

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
 Data File : BG036109.D
 Acq On : 4 Aug 2018 1:28
 Operator : JU/SJ
 Sample : J4310-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-1

Quant Time: Aug 04 04:28:44 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	8.02	152	30612	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	111579	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	82194	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	230932	20.00	ng	0.00
75) Chrysene-d12	21.66	240	236843	20.00	ng	0.00
86) Perylene-d12	24.87	264	213970	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	252581	136.99	ng	0.00
7) Phenol-d6	7.19	99	310669	112.93	ng	0.00
23) Nitrobenzene-d5	9.19	82	268554	100.55	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	164372	151.72	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	622904	101.53	ng	0.00
78) Terphenyl-d14	20.00	244	1173878	109.25	ng	0.00

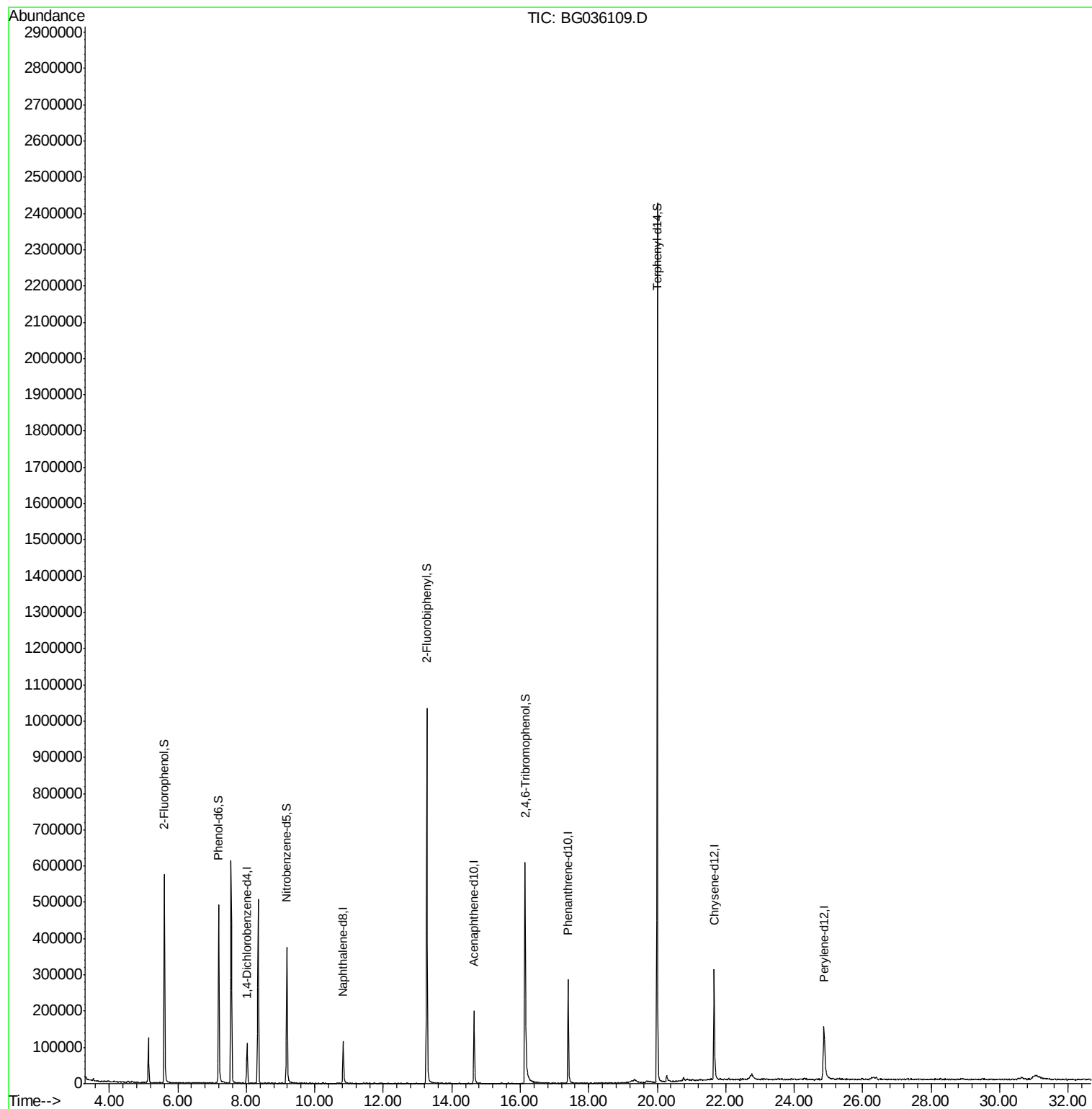
Target Compounds Qvalue

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

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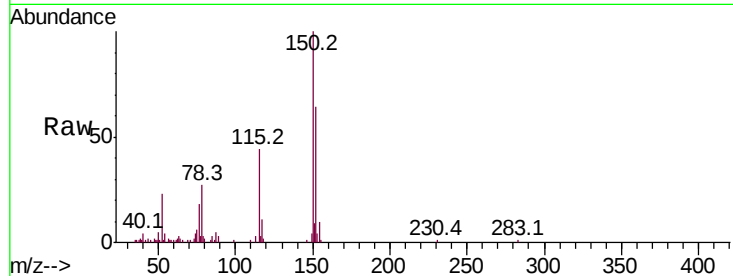


#1

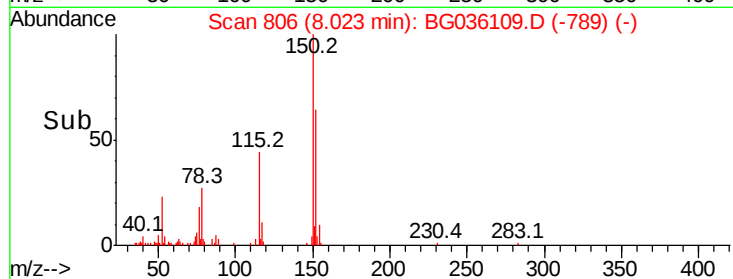
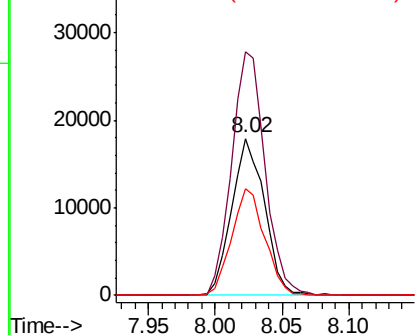
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BG036109.D
 Acq: 4 Aug 2018 1:28

Instrument :
 BNA_G
 ClientSampleId :
 C-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.6	189.8
115	68.5	53.0	79.4



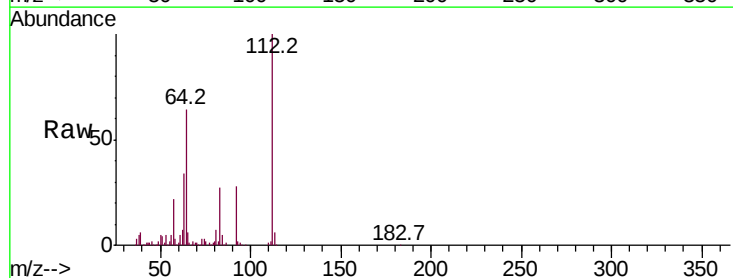
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



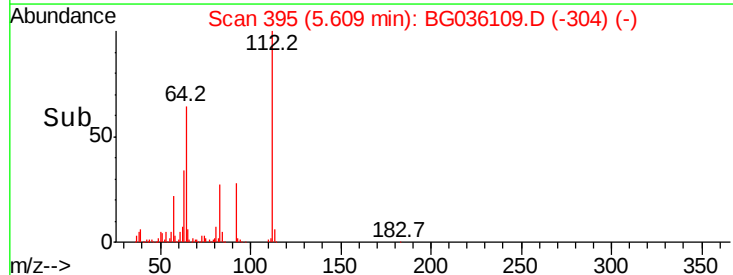
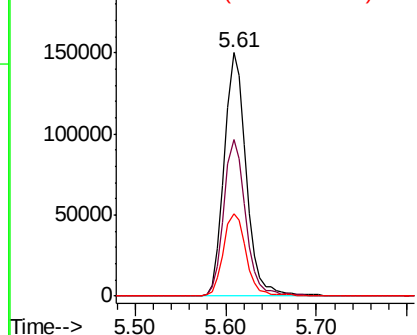
#5

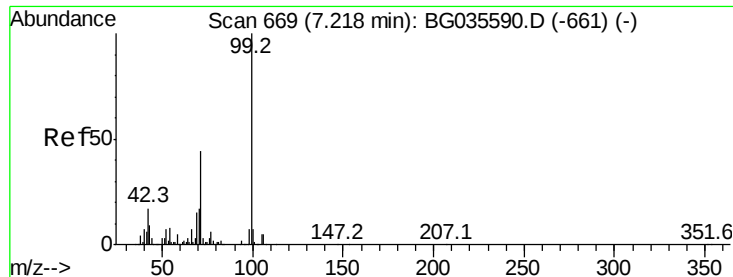
2-Fluorophenol
 Concen: 136.987 ng
 RT: 5.61 min Scan# 395
 Delta R.T. 0.00 min
 Lab File: BG036109.D
 Acq: 4 Aug 2018 1:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	56.3	84.5
63	34.0	30.1	45.1



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: 112.930 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG036109.D

Acq: 4 Aug 2018 1:28

Instrument :

BNA_G

ClientSampleId :

C-1

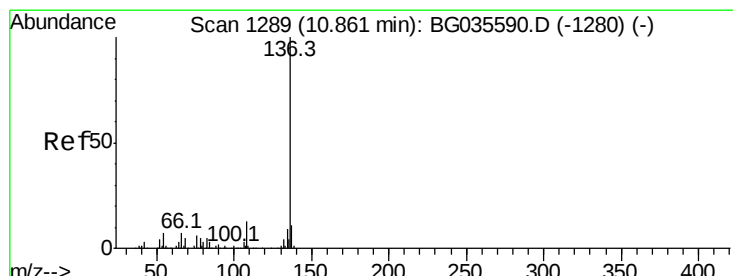
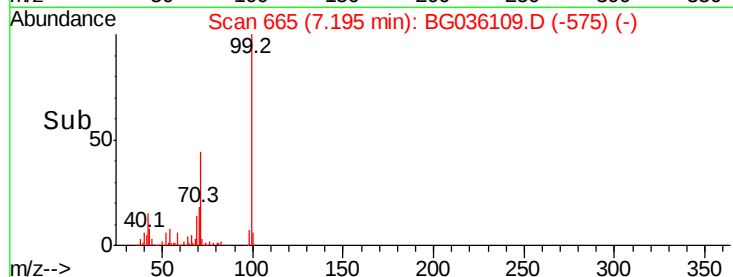
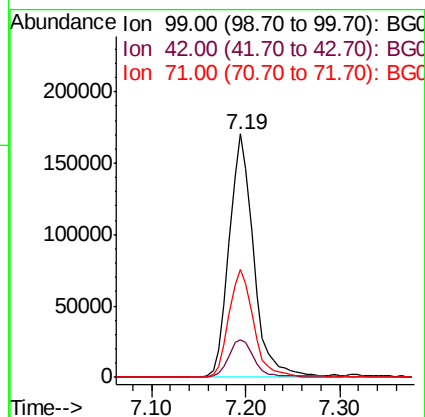
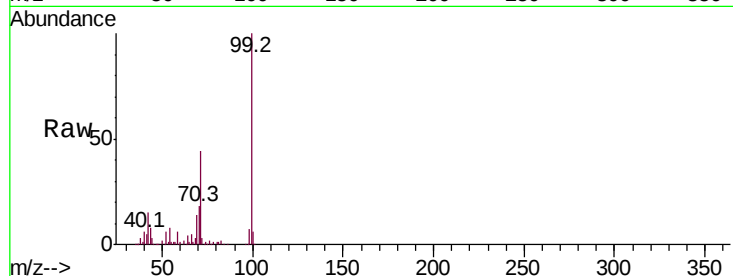
Tot Ion: 99 Resp: 310669

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

71 44.3 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BG036109.D

Acq: 4 Aug 2018 1:28

Tgt Ion: 136 Resp: 111579

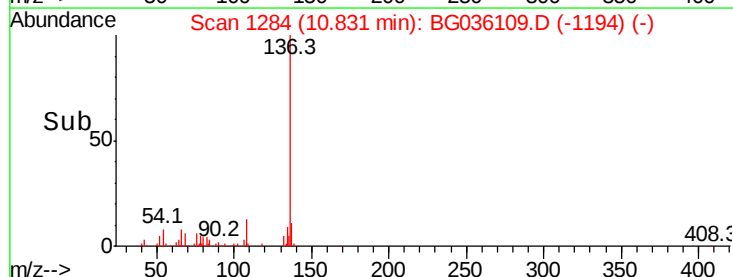
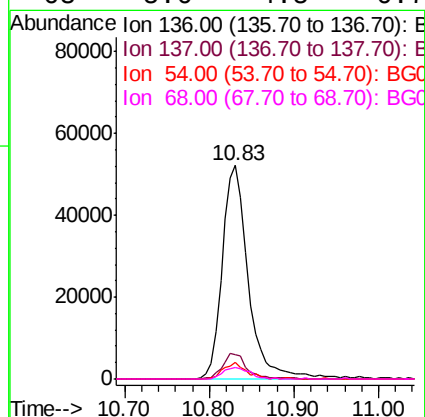
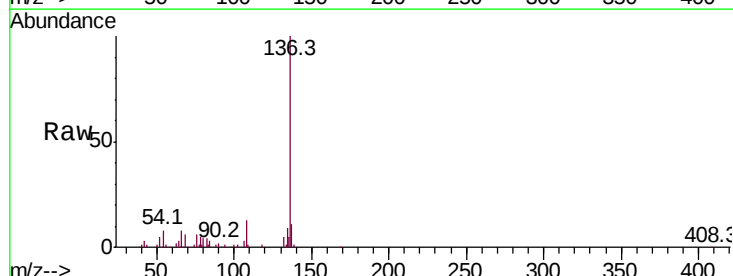
Ion Ratio Lower Upper

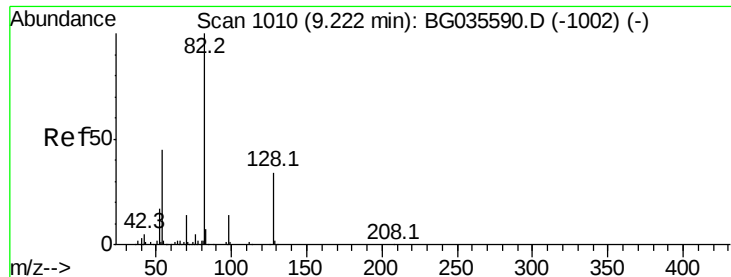
136 100

137 11.2 9.2 13.8

54 8.0 10.3 15.5#

68 5.6 4.5 6.7

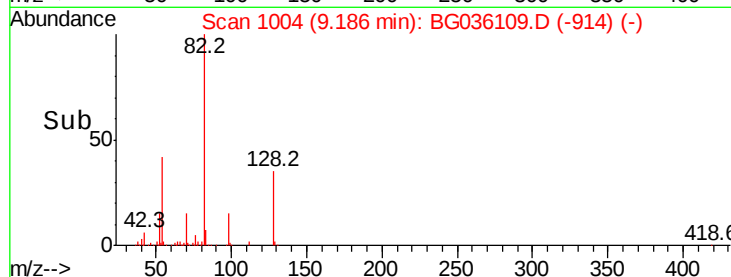
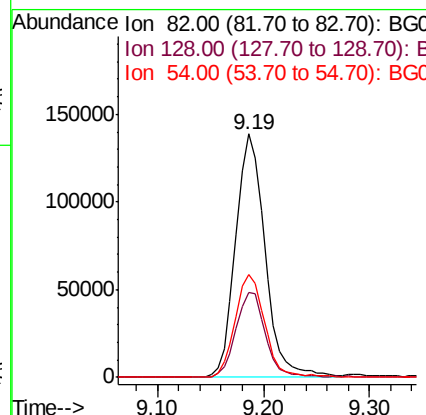
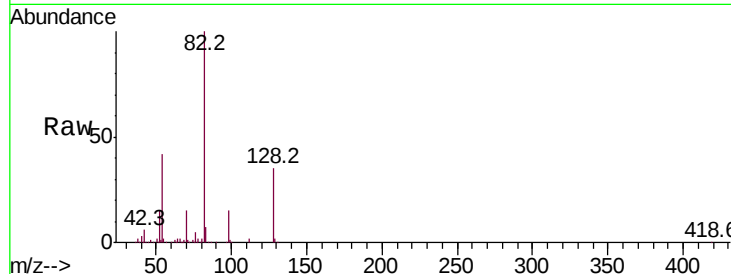




#23
Nitrobenzene-d5
Concen: 100.546 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG036109.D
Acq: 4 Aug 2018 1:28

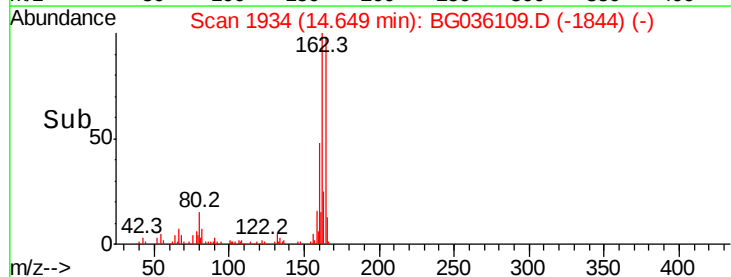
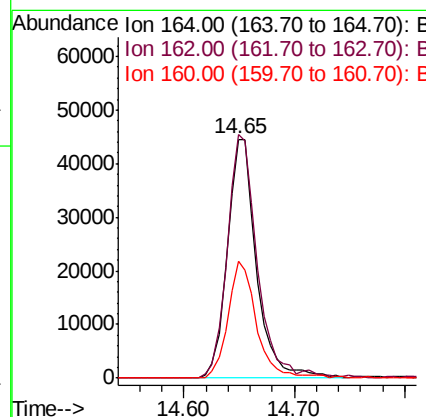
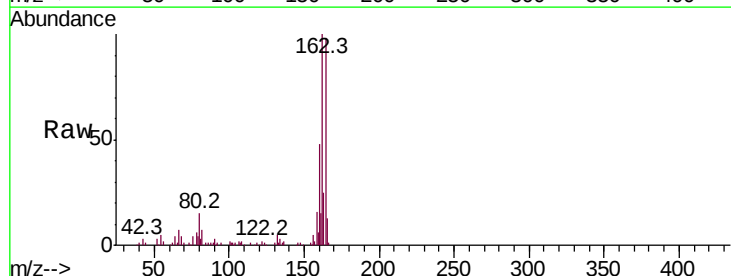
Instrument :
BNA_G
ClientSampled :
C-1

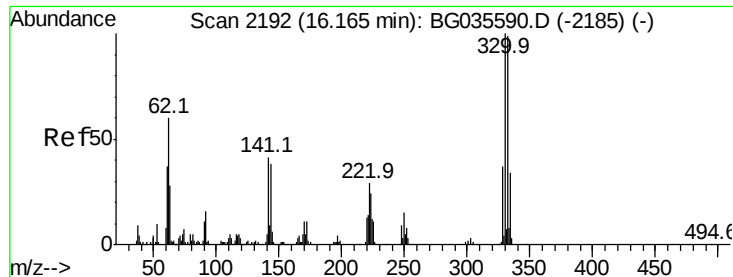
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.7	44.5
54	42.0	43.1	64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG036109.D
Acq: 4 Aug 2018 1:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	78.8	118.2
160	48.8	35.4	53.0

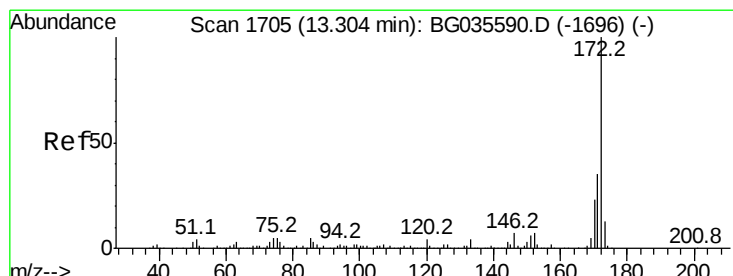
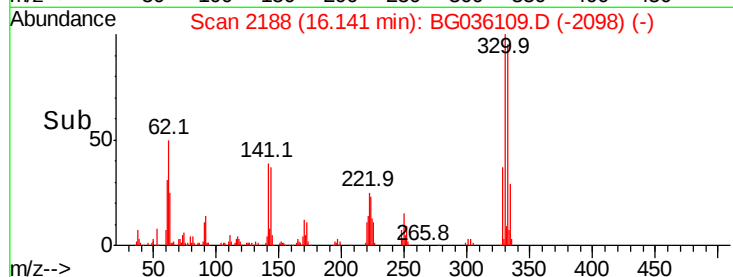
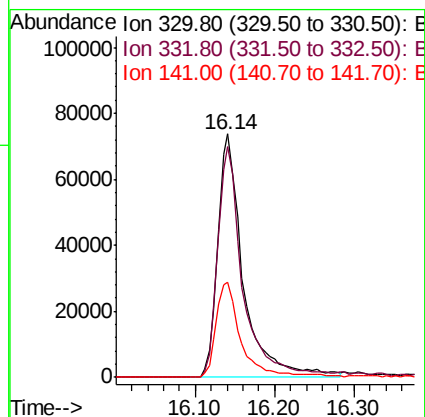
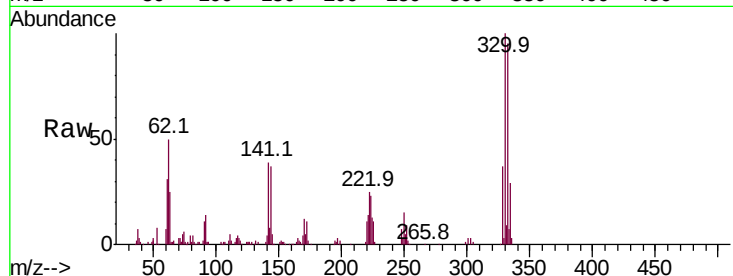




#41
 2,4,6-Tribromophenol
 Concen: 151.723 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG036109.D
 Acq: 4 Aug 2018 1:28

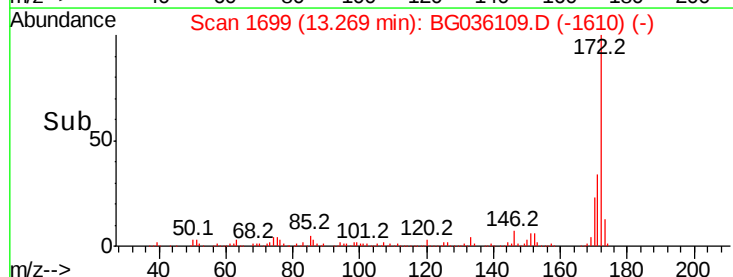
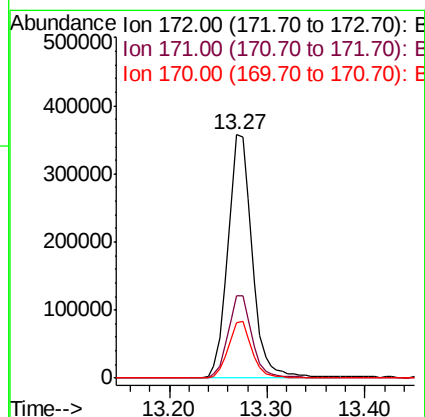
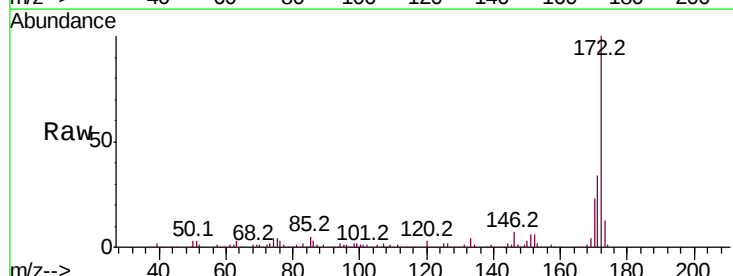
Instrument :
 BNA_G
 ClientSampled :
 C-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	36.8	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 101.532 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036109.D
 Acq: 4 Aug 2018 1:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.0	45.0
170	22.6	19.5	29.3

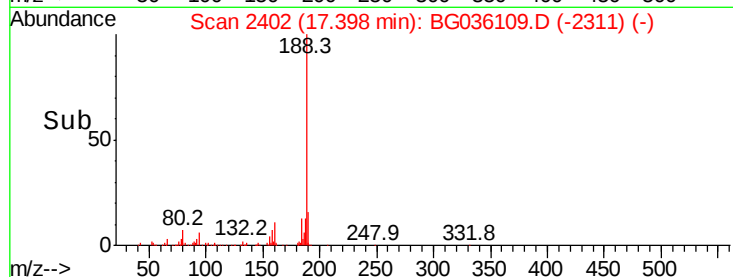
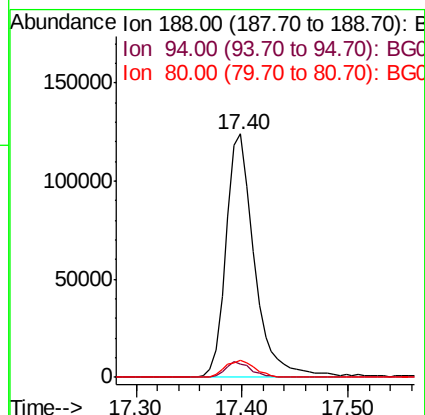
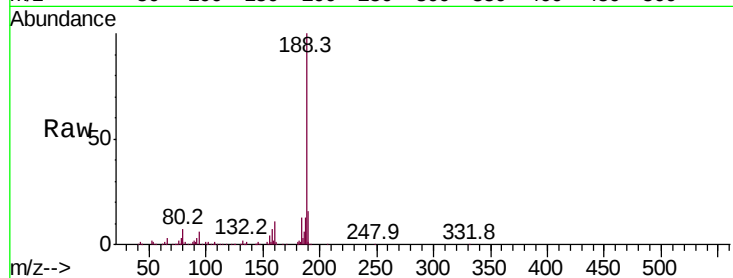




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BG036109.D
Acq: 4 Aug 2018 1:28

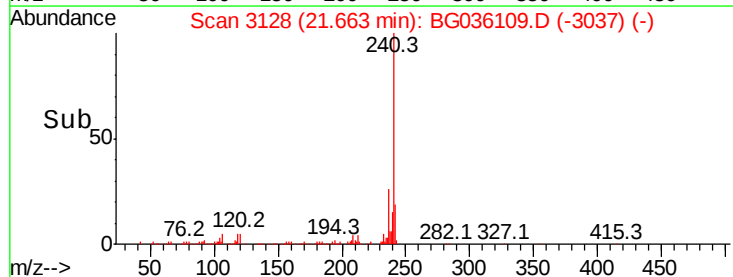
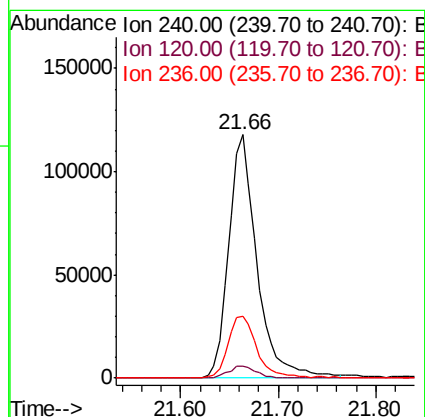
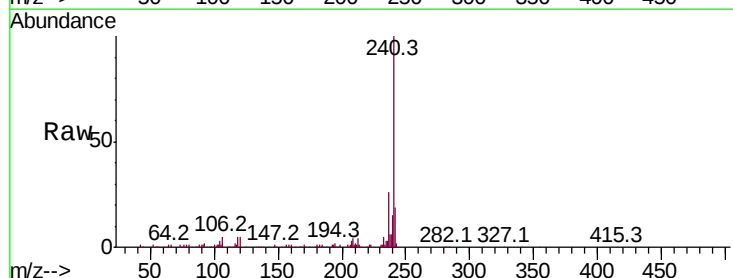
Instrument :
BNA_G
ClientSampleId :
C-1

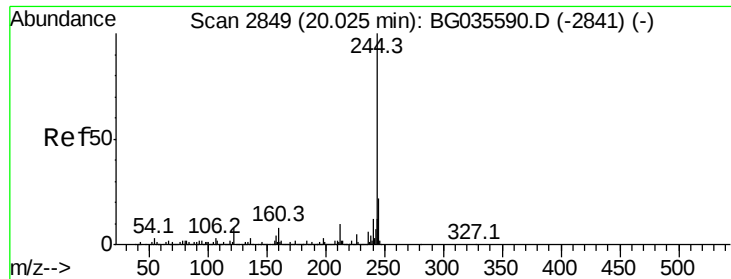
Tot Ion:188 Resp: 230932
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 7.2 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BG036109.D
Acq: 4 Aug 2018 1:28

Tgt Ion:240 Resp: 236843
Ion Ratio Lower Upper
240 100
120 4.9 6.8 10.2#
236 25.7 20.9 31.3

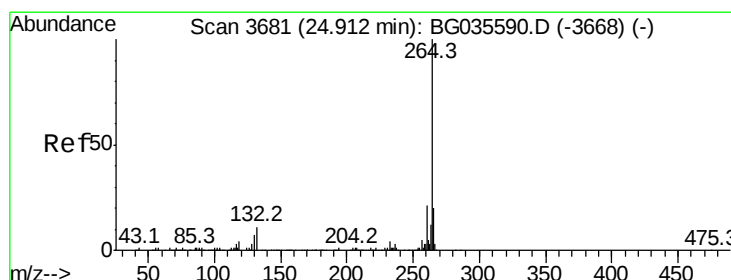
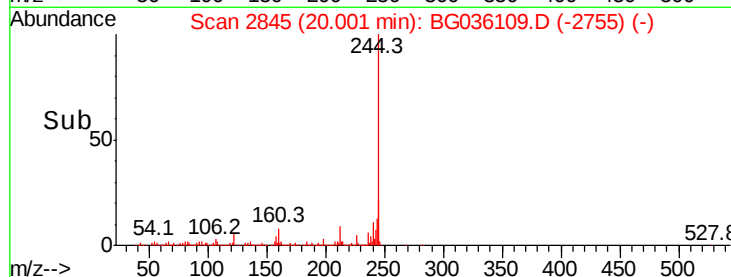
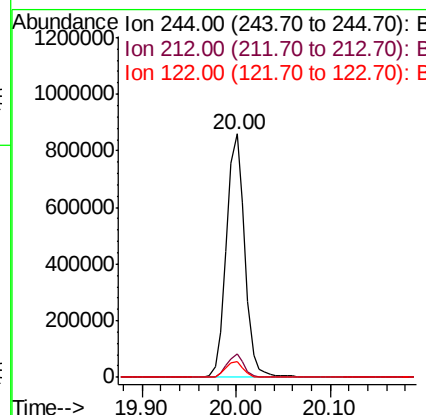
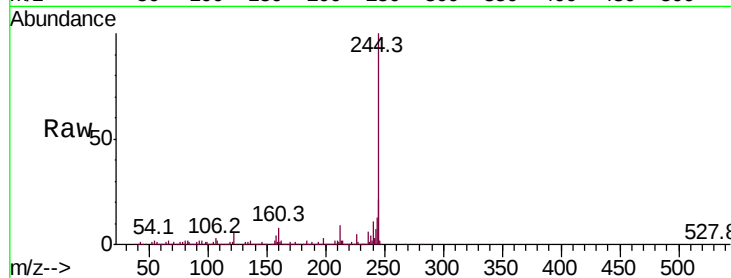




#78
 Terphenyl-d14
 Concen: 109.253 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BG036109.D
 Acq: 4 Aug 2018 1:28

Instrument :
 BNA_G
 ClientSampled :
 C-1

Tot Ion:244 Resp: 1173878
 Ion Ratio Lower Upper
 244 100
 212 9.4 5.8 8.8#
 122 6.5 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.87 min Scan# 3674
 Delta R.T. 0.01 min
 Lab File: BG036109.D
 Acq: 4 Aug 2018 1:28

Tgt Ion:264 Resp: 213970
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.4 26.0
 265 21.2 17.7 26.5

