

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036811.D
 Acq On : 19 Sep 2018 8:09
 Operator : JU/SJ
 Sample : J4951-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB48380RT

Quant Time: Sep 19 11:51:18 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	49922	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	211648	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	136849	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	343639	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	356794	20.00	ng	-0.02
86) Perylene-d12	24.89	264	353061	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	357700	113.66	ng	0.00
7) Phenol-d6	7.21	99	465905	103.40	ng	-0.01
23) Nitrobenzene-d5	9.21	82	349318	89.55	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	215907	132.22	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	782595	81.65	ng	-0.02
78) Terphenyl-d14	20.02	244	1273423	83.42	ng	-0.01

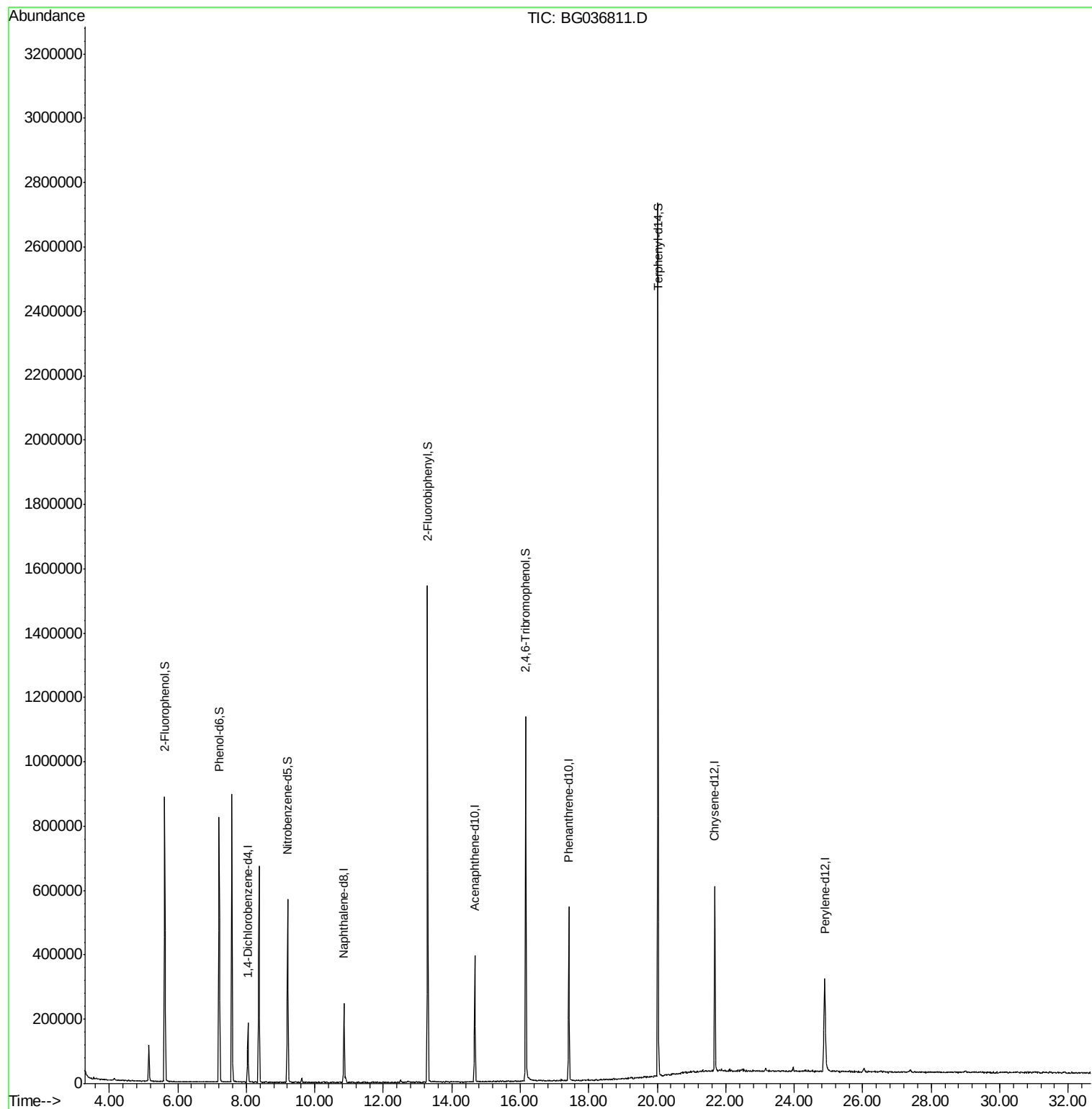
Target Compounds Qvalue

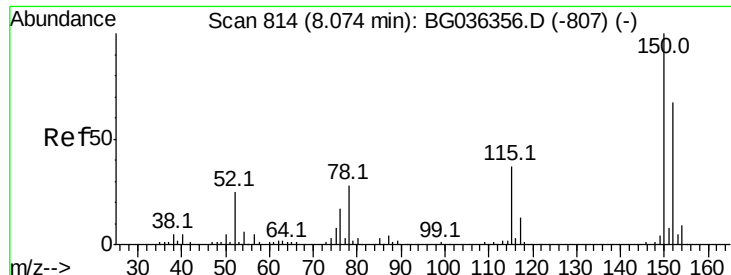
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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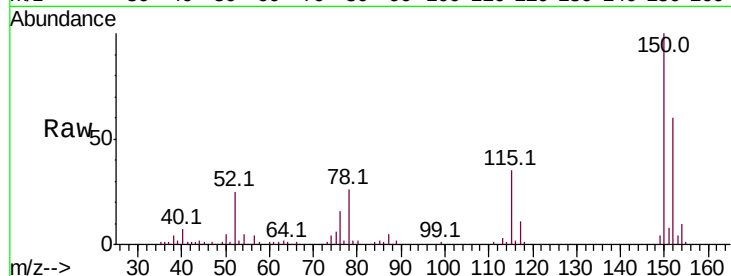


#1

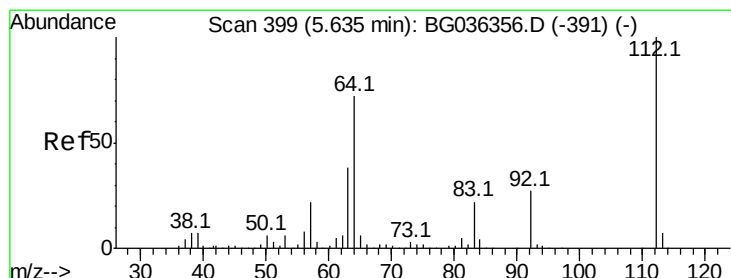
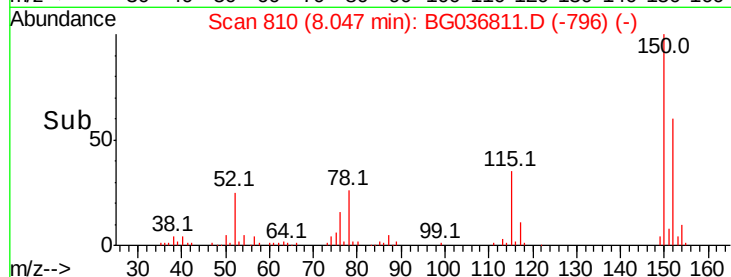
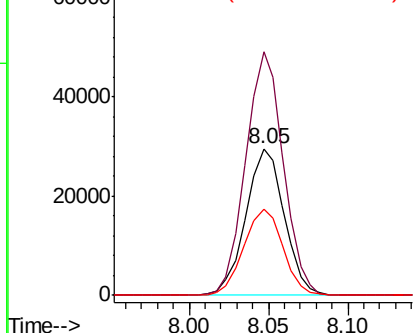
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG036811.D
Acq: 19 Sep 2018 8:09

Instrument :
BNA_G
ClientSampleId :
RB48380RT

Tot Ion:152 Resp: 49922
Ion Ratio Lower Upper
152 100
150 165.9 119.5 179.3
115 58.7 44.5 66.7



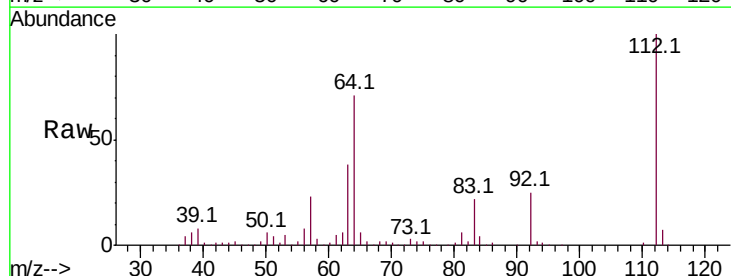
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



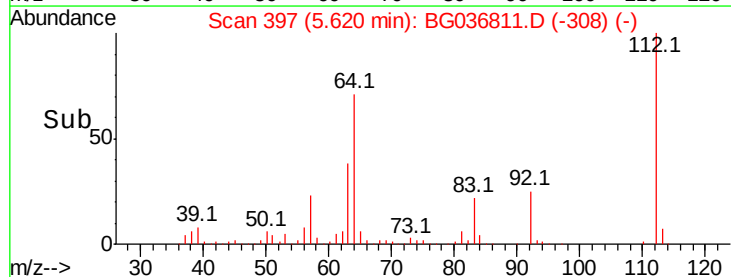
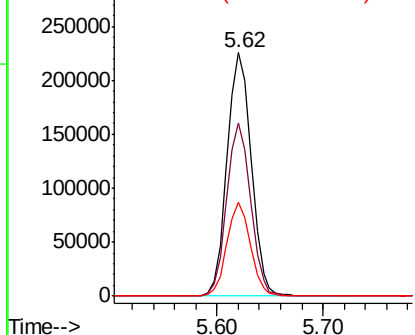
#5

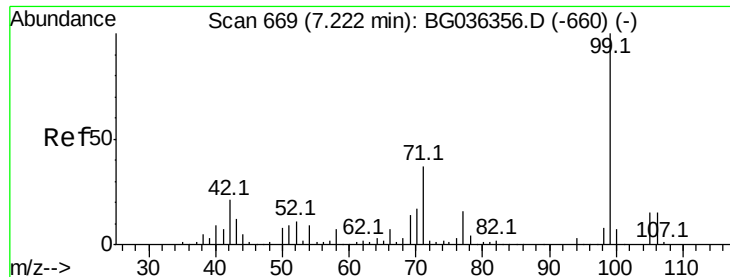
2-Fluorophenol
Concen: 113.661 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036811.D
Acq: 19 Sep 2018 8:09

Tgt Ion:112 Resp: 357700
Ion Ratio Lower Upper
112 100
64 71.0 57.2 85.8
63 38.3 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: 103.400 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036811.D

Acq: 19 Sep 2018 8:09

Instrument :

BNA_G

ClientSampleId :

RB48380RT

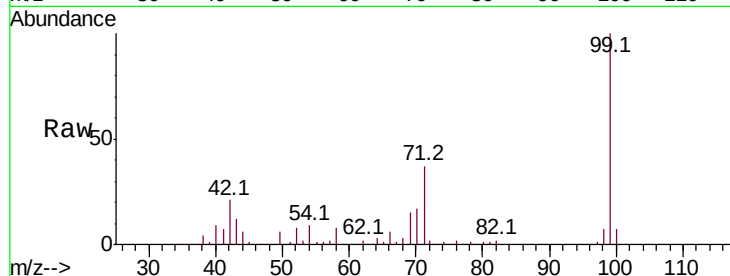
Tot Ion: 99 Resp: 465905

Ion Ratio Lower Upper

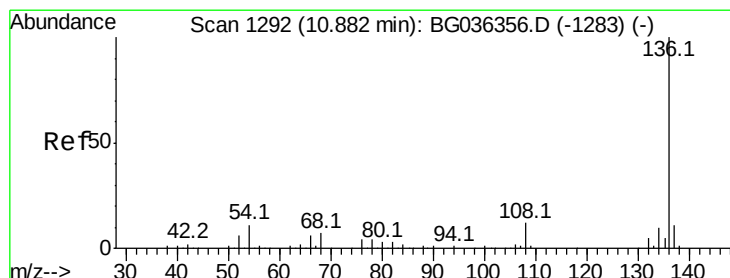
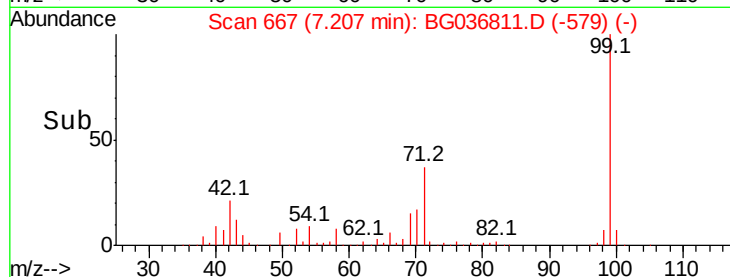
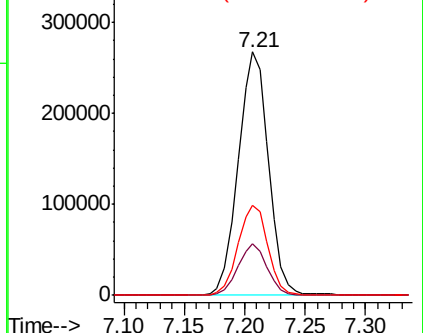
99 100

42 21.0 16.5 24.7

71 37.1 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# 1287

Delta R.T. -0.02 min

Lab File: BG036811.D

Acq: 19 Sep 2018 8:09

Tgt Ion: 136 Resp: 211648

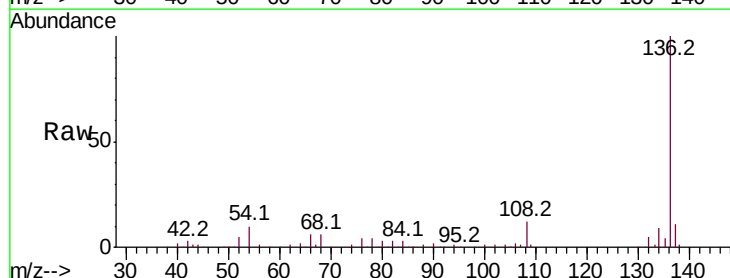
Ion Ratio Lower Upper

136 100

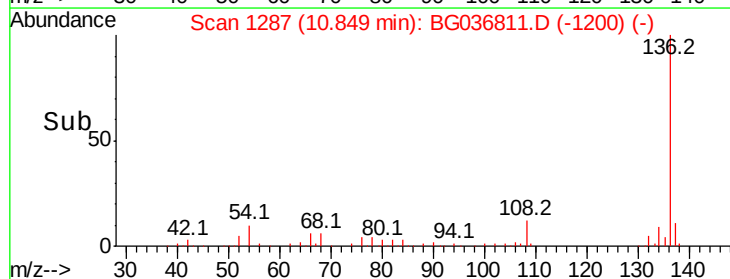
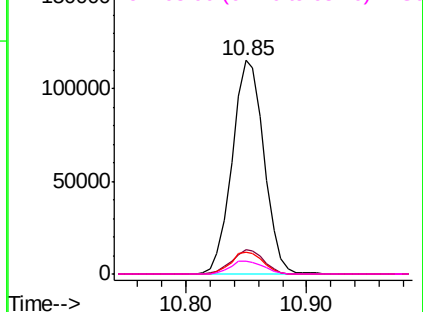
137 11.3 8.8 13.2

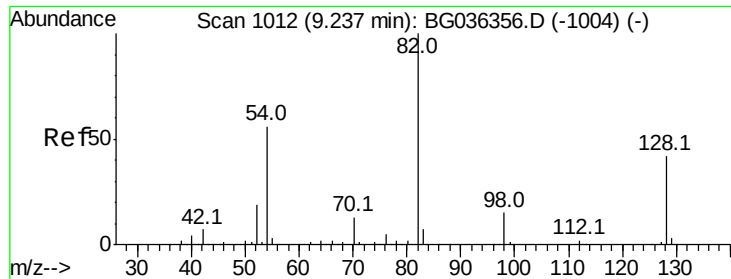
54 9.9 9.2 13.8

68 5.7 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

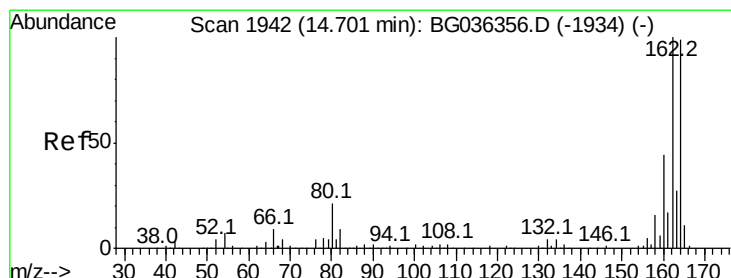
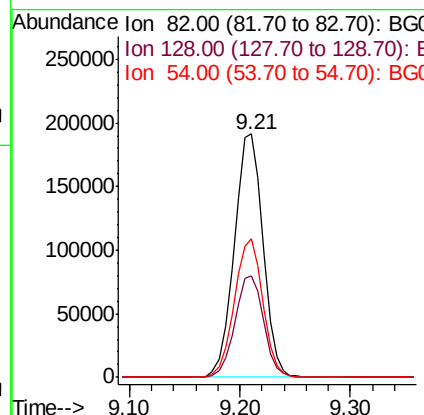
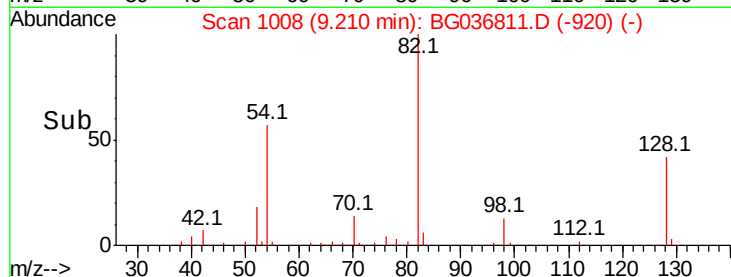
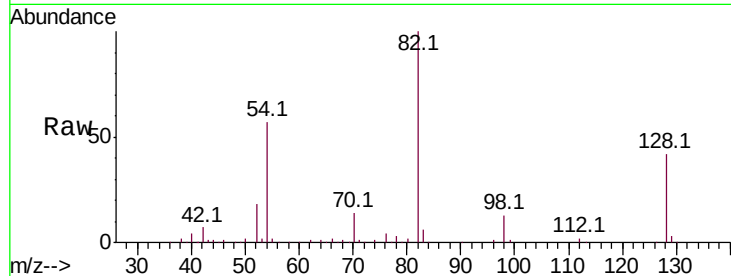




#23
 Nitrobenzene-d5
 Concen: 89.549 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036811.D
 Acq: 19 Sep 2018 8:09

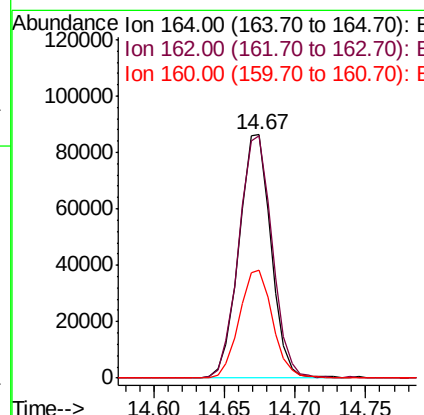
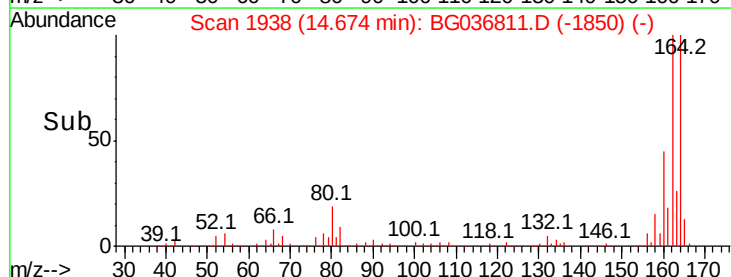
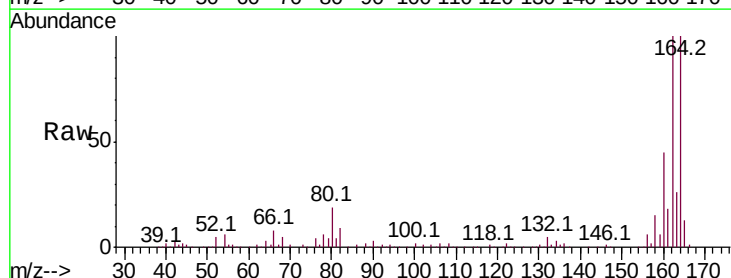
Instrument :
 BNA_G
 ClientSampled :
 RB48380RT

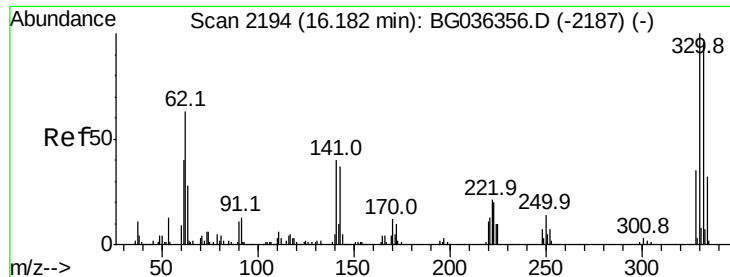
Tot Ion: 82 Resp: 349318
 Ion Ratio Lower Upper
 82 100
 128 41.7 33.3 49.9
 54 56.8 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036811.D
 Acq: 19 Sep 2018 8:09

Tgt Ion: 164 Resp: 136849
 Ion Ratio Lower Upper
 164 100
 162 99.6 80.7 121.1
 160 44.5 35.3 52.9

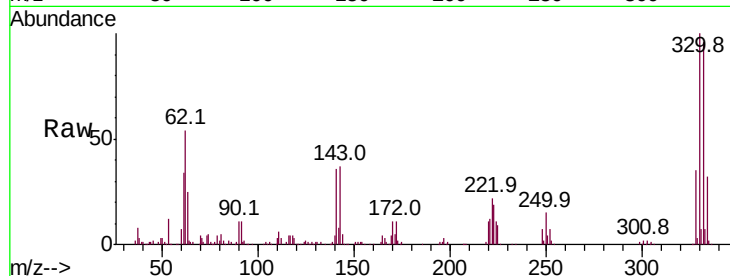




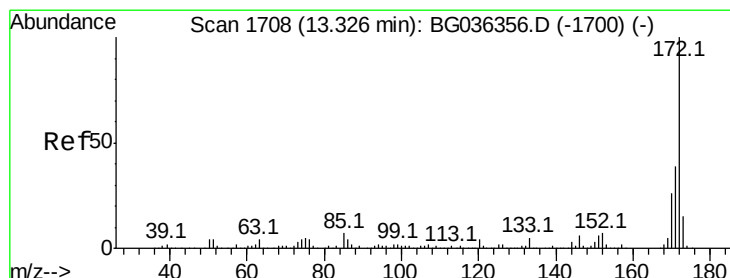
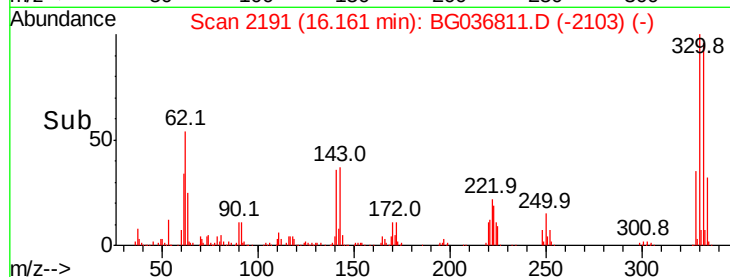
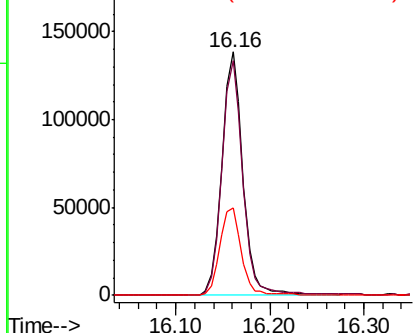
#41
 2,4,6-Tribromophenol
 Concen: 132.222 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036811.D
 Acq: 19 Sep 2018 8:09

Instrument :
 BNA_G
 ClientSampleId :
 RB48380RT

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.4	113.2
141	37.2	30.7	46.1

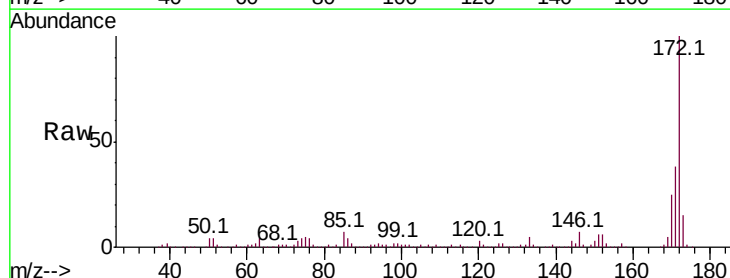


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

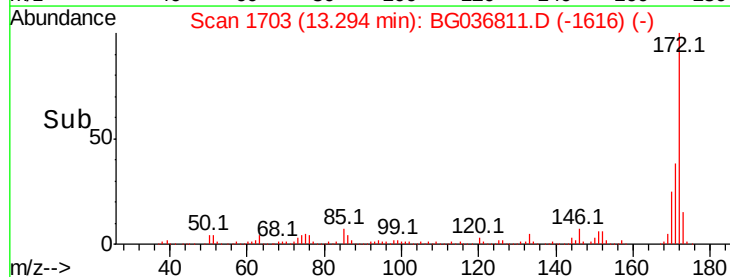
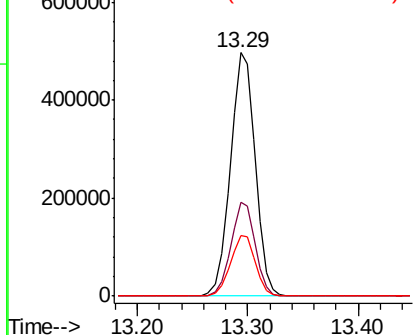


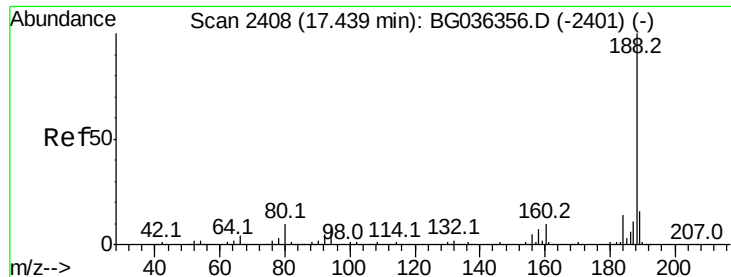
#44
 2-Fluorobiphenyl
 Concen: 81.652 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036811.D
 Acq: 19 Sep 2018 8:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	24.8	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

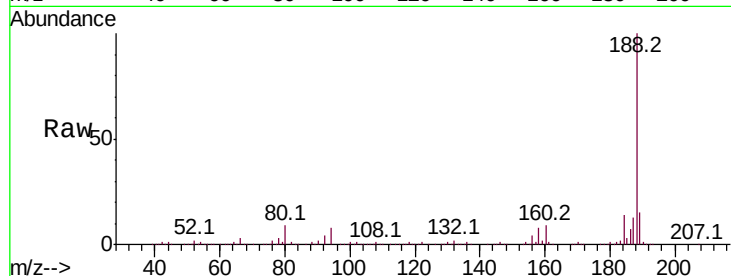




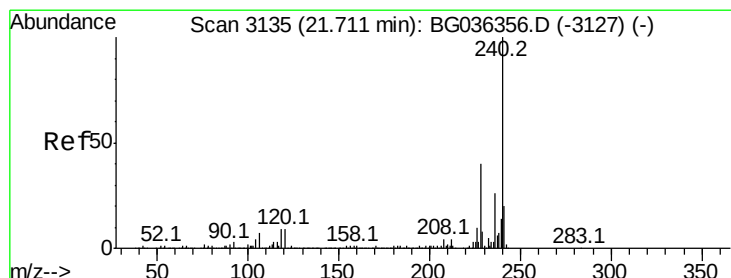
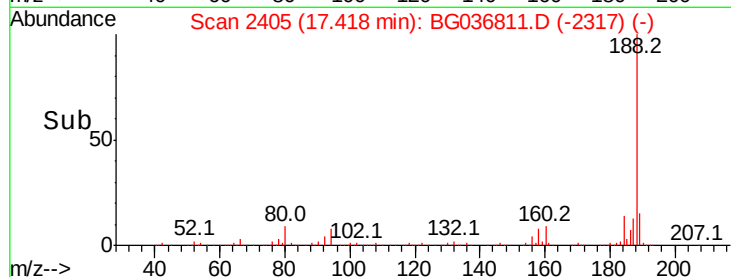
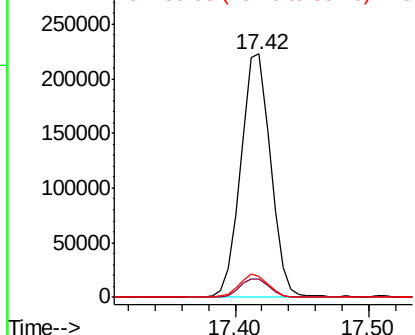
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036811.D
Acq: 19 Sep 2018 8:09

Instrument :
BNA_G
ClientSampleId :
RB48380RT

Tot Ion:188 Resp: 343639
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 8.8 8.1 12.1

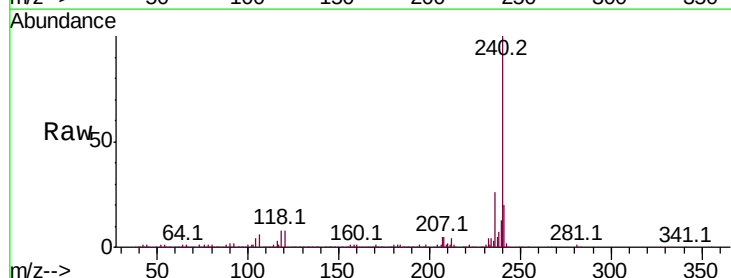


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

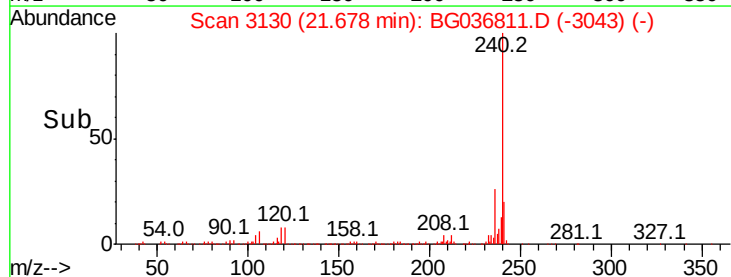
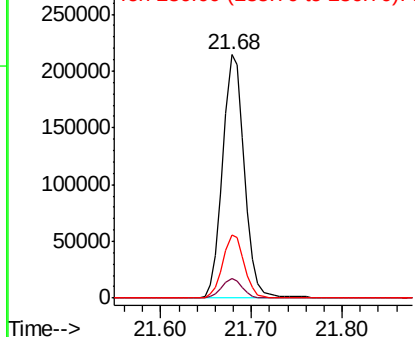


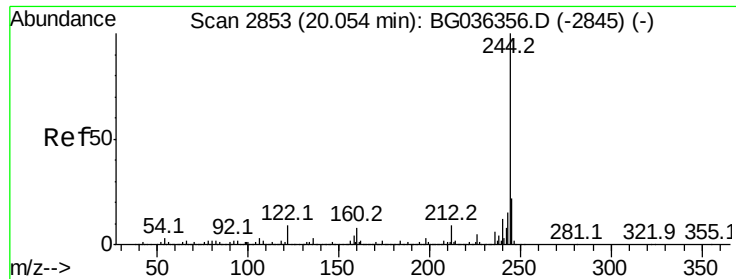
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036811.D
Acq: 19 Sep 2018 8:09

Tgt Ion:240 Resp: 356794
Ion Ratio Lower Upper
240 100
120 7.9 6.9 10.3
236 25.7 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: 83.421 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036811.D

Acq: 19 Sep 2018 8:09

Instrument :

BNA_G

ClientSampleId :

RB48380RT

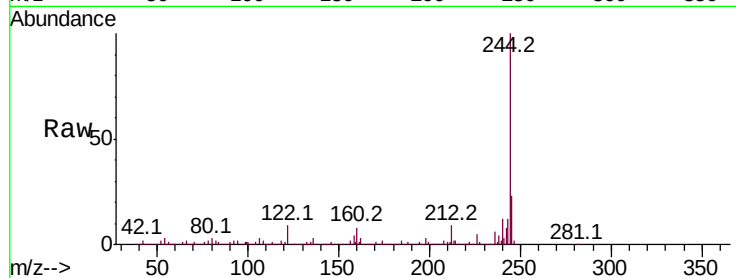
Tot Ion:244 Resp: 1273423

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

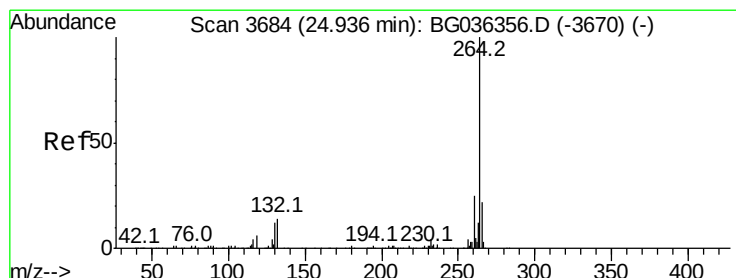
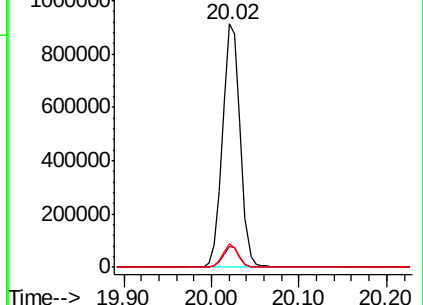
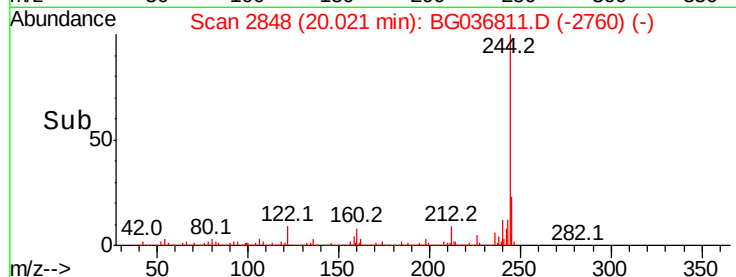
122 9.4 7.1 10.7



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# 3676

Delta R.T. -0.02 min

Lab File: BG036811.D

Acq: 19 Sep 2018 8:09

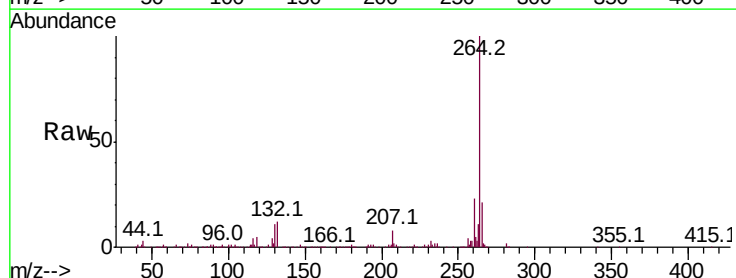
Tgt Ion:264 Resp: 353061

Ion Ratio Lower Upper

264 100

260 22.8 19.6 29.4

265 20.6 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

