

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036746.D
 Acq On : 15 Sep 2018 18:14
 Operator : JU/SJ
 Sample : PB112846TB
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112846TB

Quant Time: Sep 17 05:09:30 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	59408	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	230621	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	154913	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	405539	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	416442	20.00	ng	-0.02
86) Perylene-d12	24.89	264	415732	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	446607	119.25	ng	0.00
7) Phenol-d6	7.21	99	605091	112.85	ng	-0.01
23) Nitrobenzene-d5	9.21	82	374426	88.09	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	182095	98.51	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	878971	81.01	ng	-0.01
78) Terphenyl-d14	20.02	244	1522800	85.47	ng	-0.01

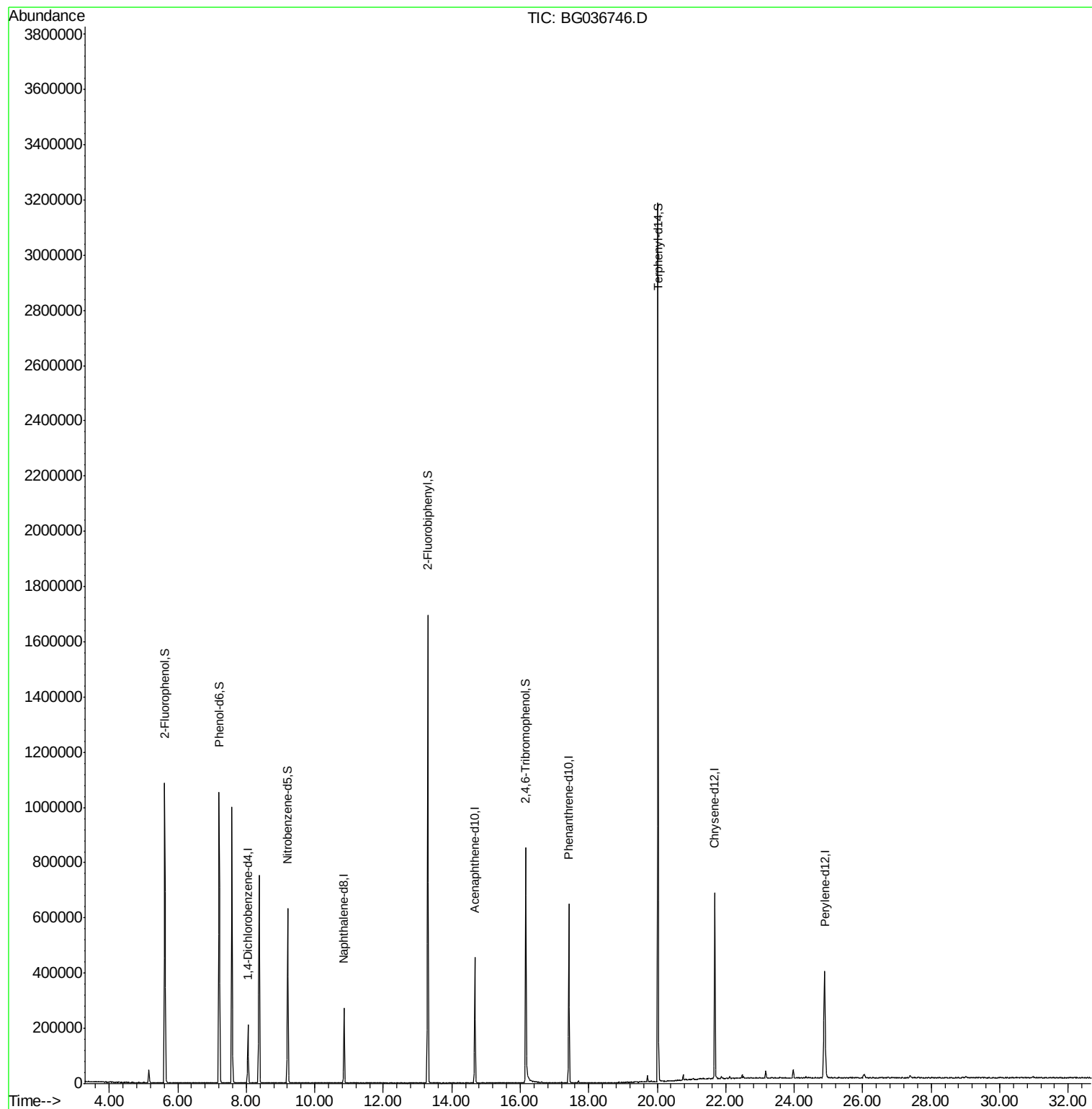
Target Compounds Qvalue

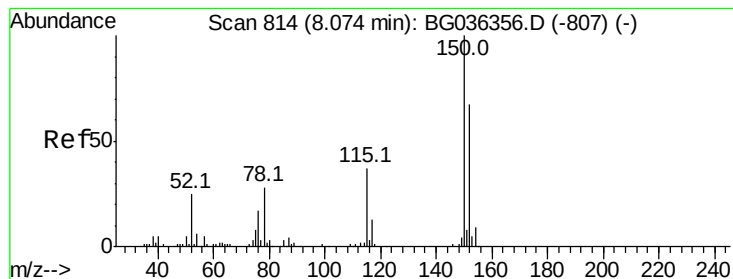
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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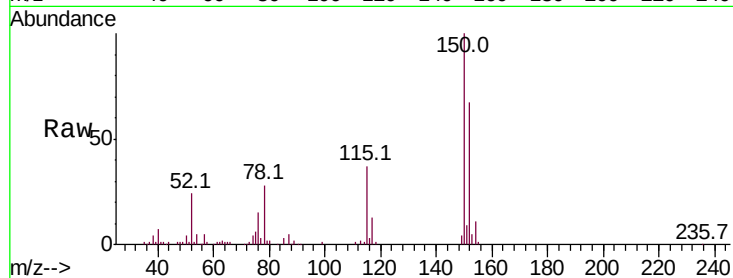


#1

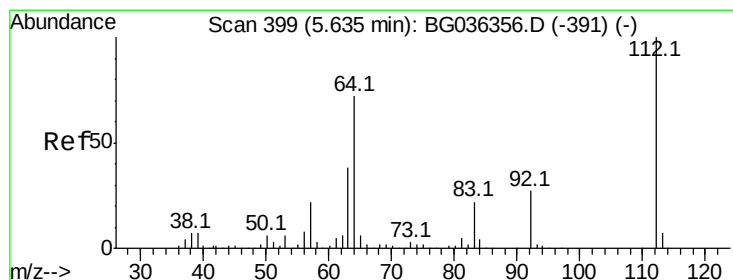
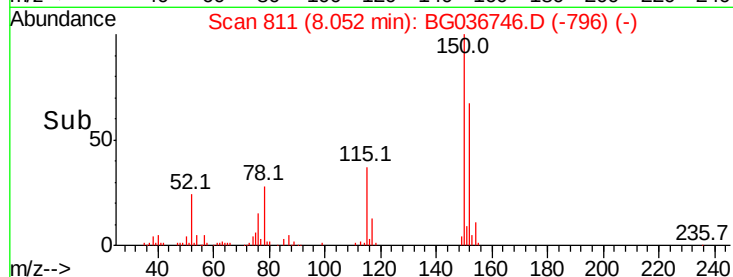
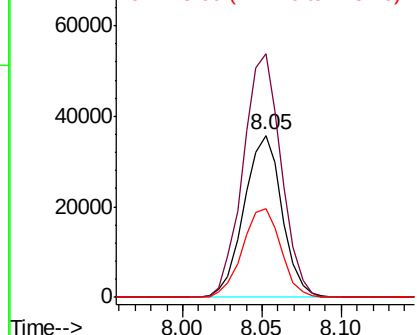
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036746.D
Acq: 15 Sep 2018 18:14

Instrument :
BNA_G
ClientSampleId :
PB112846TB

Tot Ion:152 Resp: 59408
Ion Ratio Lower Upper
152 100
150 150.3 119.5 179.3
115 54.9 44.5 66.7



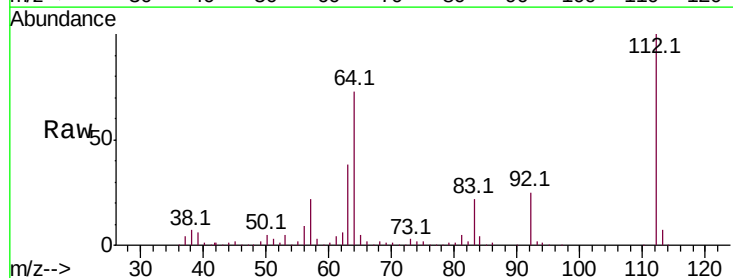
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



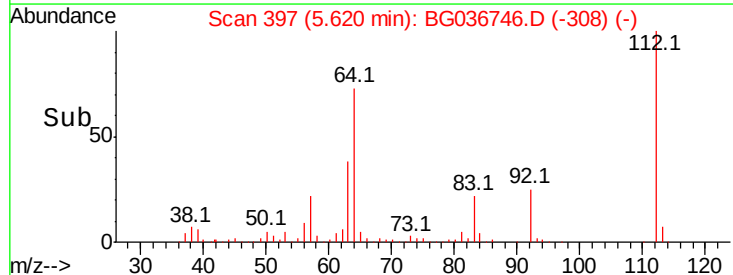
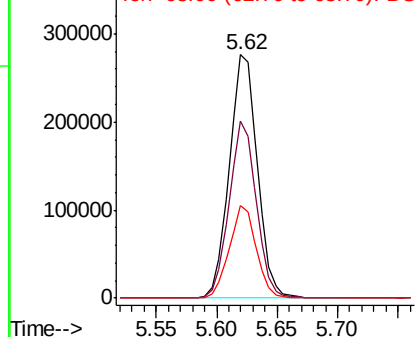
#5

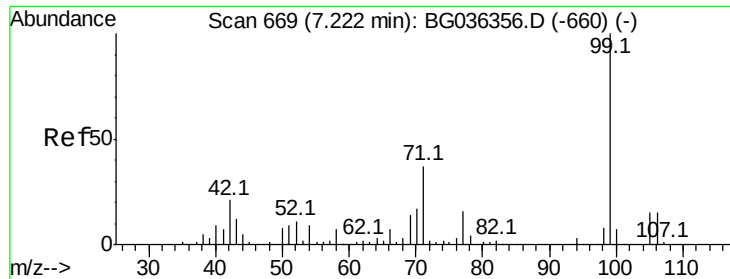
2-Fluorophenol
Concen: 119.252 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036746.D
Acq: 15 Sep 2018 18:14

Tgt Ion:112 Resp: 446607
Ion Ratio Lower Upper
112 100
64 72.9 57.2 85.8
63 37.9 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: 112.847 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036746.D

Acq: 15 Sep 2018 18:14

Instrument :

BNA_G

ClientSampleId :

PB112846TB

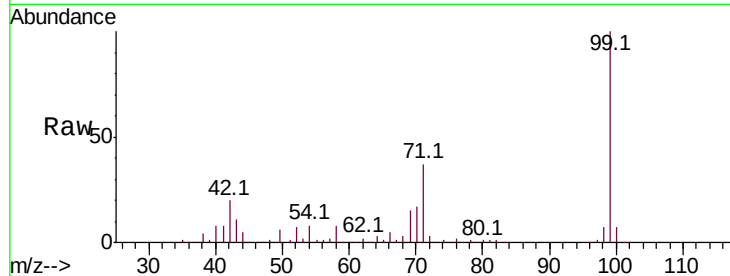
Tot Ion: 99 Resp: 605091

Ion Ratio Lower Upper

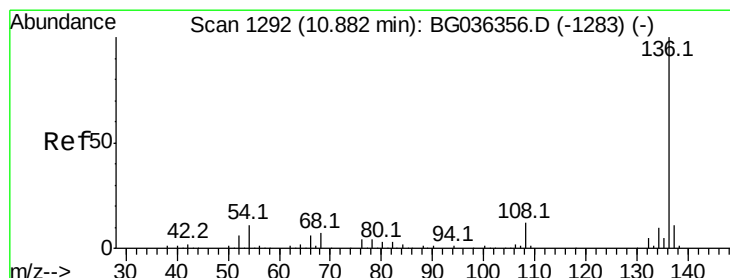
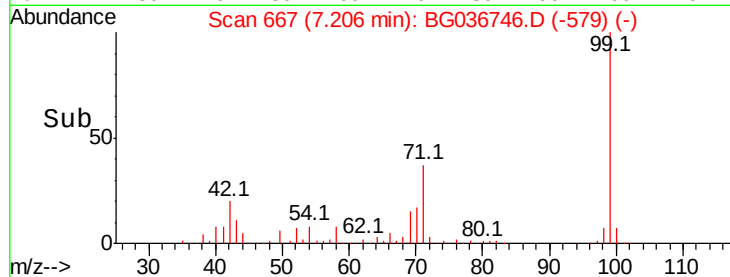
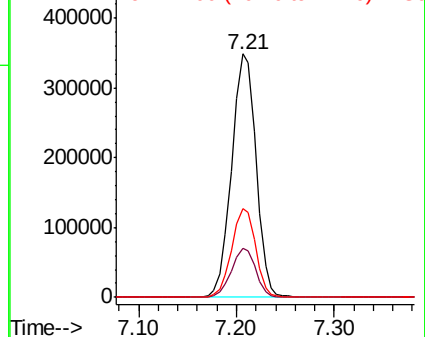
99 100

42 20.1 16.5 24.7

71 36.7 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: BG036746.D

Acq: 15 Sep 2018 18:14

Tgt Ion: 136 Resp: 230621

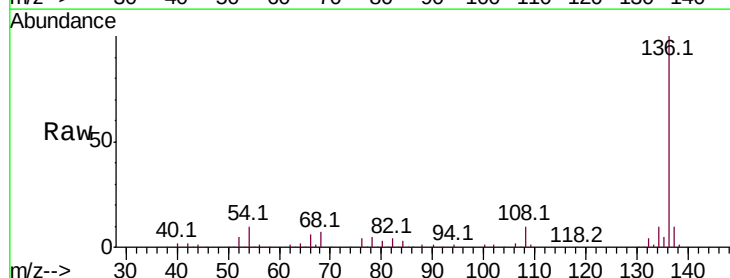
Ion Ratio Lower Upper

136 100

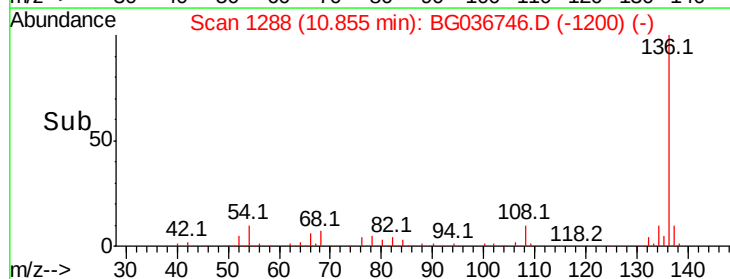
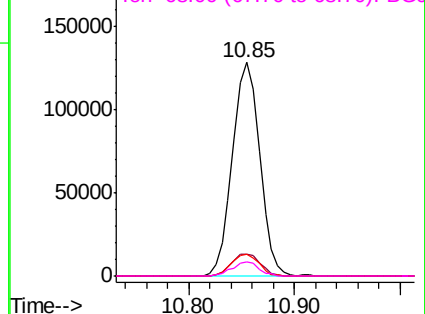
137 10.3 8.8 13.2

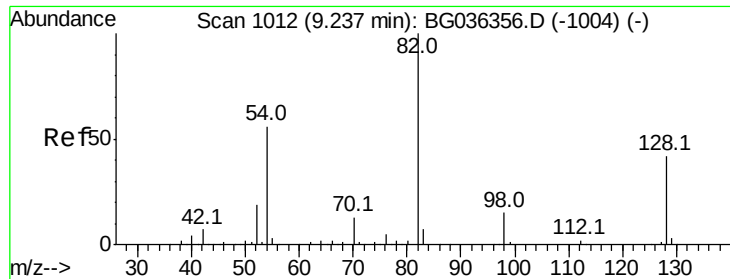
54 10.0 9.2 13.8

68 6.5 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

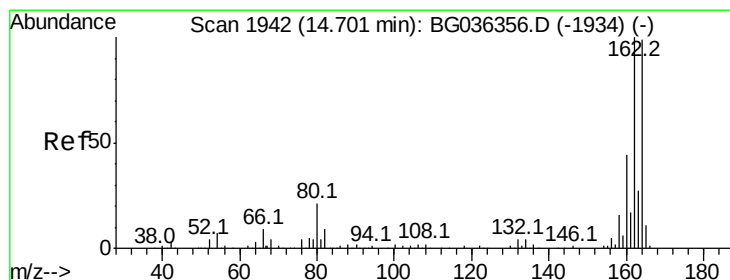
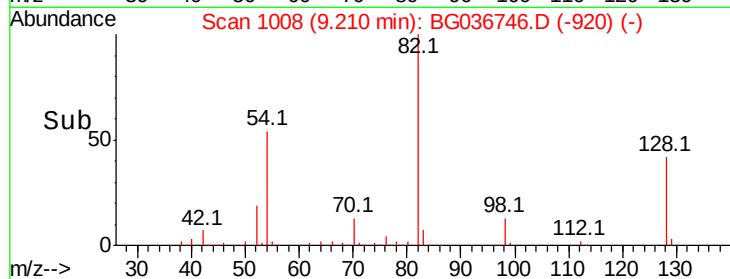
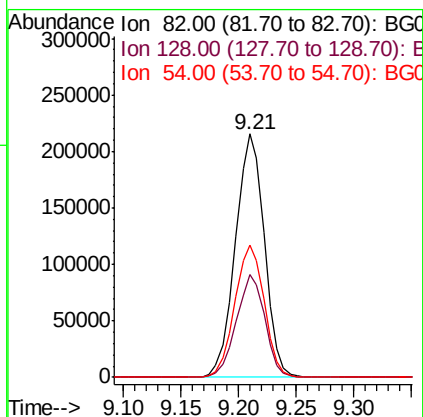
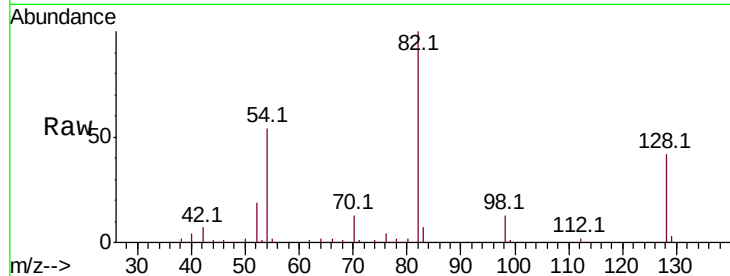




#23
 Nitrobenzene-d5
 Concen: 88.089 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036746.D
 Acq: 15 Sep 2018 18:14

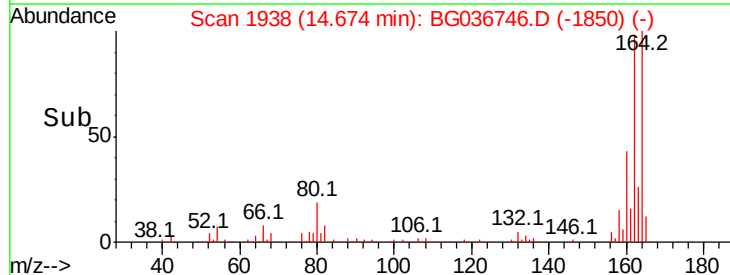
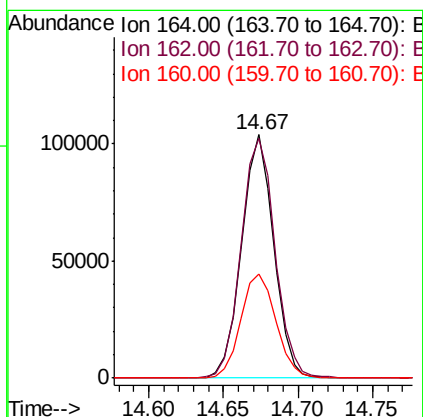
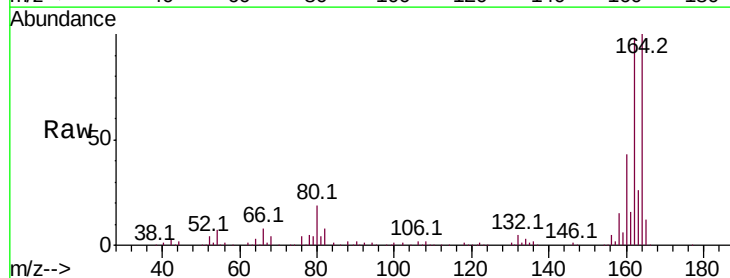
Instrument :
 BNA_G
 ClientSampleID :
 PB112846TB

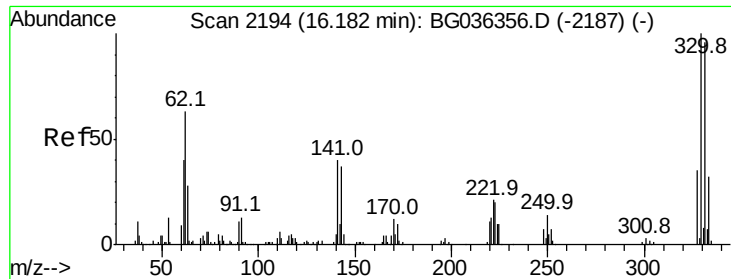
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.3	49.9
54	54.1	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036746.D
 Acq: 15 Sep 2018 18:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.3	80.7	121.1
160	42.6	35.3	52.9

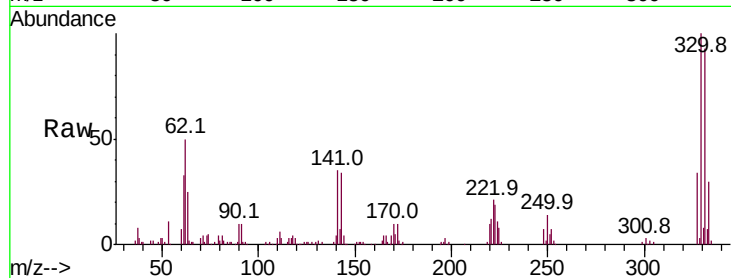




#41
 2,4,6-Tribromophenol
 Concen: 98.512 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036746.D
 Acq: 15 Sep 2018 18:14

Instrument :
 BNA_G
 ClientSampleId :
 PB112846TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	75.4	113.2
141	36.2	30.7	46.1

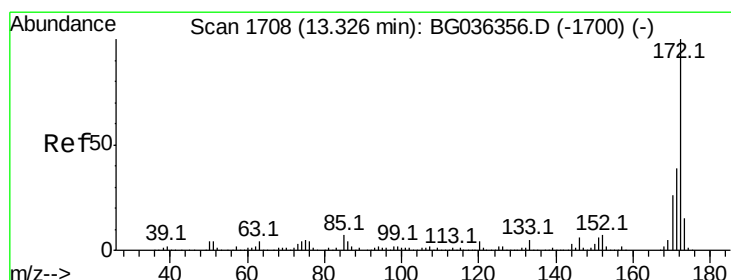
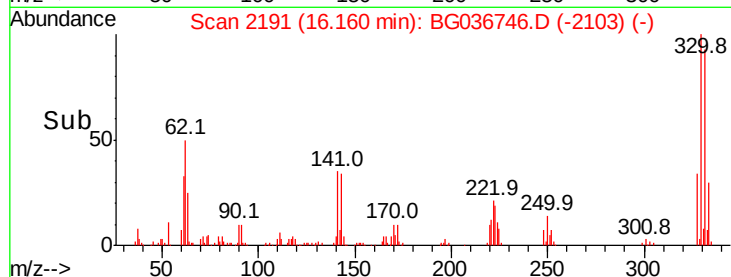
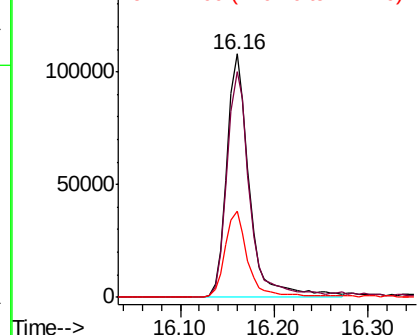


Abundance

Ion 329.80 (329.50 to 330.50): E

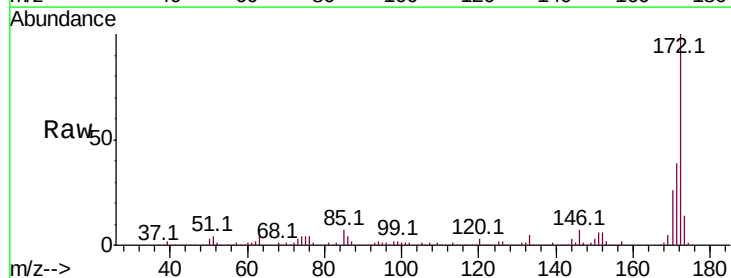
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.014 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036746.D
 Acq: 15 Sep 2018 18:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.3	46.9
170	25.7	21.0	31.6

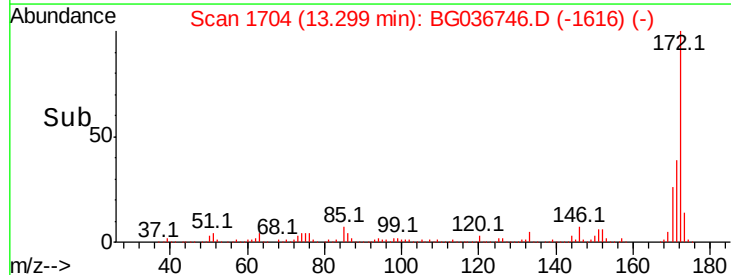
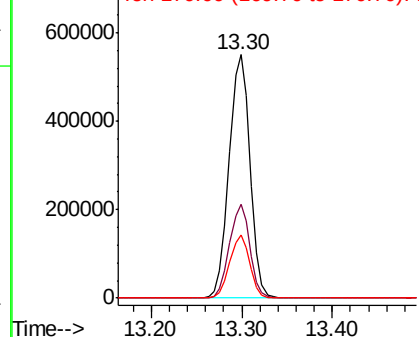


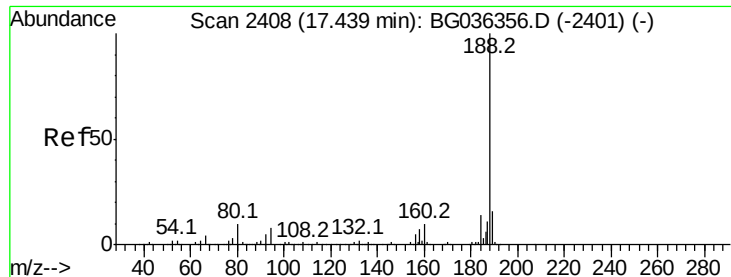
Abundance

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

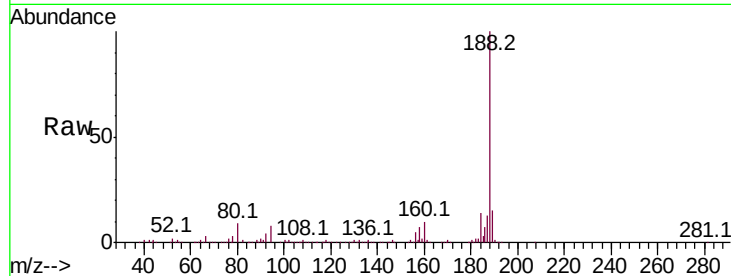




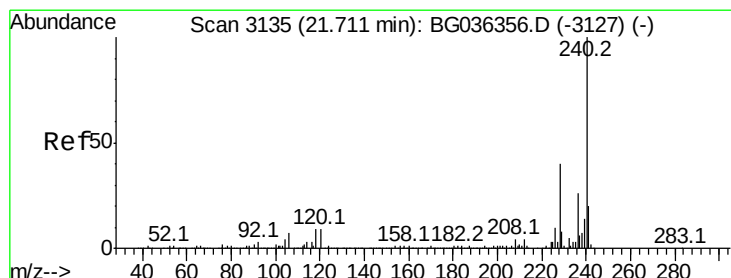
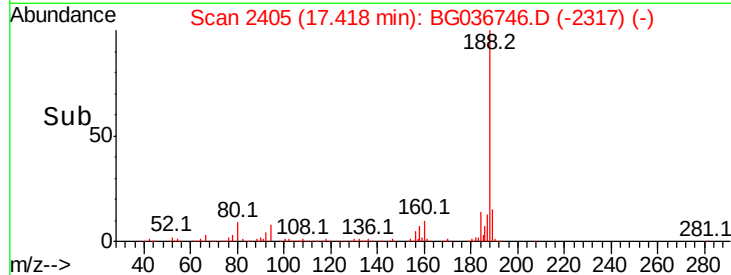
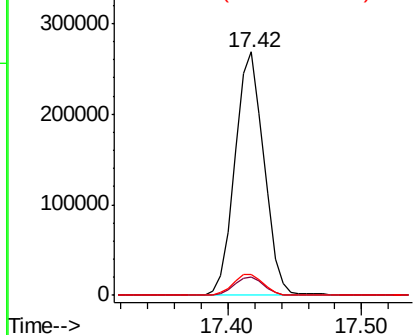
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036746.D
Acq: 15 Sep 2018 18:14

Instrument :
BNA_G
ClientSampleId :
PB112846TB

Tot Ion:188 Resp: 405539
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.6 8.1 12.1

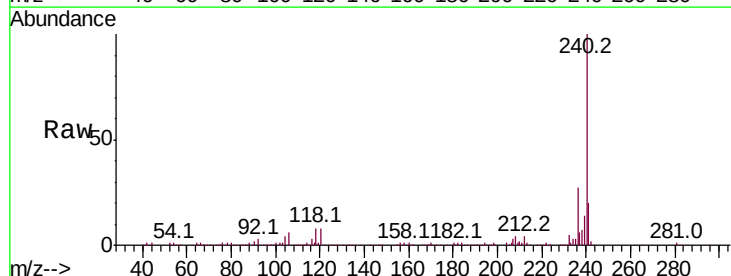


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

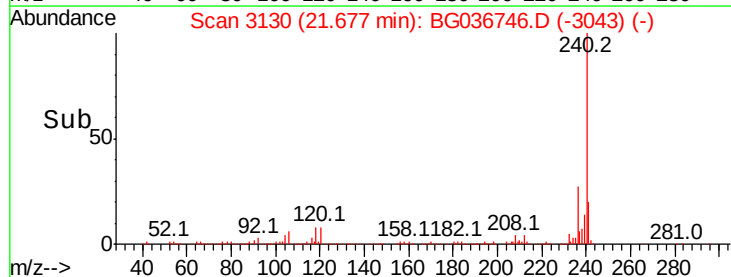
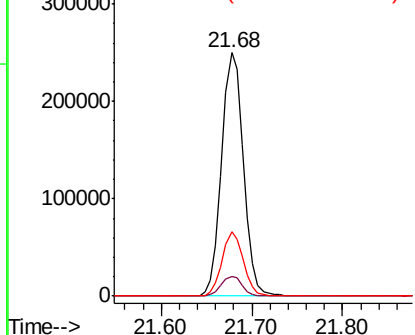


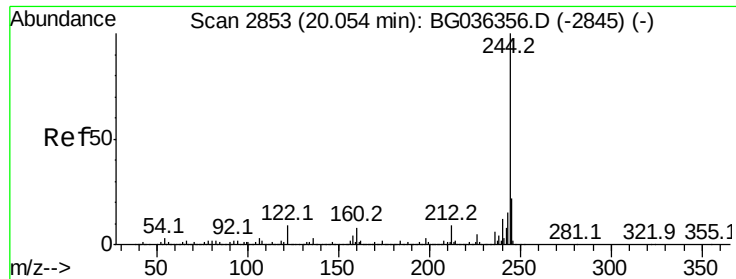
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036746.D
Acq: 15 Sep 2018 18:14

Tgt Ion:240 Resp: 416442
Ion Ratio Lower Upper
240 100
120 8.1 6.9 10.3
236 26.7 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



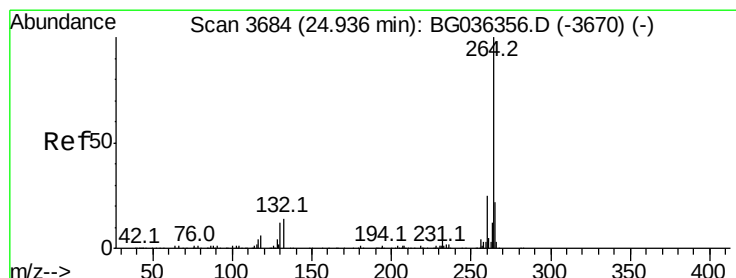
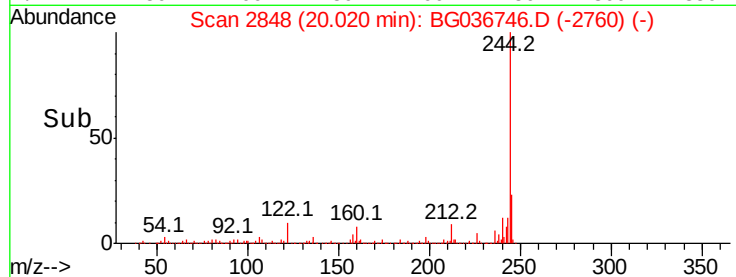
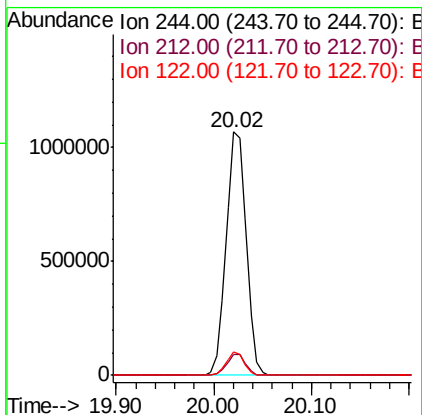
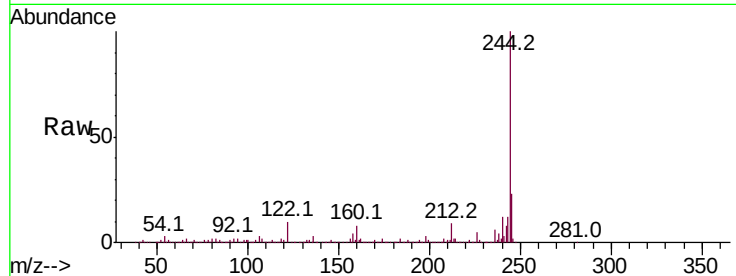


#78
 Terphenyl-d14
 Concen: 85.469 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036746.D
 Acq: 15 Sep 2018 18:14

Instrument :
 BNA_G
 ClientSampleId :
 PB112846TB

Tot Ion:244 Resp: 1522800

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	9.8	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036746.D
 Acq: 15 Sep 2018 18:14

Tgt Ion:264 Resp: 415732

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.3	17.4	26.0

