

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036636.D
 Acq On : 10 Sep 2018 22:16
 Operator : JU/SJ
 Sample : J4777-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Sep 11 03:07:58 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	55865	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	240771	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	163563	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	406491	20.00	ng	0.00
75) Chrysene-d12	21.69	240	414745	20.00	ng	0.00
86) Perylene-d12	24.89	264	335891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	388133	110.21	ng	0.00
7) Phenol-d6	7.21	99	507880	100.72	ng	0.00
23) Nitrobenzene-d5	9.21	82	368312	83.00	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	208389	106.77	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	870415	75.98	ng	0.00
78) Terphenyl-d14	20.03	244	1484799	83.68	ng	0.00

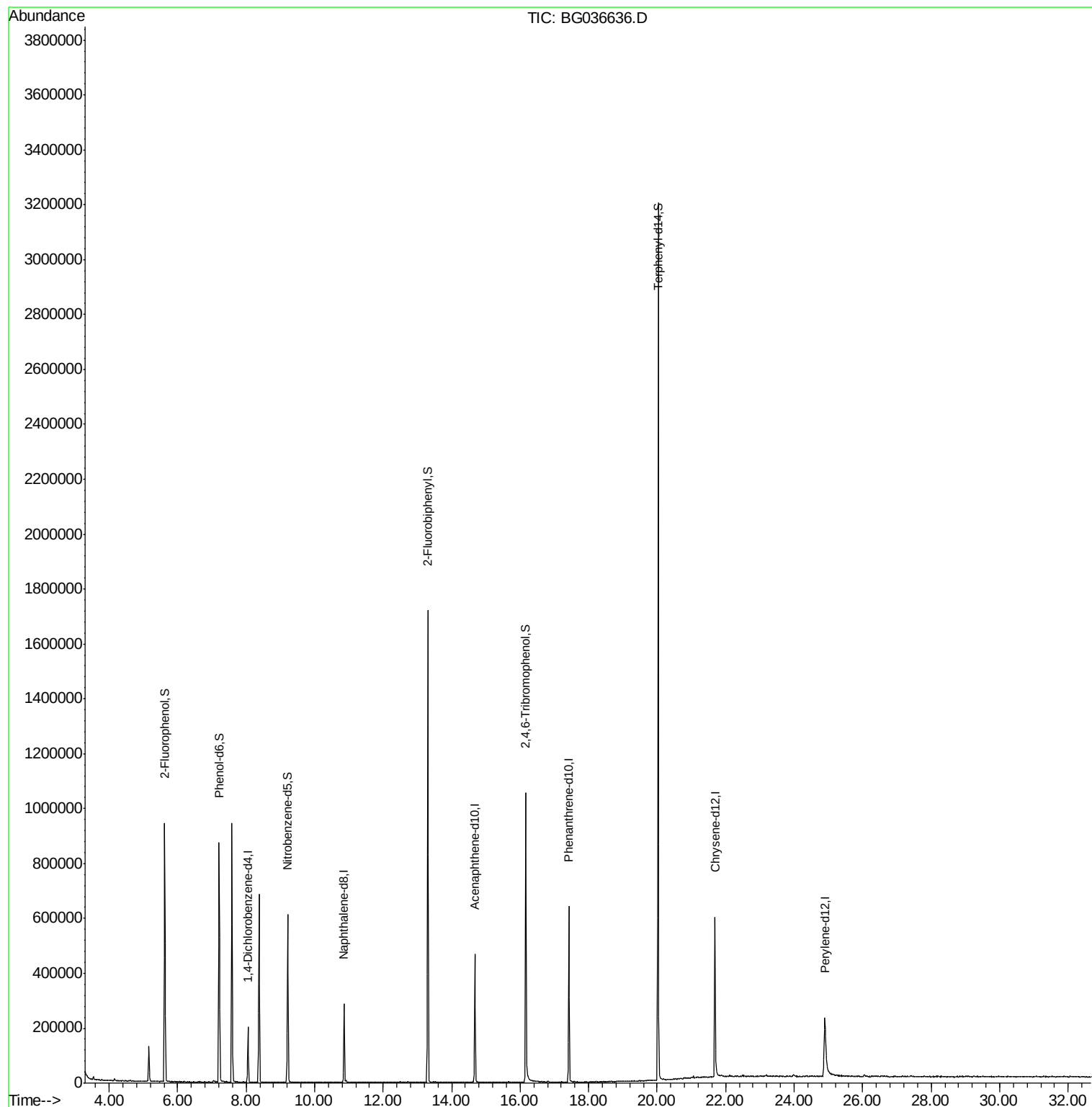
Target Compounds Qvalue

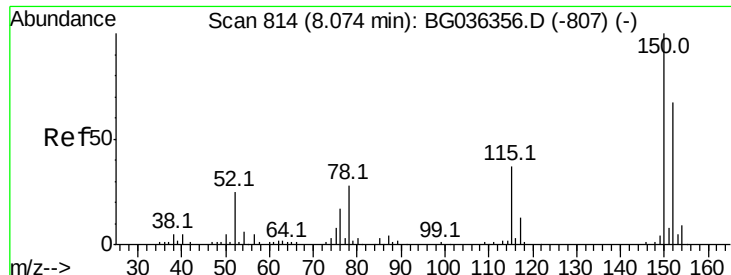
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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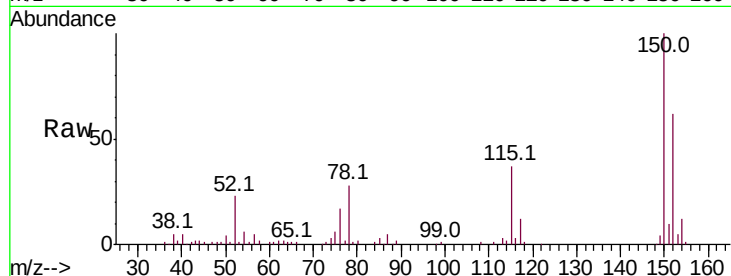


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036636.D
Acq: 10 Sep 2018 22:16

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	119.5	179.3
115	60.3	44.5	66.7

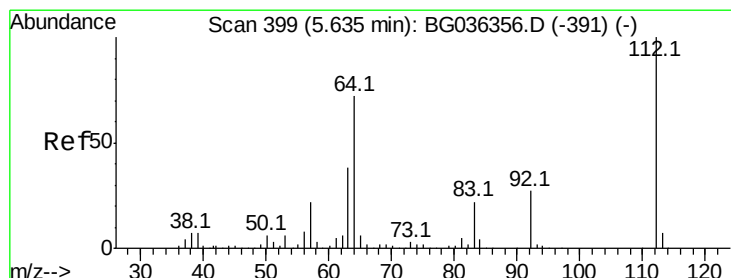
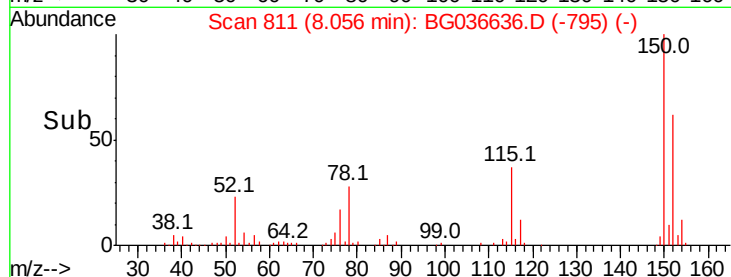
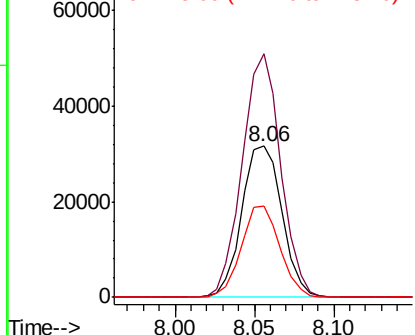


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

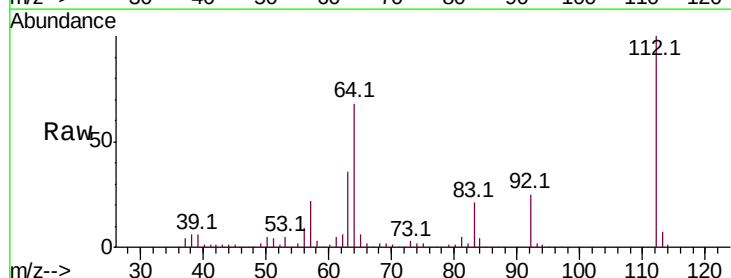
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.211 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036636.D
Acq: 10 Sep 2018 22:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	57.2	85.8
63	36.1	30.8	46.2

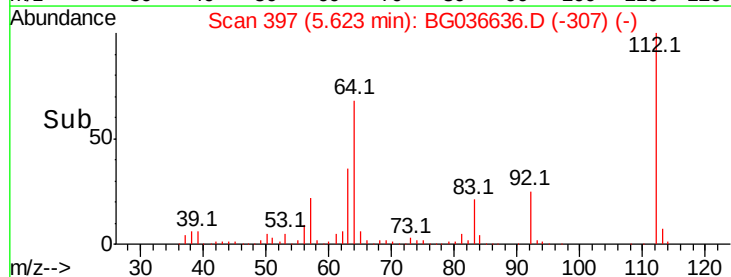
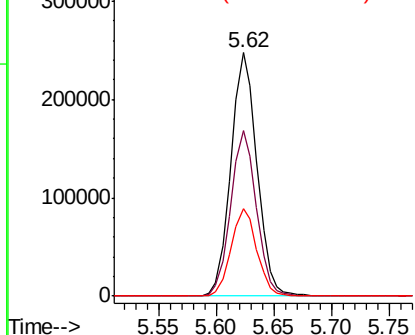


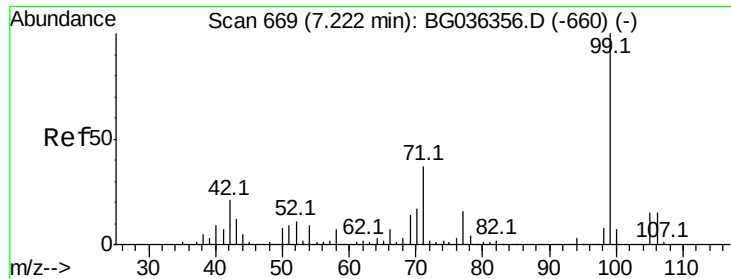
Abundance

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: 100.725 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036636.D

Acq: 10 Sep 2018 22:16

Instrument :

BNA_G

ClientSampleId :

PL-05-090718-A

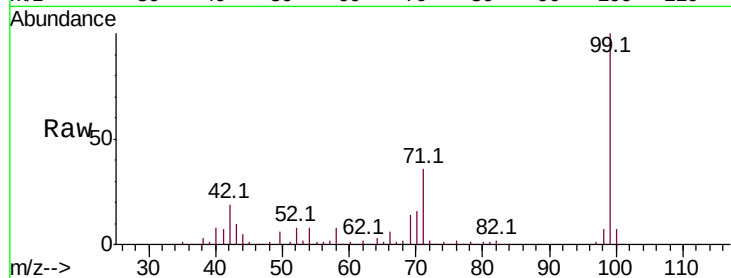
Tot Ion: 99 Resp: 507880

Ion Ratio Lower Upper

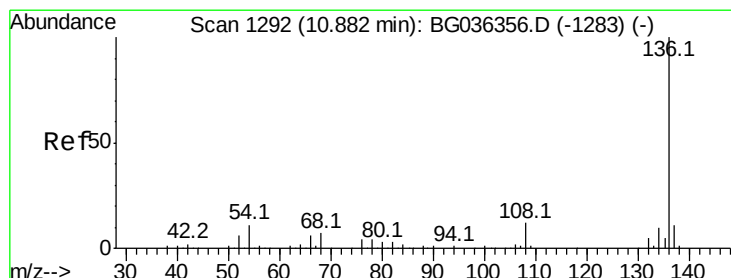
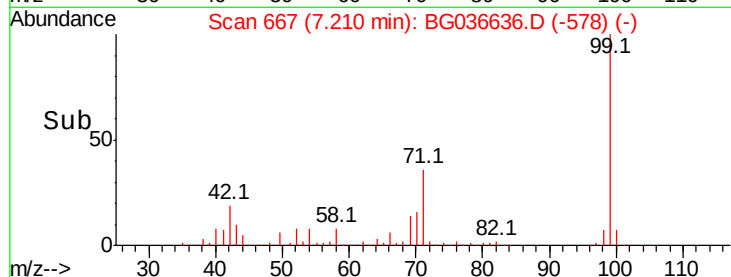
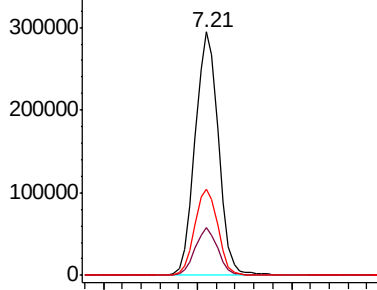
99 100

42 19.4 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: 10.86 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036636.D

Acq: 10 Sep 2018 22:16

Tgt Ion: 136 Resp: 240771

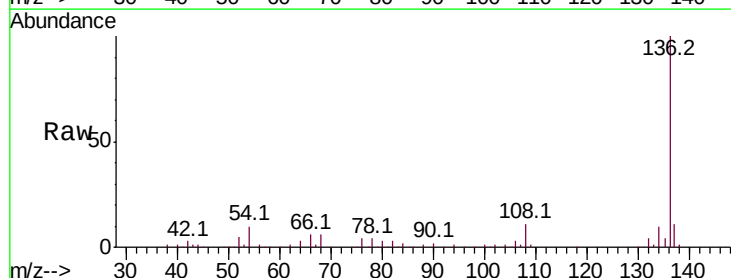
Ion Ratio Lower Upper

136 100

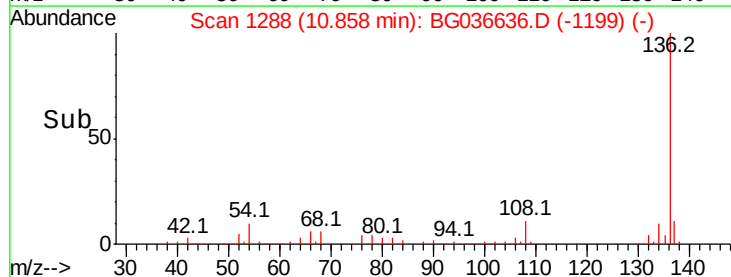
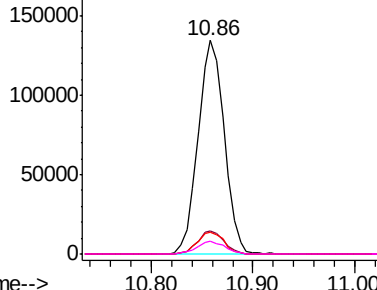
137 10.8 8.8 13.2

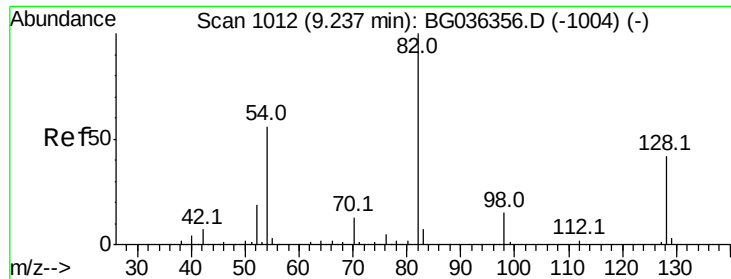
54 10.3 9.2 13.8

68 5.8 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

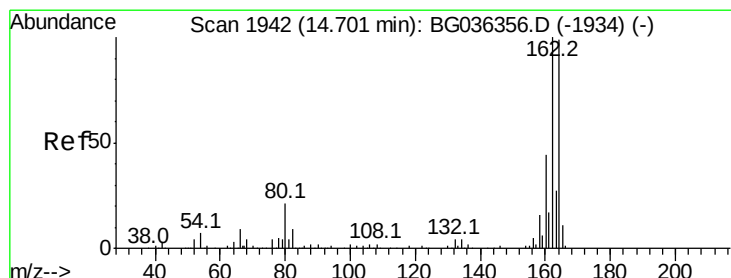
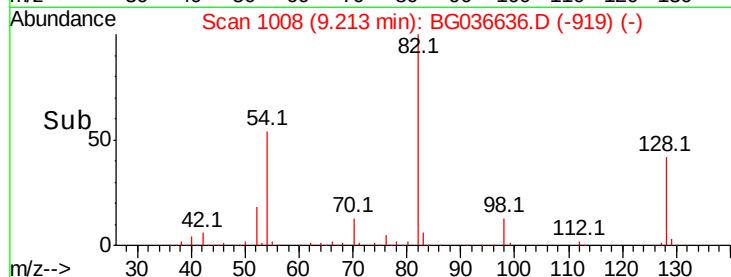
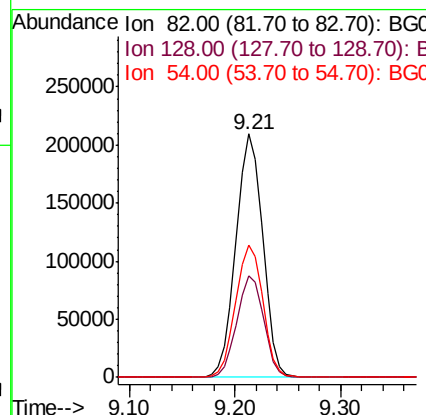
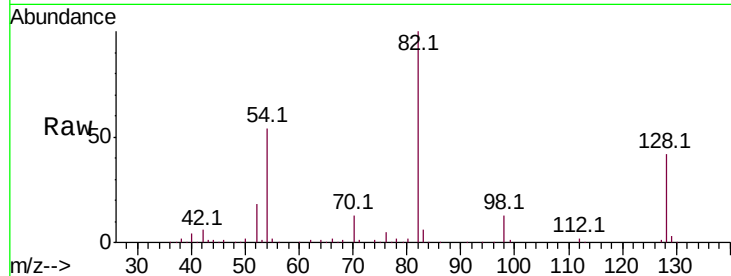




#23
 Nitrobenzene-d5
 Concen: 82.998 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036636.D
 Acq: 10 Sep 2018 22:16

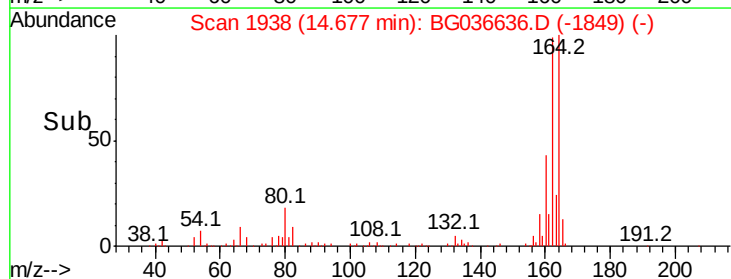
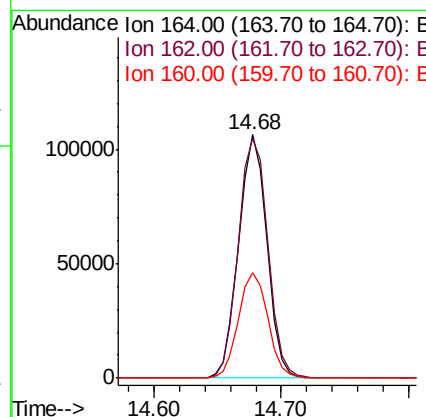
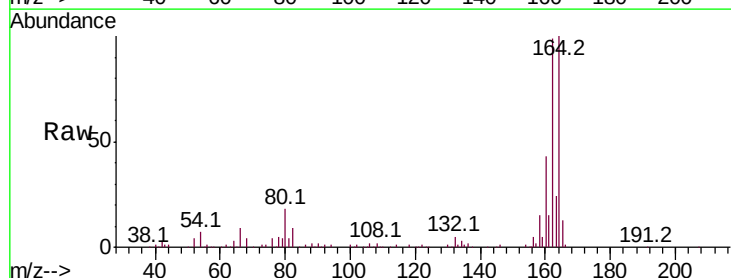
Instrument :
 BNA_G
 ClientSampleId :
 PL-05-090718-A

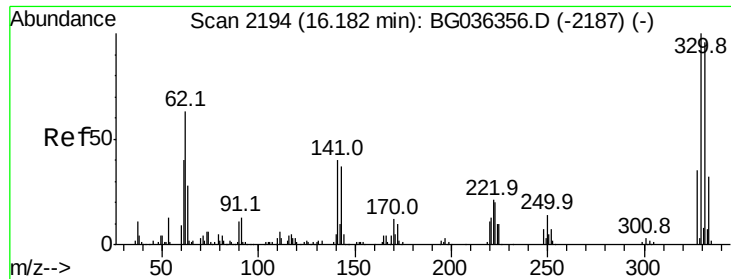
Tot Ion	82	Resp	368312
Ion Ratio	100	Lower	Upper
128	41.8	33.3	49.9
54	54.3	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036636.D
 Acq: 10 Sep 2018 22:16

Tgt Ion	164	Resp	163563
Ion Ratio	100	Lower	Upper
162	98.6	80.7	121.1
160	43.3	35.3	52.9

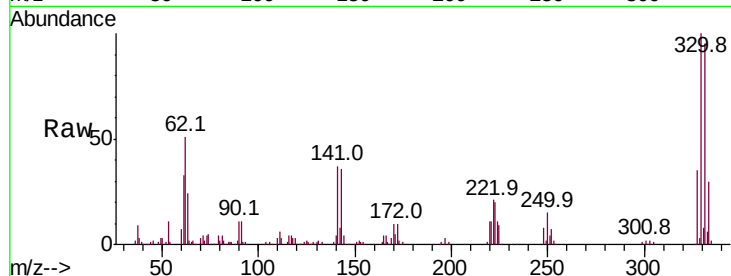




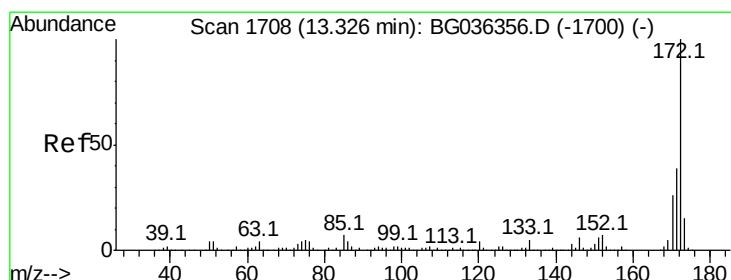
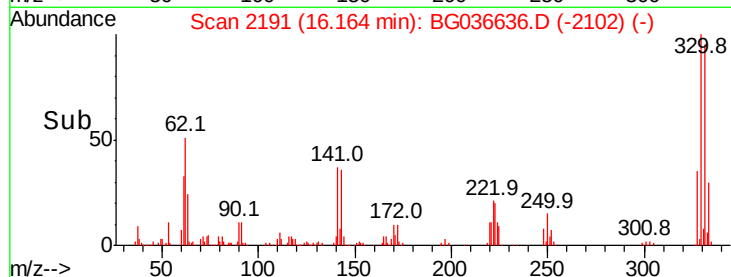
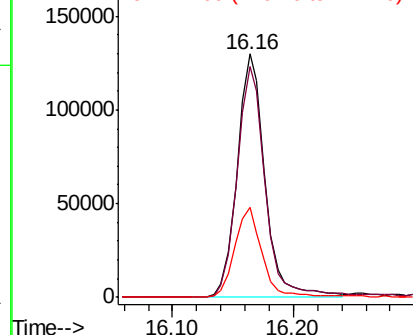
#41
 2,4,6-Tribromophenol
 Concen: 106.775 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036636.D
 Acq: 10 Sep 2018 22:16

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	75.4	113.2
141	36.4	30.7	46.1

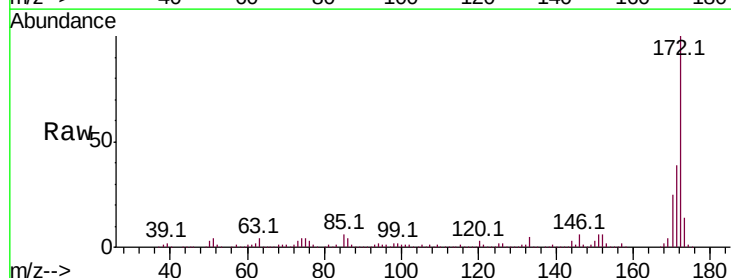


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

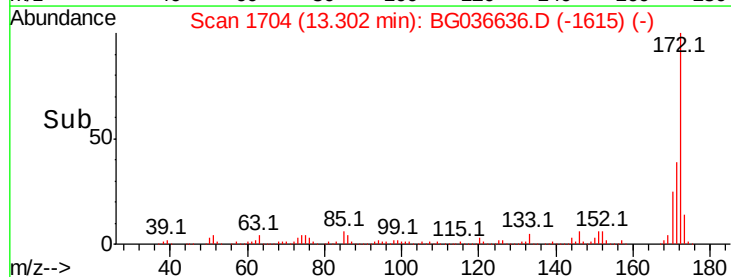
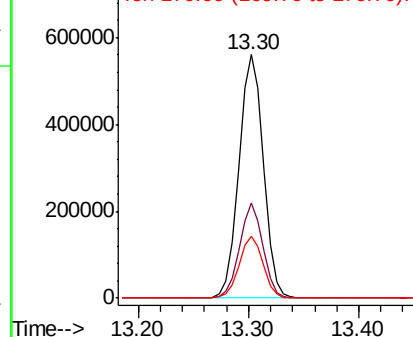


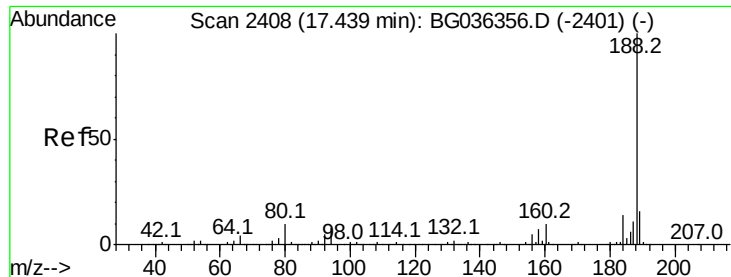
#44
 2-Fluorobiphenyl
 Concen: 75.983 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036636.D
 Acq: 10 Sep 2018 22:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	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

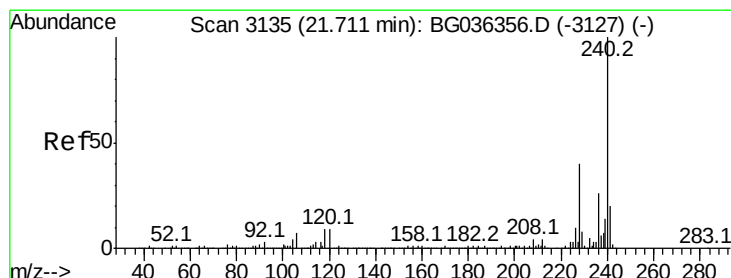
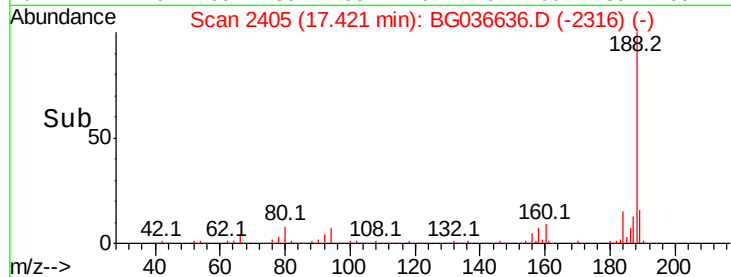
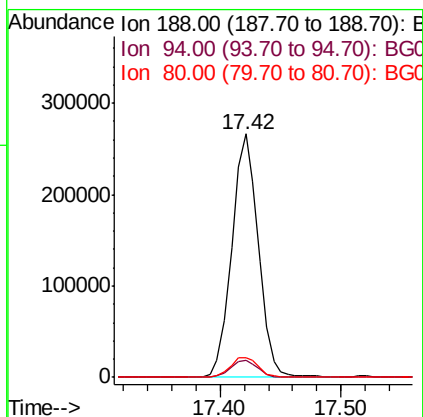
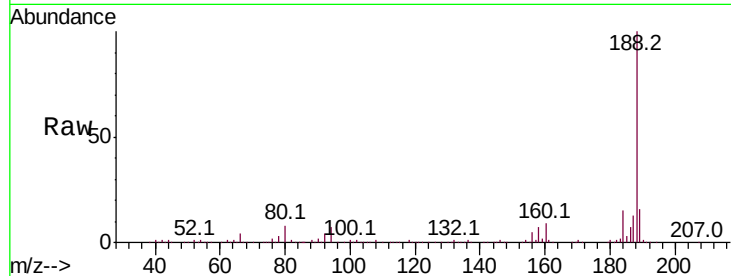




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036636.D
Acq: 10 Sep 2018 22:16

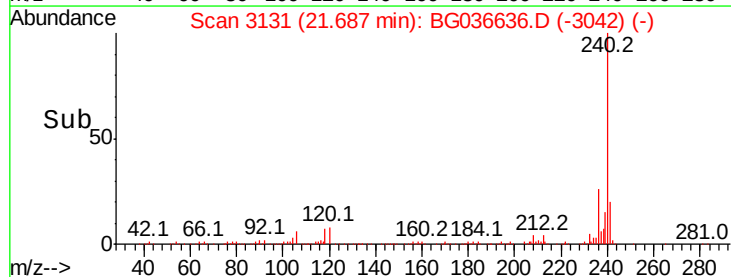
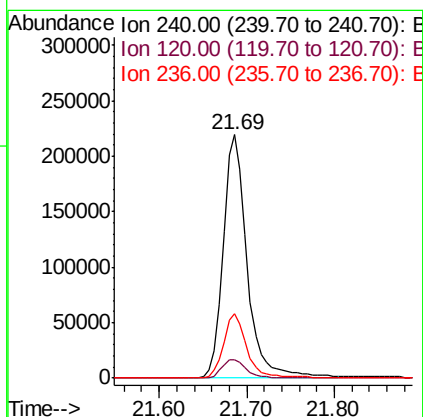
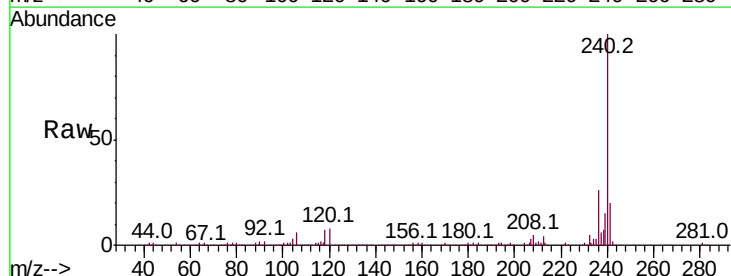
Instrument :
BNA_G
ClientSampleId :
PL-05-090718-A

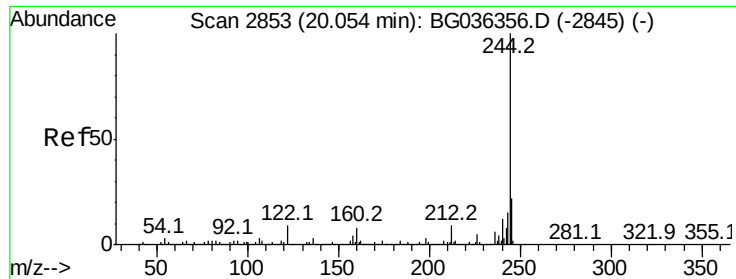
Tot Ion:188 Resp: 406491
Ion Ratio Lower Upper
188 100
94 7.0 6.7 10.1
80 8.1 8.1 12.1#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036636.D
Acq: 10 Sep 2018 22:16

Tgt Ion:240 Resp: 414745
Ion Ratio Lower Upper
240 100
120 7.6 6.9 10.3
236 26.4 21.2 31.8





#78

Terphenyl-d14

Concen: 83.678 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036636.D

Acq: 10 Sep 2018 22:16

Instrument :

BNA_G

ClientSampleId :

PL-05-090718-A

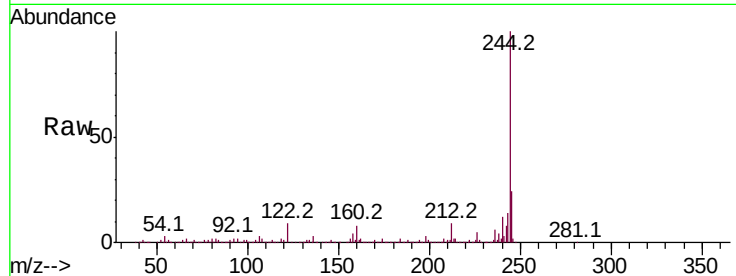
Tot Ion:244 Resp: 1484799

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	9.1	7.1	10.7

244 100

212 8.8 7.0 10.6

122 9.1 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

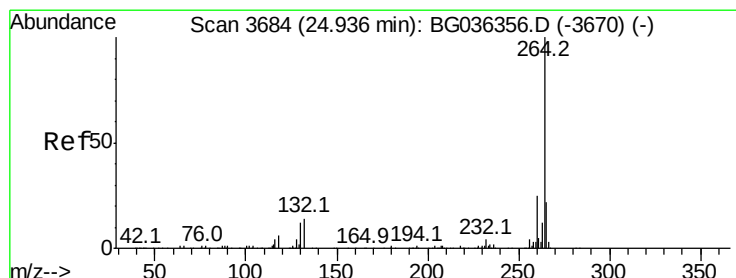
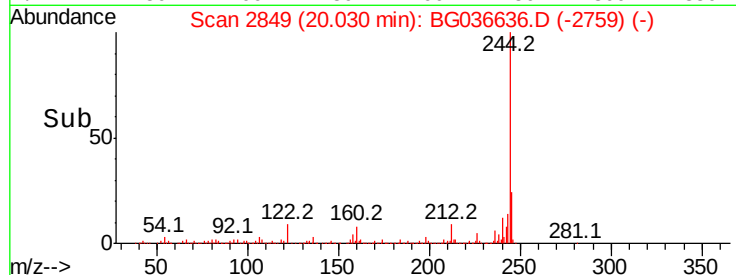
20.03

1000000

500000

0

Time--> 19.90 20.03 20.10 20.20



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3677

Delta R.T. -0.01 min

Lab File: BG036636.D

Acq: 10 Sep 2018 22:16

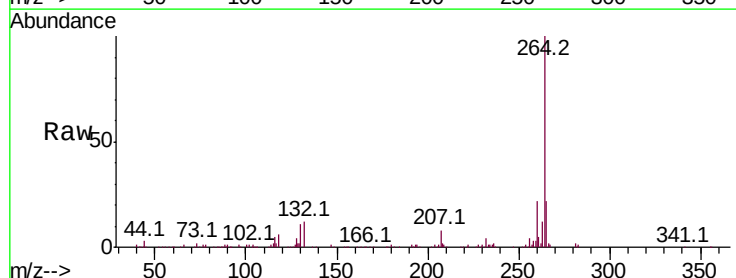
Tgt Ion:264 Resp: 335891

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.6	29.4
265	22.3	17.4	26.0

264 100

260 22.4 19.6 29.4

265 22.3 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

24.89

100000

80000

60000

40000

20000

0

Time--> 24.80 24.89 25.00

