

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036654.D
 Acq On : 11 Sep 2018 9:56
 Operator : JU/SJ
 Sample : J4777-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-05-090718-A

Quant Time: Sep 11 11:24:29 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	54918	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	234604	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	158626	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	411318	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	408963	20.00	ng	-0.01
86) Perylene-d12	24.90	264	294803	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	367966	106.29	ng	0.00
7) Phenol-d6	7.21	99	476556	96.14	ng	-0.01
23) Nitrobenzene-d5	9.22	82	353919	81.85	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	194584	102.80	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	839663	75.58	ng	-0.01
78) Terphenyl-d14	20.03	244	1468041	83.90	ng	0.00

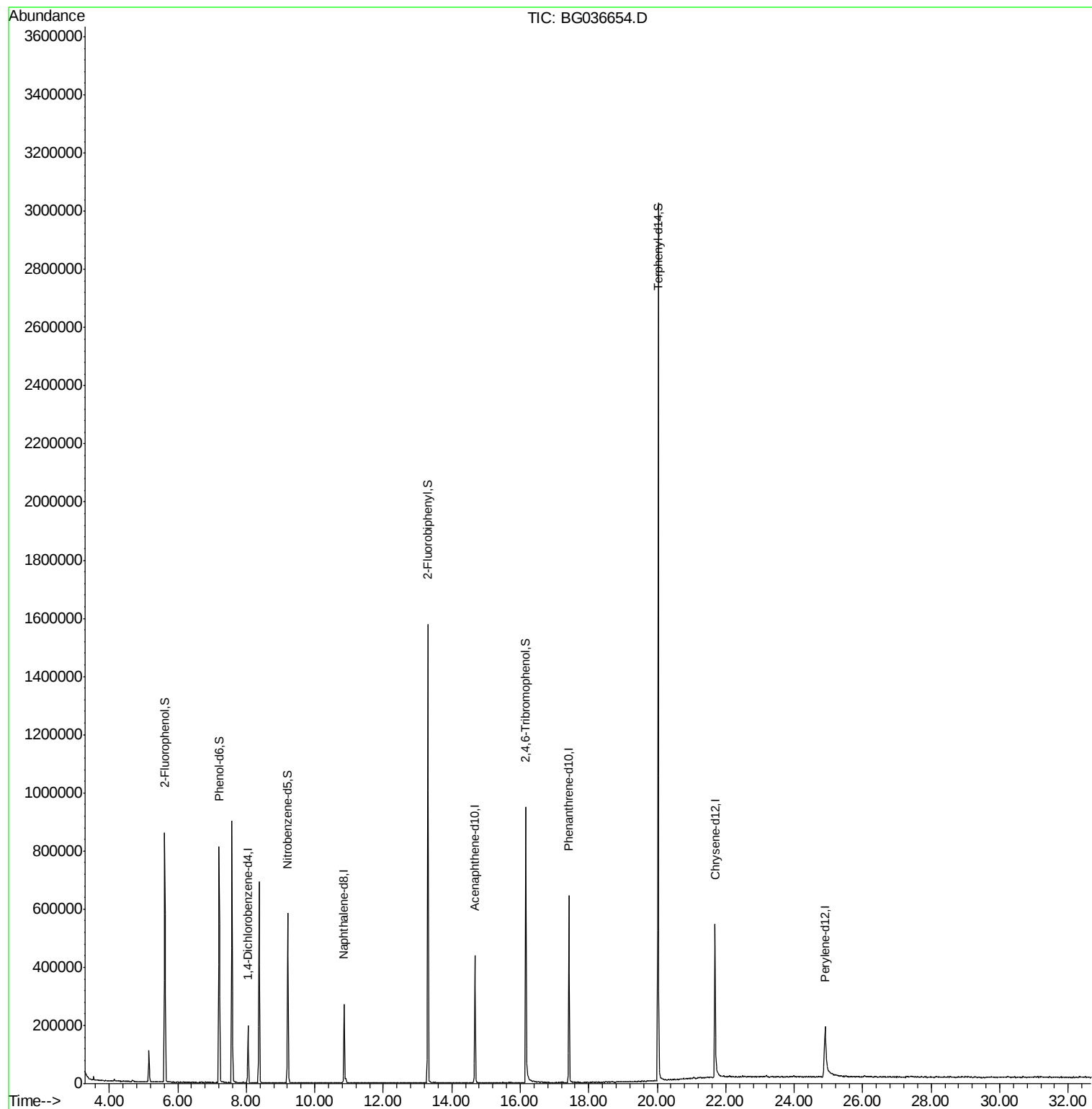
Target Compounds Qvalue

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

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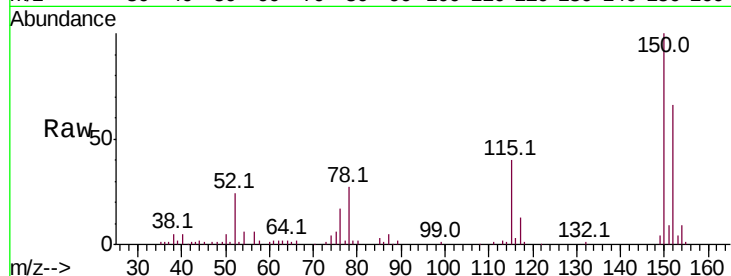


#1

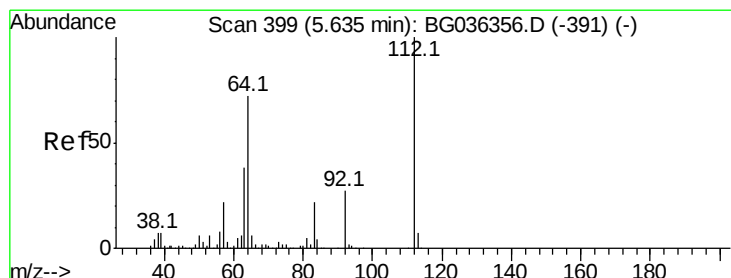
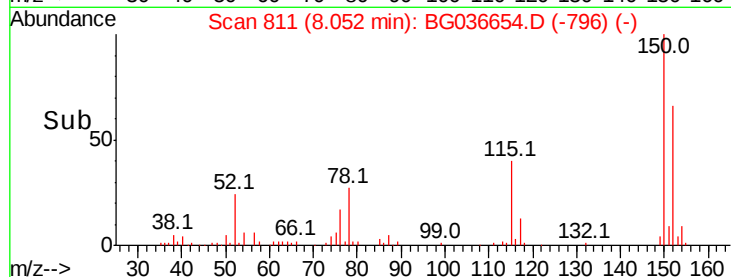
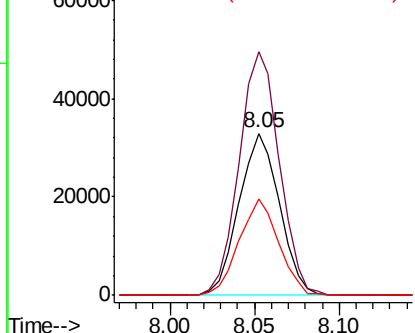
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036654.D
Acq: 11 Sep 2018 9:56

Instrument :
BNA_G
ClientSampleId :
PL-05-090718-A

Tot Ion:152 Resp: 54918
Ion Ratio Lower Upper
152 100
150 150.5 119.5 179.3
115 59.6 44.5 66.7



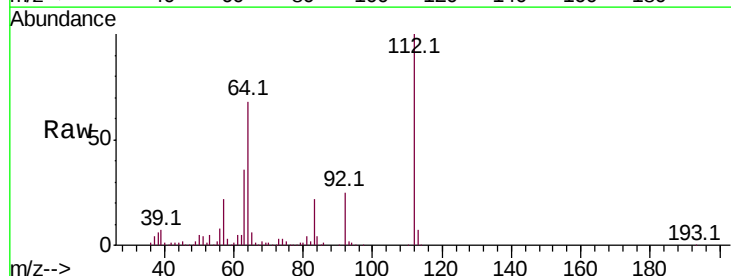
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



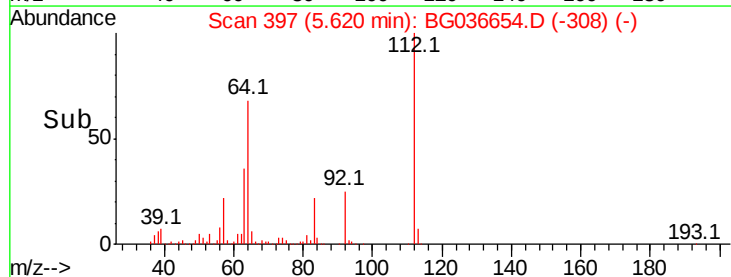
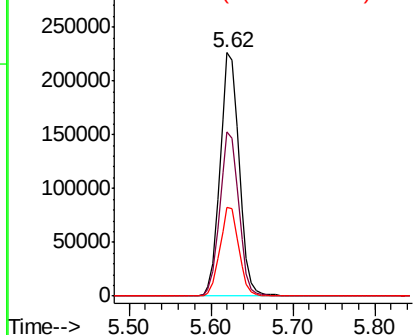
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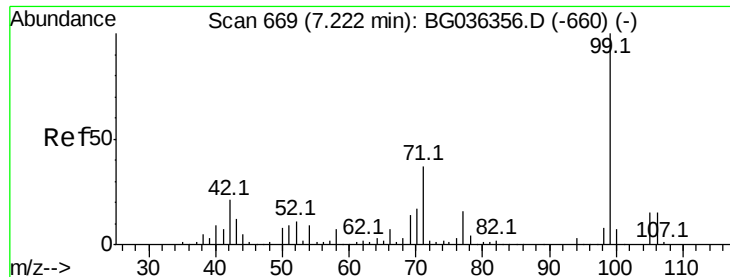
2-Fluorophenol
Concen: 106.286 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036654.D
Acq: 11 Sep 2018 9:56

Tgt Ion:112 Resp: 367966
Ion Ratio Lower Upper
112 100
64 67.6 57.2 85.8
63 36.3 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: 96.142 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036654.D

Acq: 11 Sep 2018 9:56

Instrument :

BNA_G

ClientSampleId :

PL-05-090718-A

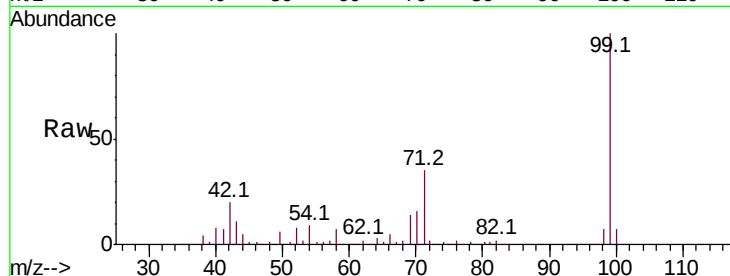
Tot Ion: 99 Resp: 476556

Ion Ratio Lower Upper

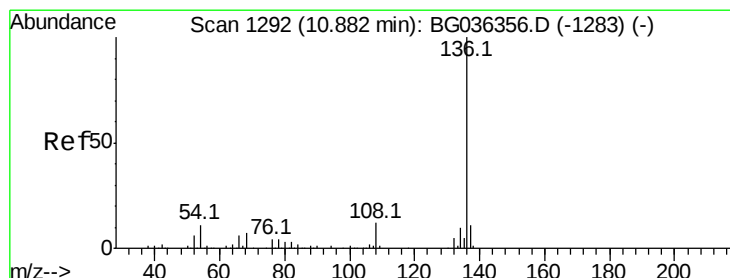
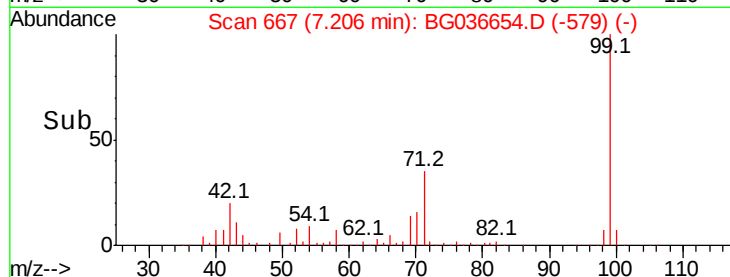
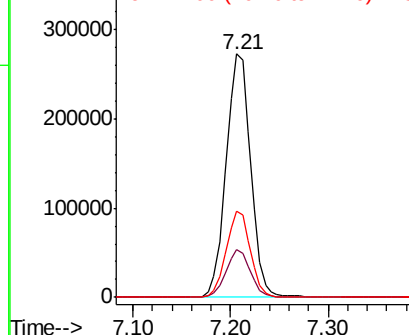
99 100

42 19.7 16.5 24.7

71 35.2 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: BG036654.D

Acq: 11 Sep 2018 9:56

Tgt Ion: 136 Resp: 234604

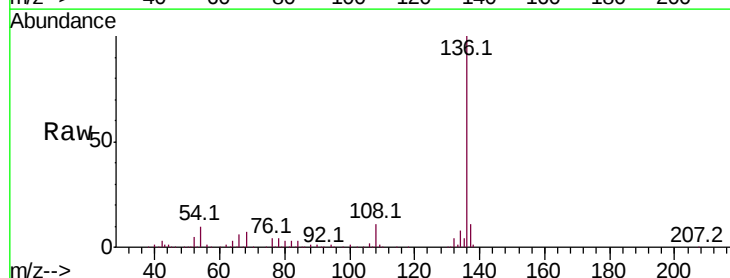
Ion Ratio Lower Upper

136 100

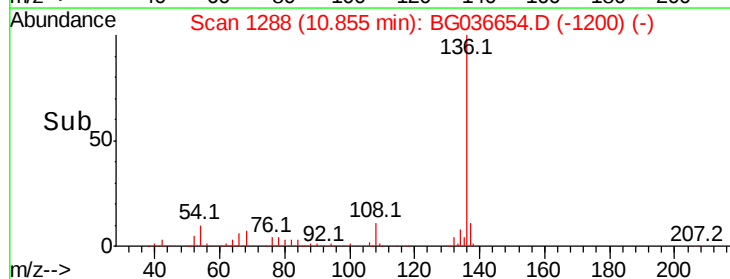
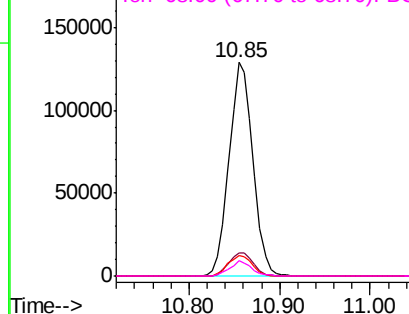
137 10.6 8.8 13.2

54 9.9 9.2 13.8

68 7.2 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

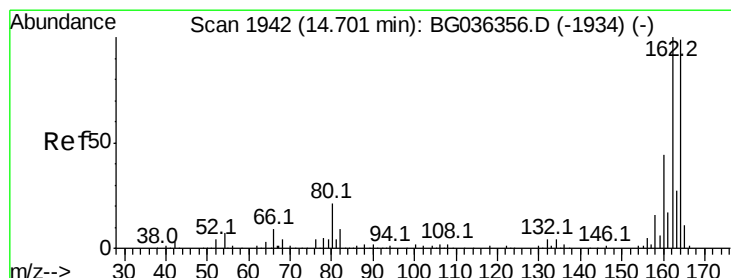
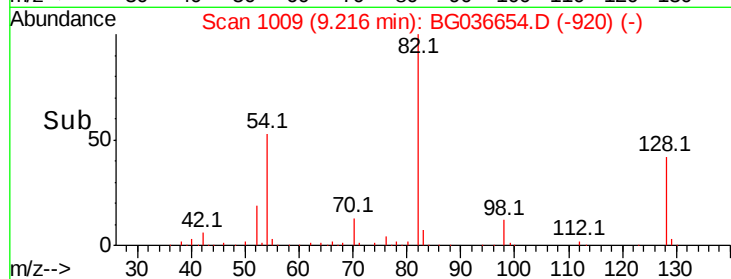
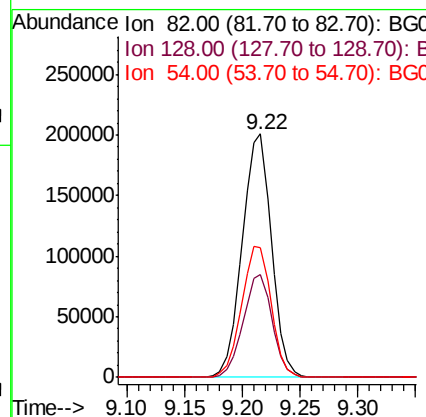
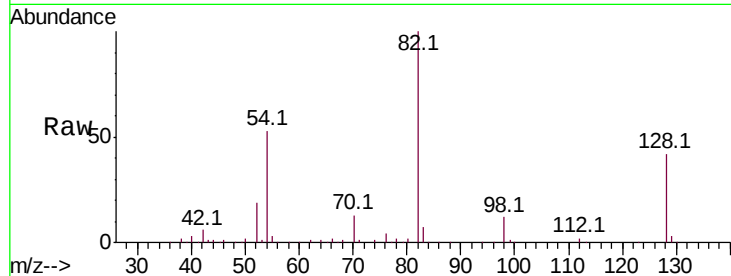




#23
 Nitrobenzene-d5
 Concen: 81.851 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG036654.D
 Acq: 11 Sep 2018 9:56

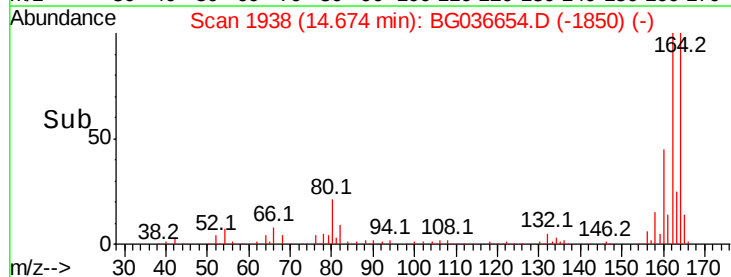
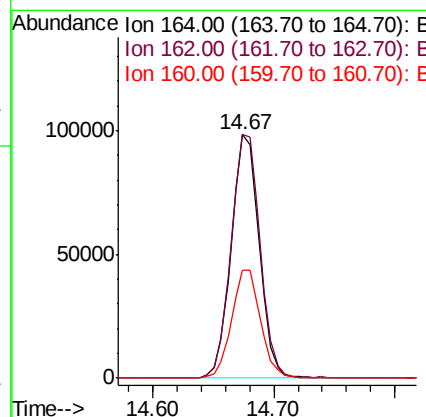
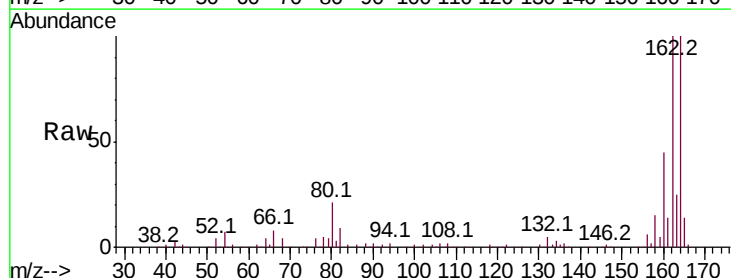
Instrument :
 BNA_G
 ClientSampleId :
 PL-05-090718-A

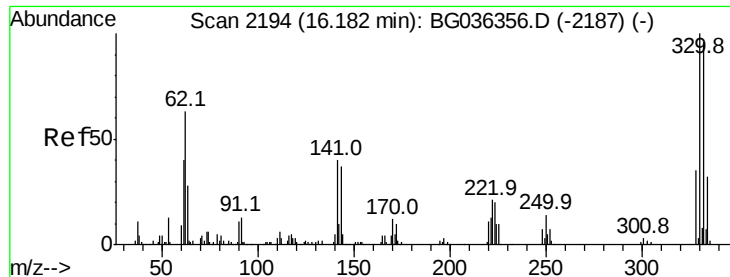
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.3	49.9
54	53.0	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036654.D
 Acq: 11 Sep 2018 9:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.7	121.1
160	44.5	35.3	52.9

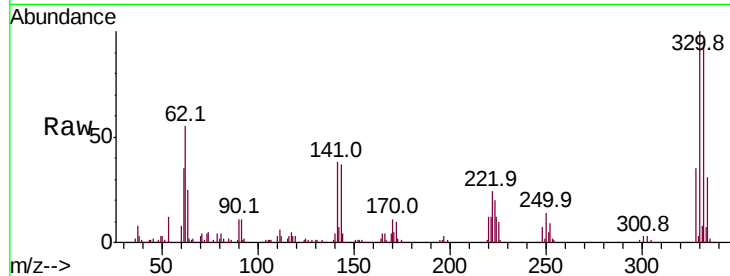




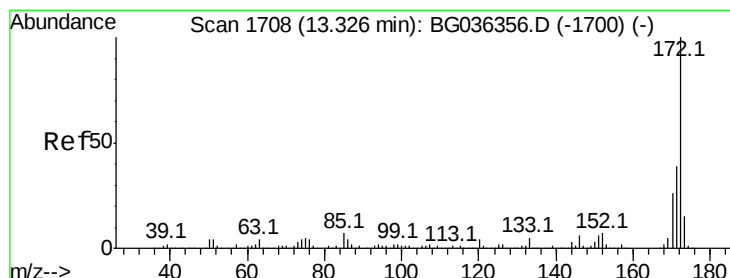
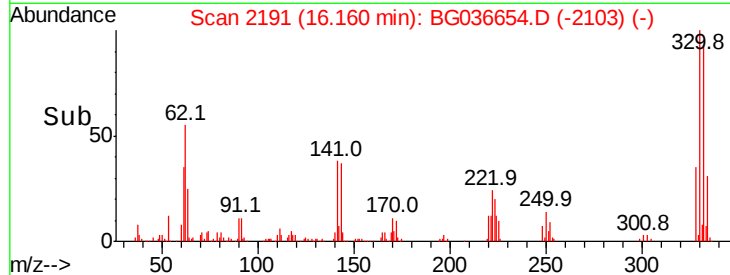
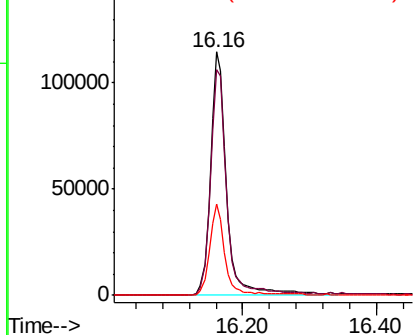
#41
 2,4,6-Tribromophenol
 Concen: 102.804 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036654.D
 Acq: 11 Sep 2018 9:56

Instrument :
 BNA_G
 ClientSampleId :
 PL-05-090718-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	75.4	113.2
141	34.5	30.7	46.1

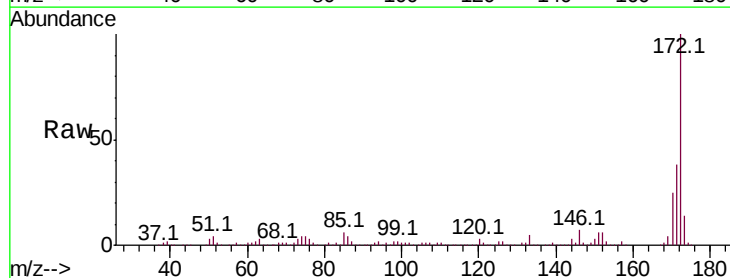


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

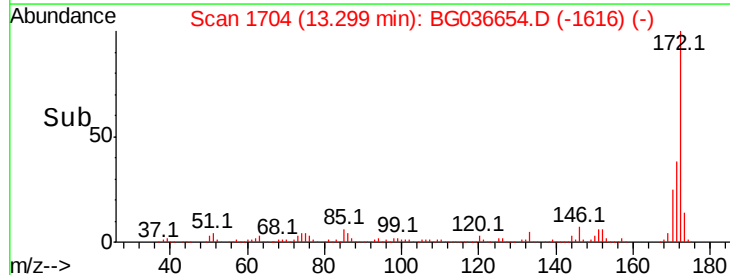
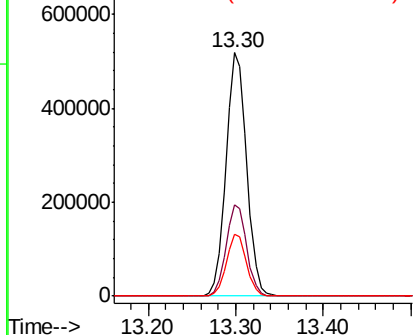


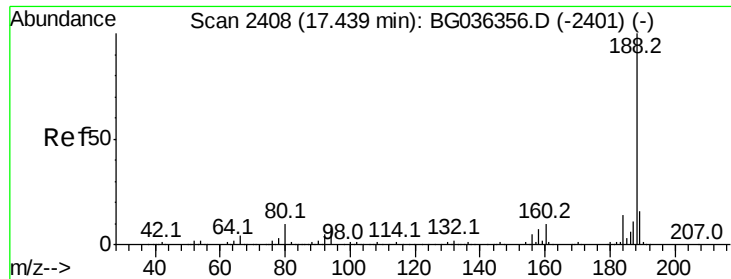
#44
 2-Fluorobiphenyl
 Concen: 75.579 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036654.D
 Acq: 11 Sep 2018 9:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.3	46.9
170	25.4	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

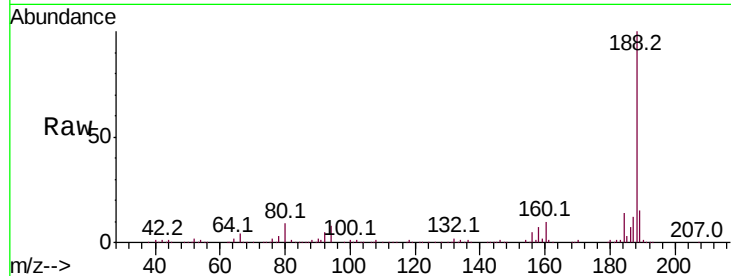




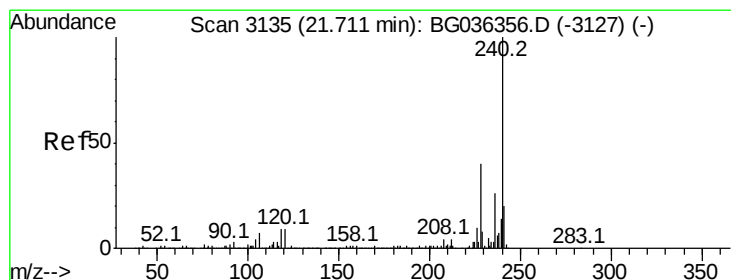
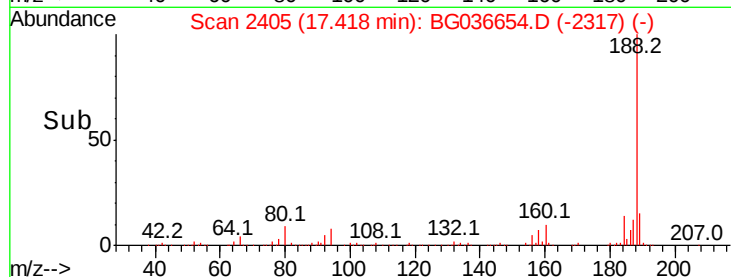
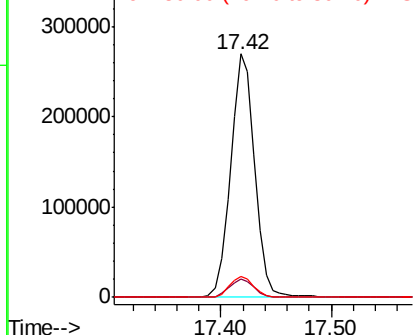
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036654.D
Acq: 11 Sep 2018 9:56

Instrument :
BNA_G
ClientSampleId :
PL-05-090718-A

Tot Ion:188 Resp: 411318
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 8.8 8.1 12.1

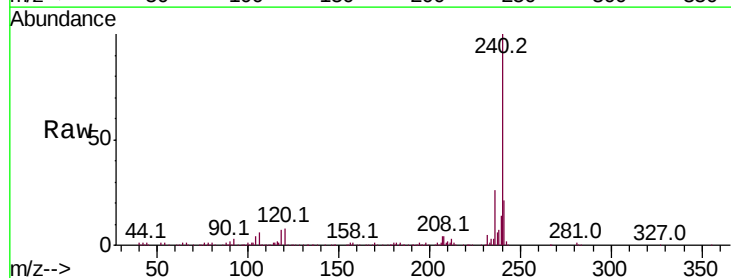


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

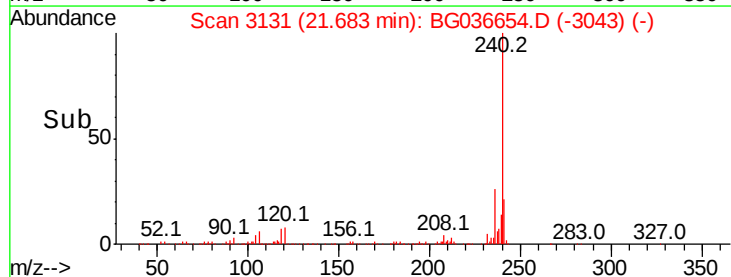
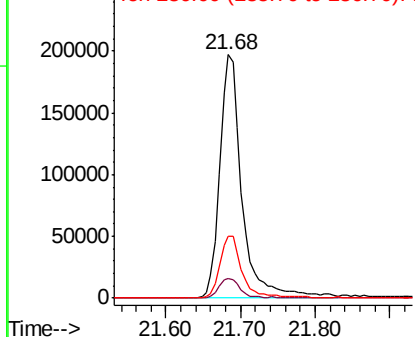


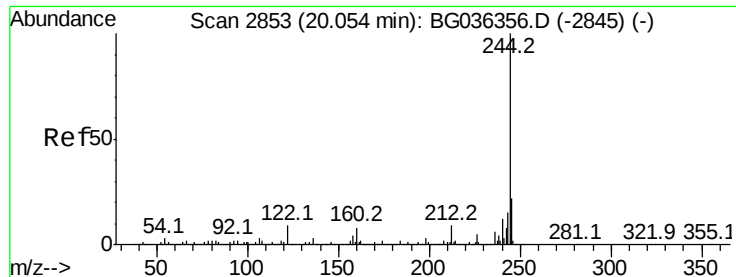
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036654.D
Acq: 11 Sep 2018 9:56

Tgt Ion:240 Resp: 408963
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 25.6 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



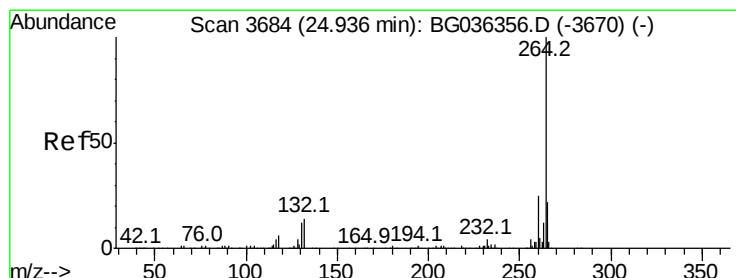
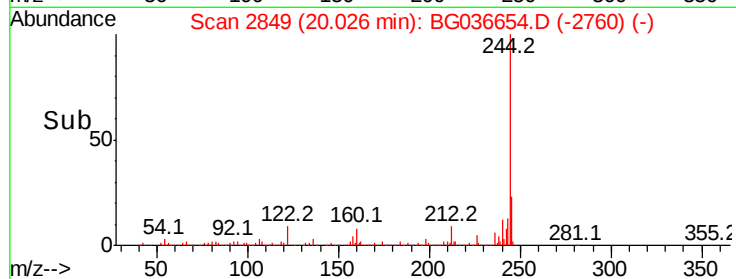
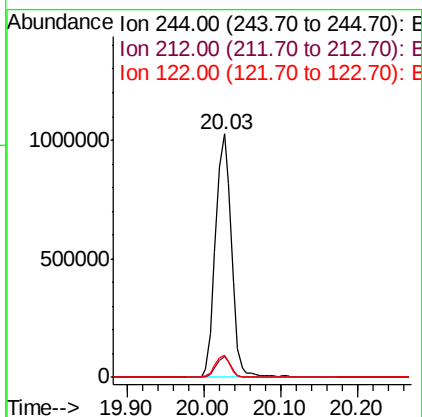
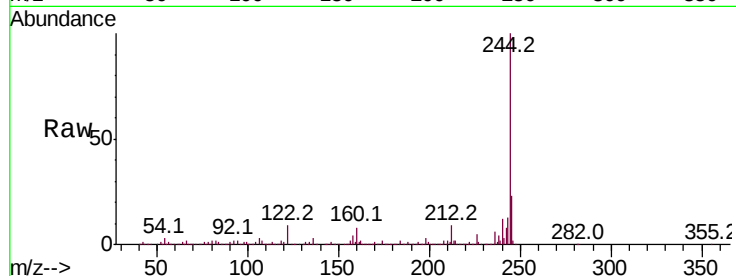


#78
 Terphenyl-d14
 Concen: 83.903 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BG036654.D
 Acq: 11 Sep 2018 9:56

Instrument :
 BNA_G
 ClientSampleId :
 PL-05-090718-A

Tot Ion:244 Resp: 1468041

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.1	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3678
 Delta R.T. -0.01 min
 Lab File: BG036654.D
 Acq: 11 Sep 2018 9:56

Tgt Ion:264 Resp: 294803

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.6	29.4
265	21.1	17.4	26.0

