

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090618\
 Data File : BG036592.D
 Acq On : 7 Sep 2018 11:50
 Operator : JU/SJ
 Sample : PB112623BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112623BL

Quant Time: Sep 07 16:19:33 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	8.06	152	53500	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	229960	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	163573	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	419170	20.00	ng	0.00
75) Chrysene-d12	21.69	240	445413	20.00	ng	0.00
86) Perylene-d12	24.89	264	416489	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	408795	121.21	ng	0.00
7) Phenol-d6	7.21	99	584947	121.14	ng	0.00
23) Nitrobenzene-d5	9.21	82	354817	83.72	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	234972	120.39	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	869480	75.90	ng	0.00
78) Terphenyl-d14	20.03	244	1513379	79.42	ng	0.00

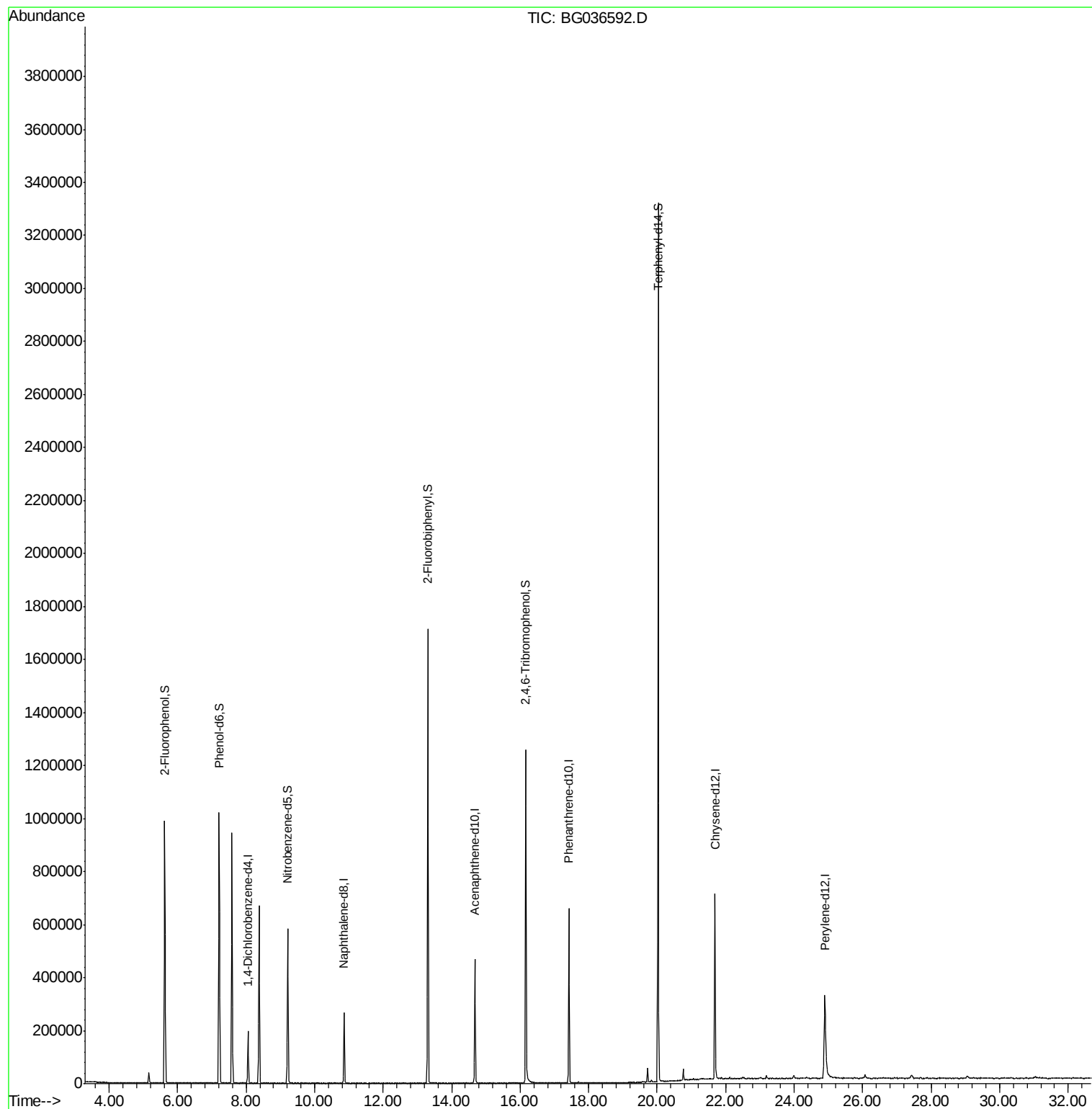
Target Compounds Qvalue

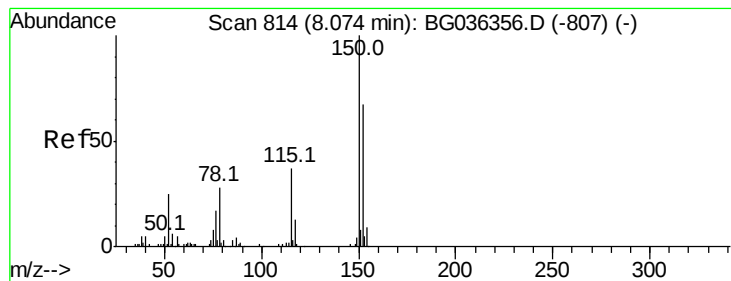
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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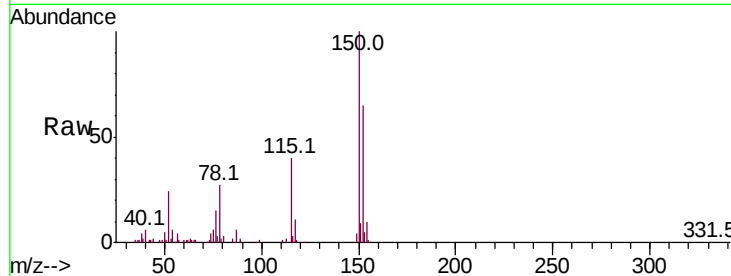


#1

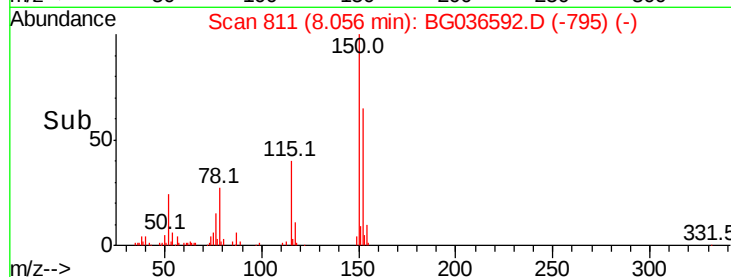
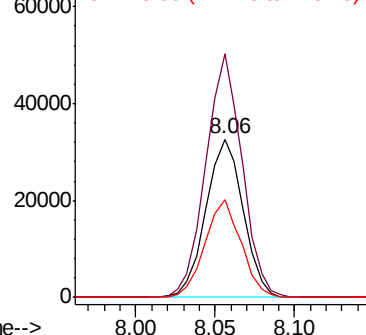
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036592.D
Acq: 7 Sep 2018 11:50

Instrument :
BNA_G
ClientSampleId :
PB112623BL

Tot Ion:152 Resp: 53500
Ion Ratio Lower Upper
152 100
150 154.1 119.5 179.3
115 61.5 44.5 66.7



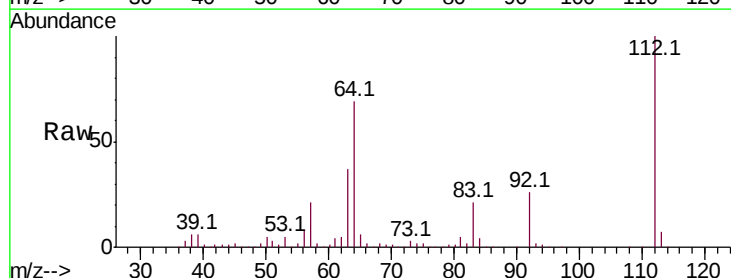
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



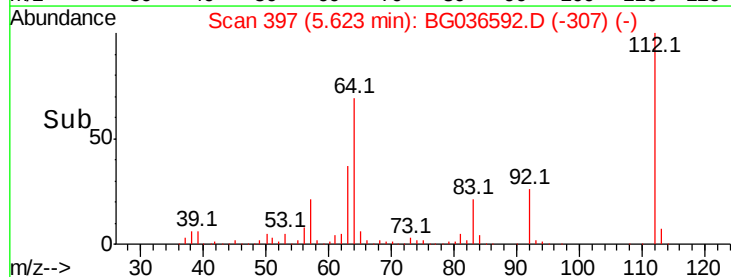
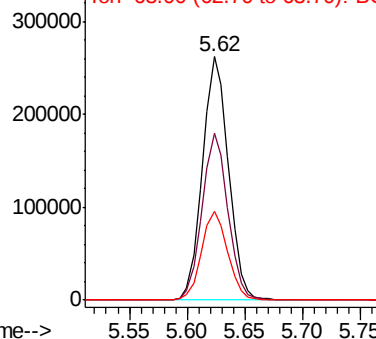
#5

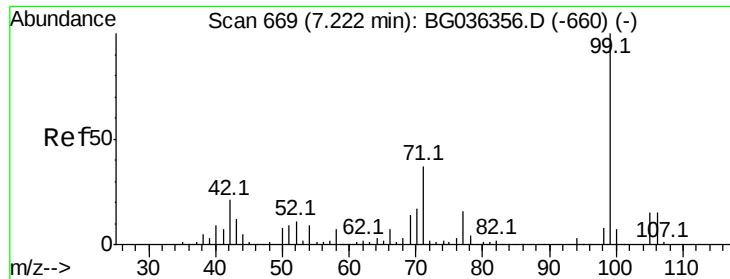
2-Fluorophenol
Concen: 121.209 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036592.D
Acq: 7 Sep 2018 11:50

Tgt Ion:112 Resp: 408795
Ion Ratio Lower Upper
112 100
64 68.5 57.2 85.8
63 36.6 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: 121.138 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036592.D

Acq: 7 Sep 2018 11:50

Instrument :

BNA_G

ClientSampleId :

PB112623BL

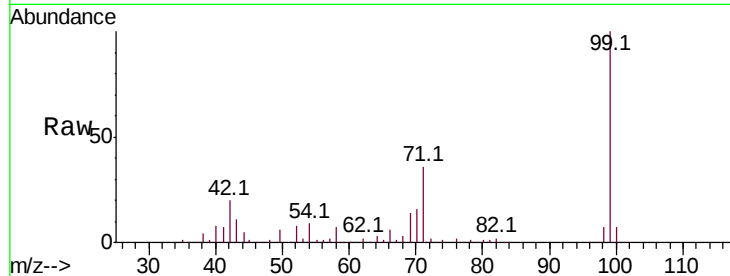
Tot Ion: 99 Resp: 584947

Ion Ratio Lower Upper

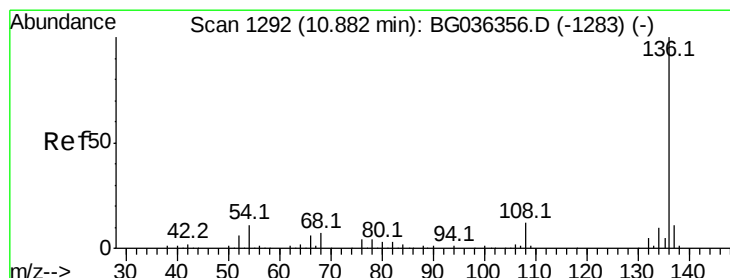
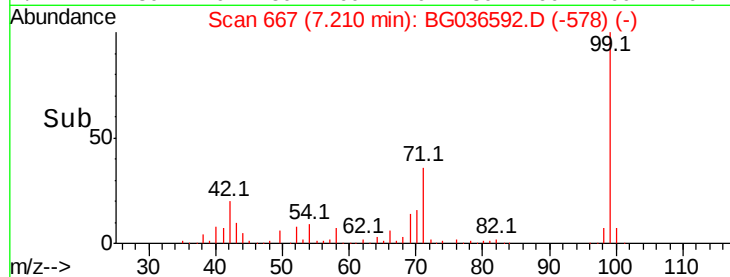
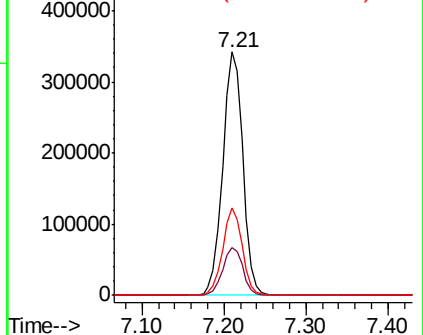
99 100

42 19.9 16.5 24.7

71 35.7 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: BG036592.D

Acq: 7 Sep 2018 11:50

Tgt Ion: 136 Resp: 229960

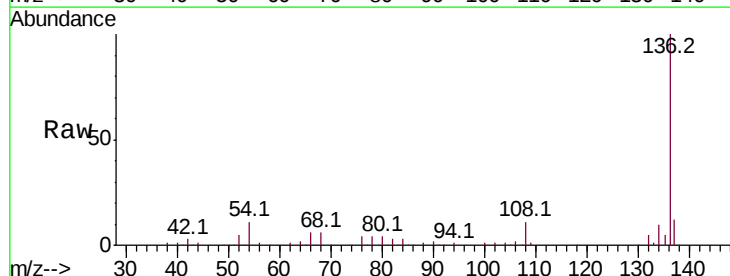
Ion Ratio Lower Upper

136 100

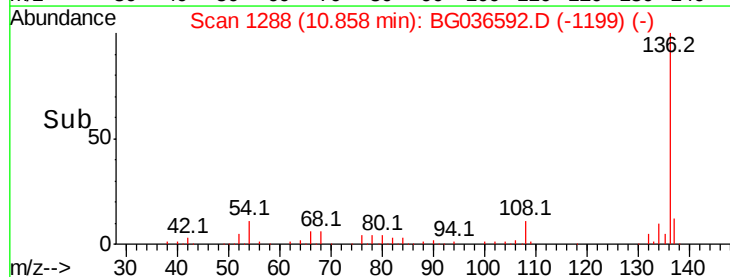
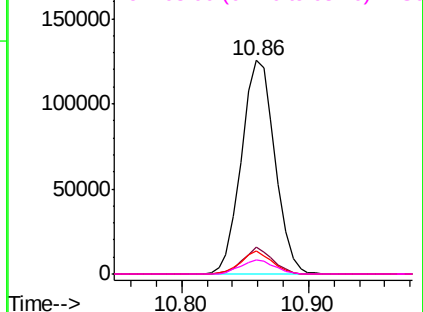
137 12.4 8.8 13.2

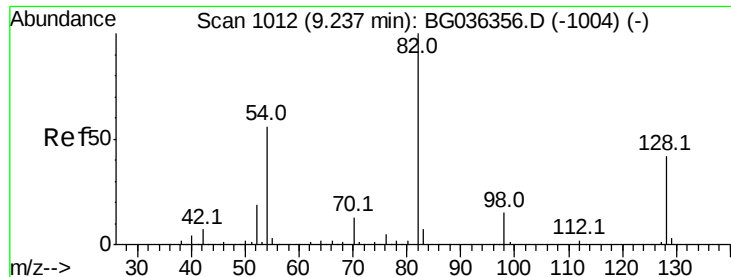
54 10.6 9.2 13.8

68 6.4 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

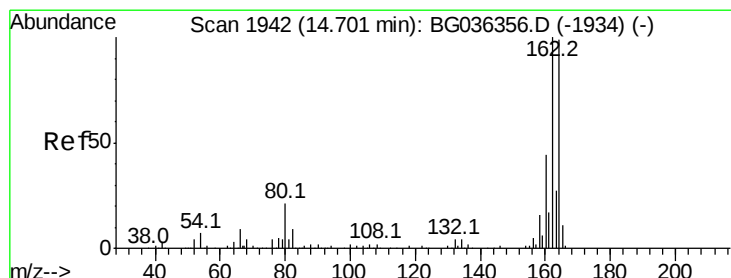
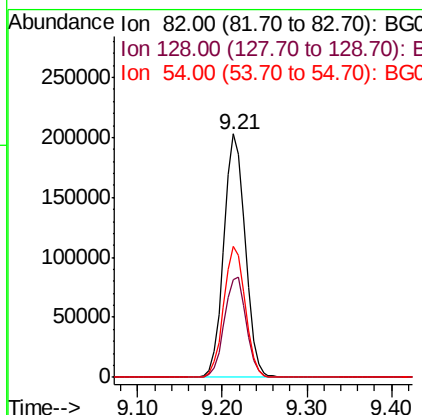
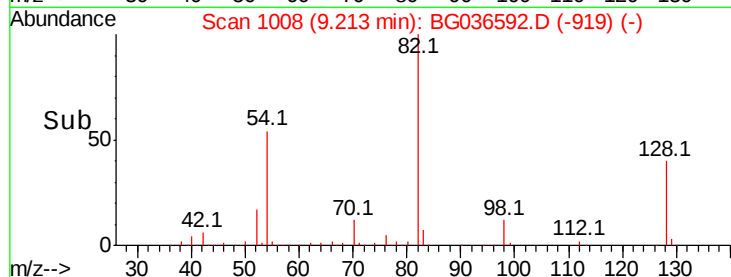
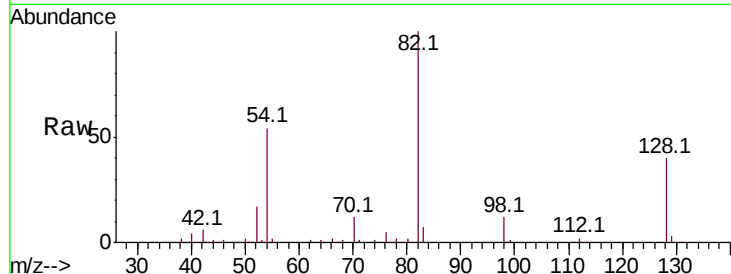




#23
Nitrobenzene-d5
Concen: 83.715 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036592.D
Acq: 7 Sep 2018 11:50

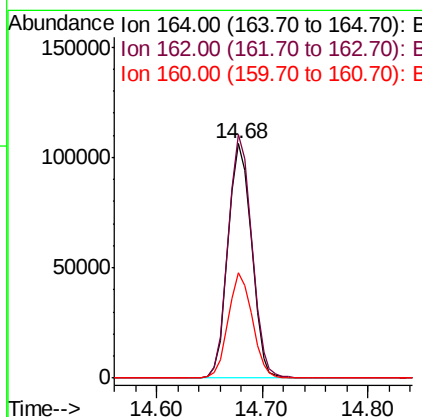
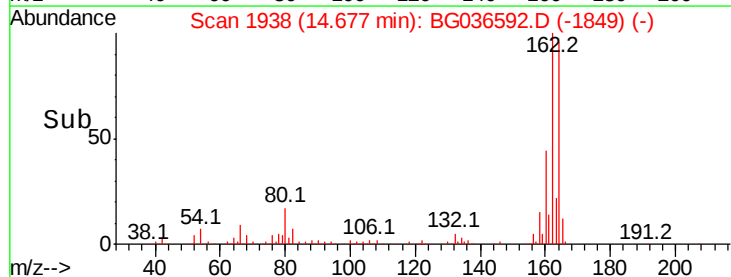
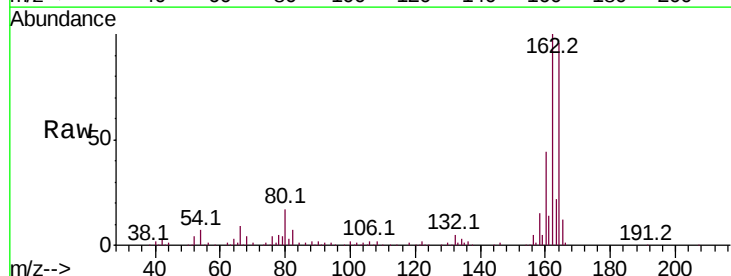
Instrument :
BNA_G
ClientSampleId :
PB112623BL

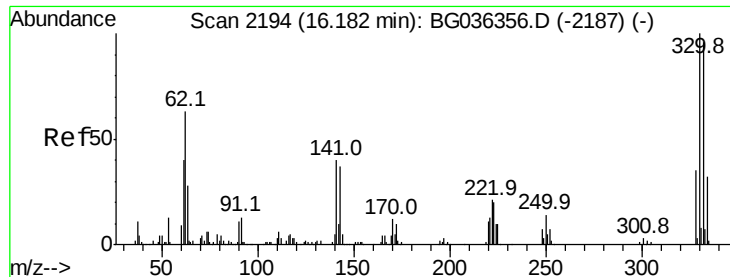
Tot Ion: 82 Resp: 354817
Ion Ratio Lower Upper
82 100
128 40.2 33.3 49.9
54 53.7 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036592.D
Acq: 7 Sep 2018 11:50

Tgt Ion:164 Resp: 163573
Ion Ratio Lower Upper
164 100
162 103.9 80.7 121.1
160 45.2 35.3 52.9

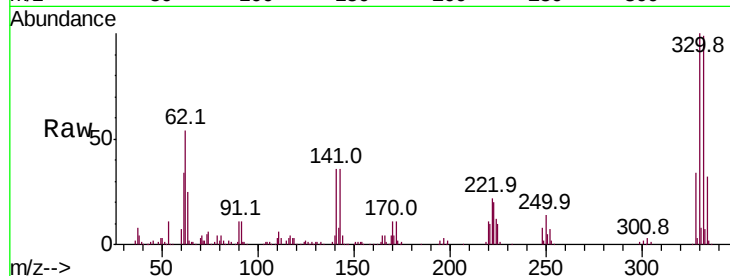




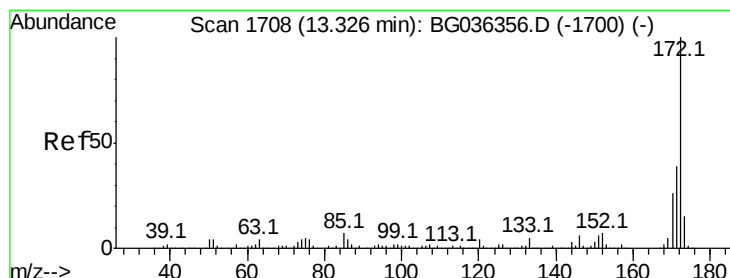
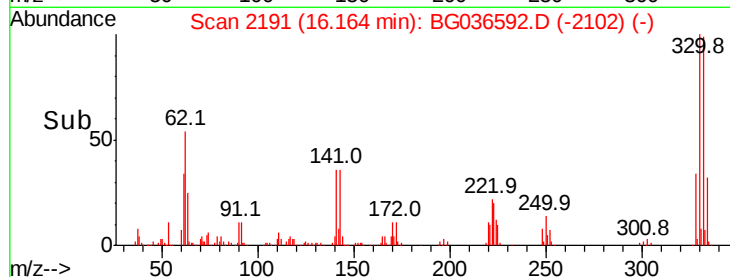
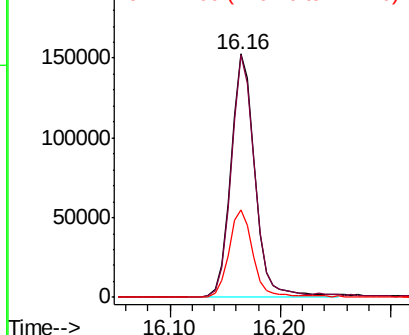
#41
 2,4,6-Tribromophenol
 Concen: 120.388 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036592.D
 Acq: 7 Sep 2018 11:50

Instrument :
 BNA_G
 ClientSampleId :
 PB112623BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	75.4	113.2
141	36.3	30.7	46.1

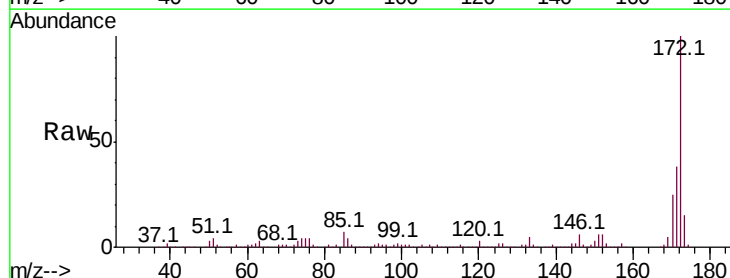


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

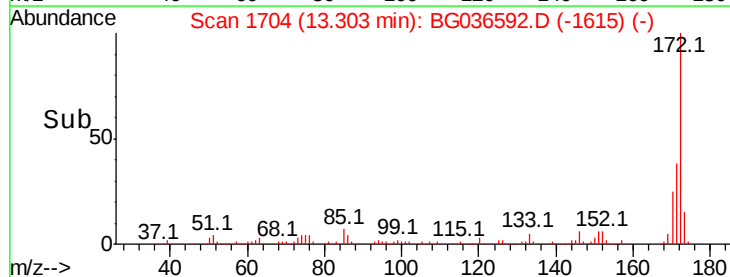
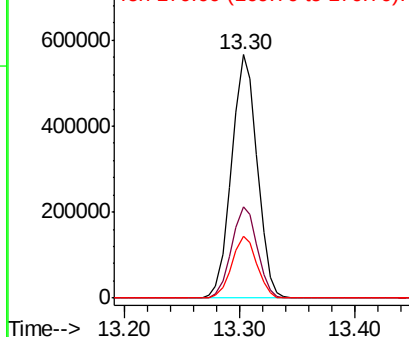


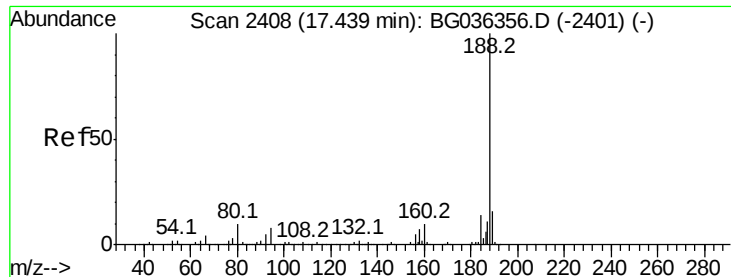
#44
 2-Fluorobiphenyl
 Concen: 75.896 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036592.D
 Acq: 7 Sep 2018 11:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.3	46.9
170	25.5	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

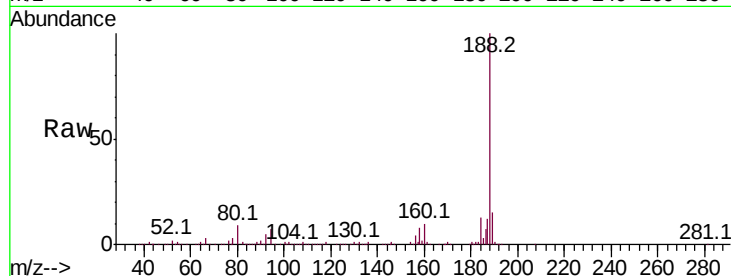




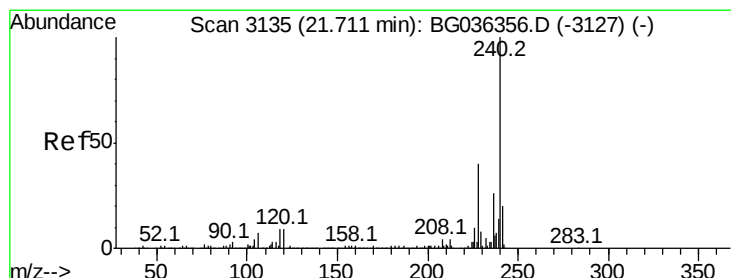
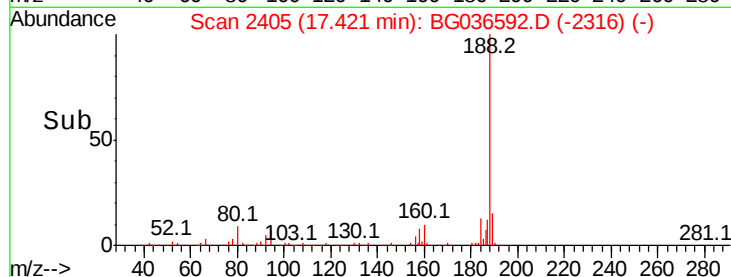
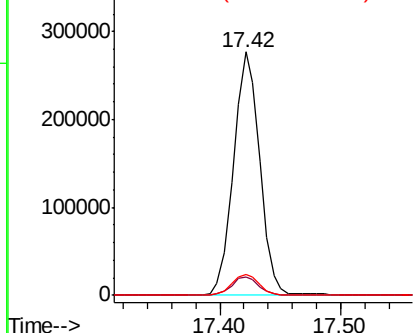
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036592.D
Acq: 7 Sep 2018 11:50

Instrument :
BNA_G
ClientSampleId :
PB112623BL

Tot Ion:188 Resp: 419170
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 8.8 8.1 12.1

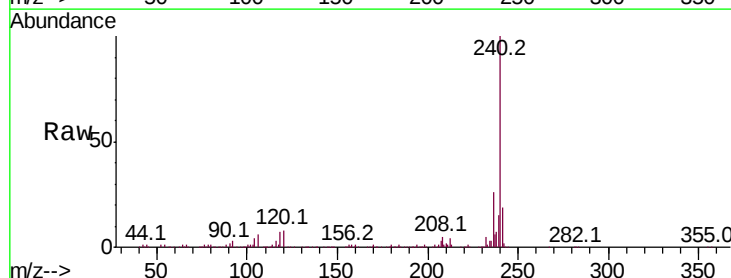


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

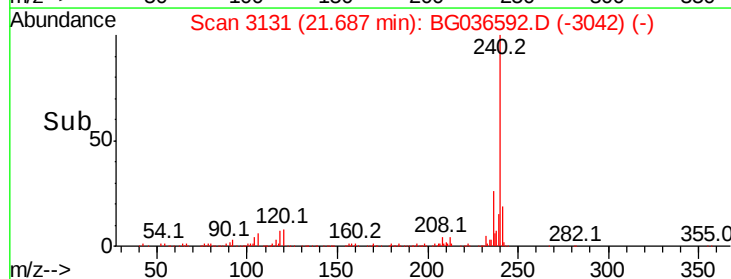
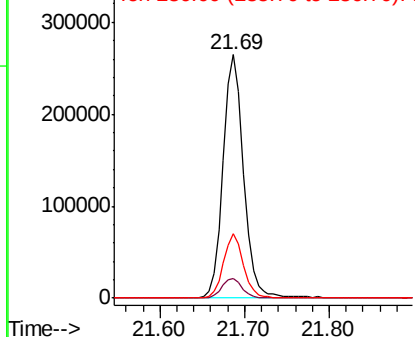


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036592.D
Acq: 7 Sep 2018 11:50

Tgt Ion:240 Resp: 445413
Ion Ratio Lower Upper
240 100
120 8.1 6.9 10.3
236 26.2 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: 79.416 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036592.D

Acq: 7 Sep 2018 11:50

Instrument :

BNA_G

ClientSampled :

PB112623BL

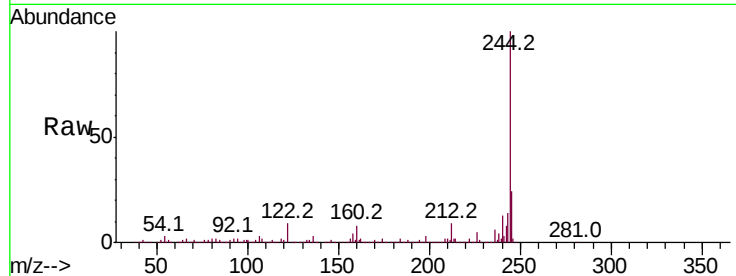
Tot Ion:244 Resp: 1513379

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.2	7.1	10.7

244 100

212 8.9 7.0 10.6

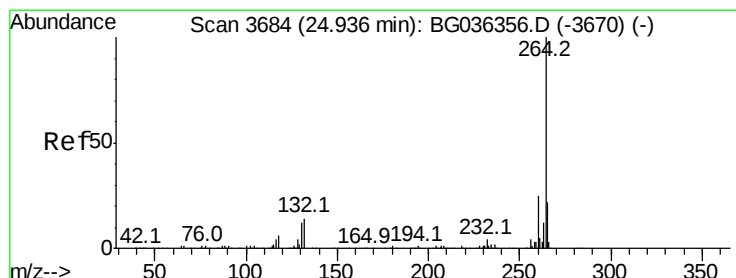
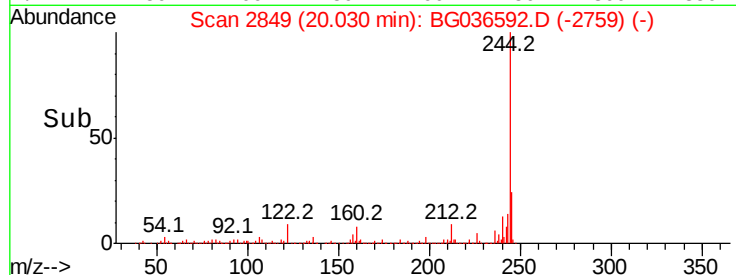
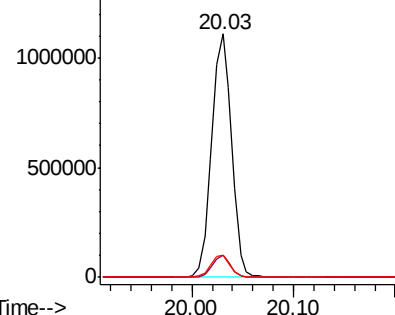
122 9.2 7.1 10.7



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# 3677

Delta R.T. -0.01 min

Lab File: BG036592.D

Acq: 7 Sep 2018 11:50

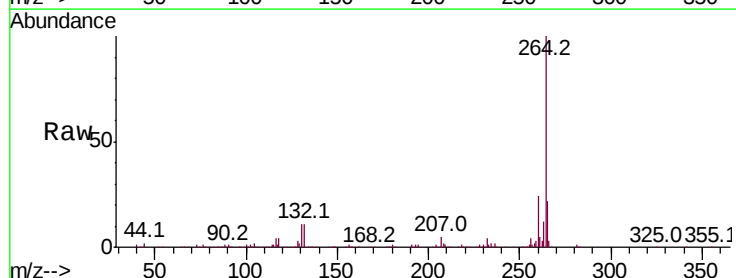
Tgt Ion:264 Resp: 416489

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.5	17.4	26.0

264 100

260 23.7 19.6 29.4

265 21.5 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

