

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
 Data File : BG036750.D
 Acq On : 17 Sep 2018 12:09
 Operator : JU/SJ
 Sample : PB112885BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112885BL

Quant Time: Sep 17 13:13:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53340	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	218071	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	141788	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	381717	20.00	ng	0.00
75) Chrysene-d12	21.68	240	408584	20.00	ng	-0.01
86) Perylene-d12	24.89	264	396656	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	390978	116.27	ng	0.00
7) Phenol-d6	7.21	99	540520	112.27	ng	0.00
23) Nitrobenzene-d5	9.21	82	334362	83.19	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	228976	135.34	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	792623	79.82	ng	-0.01
78) Terphenyl-d14	20.02	244	1446887	82.77	ng	0.00

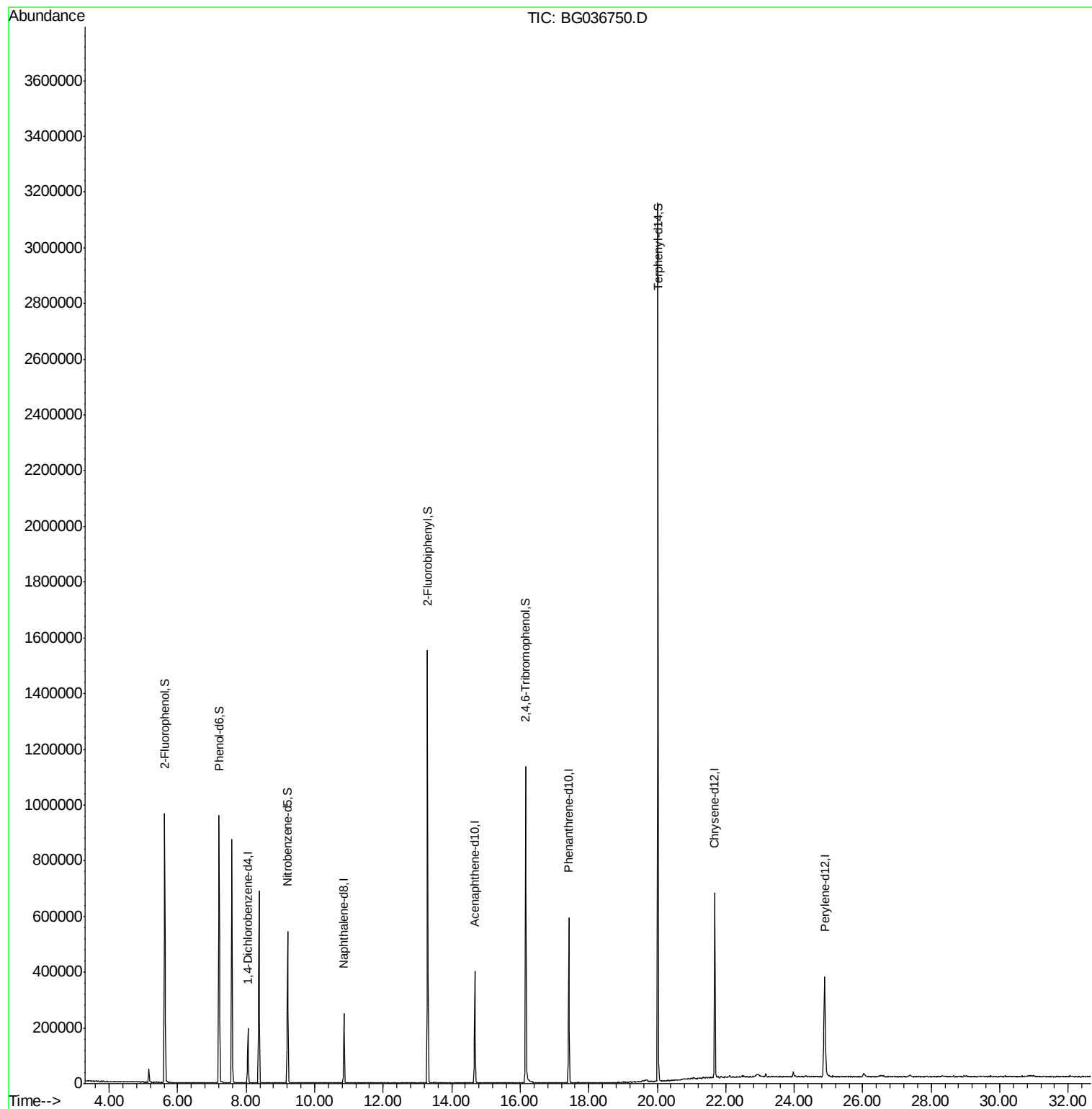
Target Compounds Qvalue

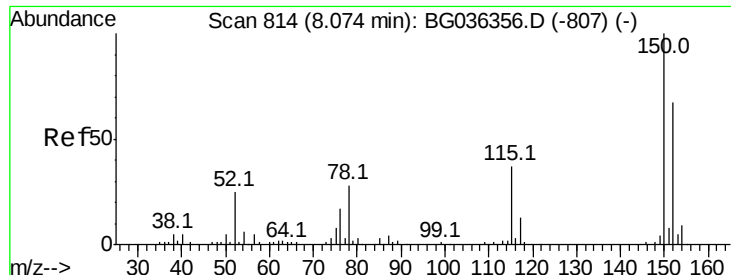
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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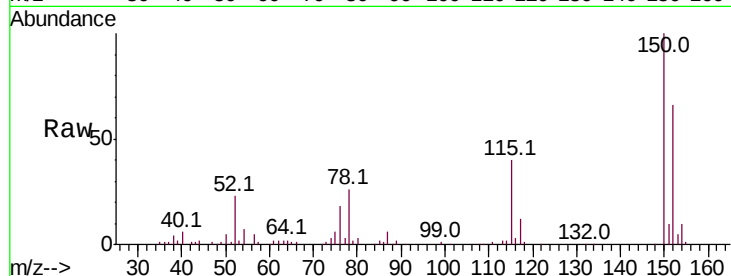


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036750.D
Acq: 17 Sep 2018 12:09

Instrument :
BNA_G
ClientSampleId :
PB112885BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	119.5	179.3
115	61.4	44.5	66.7

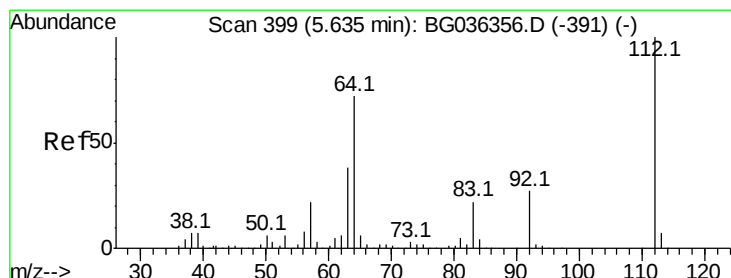
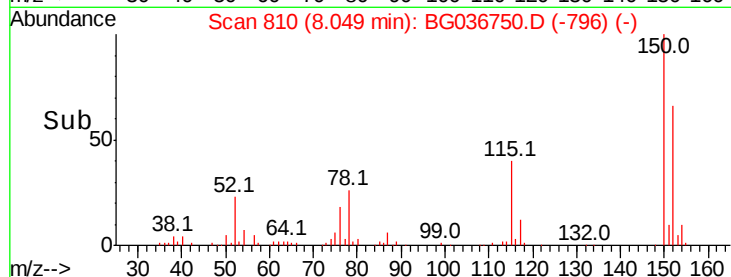
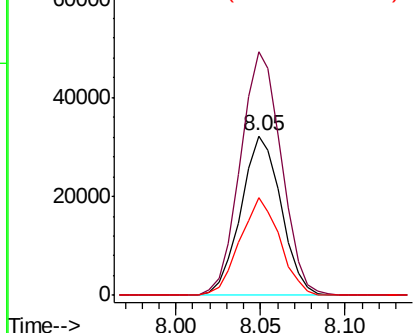


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

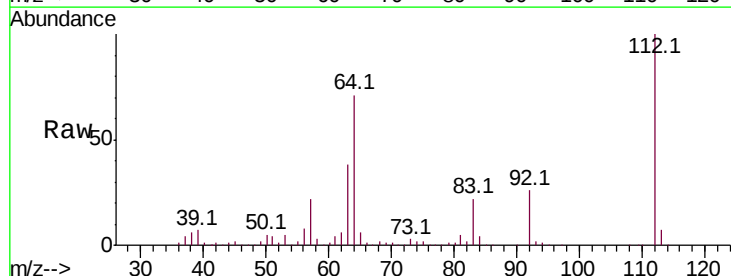
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.274 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036750.D
Acq: 17 Sep 2018 12:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.8	57.2	85.8
63	38.1	30.8	46.2

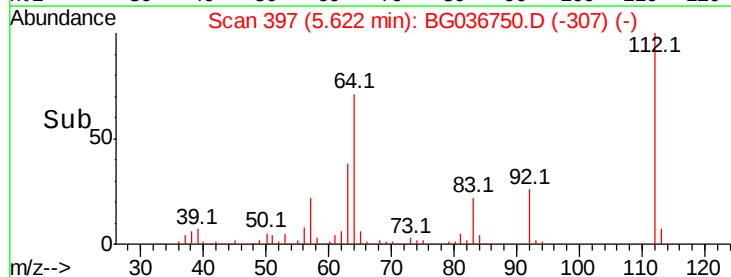
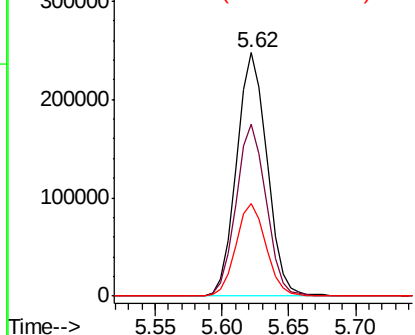


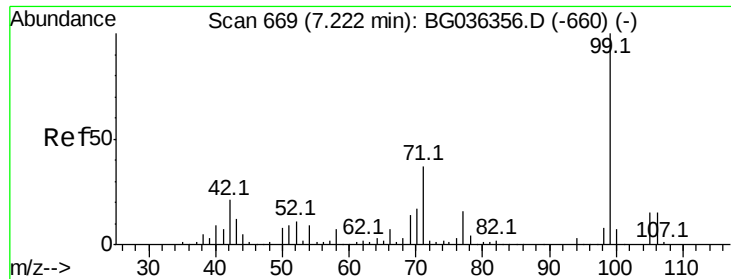
Abundance

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: 112.273 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036750.D

Acq: 17 Sep 2018 12:09

Instrument :

BNA_G

ClientSampleId :

PB112885BL

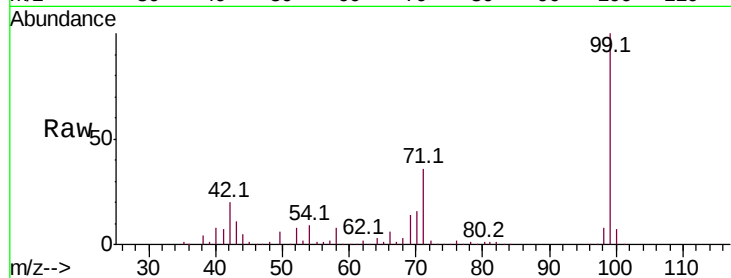
Tot Ion: 99 Resp: 540520

Ion Ratio Lower Upper

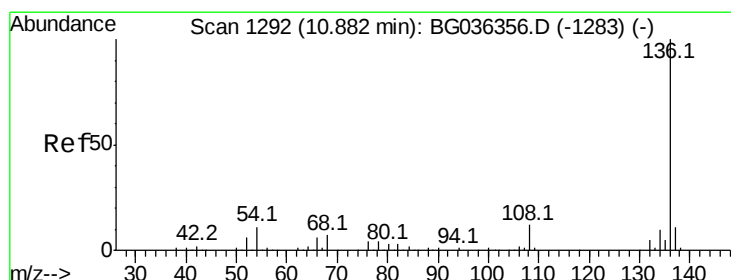
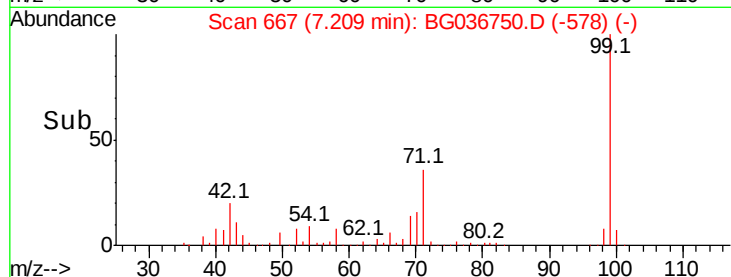
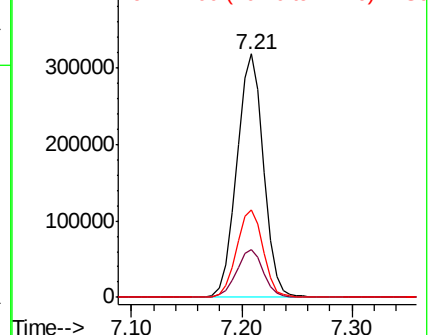
99 100

42 19.7 16.5 24.7

71 35.8 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: 10.86 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036750.D

Acq: 17 Sep 2018 12:09

Tgt Ion: 136 Resp: 218071

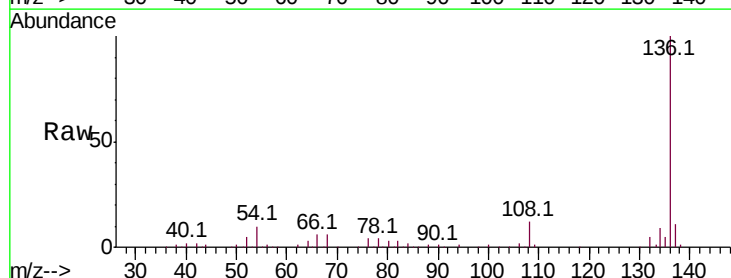
Ion Ratio Lower Upper

136 100

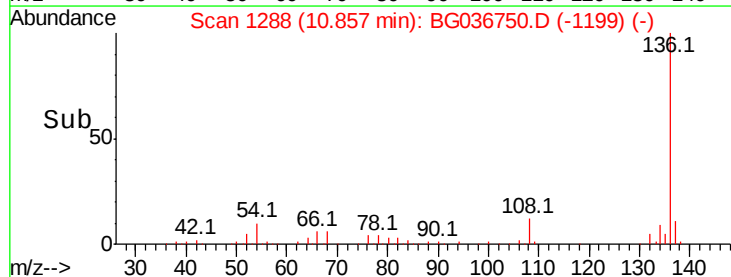
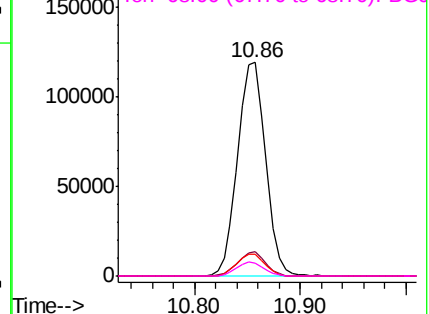
137 11.1 8.8 13.2

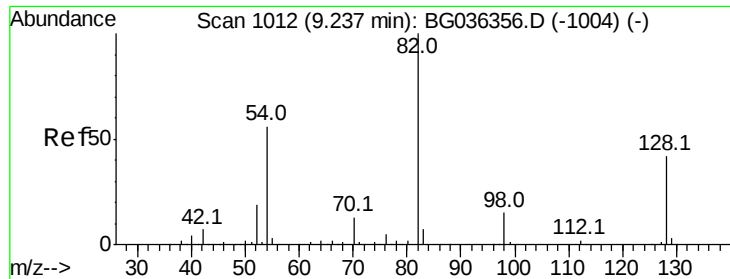
54 10.3 9.2 13.8

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

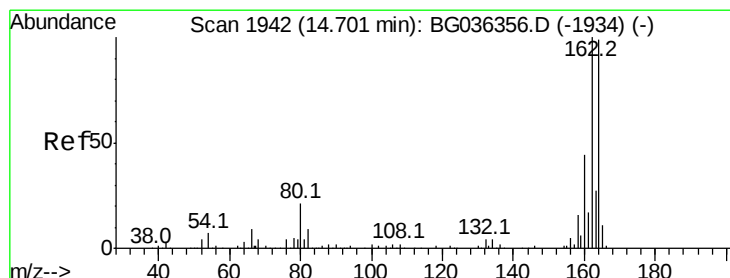
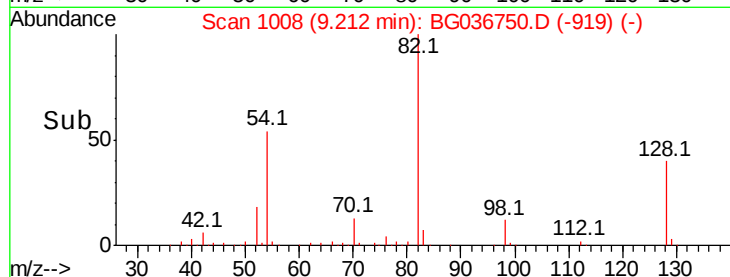
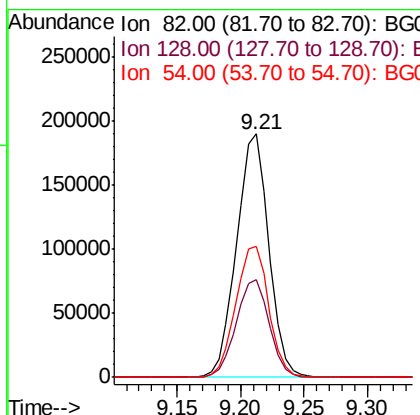
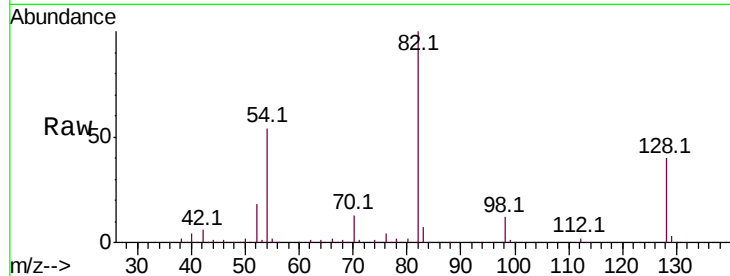




#23
 Nitrobenzene-d5
 Concen: 83.190 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036750.D
 Acq: 17 Sep 2018 12:09

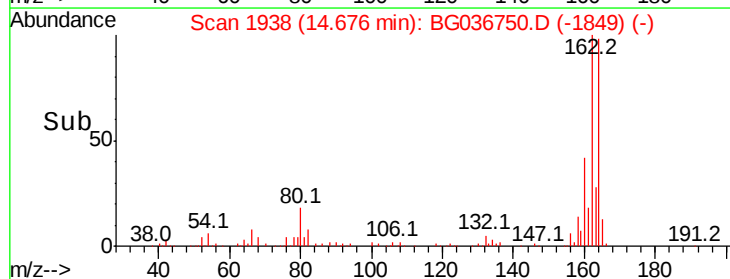
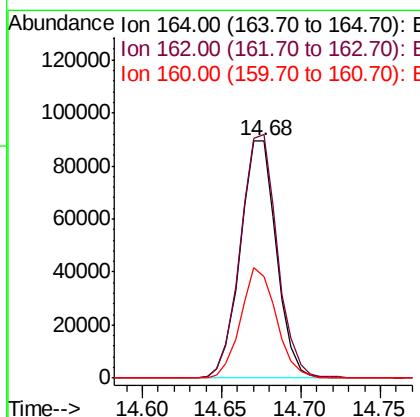
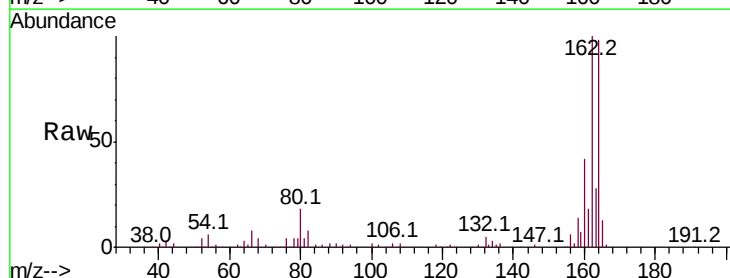
Instrument :
 BNA_G
 ClientSampleId :
 PB112885BL

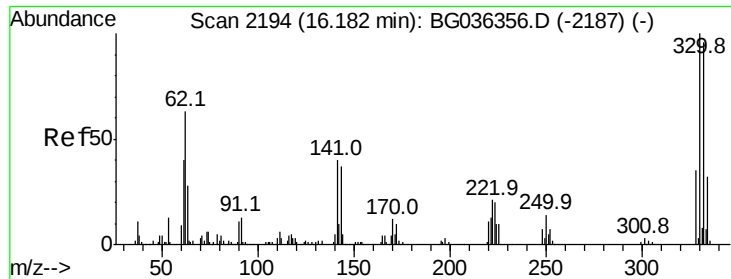
Tot Ion	82	Resp	334362
Ion Ratio	Lower	Upper	
82	100		
128	40.0	33.3	49.9
54	53.8	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036750.D
 Acq: 17 Sep 2018 12:09

Tgt Ion	164	Resp	141788
Ion Ratio	Lower	Upper	
164	100		
162	102.4	80.7	121.1
160	42.9	35.3	52.9

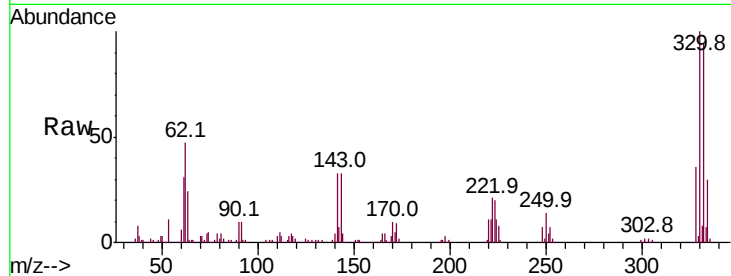




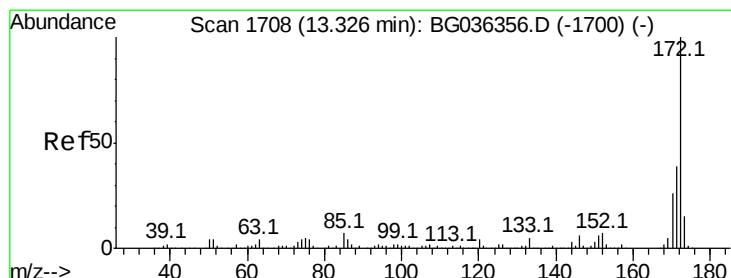
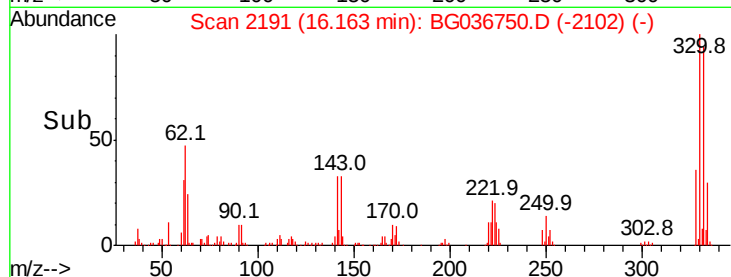
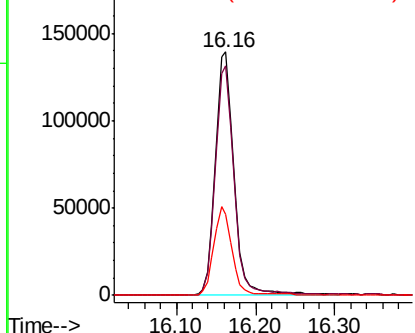
#41
 2,4,6-Tribromophenol
 Concen: 135.341 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036750.D
 Acq: 17 Sep 2018 12:09

Instrument :
 BNA_G
 ClientSampleId :
 PB112885BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	75.4	113.2
141	35.4	30.7	46.1

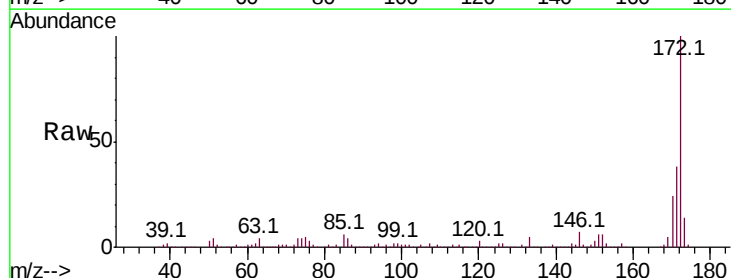


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

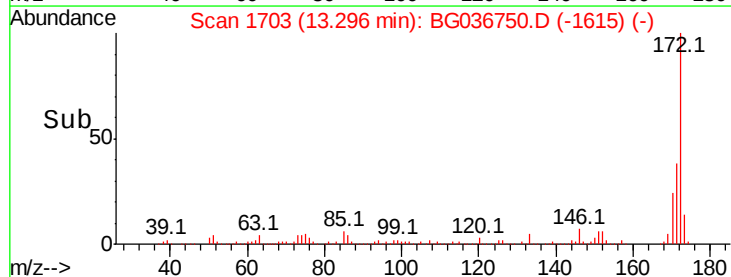
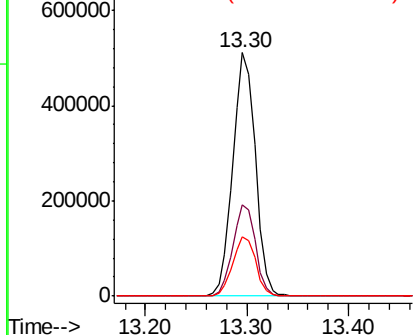


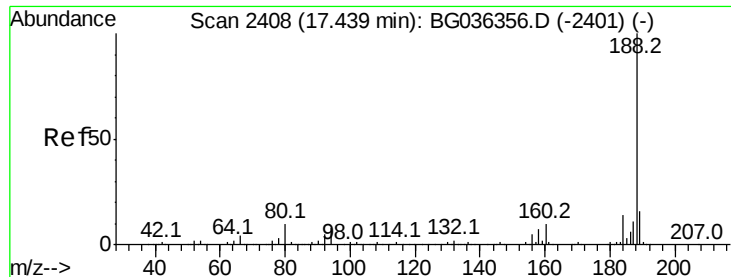
#44
 2-Fluorobiphenyl
 Concen: 79.818 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036750.D
 Acq: 17 Sep 2018 12:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.3	46.9
170	24.4	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

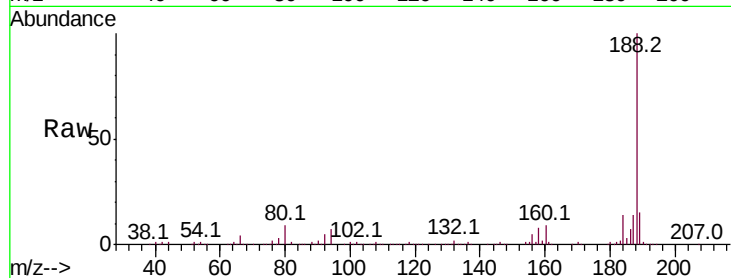




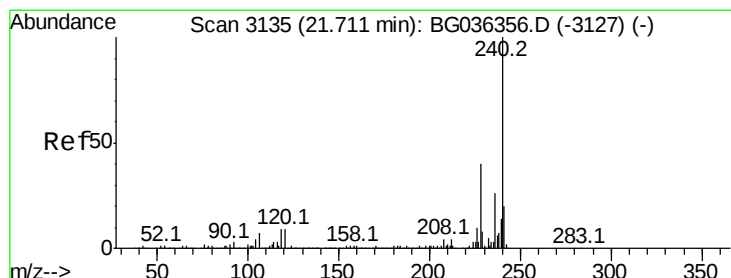
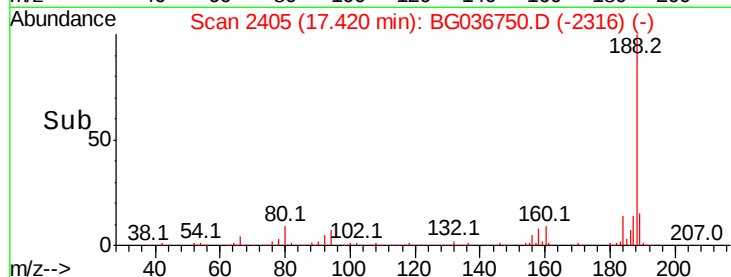
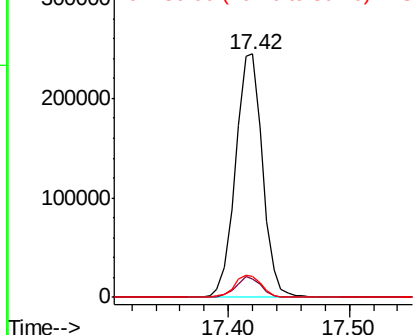
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036750.D
Acq: 17 Sep 2018 12:09

Instrument :
BNA_G
ClientSampleId :
PB112885BL

Tot Ion:188 Resp: 381717
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 8.7 8.1 12.1

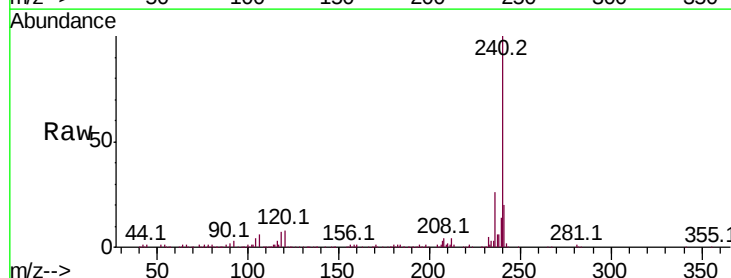


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

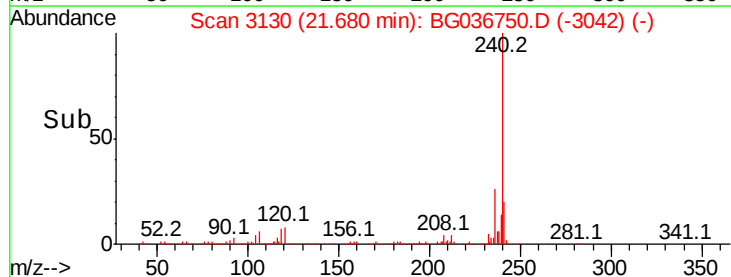
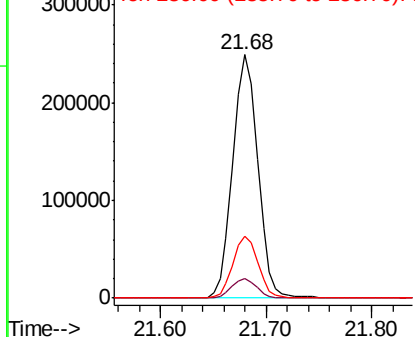


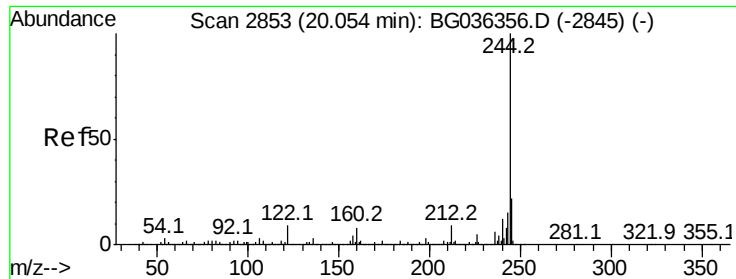
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036750.D
Acq: 17 Sep 2018 12:09

Tgt Ion:240 Resp: 408584
Ion Ratio Lower Upper
240 100
120 8.0 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: 82.770 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036750.D

Acq: 17 Sep 2018 12:09

Instrument :

BNA_G

ClientSampled :

PB112885BL

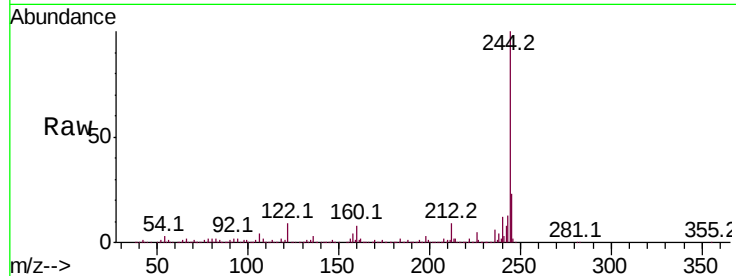
Tot Ion:244 Resp: 1446887

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.5	7.1	10.7

244 100

212 8.9 7.0 10.6

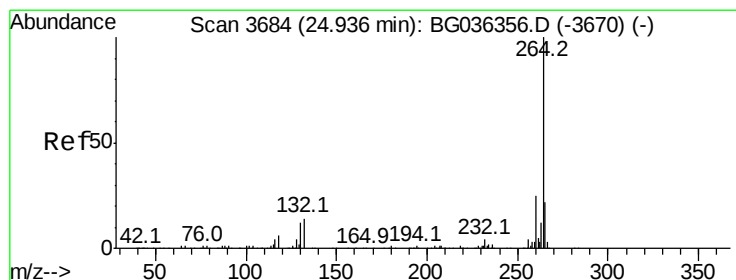
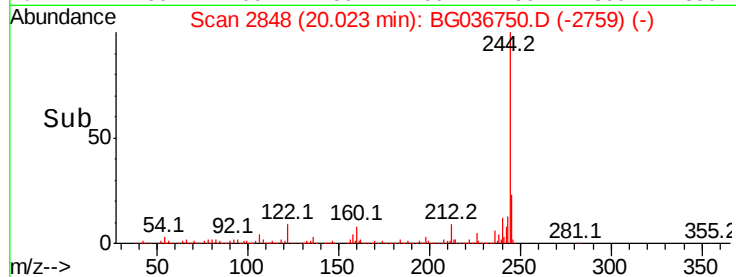
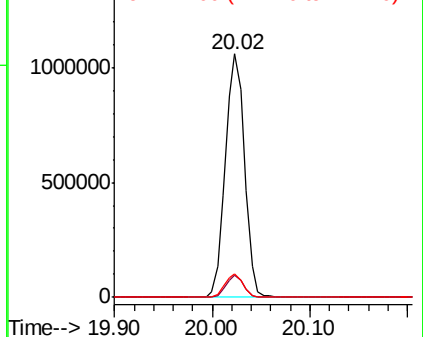
122 9.5 7.1 10.7



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: 24.89 min Scan# 3676

Delta R.T. -0.01 min

Lab File: BG036750.D

Acq: 17 Sep 2018 12:09

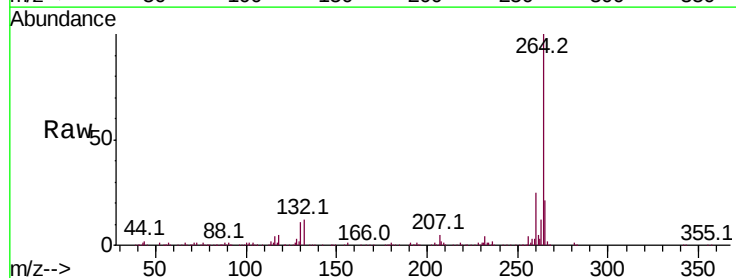
Tgt Ion:264 Resp: 396656

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	21.1	17.4	26.0

264 100

260 24.8 19.6 29.4

265 21.1 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

