

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072418\
 Data File : BG035842.D
 Acq On : 24 Jul 2018 11:13
 Operator : JU/SJ
 Sample : J3762-01
 Misc : LOD 1PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 24 14:48:46 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 24 14:48:00 2018
 Response via : Initial Calibration

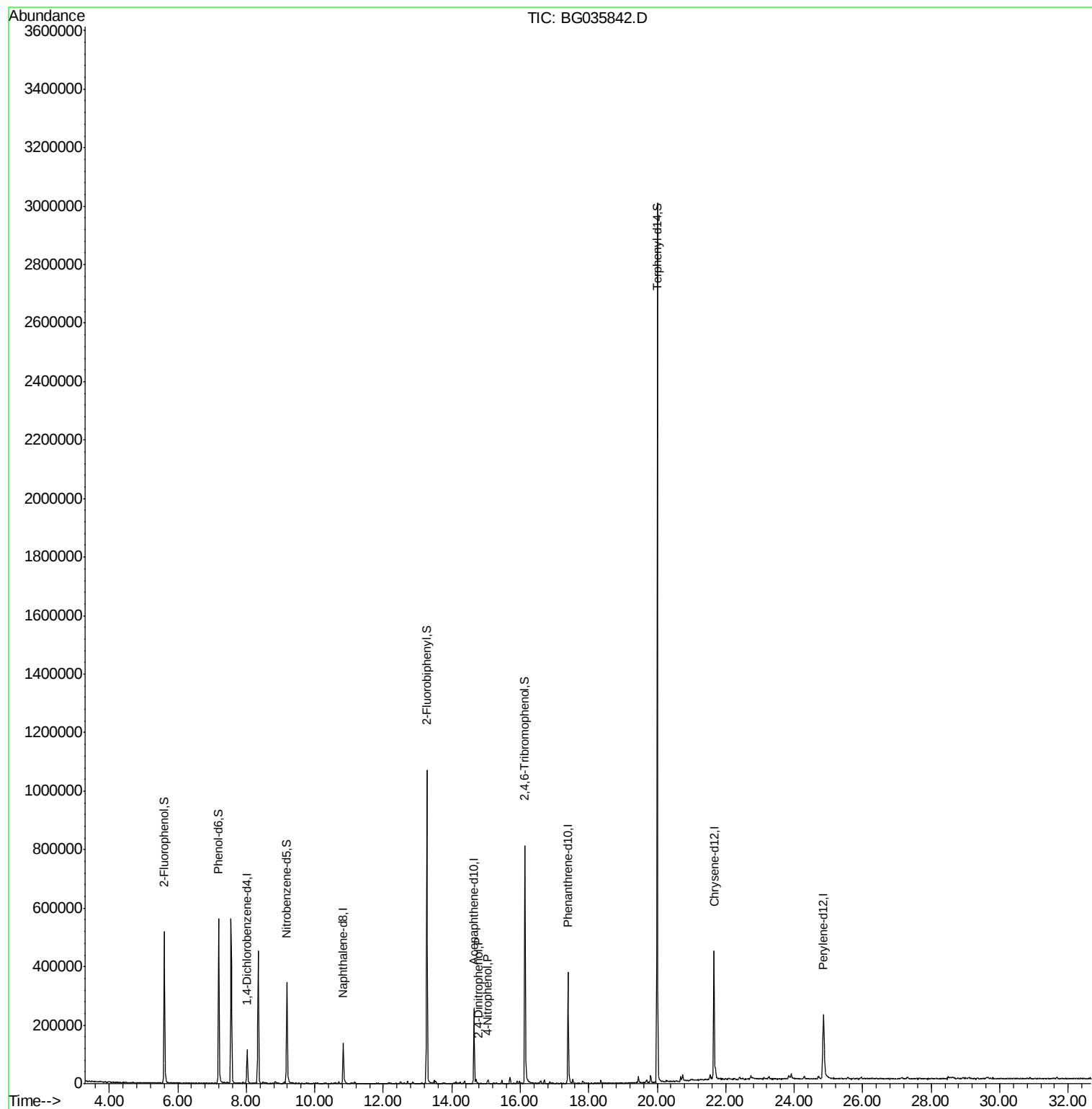
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	33968	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	128079	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	90935	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	262282	20.00	ng	0.00
75) Chrysene-d12	21.66	240	305084	20.00	ng	0.00
86) Perylene-d12	24.85	264	277769	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	248951	121.68	ng	0.00
7) Phenol-d6	7.19	99	360296	118.03	ng	0.00
23) Nitrobenzene-d5	9.19	82	247925	80.86	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	168014	140.18	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	603376	88.90	ng	0.00
78) Terphenyl-d14	20.00	244	1419051	102.53	ng	0.00
Target Compounds						
53) 2,4-Dinitrophenol	14.77	184	72	6.661	ng	# 1
55) 4-Nitrophenol	15.05	139	3137	2.656	ng	# 1

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

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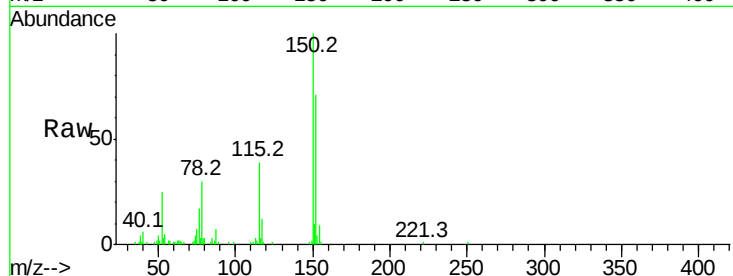


#1

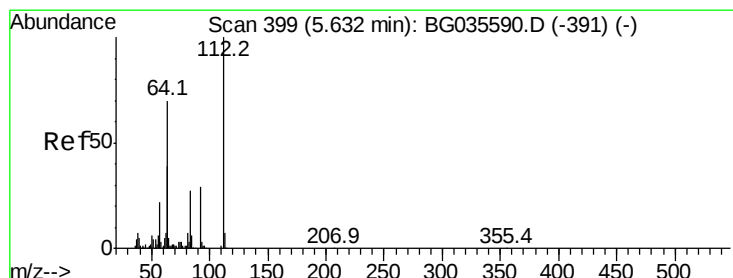
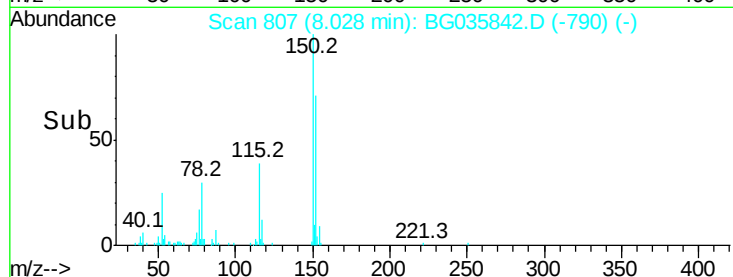
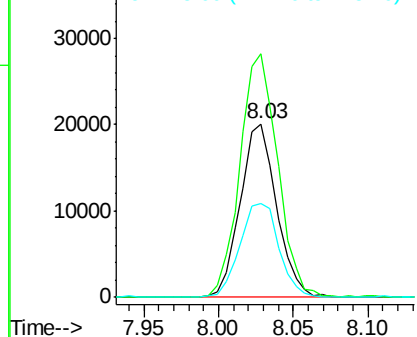
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG035842.D
Acq: 24 Jul 2018 11:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.5	126.6	189.8
115	54.4	53.0	79.4



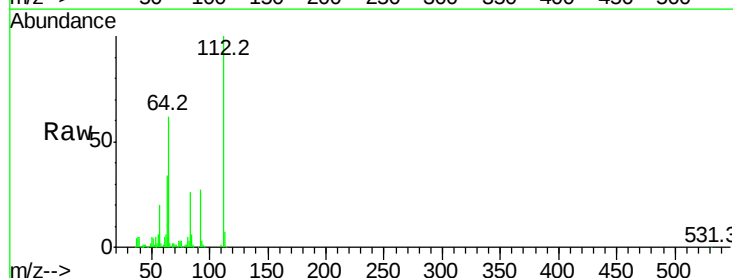
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



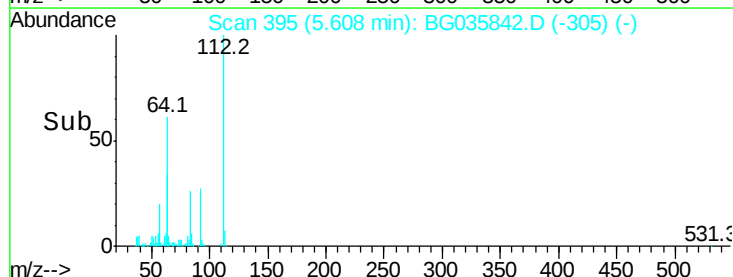
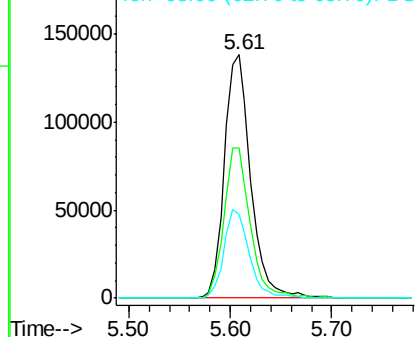
#5

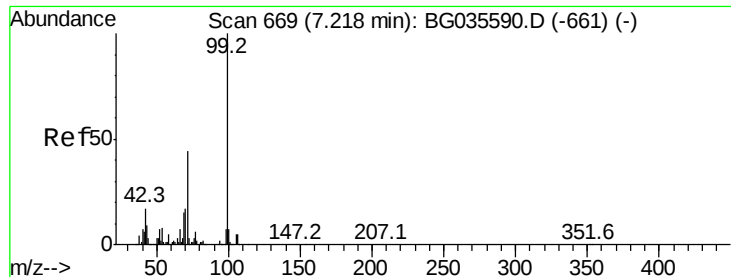
2-Fluorophenol
Concen: 121.678 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG035842.D
Acq: 24 Jul 2018 11:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	56.3	84.5
63	34.1	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: 118.030 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035842.D

Acq: 24 Jul 2018 11:13

Instrument :

BNA_G

ClientSampleId :

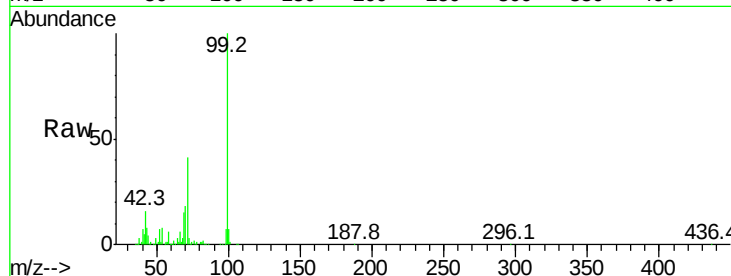
Tot Ion: 99 Resp: 360296

Ion Ratio Lower Upper

99 100

42 16.2 14.1 21.1

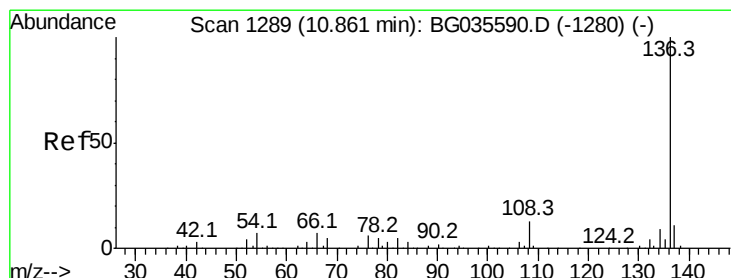
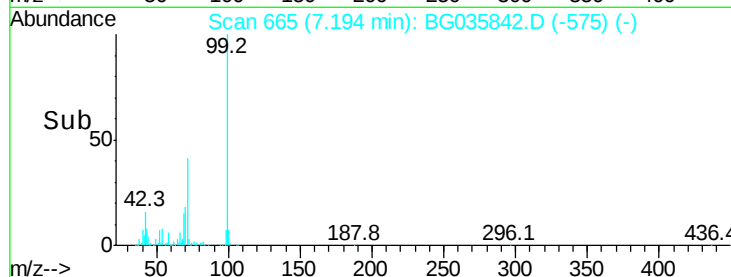
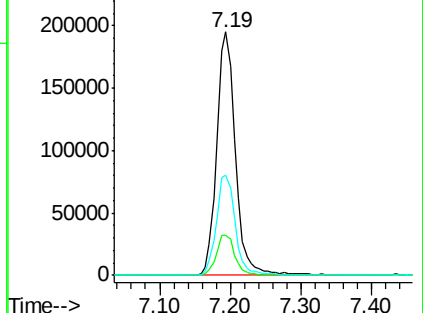
71 41.3 26.1 39.1#



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: 10.83 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BG035842.D

Acq: 24 Jul 2018 11:13

Tgt Ion: 136 Resp: 128079

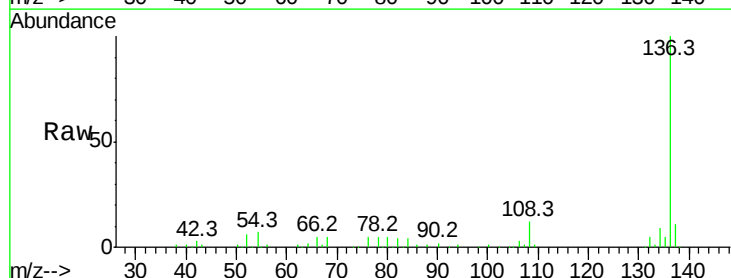
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 7.1 10.3 15.5#

68 4.8 4.5 6.7

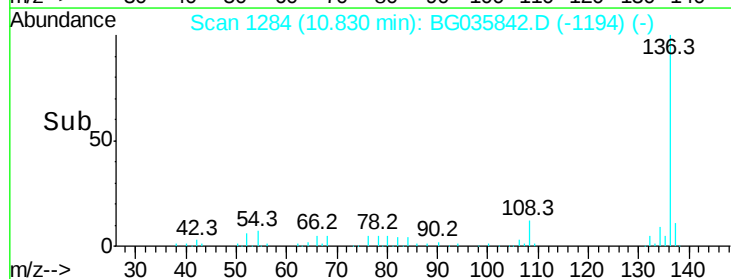
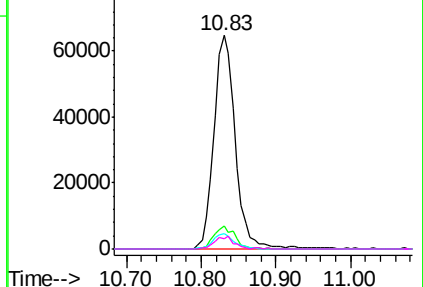


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

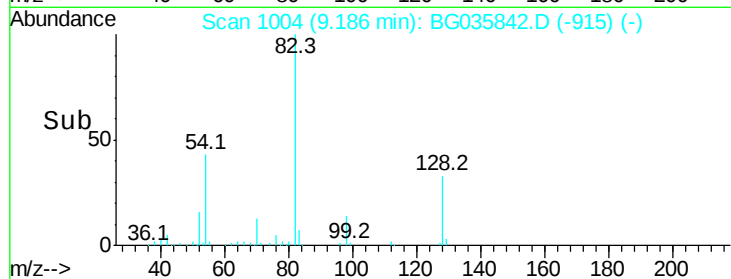
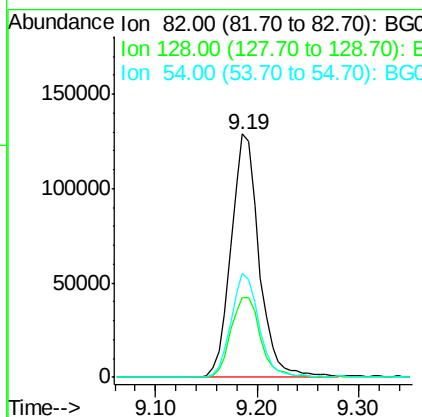
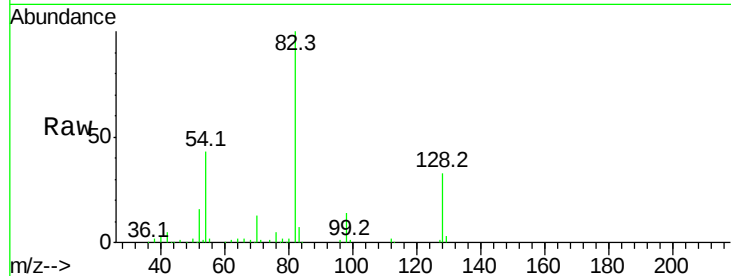




#23
Nitrobenzene-d5
Concen: 80.864 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG035842.D
Acq: 24 Jul 2018 11:13

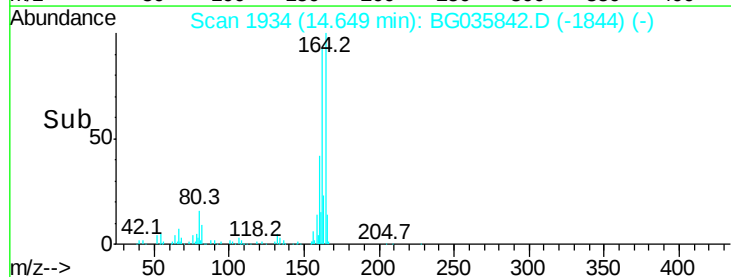
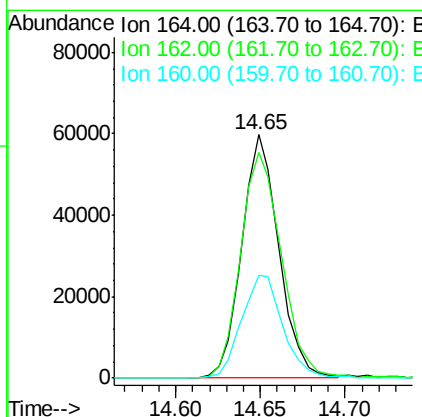
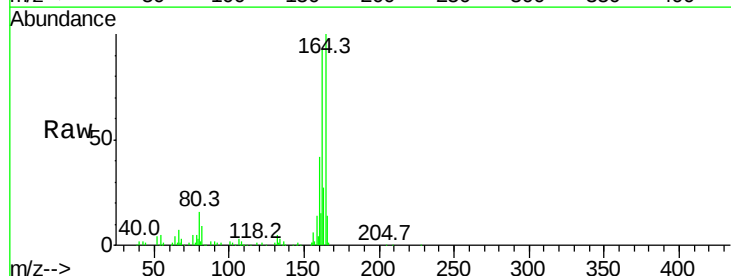
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 247925
Ion Ratio Lower Upper
82 100
128 32.7 29.7 44.5
54 42.9 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: BG035842.D
Acq: 24 Jul 2018 11:13

Tgt Ion:164 Resp: 90935
Ion Ratio Lower Upper
164 100
162 92.8 78.8 118.2
160 42.1 35.4 53.0

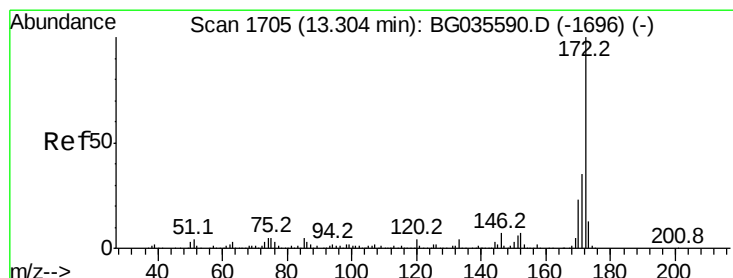
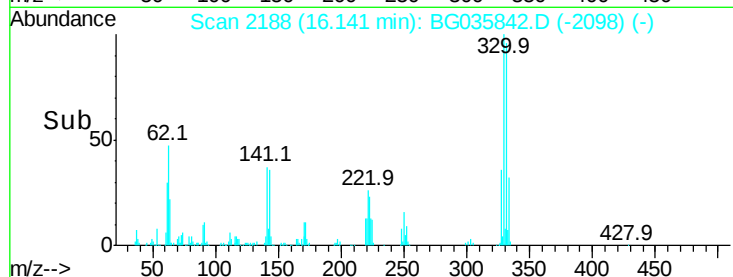
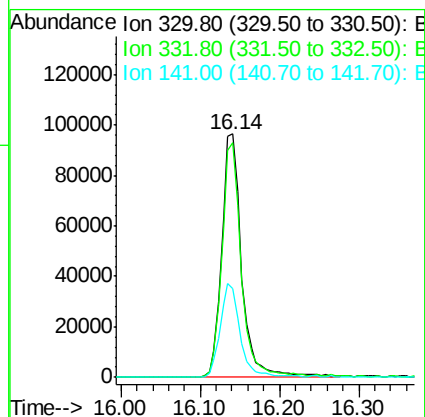
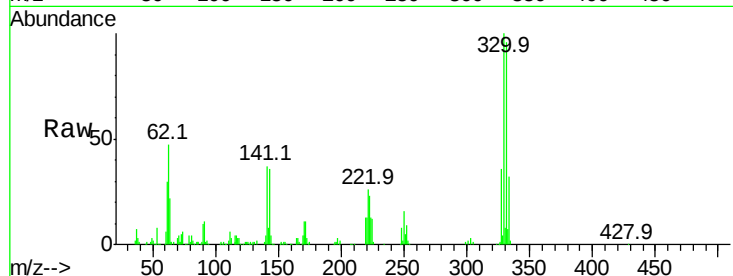




#41
2,4,6-Tribromophenol
Concen: 140.177 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG035842.D
Acq: 24 Jul 2018 11:13

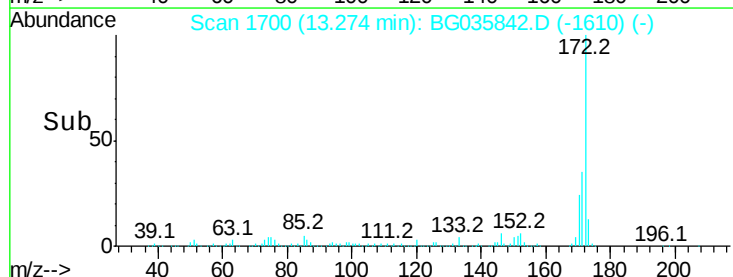
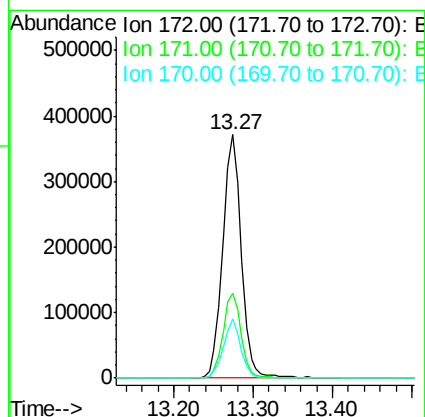
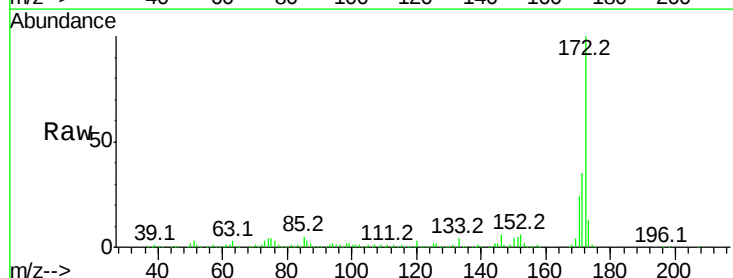
Instrument :
BNA_G
ClientSampleId :

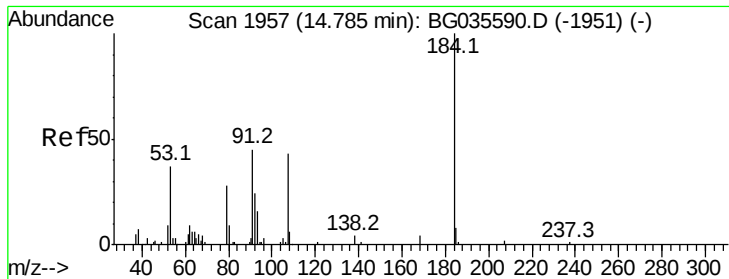
Tot Ion:330 Resp: 168014
Ion Ratio Lower Upper
330 100
332 93.8 77.0 115.6
141 38.1 25.2 37.8#



#44
2-Fluorobiphenyl
Concen: 88.895 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035842.D
Acq: 24 Jul 2018 11:13

Tgt Ion:172 Resp: 603376
Ion Ratio Lower Upper
172 100
171 34.6 30.0 45.0
170 24.2 19.5 29.3

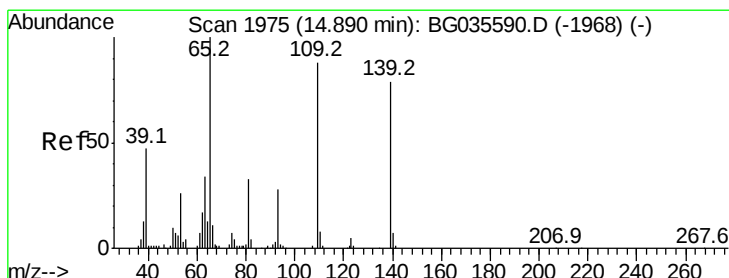
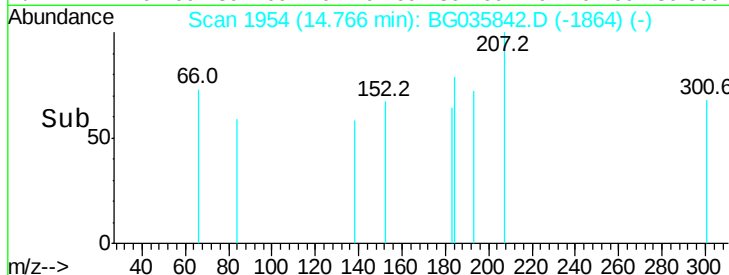
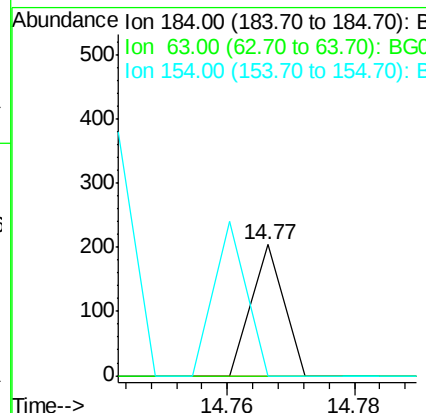
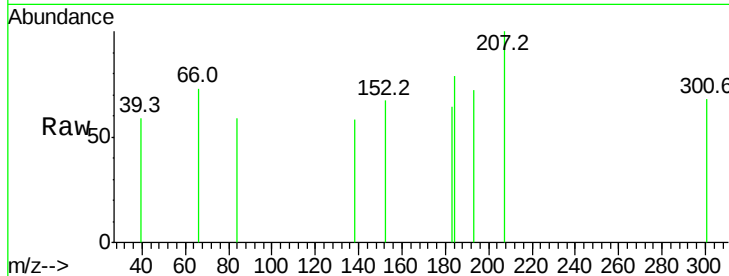




#53
2,4-Dinitrophenol
Concen: 6.661 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG035842.D
Acq: 24 Jul 2018 11:13

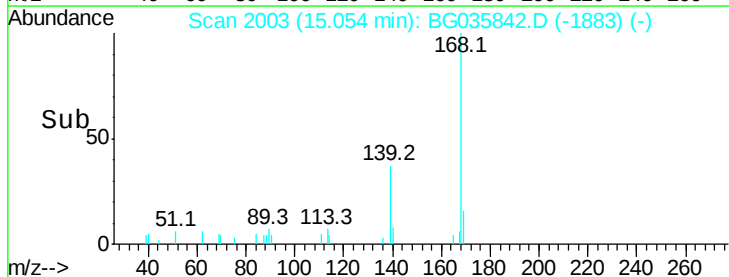
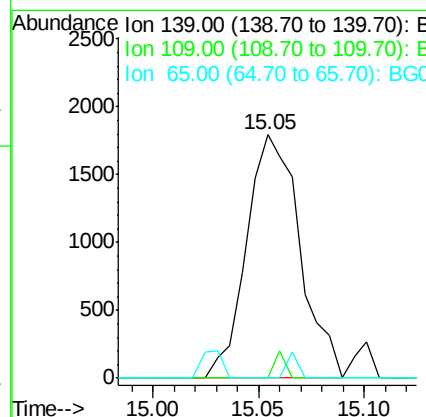
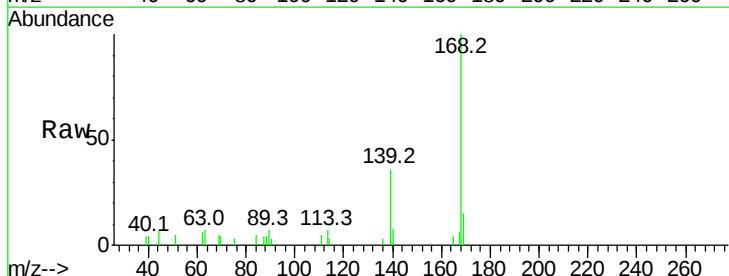
Instrument :
BNA_G
ClientSampled :

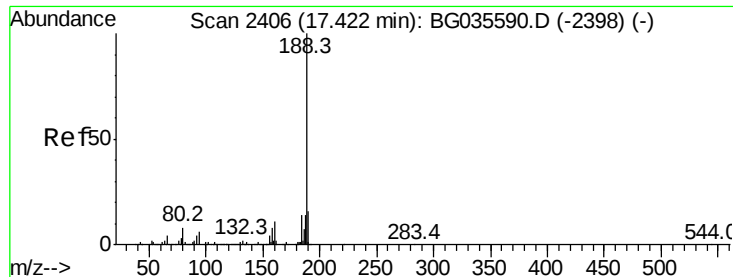
Tot Ion:184 Resp: 72
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



#55
4-Nitrophenol
Concen: 2.656 ng
RT: 15.05 min Scan# 2003
Delta R.T. 0.18 min
Lab File: BG035842.D
Acq: 24 Jul 2018 11:13

Tgt Ion:139 Resp: 3137
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035842.D

Acq: 24 Jul 2018 11:13

Instrument :

BNA_G

ClientSampleId :

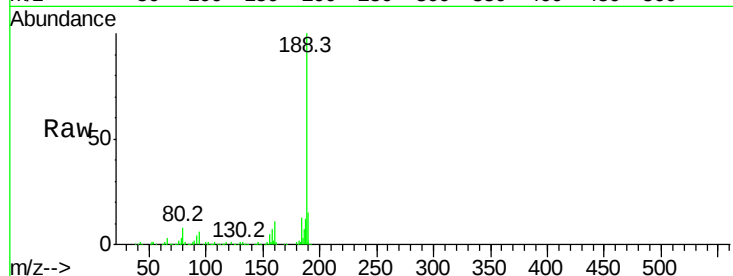
Tot Ion:188 Resp: 262282

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

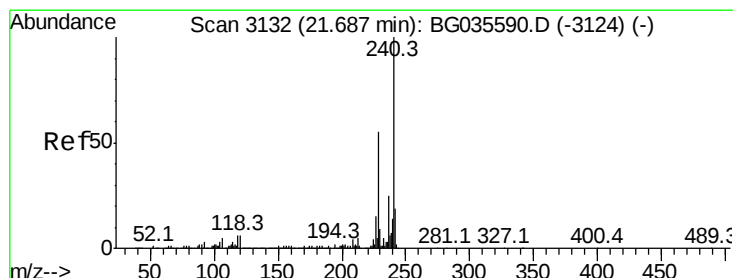
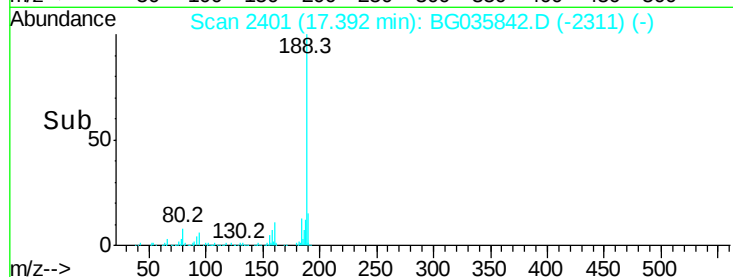
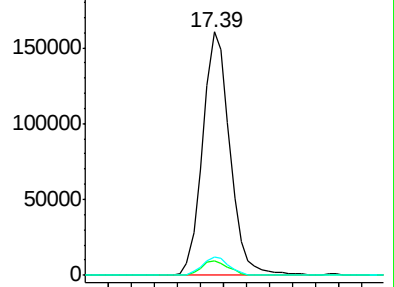
80 7.7 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035842.D

Acq: 24 Jul 2018 11:13

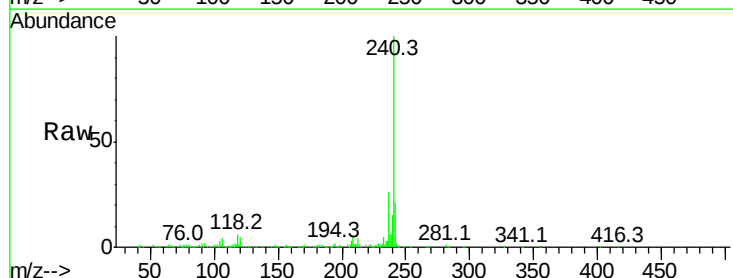
Tgt Ion:240 Resp: 305084

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

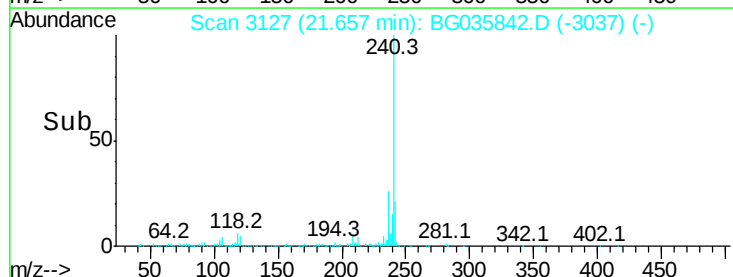
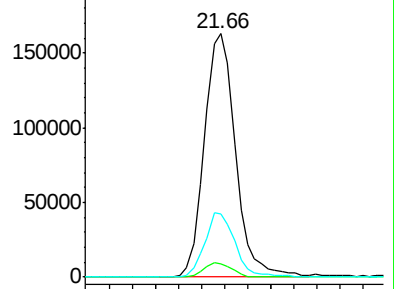
236 26.1 20.9 31.3

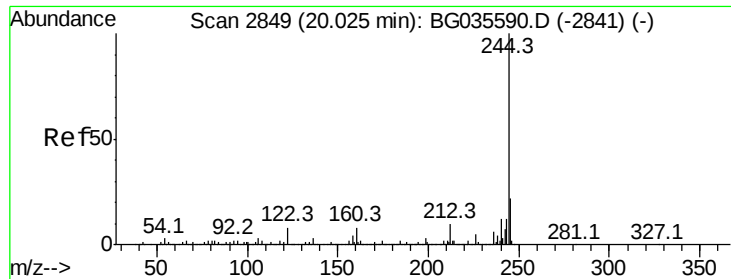


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

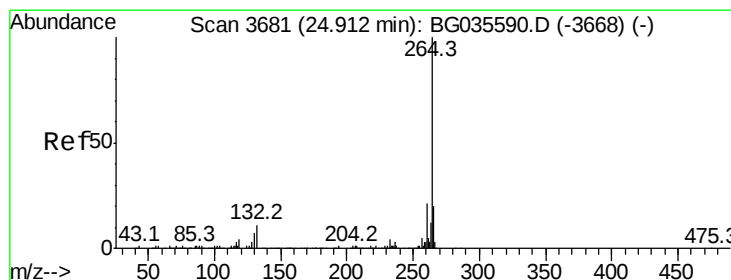
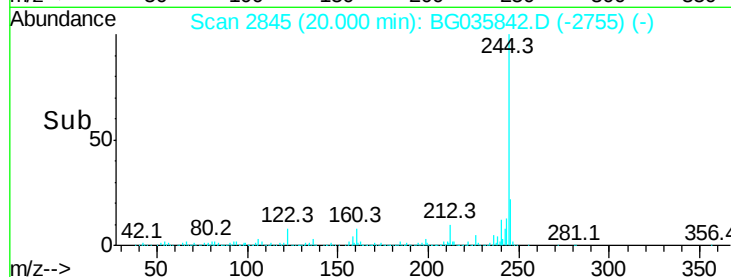
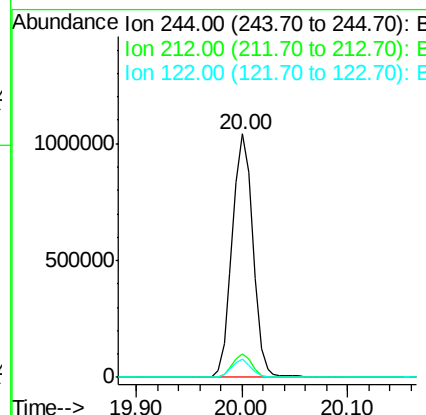
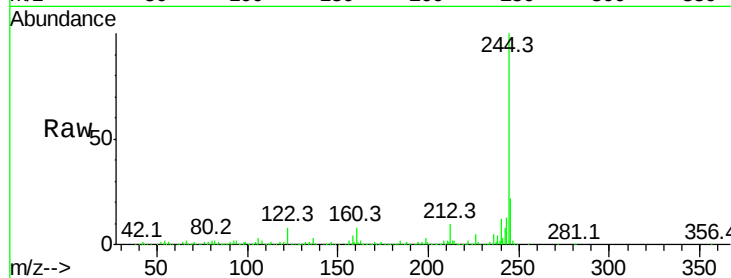




#78
 Terphenyl-d14
 Concen: 102.530 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BG035842.D
 Acq: 24 Jul 2018 11:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1419051
 Ion Ratio Lower Upper
 244 100
 212 9.6 5.8 8.8#
 122 7.6 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3671
 Delta R.T. -0.01 min
 Lab File: BG035842.D
 Acq: 24 Jul 2018 11:13

Tgt Ion:264 Resp: 277769
 Ion Ratio Lower Upper
 264 100
 260 22.0 17.4 26.0
 265 21.6 17.7 26.5

