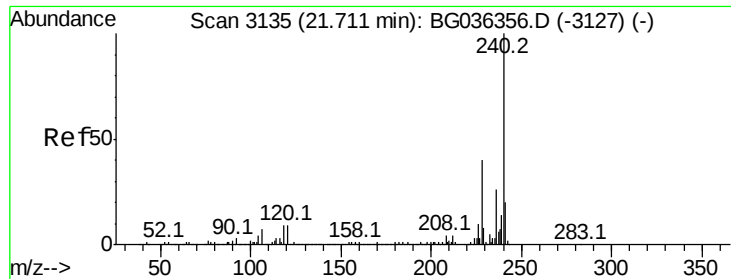
94 8.3 6.7 10.1

80 9.7 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: 21.71 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG036370.D

Acq: 23 Aug 2018 8:57

Instrument :

BNA_G

ClientSampleId :

081618-DBRI-E-D-B

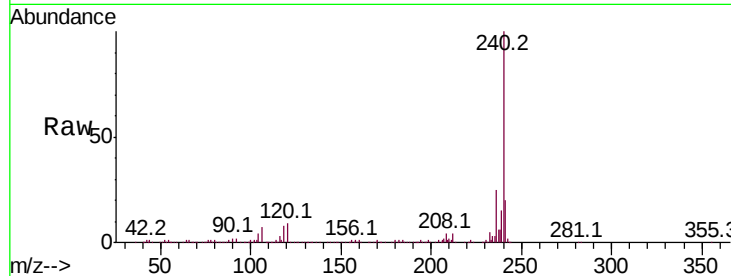
Tot Ion:240 Resp: 423074

Ion Ratio Lower Upper

240 100

120 8.9 6.9 10.3

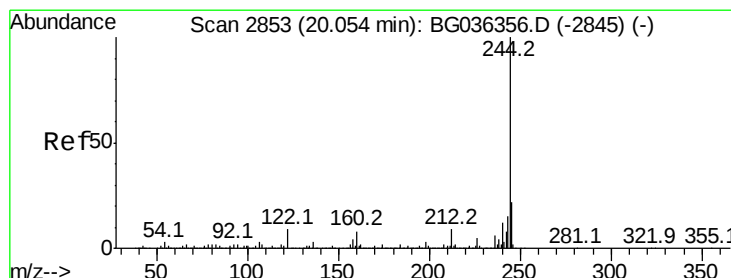
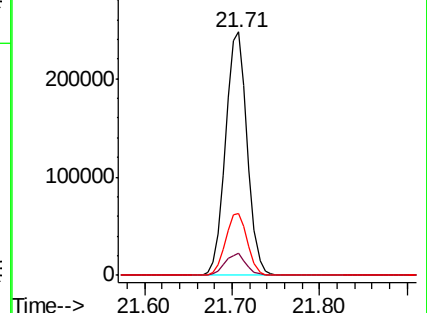
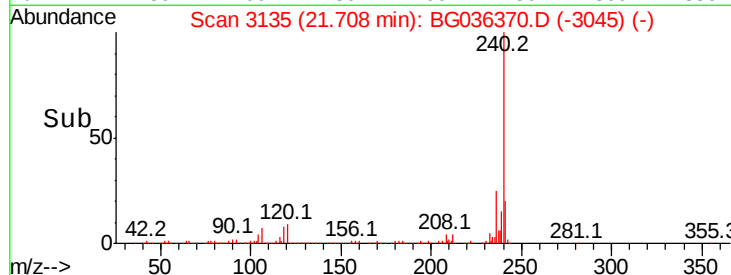
236 25.3 21.2 31.8



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: 90.952 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG036370.D

Acq: 23 Aug 2018 8:57

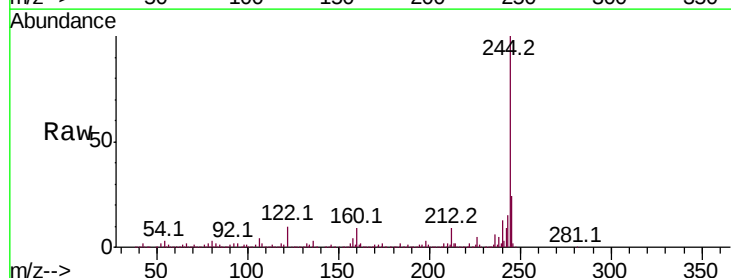
Tgt Ion:244 Resp: 1646289

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.6

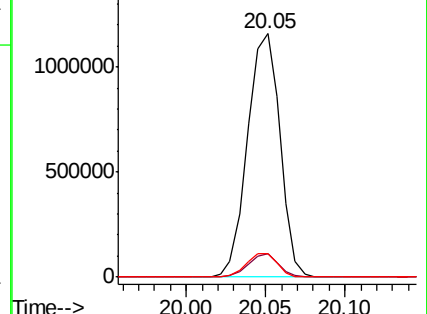
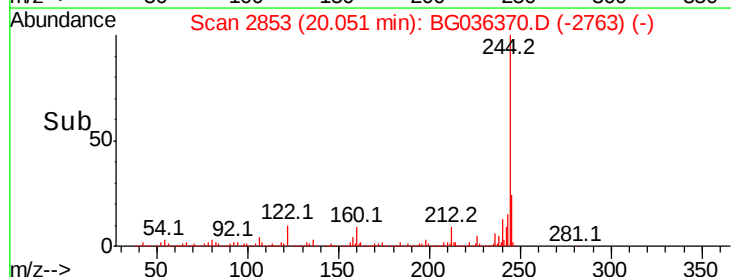
122 9.7 7.1 10.7

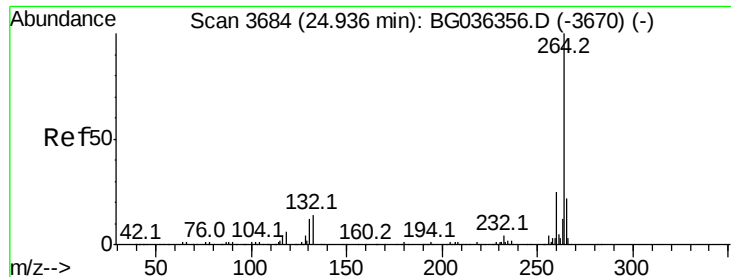


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.93 min Scan# 3683
 Delta R.T. -0.01 min
 Lab File: BG036370.D
 Acq: 23 Aug 2018 8:57

Instrument :
 BNA_G
 ClientSampleId :
 081618-DBRI-E-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	21.6	17.4	26.0

