

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
 Data File : BG036120.D
 Acq On : 4 Aug 2018 8:38
 Operator : JU/SJ
 Sample : J4313-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-10

Quant Time: Aug 06 01:33:36 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

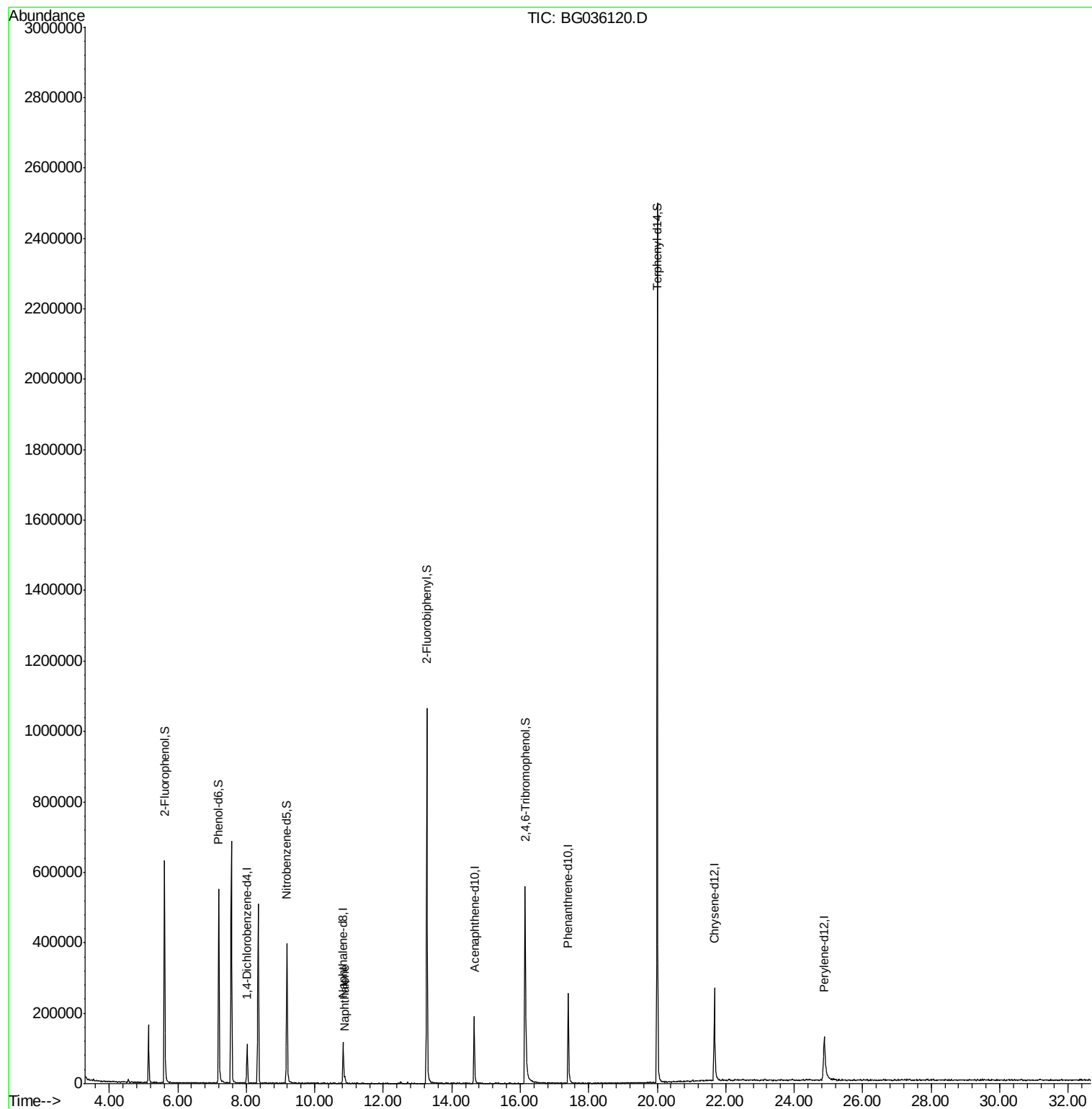
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	30167	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	105588	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	77135	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	211443	20.00	ng	0.00
75) Chrysene-d12	21.67	240	230764	20.00	ng	0.00
86) Perylene-d12	24.88	264	199066	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	276136	151.97	ng	0.00
7) Phenol-d6	7.19	99	352681	130.09	ng	0.00
23) Nitrobenzene-d5	9.19	82	287376	113.70	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	148633	146.19	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	630570	109.52	ng	0.00
78) Terphenyl-d14	20.00	244	1248976	119.30	ng	0.00
Target Compounds						
31) Naphthalene	10.88	128	14787	2.688	ng	Qvalue # 93

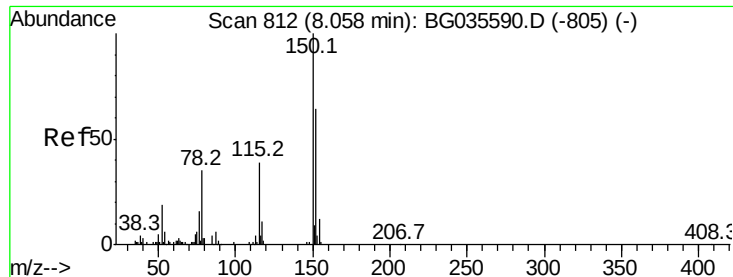
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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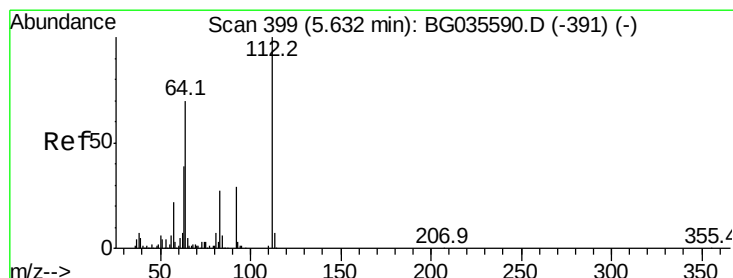
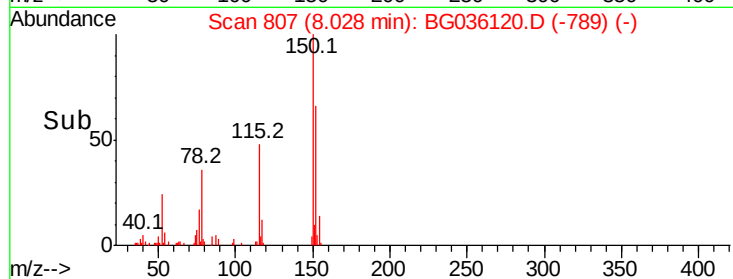
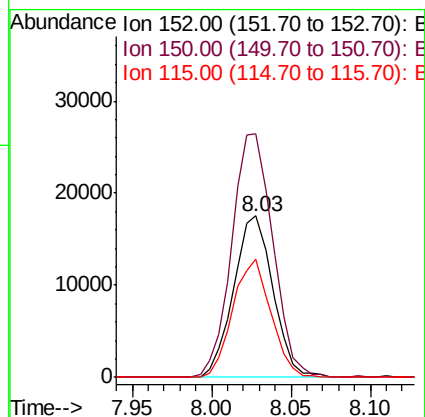
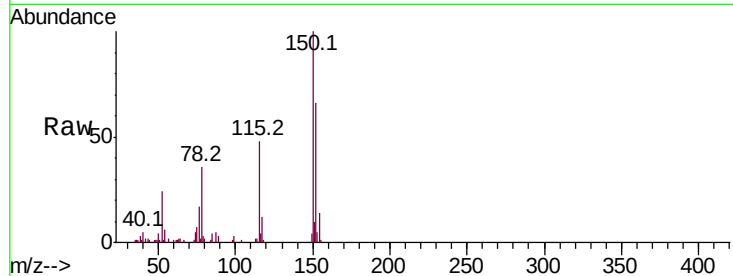


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG036120.D
Acq: 4 Aug 2018 8:38

Instrument :
BNA_G
ClientSampleId :
C-10

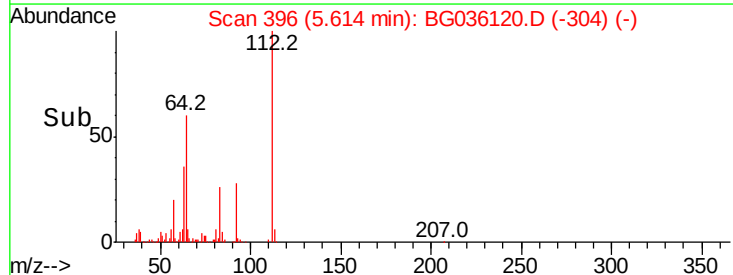
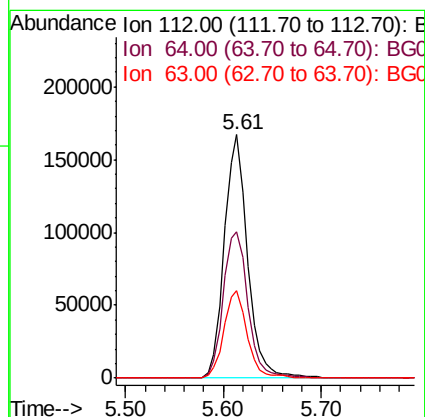
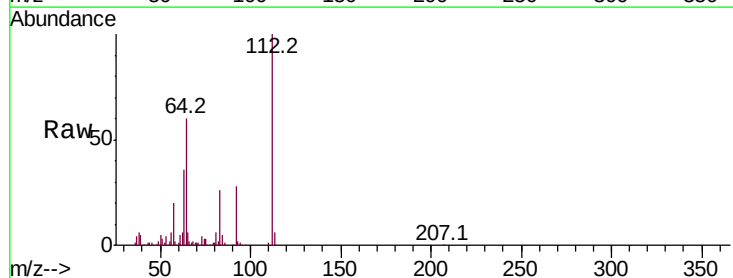
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	126.6	189.8
115	73.0	53.0	79.4

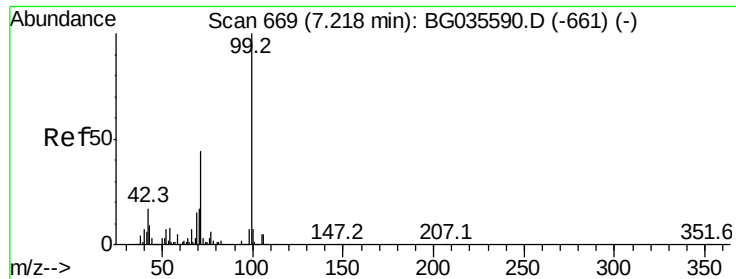


#5

2-Fluorophenol
Concen: 151.971 ng
RT: 5.61 min Scan# 396
Delta R.T. 0.01 min
Lab File: BG036120.D
Acq: 4 Aug 2018 8:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	56.3	84.5
63	36.0	30.1	45.1





#7

Phenol-d6

Concen: 130.093 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG036120.D

Acq: 4 Aug 2018 8:38

Instrument :

BNA_G

ClientSampled :

C-10

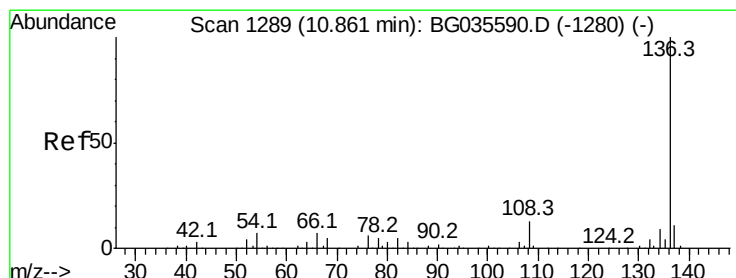
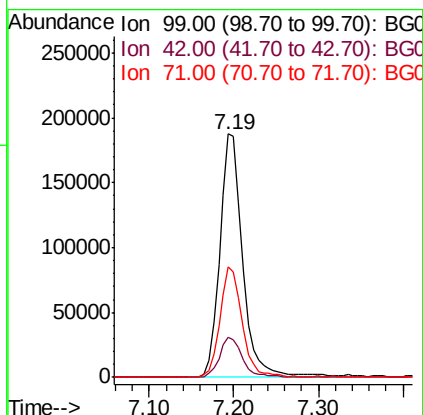
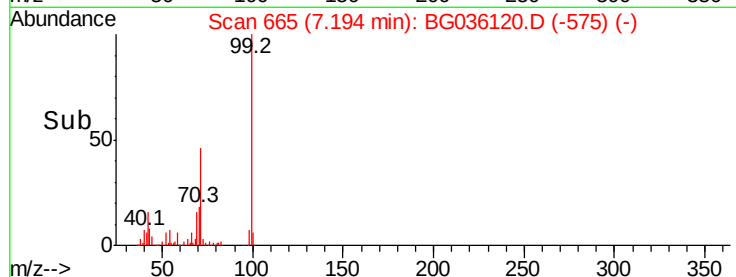
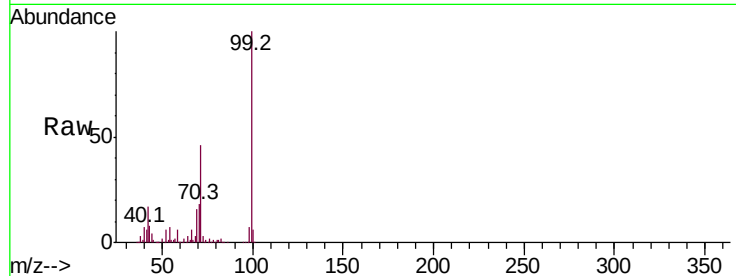
Tot Ion: 99 Resp: 352681

Ion Ratio Lower Upper

99 100

42 16.6 14.1 21.1

71 45.5 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: BG036120.D

Acq: 4 Aug 2018 8:38

Tgt Ion: 136 Resp: 105588

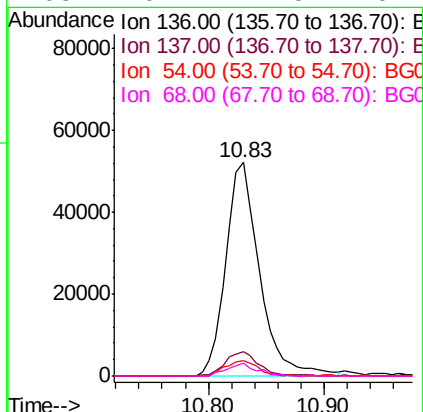
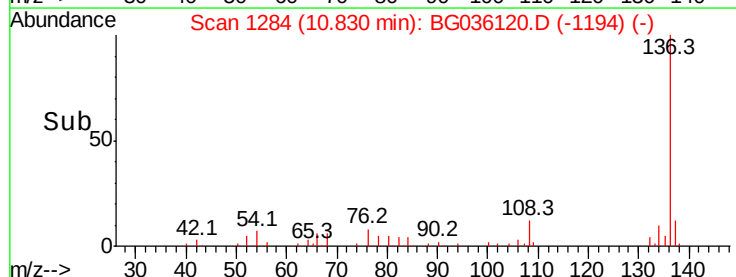
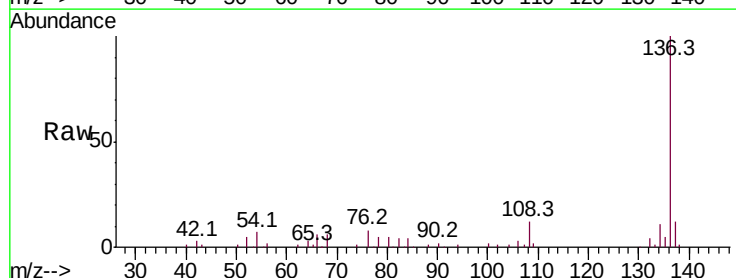
Ion Ratio Lower Upper

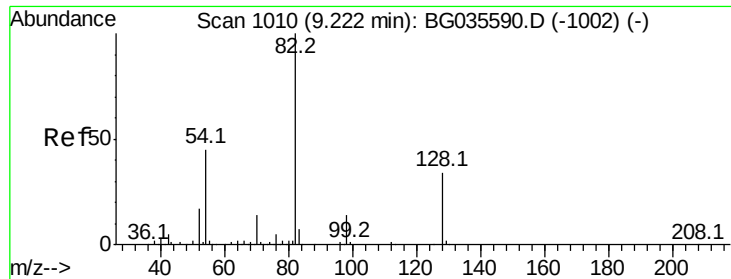
136 100

137 11.5 9.2 13.8

54 7.2 10.3 15.5#

68 6.2 4.5 6.7

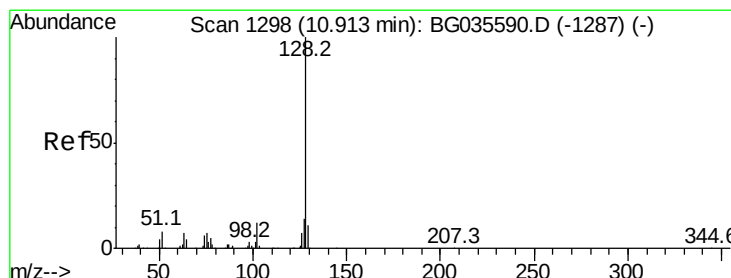
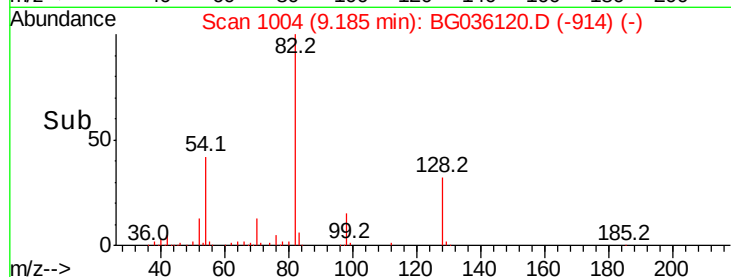
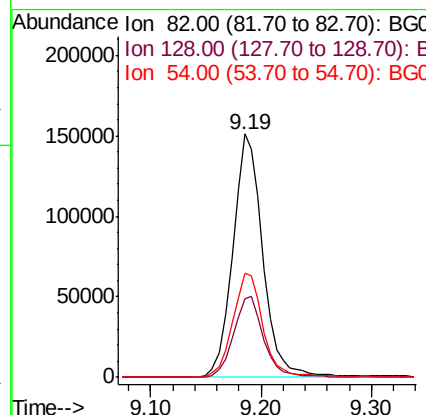
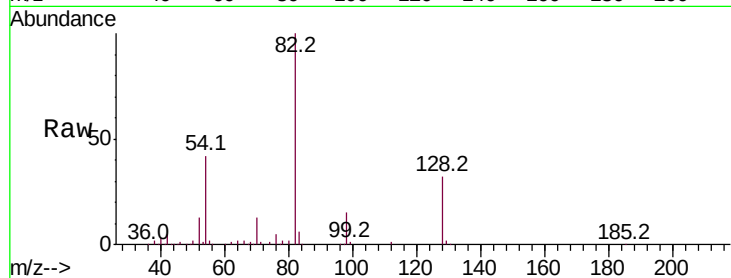




#23
 Nitrobenzene-d5
 Concen: 113.697 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG036120.D
 Acq: 4 Aug 2018 8:38

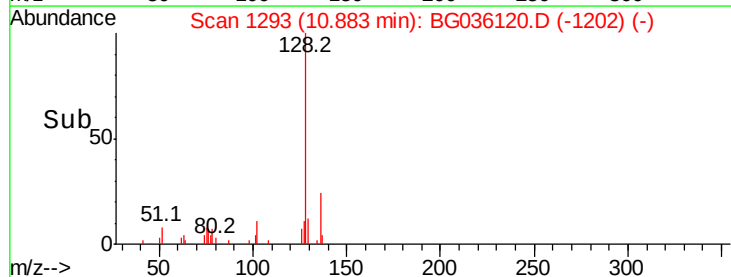
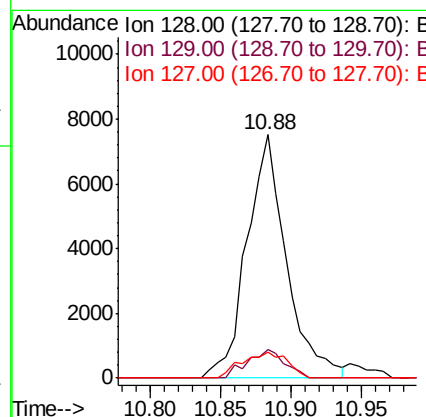
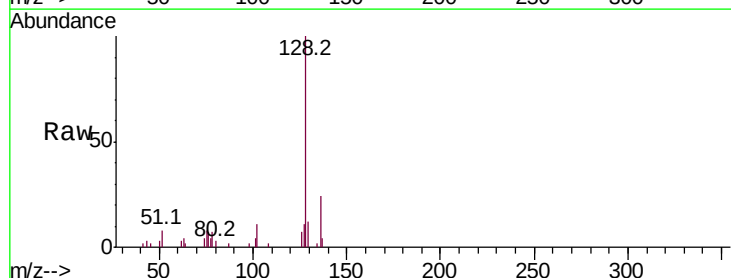
Instrument :
 BNA_G
 ClientSampleId :
 C-10

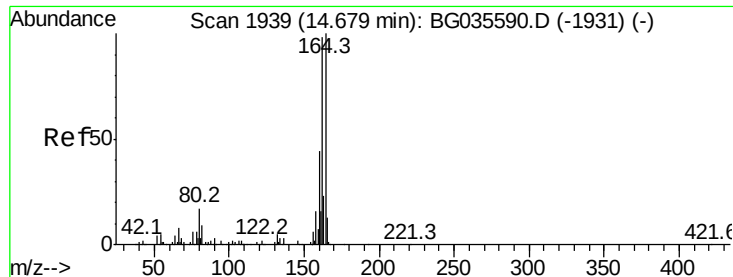
Tot Ion: 82 Resp: 287376
 Ion Ratio Lower Upper
 82 100
 128 32.1 29.7 44.5
 54 42.5 43.1 64.7#



#31
 Naphthalene
 Concen: 2.688 ng
 RT: 10.88 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: BG036120.D
 Acq: 4 Aug 2018 8:38

Tgt Ion:128 Resp: 14787
 Ion Ratio Lower Upper
 128 100
 129 11.8 8.6 12.8
 127 10.7 11.6 17.4#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BG036120.D

Acq: 4 Aug 2018 8:38

Instrument :

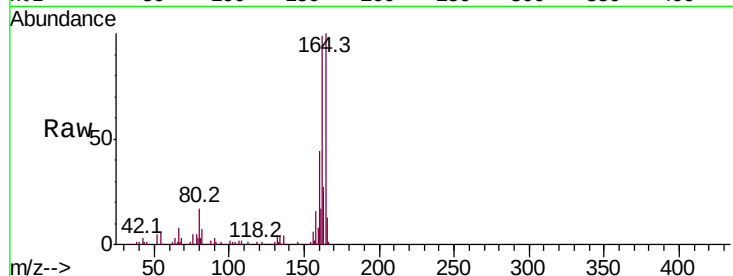
BNA_G

ClientSampled :

C-10

Tot Ion:164 Resp: 77135

Ion	Ratio	Lower	Upper
164	100		
162	98.8	78.8	118.2
160	44.5	35.4	53.0

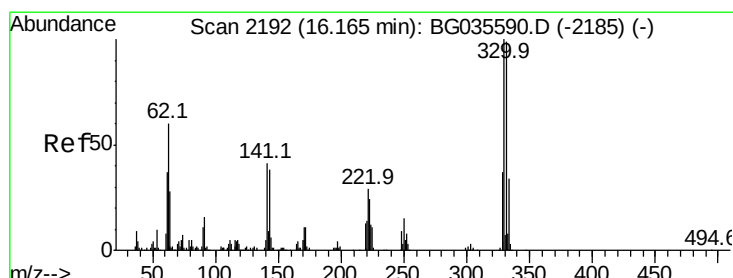
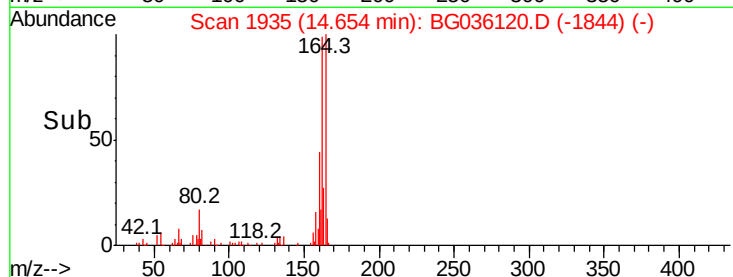
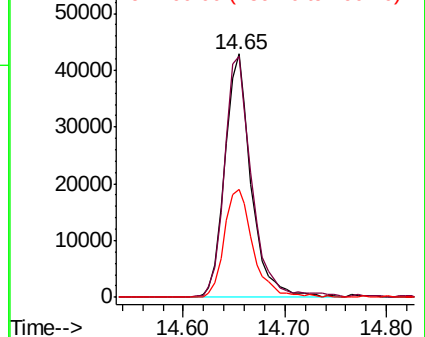


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 146.193 ng

RT: 16.14 min Scan# 2188

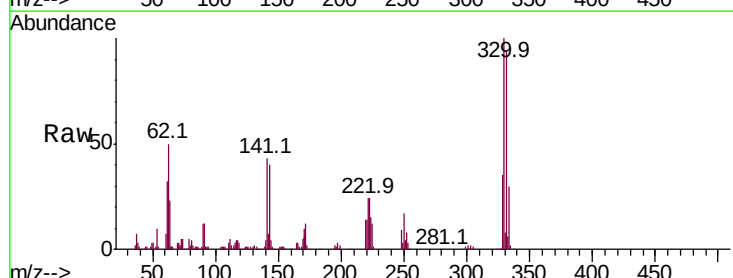
Delta R.T. -0.00 min

Lab File: BG036120.D

Acq: 4 Aug 2018 8:38

Tgt Ion:330 Resp: 148633

Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	40.3	25.2	37.8#

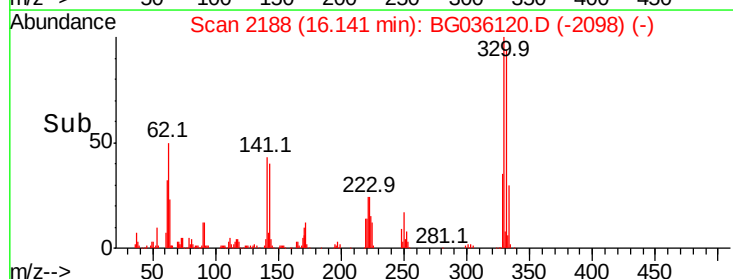
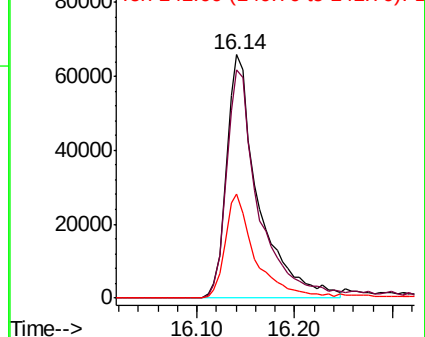


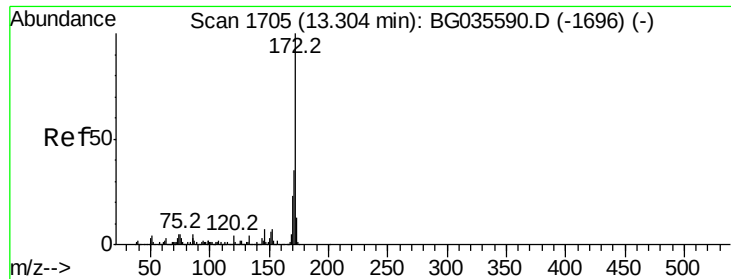
Abundance

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

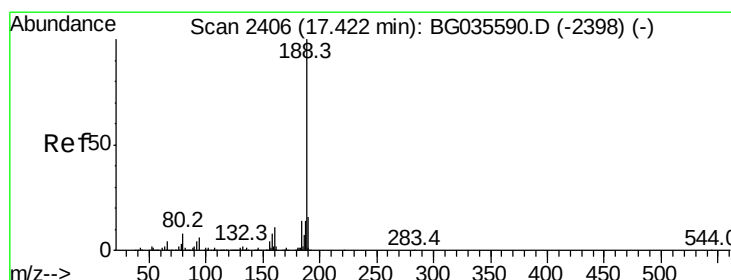
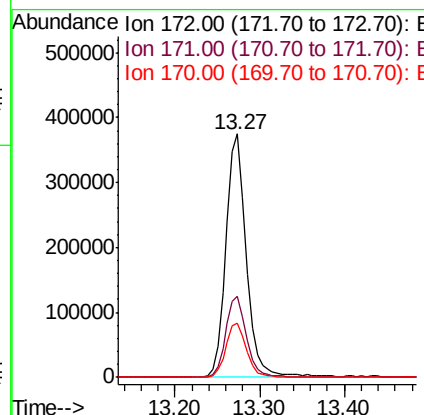
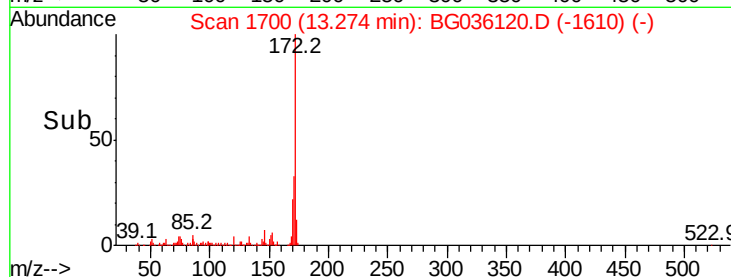
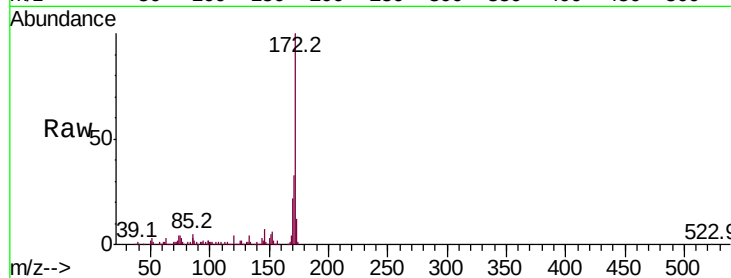




#44
2-Fluorobiphenyl
Concen: 109.522 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG036120.D
Acq: 4 Aug 2018 8:38

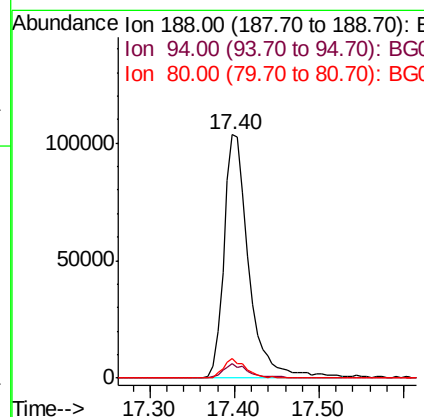
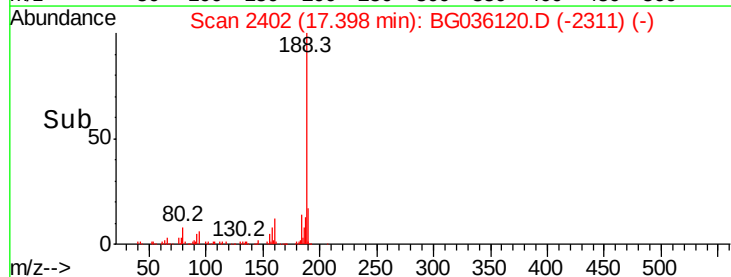
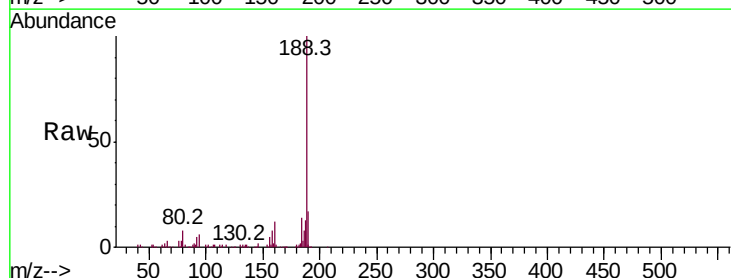
Instrument :
BNA_G
ClientSampleId :
C-10

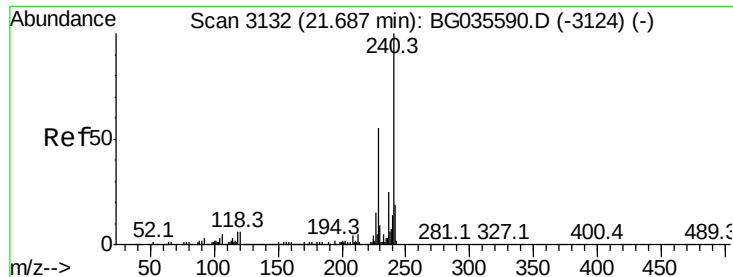
Tot Ion:172 Resp: 630570
Ion Ratio Lower Upper
172 100
171 33.3 30.0 45.0
170 22.2 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BG036120.D
Acq: 4 Aug 2018 8:38

Tgt Ion:188 Resp: 211443
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 8.0 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. 0.01 min

Lab File: BG036120.D

Acq: 4 Aug 2018 8:38

Instrument :

BNA_G

ClientSampleId :

C-10

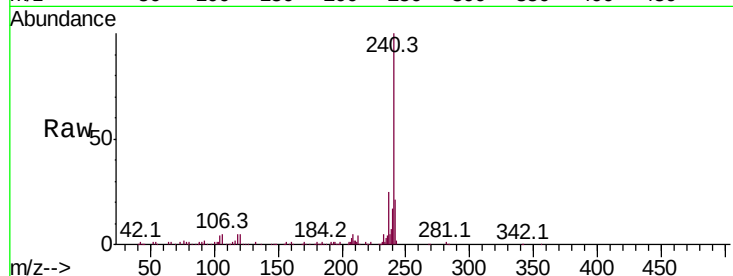
Tot Ion:240 Resp: 230764

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

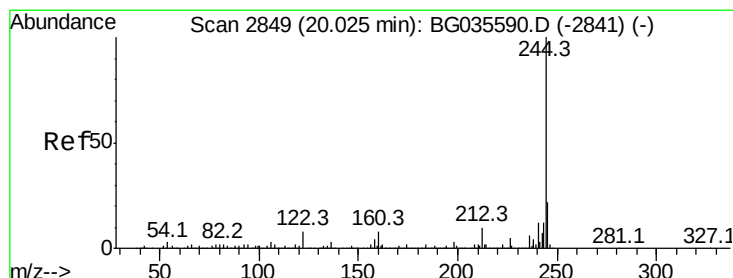
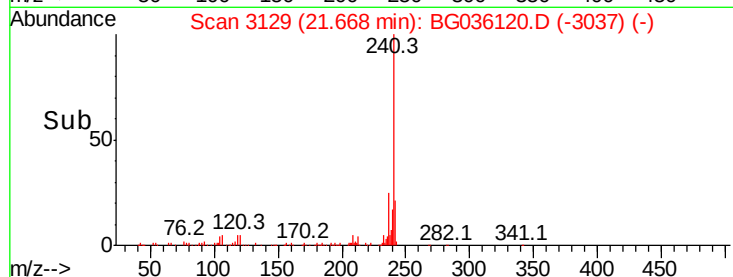
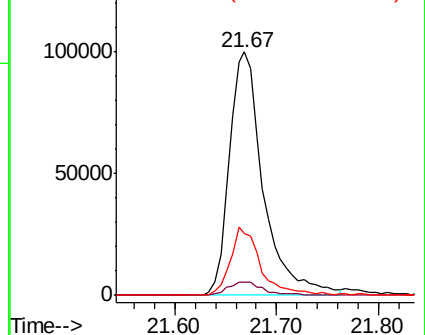
236 25.3 20.9 31.3



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: 119.305 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG036120.D

Acq: 4 Aug 2018 8:38

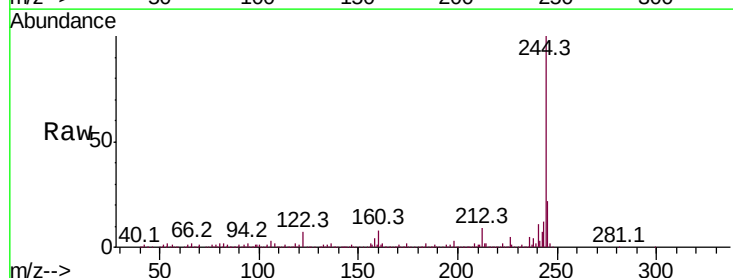
Tgt Ion:244 Resp: 1248976

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

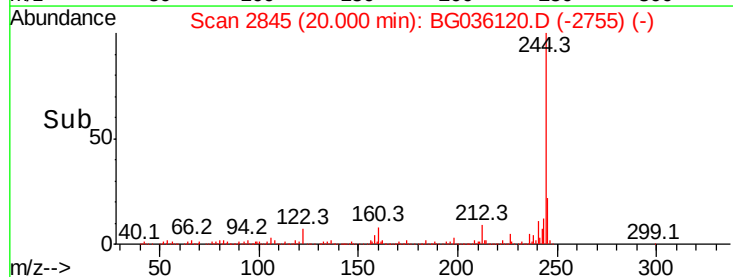
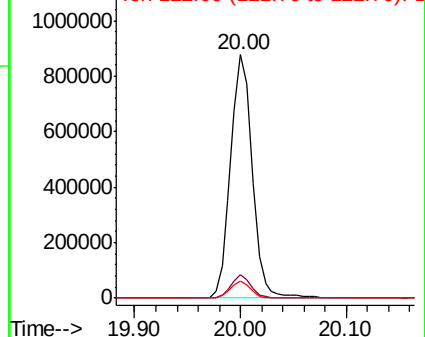
122 6.9 7.0 10.4#

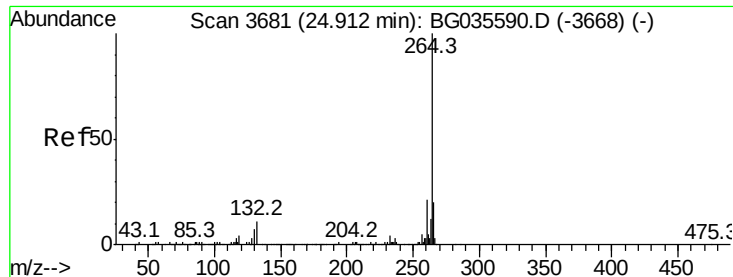


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3676
 Delta R.T. 0.02 min
 Lab File: BG036120.D
 Acq: 4 Aug 2018 8:38

Instrument :
 BNA_G
 ClientSampleId :
 C-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	22.8	17.7	26.5

