

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036410.D
 Acq On : 24 Aug 2018 12:28
 Operator : JU/SJ
 Sample : J4568-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 081718-DBRI-E-U-B

Quant Time: Aug 24 13:42:56 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

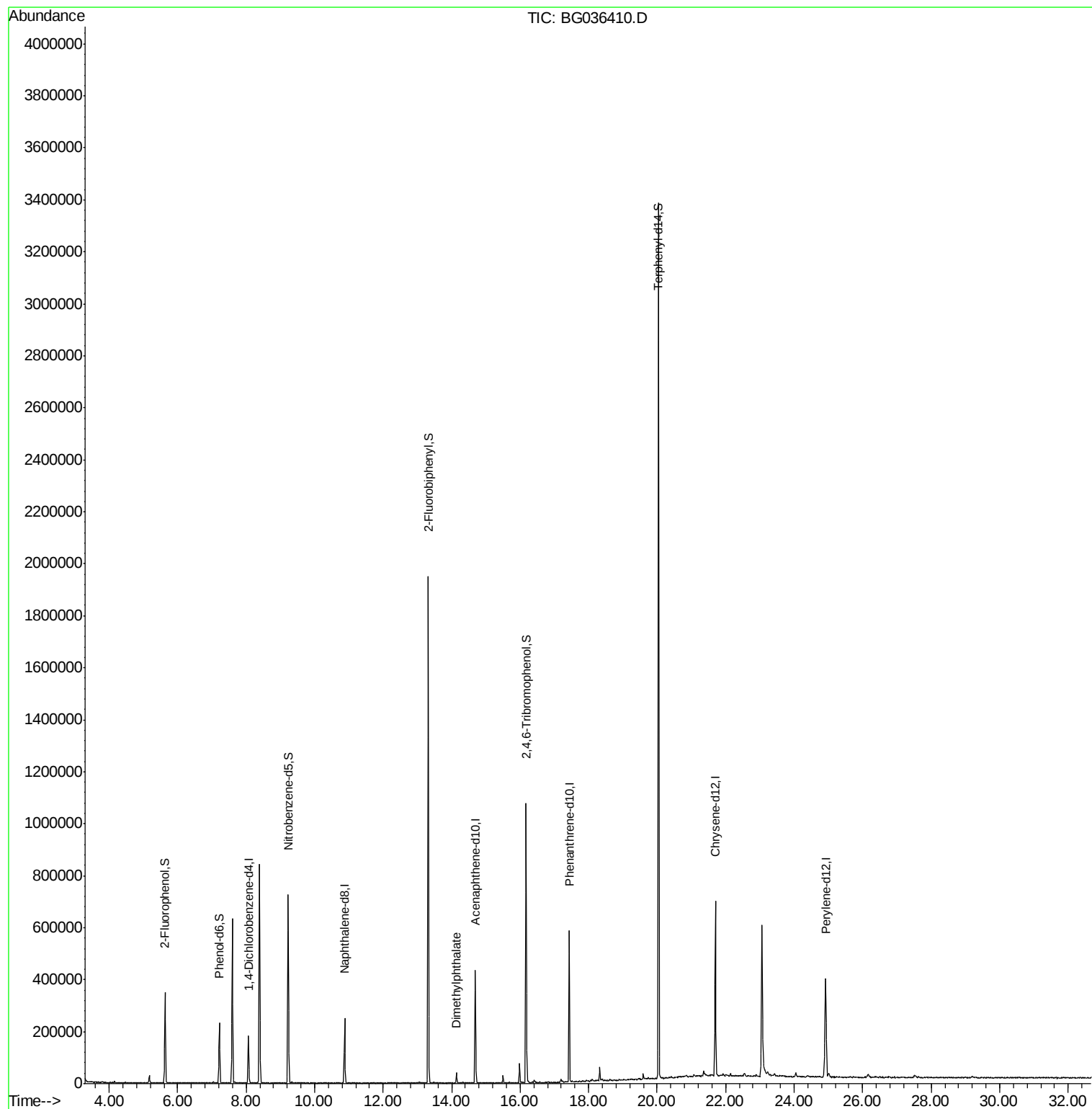
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	51695	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	211298	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	138722	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	361251	20.00	ng	0.00
75) Chrysene-d12	21.70	240	395091	20.00	ng	-0.01
86) Perylene-d12	24.92	264	407831	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	147531	45.27	ng	0.00
7) Phenol-d6	7.21	99	129694	27.80	ng	0.00
23) Nitrobenzene-d5	9.22	82	430054	110.43	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	195121	117.88	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1004592	103.40	ng	0.00
78) Terphenyl-d14	20.04	244	1549561	91.67	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.14	163	25936	2.290	ng	96

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

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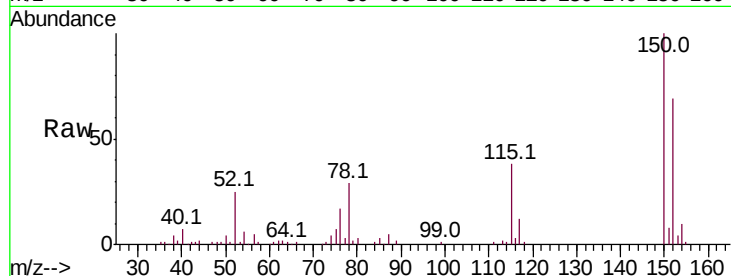


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG036410.D
 Acq: 24 Aug 2018 12:28

Instrument :
 BNA_G
 ClientSampleId :
 081718-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.5	119.5	179.3
115	54.7	44.5	66.7

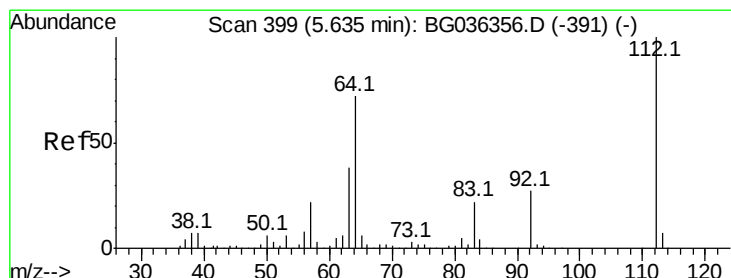
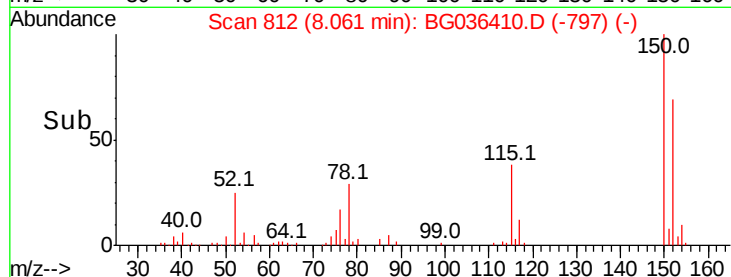
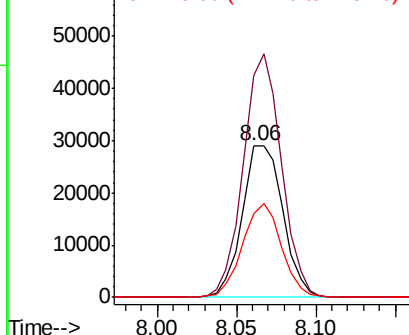


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

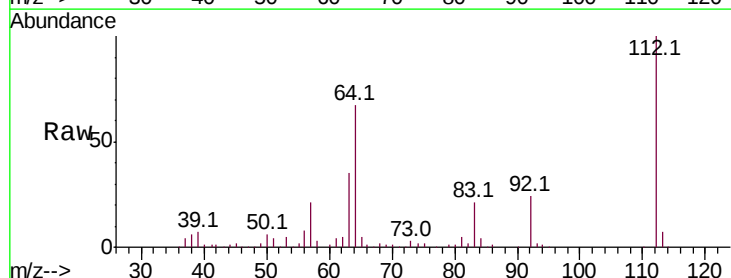
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 45.271 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG036410.D
 Acq: 24 Aug 2018 12:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.9	57.2	85.8
63	35.2	30.8	46.2

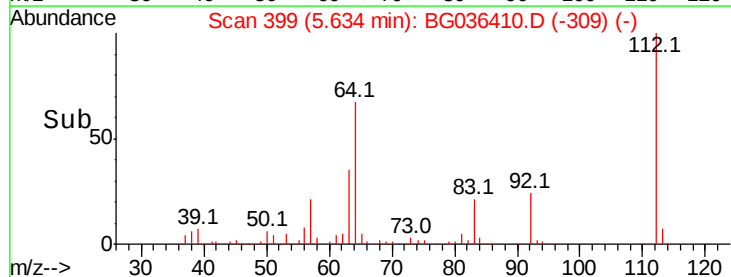
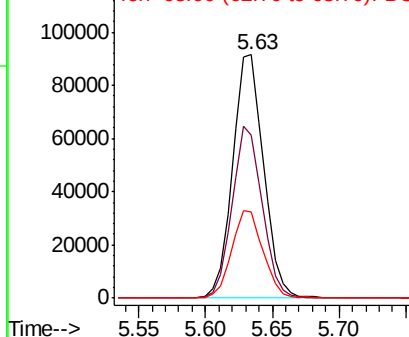


Abundance

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: 27.796 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036410.D

Acq: 24 Aug 2018 12:28

Instrument :

BNA_G

ClientSampleId :

081718-DBRI-E-U-B

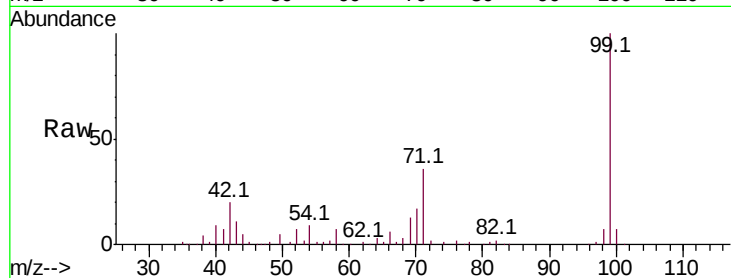
Tot Ion: 99 Resp: 129694

Ion Ratio Lower Upper

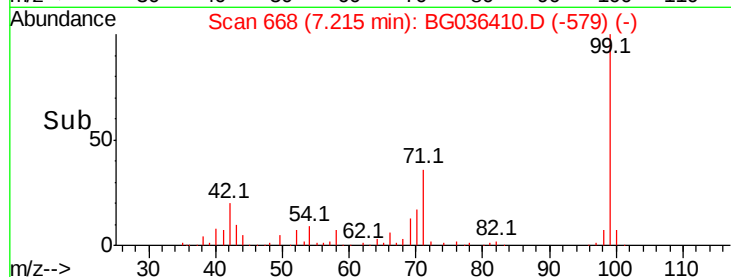
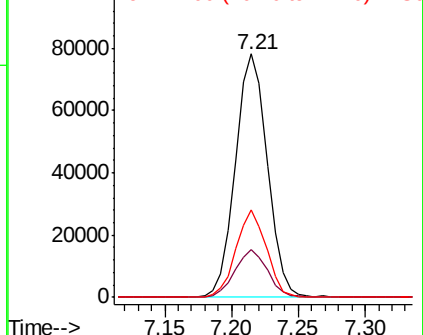
99 100

42 19.5 16.5 24.7

71 35.9 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: BG036410.D

Acq: 24 Aug 2018 12:28

Tgt Ion: 136 Resp: 211298

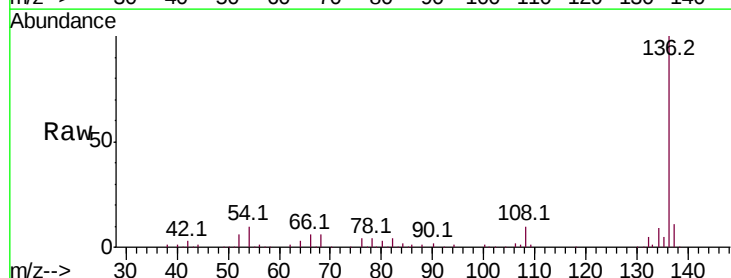
Ion Ratio Lower Upper

136 100

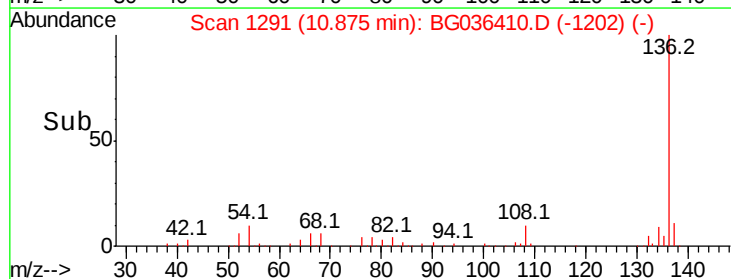
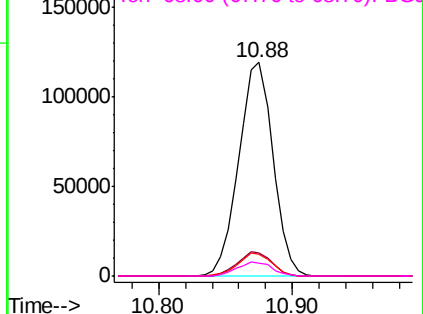
137 11.1 8.8 13.2

54 10.0 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

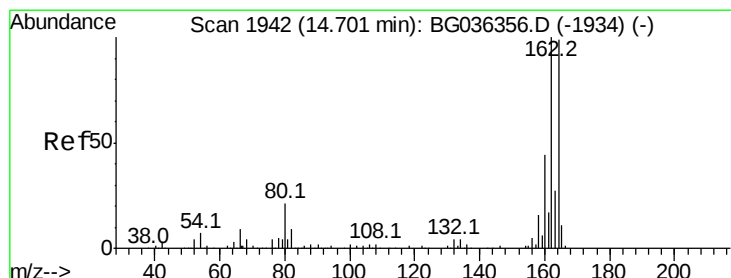
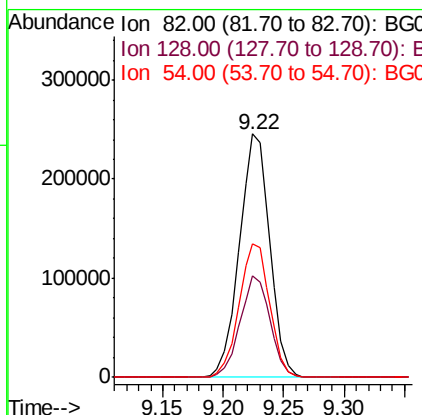
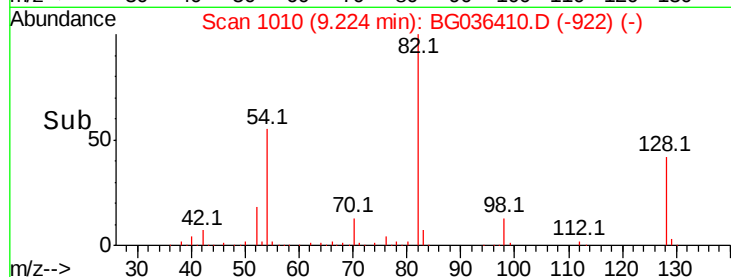
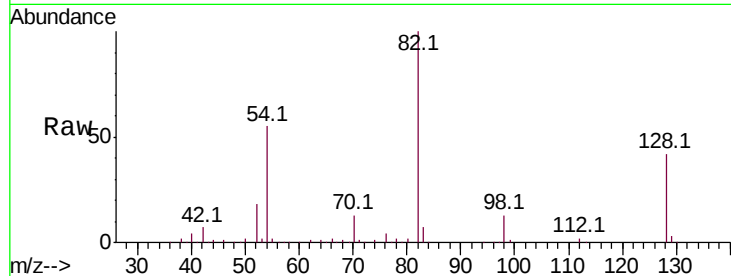




#23
 Nitrobenzene-d5
 Concen: 110.428 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG036410.D
 Acq: 24 Aug 2018 12:28

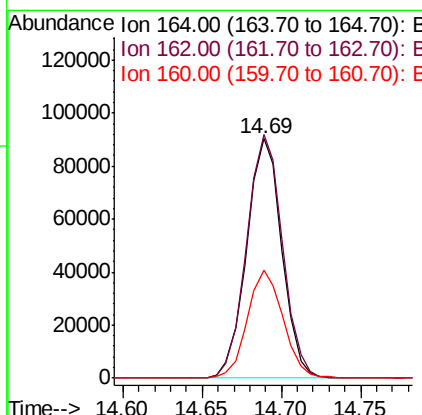
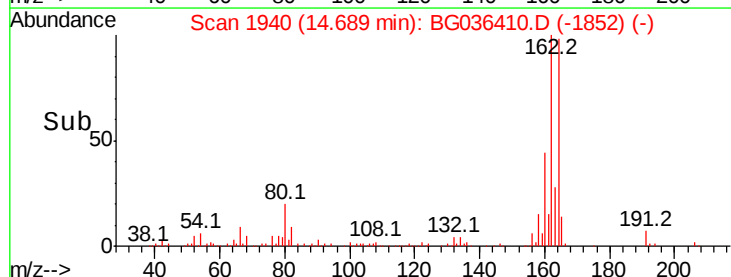
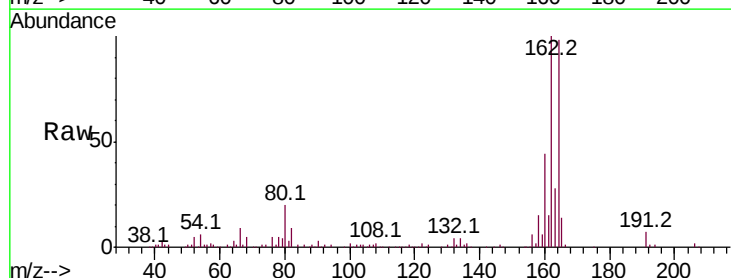
Instrument :
 BNA_G
 ClientSampleId :
 081718-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.3	49.9
54	55.0	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: BG036410.D
 Acq: 24 Aug 2018 12:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.7	121.1
160	45.2	35.3	52.9

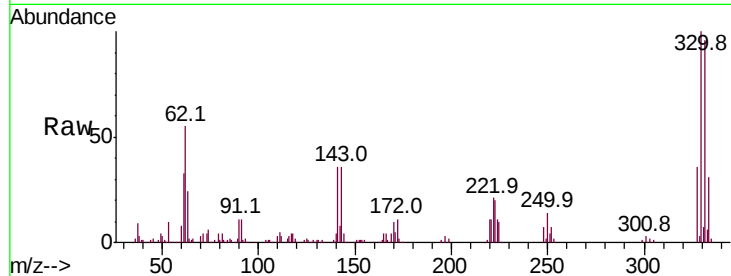




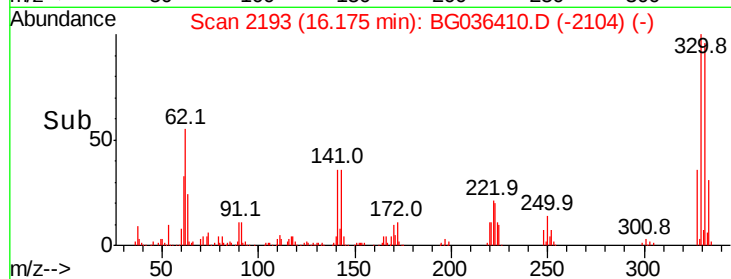
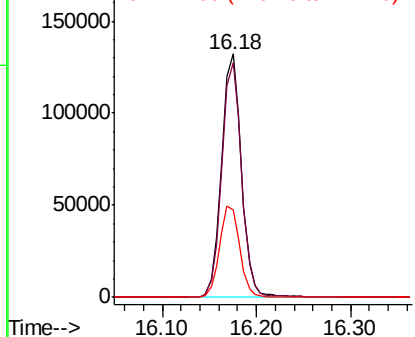
#41
 2,4,6-Tribromophenol
 Concen: 117.879 ng
 RT: 16.18 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036410.D
 Acq: 24 Aug 2018 12:28

Instrument :
 BNA_G
 ClientSampleId :
 081718-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.4	113.2
141	38.2	30.7	46.1

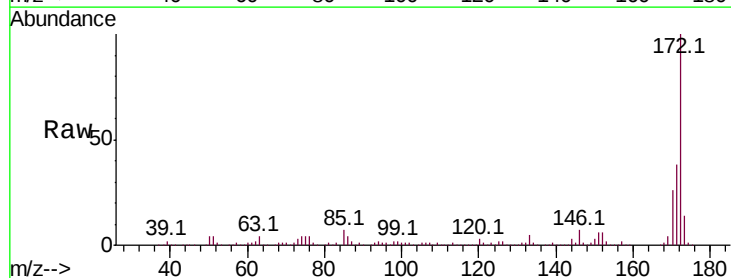


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

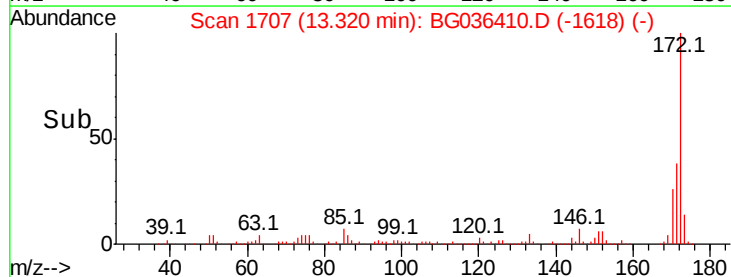
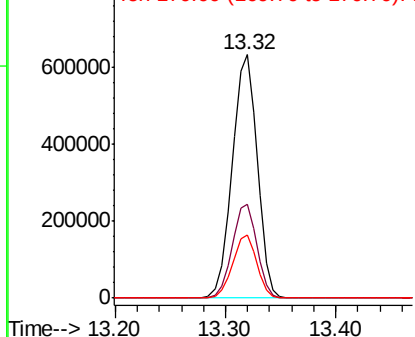


#44
 2-Fluorobiphenyl
 Concen: 103.399 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036410.D
 Acq: 24 Aug 2018 12:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	25.9	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: 2.290 ng

RT: 14.14 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BG036410.D

Acq: 24 Aug 2018 12:28

Instrument :

BNA_G

ClientSampleId :

081718-DBRI-E-U-B

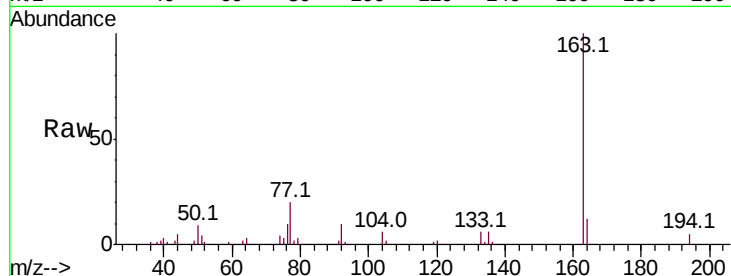
Tot Ion:163 Resp: 25936

Ion Ratio Lower Upper

163 100

194 5.4 4.0 6.0

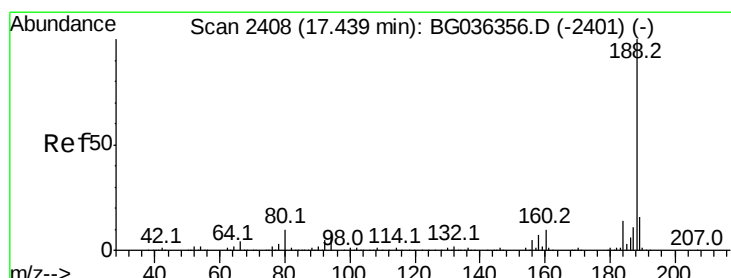
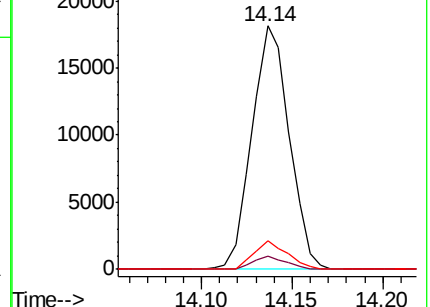
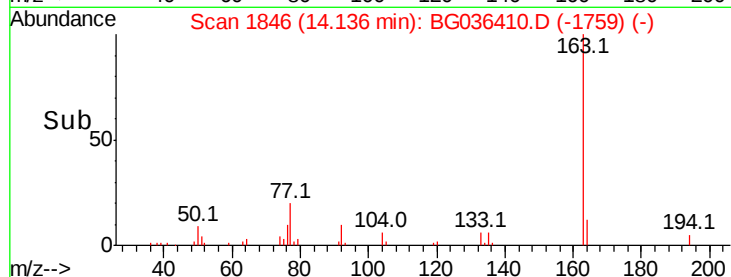
164 12.0 8.1 12.1



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: BG036410.D

Acq: 24 Aug 2018 12:28

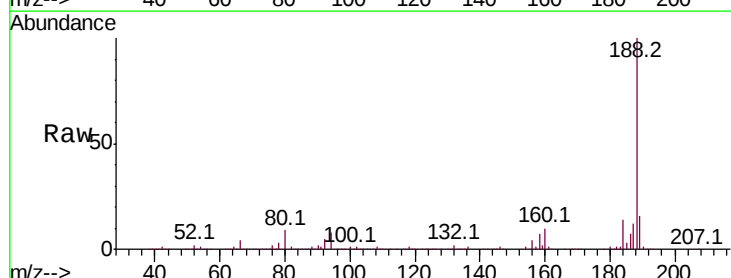
Tgt Ion:188 Resp: 361251

Ion Ratio Lower Upper

188 100

94 7.7 6.7 10.1

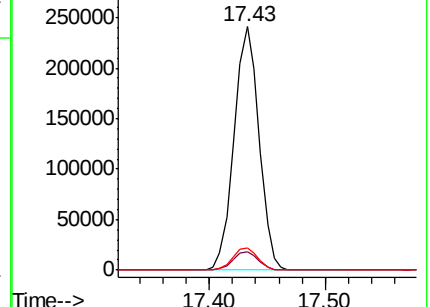
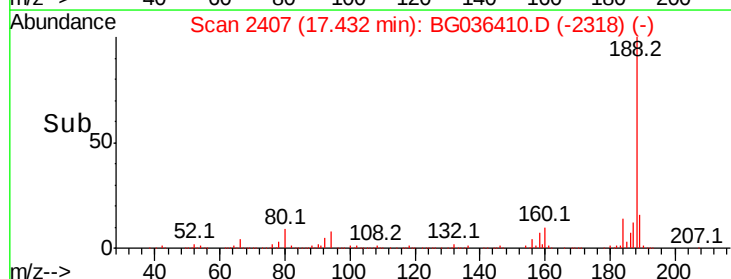
80 8.9 8.1 12.1

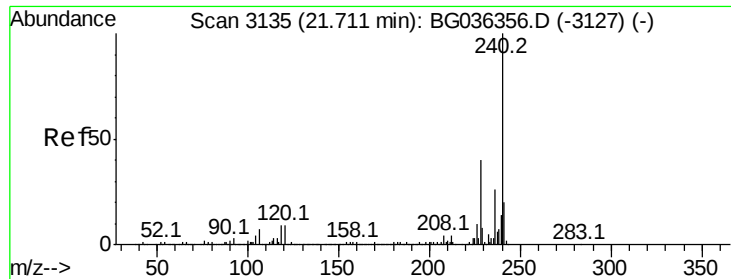


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG036410.D

Acq: 24 Aug 2018 12:28

Instrument :

BNA_G

ClientSampleId :

081718-DBRI-E-U-B

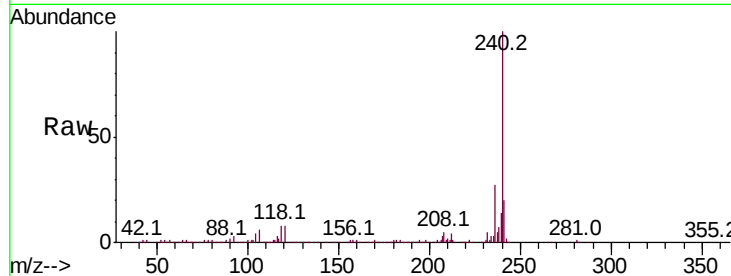
Tot Ion:240 Resp: 395091

Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

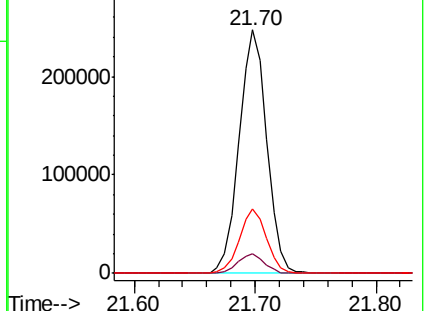
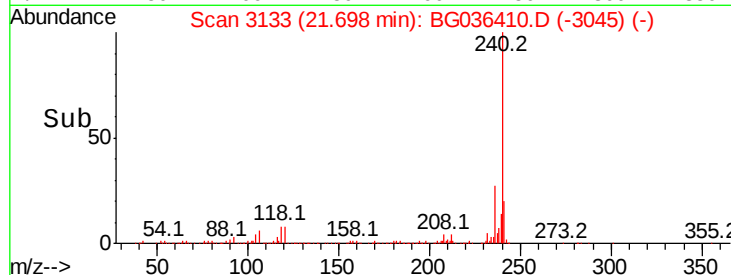
236 26.7 21.2 31.8



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: 91.671 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036410.D

Acq: 24 Aug 2018 12:28

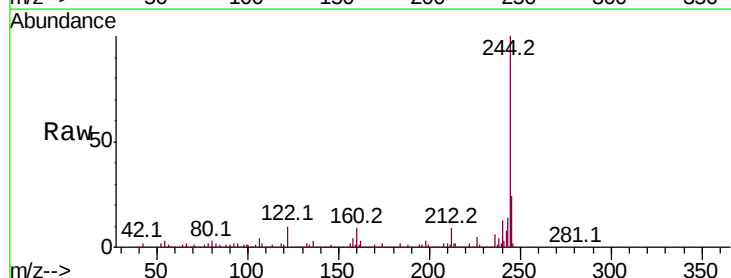
Tgt Ion:244 Resp: 1549561

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

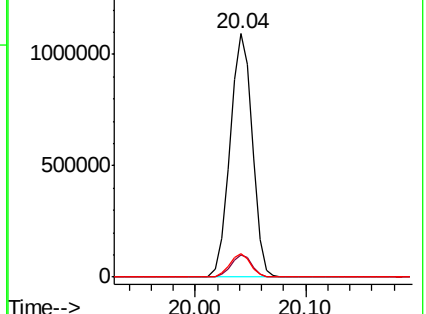
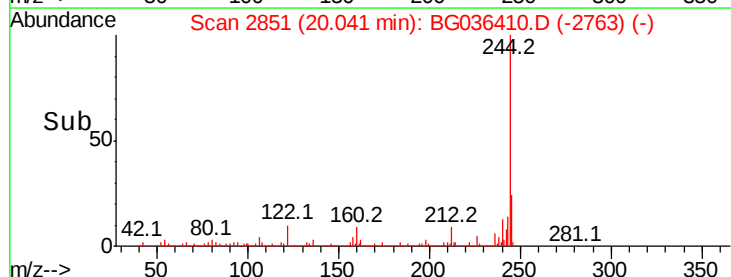
122 9.6 7.1 10.7

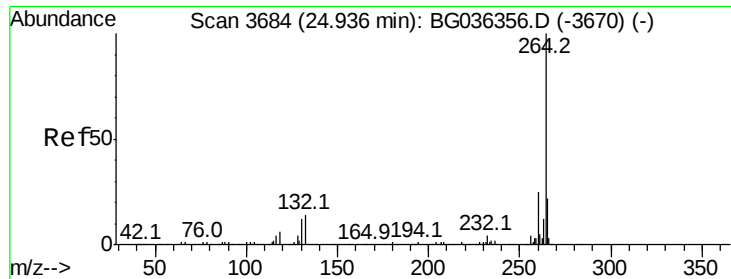


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG036410.D
 Acq: 24 Aug 2018 12:28

Instrument :
 BNA_G
 ClientSampleId :
 081718-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	22.1	17.4	26.0

