

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036727.D
 Acq On : 15 Sep 2018 5:10
 Operator : JU/SJ
 Sample : PB112841BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112841BL

Quant Time: Sep 15 05:54:54 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	54654	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	218649	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	149404	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	400284	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	422952	20.00	ng	-0.01
86) Perylene-d12	24.89	264	416718	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	428851	124.47	ng	0.00
7) Phenol-d6	7.21	99	592687	120.15	ng	-0.01
23) Nitrobenzene-d5	9.21	82	365384	90.67	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	281729	158.03	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	884751	84.55	ng	-0.01
78) Terphenyl-d14	20.03	244	1589932	87.86	ng	0.00

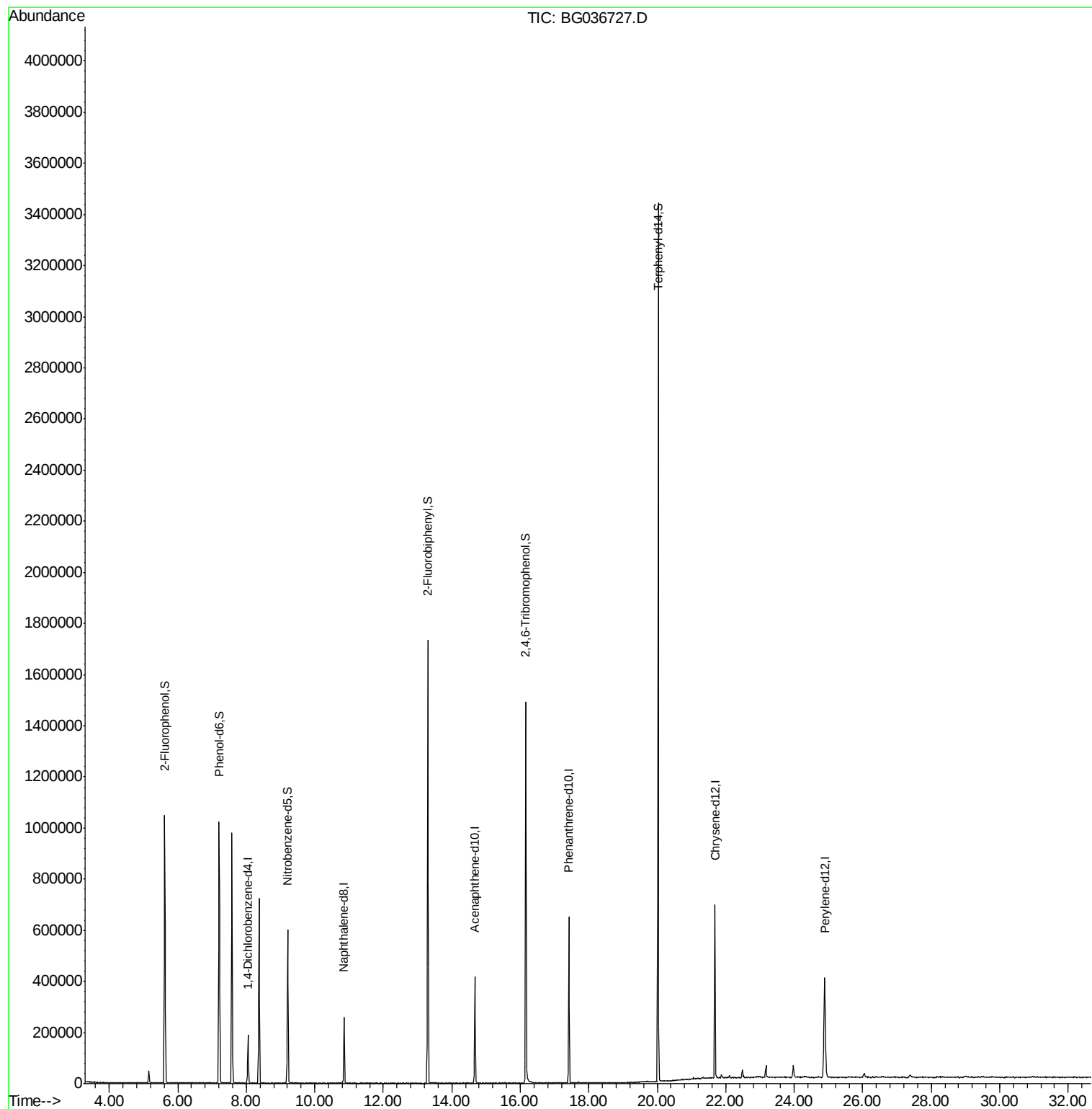
Target Compounds Qvalue

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

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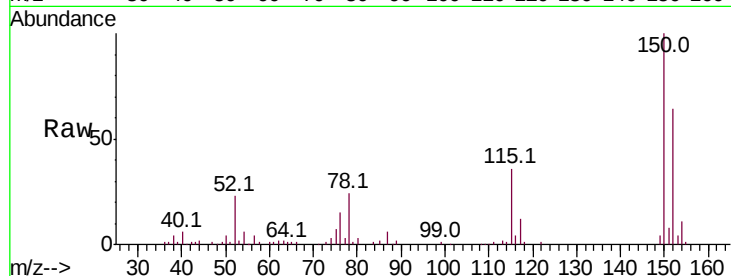


#1

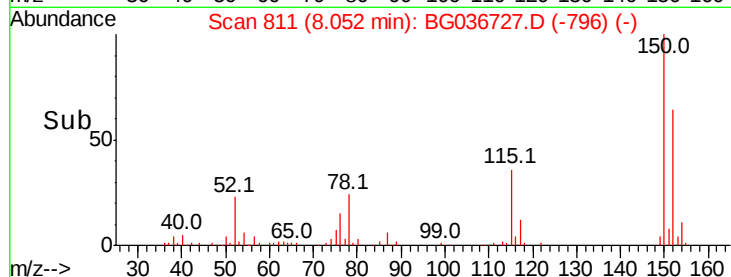
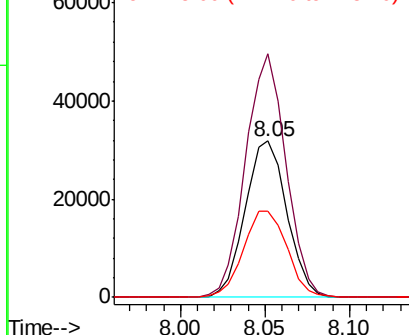
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036727.D
Acq: 15 Sep 2018 5:10

Instrument :
BNA_G
ClientSampleId :
PB112841BL

Tot Ion:152 Resp: 54654
Ion Ratio Lower Upper
152 100
150 155.8 119.5 179.3
115 55.5 44.5 66.7



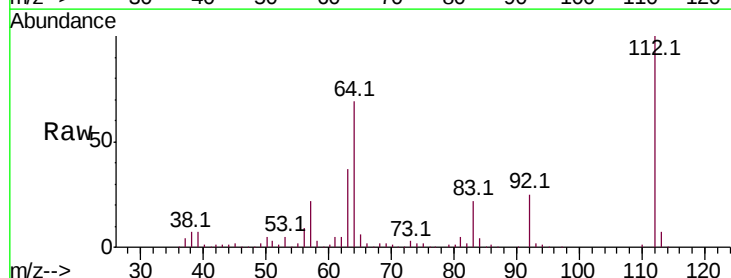
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



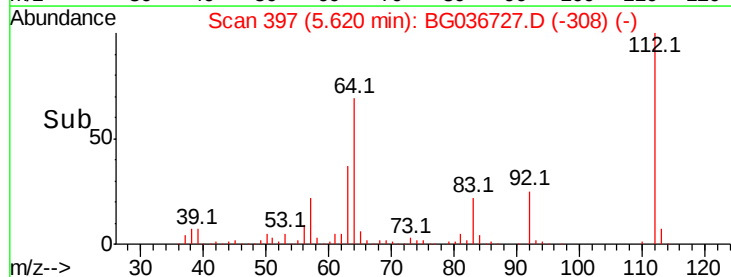
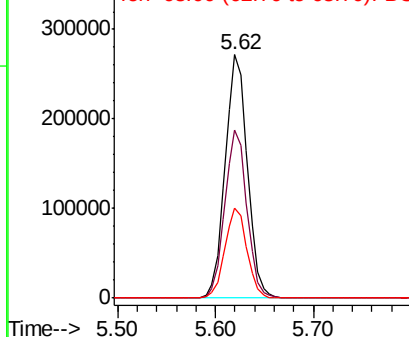
#5

2-Fluorophenol
Concen: 124.471 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036727.D
Acq: 15 Sep 2018 5:10

Tgt Ion:112 Resp: 428851
Ion Ratio Lower Upper
112 100
64 69.3 57.2 85.8
63 37.1 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: 120.149 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036727.D

Acq: 15 Sep 2018 5:10

Instrument :

BNA_G

ClientSampleId :

PB112841BL

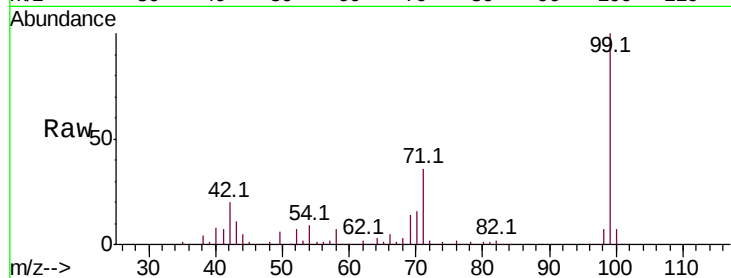
Tot Ion: 99 Resp: 592687

Ion Ratio Lower Upper

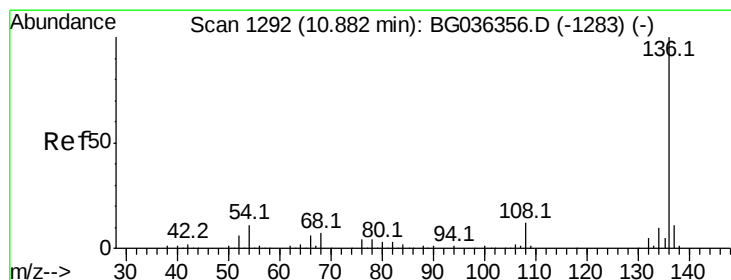
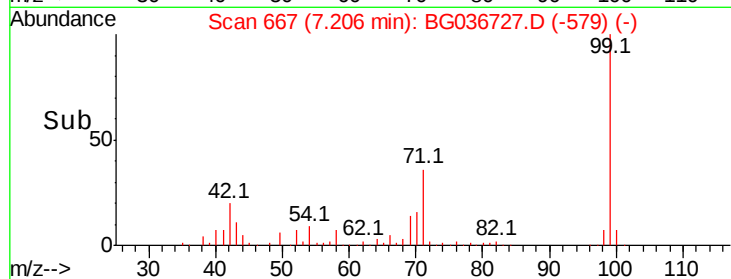
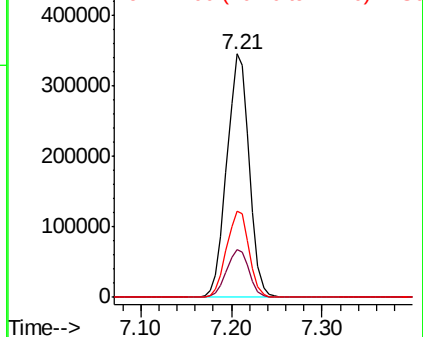
99 100

42 19.6 16.5 24.7

71 35.6 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: 10.85 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036727.D

Acq: 15 Sep 2018 5:10

Tgt Ion: 136 Resp: 218649

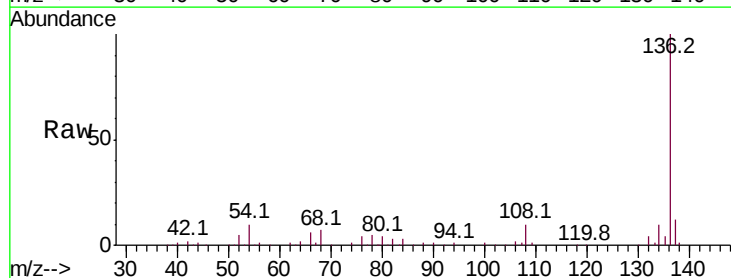
Ion Ratio Lower Upper

136 100

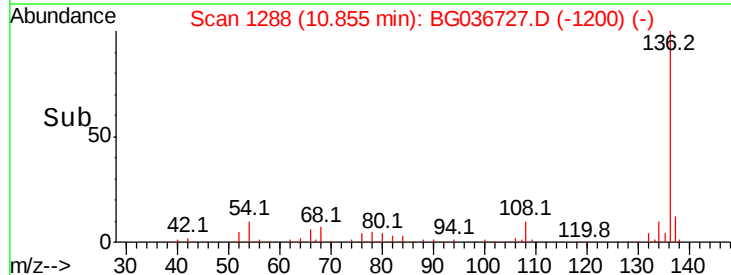
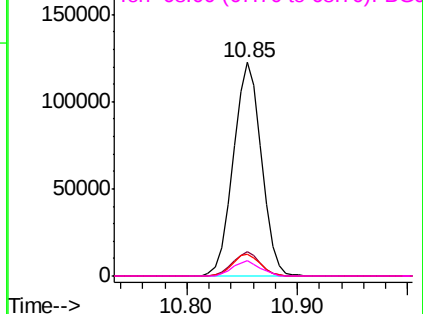
137 11.6 8.8 13.2

54 10.3 9.2 13.8

68 7.0 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

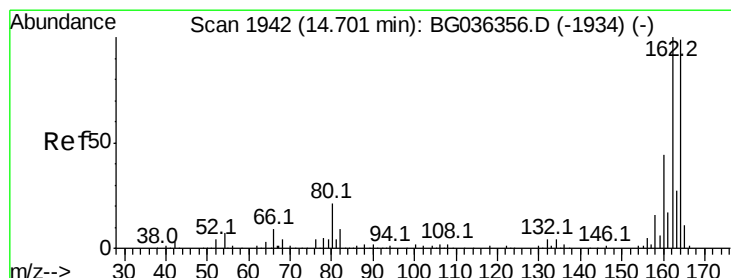
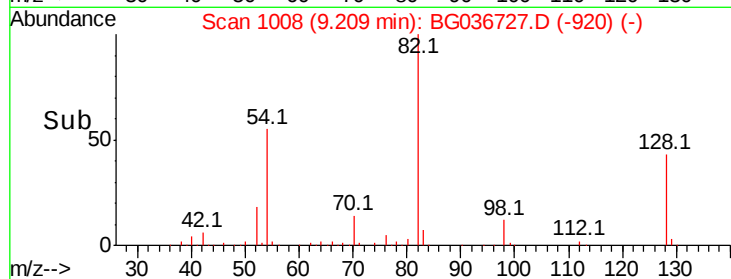
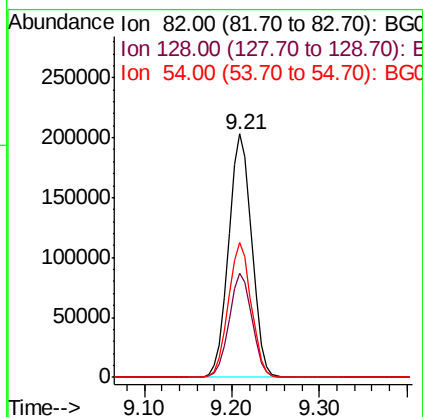
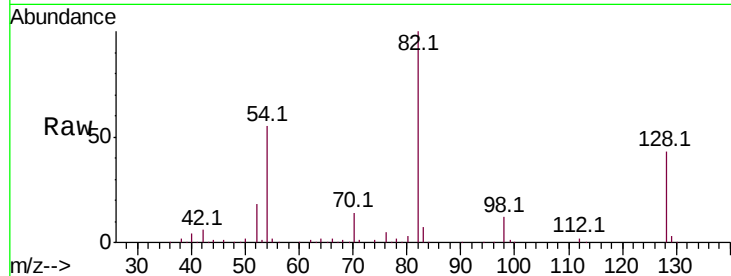




#23
 Nitrobenzene-d5
 Concen: 90.668 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036727.D
 Acq: 15 Sep 2018 5:10

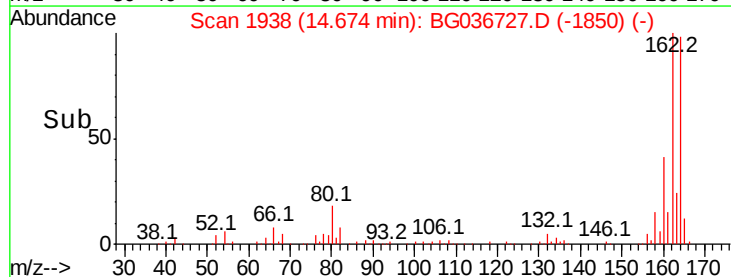
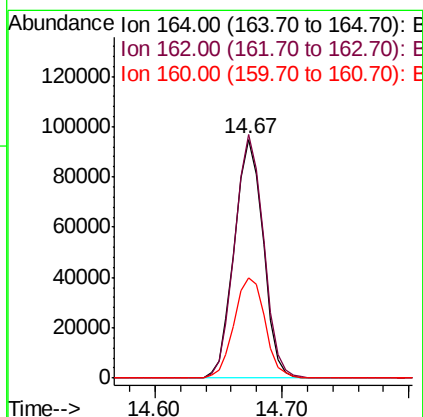
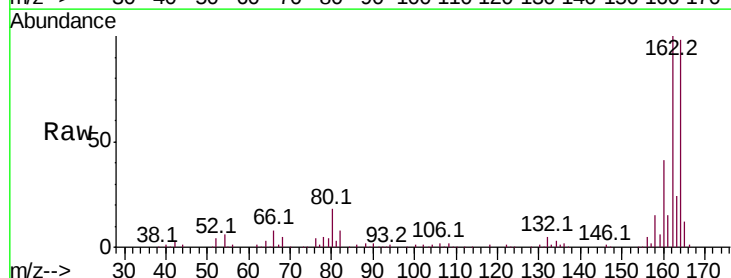
Instrument :
 BNA_G
 ClientSampleId :
 PB112841BL

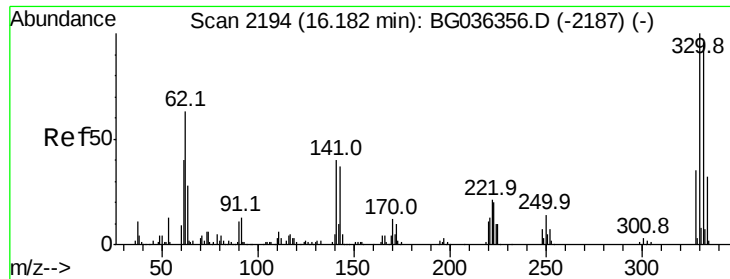
Tot Ion	82	Resp	365384
Ion Ratio	Lower	Upper	
82	100		
128	42.6	33.3	49.9
54	55.4	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036727.D
 Acq: 15 Sep 2018 5:10

Tgt Ion	164	Resp	149404
Ion Ratio	Lower	Upper	
164	100		
162	102.1	80.7	121.1
160	42.1	35.3	52.9

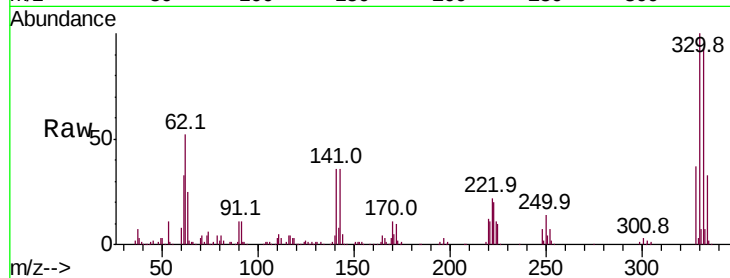




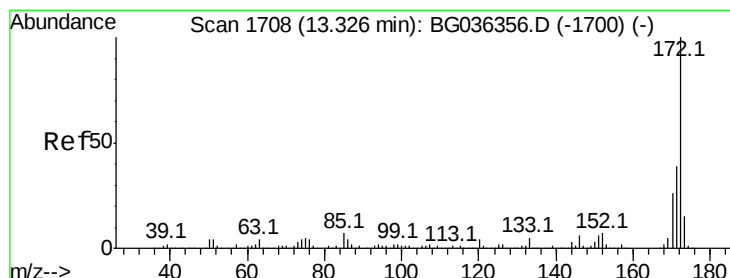
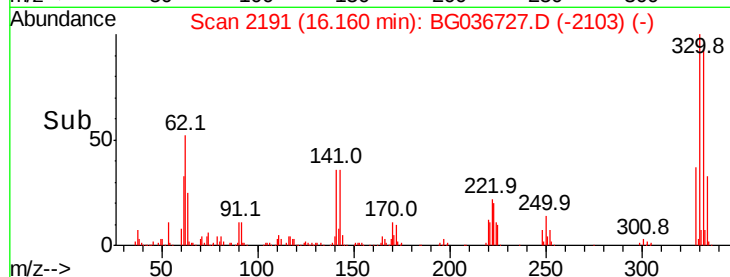
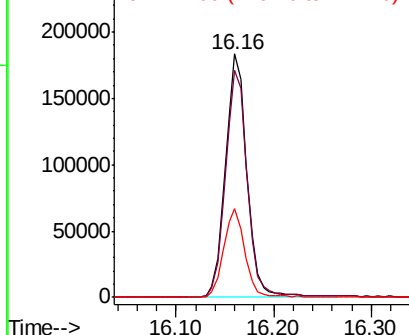
#41
 2,4,6-Tribromophenol
 Concen: 158.033 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036727.D
 Acq: 15 Sep 2018 5:10

Instrument :
 BNA_G
 ClientSampleId :
 PB112841BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.4	113.2
141	36.1	30.7	46.1

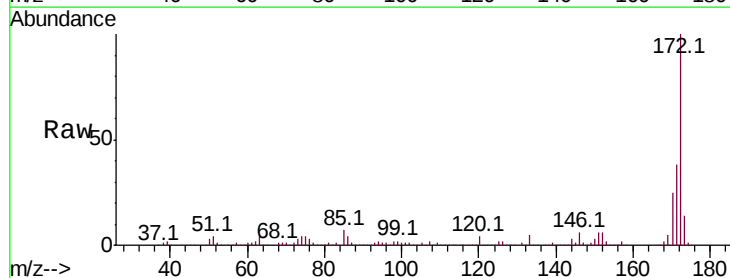


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

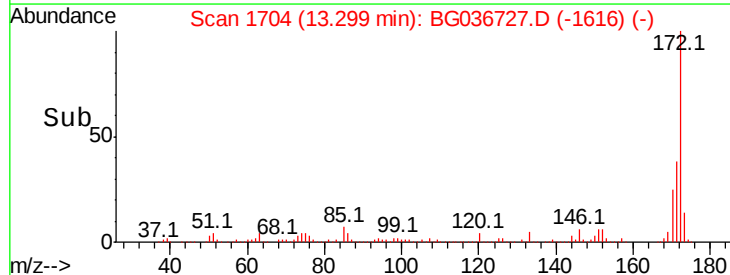
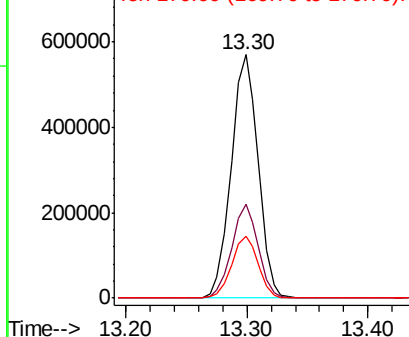


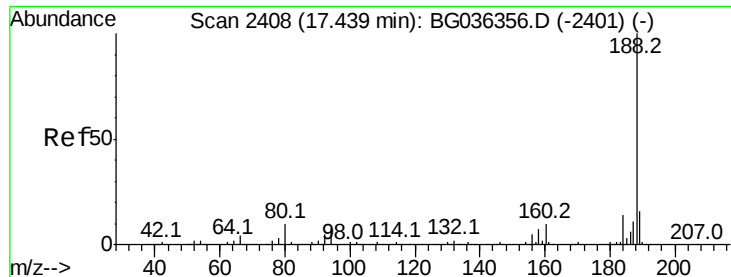
#44
 2-Fluorobiphenyl
 Concen: 84.554 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036727.D
 Acq: 15 Sep 2018 5:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	25.2	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

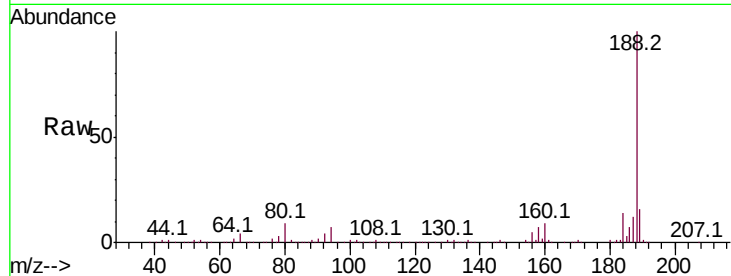




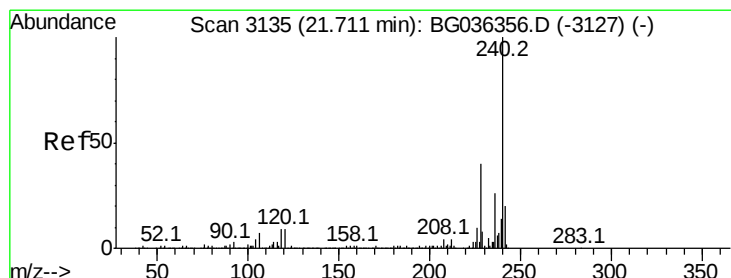
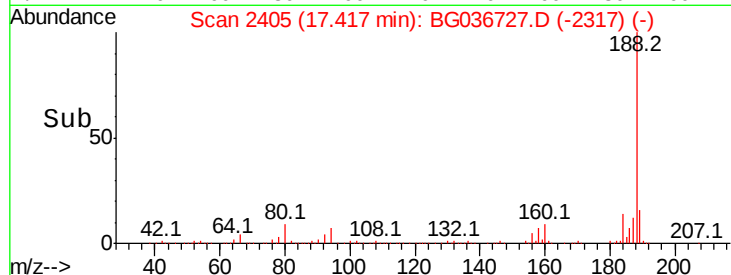
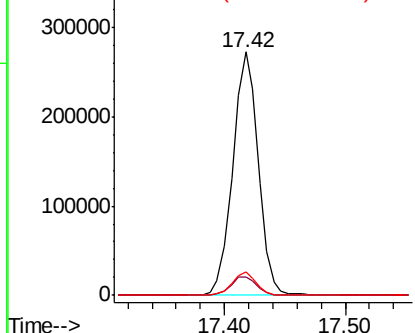
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036727.D
Acq: 15 Sep 2018 5:10

Instrument :
BNA_G
ClientSampleId :
PB112841BL

Tot Ion:188 Resp: 400284
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 9.4 8.1 12.1

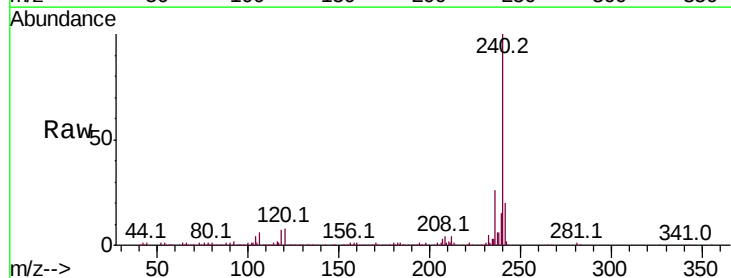


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

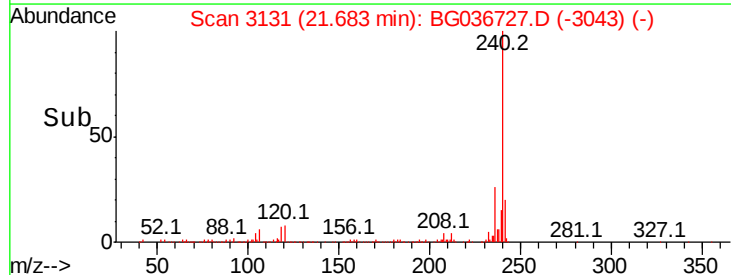
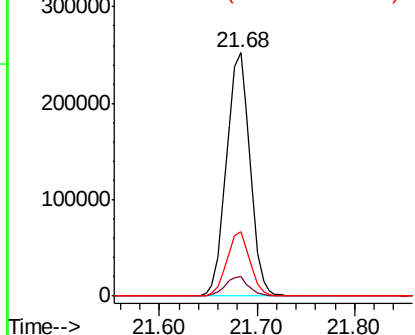


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036727.D
Acq: 15 Sep 2018 5:10

Tgt Ion:240 Resp: 422952
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 26.5 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: 87.864 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036727.D

Acq: 15 Sep 2018 5:10

Instrument :

BNA_G

ClientSampleId :

PB112841BL

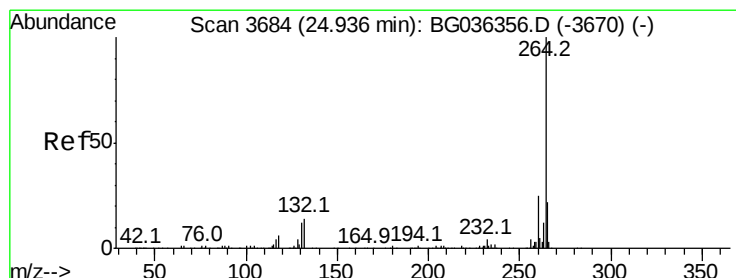
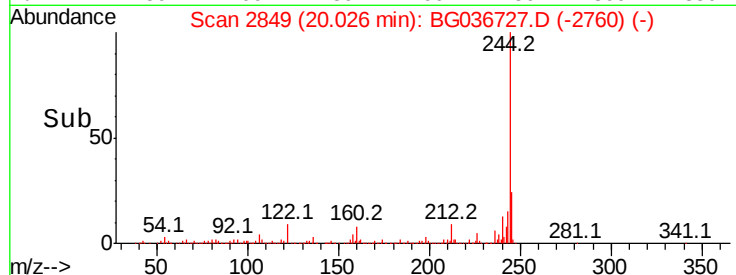
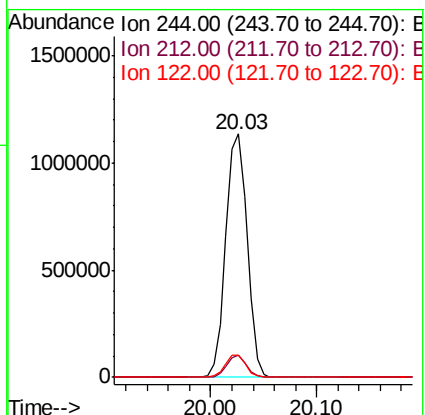
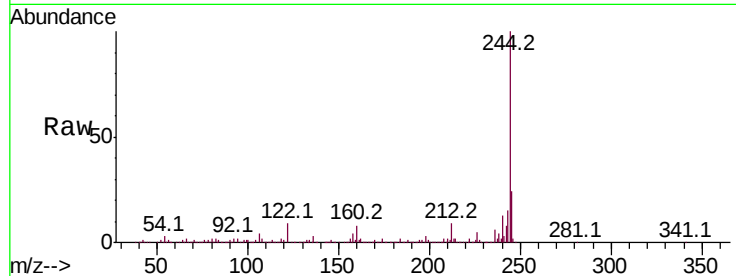
Tot Ion:244 Resp: 1589932

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

244 100

212 9.1 7.0 10.6

122 9.1 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.02 min

Lab File: BG036727.D

Acq: 15 Sep 2018 5:10

Tgt Ion:264 Resp: 416718

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.9	17.4	26.0

264 100

260 23.7 19.6 29.4

265 21.9 17.4 26.0

