

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
 Data File : BG036116.D
 Acq On : 4 Aug 2018 6:01
 Operator : JU/SJ
 Sample : J4313-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-6

Quant Time: Aug 06 01:27:16 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	29527	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	100571	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	68567	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	197013	20.00	ng	0.00
75) Chrysene-d12	21.67	240	220861	20.00	ng	0.01
86) Perylene-d12	24.87	264	191003	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	243442	136.88	ng	0.01
7) Phenol-d6	7.19	99	291459	109.84	ng	0.00
23) Nitrobenzene-d5	9.19	82	254118	105.55	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	147147	162.82	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	562305	109.87	ng	0.00
78) Terphenyl-d14	20.00	244	1144884	114.27	ng	0.00

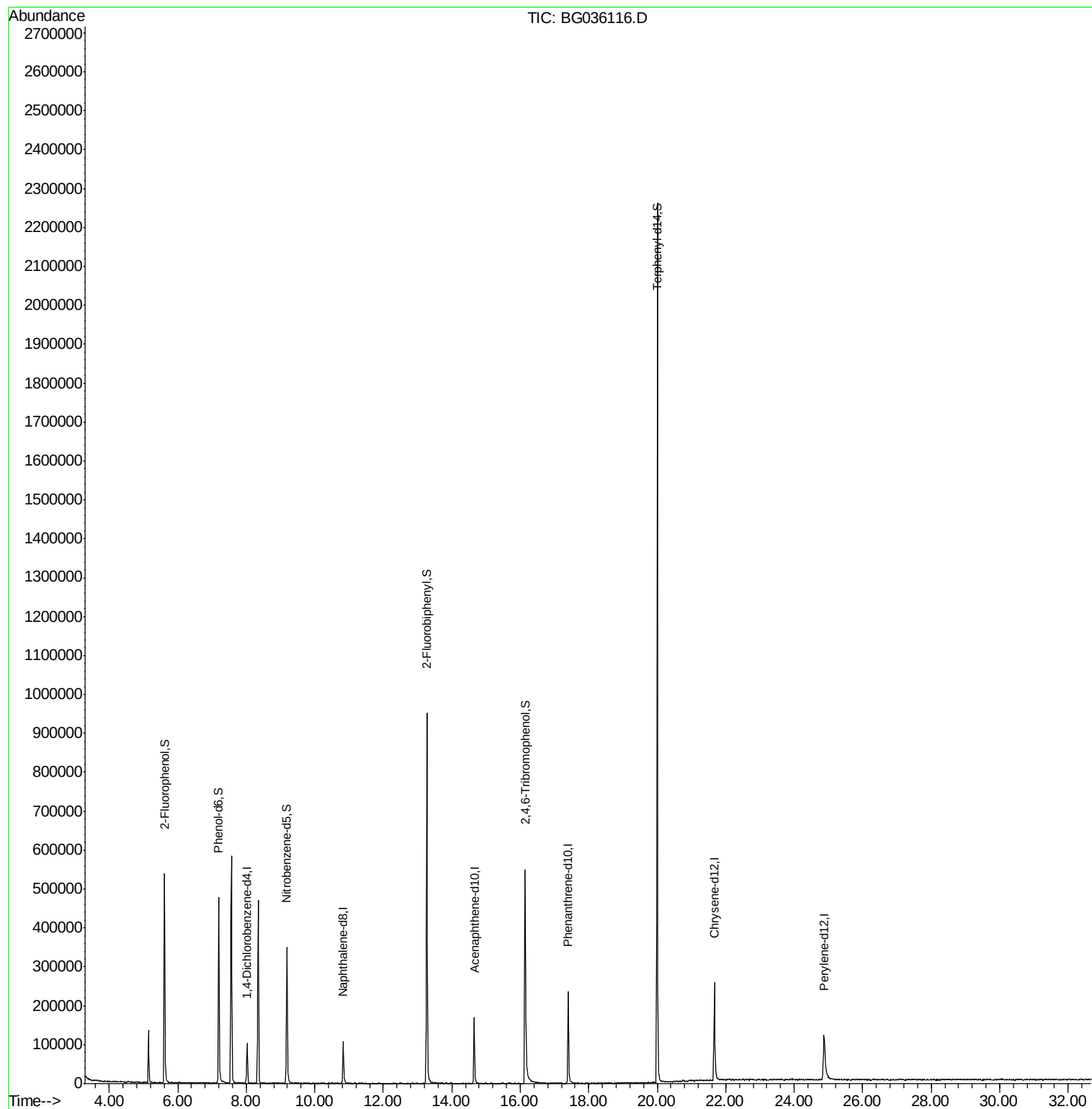
Target Compounds	Qvalue
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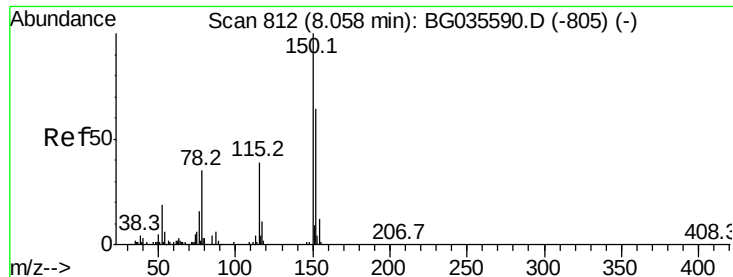
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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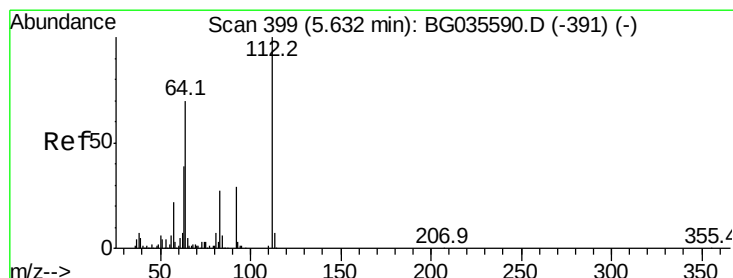
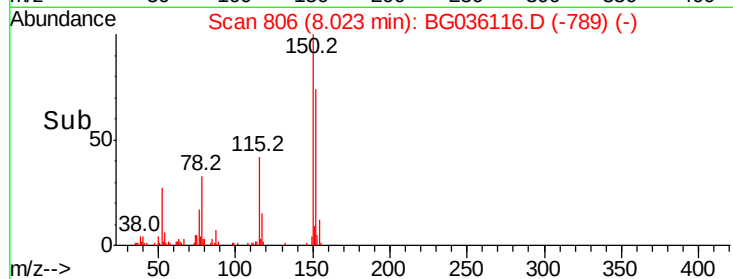
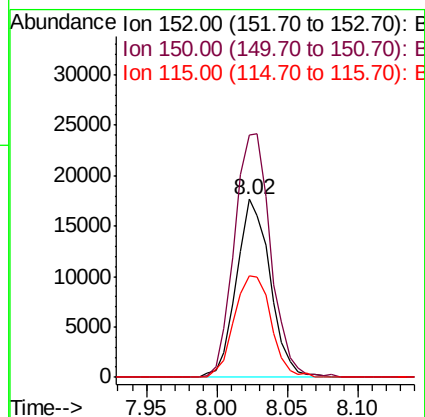
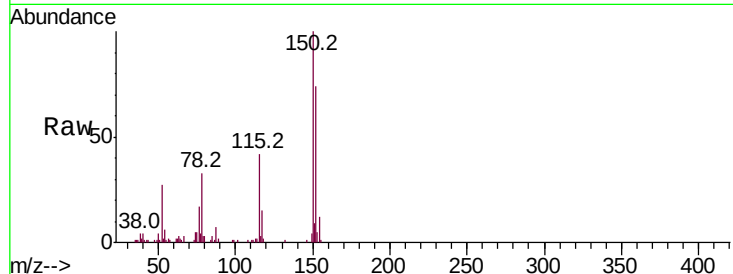


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036116.D
Acq: 4 Aug 2018 6:01

Instrument :
BNA_G
ClientSampleId :
C-6

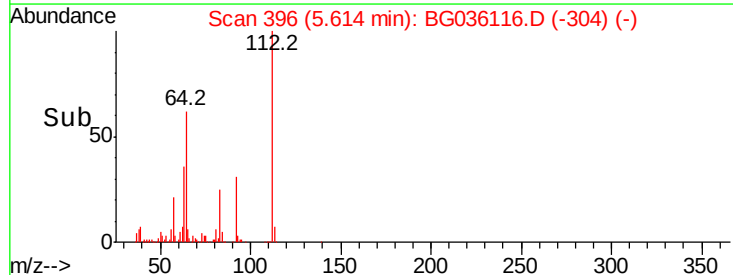
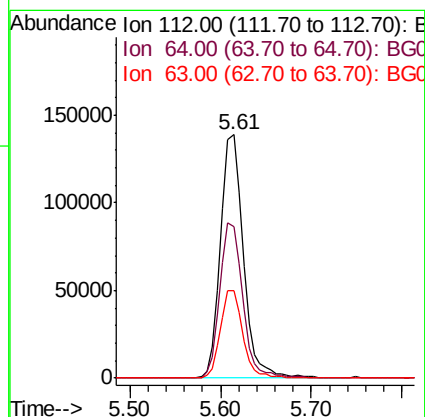
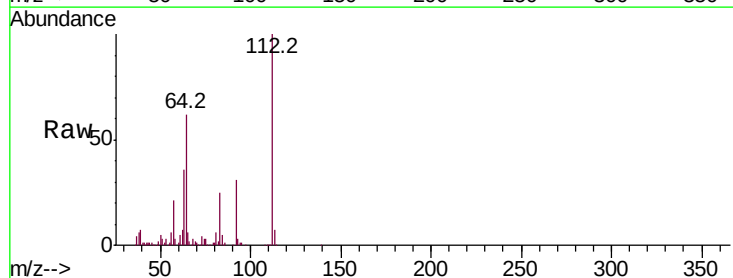
Tot Ion	Ratio	Lower	Upper
152	100		
150	135.9	126.6	189.8
115	57.3	53.0	79.4

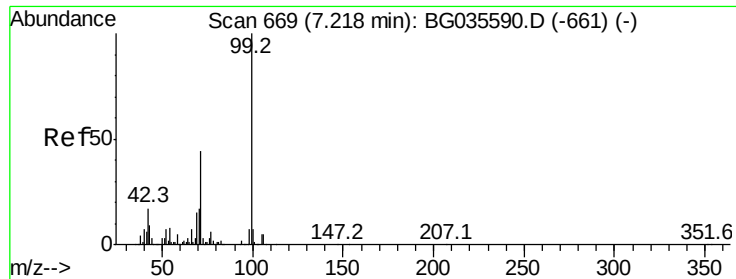


#5

2-Fluorophenol
Concen: 136.882 ng
RT: 5.61 min Scan# 396
Delta R.T. 0.01 min
Lab File: BG036116.D
Acq: 4 Aug 2018 6:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	56.3	84.5
63	35.9	30.1	45.1





#7

Phenol-d6

Concen: 109.840 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG036116.D

Acq: 4 Aug 2018 6:01

Instrument :

BNA_G

ClientSampleId :

C-6

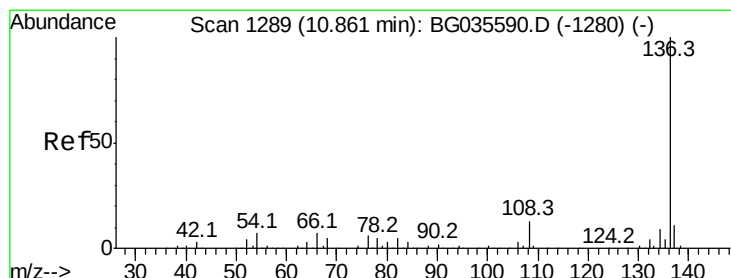
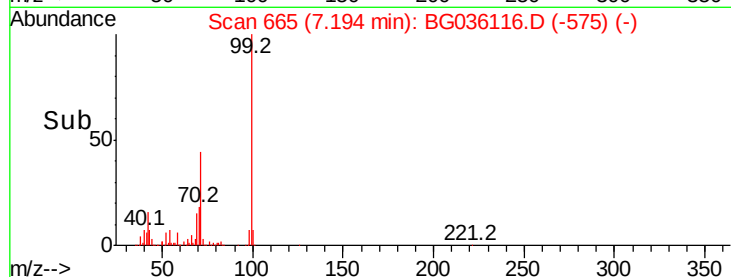
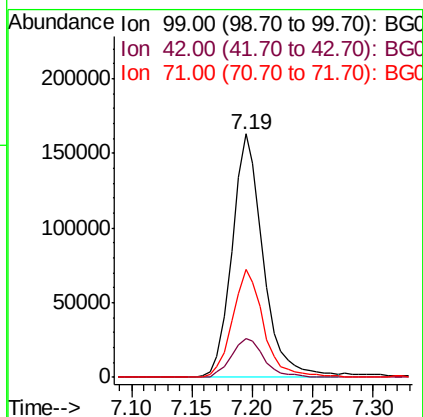
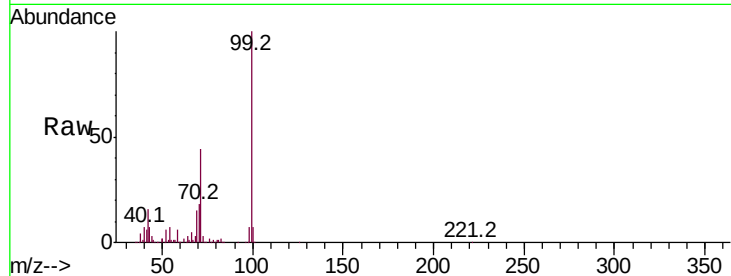
Tot Ion: 99 Resp: 291459

Ion Ratio Lower Upper

99 100

42 16.1 14.1 21.1

71 44.4 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: BG036116.D

Acq: 4 Aug 2018 6:01

Tgt Ion:136 Resp: 100571

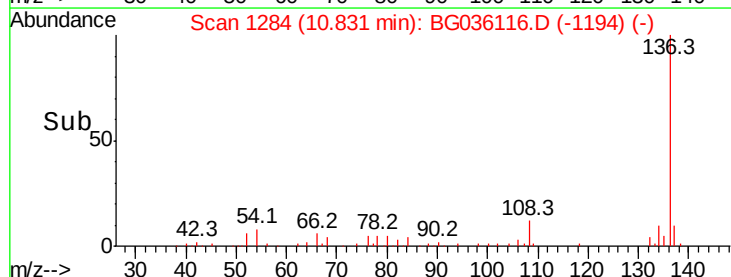
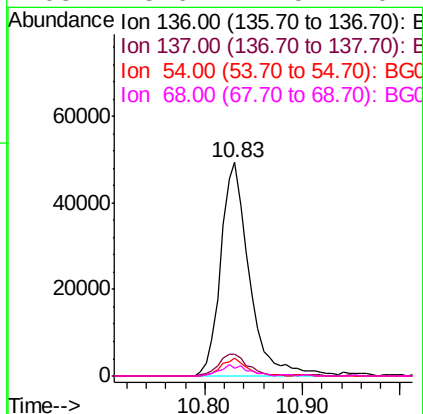
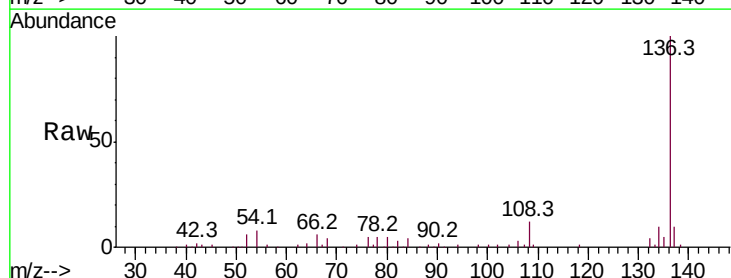
Ion Ratio Lower Upper

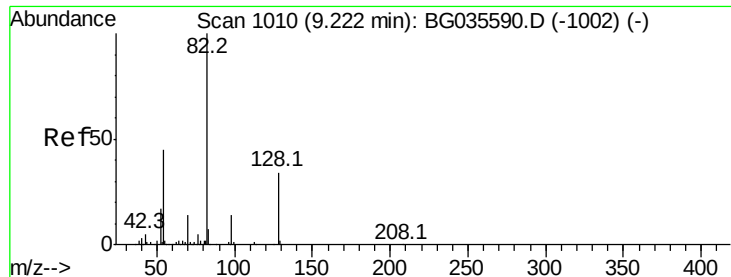
136 100

137 10.1 9.2 13.8

54 8.4 10.3 15.5#

68 3.6 4.5 6.7#

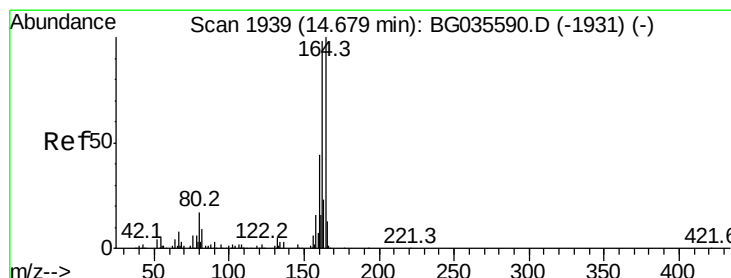
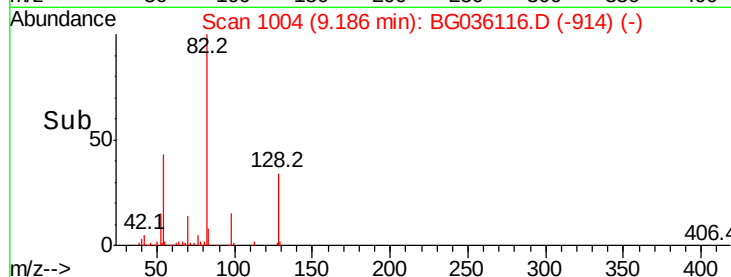
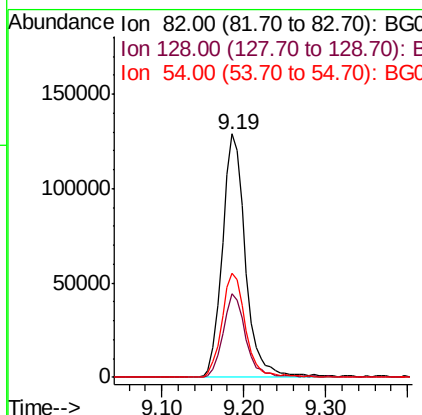
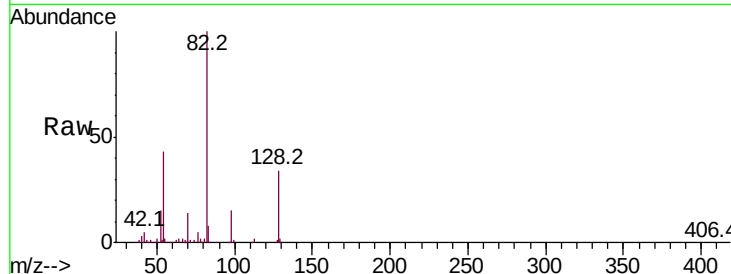




#23
 Nitrobenzene-d5
 Concen: 105.554 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG036116.D
 Acq: 4 Aug 2018 6:01

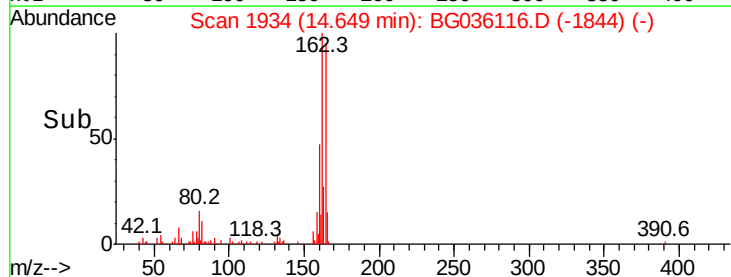
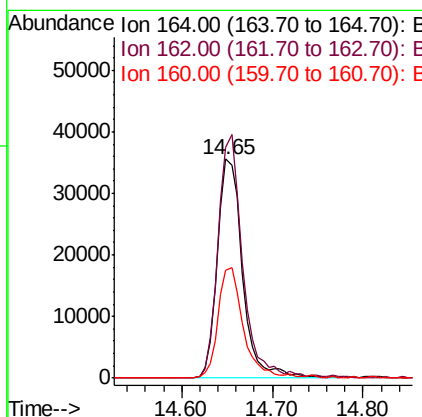
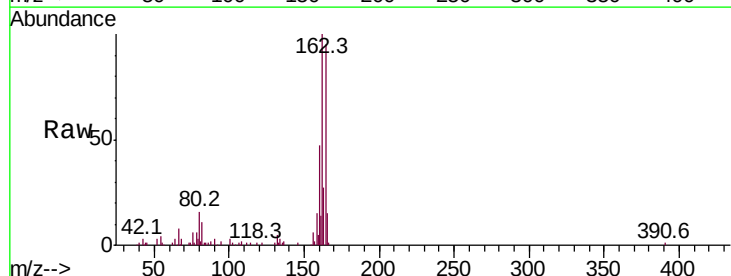
Instrument :
 BNA_G
 ClientSampleId :
 C-6

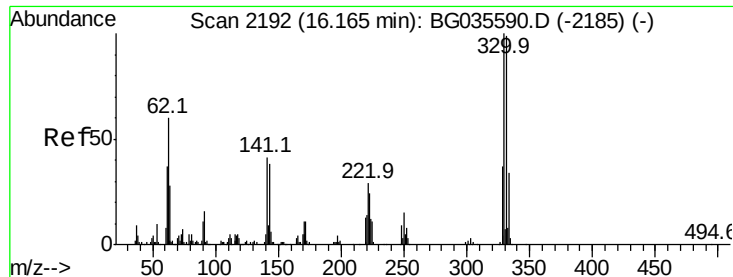
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.2	29.7	44.5
54	42.8	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG036116.D
 Acq: 4 Aug 2018 6:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	78.8	118.2
160	49.3	35.4	53.0

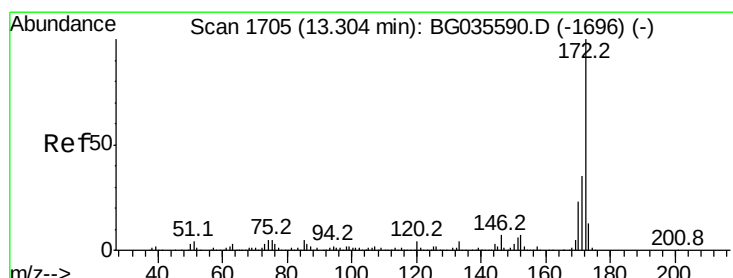
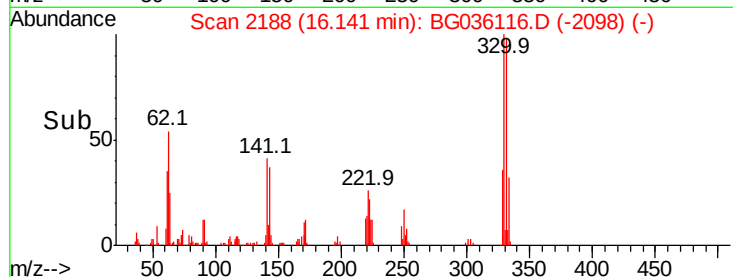
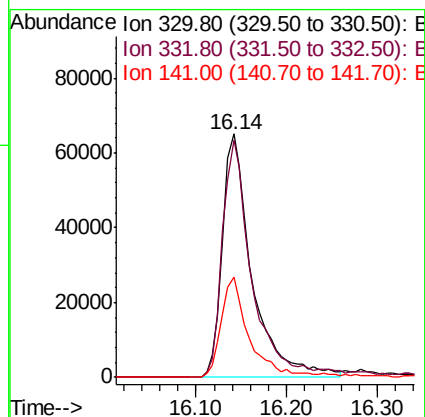
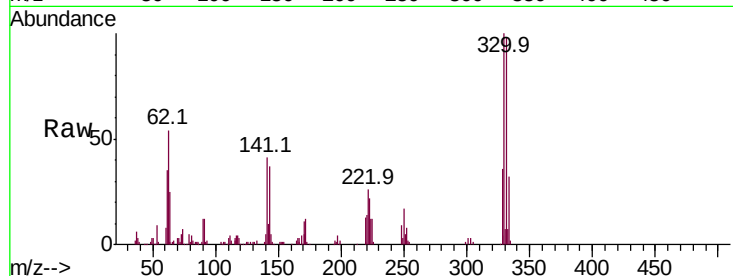




#41
2,4,6-Tribromophenol
Concen: 162.817 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG036116.D
Acq: 4 Aug 2018 6:01

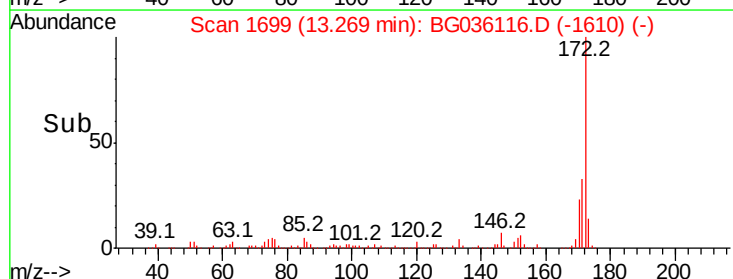
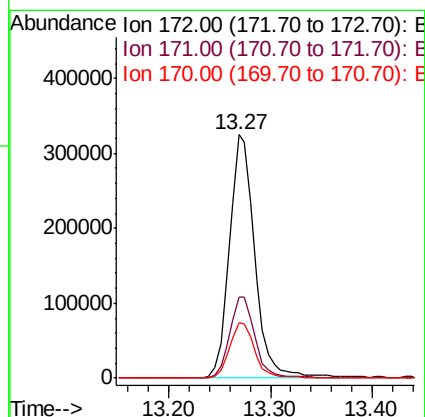
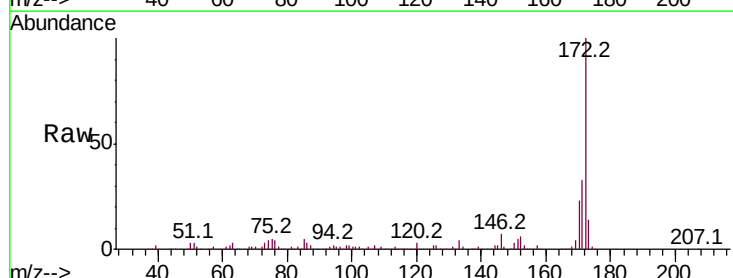
Instrument :
BNA_G
ClientSampleId :
C-6

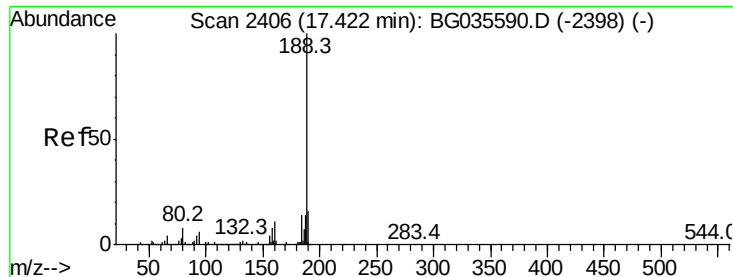
Tot Ion:330 Resp: 147147
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 38.2 25.2 37.8#



#44
2-Fluorobiphenyl
Concen: 109.870 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG036116.D
Acq: 4 Aug 2018 6:01

Tgt Ion:172 Resp: 562305
Ion Ratio Lower Upper
172 100
171 33.5 30.0 45.0
170 22.8 19.5 29.3

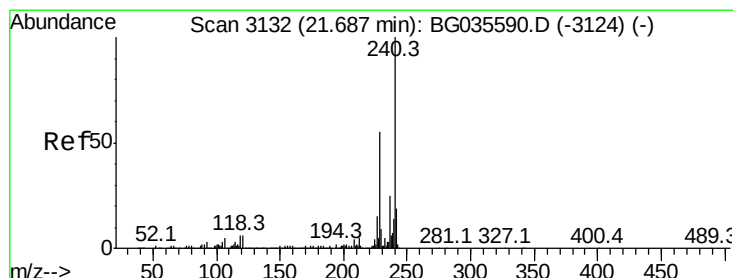
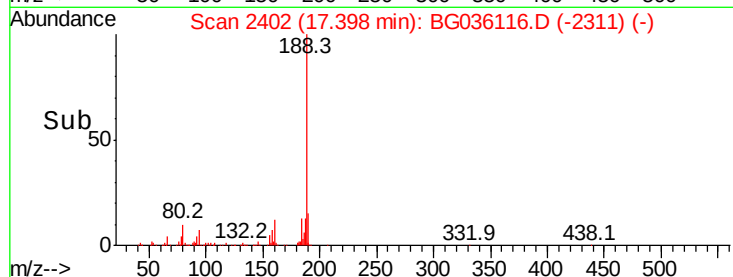
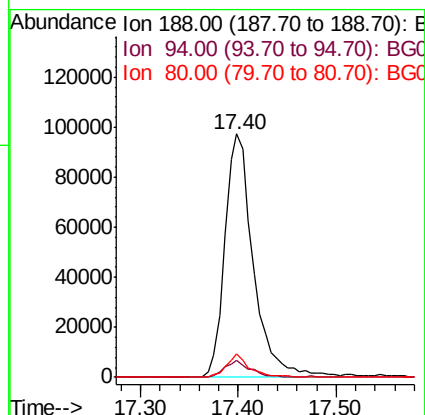
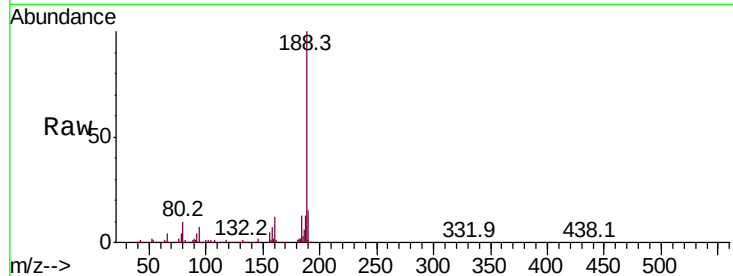




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BG036116.D
Acq: 4 Aug 2018 6:01

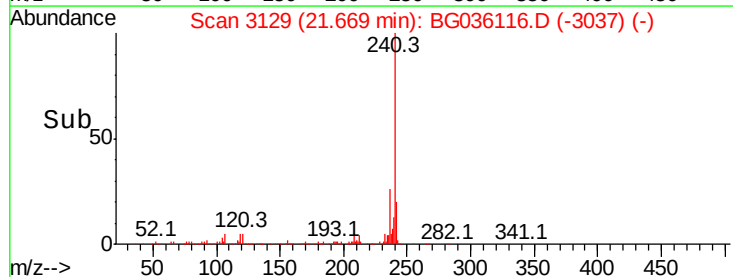
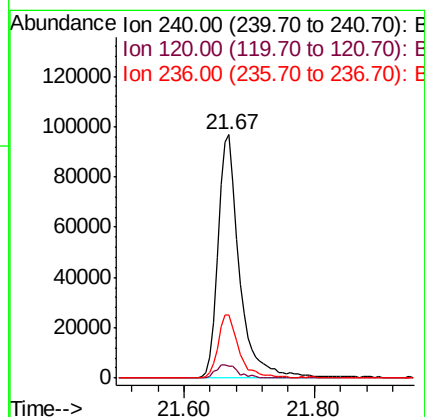
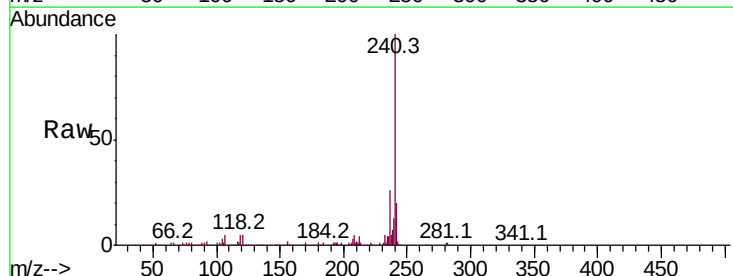
Instrument :
BNA_G
ClientSampleId :
C-6

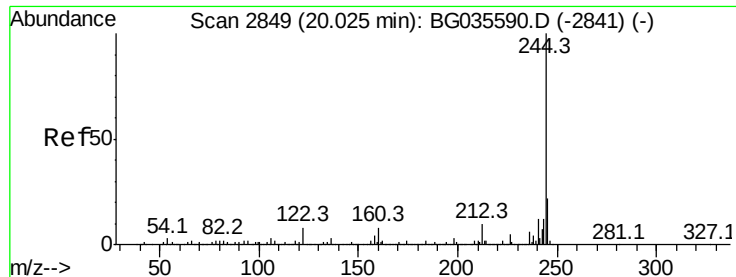
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	9.8	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. 0.01 min
Lab File: BG036116.D
Acq: 4 Aug 2018 6:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.9	6.8	10.2#
236	25.9	20.9	31.3





#78

Terphenyl-d14

Concen: 114.265 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG036116.D

Acq: 4 Aug 2018 6:01

Instrument :

BNA_G

ClientSampleId :

C-6

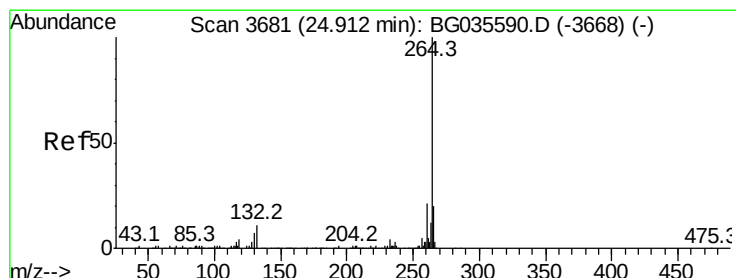
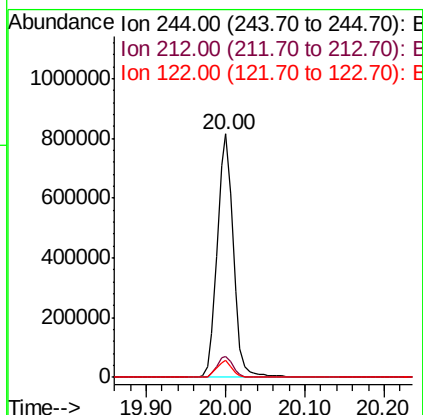
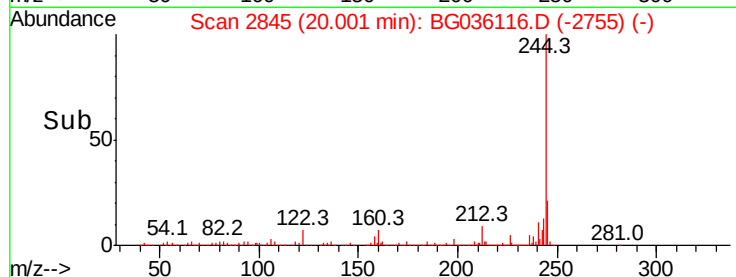
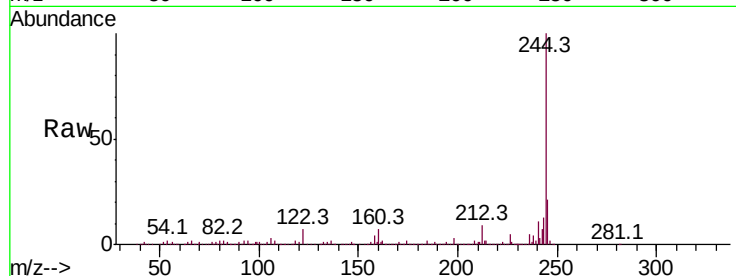
Tot Ion:244 Resp: 1144884

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

122 6.9 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: BG036116.D

Acq: 4 Aug 2018 6:01

Tgt Ion:264 Resp: 191003

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 17.6 17.7 26.5#

