

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082518\
 Data File : BG036419.D
 Acq On : 24 Aug 2018 18:56
 Operator : JU/SJ
 Sample : PB112350BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112350BL

Quant Time: Aug 25 05:17:23 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	52367	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	222284	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	148189	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	402456	20.00	ng	0.00
75) Chrysene-d12	21.70	240	449635	20.00	ng	-0.01
86) Perylene-d12	24.91	264	448370	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	395807	119.90	ng	0.00
7) Phenol-d6	7.22	99	556743	117.79	ng	0.00
23) Nitrobenzene-d5	9.23	82	332644	81.19	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	248826	140.72	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	811897	78.23	ng	0.00
78) Terphenyl-d14	20.04	244	1536009	79.85	ng	-0.01

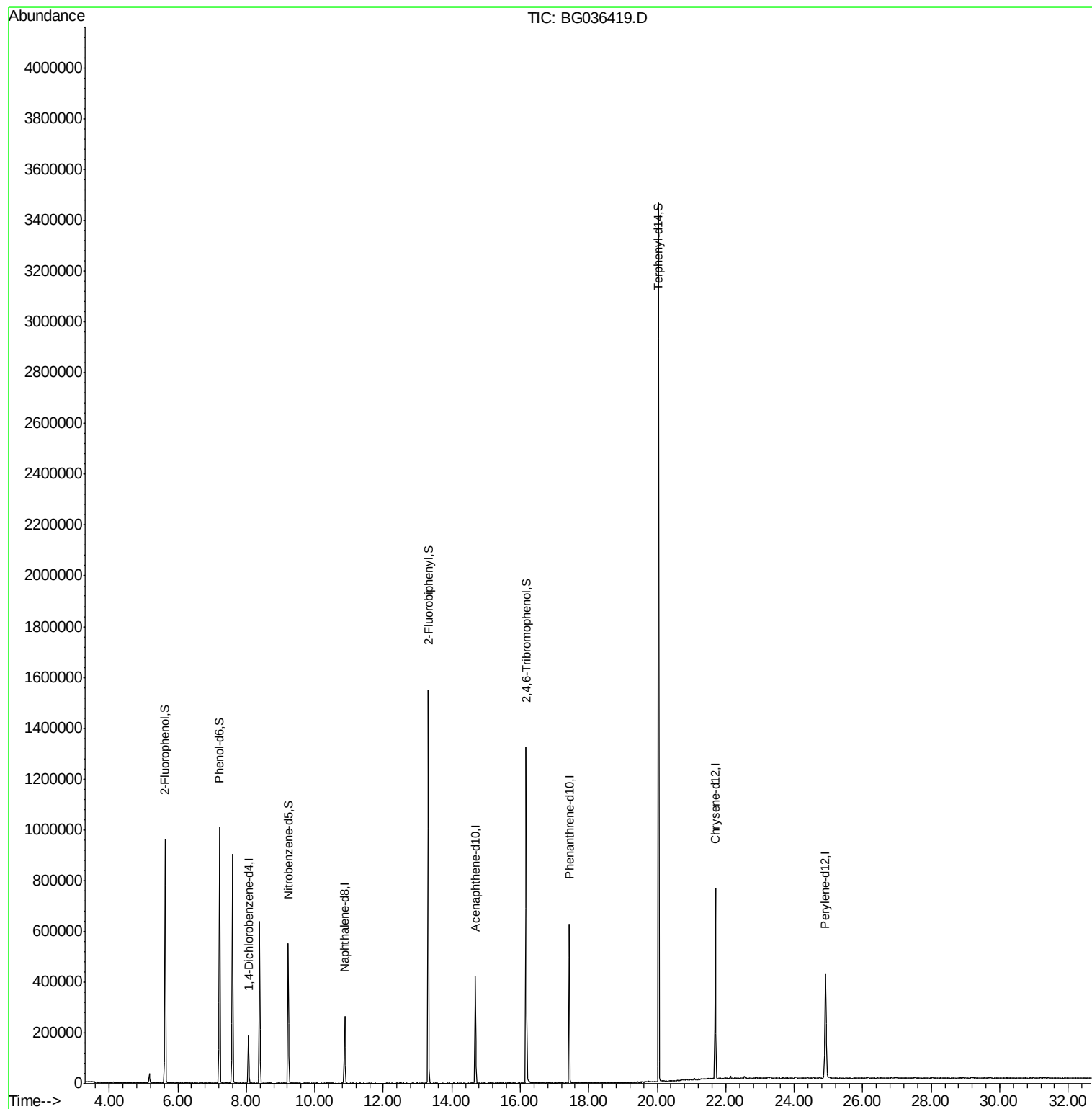
Target Compounds Qvalue

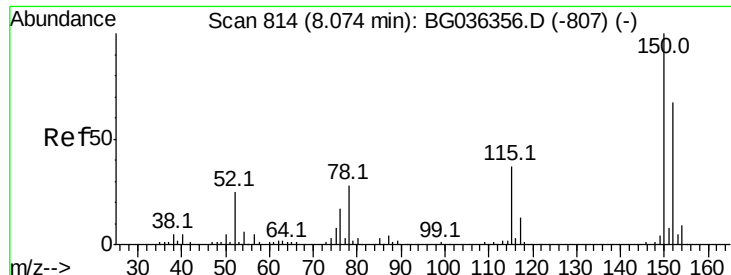
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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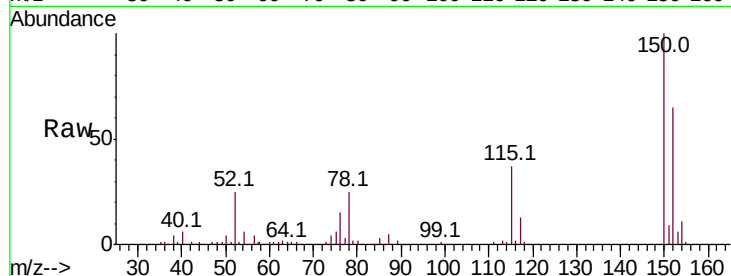


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG036419.D
 Acq: 24 Aug 2018 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB112350BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	119.5	179.3
115	57.6	44.5	66.7

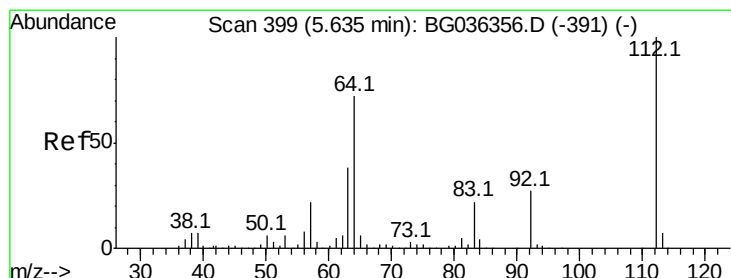
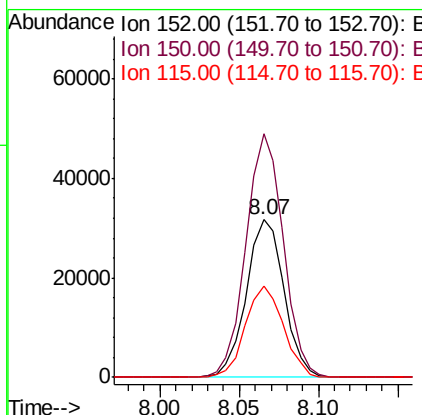
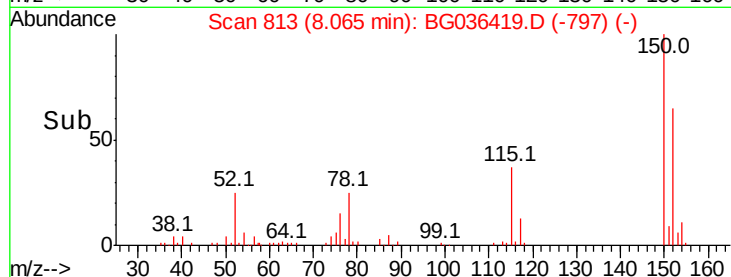


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

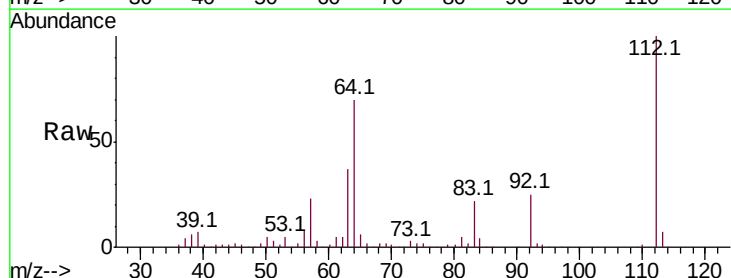
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 119.897 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG036419.D
 Acq: 24 Aug 2018 18:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	57.2	85.8
63	36.7	30.8	46.2

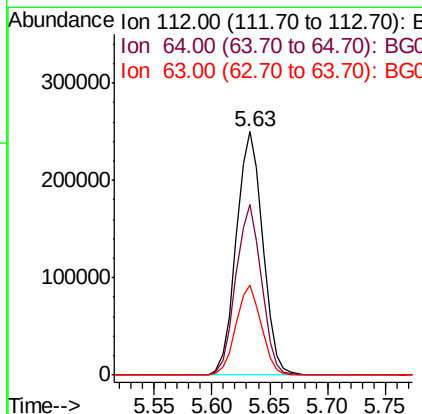
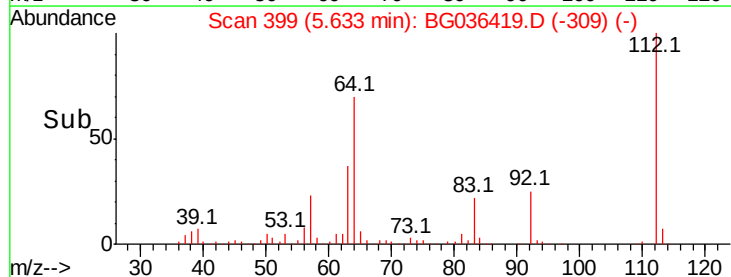


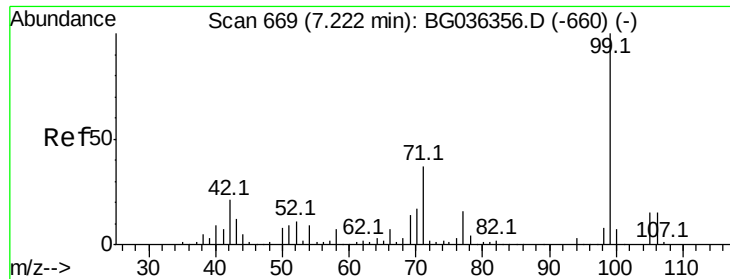
Abundance

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: 117.791 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036419.D

Acq: 24 Aug 2018 18:56

Instrument :

BNA_G

ClientSampleId :

PB112350BL

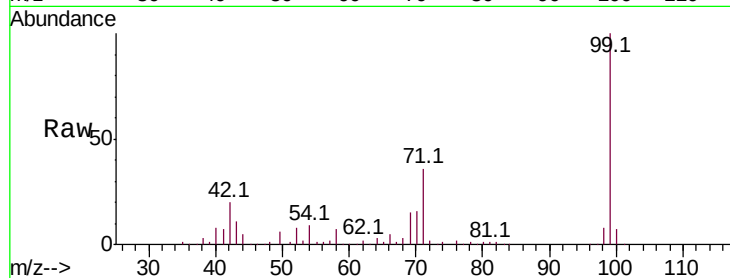
Tot Ion: 99 Resp: 556743

Ion Ratio Lower Upper

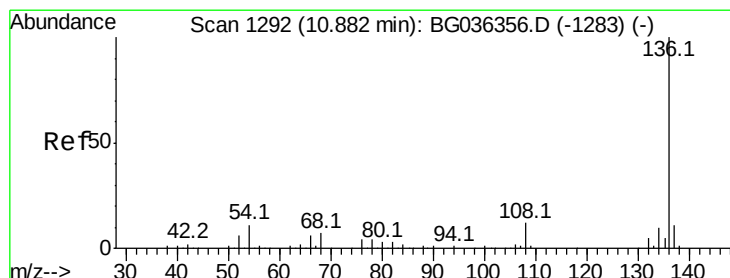
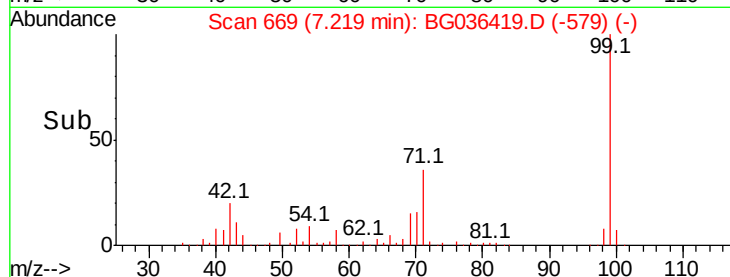
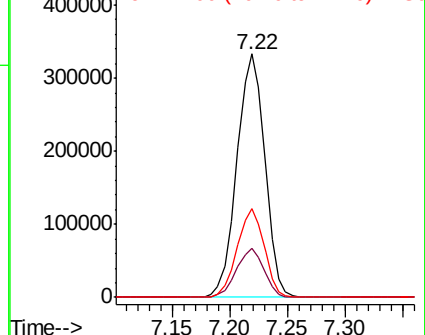
99 100

42 20.1 16.5 24.7

71 36.4 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: 10.87 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG036419.D

Acq: 24 Aug 2018 18:56

Tgt Ion: 136 Resp: 222284

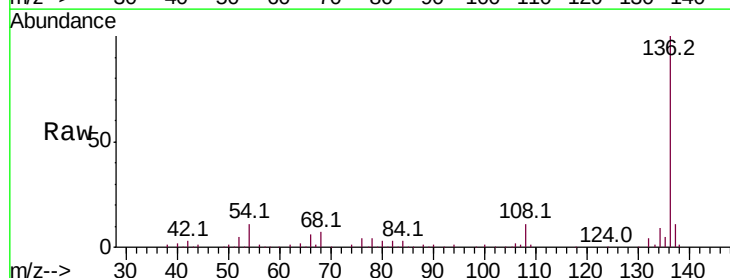
Ion Ratio Lower Upper

136 100

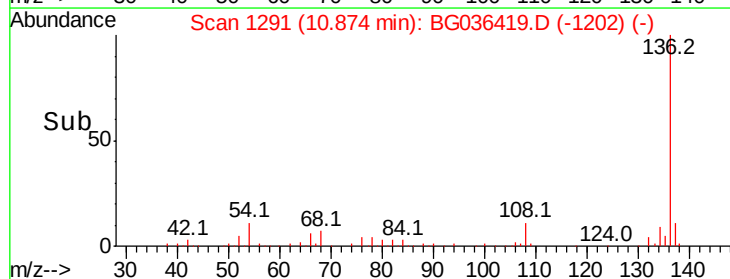
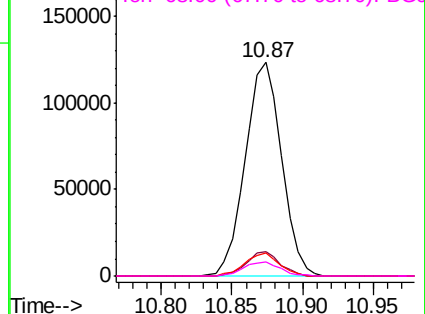
137 11.3 8.8 13.2

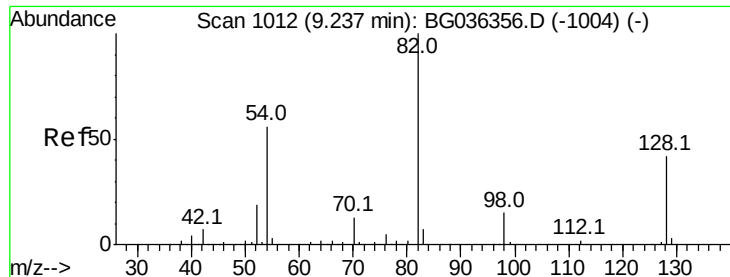
54 10.8 9.2 13.8

68 6.6 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

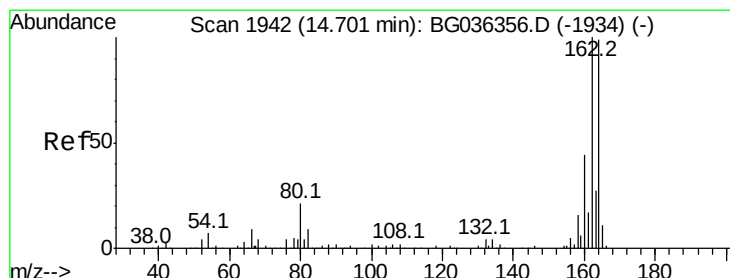
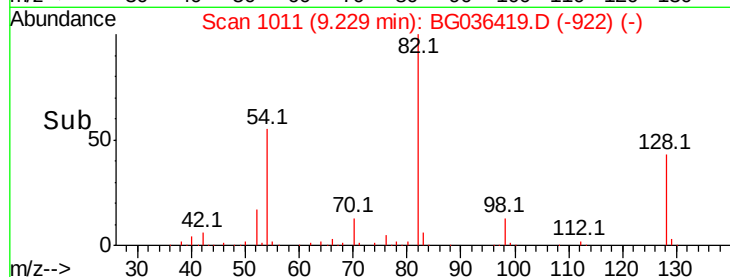
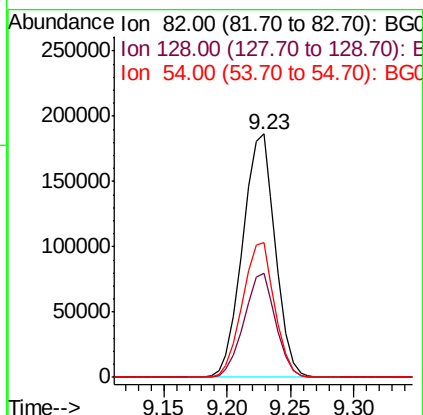
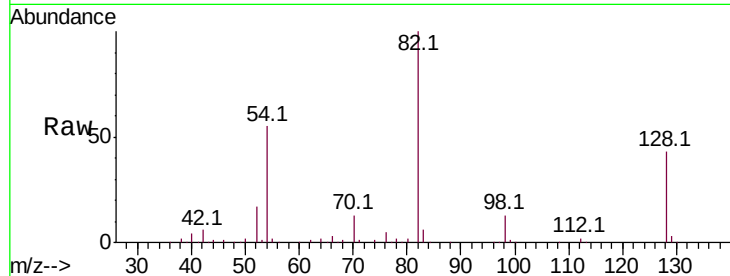




#23
 Nitrobenzene-d5
 Concen: 81.194 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG036419.D
 Acq: 24 Aug 2018 18:56

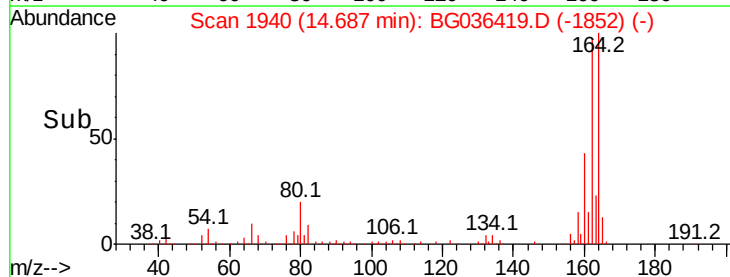
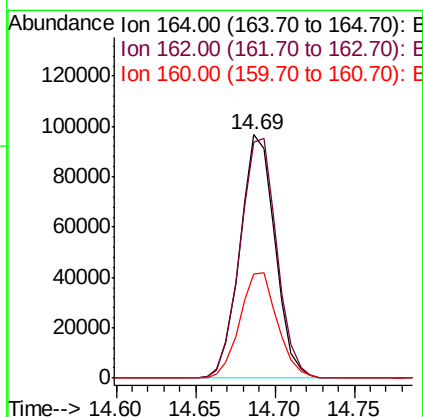
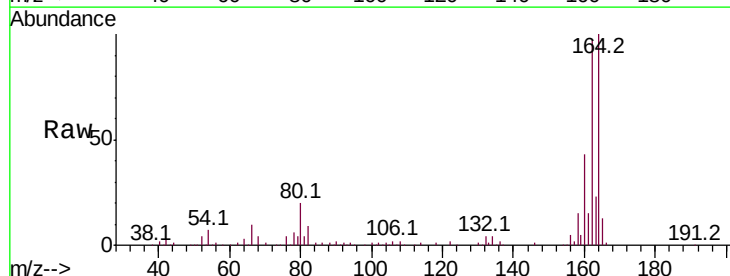
Instrument :
 BNA_G
 ClientSampleID :
 PB112350BL

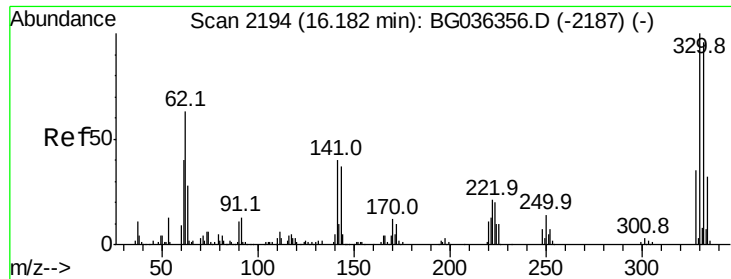
Tot Ion	82	Resp	332644
Ion Ratio	Lower	Upper	
82	100		
128	42.9	33.3	49.9
54	55.3	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG036419.D
 Acq: 24 Aug 2018 18:56

Tgt Ion	164	Resp	148189
Ion Ratio	Lower	Upper	
164	100		
162	97.1	80.7	121.1
160	42.8	35.3	52.9





#41

2,4,6-Tribromophenol

Concen: 140.721 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG036419.D

Acq: 24 Aug 2018 18:56

Instrument :

BNA_G

ClientSampleId :

PB112350BL

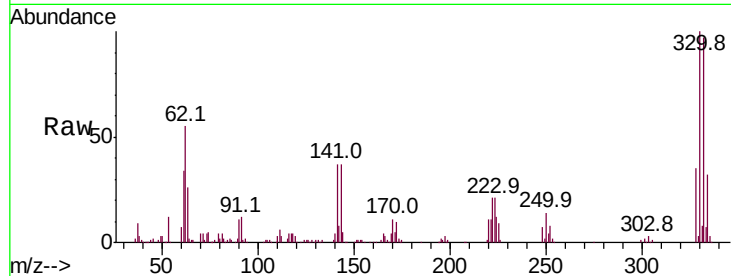
Tot Ion:330 Resp: 248826

Ion Ratio Lower Upper

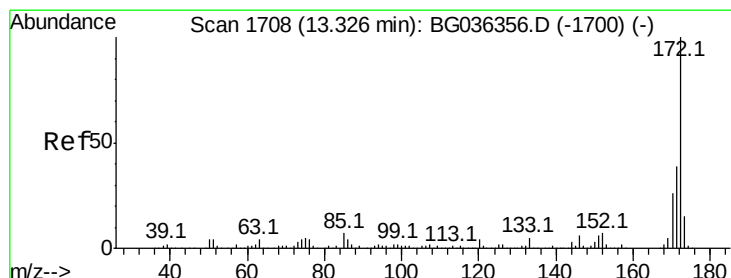
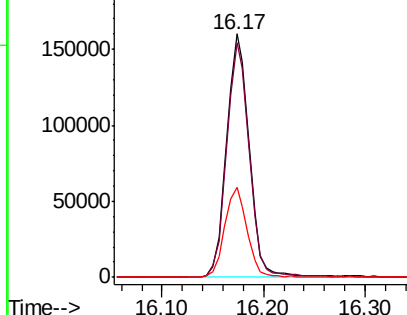
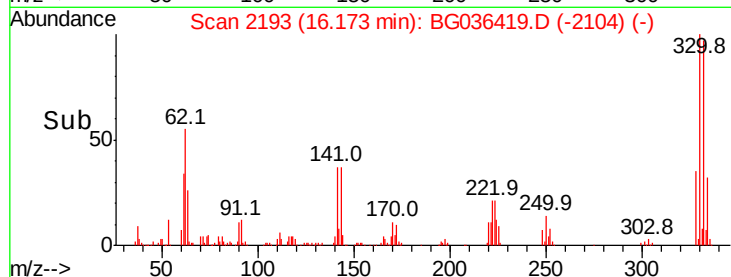
330 100

332 96.1 75.4 113.2

141 36.6 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: 78.227 ng

RT: 13.32 min Scan# 1707

Delta R.T. -0.01 min

Lab File: BG036419.D

Acq: 24 Aug 2018 18:56

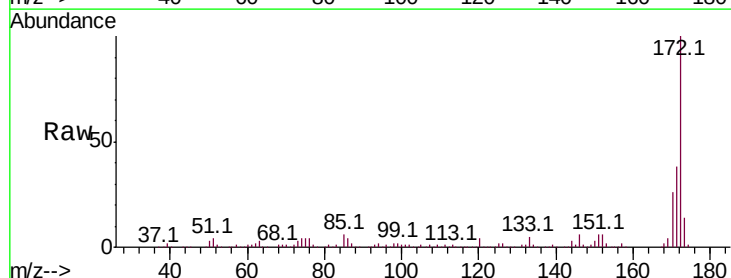
Tgt Ion:172 Resp: 811897

Ion Ratio Lower Upper

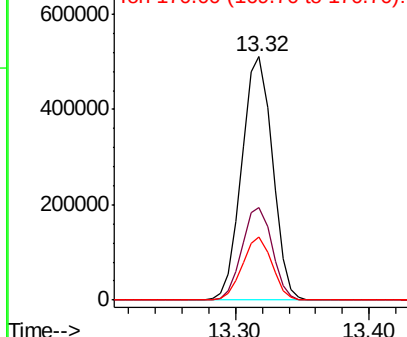
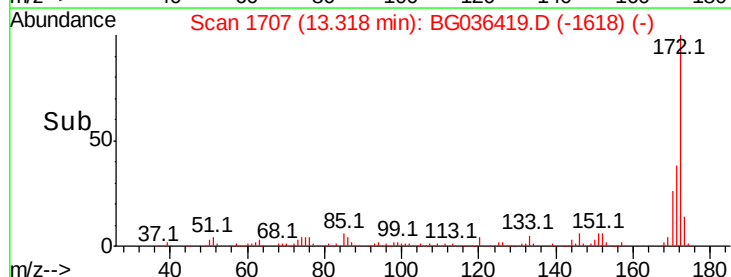
172 100

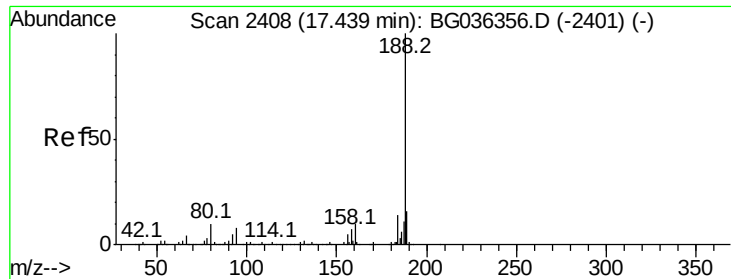
171 37.9 31.3 46.9

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG036419.D

Acq: 24 Aug 2018 18:56

Instrument :

BNA_G

ClientSampleId :

PB112350BL

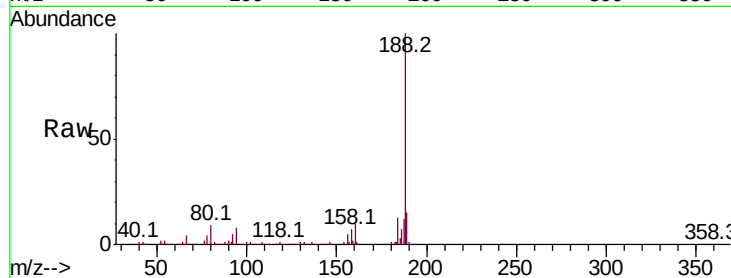
Tot Ion:188 Resp: 402456

Ion Ratio Lower Upper

188 100

94 7.9 6.7 10.1

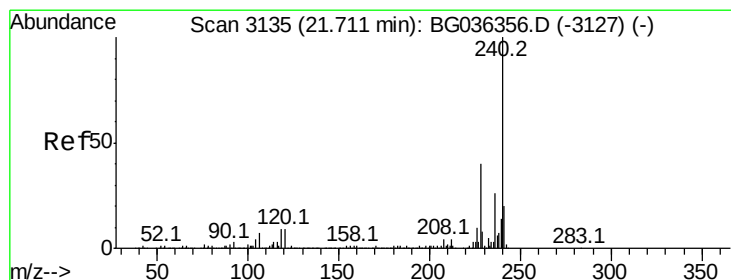
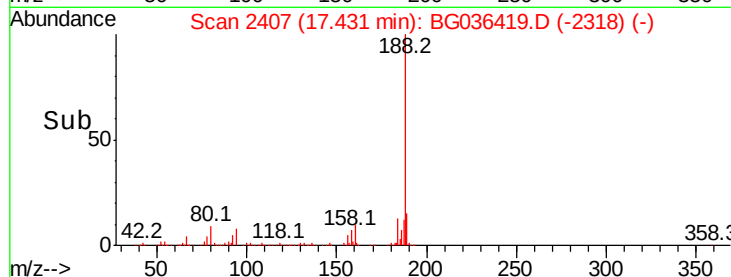
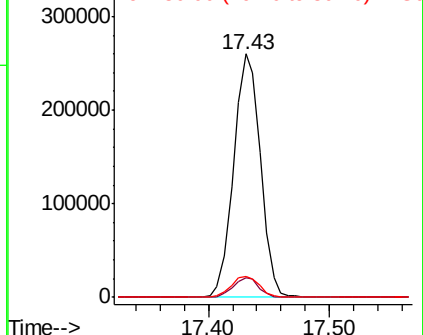
80 8.7 8.1 12.1



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: BG036419.D

Acq: 24 Aug 2018 18:56

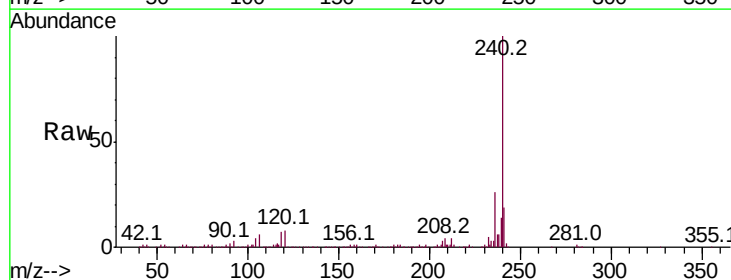
Tgt Ion:240 Resp: 449635

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

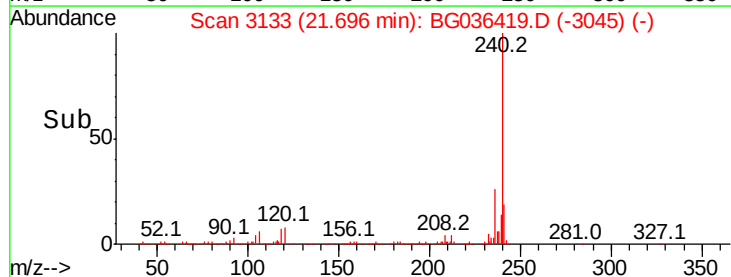
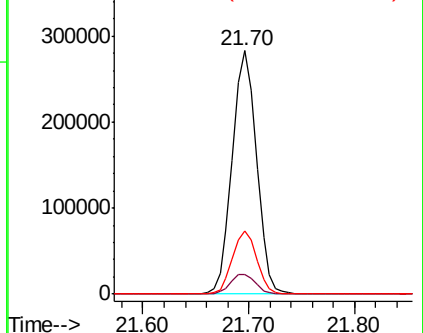
236 25.7 21.2 31.8

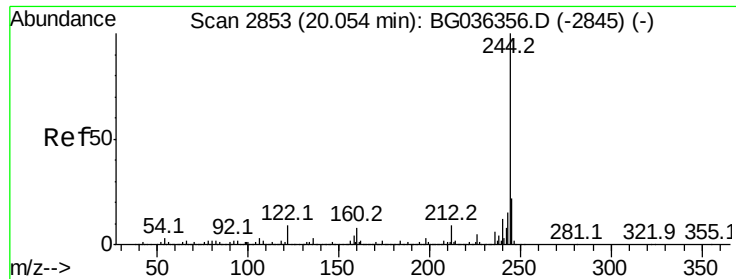


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.847 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036419.D

Acq: 24 Aug 2018 18:56

Instrument :

BNA_G

ClientSampleId :

PB112350BL

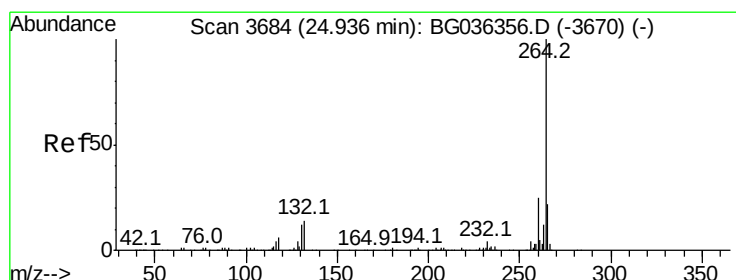
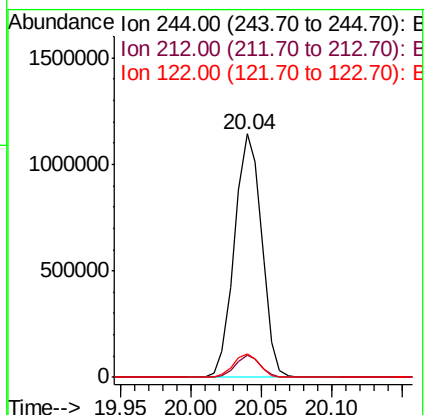
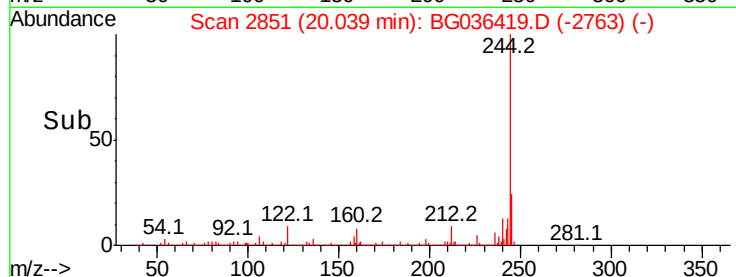
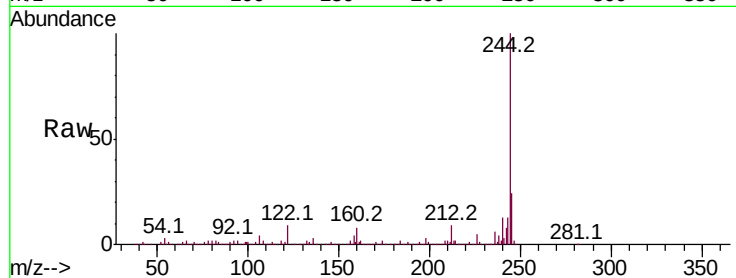
Tot Ion:244 Resp: 1536009

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	9.5	7.1	10.7

244 100

212 9.1 7.0 10.6

122 9.5 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.03 min

Lab File: BG036419.D

Acq: 24 Aug 2018 18:56

Tgt Ion:264 Resp: 448370

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	21.5	17.4	26.0

264 100

260 23.9 19.6 29.4

265 21.5 17.4 26.0

