

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082318\
 Data File : BG036371.D
 Acq On : 23 Aug 2018 9:36
 Operator : JU/SJ
 Sample : J4540-06
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Aug 23 12:47:30 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

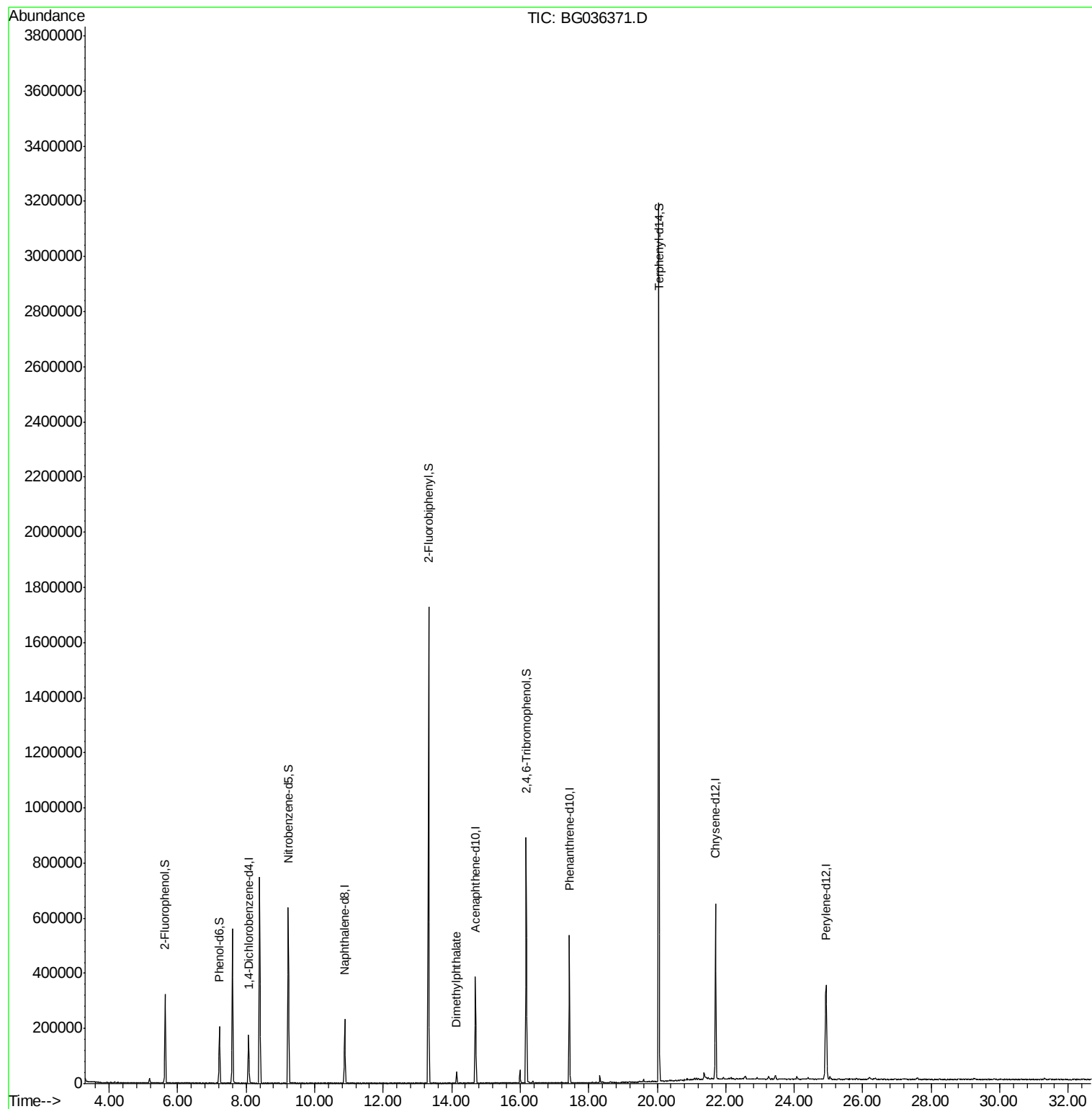
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	48420	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	198595	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	128615	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	323069	20.00	ng	0.00
75) Chrysene-d12	21.70	240	372980	20.00	ng	0.00
86) Perylene-d12	24.93	264	377743	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	132046	43.26	ng	0.00
7) Phenol-d6	7.21	99	114650	26.23	ng	0.00
23) Nitrobenzene-d5	9.23	82	377248	103.07	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	157485	102.62	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	883325	98.06	ng	0.00
78) Terphenyl-d14	20.05	244	1473346	92.33	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.14	163	26959	2.567	ng	Qvalue # 96

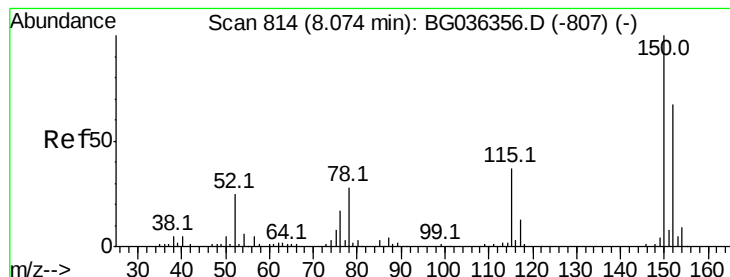
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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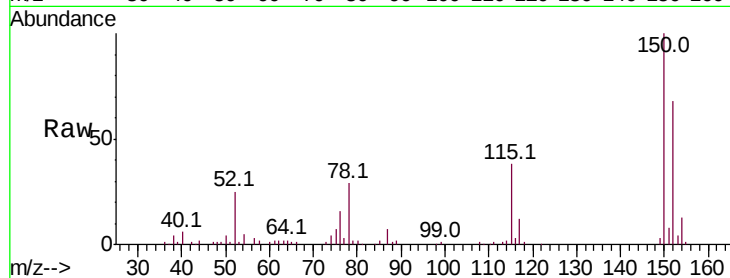


#1

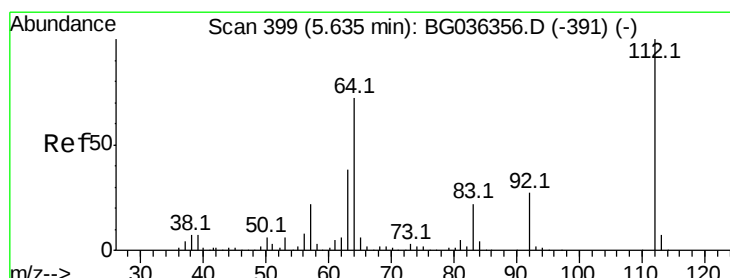
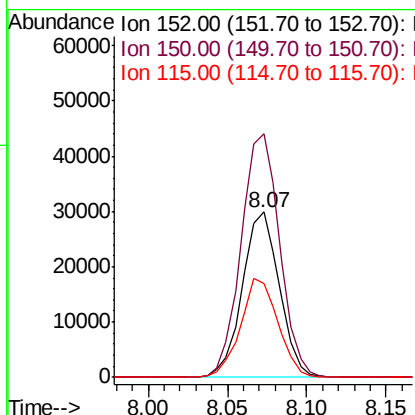
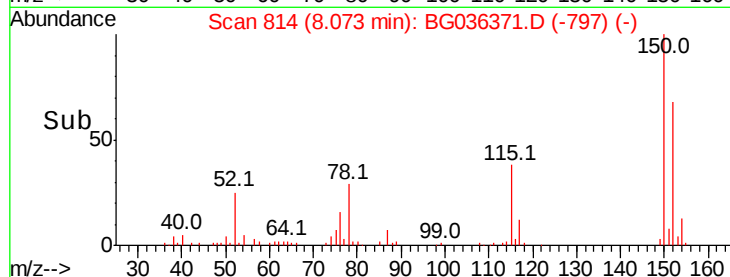
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BG036371.D
 Acq: 23 Aug 2018 9:36

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	119.5	179.3
115	56.7	44.5	66.7



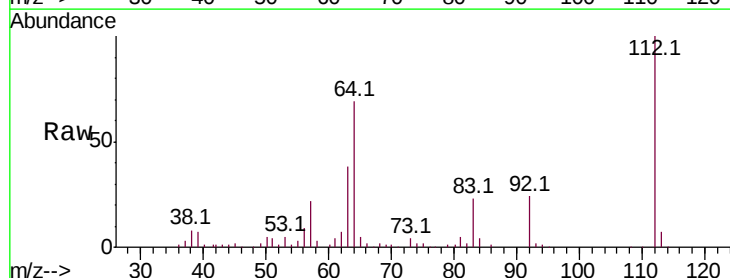
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



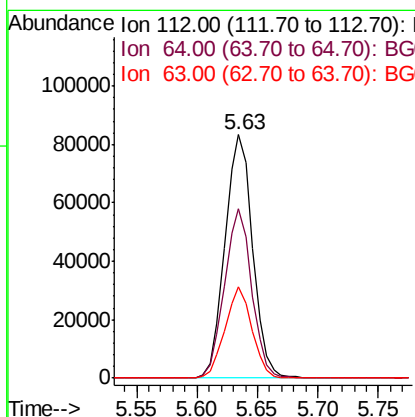
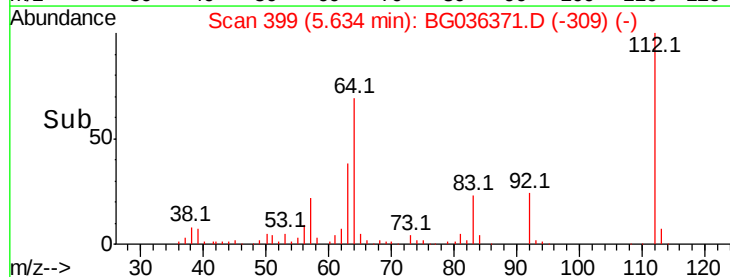
#5

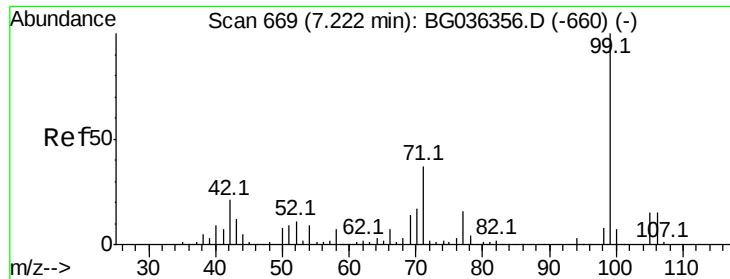
2-Fluorophenol
 Concen: 43.260 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG036371.D
 Acq: 23 Aug 2018 9:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	57.2	85.8
63	37.7	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: 26.234 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036371.D

Acq: 23 Aug 2018 9:36

Instrument :

BNA_G

ClientSampleId :

081618-DBRI-E-D-S

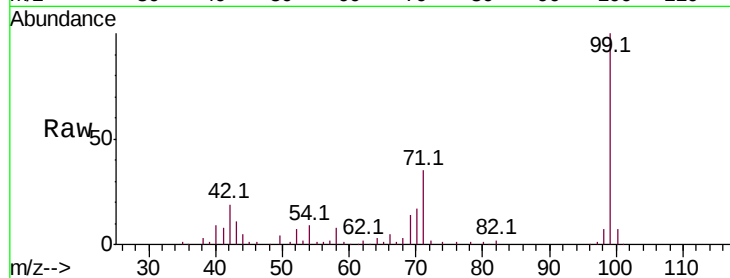
Tot Ion: 99 Resp: 114650

Ion Ratio Lower Upper

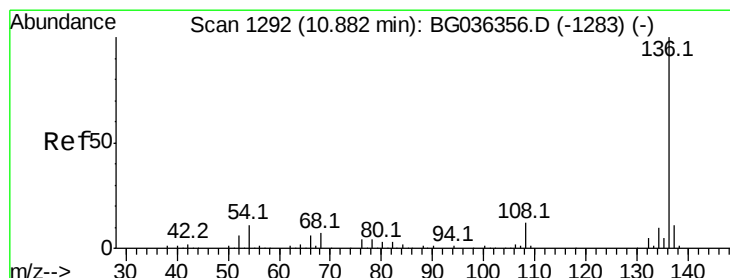
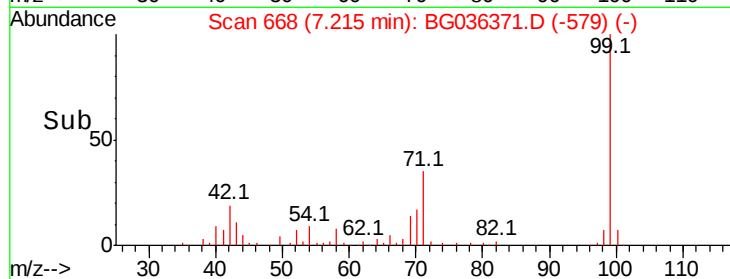
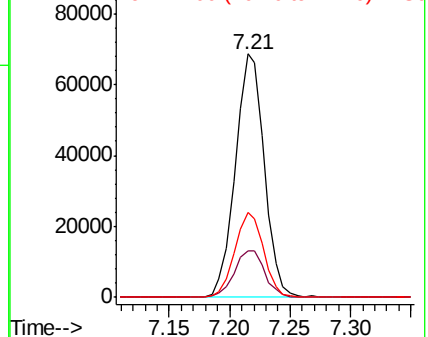
99 100

42 18.9 16.5 24.7

71 34.7 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# 1291

Delta R.T. -0.01 min

Lab File: BG036371.D

Acq: 23 Aug 2018 9:36

Tgt Ion: 136 Resp: 198595

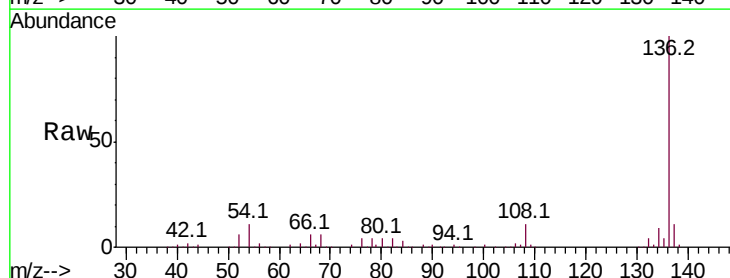
Ion Ratio Lower Upper

136 100

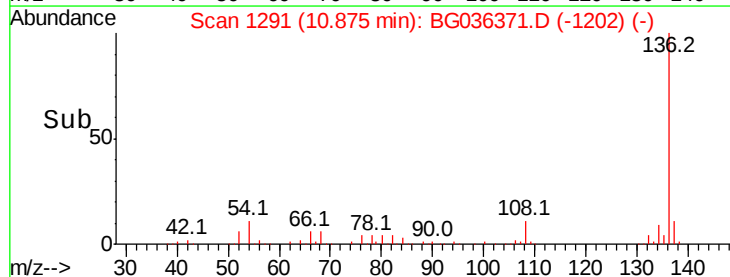
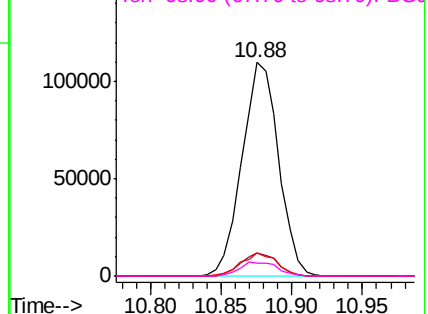
137 10.6 8.8 13.2

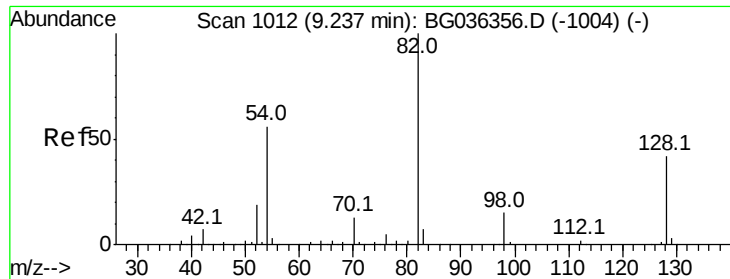
54 10.7 9.2 13.8

68 5.9 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

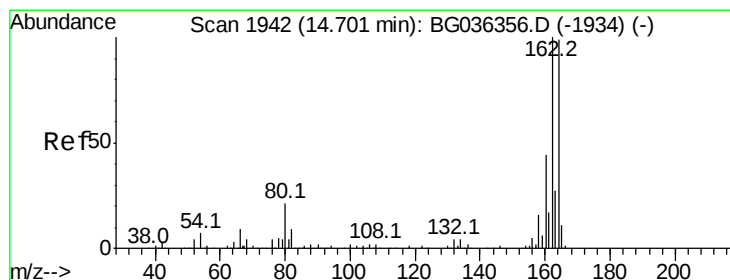
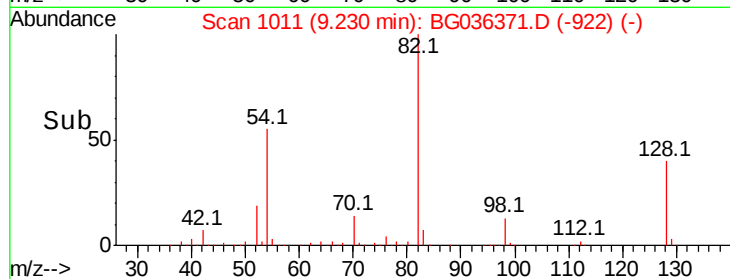
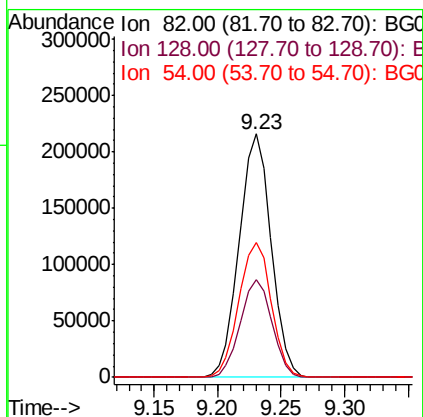
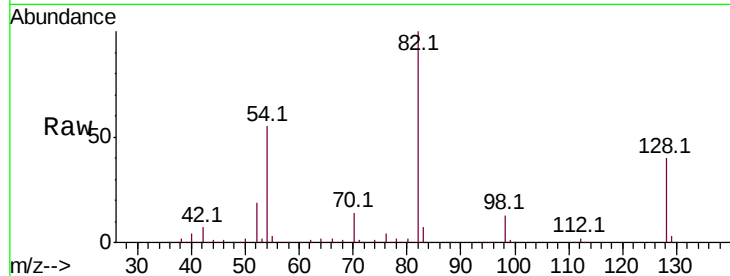




#23
 Nitrobenzene-d5
 Concen: 103.065 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG036371.D
 Acq: 23 Aug 2018 9:36

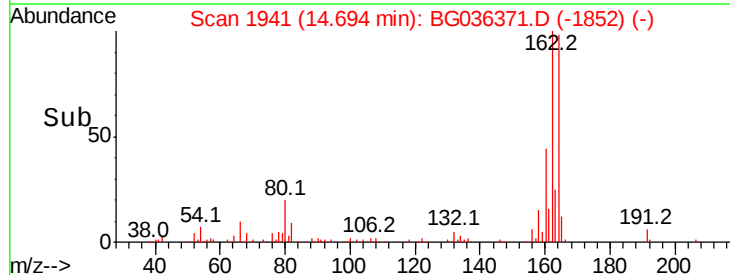
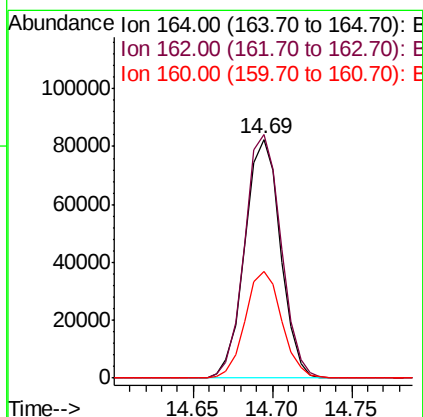
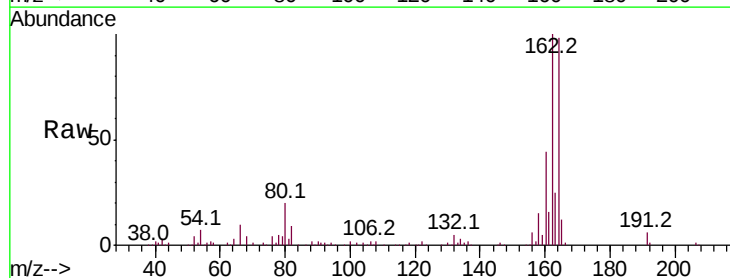
Instrument :
 BNA_G
 ClientSampleId :
 081618-DBRI-E-D-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.3	49.9
54	55.4	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: BG036371.D
 Acq: 23 Aug 2018 9:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.7	121.1
160	44.6	35.3	52.9

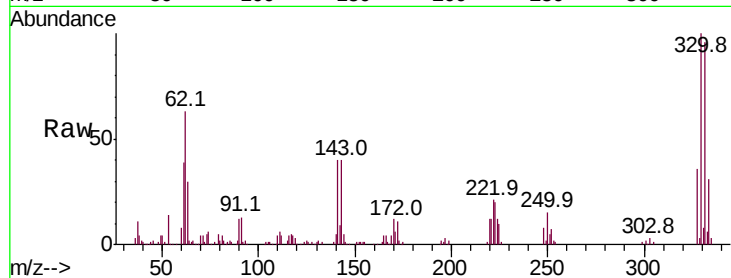




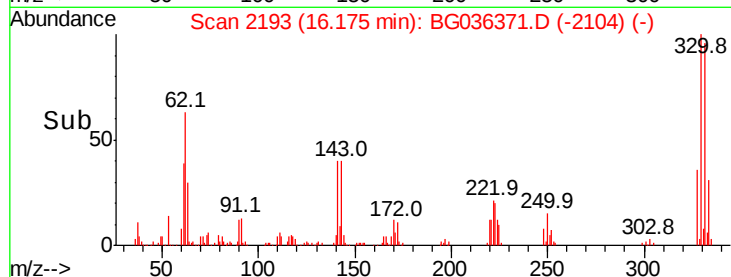
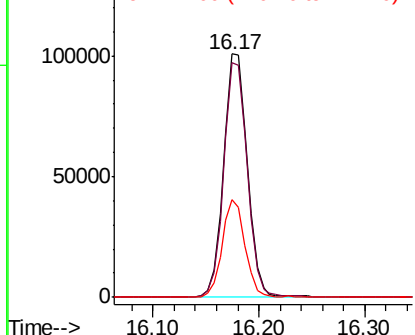
#41
 2,4,6-Tribromophenol
 Concen: 102.619 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036371.D
 Acq: 23 Aug 2018 9:36

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.4	113.2
141	38.6	30.7	46.1

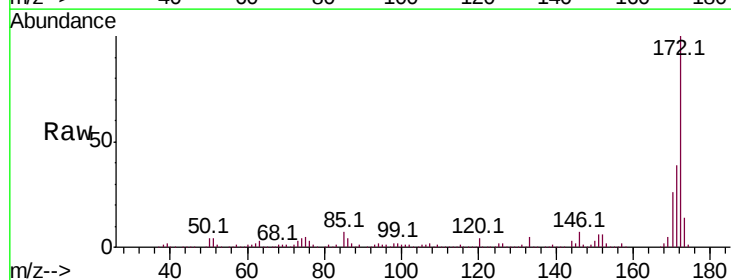


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

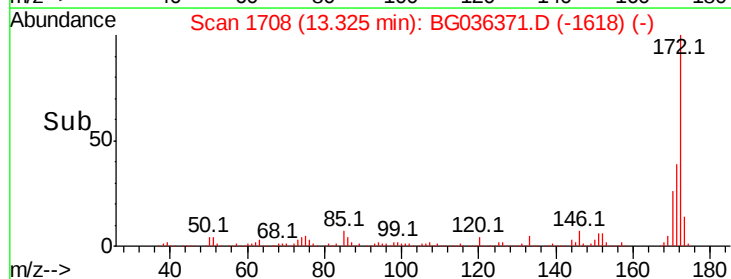
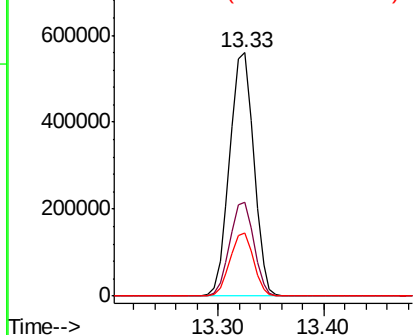


#44
 2-Fluorobiphenyl
 Concen: 98.062 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG036371.D
 Acq: 23 Aug 2018 9:36

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: 2.567 ng

RT: 14.14 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BG036371.D

Acq: 23 Aug 2018 9:36

Instrument :

BNA_G

ClientSampleId :

081618-DBRI-E-D-S

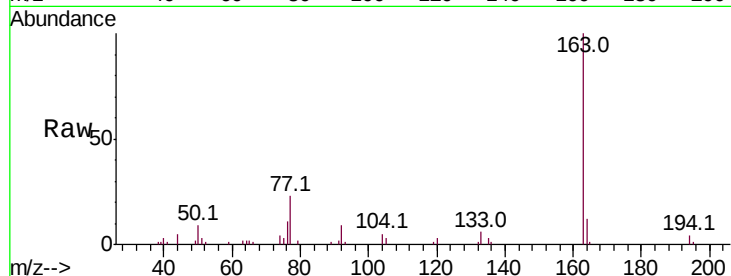
Tot Ion:163 Resp: 26959

Ion Ratio Lower Upper

163 100

194 4.0 4.0 6.0#

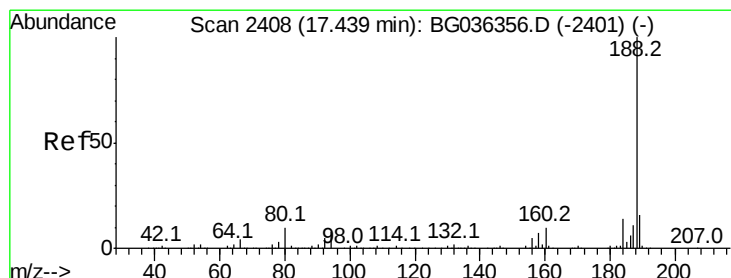
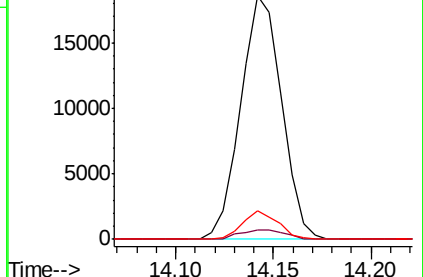
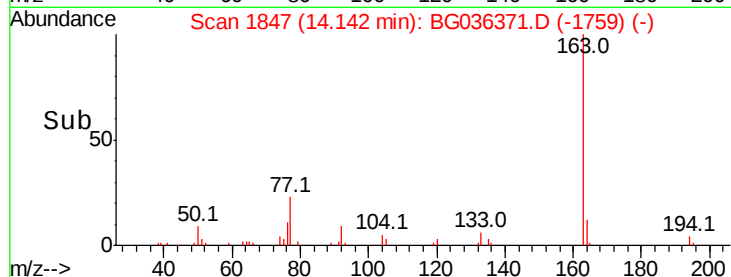
164 11.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

25000 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: BG036371.D

Acq: 23 Aug 2018 9:36

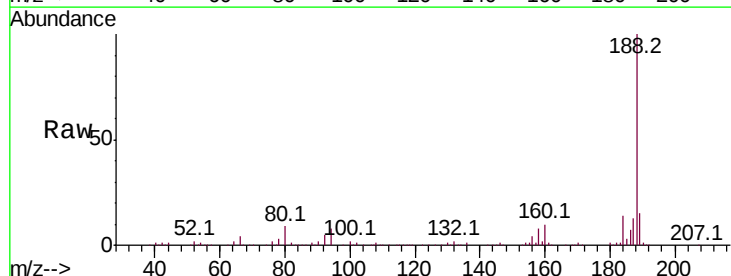
Tgt Ion:188 Resp: 323069

Ion Ratio Lower Upper

188 100

94 7.8 6.7 10.1

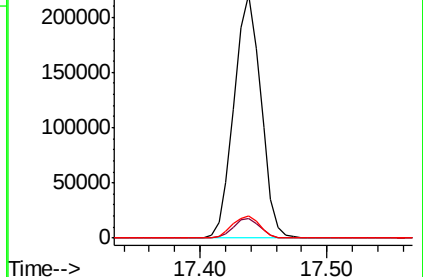
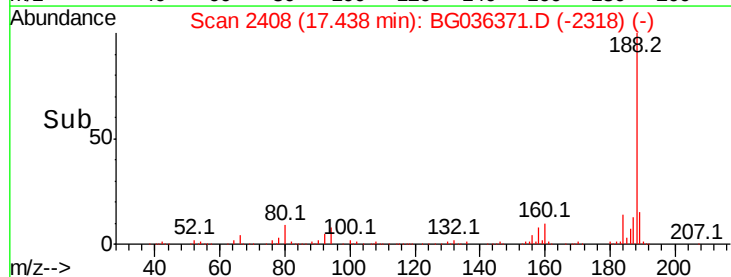
80 9.3 8.1 12.1

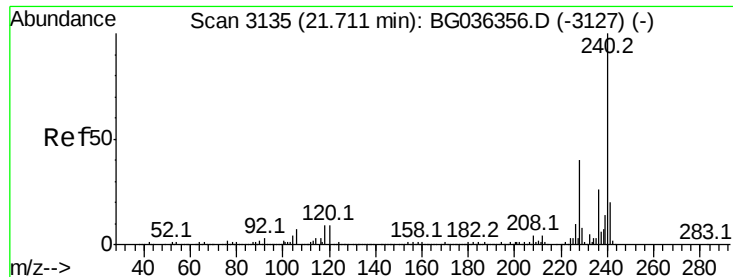


Abundance Ion 188.00 (187.70 to 188.70): E

300000 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: BG036371.D

Acq: 23 Aug 2018 9:36

Instrument :

BNA_G

ClientSampleId :

081618-DBRI-E-D-S

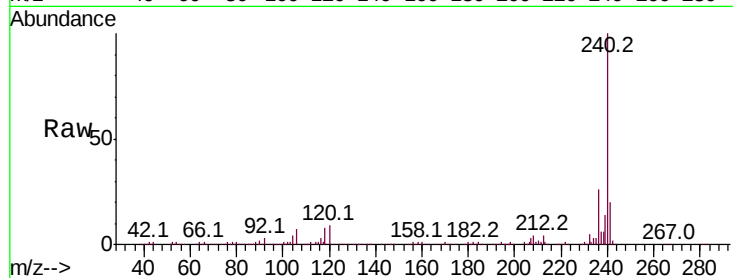
Tot Ion:240 Resp: 372980

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

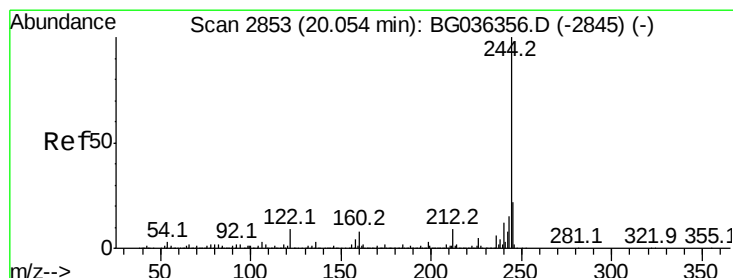
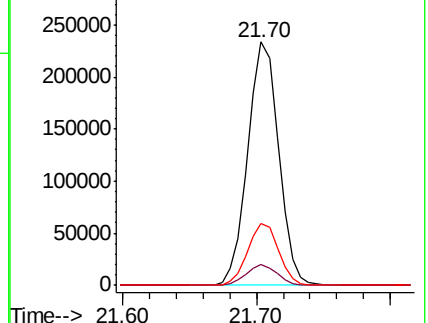
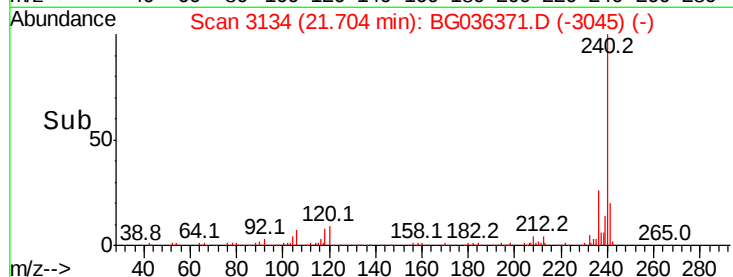
236 25.5 21.2 31.8



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: 92.330 ng

RT: 20.05 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG036371.D

Acq: 23 Aug 2018 9:36

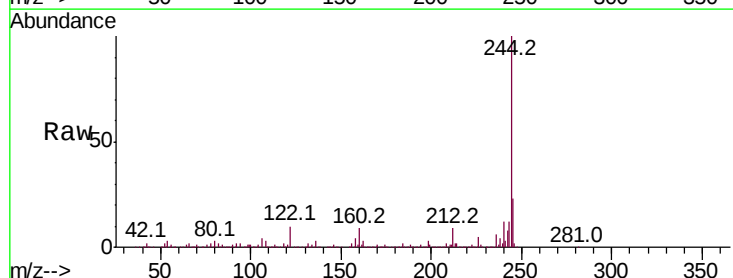
Tgt Ion:244 Resp: 1473346

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

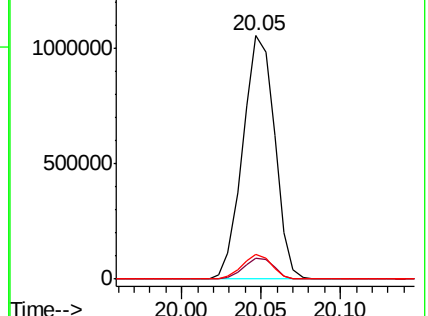
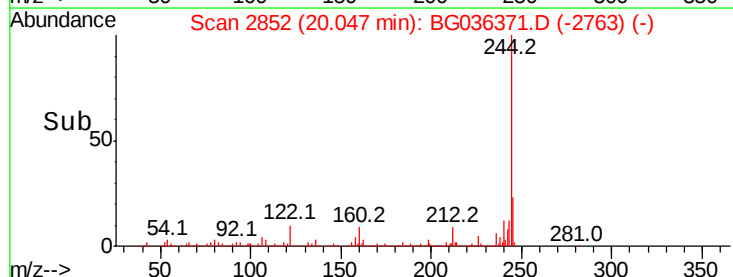
122 10.0 7.1 10.7

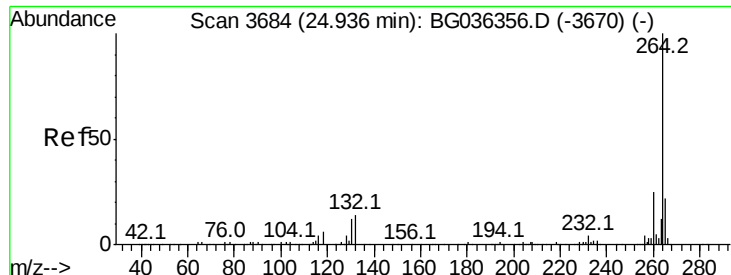


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG036371.D
 Acq: 23 Aug 2018 9:36

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

Tot Ion:264	Resp:	377743
Ion	Ratio	Lower Upper
264	100	
260	22.7	19.6 29.4
265	20.7	17.4 26.0

