

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036382.D
 Acq On : 23 Aug 2018 18:12
 Operator : JU/SJ
 Sample : PB112153BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112153BL

Quant Time: Aug 24 03:39:44 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	48845	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	201194	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	132129	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	351229	20.00	ng	0.00
75) Chrysene-d12	21.70	240	420736	20.00	ng	0.00
86) Perylene-d12	24.93	264	422137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	316657	102.84	ng	0.00
7) Phenol-d6	7.22	99	440997	100.03	ng	0.00
23) Nitrobenzene-d5	9.23	82	252657	68.13	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	173452	110.02	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	629854	68.06	ng	0.00
78) Terphenyl-d14	20.04	244	1246332	69.24	ng	0.00

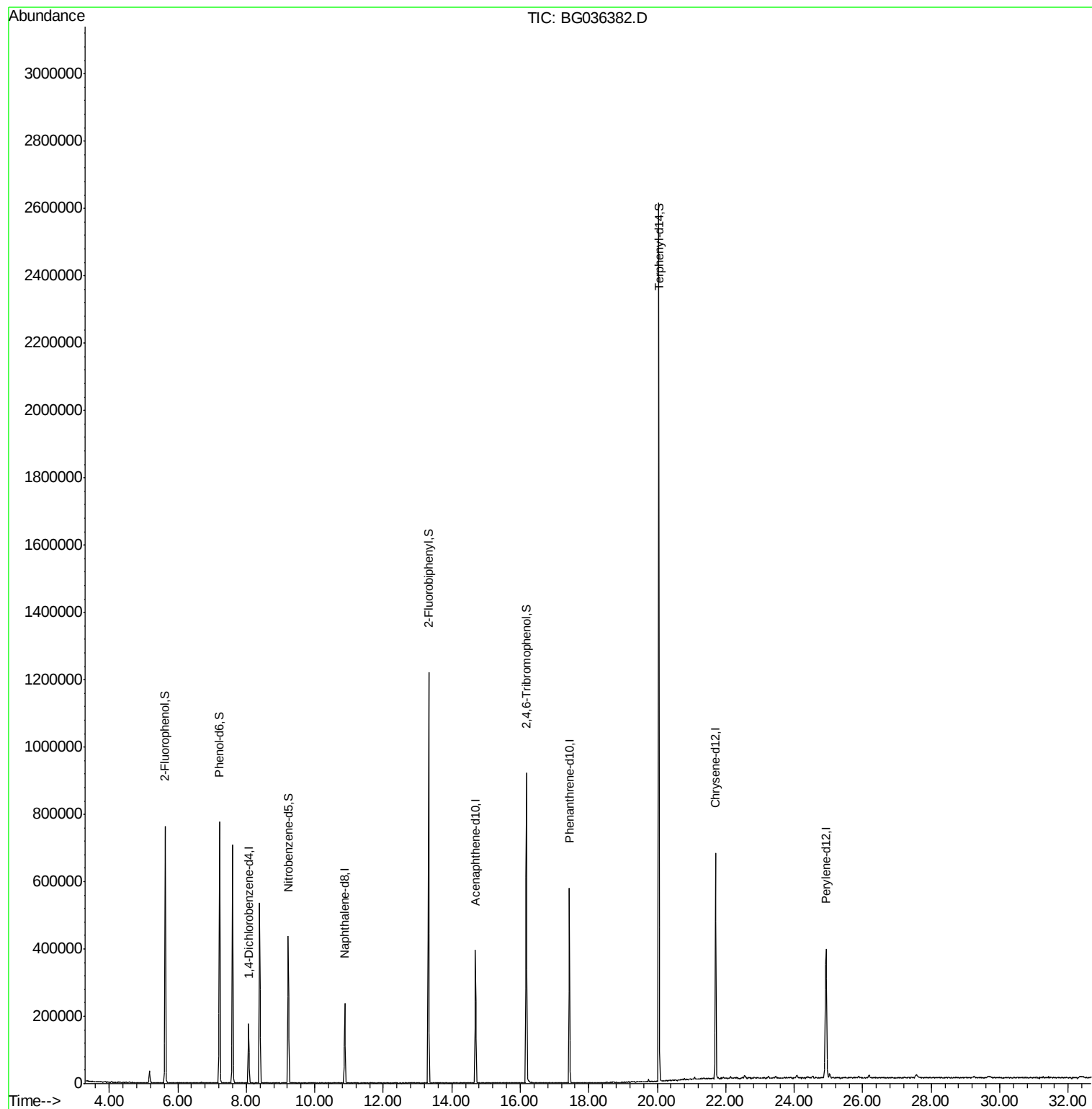
Target Compounds Qvalue

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

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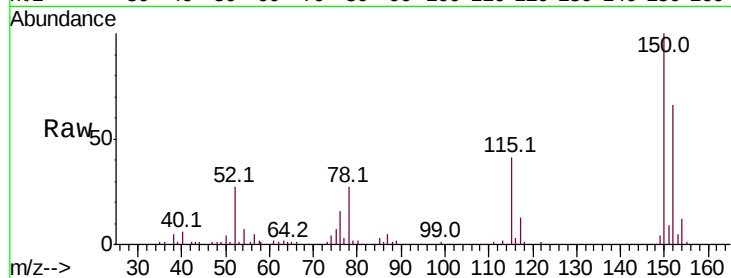


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BG036382.D
 Acq: 23 Aug 2018 18:12

Instrument :
 BNA_G
 ClientSampleId :
 PB112153BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	119.5	179.3
115	62.6	44.5	66.7

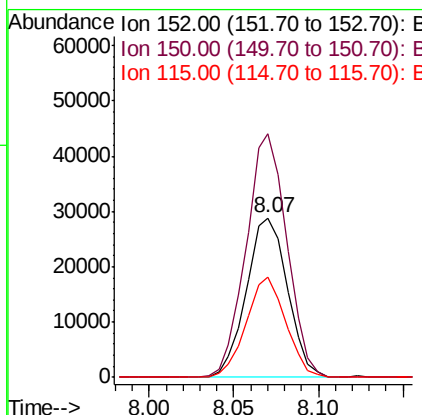
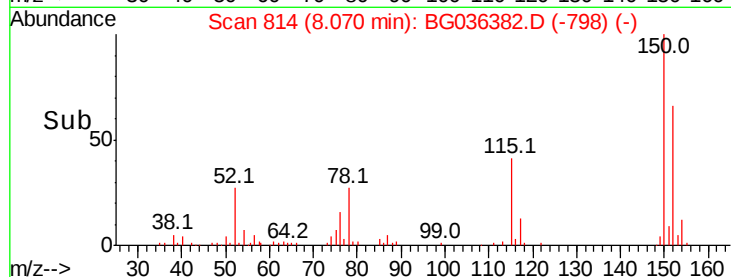


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

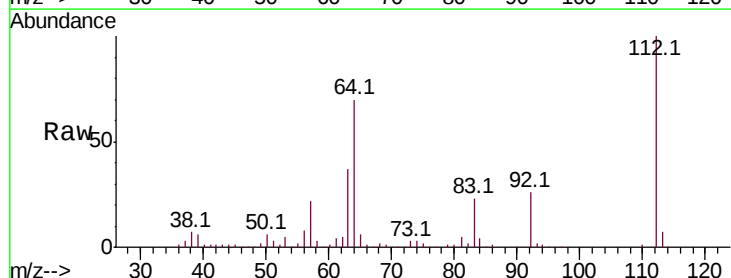
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 102.838 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG036382.D
 Acq: 23 Aug 2018 18:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	57.2	85.8
63	37.2	30.8	46.2

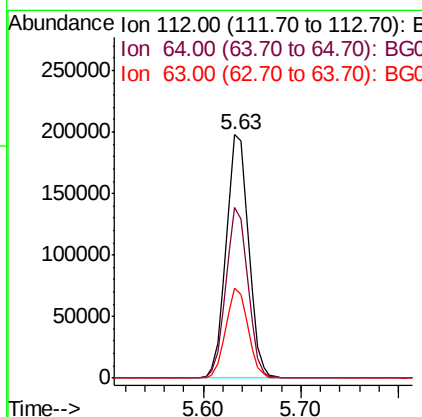
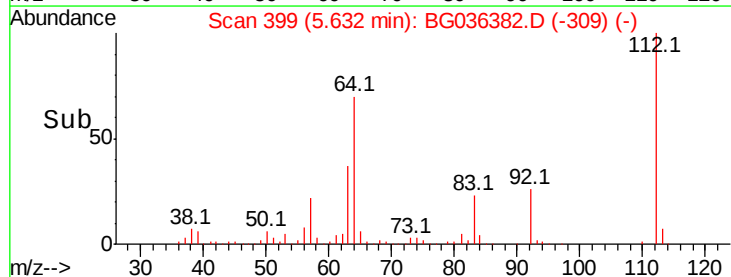


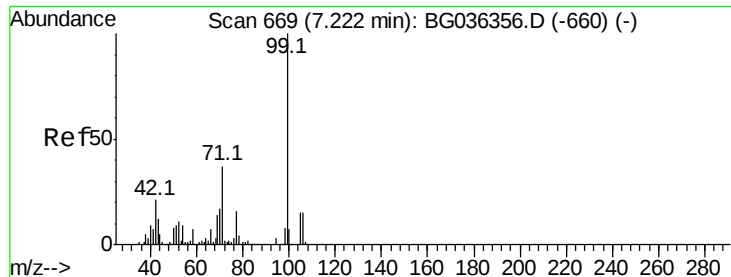
Abundance

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: 100.030 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036382.D

Acq: 23 Aug 2018 18:12

Instrument :

BNA_G

ClientSampleId :

PB112153BL

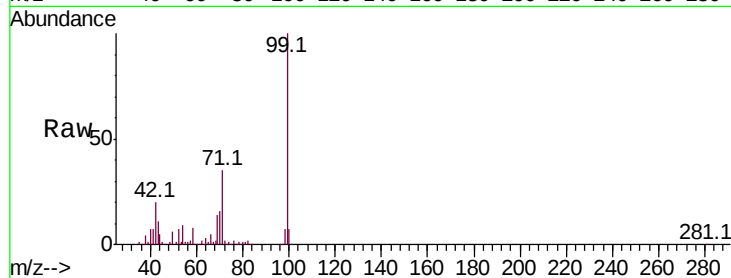
Tot Ion: 99 Resp: 440997

Ion Ratio Lower Upper

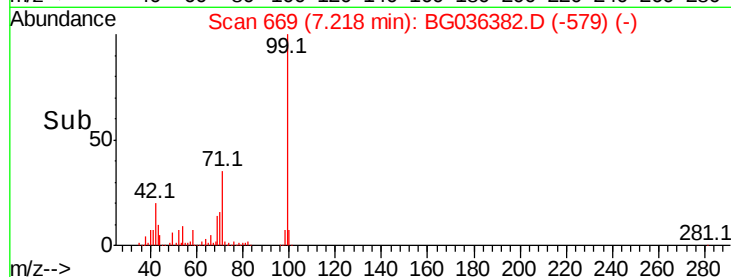
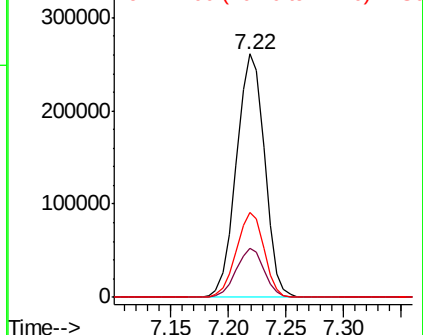
99 100

42 20.1 16.5 24.7

71 35.0 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: BG036382.D

Acq: 23 Aug 2018 18:12

Tgt Ion: 136 Resp: 201194

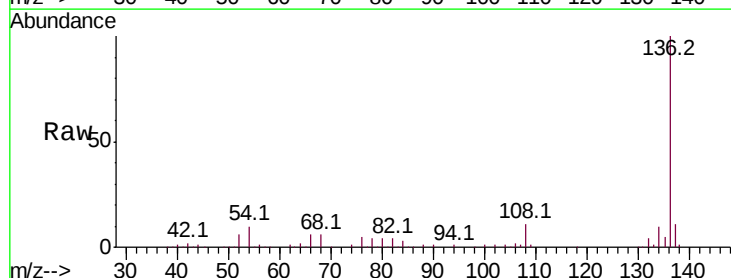
Ion Ratio Lower Upper

136 100

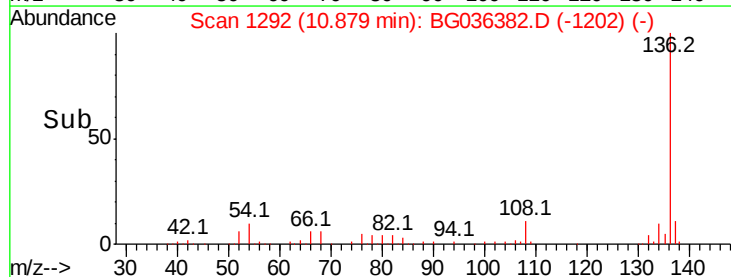
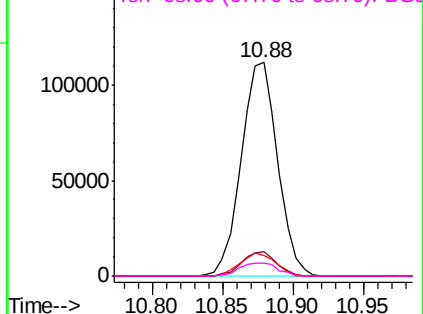
137 11.2 8.8 13.2

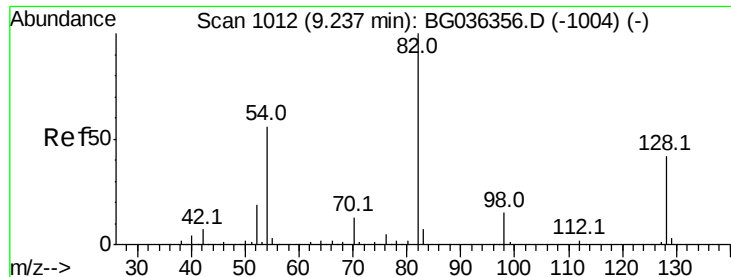
54 9.8 9.2 13.8

68 6.3 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

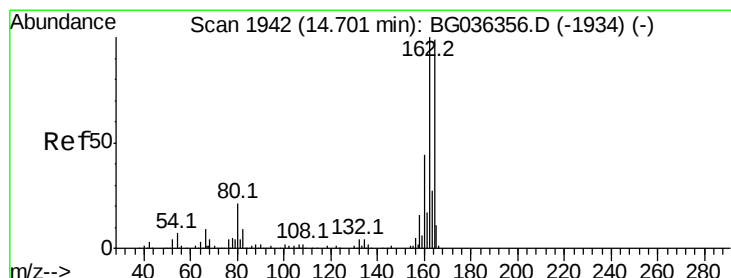
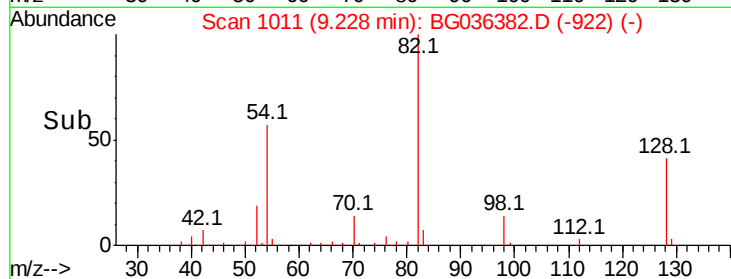
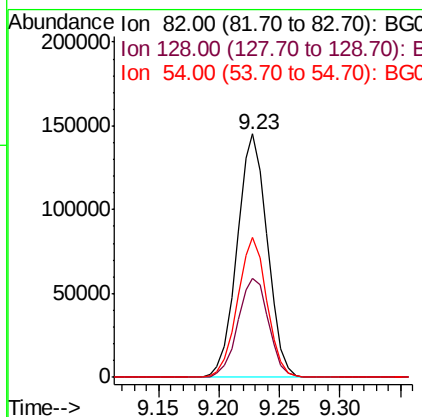
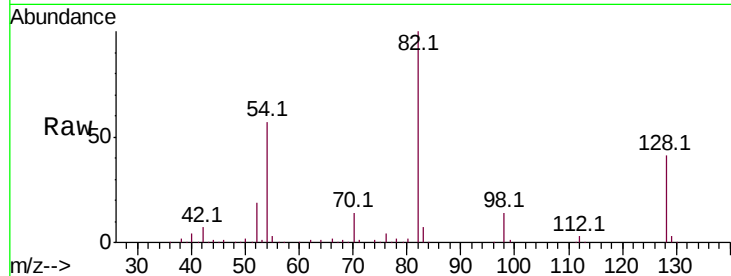




#23
 Nitrobenzene-d5
 Concen: 68.135 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG036382.D
 Acq: 23 Aug 2018 18:12

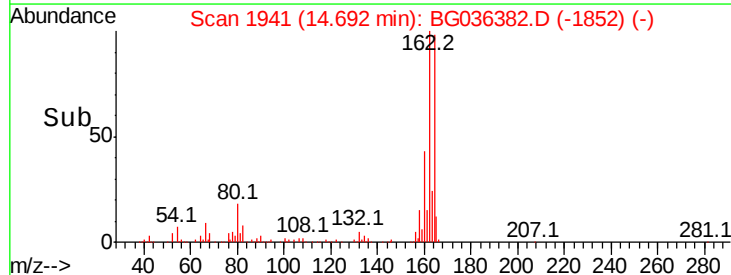
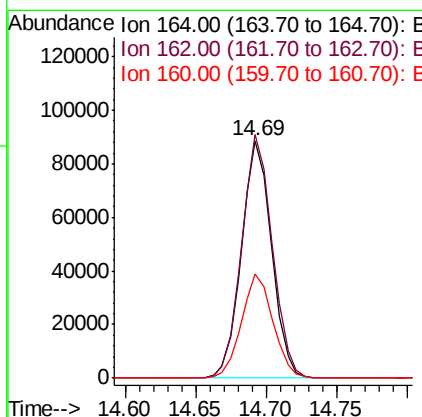
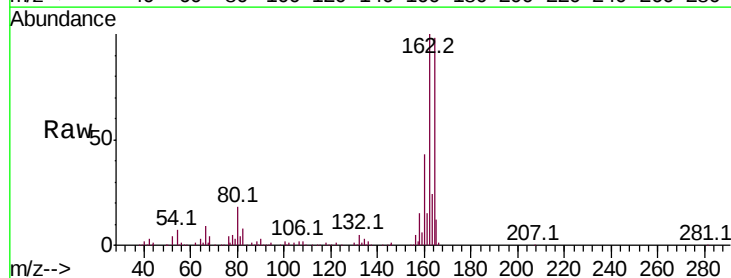
Instrument :
 BNA_G
 ClientSampleId :
 PB112153BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.3	49.9
54	57.4	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: BG036382.D
 Acq: 23 Aug 2018 18:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.7	121.1
160	44.0	35.3	52.9

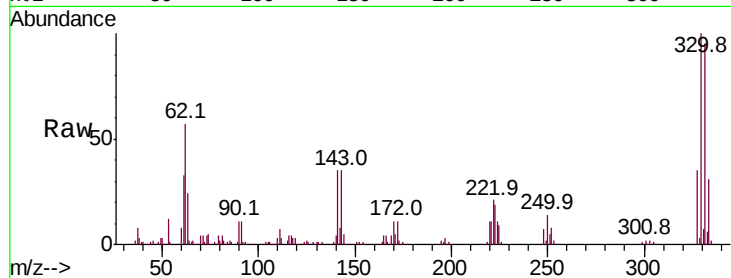




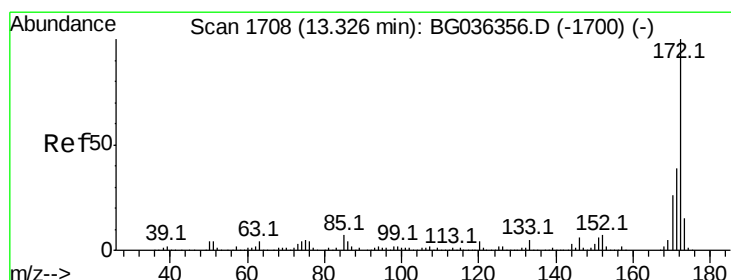
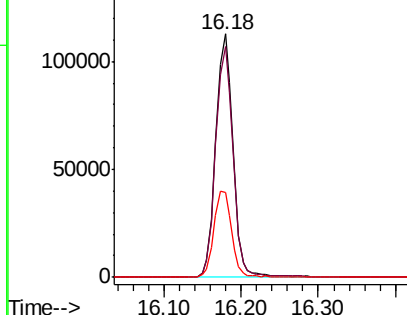
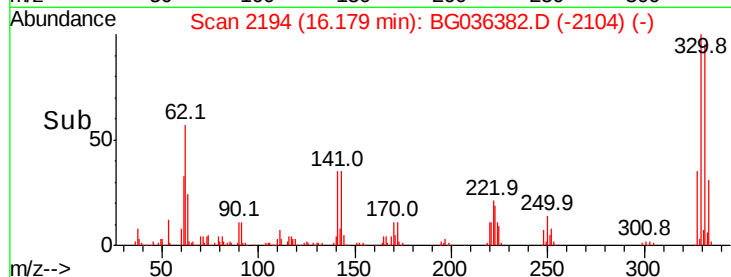
#41
 2,4,6-Tribromophenol
 Concen: 110.017 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG036382.D
 Acq: 23 Aug 2018 18:12

Instrument :
 BNA_G
 ClientSampleId :
 PB112153BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.4	113.2
141	36.3	30.7	46.1

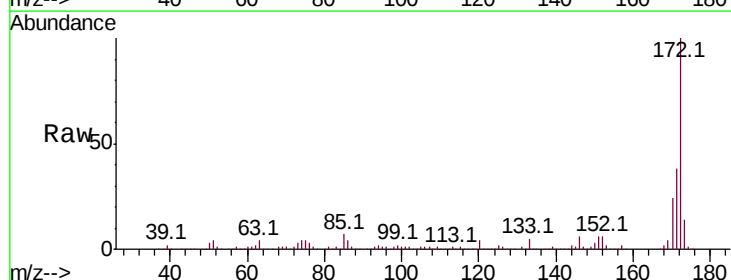


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

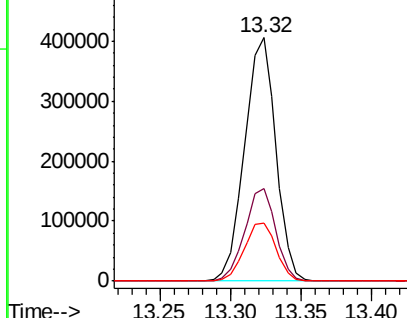
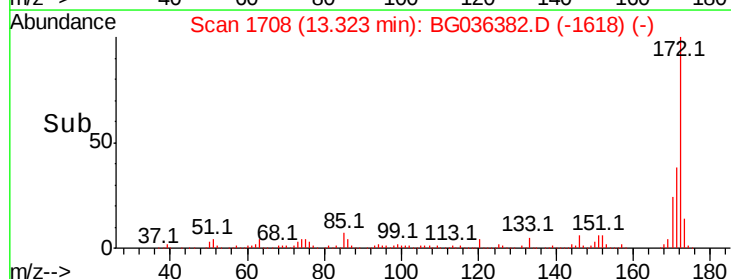


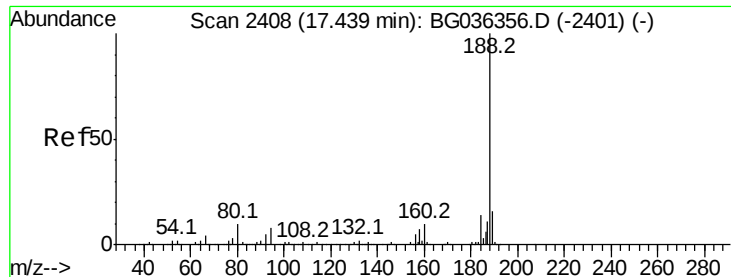
#44
 2-Fluorobiphenyl
 Concen: 68.064 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG036382.D
 Acq: 23 Aug 2018 18:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	24.1	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: 17.44 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BG036382.D

Acq: 23 Aug 2018 18:12

Instrument :

BNA_G

ClientSampleId :

PB112153BL

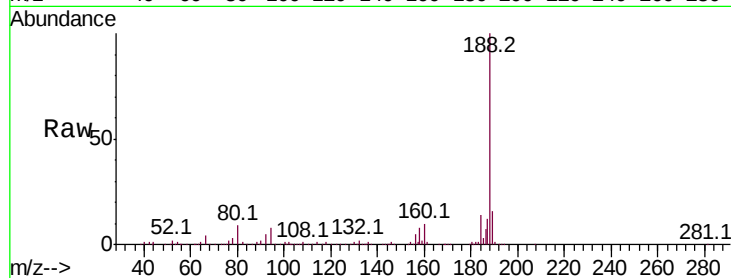
Tot Ion:188 Resp: 351229

Ion Ratio Lower Upper

188 100

94 7.8 6.7 10.1

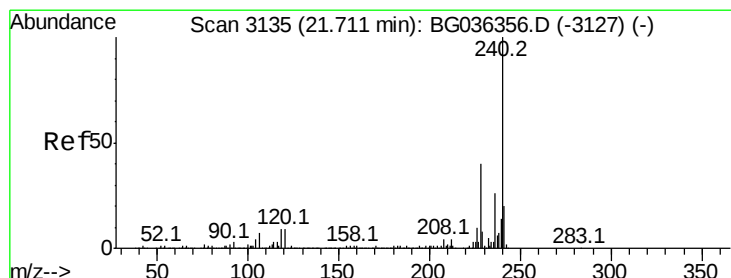
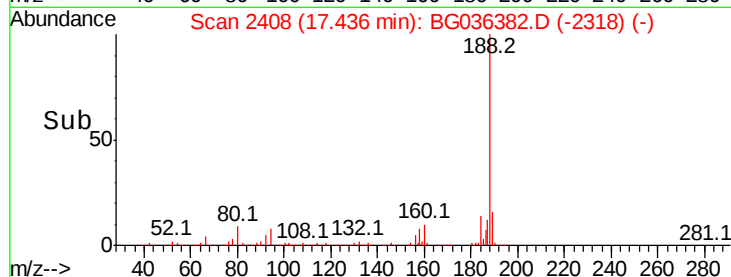
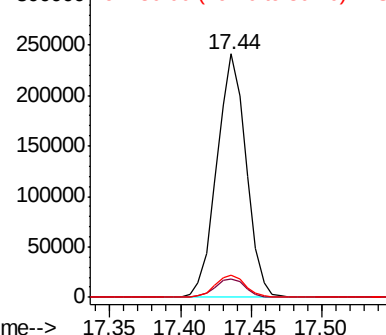
80 9.0 8.1 12.1



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: BG036382.D

Acq: 23 Aug 2018 18:12

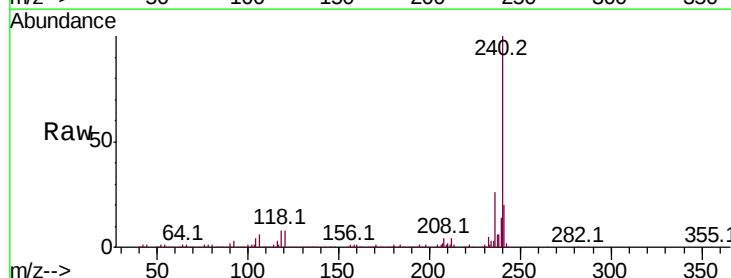
Tgt Ion:240 Resp: 420736

Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

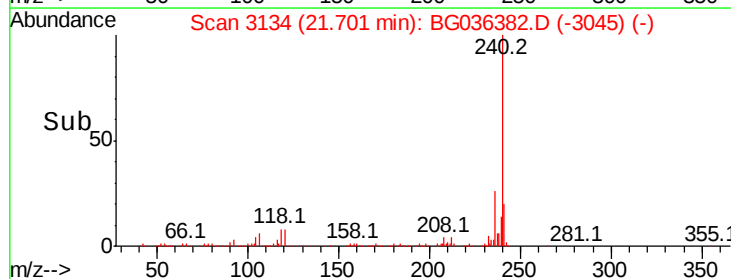
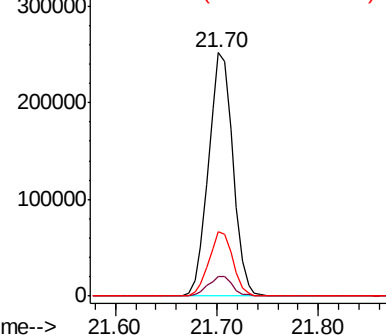
236 26.3 21.2 31.8

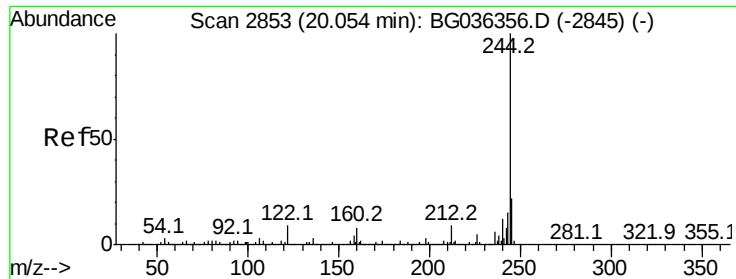


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.238 ng

RT: 20.04 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG036382.D

Acq: 23 Aug 2018 18:12

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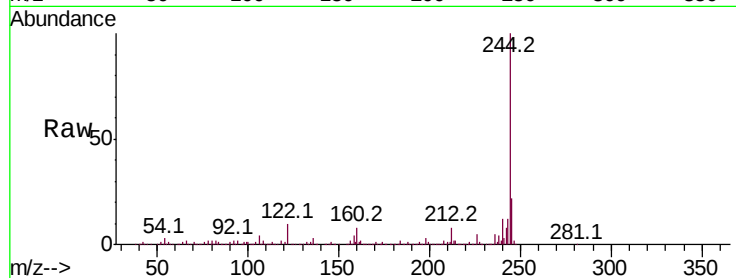
Tot Ion:244 Resp: 1246332

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

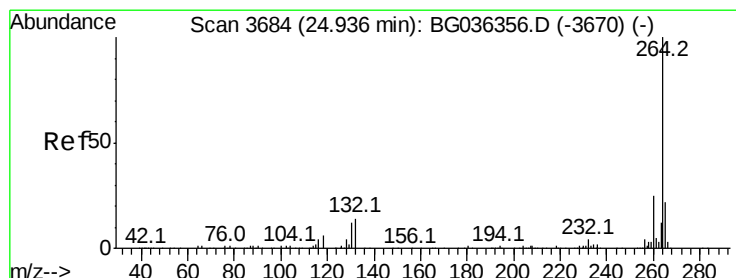
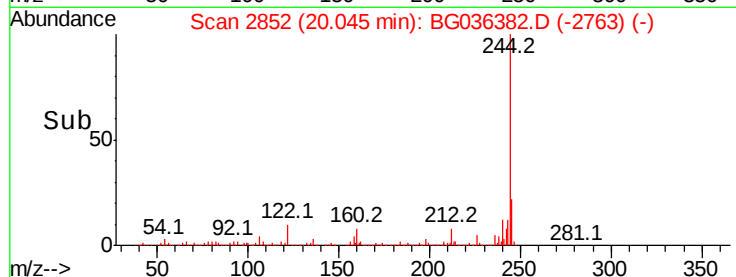
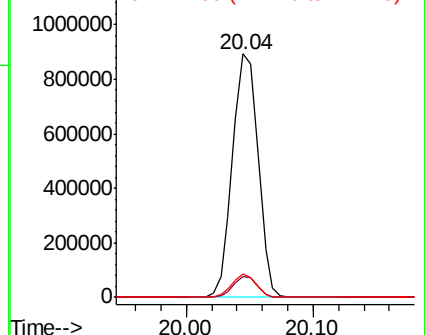
122 9.6 7.1 10.7



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

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3683

Delta R.T. -0.01 min

Lab File: BG036382.D

Acq: 23 Aug 2018 18:12

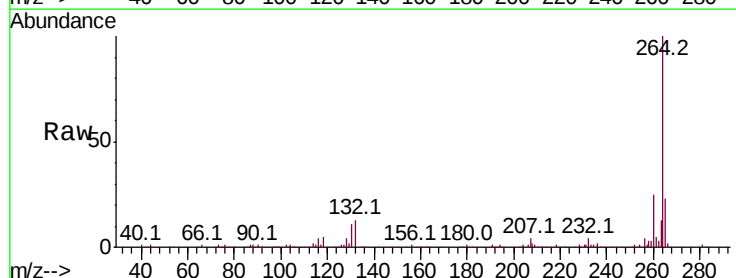
Tgt Ion:264 Resp: 422137

Ion Ratio Lower Upper

264 100

260 25.0 19.6 29.4

265 22.5 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

