

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036822.D
 Acq On : 19 Sep 2018 15:16
 Operator : JU/SJ
 Sample : PB112901TB
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112901TB

Quant Time: Sep 19 16:15:44 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	8.04	152	53311	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	217585	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	141059	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	351201	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	358107	20.00	ng	-0.01
86) Perylene-d12	24.89	264	348762	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	414159	123.24	ng	0.00
7) Phenol-d6	7.21	99	574475	119.39	ng	0.00
23) Nitrobenzene-d5	9.21	82	356010	88.77	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	214575	127.48	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	821693	83.17	ng	-0.01
78) Terphenyl-d14	20.02	244	1328989	86.74	ng	0.00

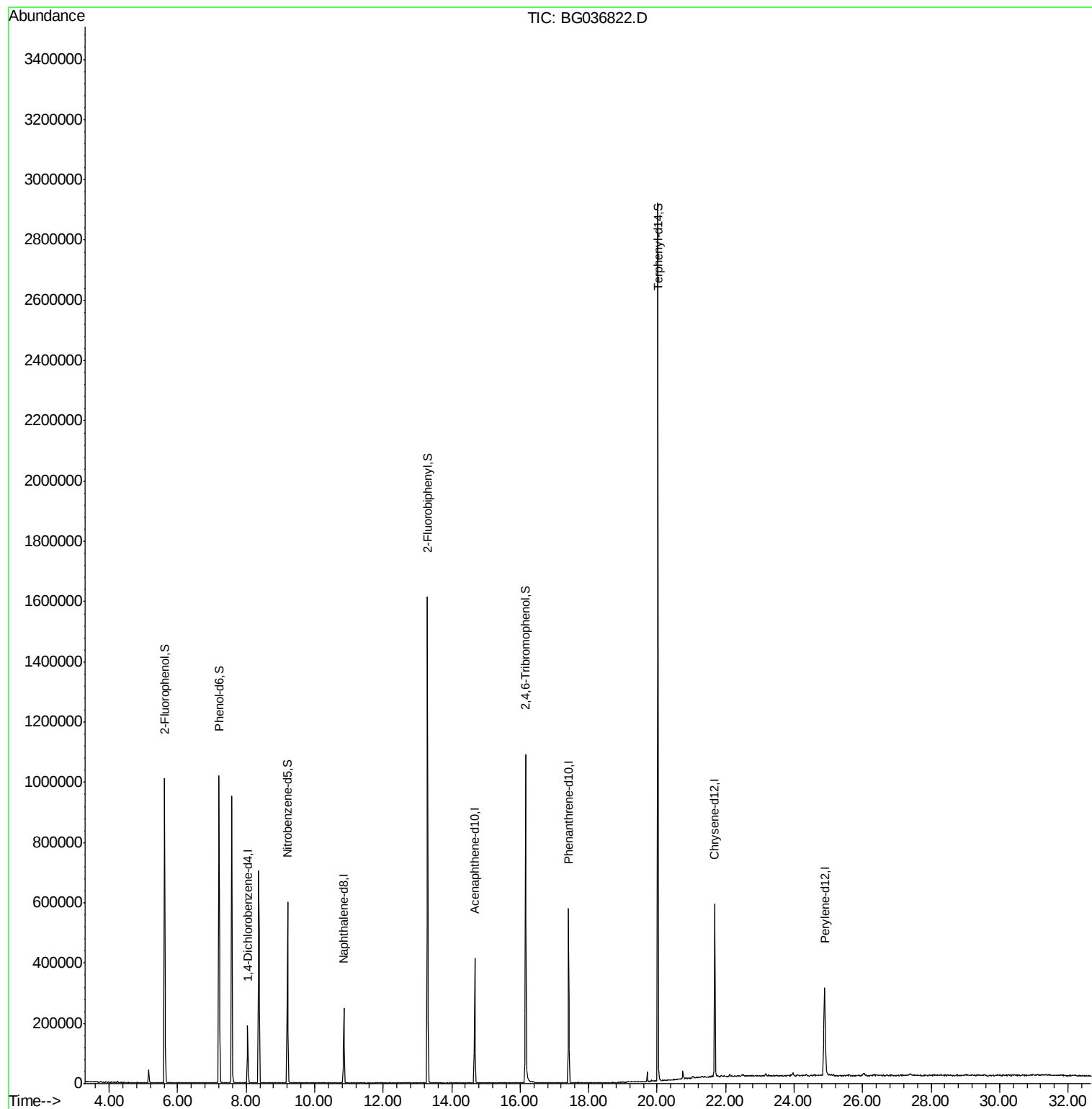
Target Compounds Qvalue

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

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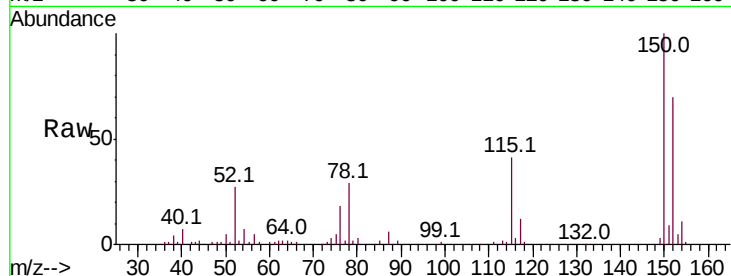


#1

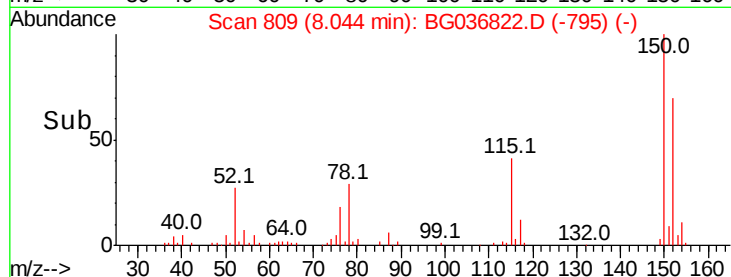
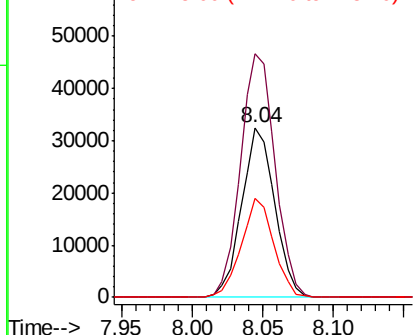
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG036822.D
Acq: 19 Sep 2018 15:16

Instrument :
BNA_G
ClientSampleId :
PB112901TB

Tot Ion:152 Resp: 53311
Ion Ratio Lower Upper
152 100
150 143.5 119.5 179.3
115 58.3 44.5 66.7



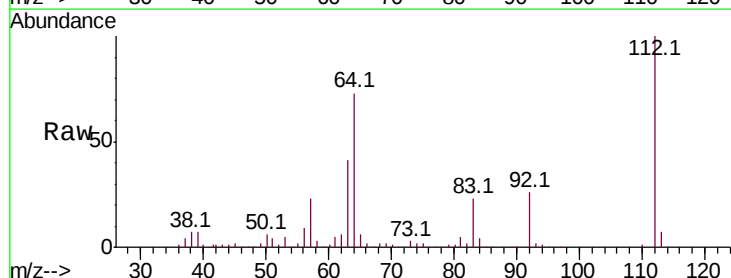
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



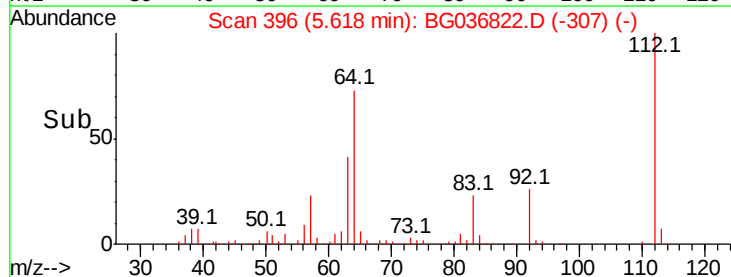
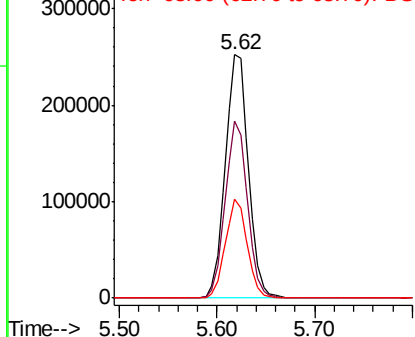
#5

2-Fluorophenol
Concen: 123.235 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036822.D
Acq: 19 Sep 2018 15:16

Tgt Ion:112 Resp: 414159
Ion Ratio Lower Upper
112 100
64 72.9 57.2 85.8
63 40.6 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: 119.391 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036822.D

Acq: 19 Sep 2018 15:16

Instrument :

BNA_G

ClientSampleId :

PB112901TB

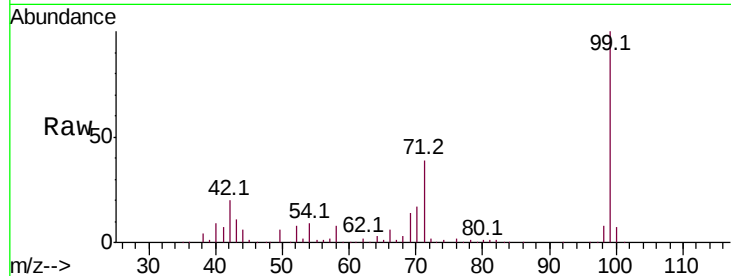
Tot Ion: 99 Resp: 574475

Ion Ratio Lower Upper

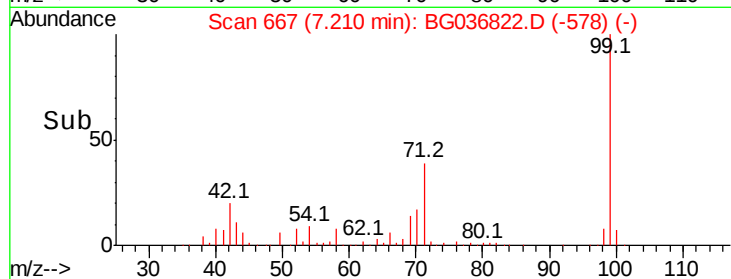
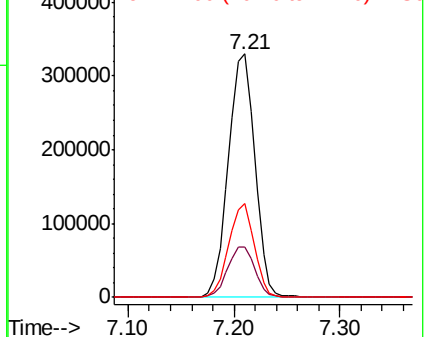
99 100

42 20.5 16.5 24.7

71 38.5 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# 1287

Delta R.T. -0.01 min

Lab File: BG036822.D

Acq: 19 Sep 2018 15:16

Tgt Ion: 136 Resp: 217585

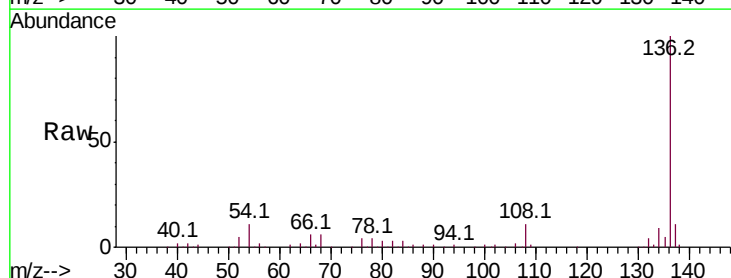
Ion Ratio Lower Upper

136 100

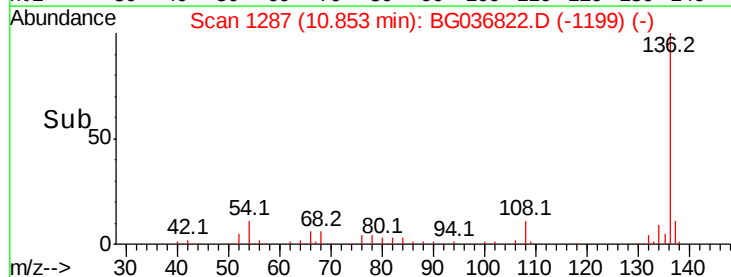
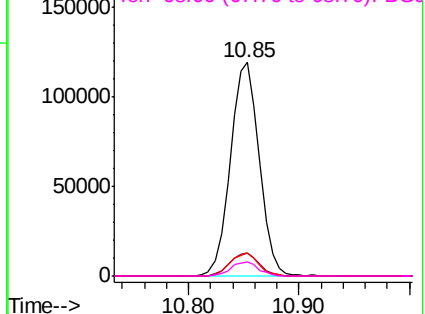
137 10.8 8.8 13.2

54 11.0 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

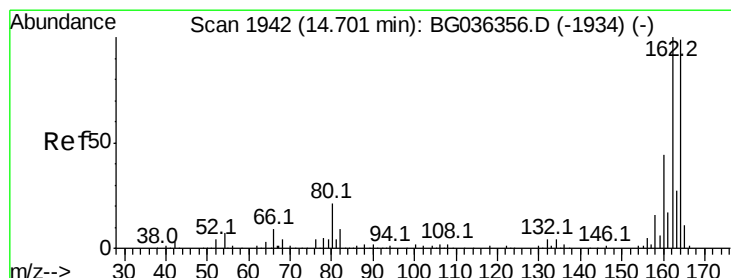
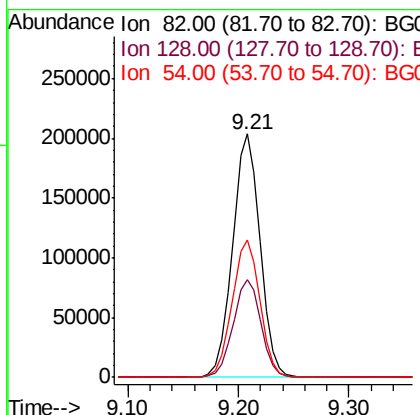
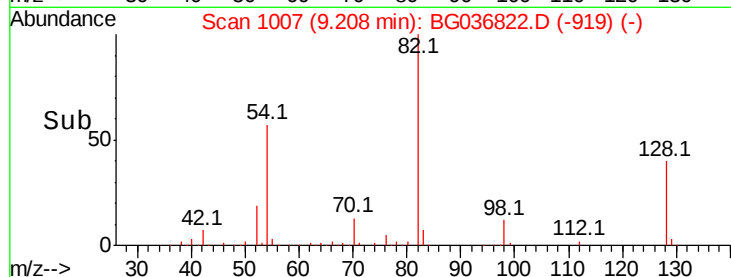
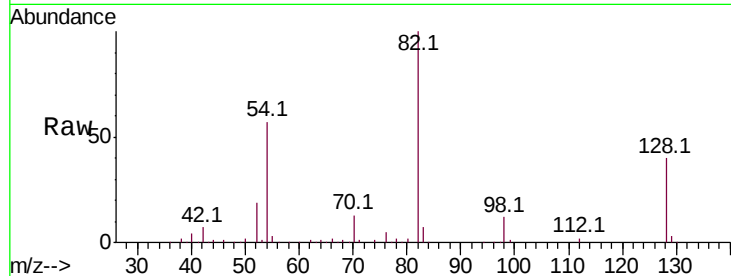




#23
 Nitrobenzene-d5
 Concen: 88.774 ng
 RT: 9.21 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG036822.D
 Acq: 19 Sep 2018 15:16

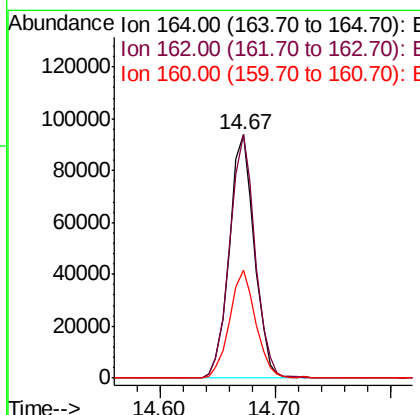
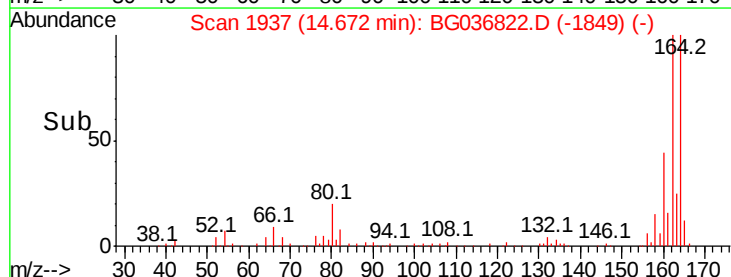
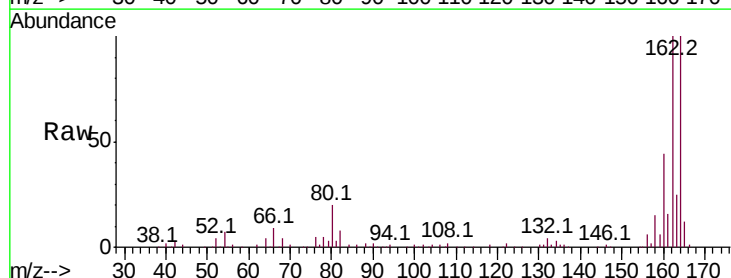
Instrument :
 BNA_G
 ClientSampleId :
 PB112901TB

Tot Ion: 82 Resp: 356010
 Ion Ratio Lower Upper
 82 100
 128 40.2 33.3 49.9
 54 56.6 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BG036822.D
 Acq: 19 Sep 2018 15:16

Tgt Ion: 164 Resp: 141059
 Ion Ratio Lower Upper
 164 100
 162 100.1 80.7 121.1
 160 44.3 35.3 52.9

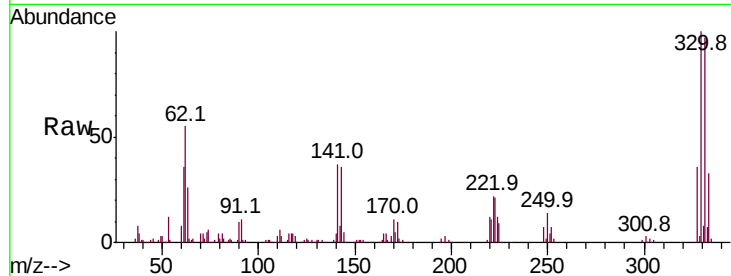




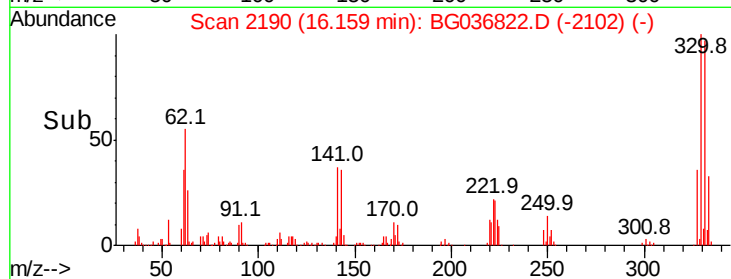
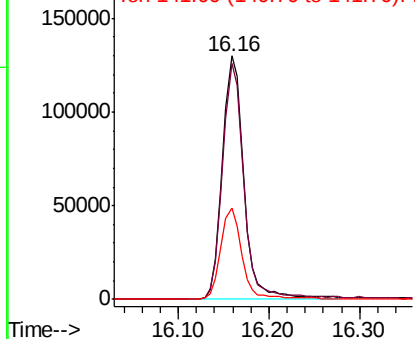
#41
 2,4,6-Tribromophenol
 Concen: 127.484 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036822.D
 Acq: 19 Sep 2018 15:16

Instrument :
 BNA_G
 ClientSampleId :
 PB112901TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.4	113.2
141	37.2	30.7	46.1

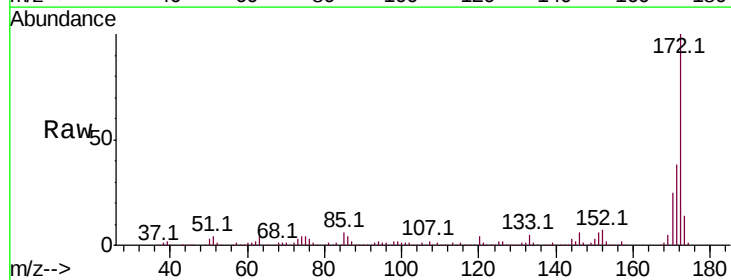


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

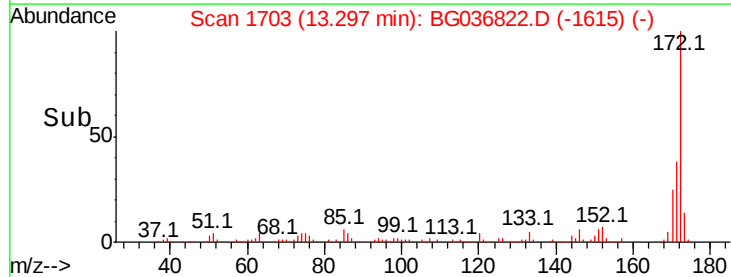
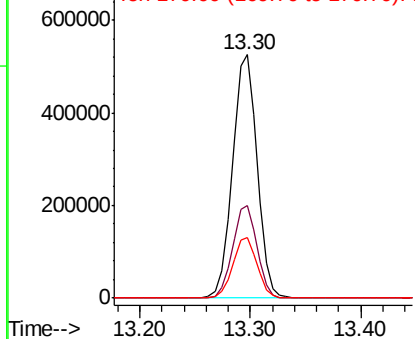


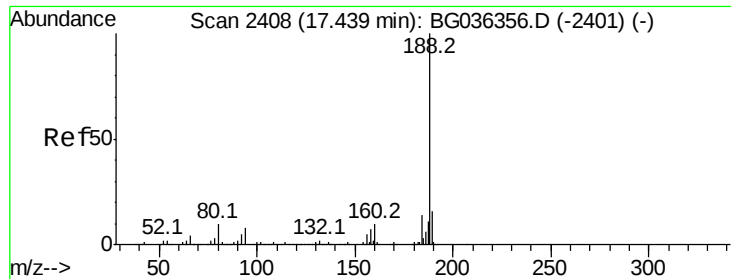
#44
 2-Fluorobiphenyl
 Concen: 83.173 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036822.D
 Acq: 19 Sep 2018 15:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	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

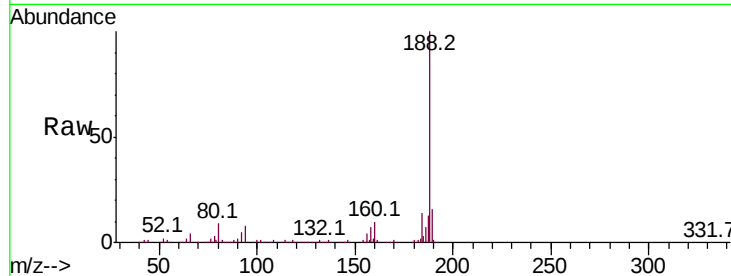




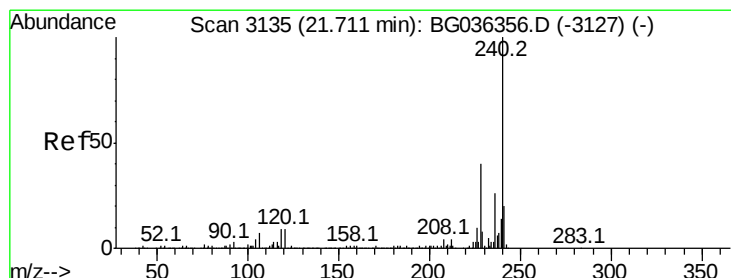
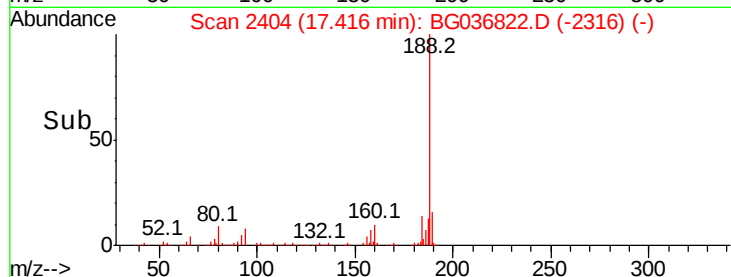
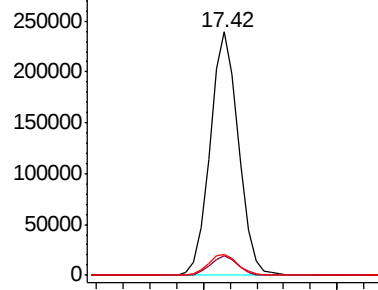
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036822.D
Acq: 19 Sep 2018 15:16

Instrument :
BNA_G
ClientSampleId :
PB112901TB

Tot Ion:188 Resp: 351201
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.8 8.1 12.1

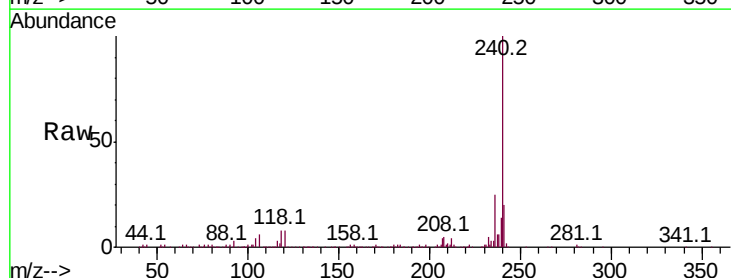


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

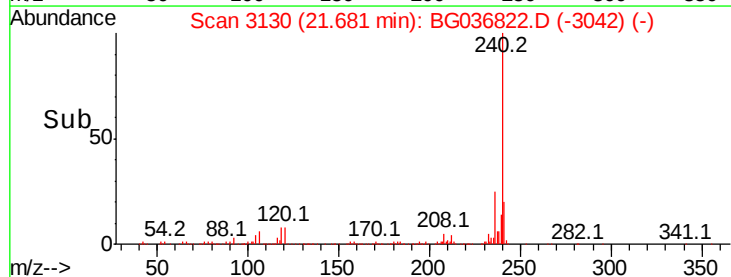
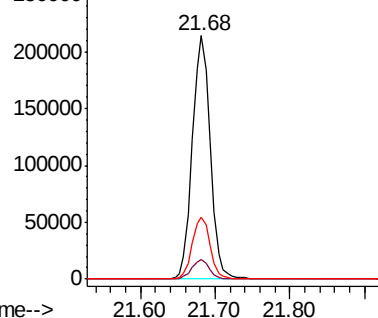


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036822.D
Acq: 19 Sep 2018 15:16

Tgt Ion:240 Resp: 358107
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 25.3 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



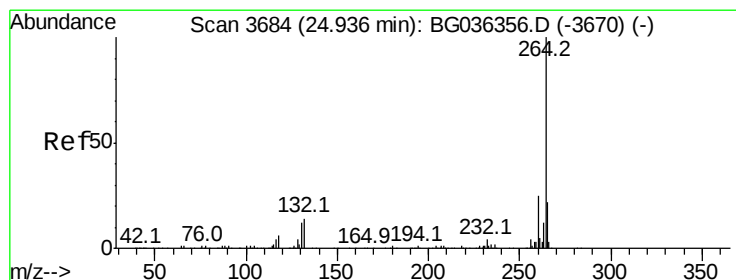
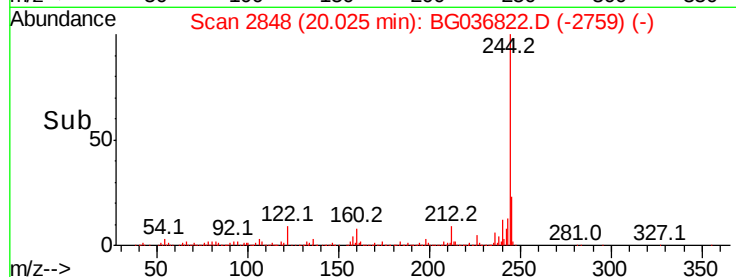
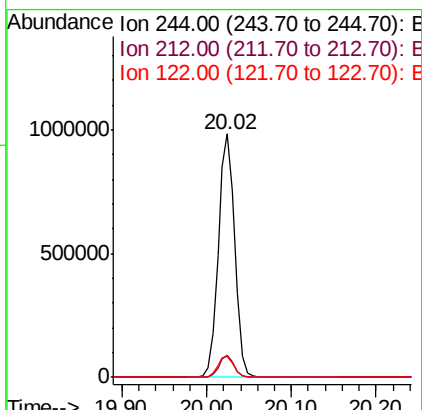
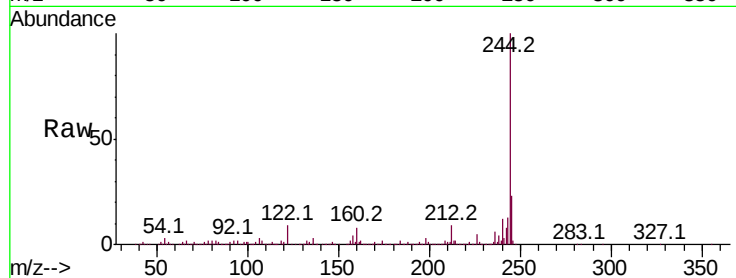


#78
 Terphenyl-d14
 Concen: 86.742 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036822.D
 Acq: 19 Sep 2018 15:16

Instrument :
 BNA_G
 ClientSampleId :
 PB112901TB

Tot Ion:244 Resp: 1328989

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	8.8	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.01 min
 Lab File: BG036822.D
 Acq: 19 Sep 2018 15:16

Tgt Ion:264 Resp: 348762

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.6	29.4
265	21.4	17.4	26.0

