

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036429.D
 Acq On : 27 Aug 2018 13:28
 Operator : JU/SJ
 Sample : J4612-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR200027

Quant Time: Aug 27 14:13:56 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

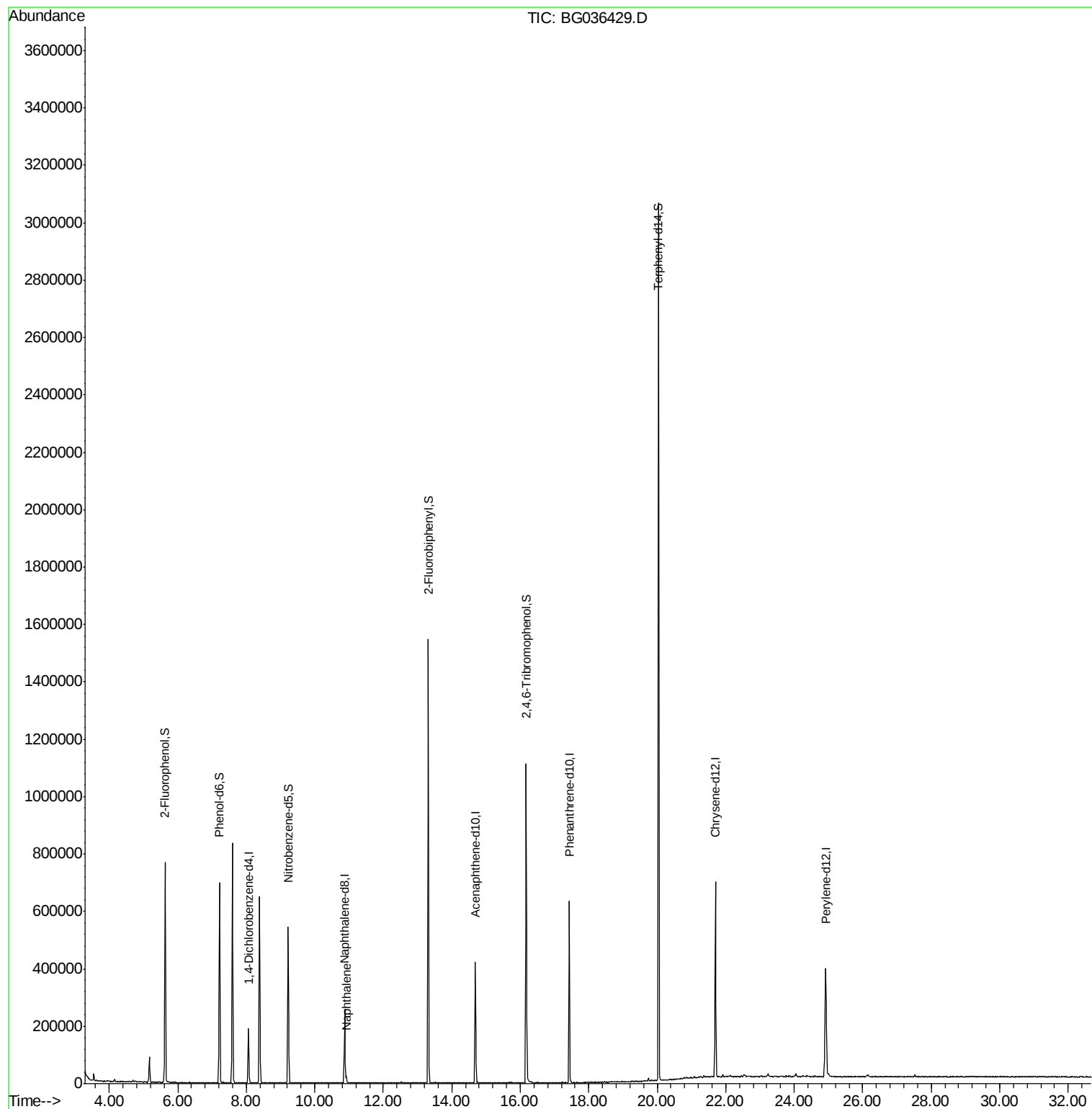
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	52160	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	218422	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	148009	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	391529	20.00	ng	0.00
75) Chrysene-d12	21.70	240	422284	20.00	ng	0.00
86) Perylene-d12	24.92	264	419761	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	316972	96.40	ng	0.00
7) Phenol-d6	7.22	99	387049	82.21	ng	0.00
23) Nitrobenzene-d5	9.22	82	320426	79.59	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	199950	113.22	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	776603	74.92	ng	0.00
78) Terphenyl-d14	20.04	244	1419773	78.58	ng	-0.02
Target Compounds						
31) Naphthalene	10.93	128	23370	2.140	ng	Qvalue 98

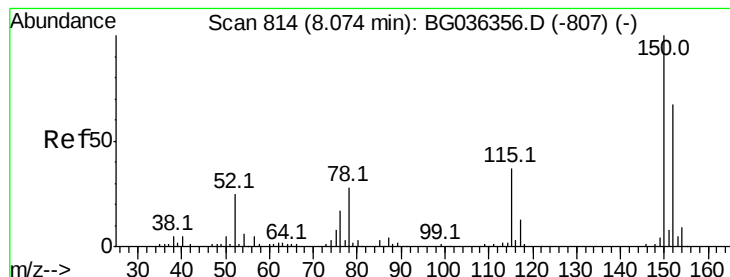
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG036429.D

Acq: 27 Aug 2018 13:28

Instrument :

BNA_G

ClientSampleId :

RBR200027

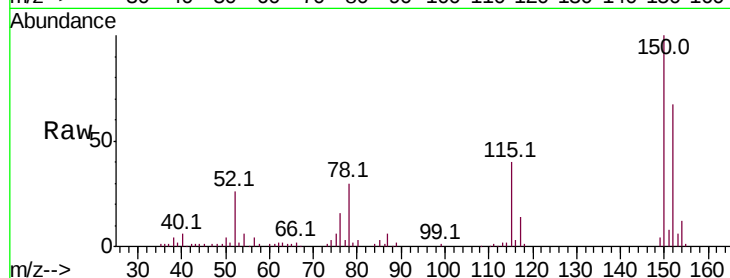
Tot Ion:152 Resp: 52160

Ion Ratio Lower Upper

152 100

150 148.8 119.5 179.3

115 60.2 44.5 66.7

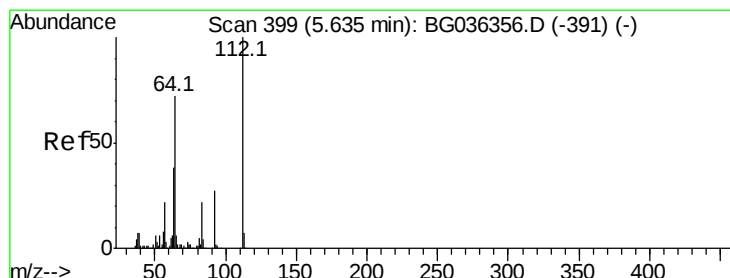
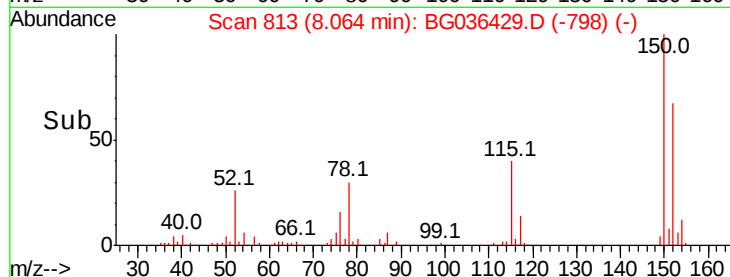
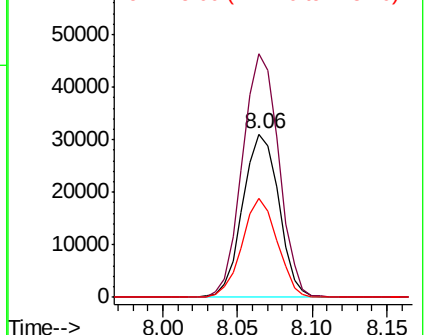


Abundance

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: 96.398 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG036429.D

Acq: 27 Aug 2018 13:28

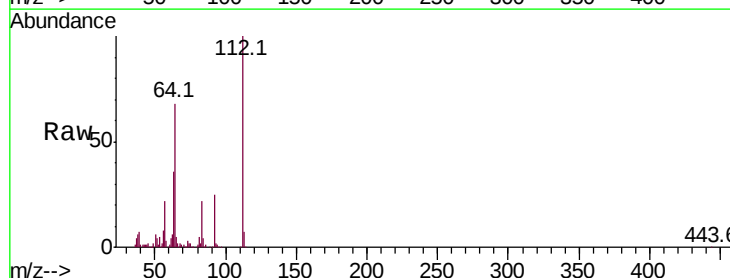
Tgt Ion:112 Resp: 316972

Ion Ratio Lower Upper

112 100

64 68.2 57.2 85.8

63 36.3 30.8 46.2

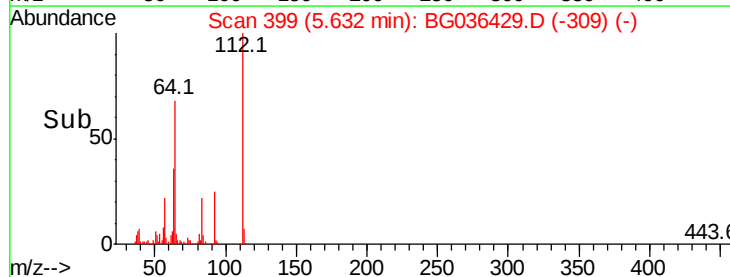
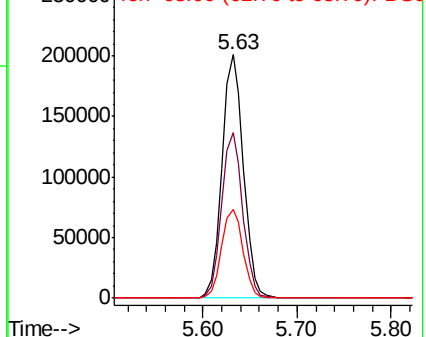


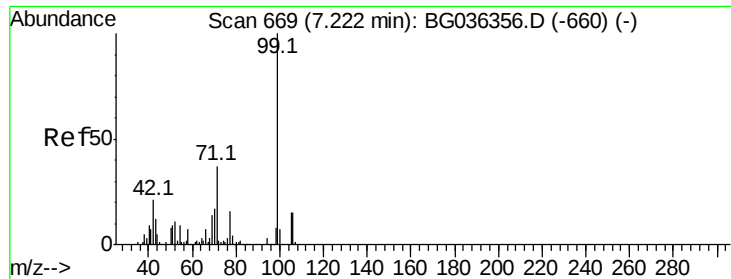
Abundance

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: 82.214 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036429.D

Acq: 27 Aug 2018 13:28

Instrument :

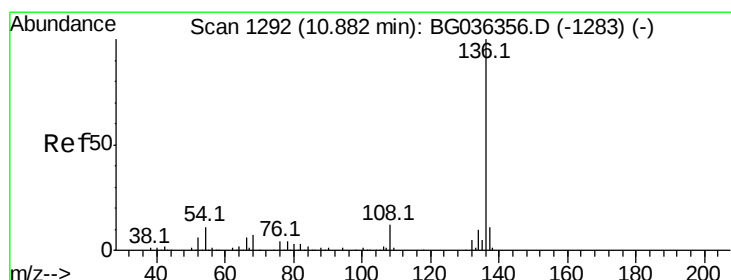
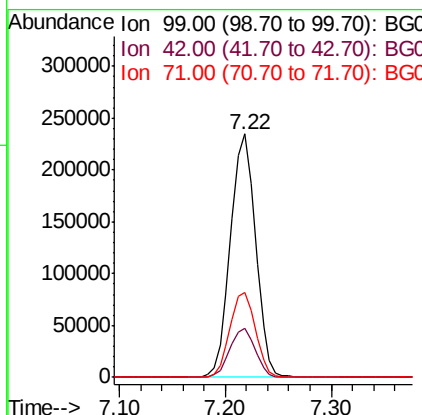
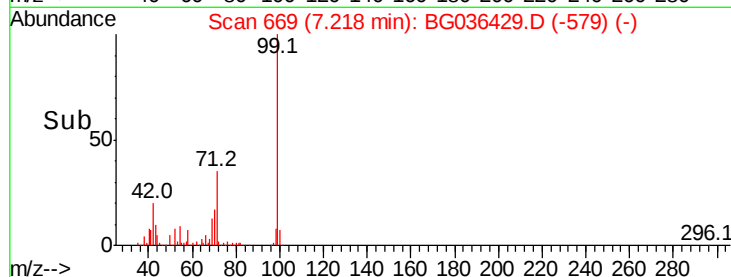
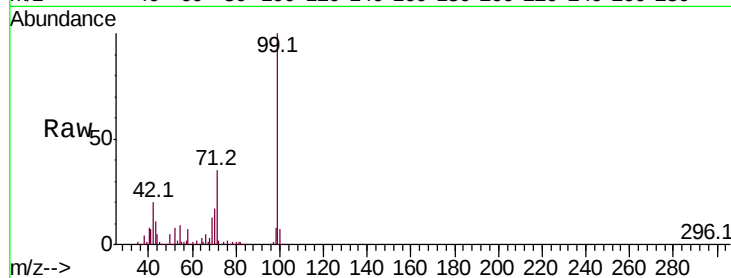
BNA_G

ClientSampleId :

RBR200027

Tot Ion: 99 Resp: 387049

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.5	24.7
71	34.8	29.4	44.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1291

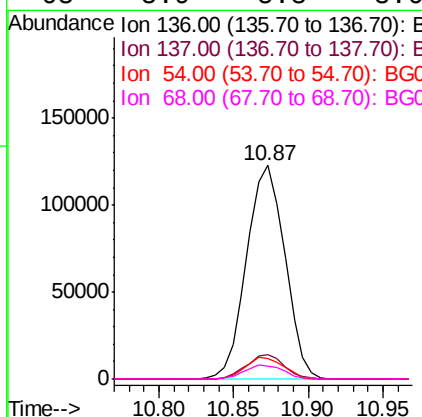
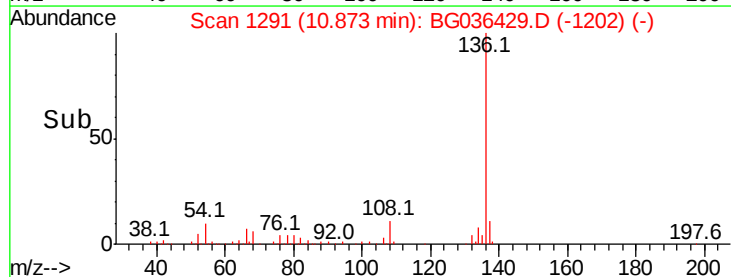
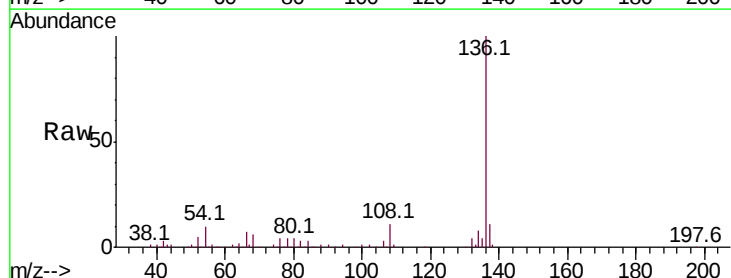
Delta R.T. -0.01 min

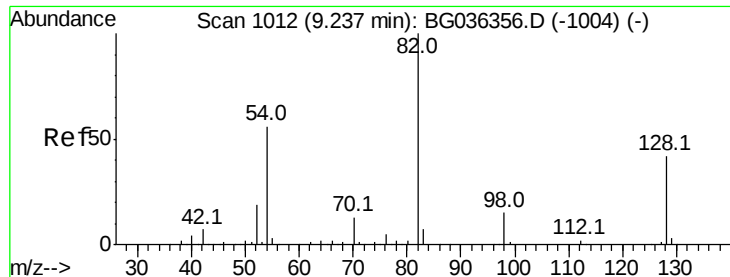
Lab File: BG036429.D

Acq: 27 Aug 2018 13:28

Tgt Ion: 136 Resp: 218422

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.6	9.2	13.8
68	5.9	5.8	8.6

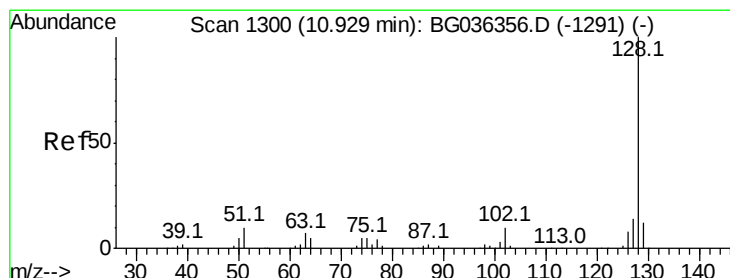
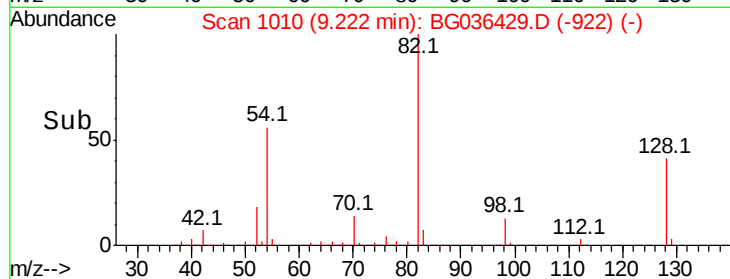
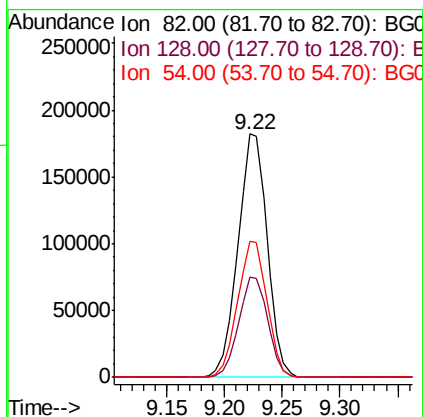
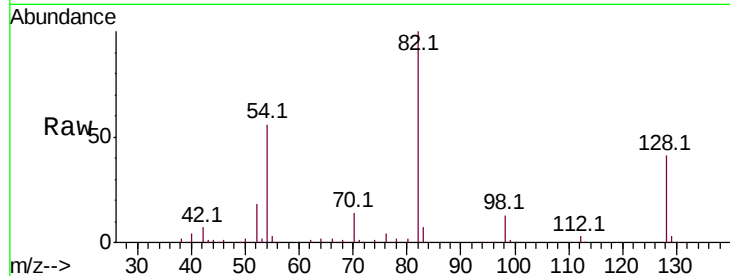




#23
Nitrobenzene-d5
Concen: 79.595 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG036429.D
Acq: 27 Aug 2018 13:28

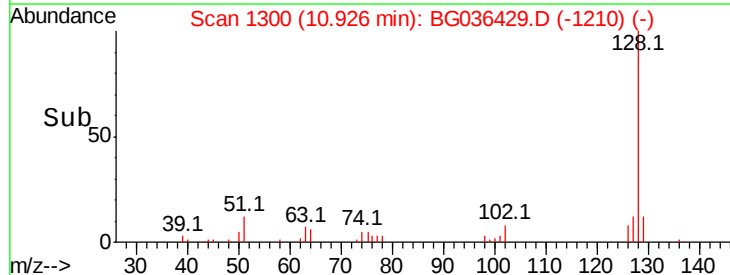
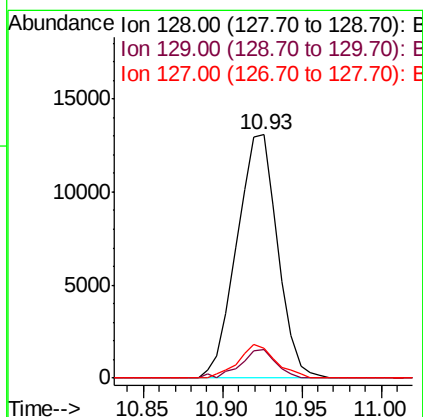
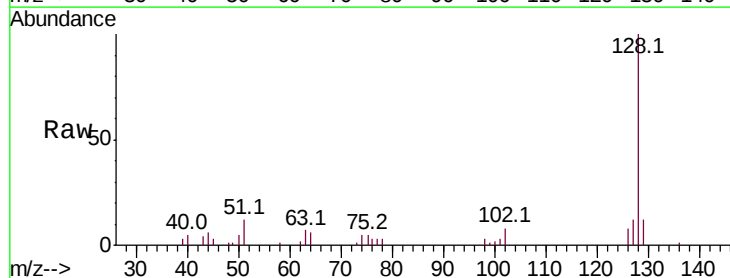
Instrument :
BNA_G
ClientSampleId :
RBR200027

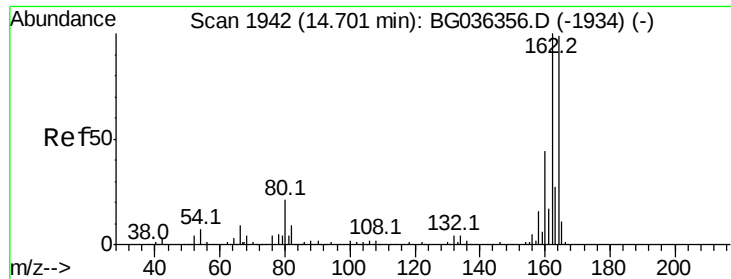
Tot Ion: 82 Resp: 320426
Ion Ratio Lower Upper
82 100
128 41.2 33.3 49.9
54 55.9 45.1 67.7



#31
Naphthalene
Concen: 2.140 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG036429.D
Acq: 27 Aug 2018 13:28

Tgt Ion:128 Resp: 23370
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.2
127 12.2 11.0 16.4

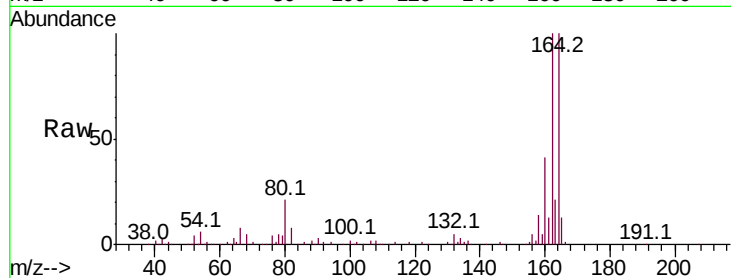




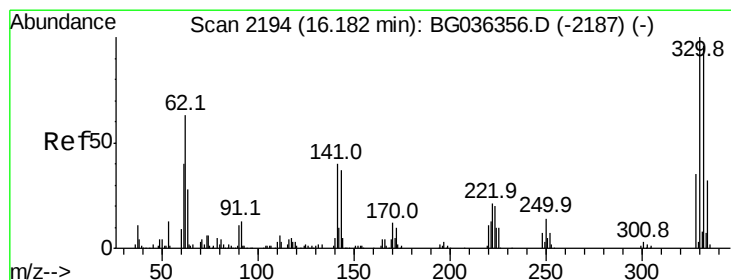
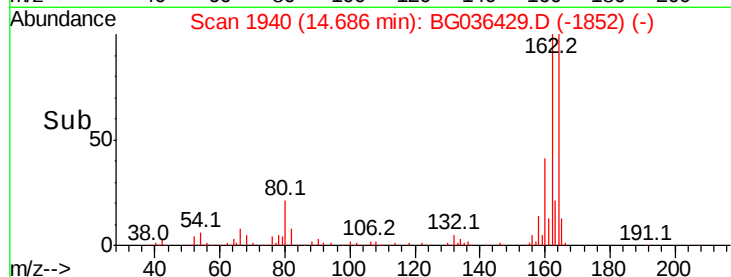
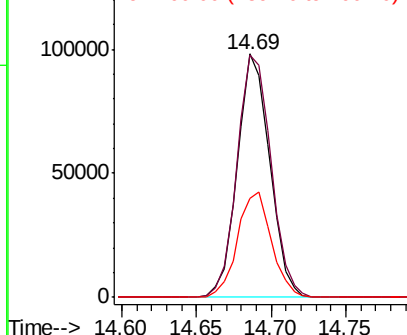
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.02 min
Lab File: BG036429.D
Acq: 27 Aug 2018 13:28

Instrument :
BNA_G
ClientSampleId :
RBR200027

Tot Ion:164 Resp: 148009
Ion Ratio Lower Upper
164 100
162 99.5 80.7 121.1
160 40.9 35.3 52.9

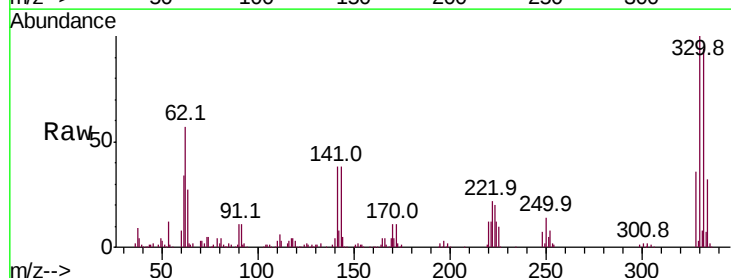


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

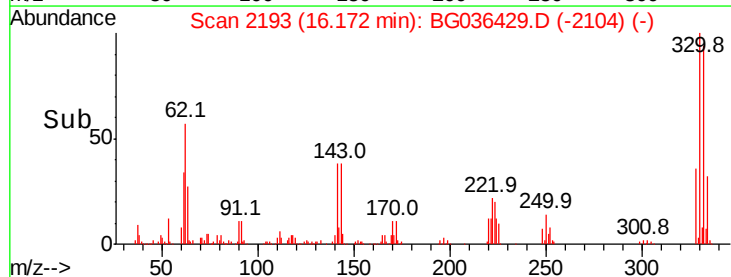
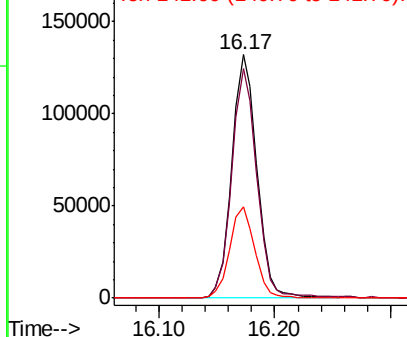


#41
2,4,6-Tribromophenol
Concen: 113.217 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG036429.D
Acq: 27 Aug 2018 13:28

Tgt Ion:330 Resp: 199950
Ion Ratio Lower Upper
330 100
332 94.6 75.4 113.2
141 37.7 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

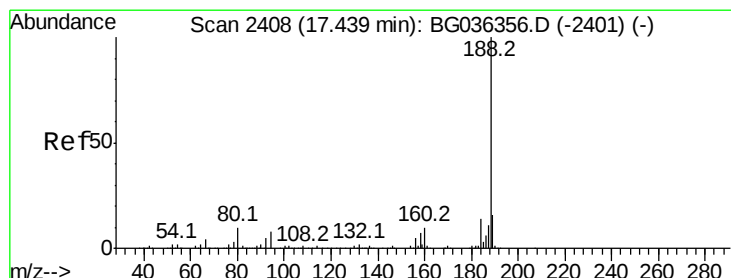
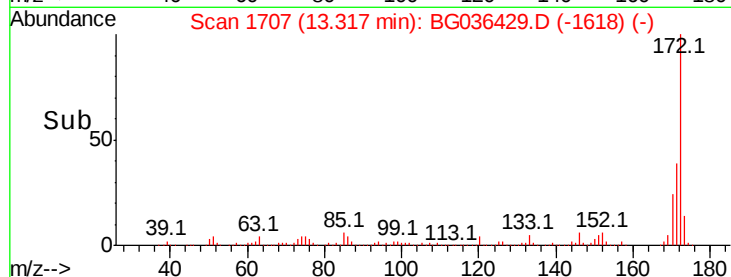
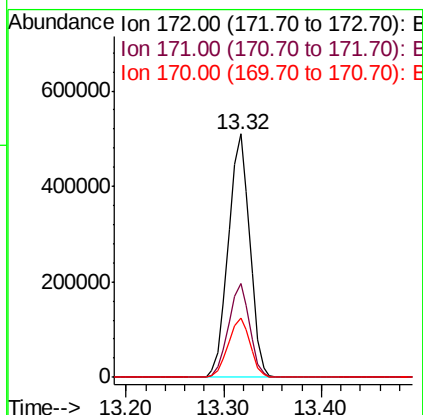
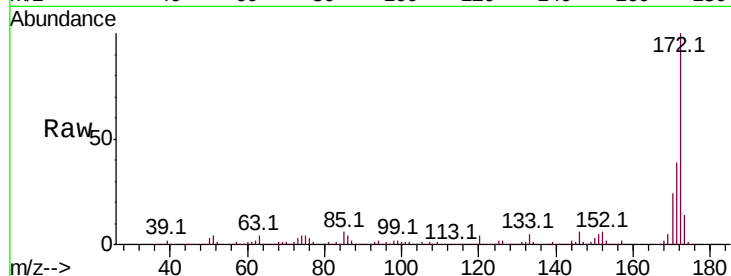




#44
 2-Fluorobiphenyl
 Concen: 74.918 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036429.D
 Acq: 27 Aug 2018 13:28

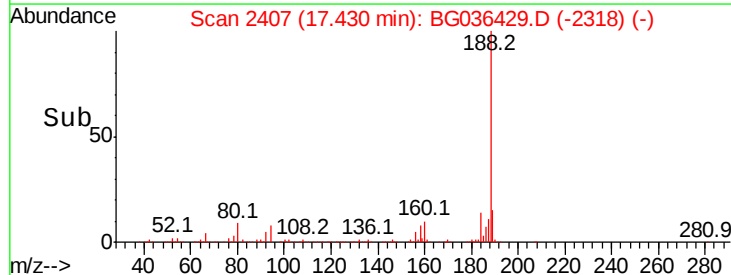
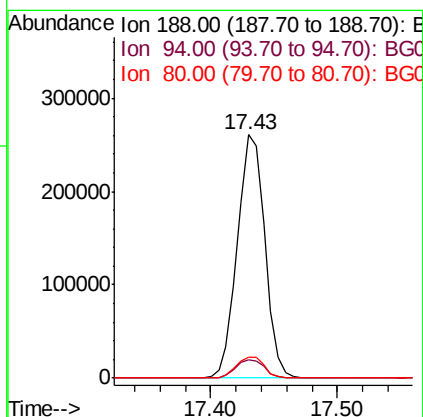
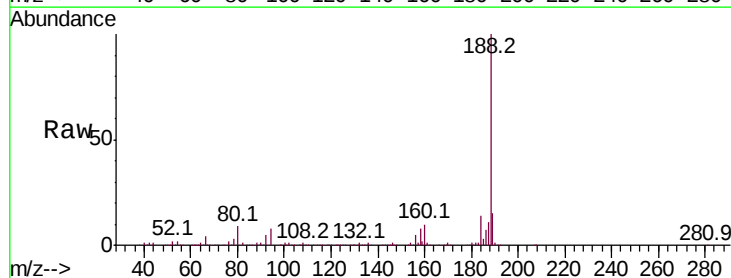
Instrument :
 BNA_G
 ClientSampleId :
 RBR200027

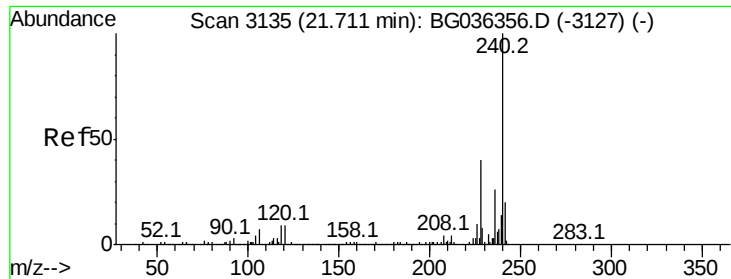
Tot Ion:172 Resp: 776603
 Ion Ratio Lower Upper
 172 100
 171 38.7 31.3 46.9
 170 24.3 21.0 31.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036429.D
 Acq: 27 Aug 2018 13:28

Tgt Ion:188 Resp: 391529
 Ion Ratio Lower Upper
 188 100
 94 7.5 6.7 10.1
 80 8.7 8.1 12.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG036429.D

Acq: 27 Aug 2018 13:28

Instrument :

BNA_G

ClientSampleId :

RBR200027

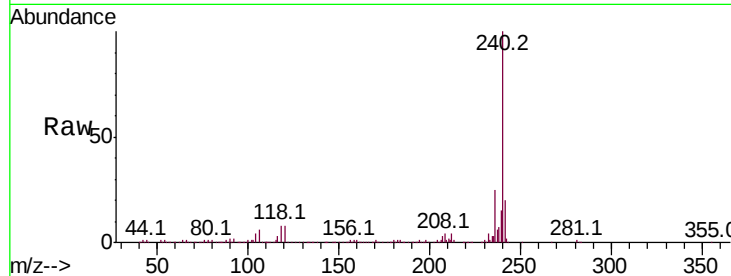
Tot Ion:240 Resp: 422284

Ion Ratio Lower Upper

240 100

120 7.6 6.9 10.3

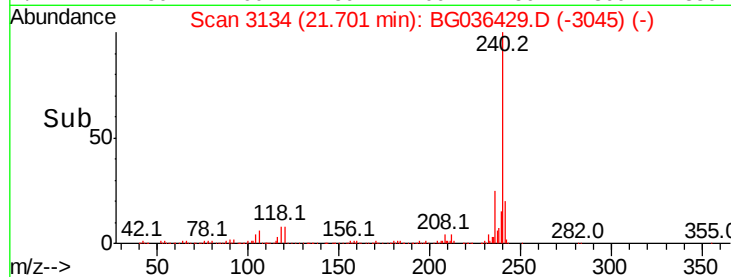
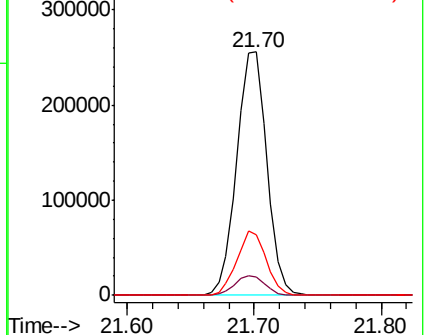
236 25.1 21.2 31.8



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: 78.584 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BG036429.D

Acq: 27 Aug 2018 13:28

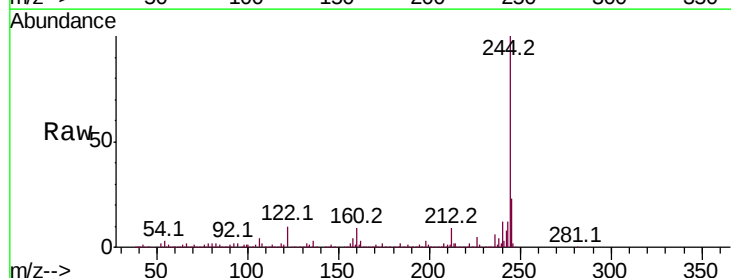
Tgt Ion:244 Resp: 1419773

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

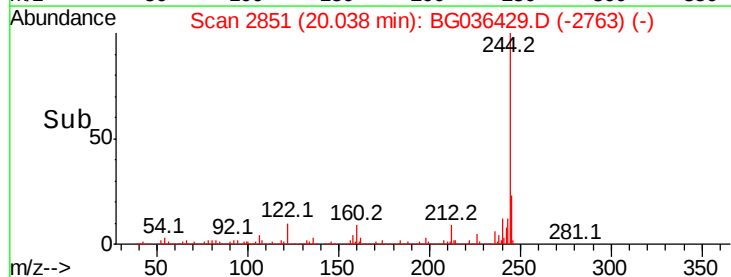
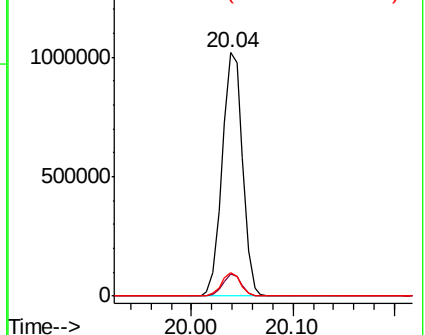
122 9.9 7.1 10.7

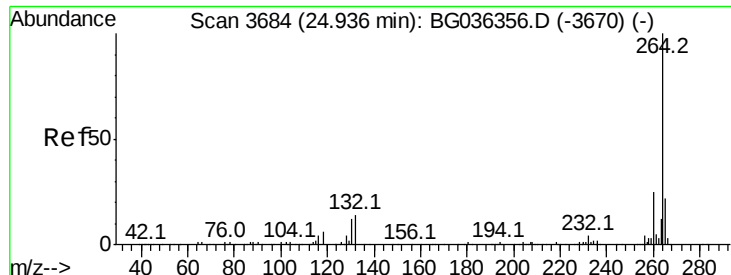


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.92 min Scan# 3681
 Delta R.T. -0.02 min
 Lab File: BG036429.D
 Acq: 27 Aug 2018 13:28

Instrument :
 BNA_G
 ClientSampleId :
 RBR200027

Tot Ion:264	Resp:	419761
Ion	Ratio	Lower Upper
264	100	
260	22.3	19.6 29.4
265	21.1	17.4 26.0

