

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036872.D
 Acq On : 21 Sep 2018 23:56
 Operator : JU/SJ
 Sample : J4777-28
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-04-092018-B

Quant Time: Sep 22 05:07:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	39056	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	157052	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	106198	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	290346	20.00	ng	0.00
75) Chrysene-d12	21.68	240	323607	20.00	ng	0.00
86) Perylene-d12	24.90	264	322715	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	247006	121.29	ng	0.00
7) Phenol-d6	7.21	99	317650	100.81	ng	0.00
23) Nitrobenzene-d5	9.21	82	248039	84.58	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	176546	138.95	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	569242	79.83	ng	0.00
78) Terphenyl-d14	20.03	244	1192051	96.86	ng	0.00

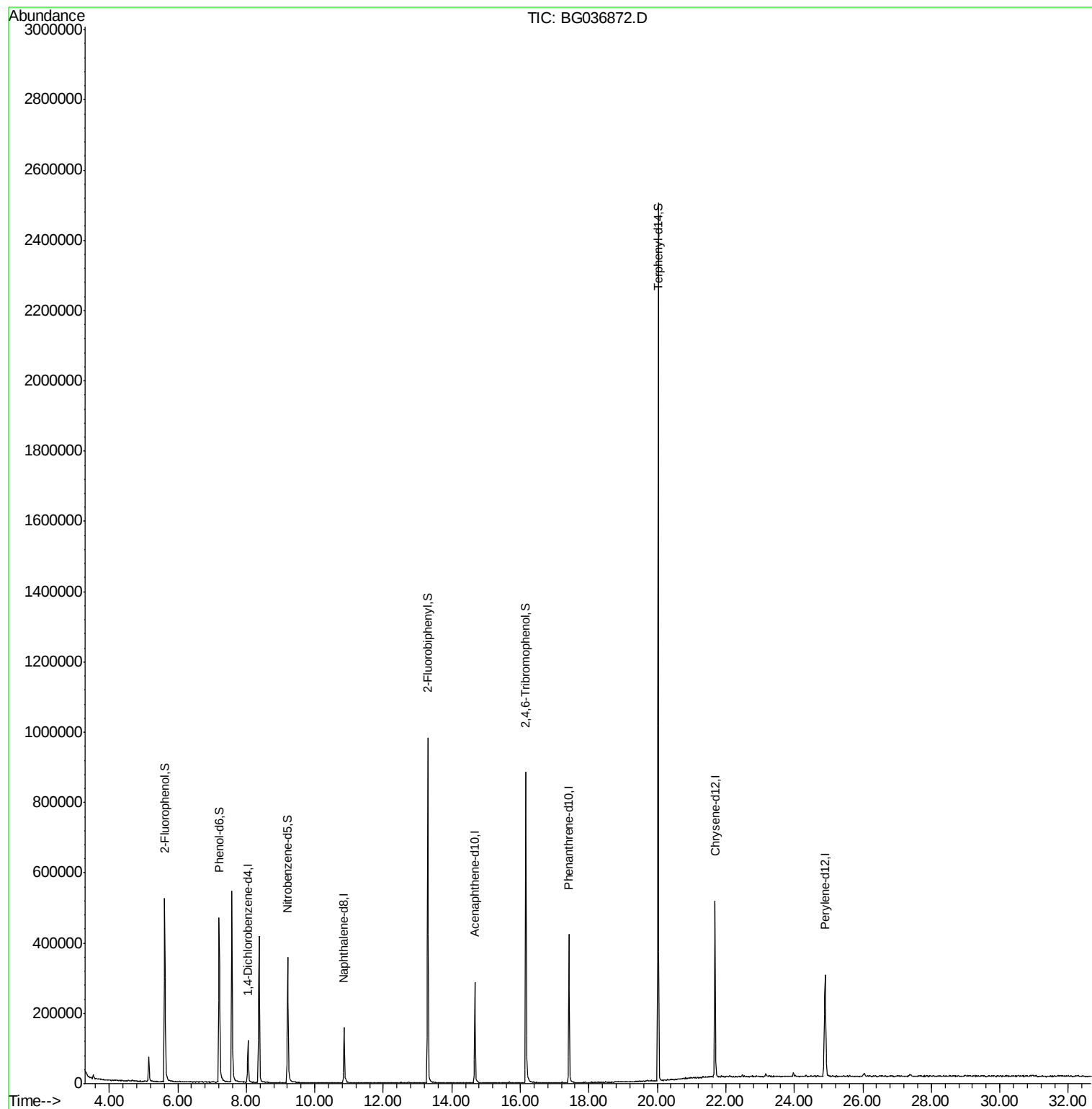
Target Compounds Qvalue

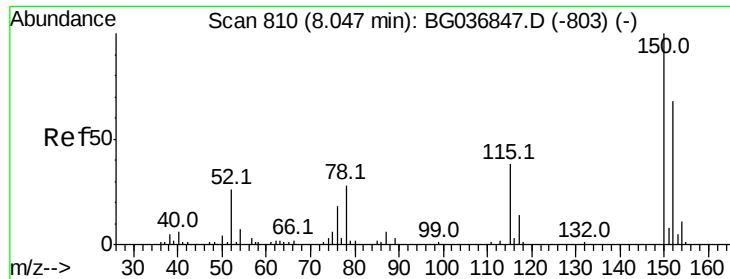
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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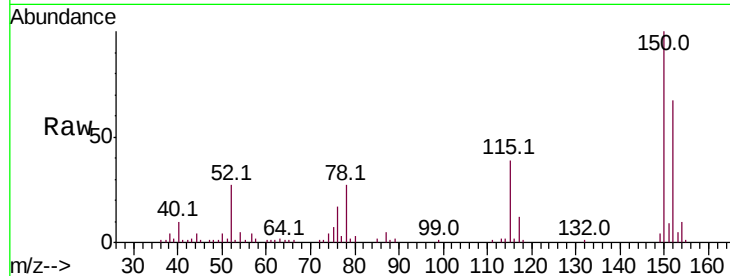


#1

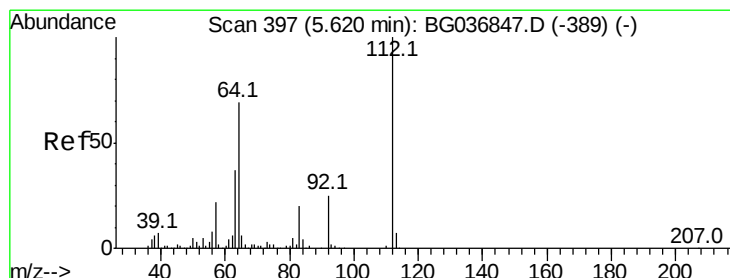
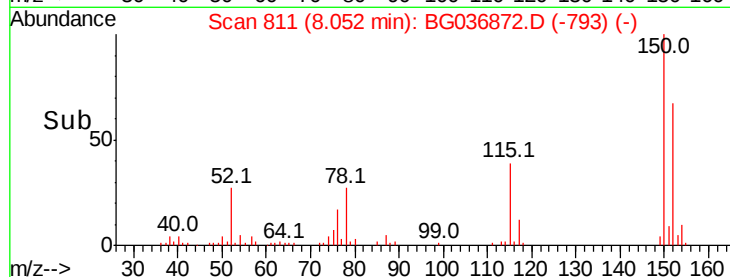
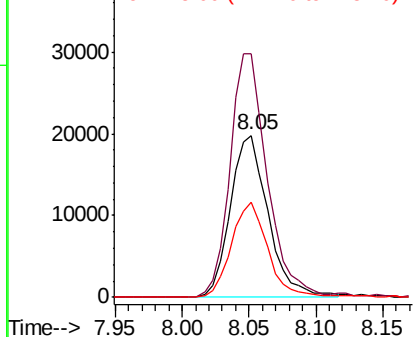
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BG036872.D
 Acq: 21 Sep 2018 23:56

Instrument :
 BNA_G
 ClientSampleId :
 PL-04-092018-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.8	119.5	179.3
115	58.3	44.5	66.7



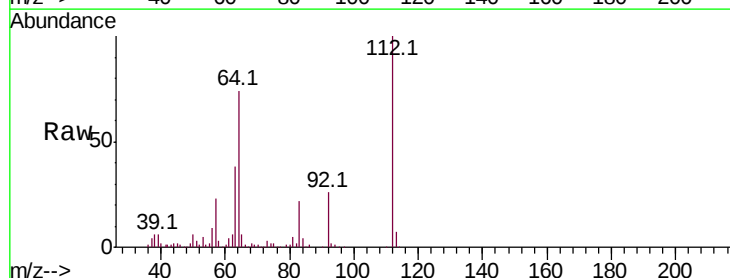
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



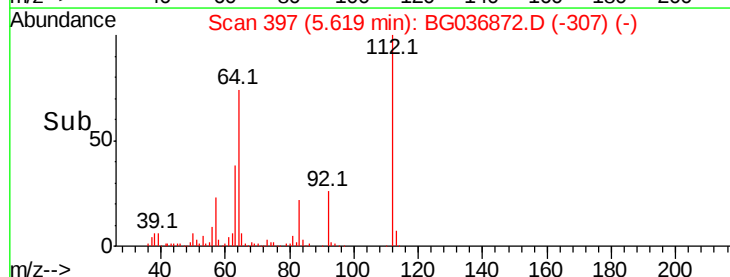
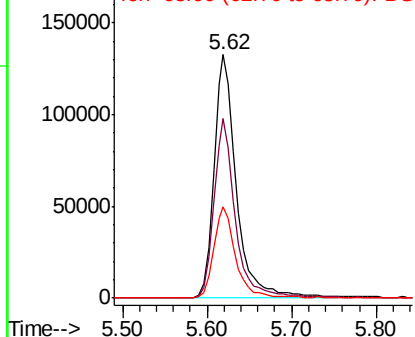
#5

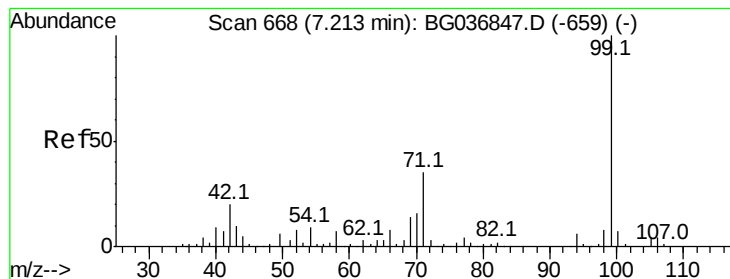
2-Fluorophenol
 Concen: 121.288 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036872.D
 Acq: 21 Sep 2018 23:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.7	57.2	85.8
63	37.7	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: 100.814 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036872.D

Acq: 21 Sep 2018 23:56

Instrument :

BNA_G

ClientSampleId :

PL-04-092018-B

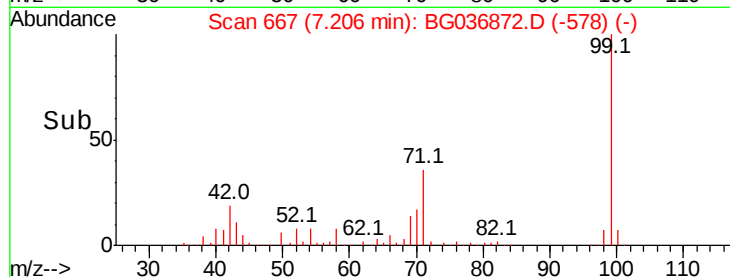
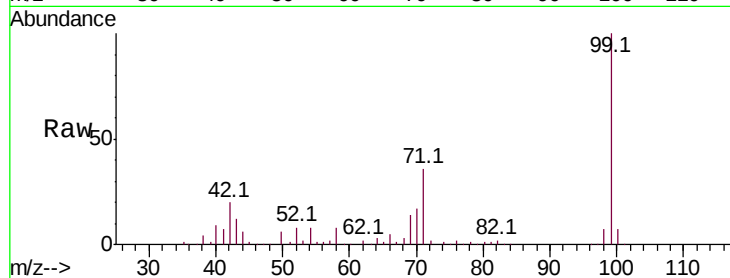
Tot Ion: 99 Resp: 317650

Ion Ratio Lower Upper

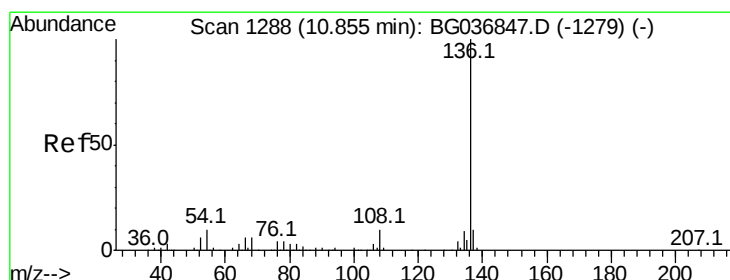
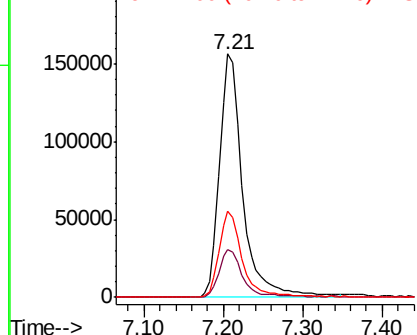
99 100

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: 10.85 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BG036872.D

Acq: 21 Sep 2018 23:56

Tgt Ion: 136 Resp: 157052

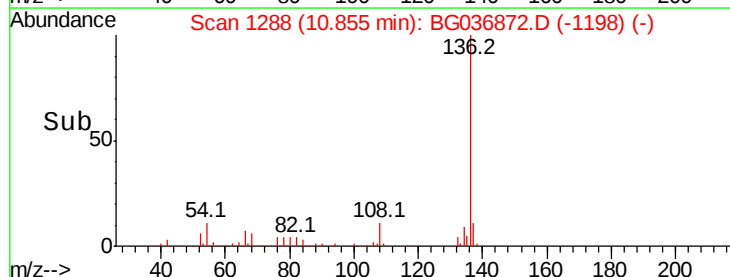
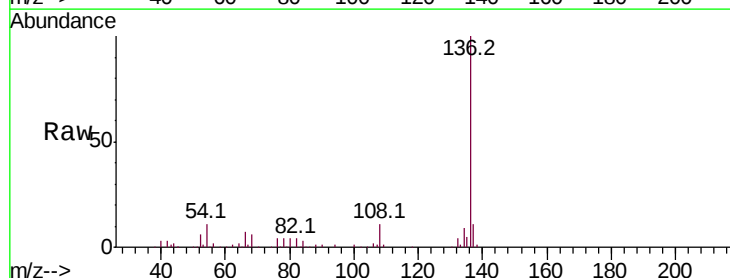
Ion Ratio Lower Upper

136 100

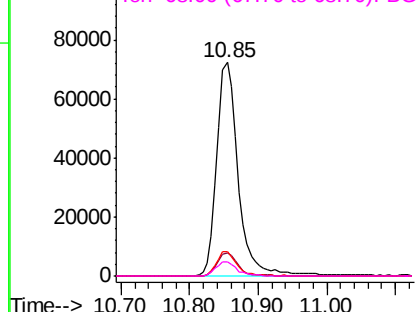
137 10.8 8.8 13.2

54 11.1 9.2 13.8

68 6.3 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

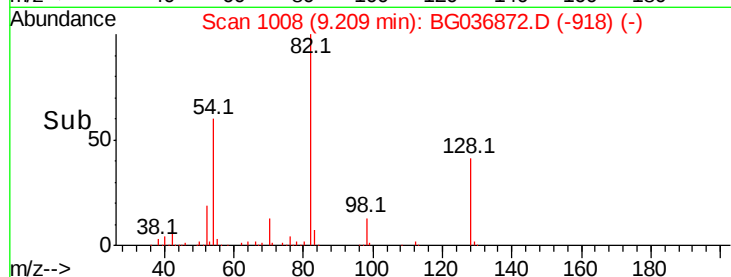
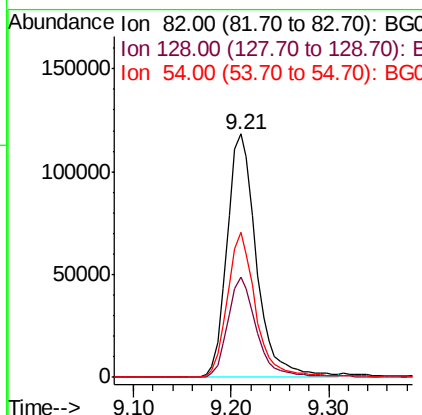
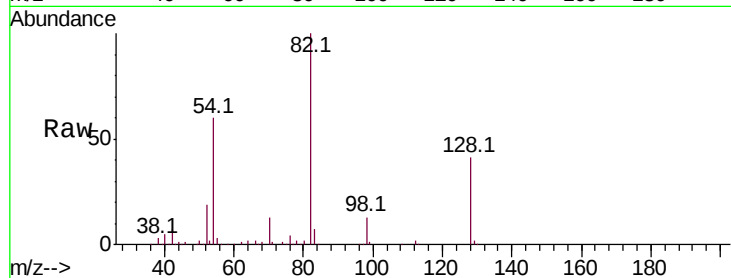




#23
Nitrobenzene-d5
Concen: 84.575 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG036872.D
Acq: 21 Sep 2018 23:56

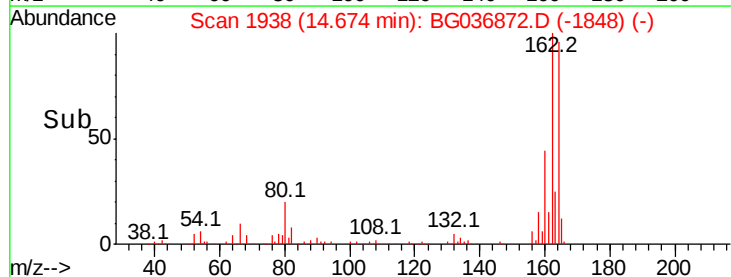
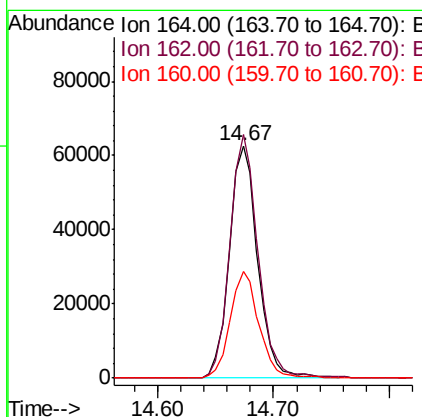
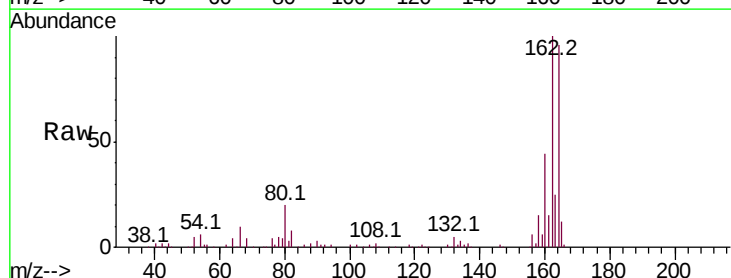
Instrument :
BNA_G
ClientSampleId :
PL-04-092018-B

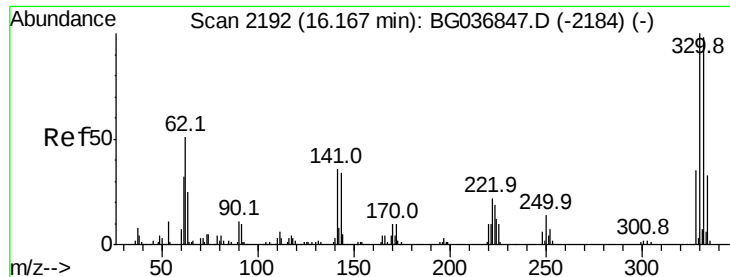
Tot Ion	82	Resp	248039
Ion Ratio	Lower	Upper	
82	100		
128	41.0	33.3	49.9
54	59.5	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG036872.D
Acq: 21 Sep 2018 23:56

Tgt Ion	164	Resp	106198
Ion Ratio	Lower	Upper	
164	100		
162	104.6	80.7	121.1
160	46.0	35.3	52.9

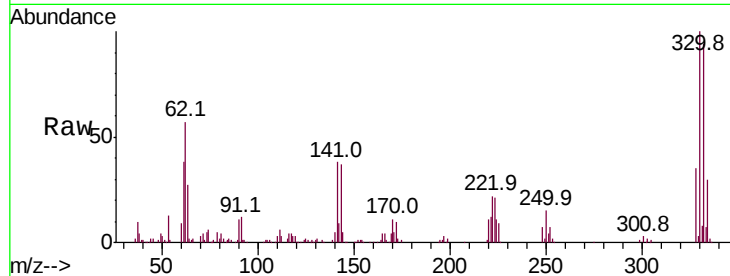




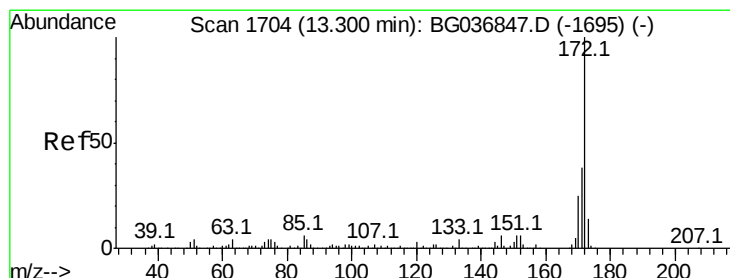
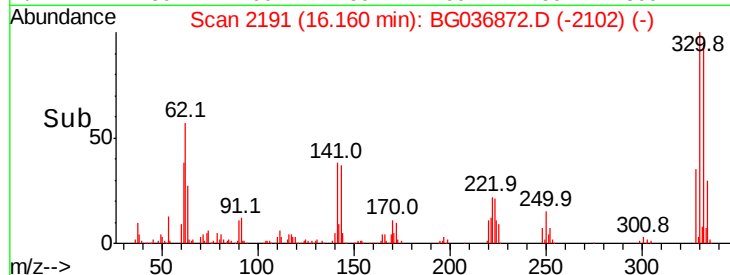
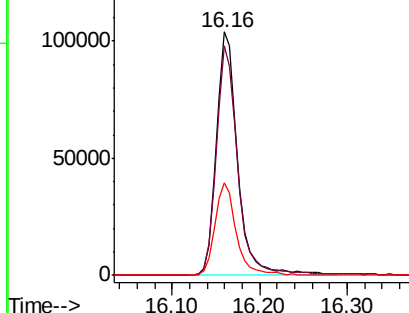
#41
 2,4,6-Tribromophenol
 Concen: 138.948 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036872.D
 Acq: 21 Sep 2018 23:56

Instrument :
 BNA_G
 ClientSampleId :
 PL-04-092018-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.4	75.4	113.2
141	38.0	30.7	46.1

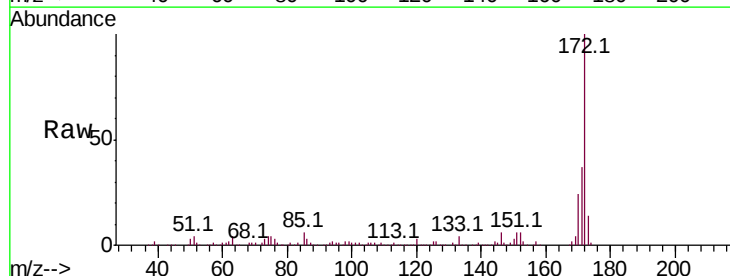


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

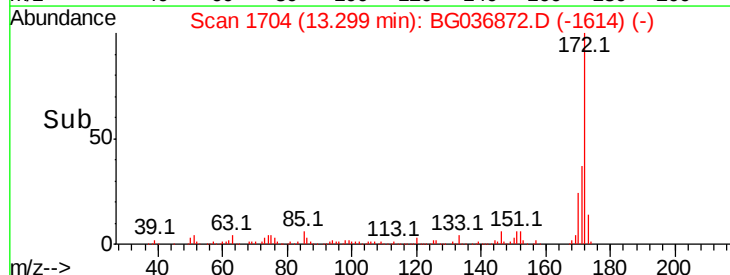
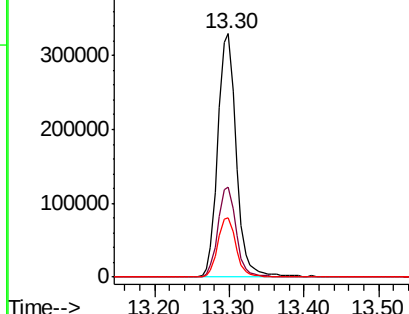


#44
 2-Fluorobiphenyl
 Concen: 79.834 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG036872.D
 Acq: 21 Sep 2018 23:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.3	46.9
170	24.2	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

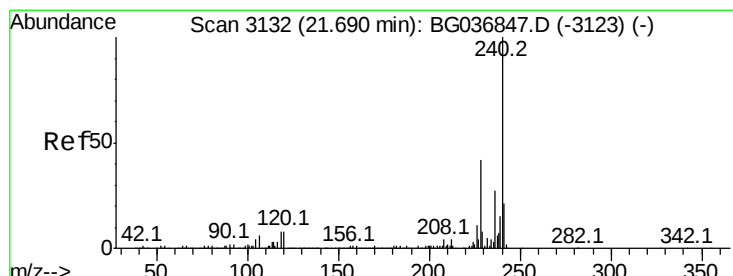
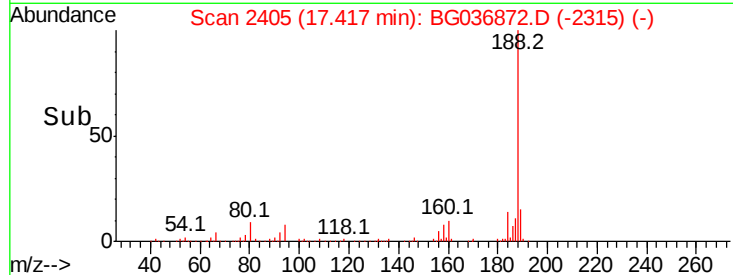
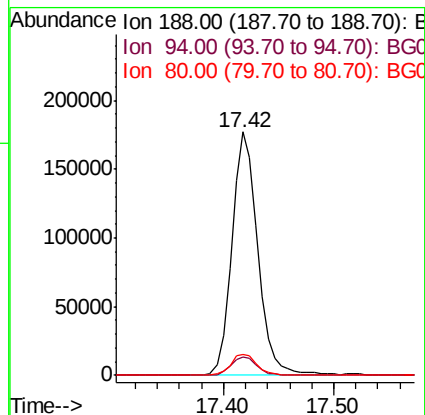
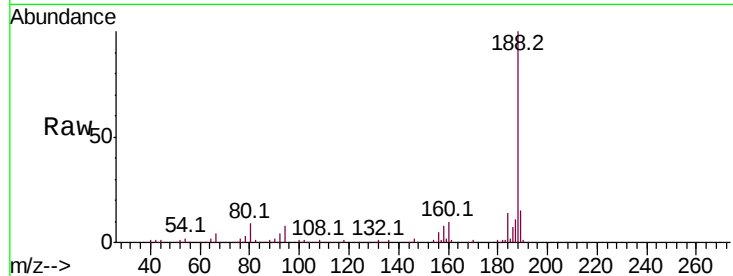




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BG036872.D
Acq: 21 Sep 2018 23:56

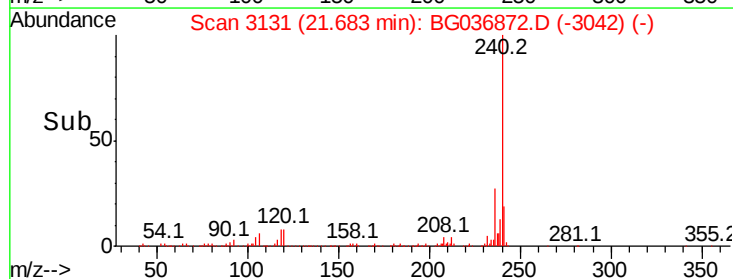
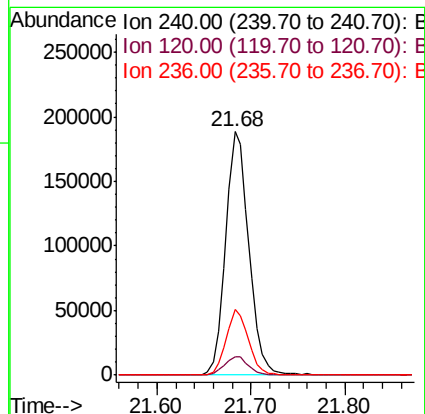
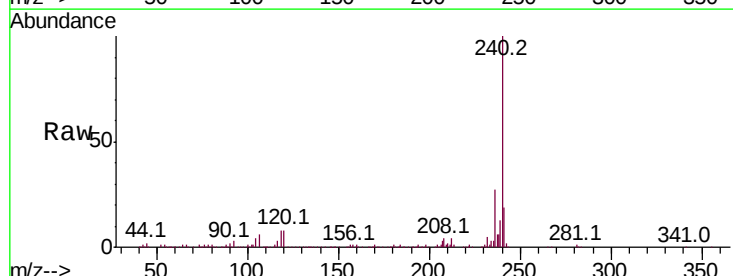
Instrument :
BNA_G
ClientSampleId :
PL-04-092018-B

Tot Ion:188 Resp: 290346
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 8.8 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036872.D
Acq: 21 Sep 2018 23:56

Tgt Ion:240 Resp: 323607
Ion Ratio Lower Upper
240 100
120 7.6 6.9 10.3
236 26.8 21.2 31.8





#78

Terphenyl-d14

Concen: 96.861 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036872.D

Acq: 21 Sep 2018 23:56

Instrument :

BNA_G

ClientSampleId :

PL-04-092018-B

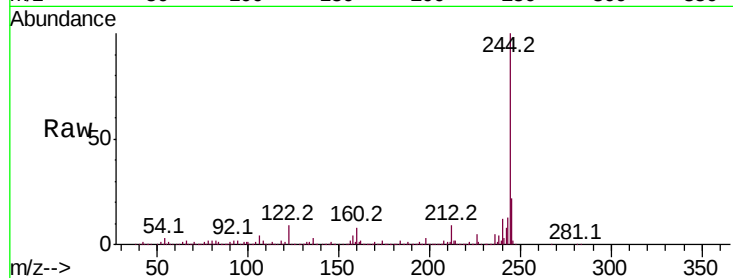
Tot Ion:244 Resp: 1192051

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

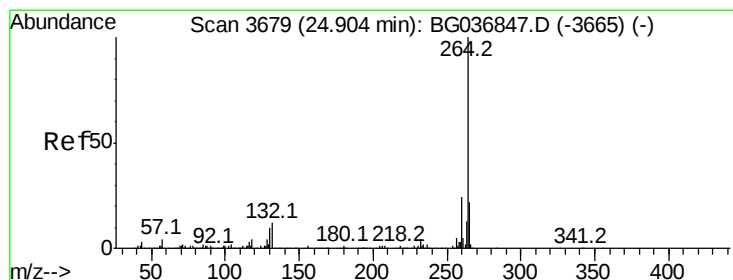
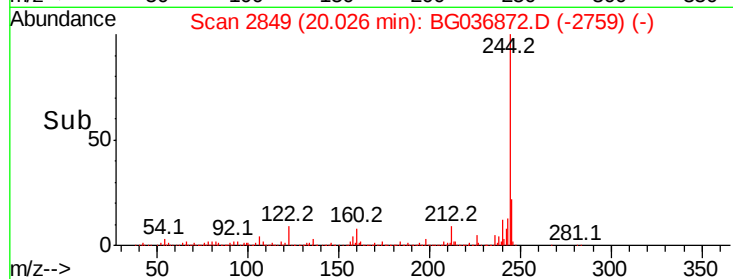
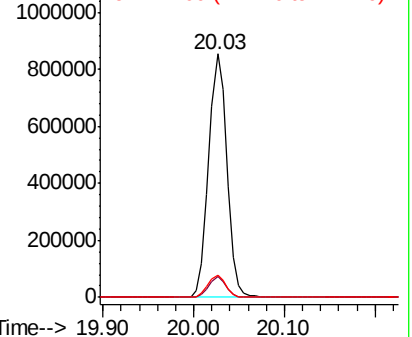
122 9.0 7.1 10.7



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# 3678

Delta R.T. -0.01 min

Lab File: BG036872.D

Acq: 21 Sep 2018 23:56

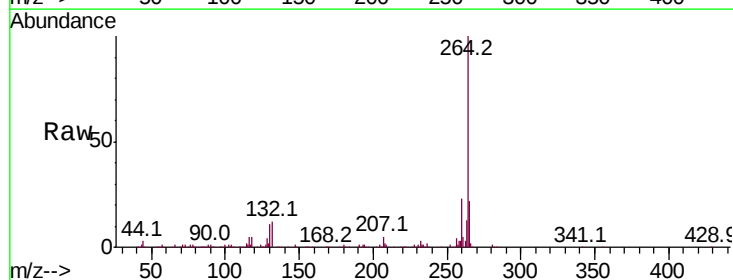
Tgt Ion:264 Resp: 322715

Ion Ratio Lower Upper

264 100

260 23.2 19.6 29.4

265 21.8 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

