

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
 Data File : BG022350.D
 Acq On : 15 Jun 2016 2:01
 Operator : UM/SJ
 Sample : PB91291TB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91291TB

Quant Time: Jun 15 03:41:45 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	17878	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	90371	20.00	ng	-0.01
38) Acenaphthene-d10	14.71	164	61359	20.00	ng	-0.02
63) Phenanthrene-d10	17.45	188	172139	20.00	ng	-0.02
75) Chrysene-d12	21.72	240	166701	20.00	ng	-0.02
86) Perylene-d12	24.99	264	148927	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	144102	155.84	ng	-0.02
7) Phenol-d6	7.23	99	210525	144.81	ng	-0.02
23) Nitrobenzene-d5	9.24	82	100306	77.38	ng	-0.02
41) 2,4,6-Tribromophenol	16.20	330	88809	128.09	ng	-0.02
44) 2-Fluorobiphenyl	13.33	172	286780	71.23	ng	-0.02
78) Terphenyl-d14	20.05	244	583602	83.11	ng	-0.01

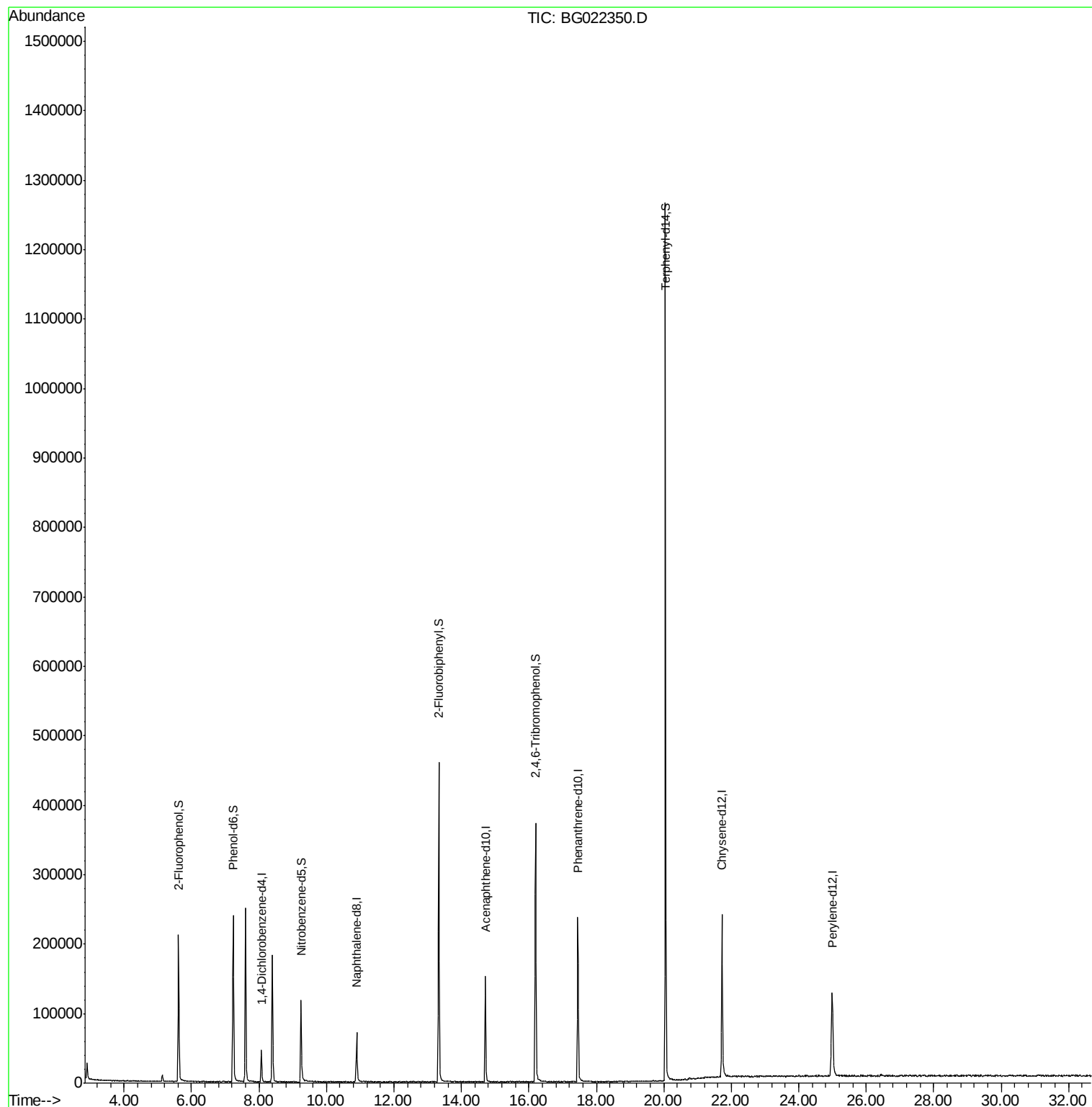
Target Compounds Qvalue

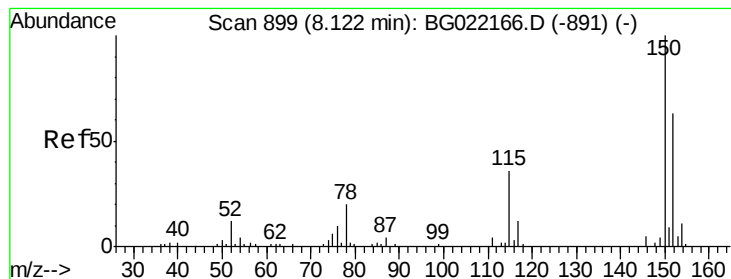
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
Data File : BG022350.D
Acq On : 15 Jun 2016 2:01
Operator : UM/SJ
Sample : PB91291TB
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB91291TB

Quant Time: Jun 15 03:41:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

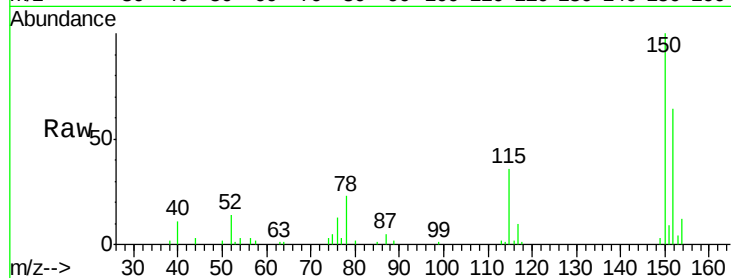




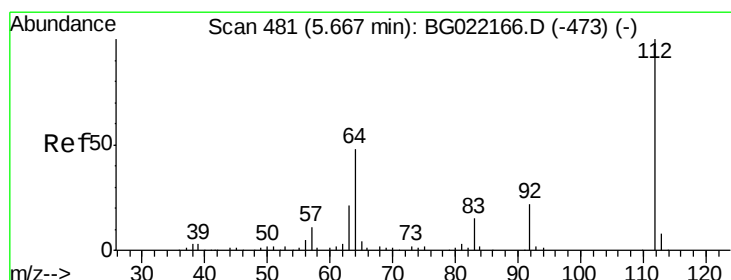
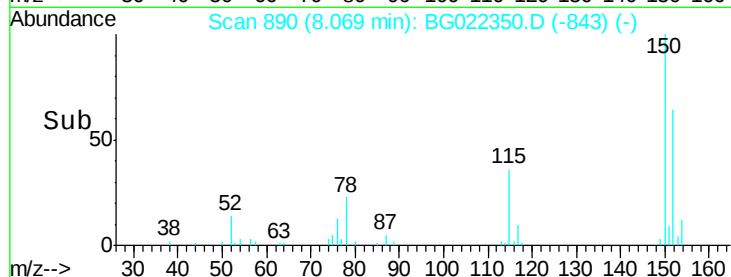
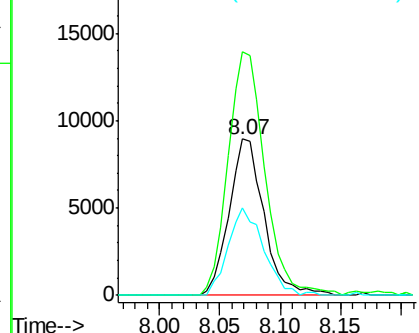
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.07 min Scan# 890
 Delta R.T. -0.02 min
 Lab File: BG022350.D
 Acq: 15 Jun 2016 2:01

Instrument :
 BNA_G
 ClientSampleId :
 PB91291TB

Tot Ion:152 Resp: 17878
 Ion Ratio Lower Upper
 152 100
 150 155.7 130.1 195.1
 115 55.9 62.2 93.2#

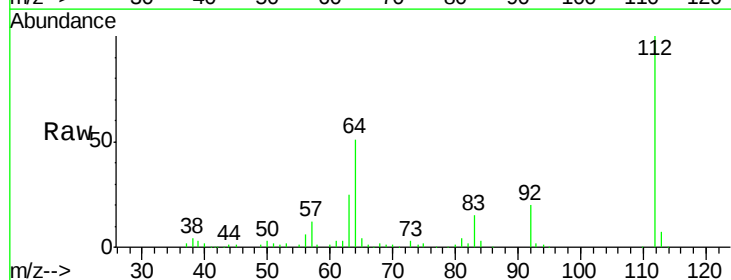


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

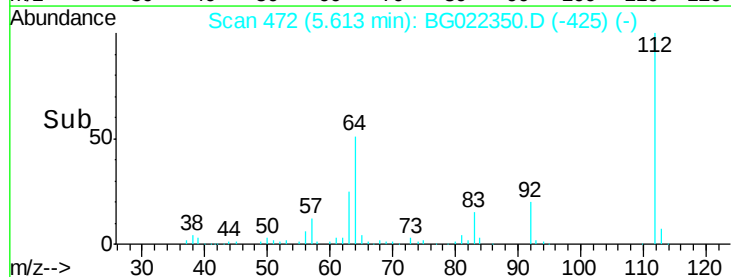
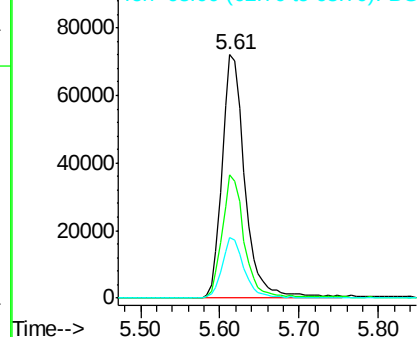


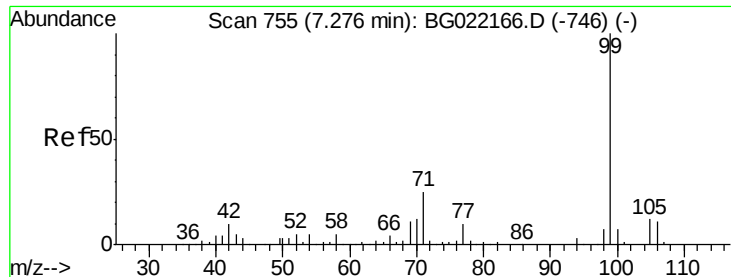
#5
 2-Fluorophenol
 Concen: 155.84 ng
 RT: 5.61 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BG022350.D
 Acq: 15 Jun 2016 2:01

Tgt Ion:112 Resp: 144102
 Ion Ratio Lower Upper
 112 100
 64 50.8 51.1 76.7#
 63 24.6 24.6 37.0#



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: 144.81 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022350.D

Acq: 15 Jun 2016 2:01

Instrument :

BNA_G

ClientSampleId :

PB91291TB

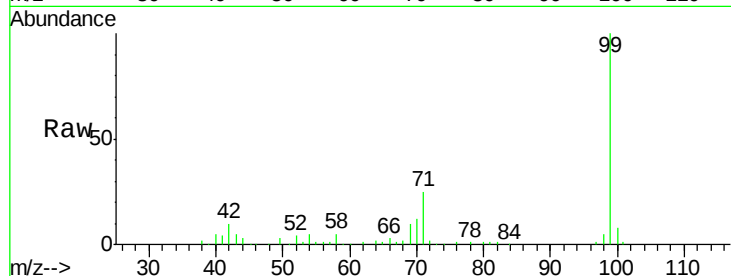
Tot Ion: 99 Resp: 210525

Ion Ratio Lower Upper

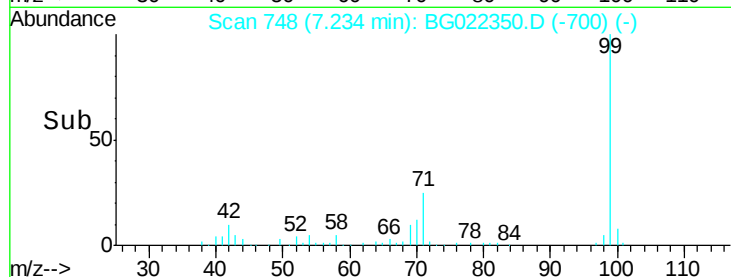
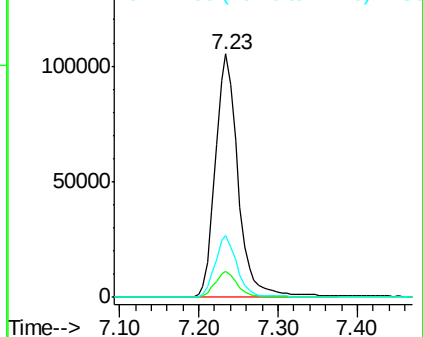
99 100

42 10.4 16.4 24.6#

71 25.4 25.0 37.4



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: 20.00 ng

RT: 10.89 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BG022350.D

Acq: 15 Jun 2016 2:01

Tgt Ion: 136 Resp: 90371

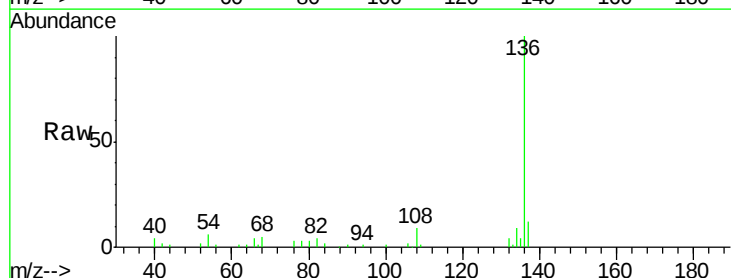
Ion Ratio Lower Upper

136 100

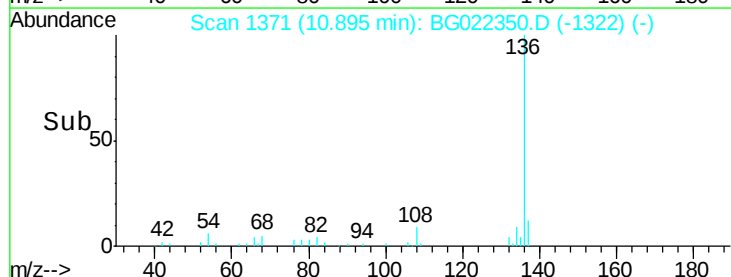
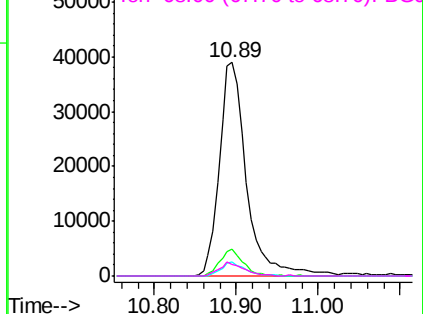
137 12.4 9.0 13.4

54 6.4 9.6 14.4#

68 5.2 6.4 9.6#



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

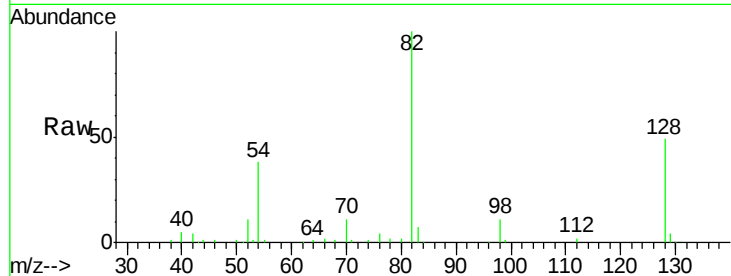




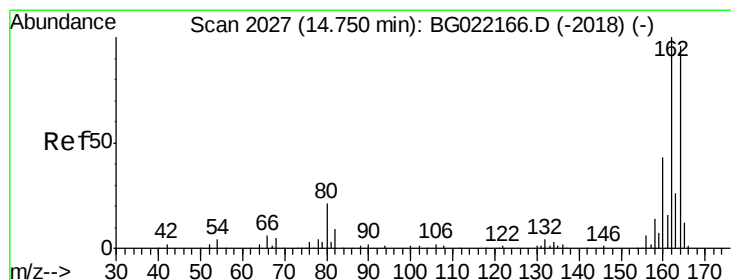
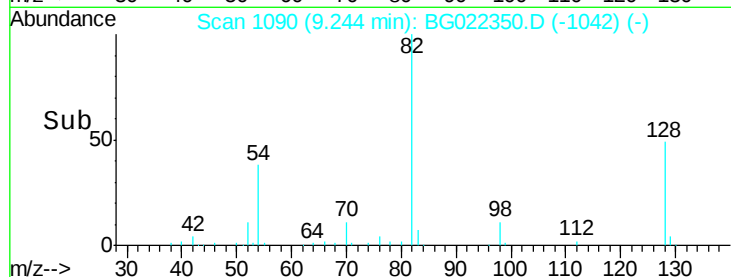
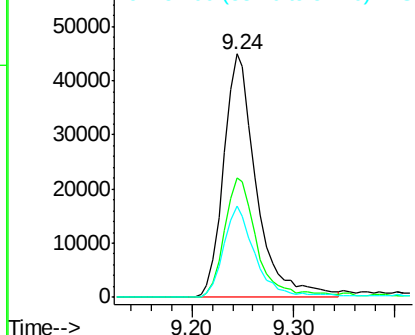
#23
 Nitrobenzene-d5
 Concen: 77.38 ng
 RT: 9.24 min Scan# 1090
 Delta R.T. -0.02 min
 Lab File: BG022350.D
 Acq: 15 Jun 2016 2:01

Instrument :
 BNA_G
 ClientSampleId :
 PB91291TB

Tot Ion	82	Resp	100306
Ion Ratio	Lower	Upper	
82	100		
128	49.3	33.4	50.0
54	37.7	46.1	69.1#

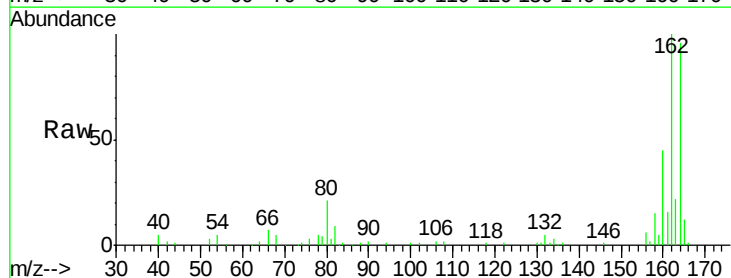


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

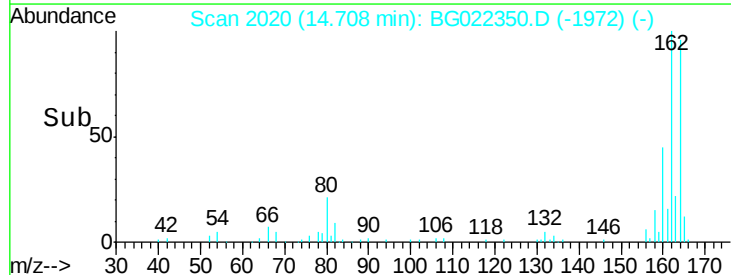
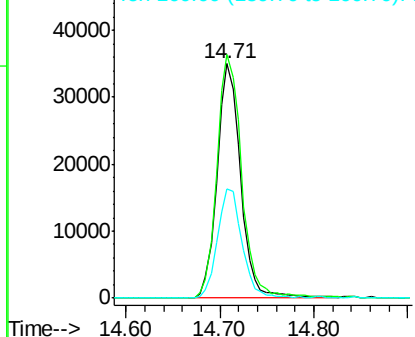


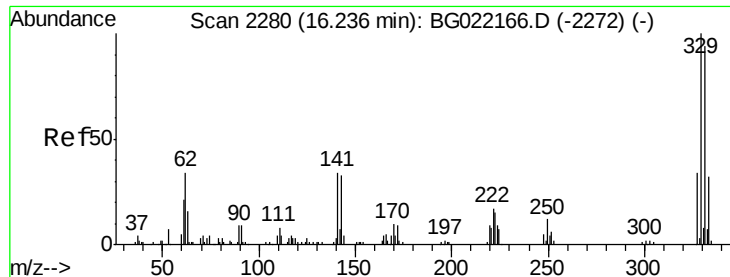
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BG022350.D
 Acq: 15 Jun 2016 2:01

Tgt Ion	164	Resp	61359
Ion Ratio	Lower	Upper	
164	100		
162	103.9	78.0	117.0
160	46.5	32.9	49.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 128.09 ng

RT: 16.20 min Scan# 2274

Delta R.T. -0.02 min

Lab File: BG022350.D

Acq: 15 Jun 2016 2:01

Instrument :

BNA_G

ClientSampleId :

PB91291TB

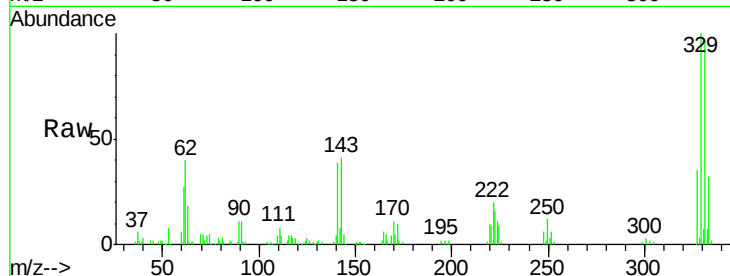
Tot Ion:330 Resp: 88809

Ion Ratio Lower Upper

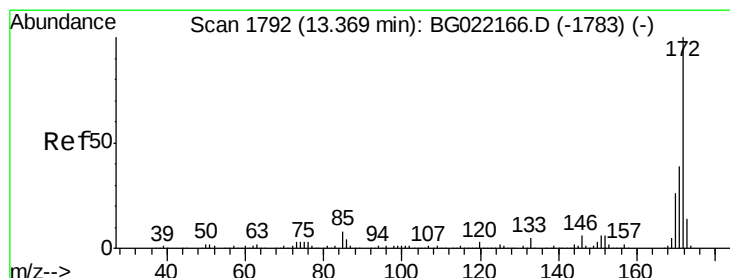
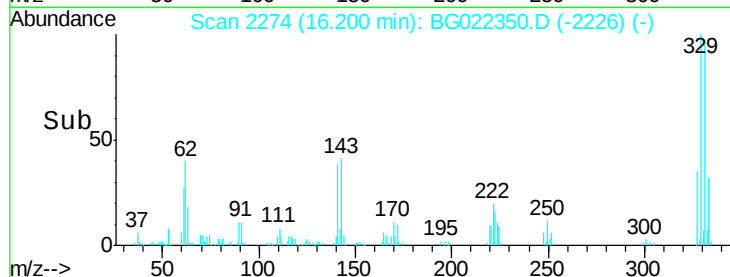
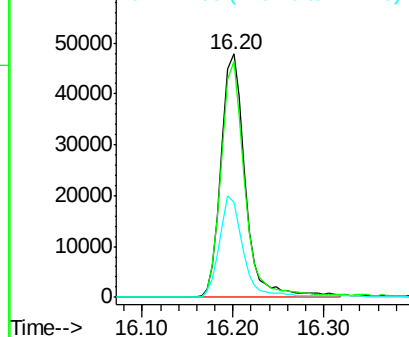
330 100

332 94.4 78.0 117.0

141 40.2 33.8 50.8



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: 71.23 ng

RT: 13.33 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BG022350.D

Acq: 15 Jun 2016 2:01

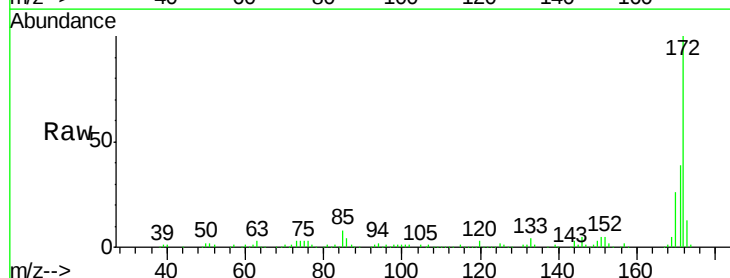
Tgt Ion:172 Resp: 286780

Ion Ratio Lower Upper

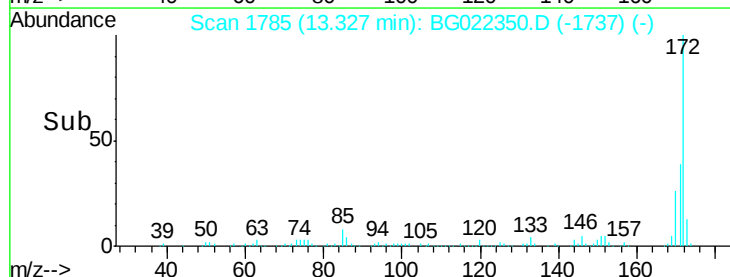
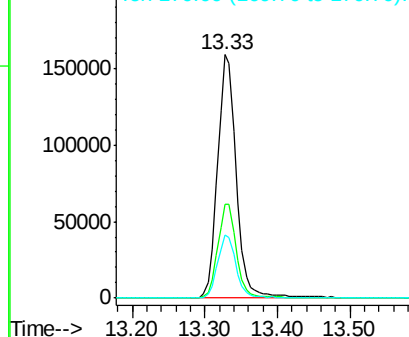
172 100

171 38.7 27.8 41.6

170 25.9 19.6 29.4



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

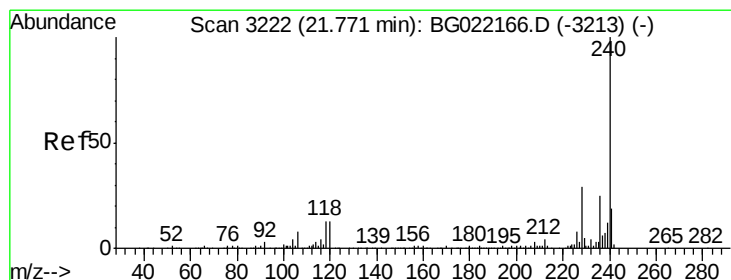
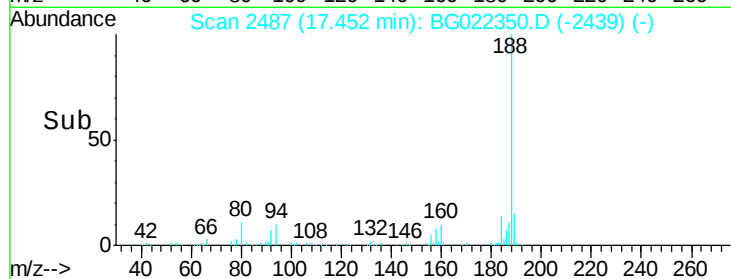
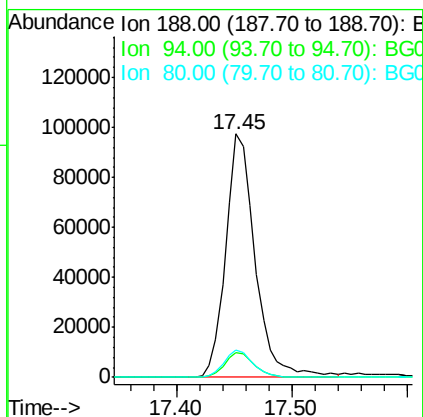
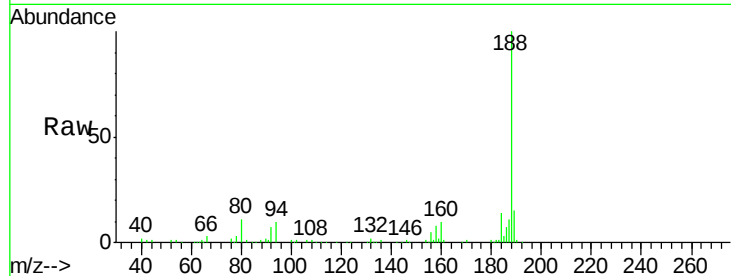




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.45 min Scan# 2487
Delta R.T. -0.02 min
Lab File: BG022350.D
Acq: 15 Jun 2016 2:01

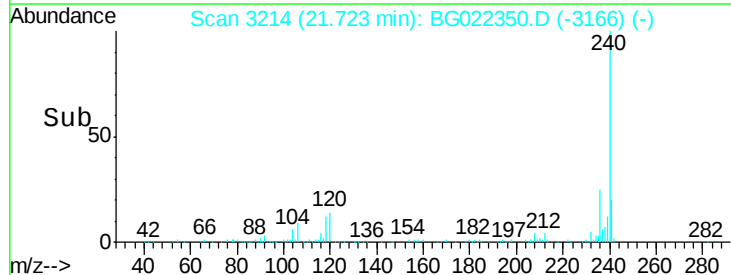
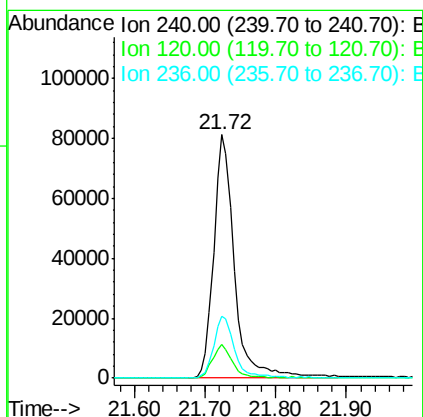
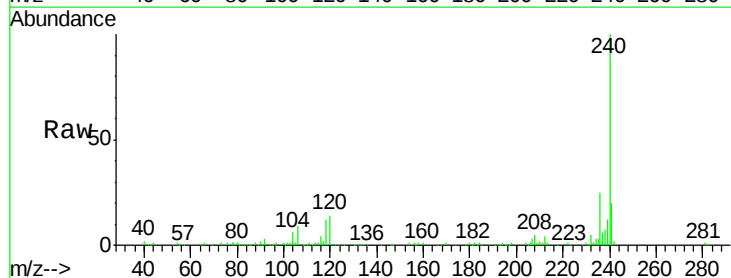
Instrument :
BNA_G
ClientSampleId :
PB91291TB

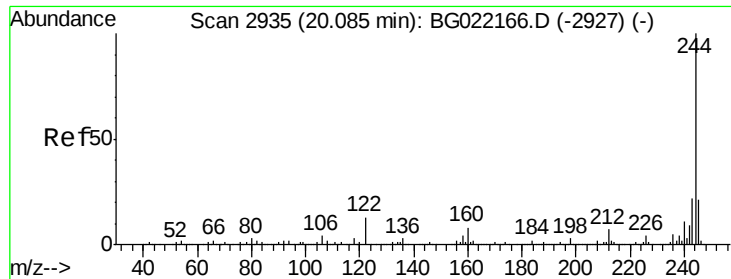
Tot Ion:188 Resp: 172139
Ion Ratio Lower Upper
188 100
94 10.4 7.5 11.3
80 11.4 8.6 13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.72 min Scan# 3214
Delta R.T. -0.02 min
Lab File: BG022350.D
Acq: 15 Jun 2016 2:01

Tgt Ion:240 Resp: 166701
Ion Ratio Lower Upper
240 100
120 13.9 8.4 12.6#
236 25.4 19.6 29.4





#78

Terphenyl-d14

Concen: 83.11 ng

RT: 20.05 min Scan# 2929

Delta R.T. -0.01 min

Lab File: BG022350.D

Acq: 15 Jun 2016 2:01

Instrument :

BNA_G

ClientSampleID :

PB91291TB

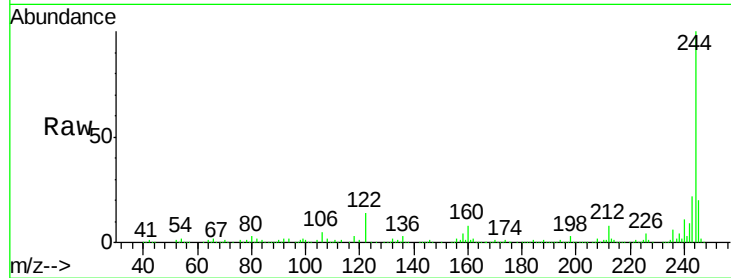
Tot Ion:244 Resp: 583602

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

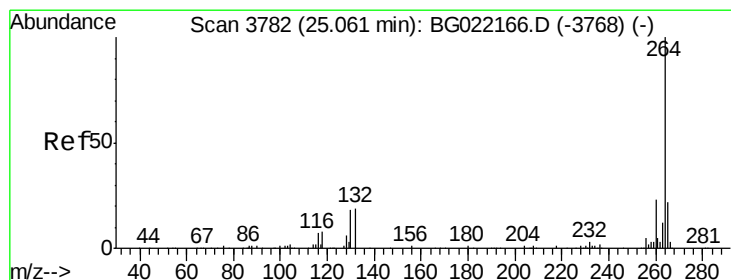
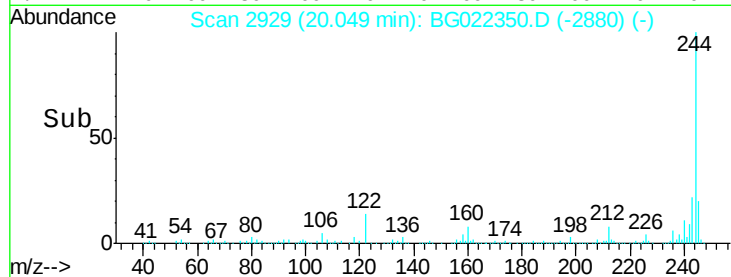
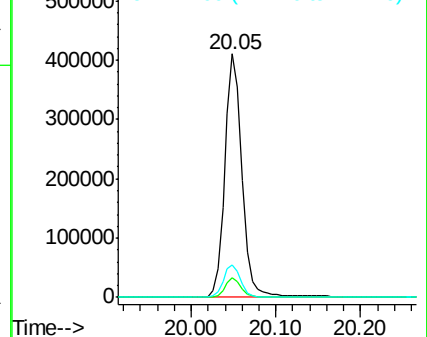
122 13.6 8.6 12.8#



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: 20.00 ng

RT: 24.99 min Scan# 3770

Delta R.T. -0.02 min

Lab File: BG022350.D

Acq: 15 Jun 2016 2:01

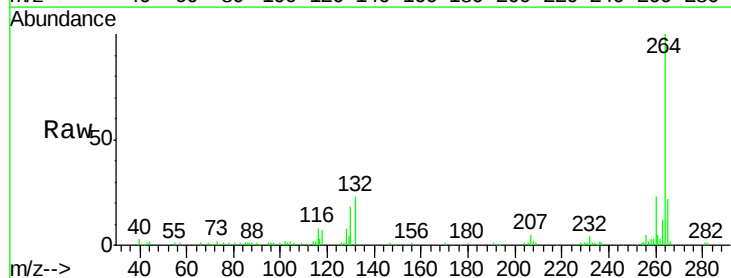
Tgt Ion:264 Resp: 148927

Ion Ratio Lower Upper

264 100

260 23.5 20.2 30.4

265 22.2 17.8 26.8



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

