

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082818\
 Data File : BG036477.D
 Acq On : 29 Aug 2018 3:27
 Operator : JU/SJ
 Sample : PB112436TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112436TB

Quant Time: Aug 29 05:51:55 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	8.06	152	59474	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	250502	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	168251	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	455630	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	490312	20.00	ng	-0.02
86) Perylene-d12	24.90	264	488770	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	465305	124.11	ng	0.00
7) Phenol-d6	7.22	99	667898	124.42	ng	0.00
23) Nitrobenzene-d5	9.22	82	387414	83.91	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	282367	140.65	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	952966	80.87	ng	-0.01
78) Terphenyl-d14	20.03	244	1716681	81.84	ng	-0.02

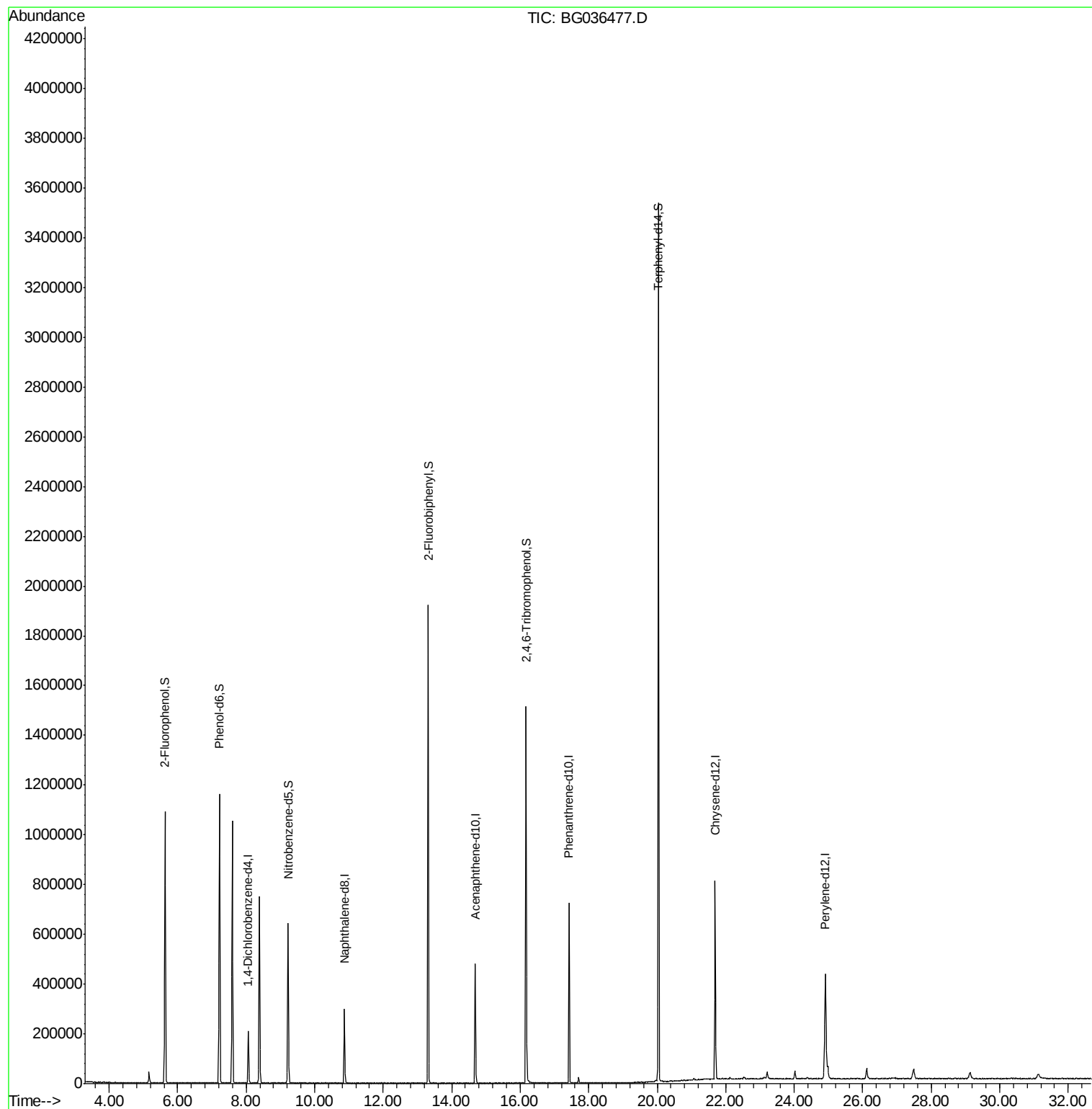
Target Compounds Qvalue

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

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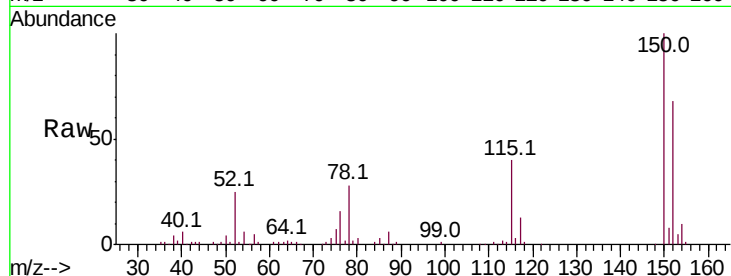


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG036477.D
 Acq: 29 Aug 2018 3:27

Instrument :
 BNA_G
 ClientSampleId :
 PB112436TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.3	119.5	179.3
115	59.1	44.5	66.7

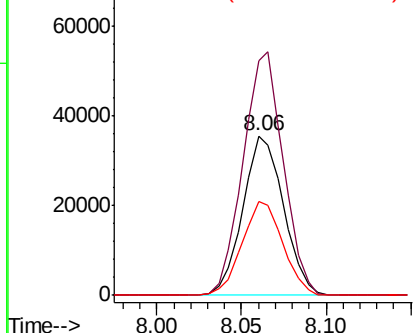
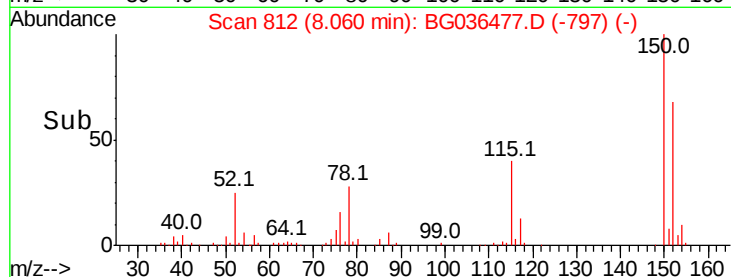


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

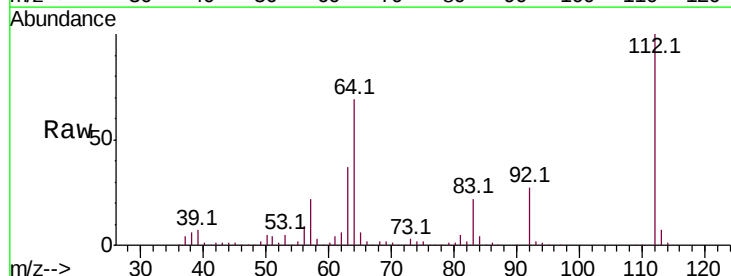
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 124.106 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BG036477.D
 Acq: 29 Aug 2018 3:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	57.2	85.8
63	37.1	30.8	46.2

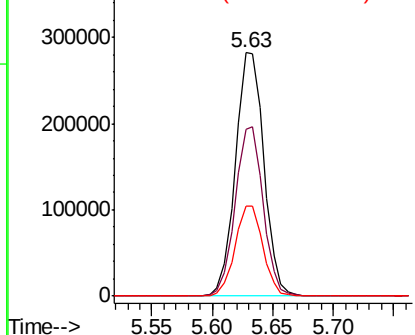
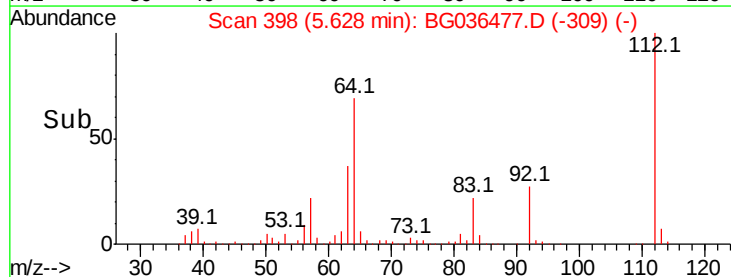


Abundance

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: 124.422 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036477.D

Acq: 29 Aug 2018 3:27

Instrument :

BNA_G

ClientSampleId :

PB112436TB

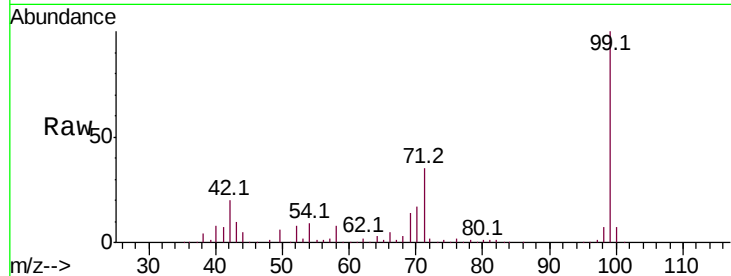
Tot Ion: 99 Resp: 667898

Ion Ratio Lower Upper

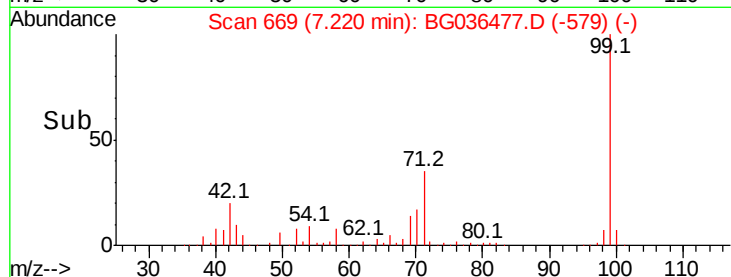
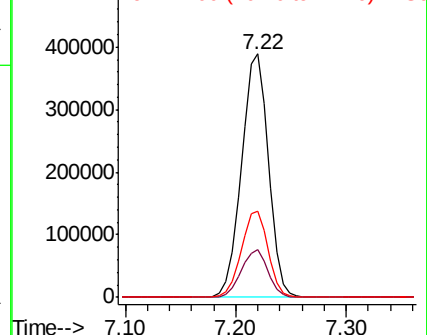
99 100

42 19.6 16.5 24.7

71 35.5 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# 1290

Delta R.T. -0.01 min

Lab File: BG036477.D

Acq: 29 Aug 2018 3:27

Tgt Ion: 136 Resp: 250502

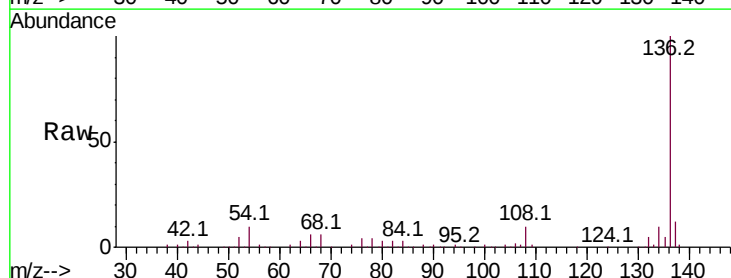
Ion Ratio Lower Upper

136 100

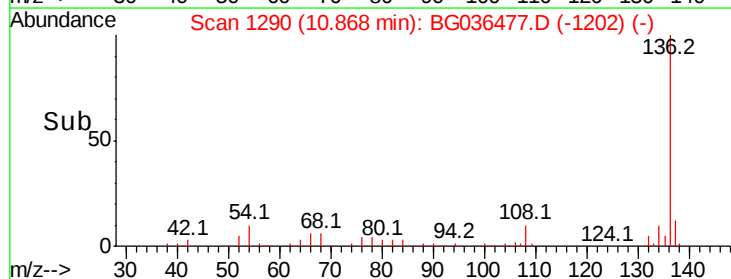
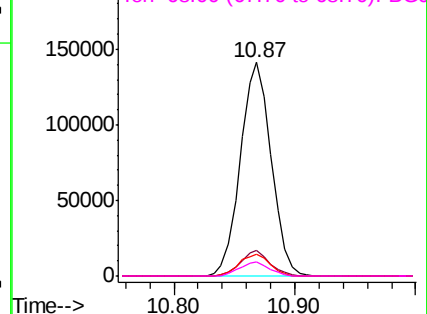
137 12.0 8.8 13.2

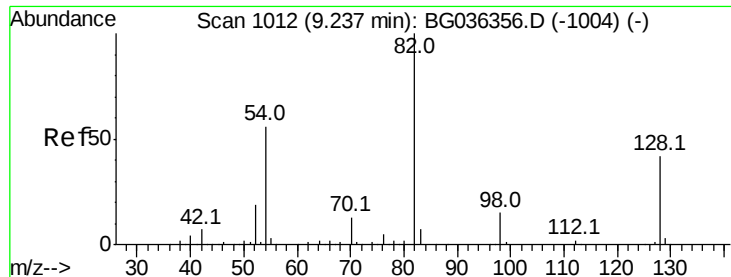
54 10.0 9.2 13.8

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

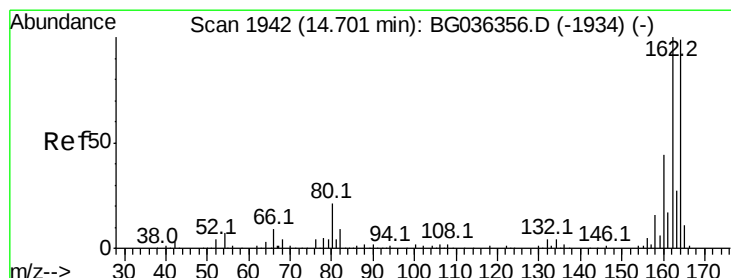
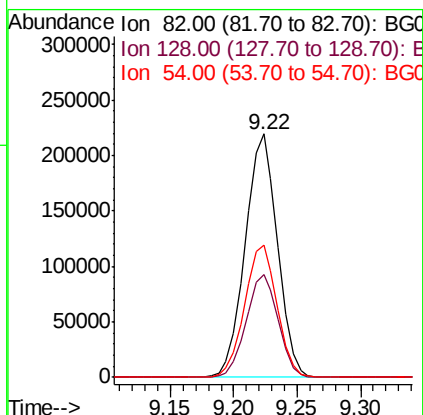
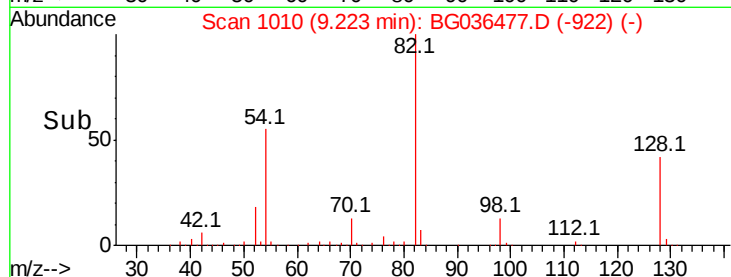
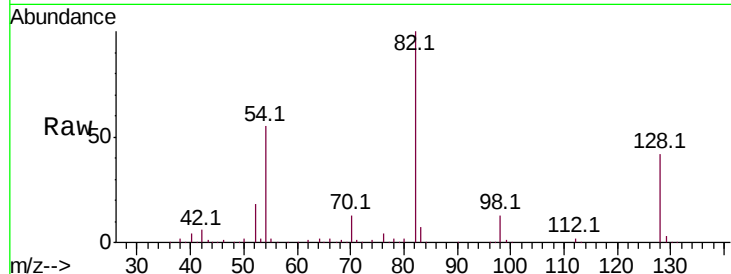




#23
 Nitrobenzene-d5
 Concen: 83.911 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG036477.D
 Acq: 29 Aug 2018 3:27

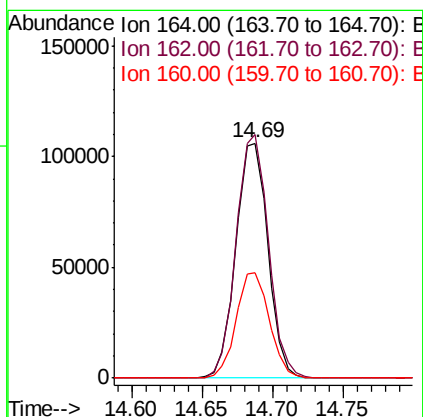
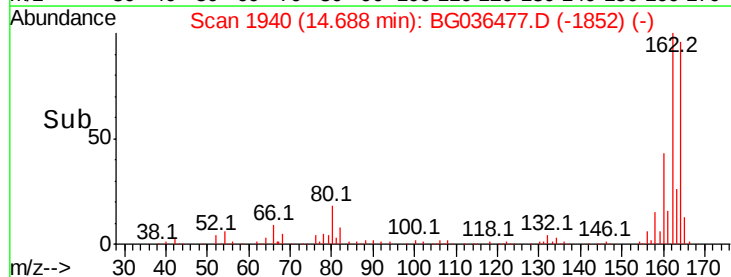
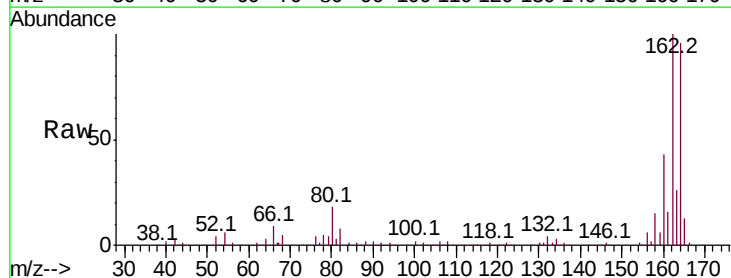
Instrument :
 BNA_G
 ClientSampleId :
 PB112436TB

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.3	49.9
54	54.5	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: BG036477.D
 Acq: 29 Aug 2018 3:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	80.7	121.1
160	44.8	35.3	52.9

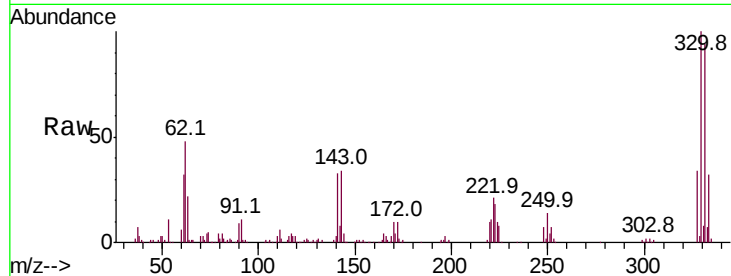




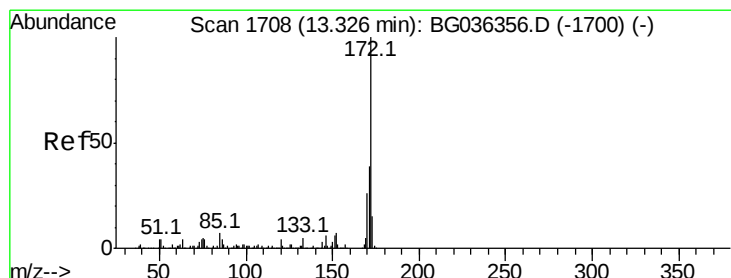
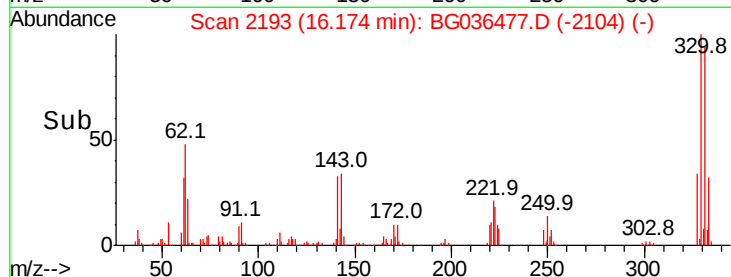
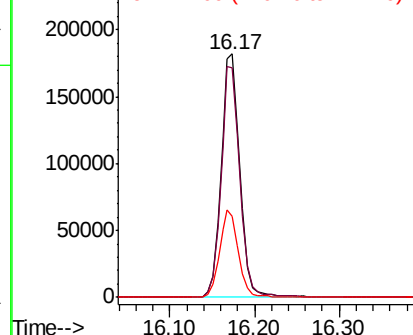
#41
 2,4,6-Tribromophenol
 Concen: 140.648 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036477.D
 Acq: 29 Aug 2018 3:27

Instrument :
 BNA_G
 ClientSampleId :
 PB112436TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.4	113.2
141	36.0	30.7	46.1

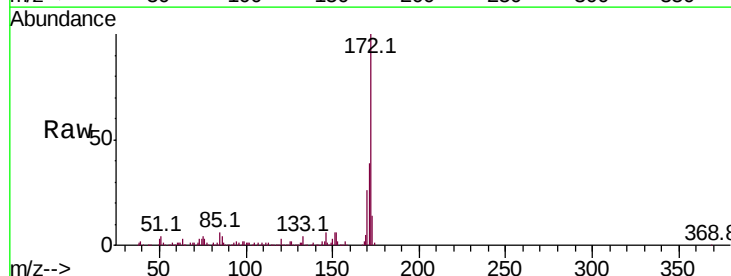


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

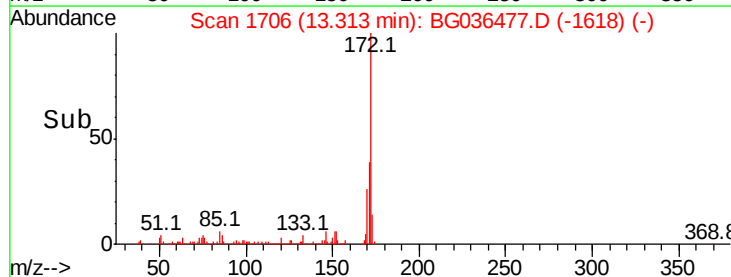
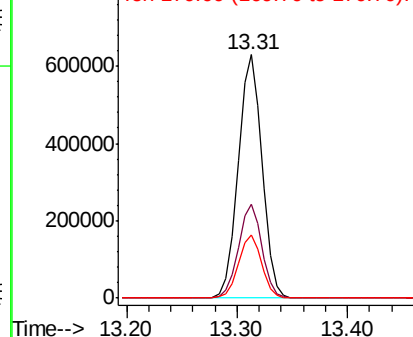


#44
 2-Fluorobiphenyl
 Concen: 80.871 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036477.D
 Acq: 29 Aug 2018 3:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	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

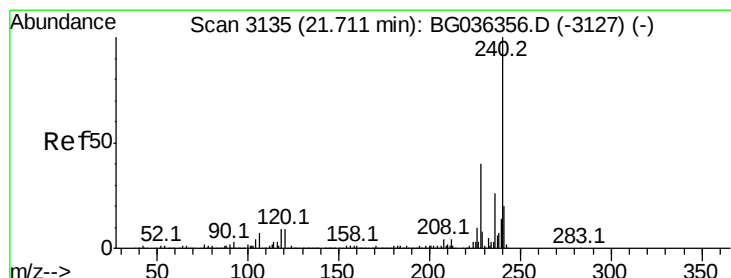
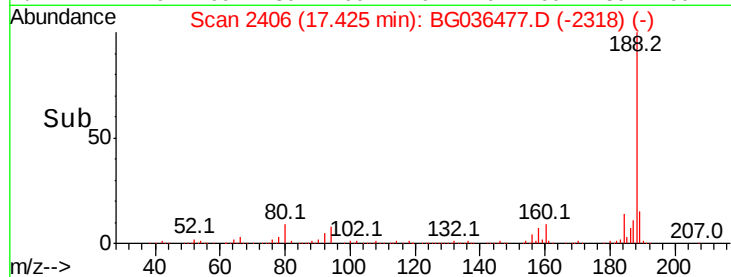
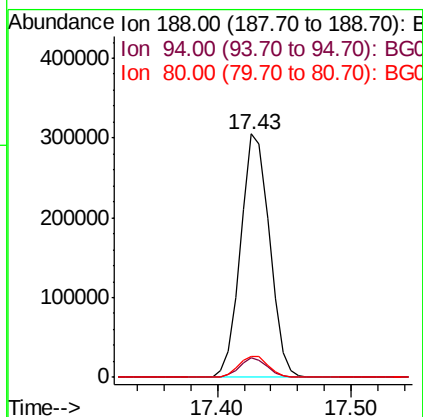
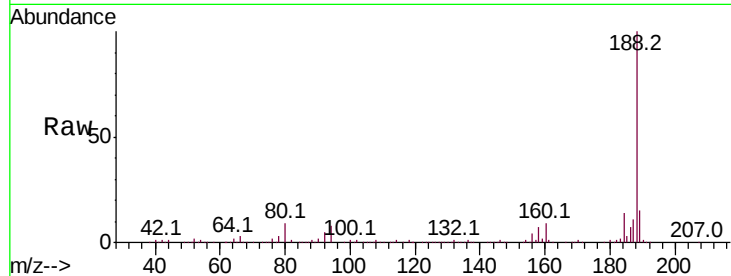




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036477.D
Acq: 29 Aug 2018 3:27

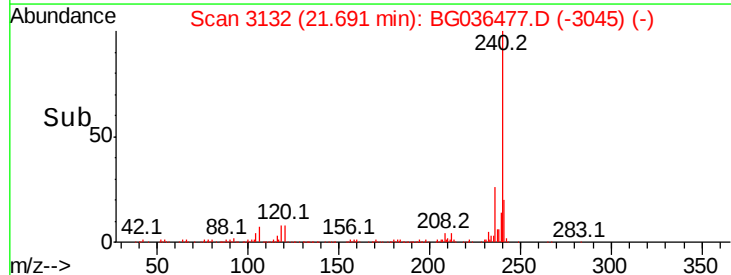
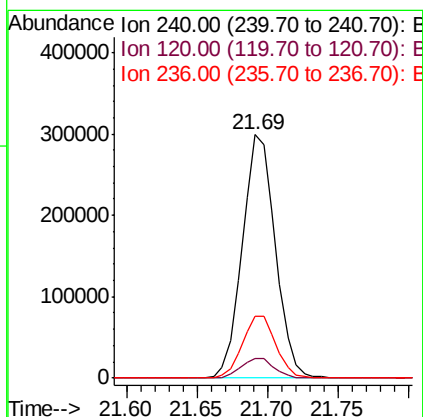
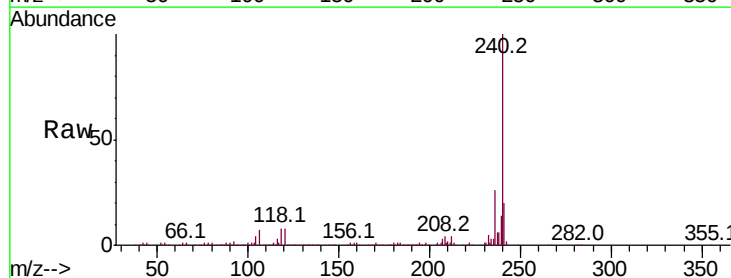
Instrument :
BNA_G
ClientSampleId :
PB112436TB

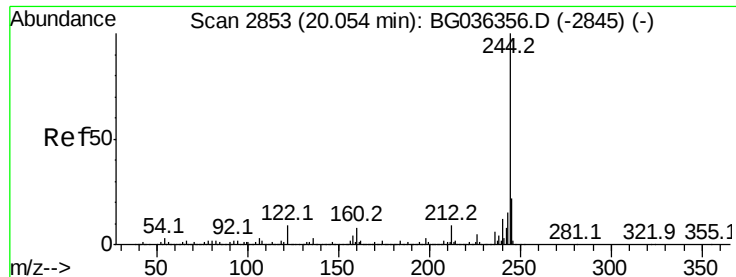
Tot Ion:188 Resp: 455630
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 8.7 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BG036477.D
Acq: 29 Aug 2018 3:27

Tgt Ion:240 Resp: 490312
Ion Ratio Lower Upper
240 100
120 8.1 6.9 10.3
236 25.6 21.2 31.8





#78

Terphenyl-d14

Concen: 81.835 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036477.D

Acq: 29 Aug 2018 3:27

Instrument :

BNA_G

ClientSampleId :

PB112436TB

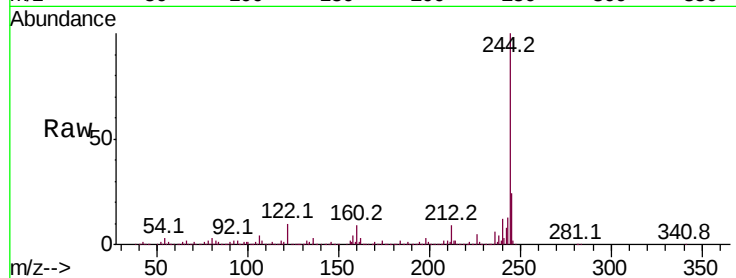
Tot Ion:244 Resp: 1716681

Ion Ratio Lower Upper

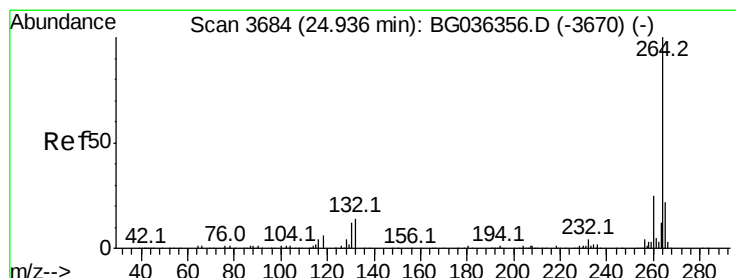
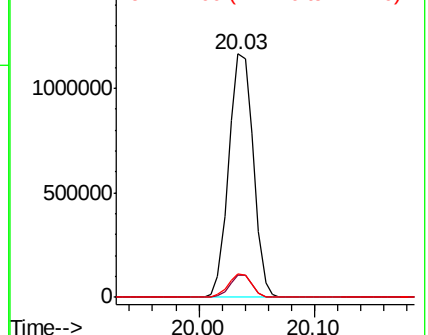
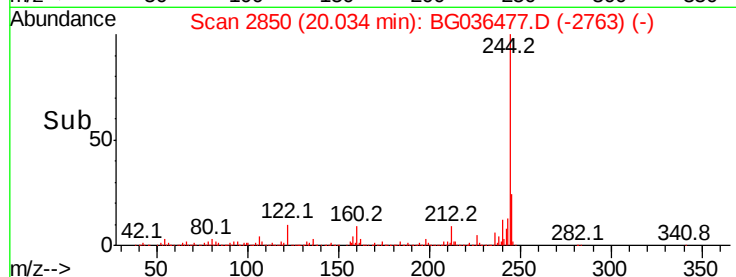
244 100

212 9.2 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: 24.90 min Scan# 3679

Delta R.T. -0.03 min

Lab File: BG036477.D

Acq: 29 Aug 2018 3:27

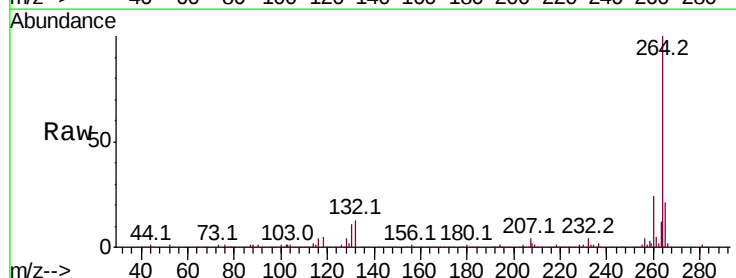
Tgt Ion:264 Resp: 488770

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 20.9 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

