

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082318\
 Data File : BG036372.D
 Acq On : 23 Aug 2018 10:15
 Operator : JU/SJ
 Sample : J4540-07
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

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

Quant Time: Aug 23 12:48:21 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

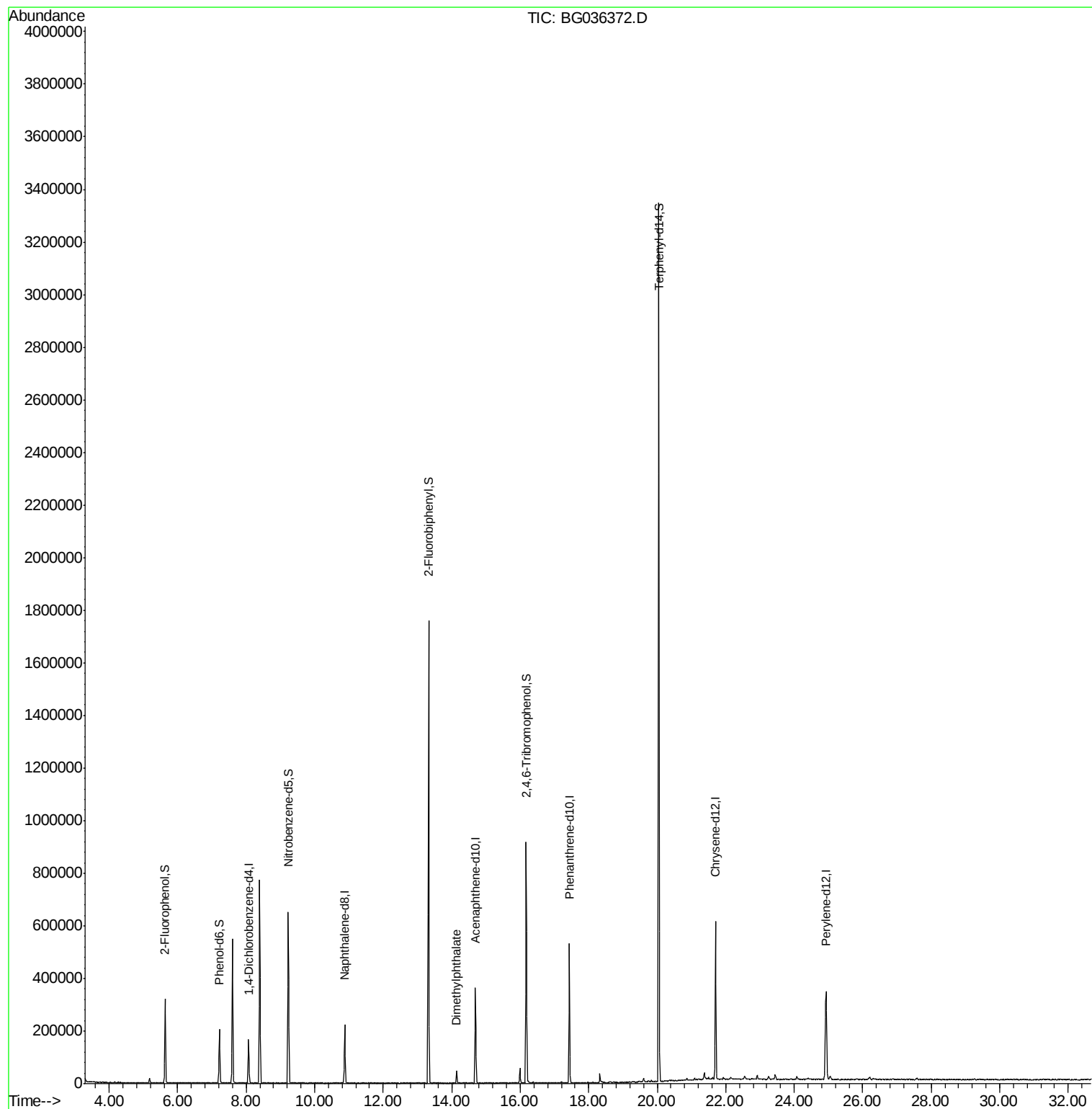
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	44942	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	188071	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	121924	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	311771	20.00	ng	0.00
75) Chrysene-d12	21.70	240	361241	20.00	ng	0.00
86) Perylene-d12	24.93	264	362694	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	131315	46.35	ng	0.00
7) Phenol-d6	7.21	99	113650	28.02	ng	0.00
23) Nitrobenzene-d5	9.23	82	372098	107.35	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	163395	112.31	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	907016	106.22	ng	0.00
78) Terphenyl-d14	20.05	244	1510539	97.74	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.14	163	30525	3.066	ng	99

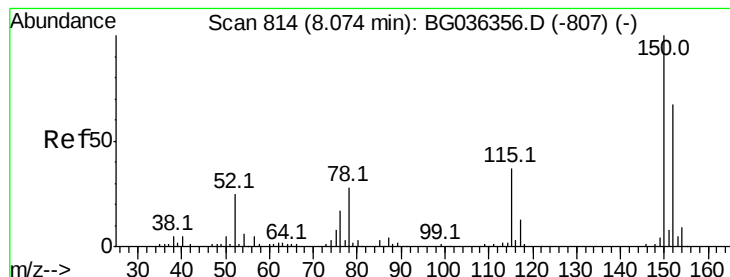
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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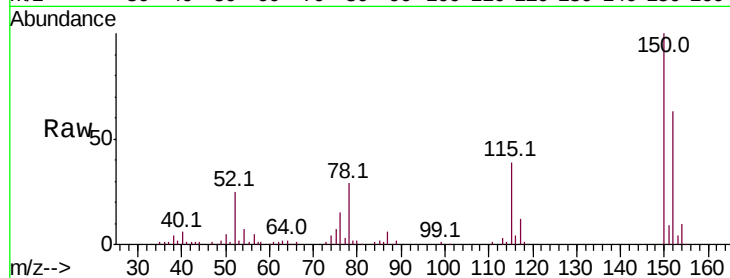


#1

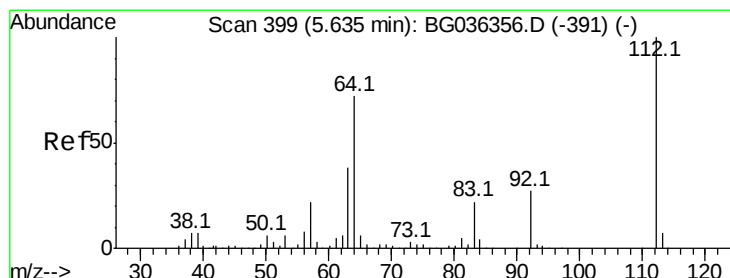
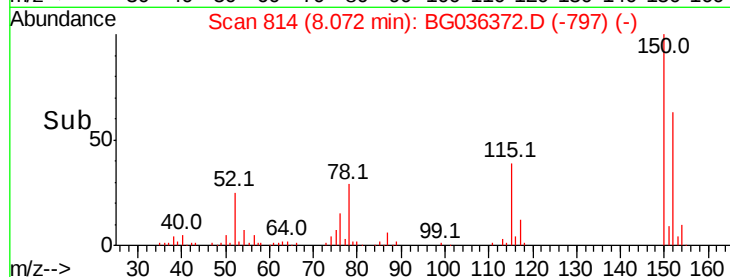
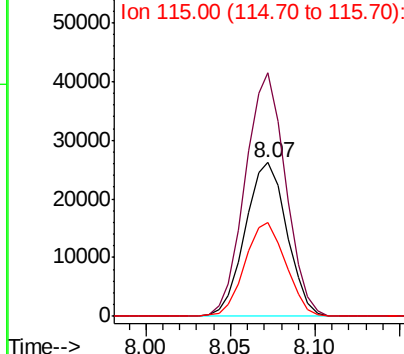
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG036372.D
Acq: 23 Aug 2018 10:15

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

Tot Ion:152 Resp: 44942
Ion Ratio Lower Upper
152 100
150 158.5 119.5 179.3
115 61.4 44.5 66.7



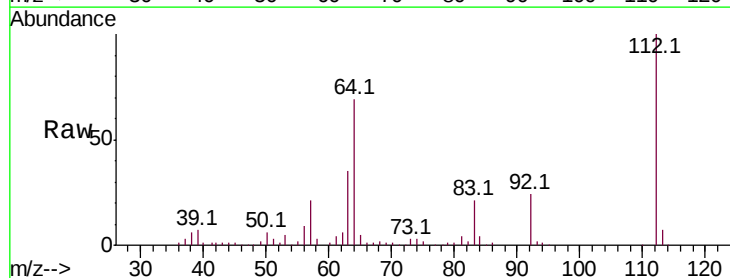
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



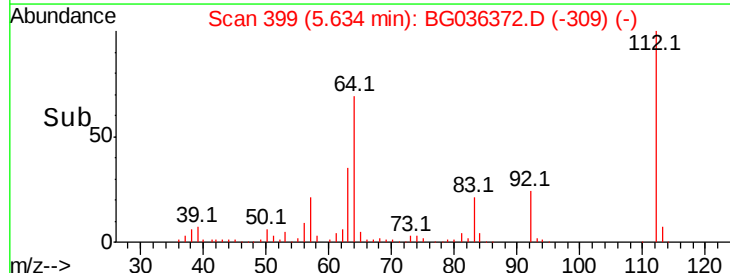
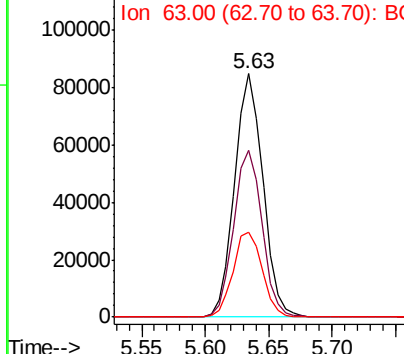
#5

2-Fluorophenol
Concen: 46.350 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036372.D
Acq: 23 Aug 2018 10:15

Tgt Ion:112 Resp: 131315
Ion Ratio Lower Upper
112 100
64 68.5 57.2 85.8
63 35.0 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: 28.018 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036372.D

Acq: 23 Aug 2018 10:15

Instrument :

BNA_G

ClientSampleId :

081618-DBRI-E-U-B

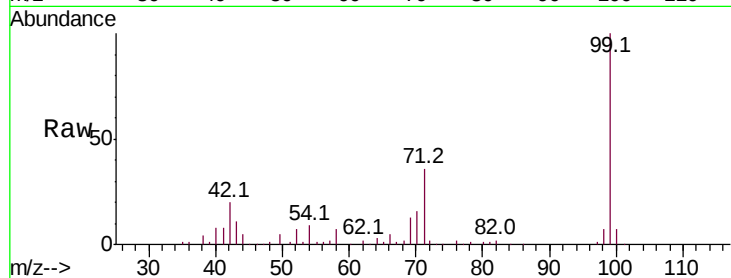
Tot Ion: 99 Resp: 113650

Ion Ratio Lower Upper

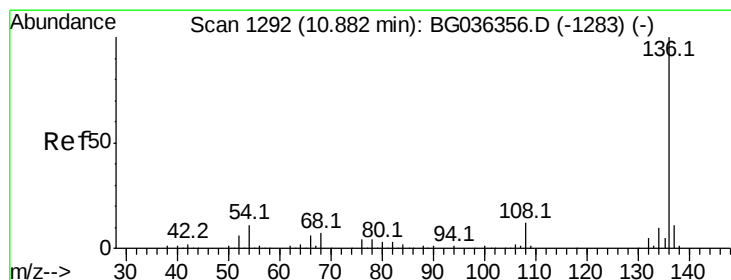
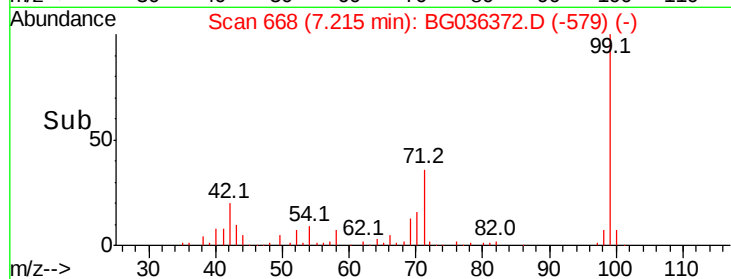
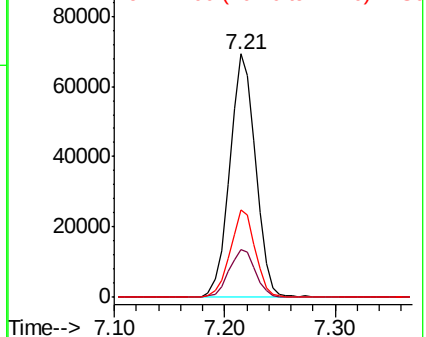
99 100

42 19.7 16.5 24.7

71 36.0 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# 1292

Delta R.T. -0.00 min

Lab File: BG036372.D

Acq: 23 Aug 2018 10:15

Tgt Ion: 136 Resp: 188071

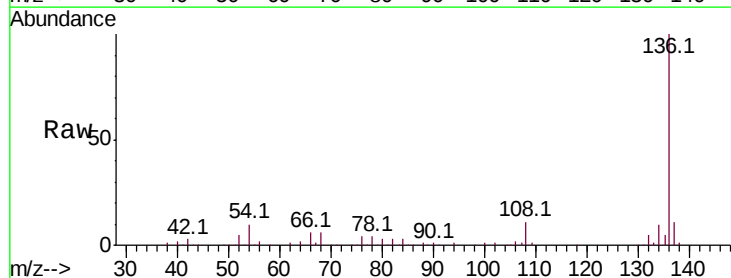
Ion Ratio Lower Upper

136 100

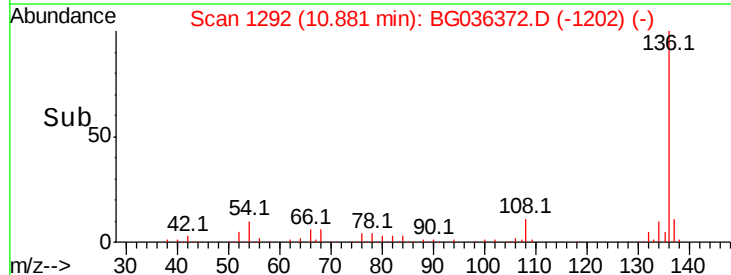
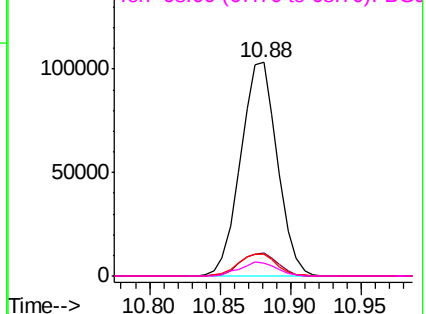
137 10.5 8.8 13.2

54 10.3 9.2 13.8

68 6.0 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

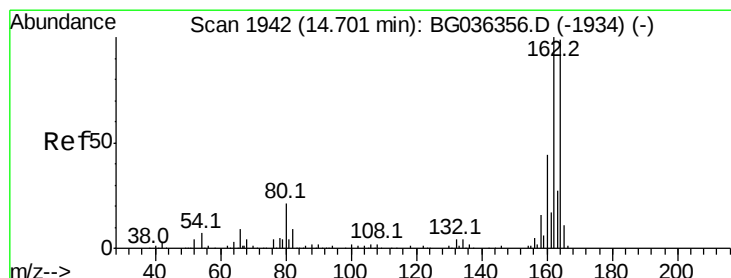
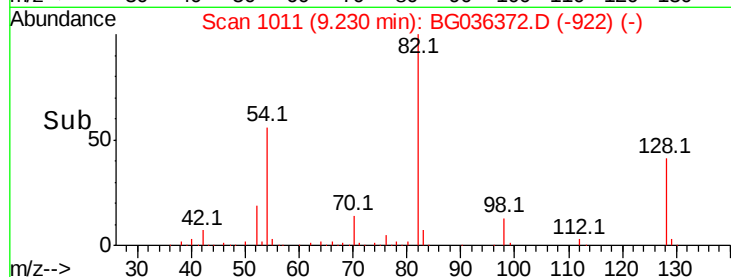
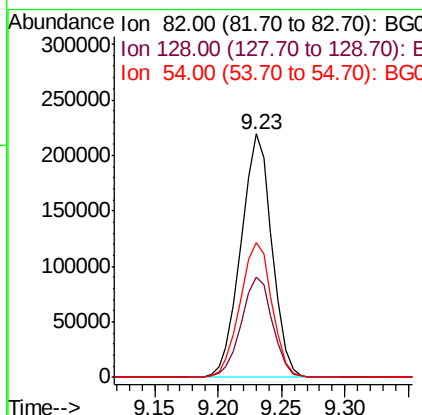
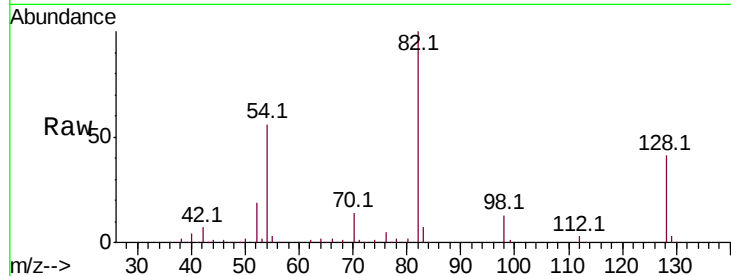




#23
Nitrobenzene-d5
Concen: 107.347 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG036372.D
Acq: 23 Aug 2018 10:15

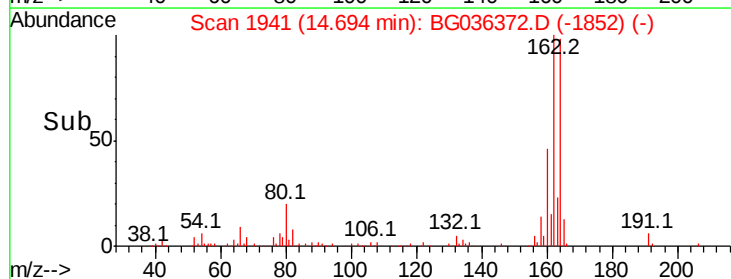
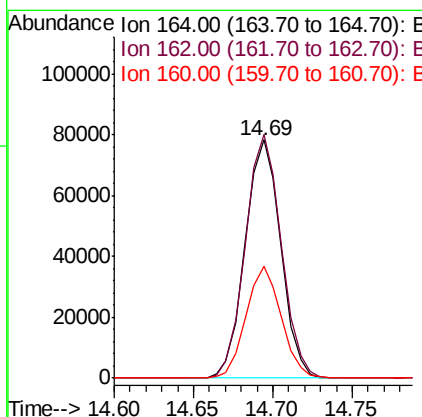
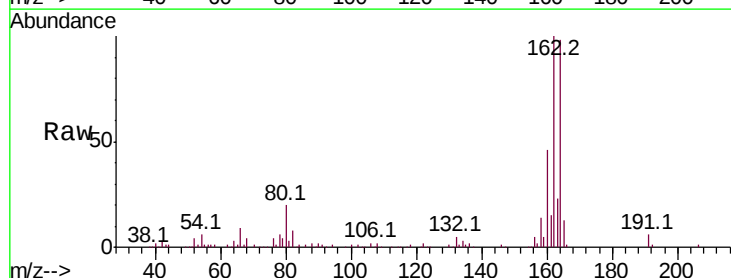
Instrument :
BNA_G
ClientSampleId :
081618-DBRI-E-U-B

Tot Ion	82	Resp	372098
Ion Ratio	Lower	Upper	
82	100		
128	41.2	33.3	49.9
54	55.5	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: BG036372.D
Acq: 23 Aug 2018 10:15

Tgt Ion	164	Resp	121924
Ion Ratio	Lower	Upper	
164	100		
162	102.2	80.7	121.1
160	46.7	35.3	52.9

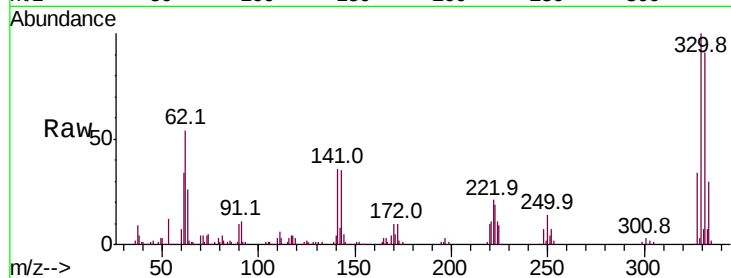




#41
 2,4,6-Tribromophenol
 Concen: 112.312 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG036372.D
 Acq: 23 Aug 2018 10:15

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	75.4	113.2
141	38.8	30.7	46.1

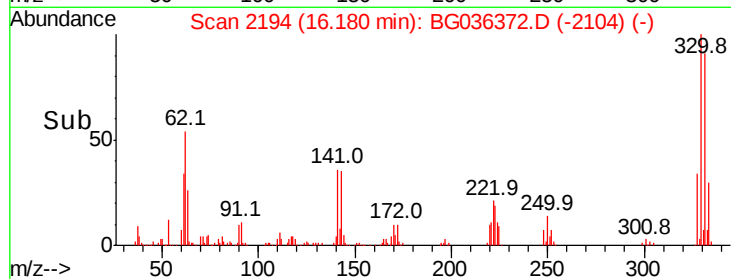
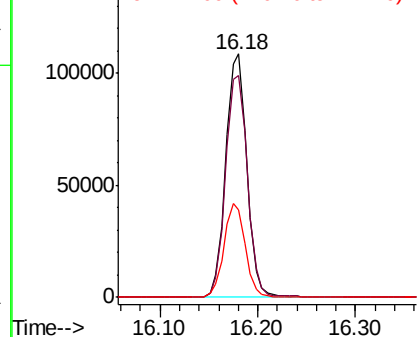


Abundance

Ion 329.80 (329.50 to 330.50): E

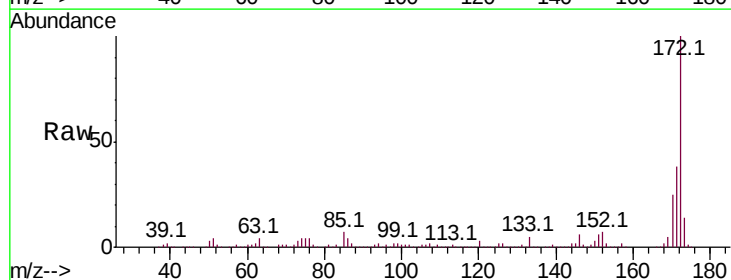
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 106.218 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG036372.D
 Acq: 23 Aug 2018 10:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.3	46.9
170	25.4	21.0	31.6

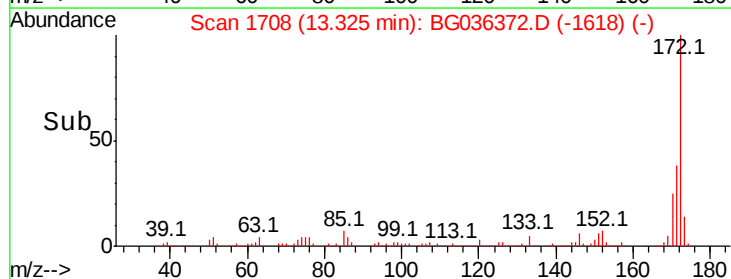
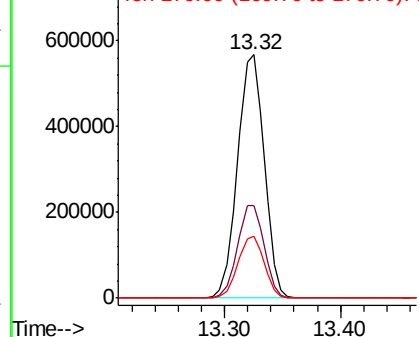


Abundance

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

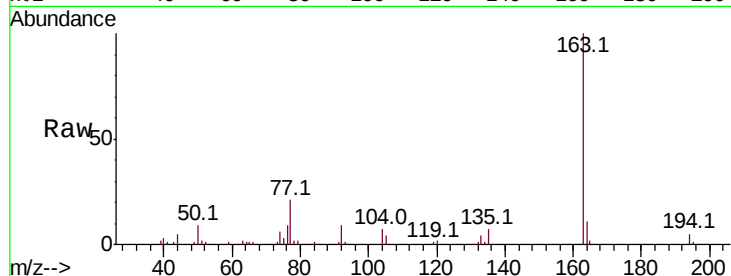




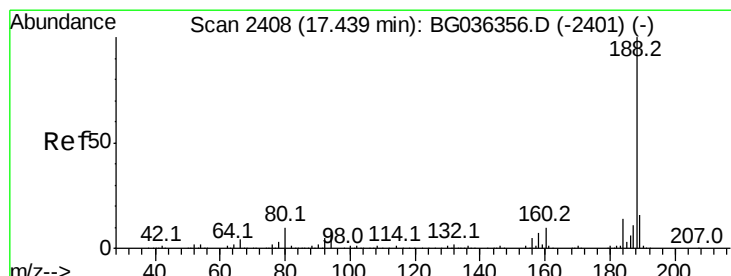
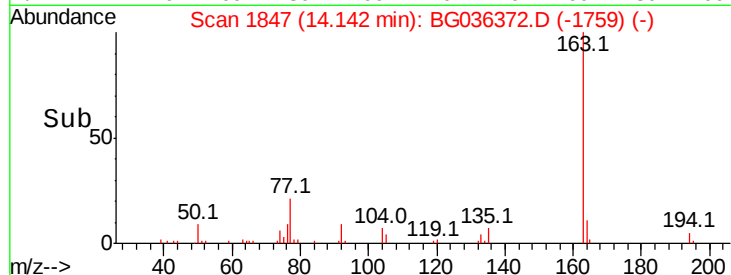
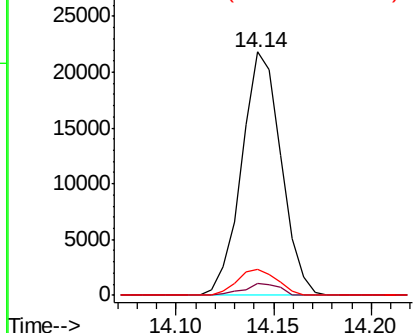
#49
Dimethylphthalate
Concen: 3.066 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BG036372.D
Acq: 23 Aug 2018 10:15

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

Tot Ion:163 Resp: 30525
Ion Ratio Lower Upper
163 100
194 4.7 4.0 6.0
164 10.7 8.1 12.1

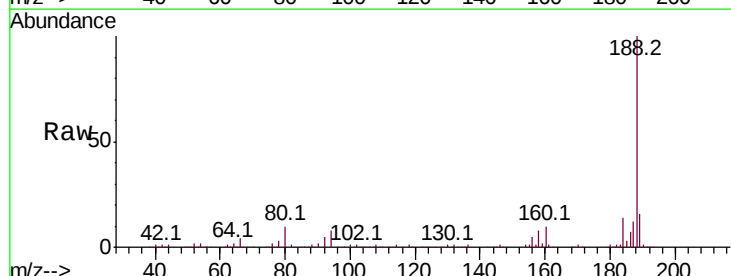


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

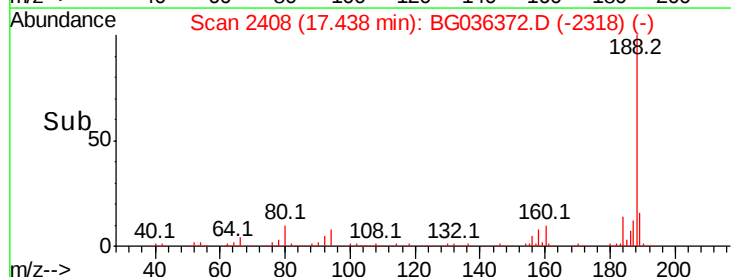
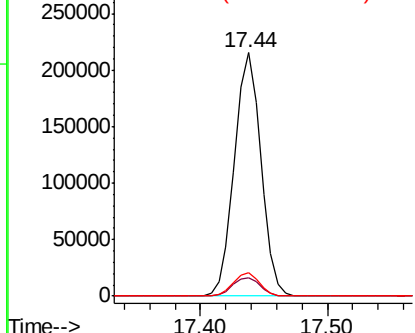


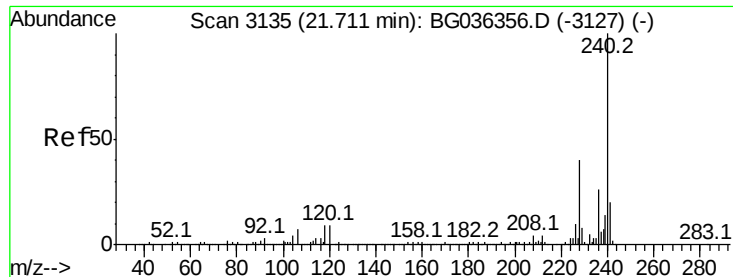
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BG036372.D
Acq: 23 Aug 2018 10:15

Tgt Ion:188 Resp: 311771
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 9.6 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# 3134

Delta R.T. -0.01 min

Lab File: BG036372.D

Acq: 23 Aug 2018 10:15

Instrument :

BNA_G

ClientSampleId :

081618-DBRI-E-U-B

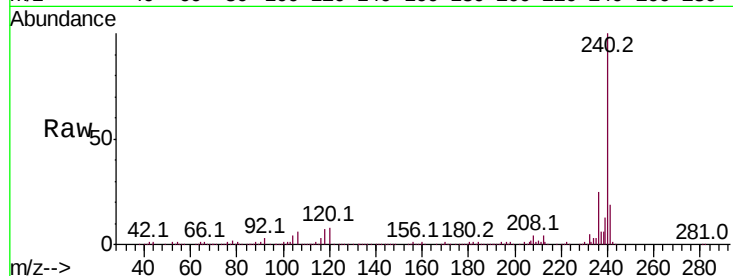
Tot Ion:240 Resp: 361241

Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

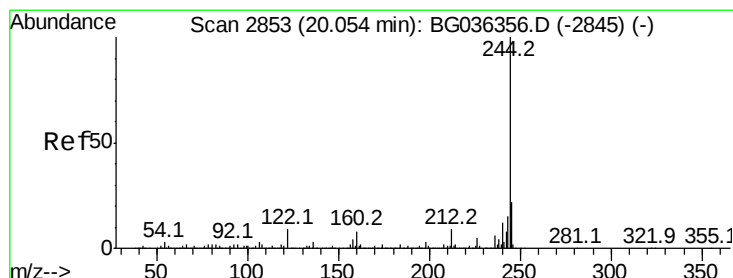
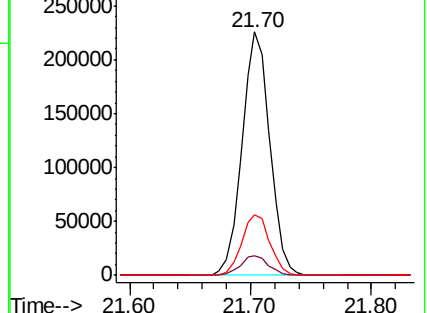
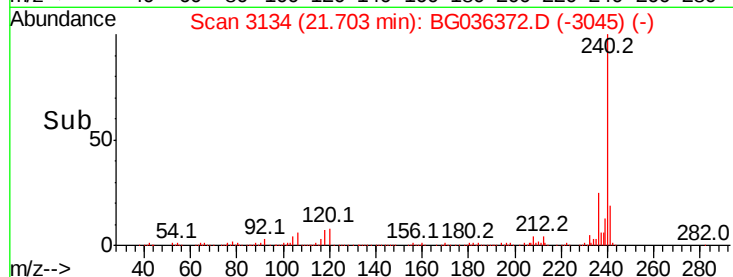
236 24.8 21.2 31.8



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: 97.737 ng

RT: 20.05 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG036372.D

Acq: 23 Aug 2018 10:15

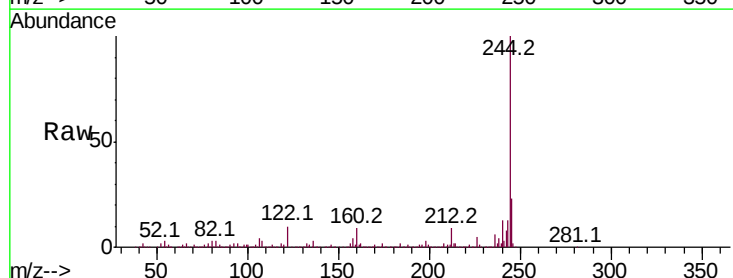
Tgt Ion:244 Resp: 1510539

Ion Ratio Lower Upper

244 100

212 9.4 7.0 10.6

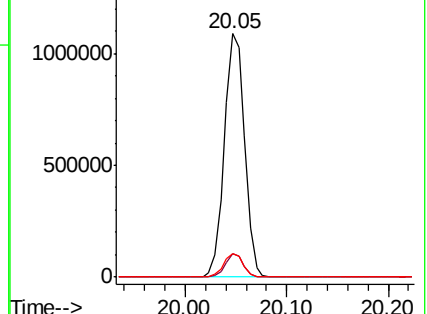
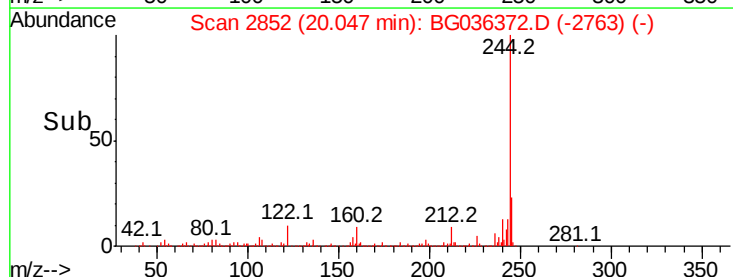
122 9.9 7.1 10.7

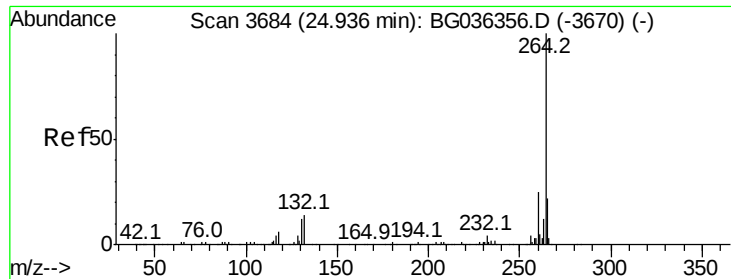


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

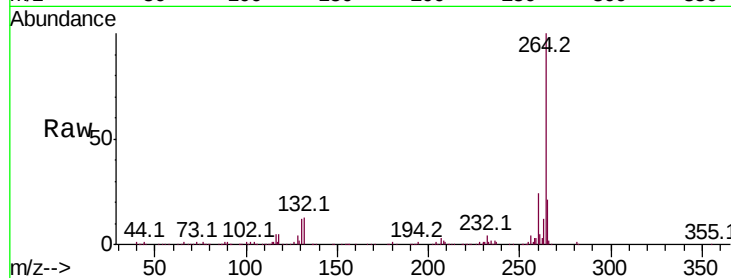




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3683
Delta R.T. -0.01 min
Lab File: BG036372.D
Acq: 23 Aug 2018 10:15

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	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

