

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
 Data File : BG036144.D
 Acq On : 7 Aug 2018 1:59
 Operator : JU/SJ
 Sample : PB111775BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111775BL

Quant Time: Aug 07 06:49:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	30910	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	102990	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	74214	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	223875	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	255661	20.00	ng	-0.02
86) Perylene-d12	24.83	264	237279	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	175491	94.26	ng	0.00
7) Phenol-d6	7.18	99	240915	86.73	ng	-0.01
23) Nitrobenzene-d5	9.17	82	240426	97.52	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	116286	118.88	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	565050	102.01	ng	-0.02
78) Terphenyl-d14	19.99	244	1077273	92.88	ng	-0.01

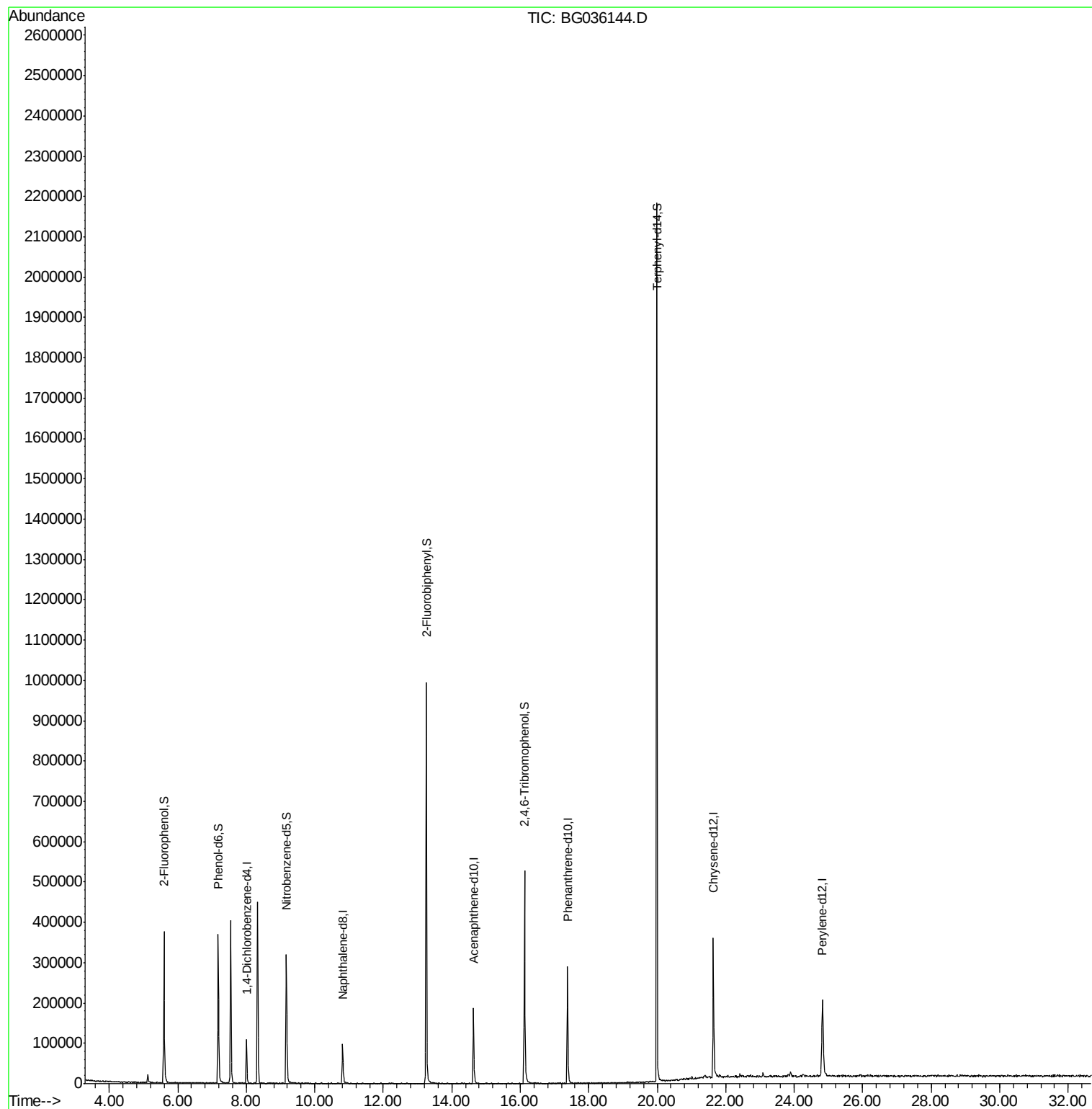
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG036144.D

Acq: 7 Aug 2018 1:59

Instrument :

BNA_G

ClientSampleId :

PB111775BL

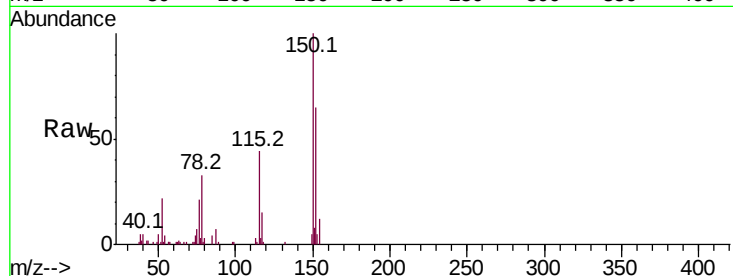
Tot Ion:152 Resp: 30910

Ion Ratio Lower Upper

152 100

150 153.3 126.6 189.8

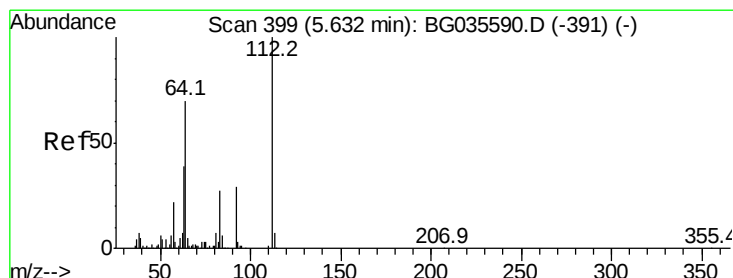
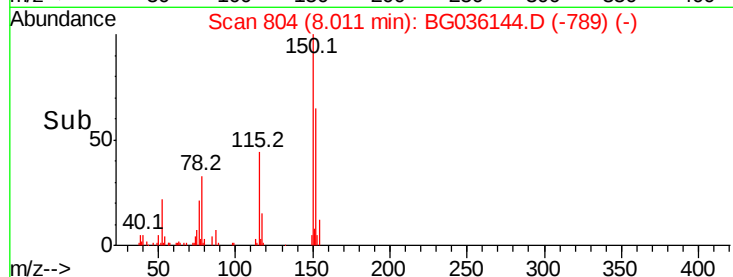
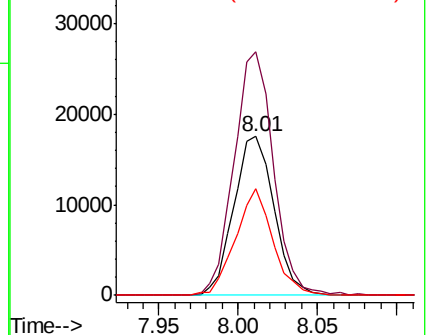
115 66.9 53.0 79.4



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: 94.260 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036144.D

Acq: 7 Aug 2018 1:59

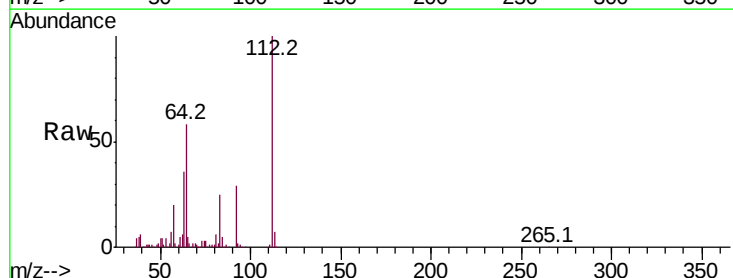
Tgt Ion:112 Resp: 175491

Ion Ratio Lower Upper

112 100

64 58.2 56.3 84.5

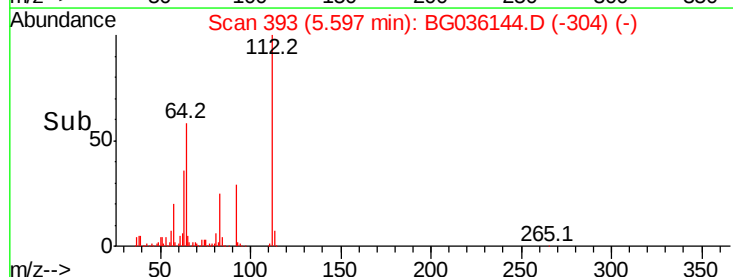
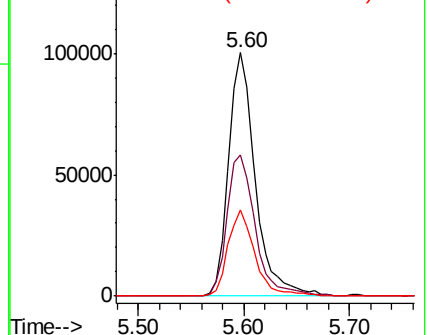
63 35.6 30.1 45.1

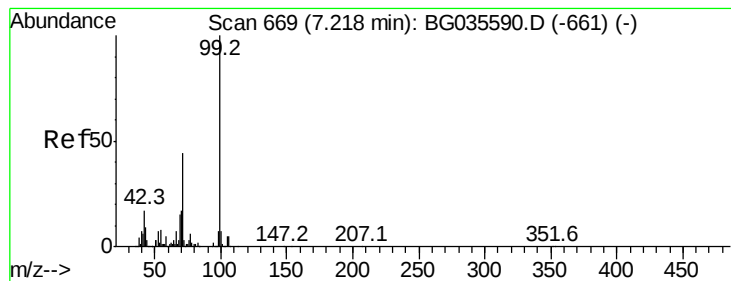


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 86.730 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036144.D

Acq: 7 Aug 2018 1:59

Instrument :

BNA_G

ClientSampleId :

PB111775BL

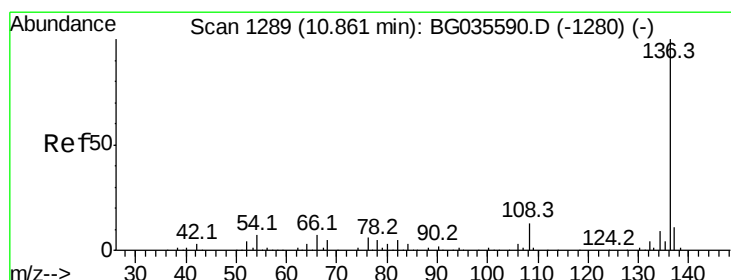
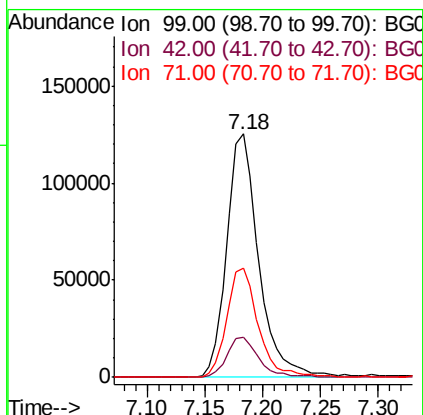
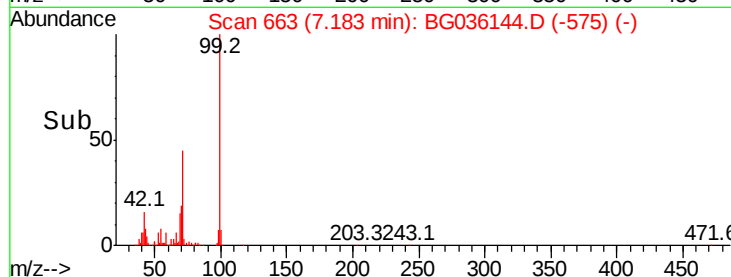
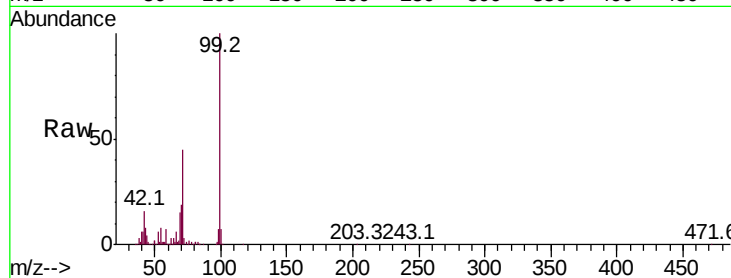
Tot Ion: 99 Resp: 240915

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

71 45.0 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BG036144.D

Acq: 7 Aug 2018 1:59

Tgt Ion:136 Resp: 102990

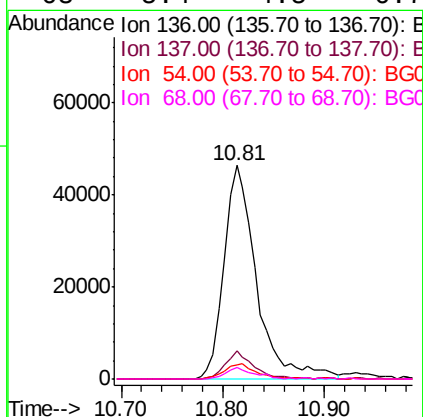
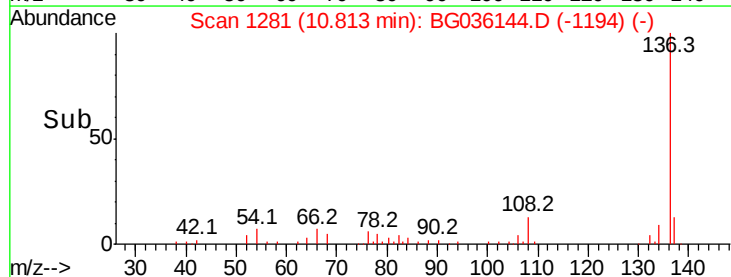
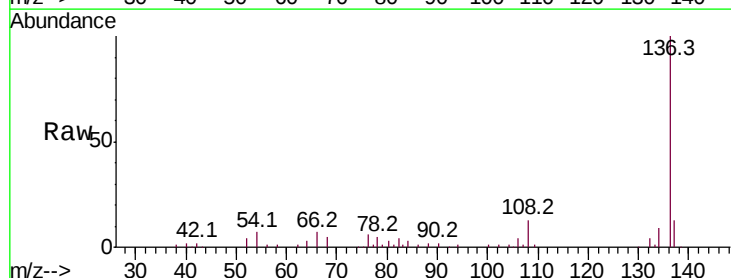
Ion Ratio Lower Upper

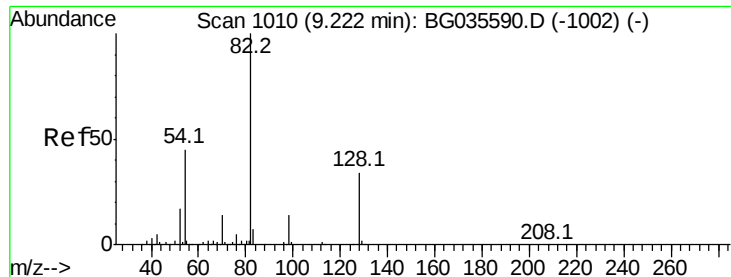
136 100

137 13.2 9.2 13.8

54 6.9 10.3 15.5#

68 5.4 4.5 6.7

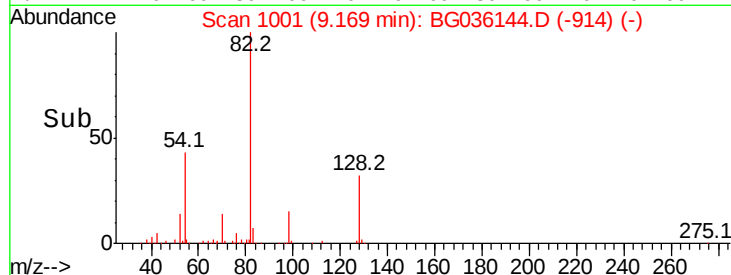
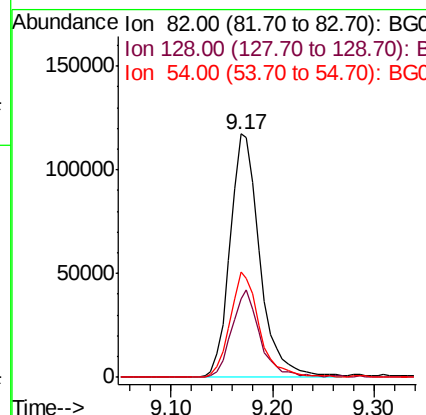
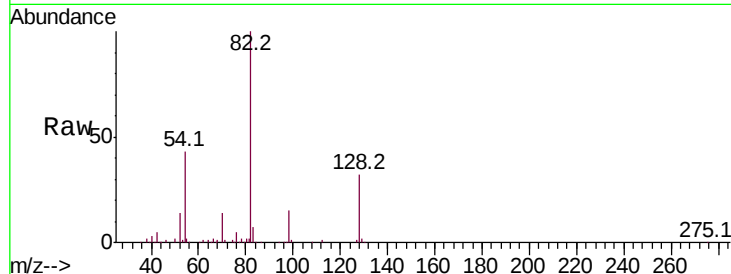




#23
 Nitrobenzene-d5
 Concen: 97.521 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036144.D
 Acq: 7 Aug 2018 1:59

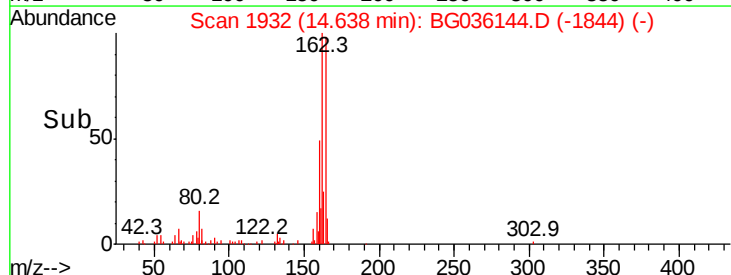
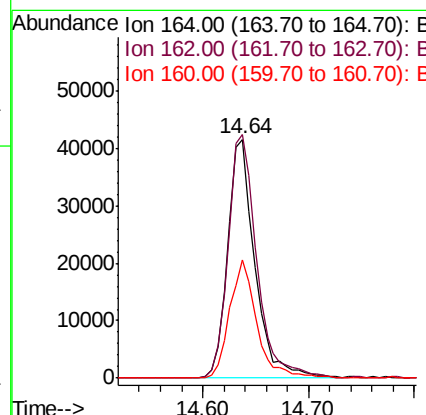
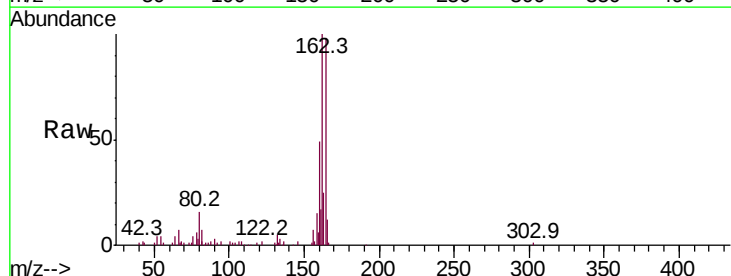
Instrument :
 BNA_G
 ClientSampleId :
 PB111775BL

Tot Ion	82	Resp	240426
Ion	Ratio	Lower	Upper
82	100		
128	32.1	29.7	44.5
54	43.1	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG036144.D
 Acq: 7 Aug 2018 1:59

Tgt Ion	164	Resp	74214
Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.8	118.2
160	49.7	35.4	53.0

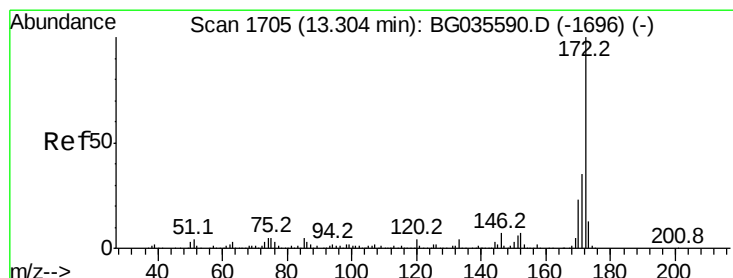
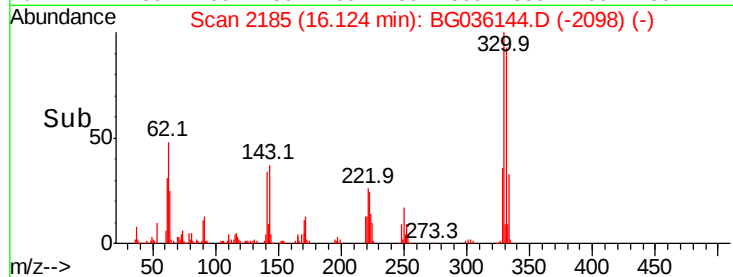
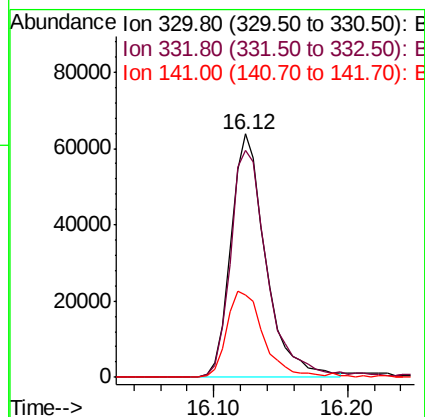
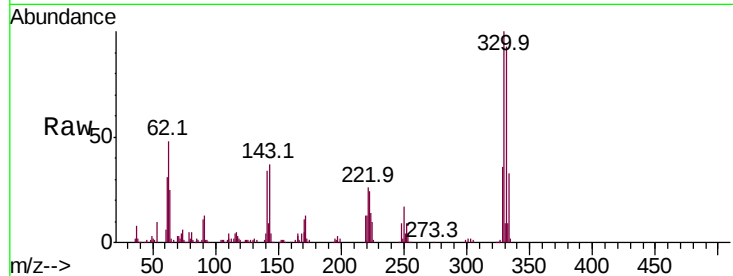




#41
 2,4,6-Tribromophenol
 Concen: 118.879 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036144.D
 Acq: 7 Aug 2018 1:59

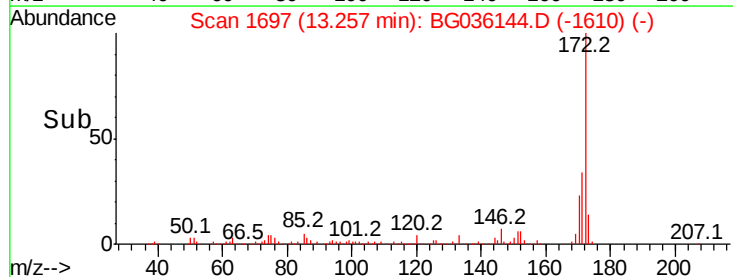
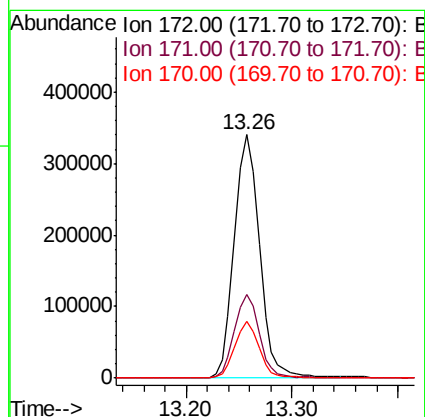
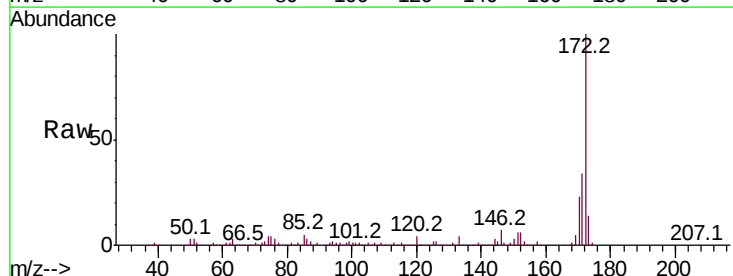
Instrument :
 BNA_G
 ClientSampleId :
 PB111775BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.0	115.6
141	37.0	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 102.005 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036144.D
 Acq: 7 Aug 2018 1:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.0	45.0
170	23.2	19.5	29.3

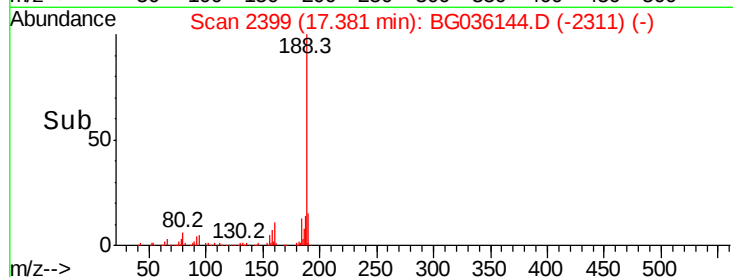
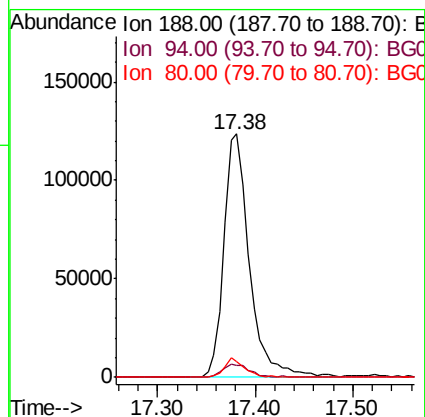
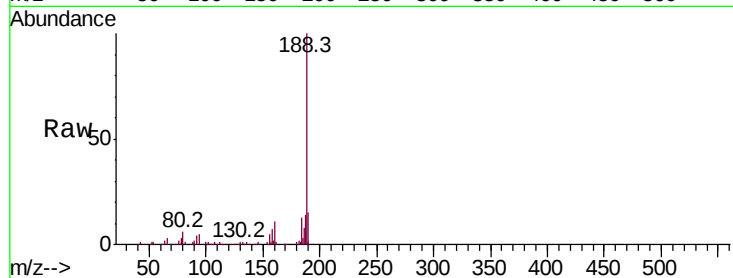




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036144.D
Acq: 7 Aug 2018 1:59

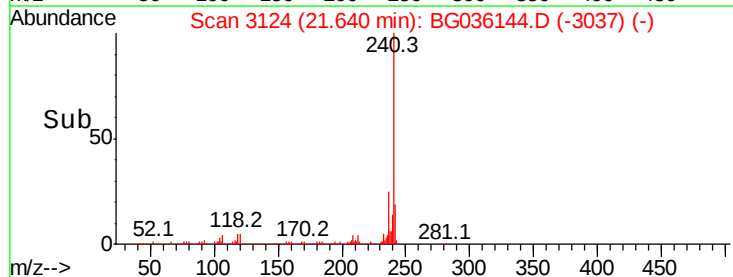
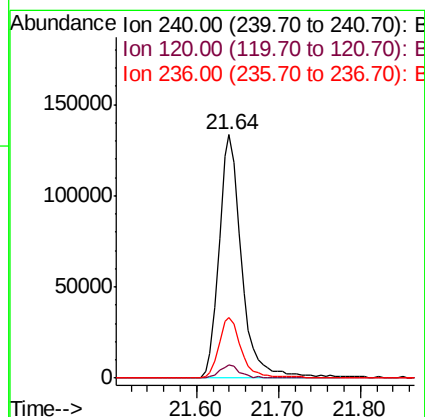
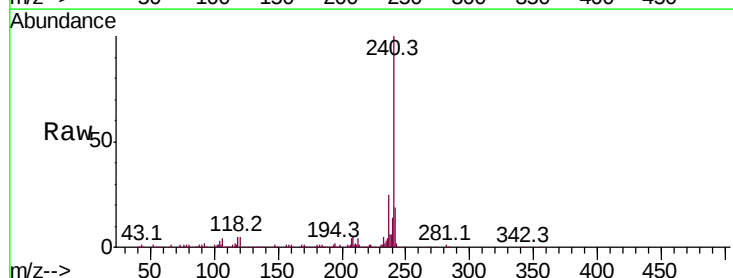
Instrument :
BNA_G
ClientSampleId :
PB111775BL

Tot Ion:188 Resp: 223875
Ion Ratio Lower Upper
188 100
94 5.0 6.9 10.3#
80 6.4 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036144.D
Acq: 7 Aug 2018 1:59

Tgt Ion:240 Resp: 255661
Ion Ratio Lower Upper
240 100
120 5.5 6.8 10.2#
236 24.7 20.9 31.3





#78

Terphenyl-d14

Concen: 92.882 ng

RT: 19.99 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG036144.D

Acq: 7 Aug 2018 1:59

Instrument :

BNA_G

ClientSampleId :

PB111775BL

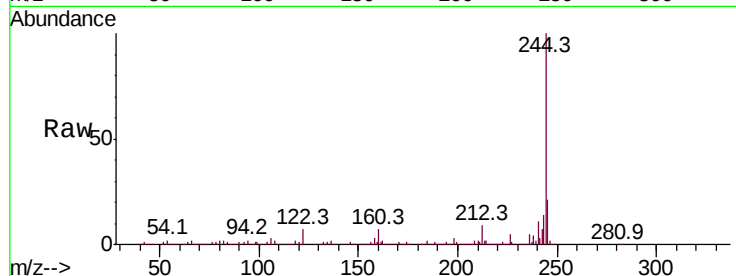
Tot Ion:244 Resp: 1077273

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

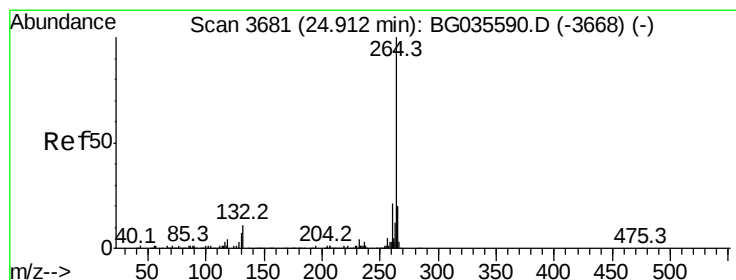
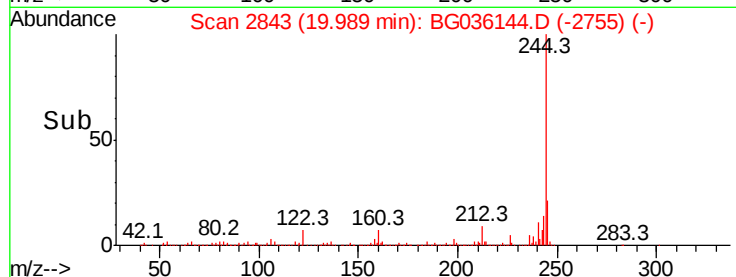
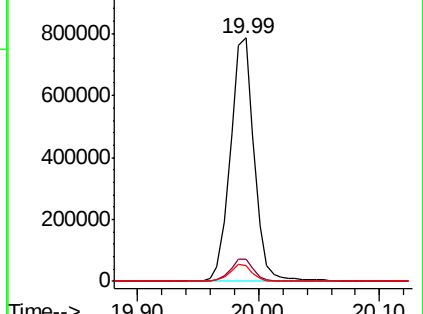
122 6.6 7.0 10.4#



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: 24.83 min Scan# 3667

Delta R.T. -0.03 min

Lab File: BG036144.D

Acq: 7 Aug 2018 1:59

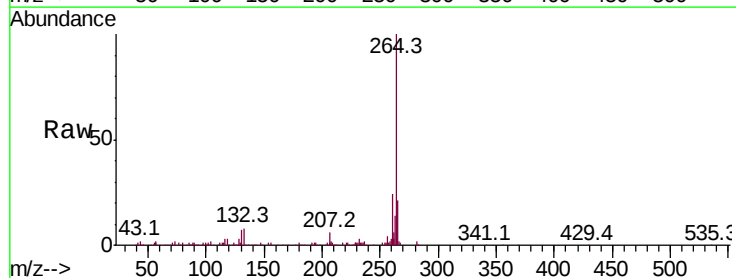
Tgt Ion:264 Resp: 237279

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 21.2 17.7 26.5



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

