

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
 Data File : BG035619.D
 Acq On : 13 Jul 2018 7:33
 Operator : JU/SJ
 Sample : J3825-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-071118-C

Quant Time: Jul 13 08:20:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

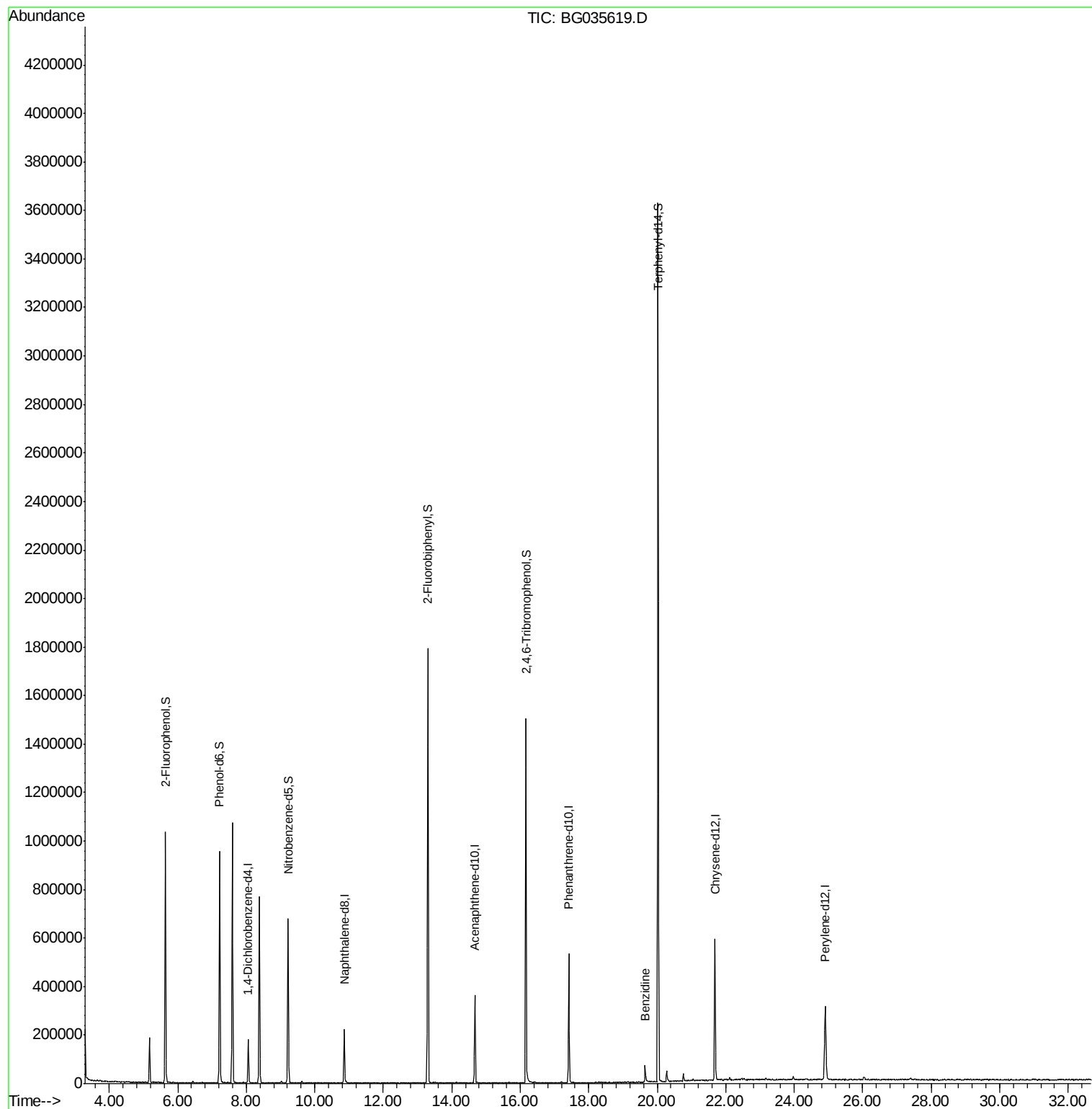
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	45595	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	178362	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	126176	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	349012	20.00	ng	0.00
75) Chrysene-d12	21.69	240	376047	20.00	ng	0.00
86) Perylene-d12	24.90	264	341890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	413224	150.47	ng	0.00
7) Phenol-d6	7.22	99	556518	135.82	ng	0.00
23) Nitrobenzene-d5	9.22	82	434205	101.70	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	265238	159.49	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	942140	100.04	ng	0.00
78) Terphenyl-d14	20.02	244	1686129	98.84	ng	0.00
Target Compounds						
76) Benzidine	19.65	184	52343	5.294	ng	Qvalue 97

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

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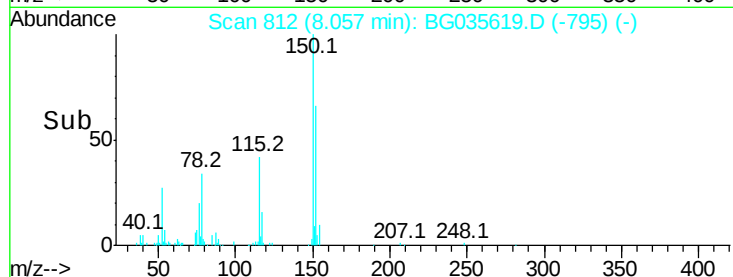
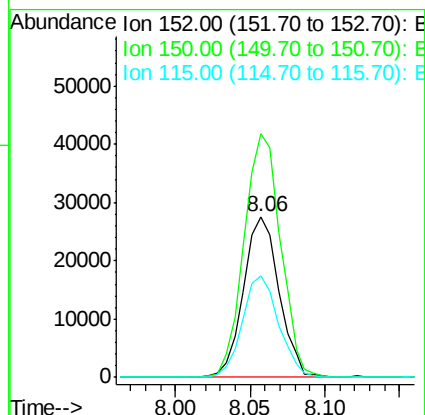
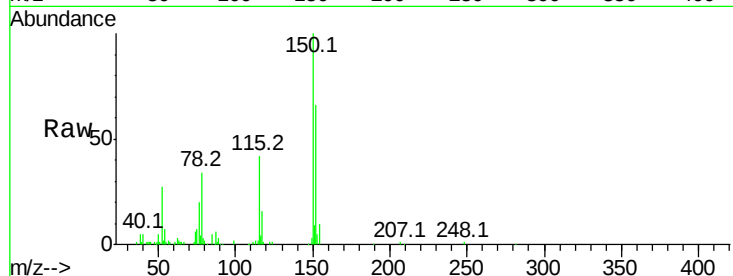


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-C

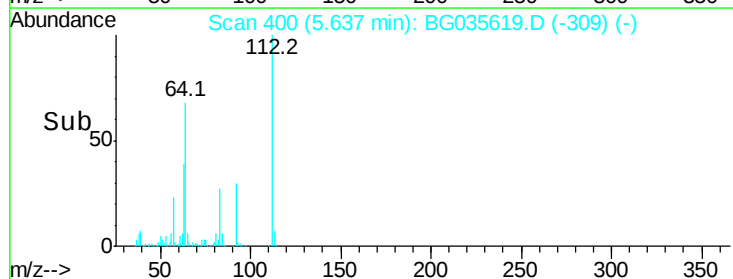
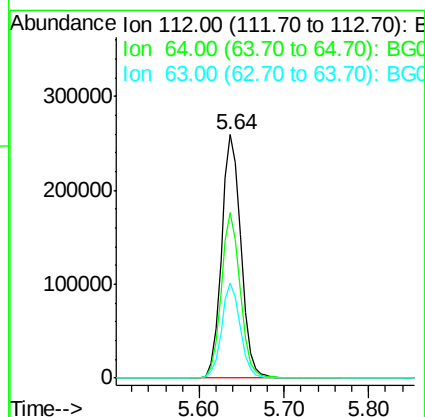
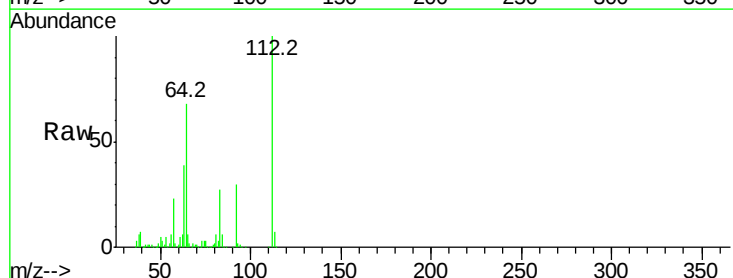
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	126.6	189.8
115	63.2	53.0	79.4



#5

2-Fluorophenol
Concen: 150.466 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.00 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	56.3	84.5
63	39.3	30.1	45.1





#7

Phenol-d6

Concen: 135.821 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035619.D

Acq: 13 Jul 2018 7:33

Instrument :

BNA_G

ClientSampleId :

CL-02-071118-C

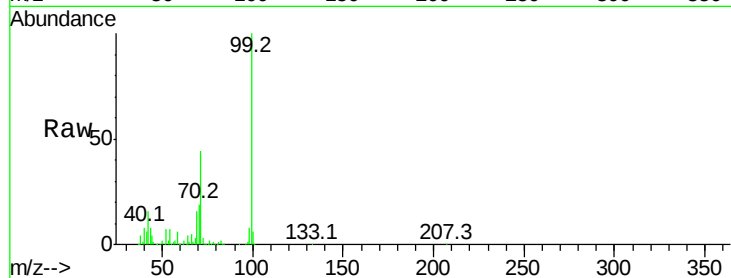
Tot Ion: 99 Resp: 556518

Ion Ratio Lower Upper

99 100

42 16.4 14.1 21.1

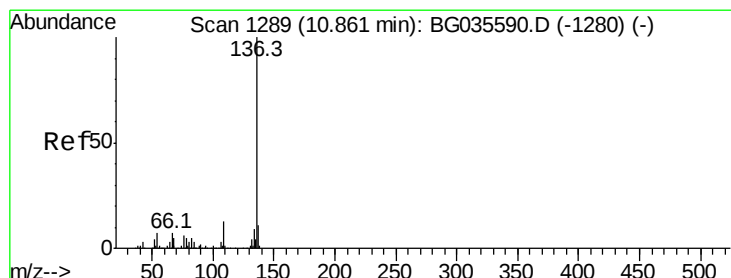
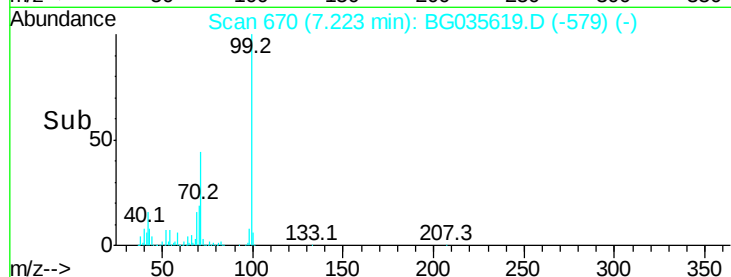
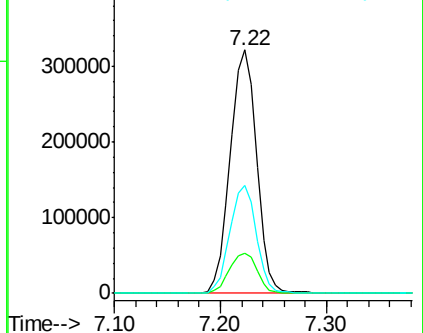
71 44.5 26.1 39.1#



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: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG035619.D

Acq: 13 Jul 2018 7:33

Tgt Ion: 136 Resp: 178362

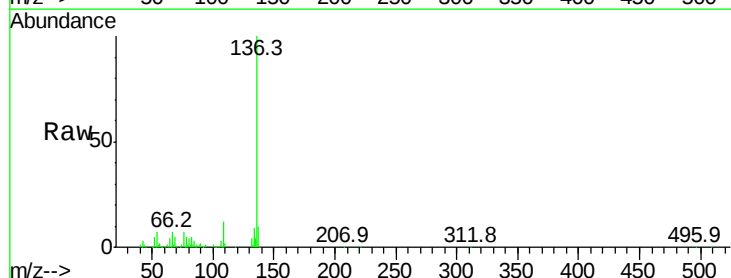
Ion Ratio Lower Upper

136 100

137 9.9 9.2 13.8

54 6.8 10.3 15.5#

68 5.1 4.5 6.7

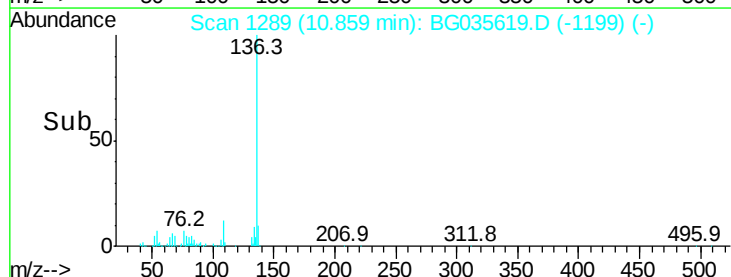
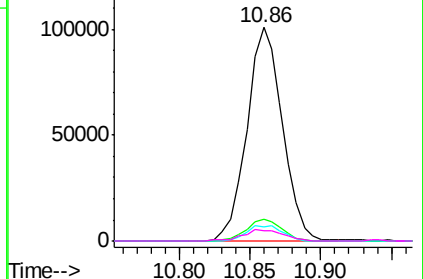


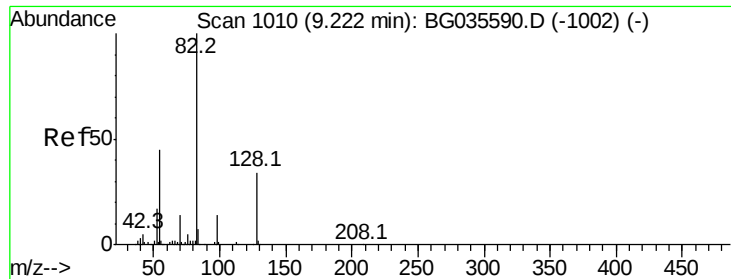
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

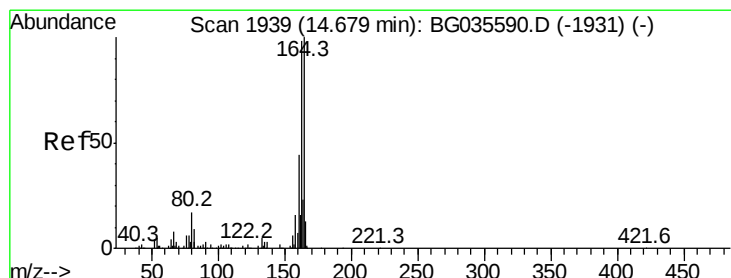
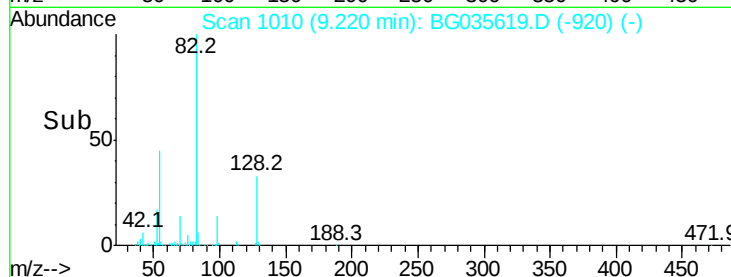
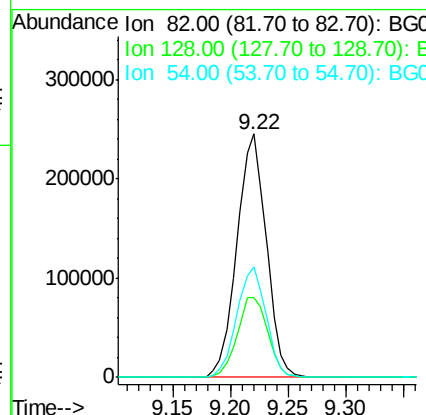
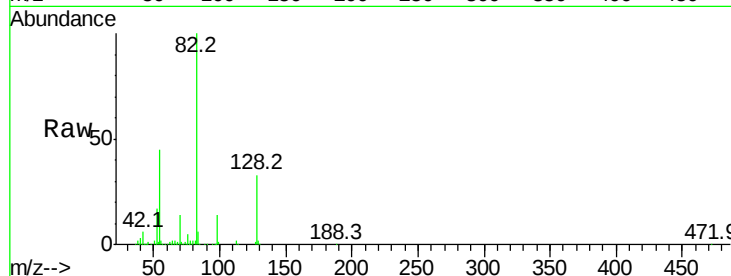




#23
 Nitrobenzene-d5
 Concen: 101.697 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BG035619.D
 Acq: 13 Jul 2018 7:33

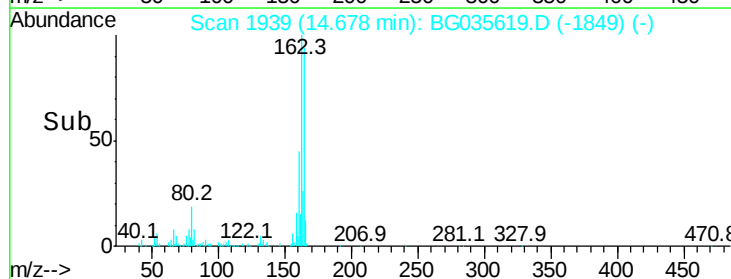
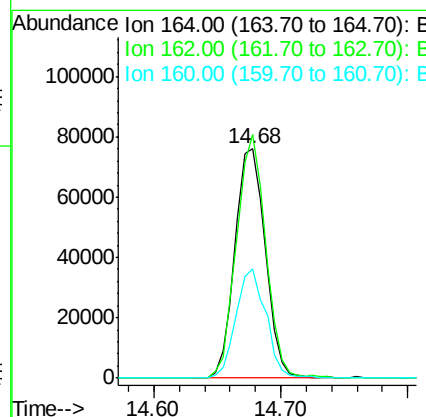
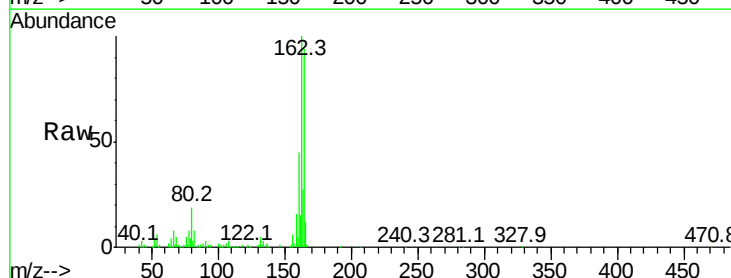
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-071118-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.5	29.7	44.5
54	45.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BG035619.D
 Acq: 13 Jul 2018 7:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	78.8	118.2
160	47.6	35.4	53.0

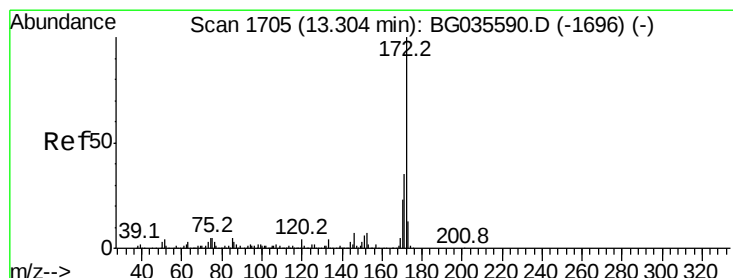
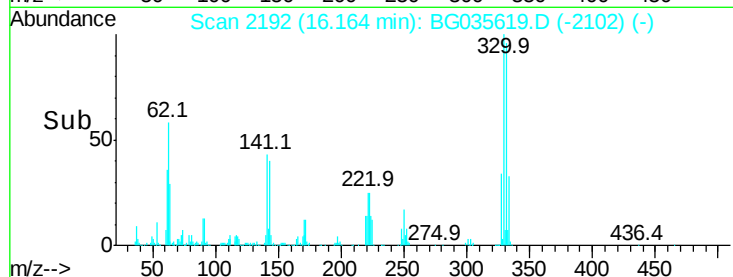
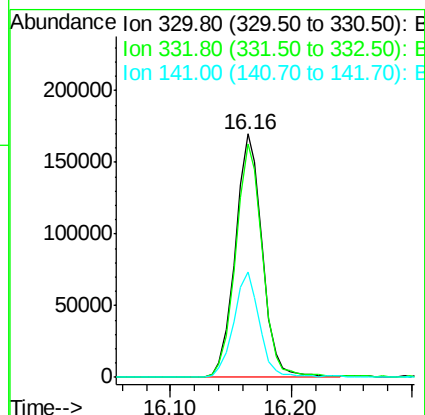
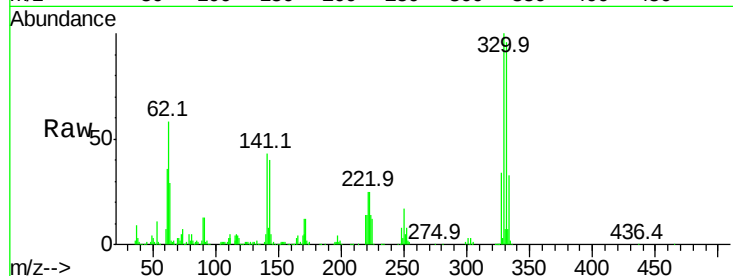




#41
2,4,6-Tribromophenol
Concen: 159.486 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

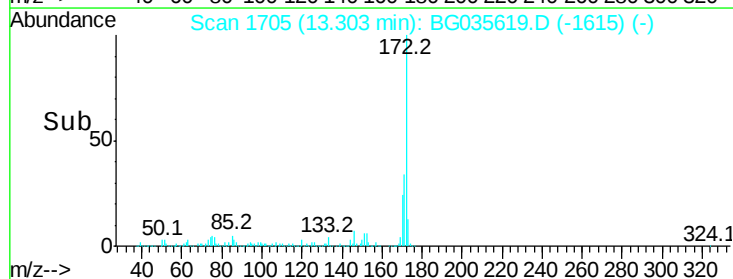
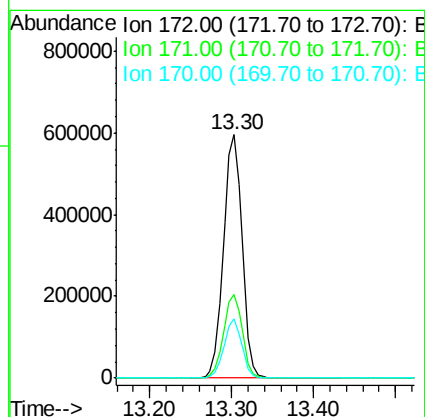
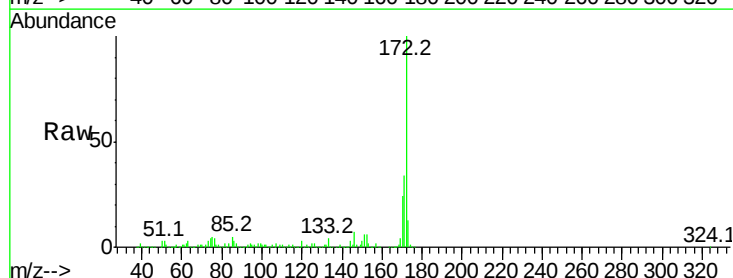
Instrument :
BNA_G
ClientSampleId :
CL-02-071118-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	41.1	25.2	37.8#



#44
2-Fluorobiphenyl
Concen: 100.037 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	30.0	45.0
170	24.4	19.5	29.3

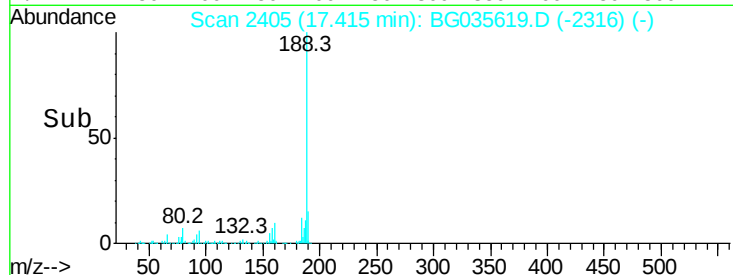
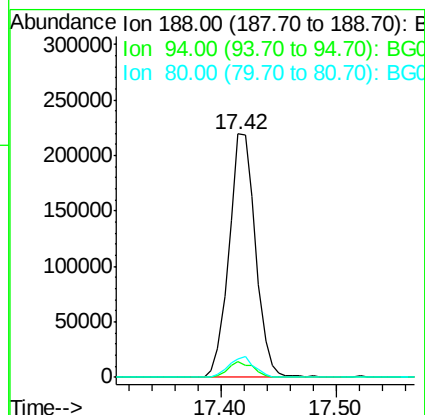
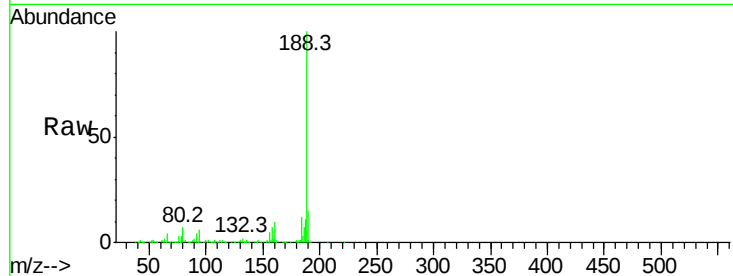




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

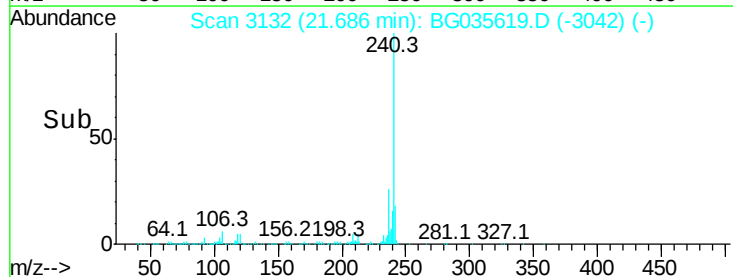
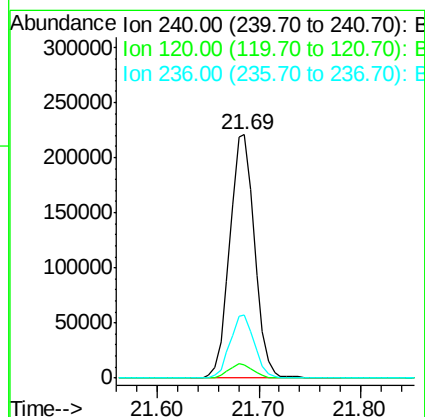
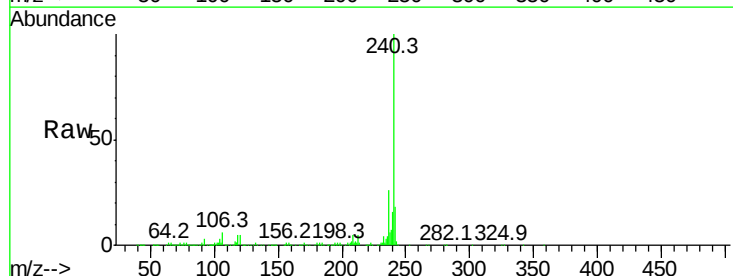
Instrument :
BNA_G
ClientSampleId :
CL-02-071118-C

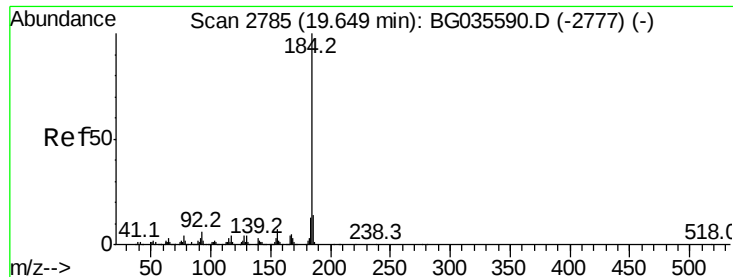
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	7.3	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.3	6.8	10.2#
236	25.9	20.9	31.3





#76

Benzidine

Concen: 5.294 ng

RT: 19.65 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG035619.D

Acq: 13 Jul 2018 7:33

Instrument :

BNA_G

ClientSampleId :

CL-02-071118-C

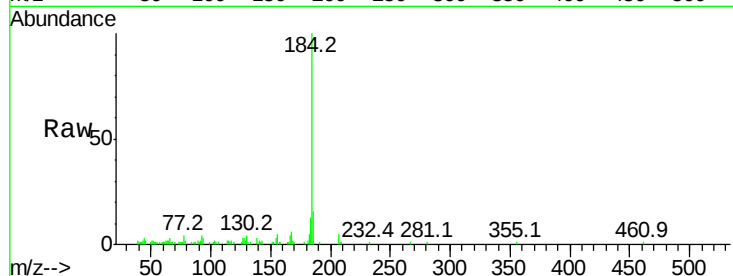
Tot Ion:184 Resp: 52343

Ion Ratio Lower Upper

184 100

185 16.1 11.1 16.7

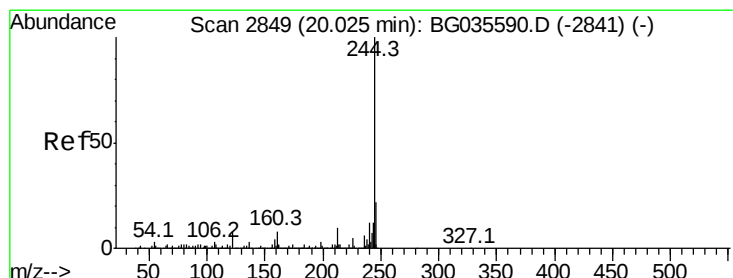
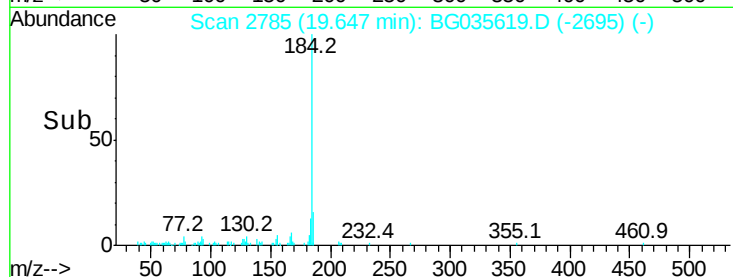
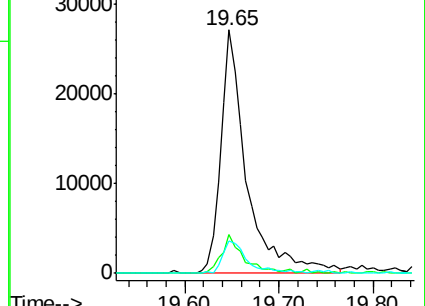
183 13.3 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 98.837 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG035619.D

Acq: 13 Jul 2018 7:33

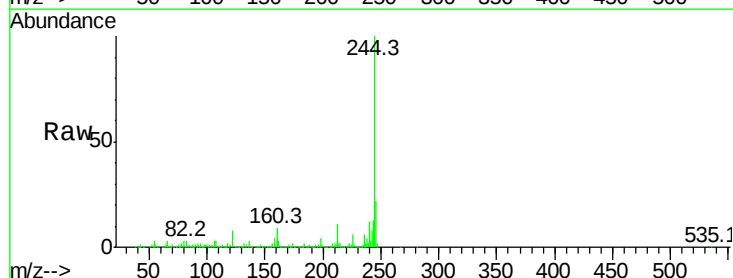
Tgt Ion:244 Resp: 1686129

Ion Ratio Lower Upper

244 100

212 10.5 5.8 8.8#

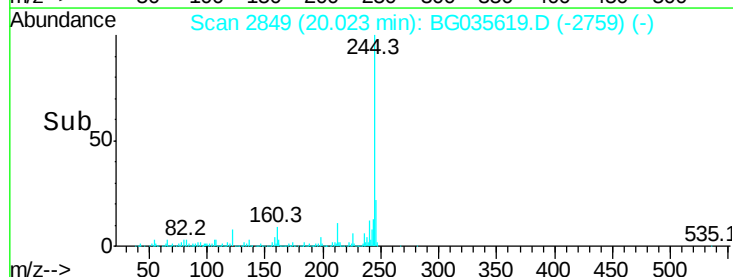
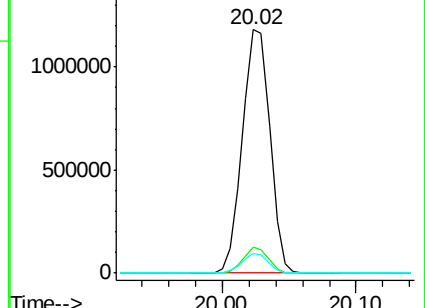
122 7.8 7.0 10.4

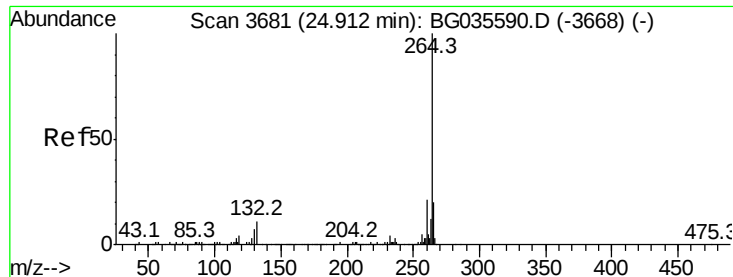


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

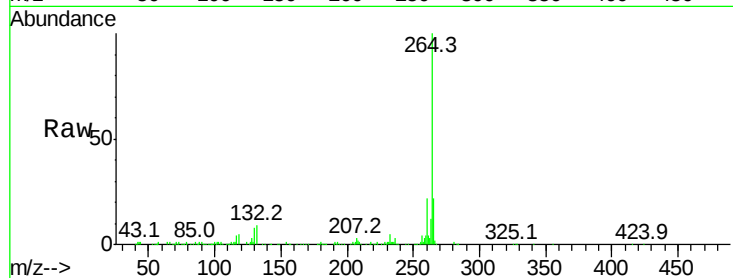




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	22.2	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

