

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071718\
 Data File : BG035709.D
 Acq On : 18 Jul 2018 9:04
 Operator : JU/SJ
 Sample : J3990-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 071218-TIPC-F-U-B

Quant Time: Jul 18 10:54:16 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

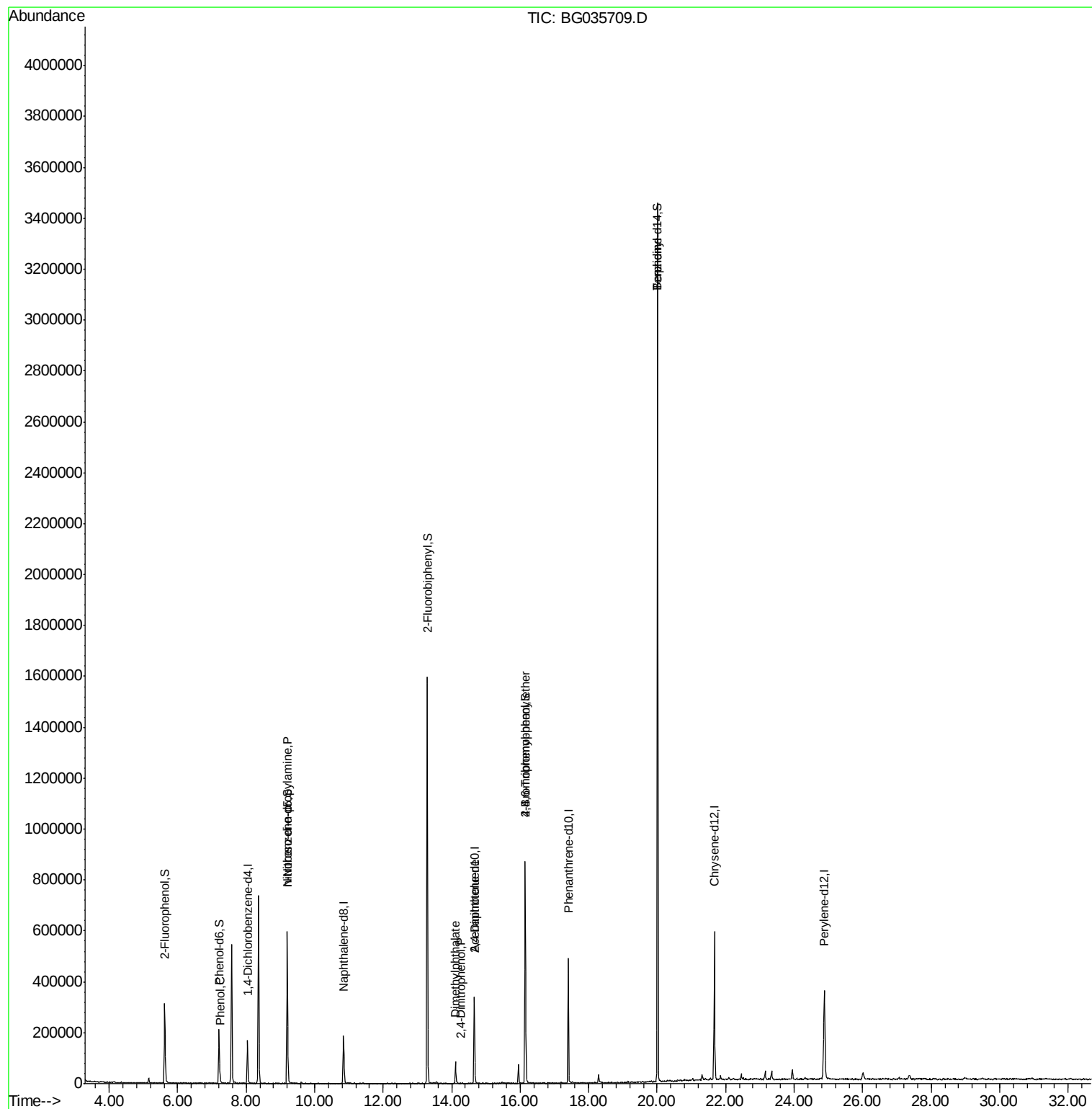
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	47734	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	165225	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	110429	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	308177	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	385739	20.00	ng	-0.02
86) Perylene-d12	24.88	264	368142	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	144421	50.23	ng	-0.01
7) Phenol-d6	7.21	99	136439	31.81	ng	-0.01
23) Nitrobenzene-d5	9.20	82	410327	103.75	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	158533	108.92	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	904264	109.71	ng	-0.02
78) Terphenyl-d14	20.01	244	1596979	91.26	ng	-0.01
Target Compounds						
10) Phenol	7.24	94	9527	2.198	ng	90
19) n-Nitroso-di-n-propylamine	9.20	70	55806	15.449	ng	# 71
49) Dimethylphthalate	14.11	163	61287	6.334	ng	98
53) 2,4-Dinitrophenol	14.27	184	66	6.642	ng	# 1
56) 2,4-Dinitrotoluene	14.66	165	14858	5.257	ng	# 19
66) 4-Bromophenyl-phenylether	16.15	248	13250	3.706	ng	# 1
76) Benzidine	20.01	184	28254	2.786	ng	95

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

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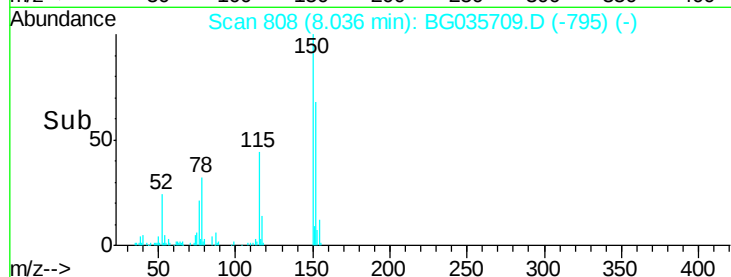
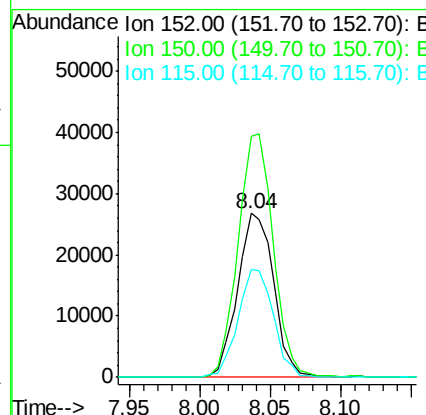
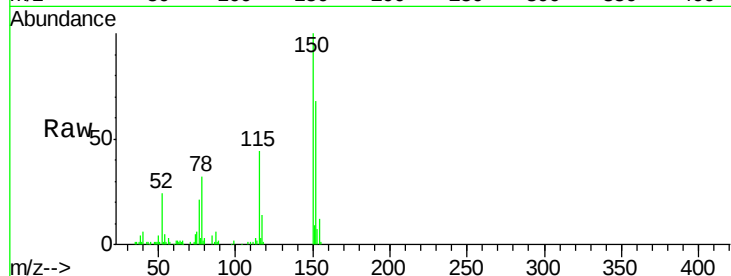


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.02 min
Lab File: BG035709.D
Acq: 18 Jul 2018 9:04

Instrument :
BNA_G
ClientSampleId :
071218-TIPC-F-U-B

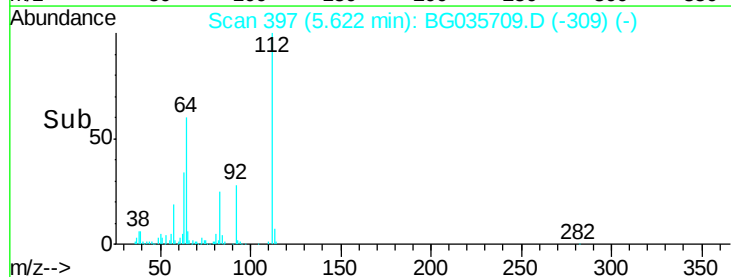
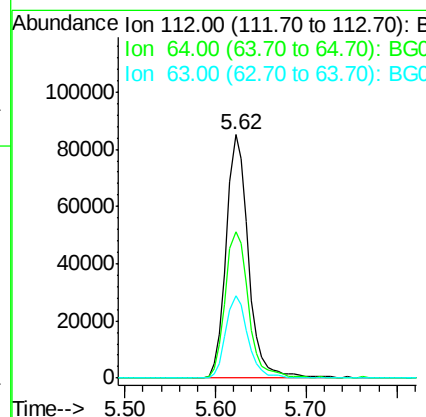
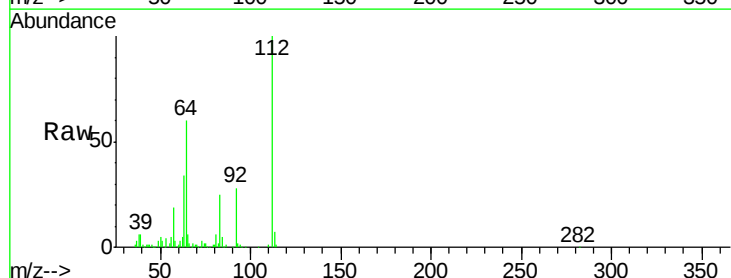
Tgt Ion:152 Resp: 47734
Ion Ratio Lower Upper
152 100
150 147.4 126.6 189.8
115 65.6 53.0 79.4

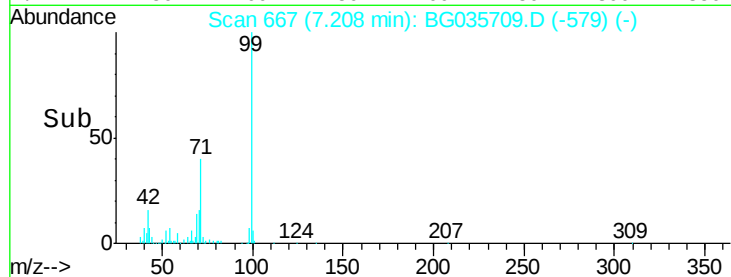
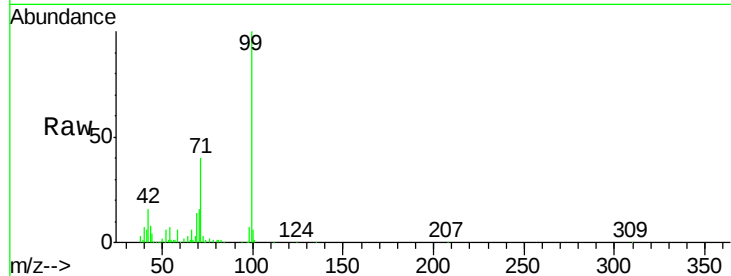


#5

2-Fluorophenol
Concen: 50.231 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG035709.D
Acq: 18 Jul 2018 9:04

Tgt Ion:112 Resp: 144421
Ion Ratio Lower Upper
112 100
64 60.1 56.3 84.5
63 34.0 30.1 45.1





#7

Phenol-d6

Concen: 31.806 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG035709.D

Acq: 18 Jul 2018 9:04

Instrument :

BNA_G

ClientSampleId :

071218-TIPC-F-U-B

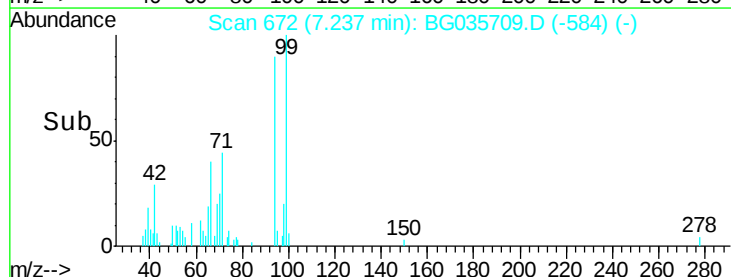
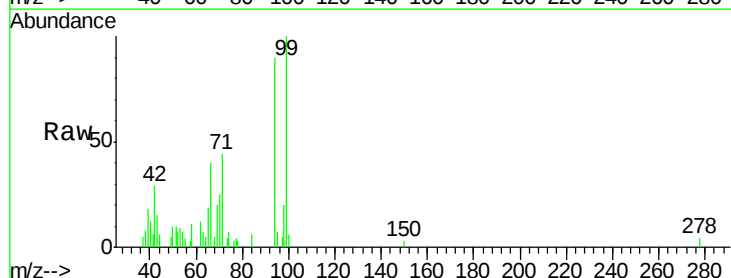
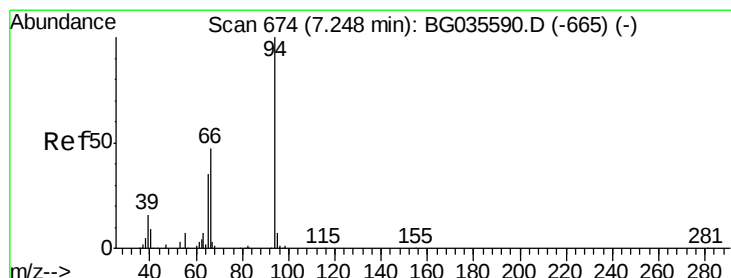
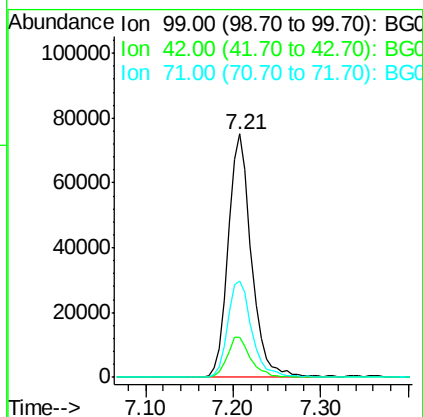
Tgt Ion: 99 Resp: 136439

Ion Ratio Lower Upper

99 100

42 16.5 14.1 21.1

71 39.8 26.1 39.1#



#10

Phenol

Concen: 2.198 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG035709.D

Acq: 18 Jul 2018 9:04

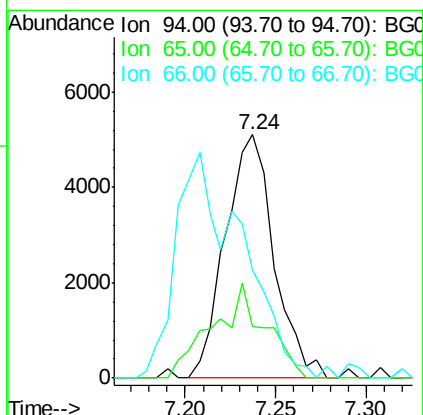
Tgt Ion: 94 Resp: 9527

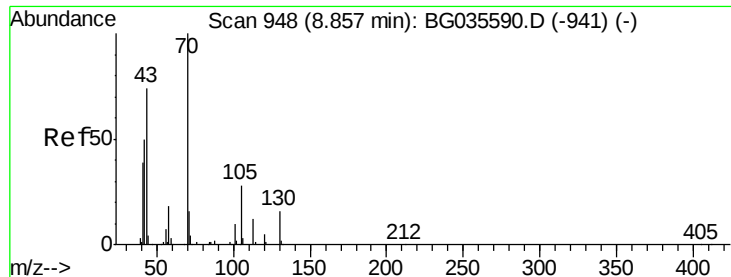
Ion Ratio Lower Upper

94 100

65 21.4 11.9 51.9

66 44.2 22.2 62.2

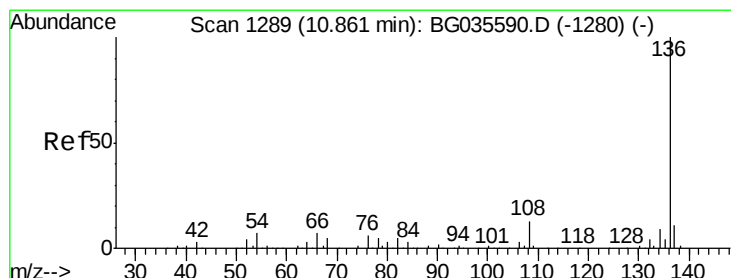
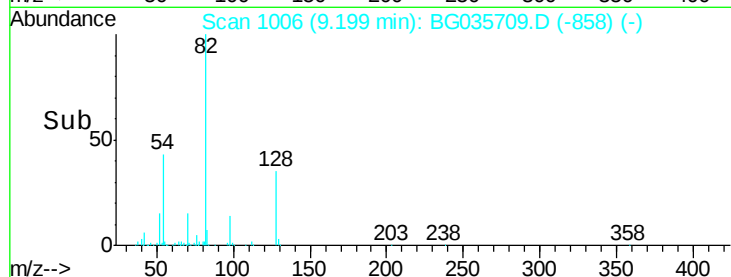
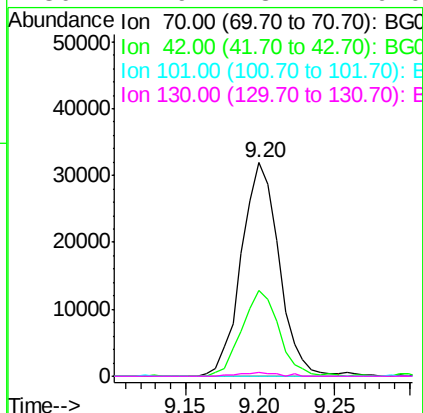
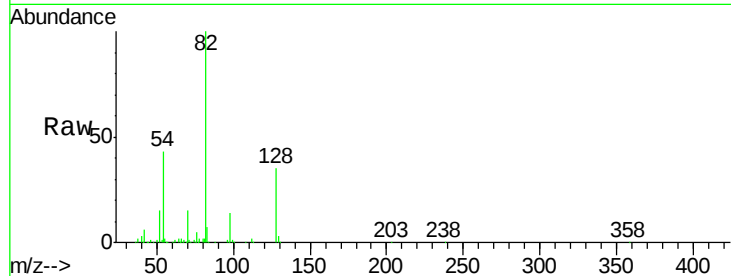




#19
n-Nitroso-di-n-propylamine
Concen: 15.449 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.34 min
Lab File: BG035709.D
Acq: 18 Jul 2018 9:04

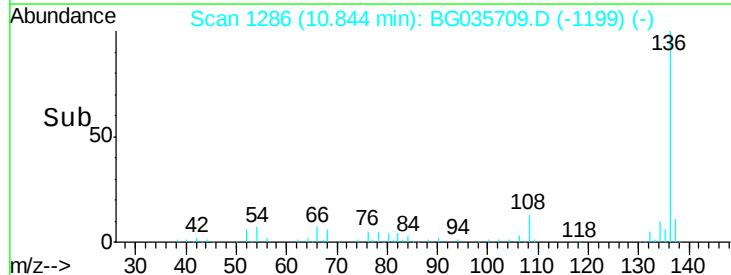
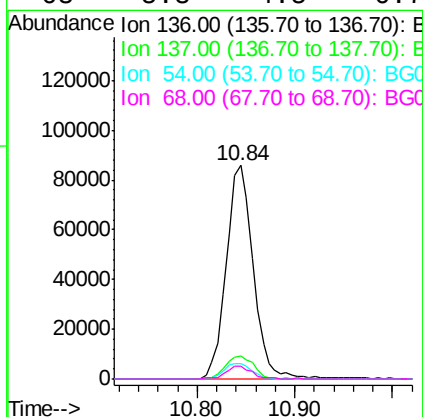
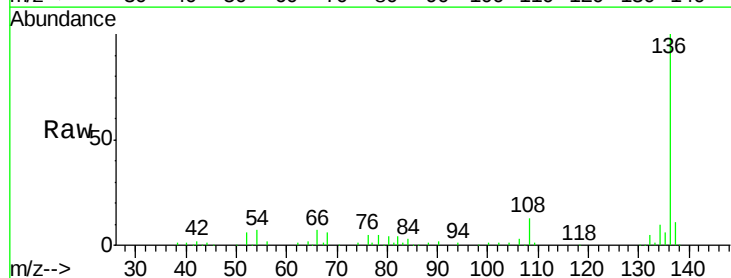
Instrument :
BNA_G
ClientSampleId :
071218-TIPC-F-U-B

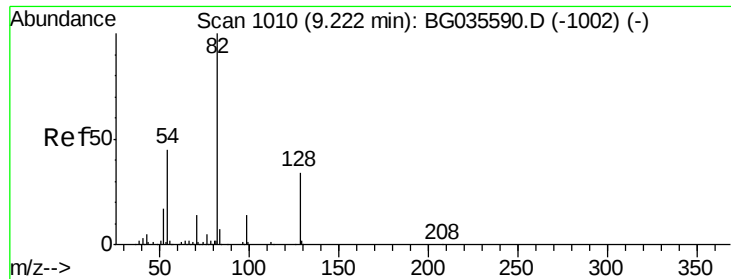
Tgt Ion: 70 Resp: 55806
Ion Ratio Lower Upper
70 100
42 40.3 49.1 73.7#
101 0.0 8.5 12.7#
130 1.9 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BG035709.D
Acq: 18 Jul 2018 9:04

Tgt Ion: 136 Resp: 165225
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.3 10.3 15.5#
68 5.8 4.5 6.7

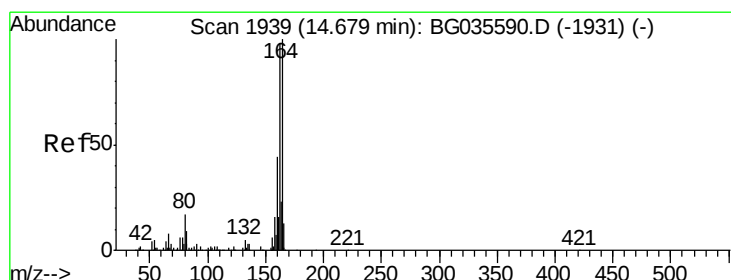
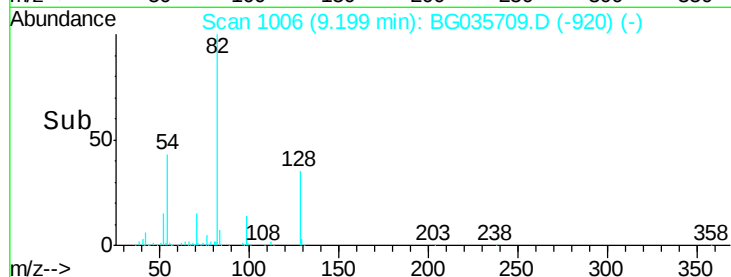
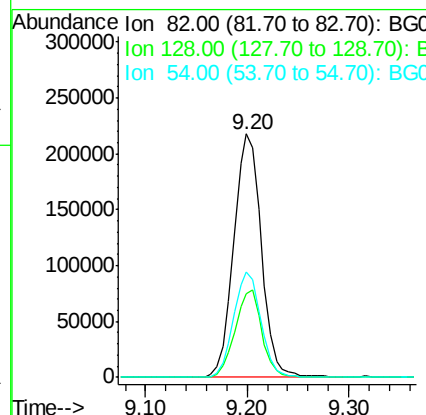
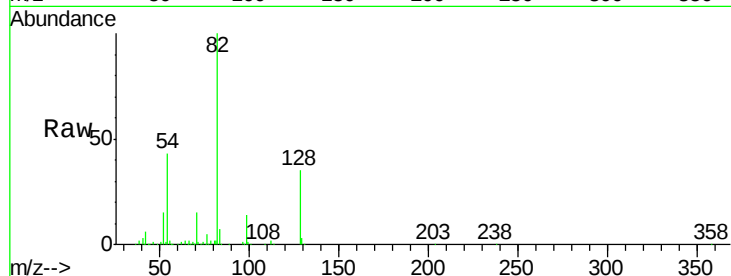




#23
 Nitrobenzene-d5
 Concen: 103.745 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.02 min
 Lab File: BG035709.D
 Acq: 18 Jul 2018 9:04

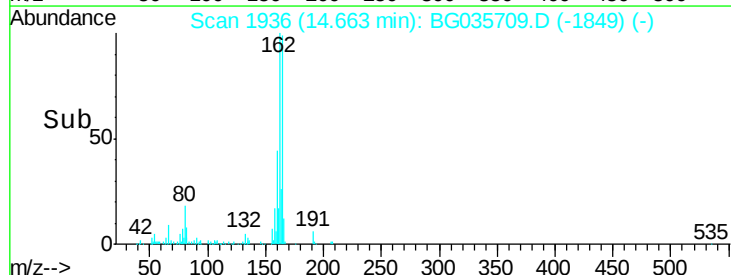
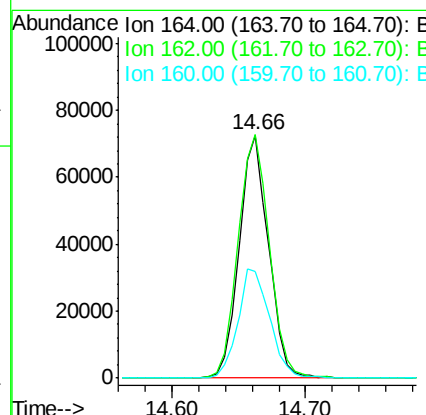
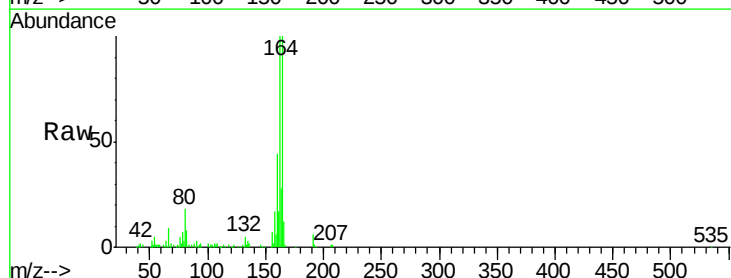
Instrument :
 BNA_G
 ClientSampleId :
 071218-TIPC-F-U-B

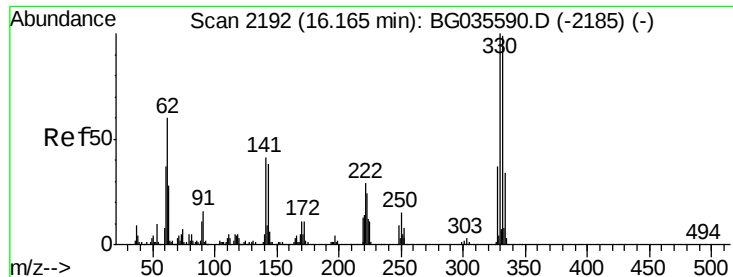
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.5	29.7	44.5
54	43.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.02 min
 Lab File: BG035709.D
 Acq: 18 Jul 2018 9:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	78.8	118.2
160	44.1	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 108.918 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BG035709.D

Acq: 18 Jul 2018 9:04

Instrument :

BNA_G

ClientSampleId :

071218-TIPC-F-U-B

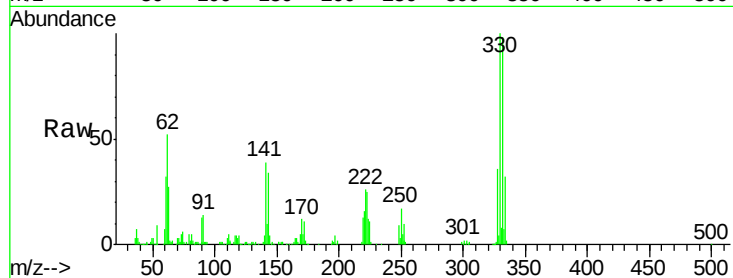
Tgt Ion:330 Resp: 158533

Ion Ratio Lower Upper

330 100

332 98.5 77.0 115.6

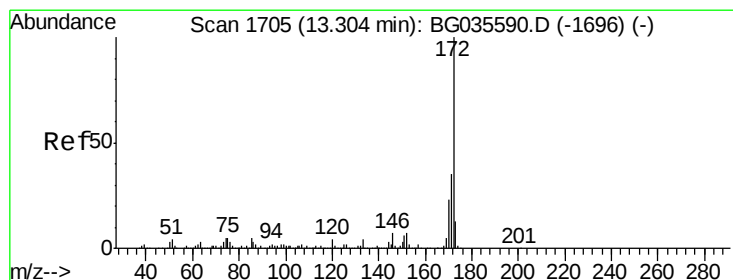
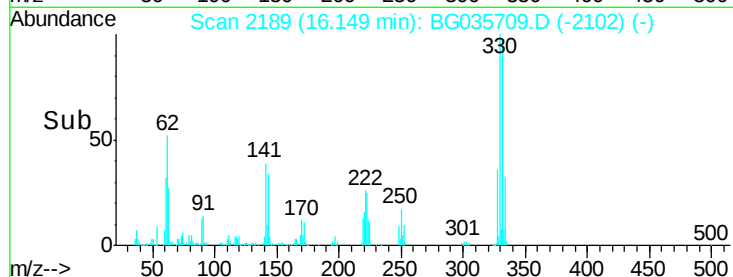
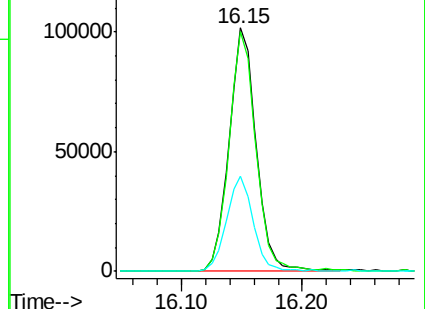
141 38.6 25.2 37.8#



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: 109.707 ng

RT: 13.29 min Scan# 1702

Delta R.T. -0.02 min

Lab File: BG035709.D

Acq: 18 Jul 2018 9:04

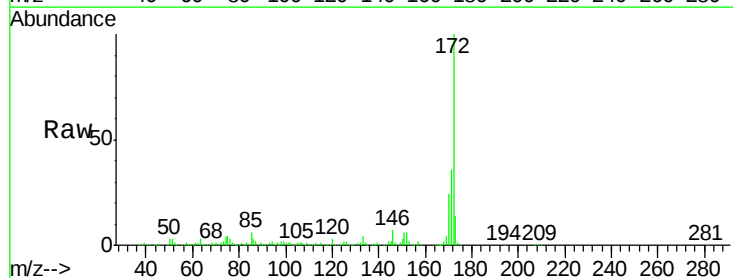
Tgt Ion:172 Resp: 904264

Ion Ratio Lower Upper

172 100

171 36.5 30.0 45.0

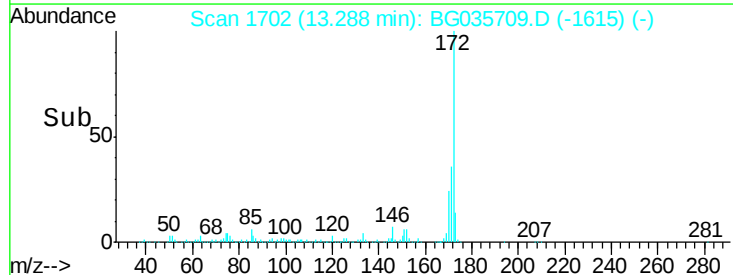
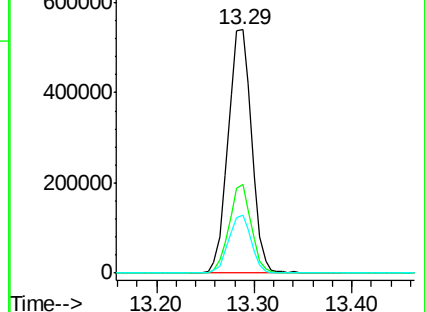
170 23.9 19.5 29.3

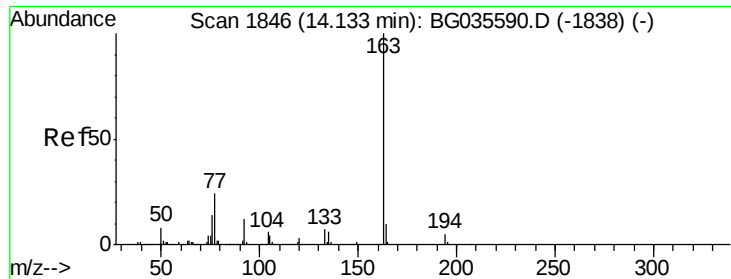


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

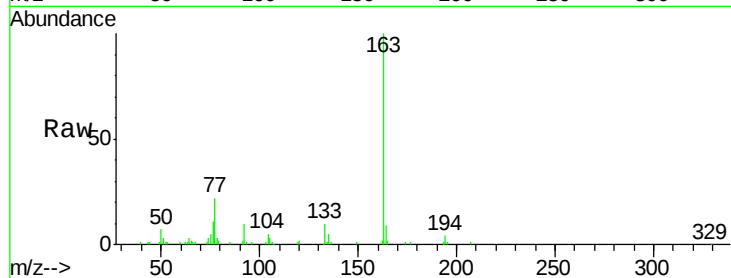




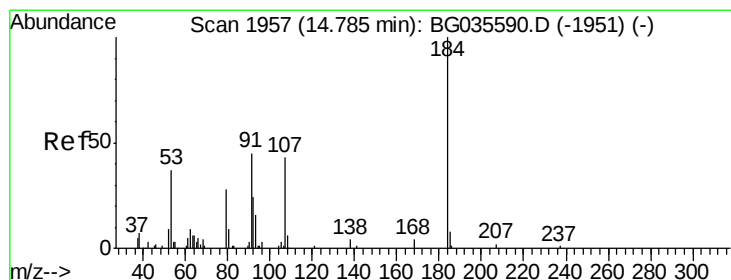
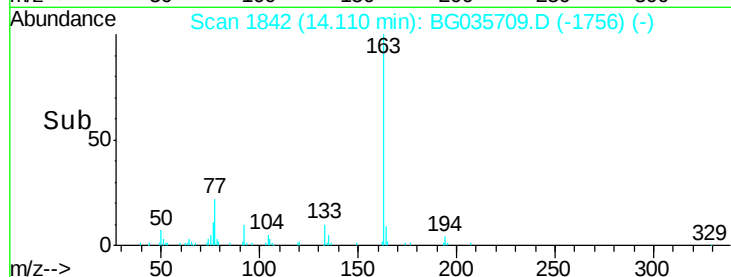
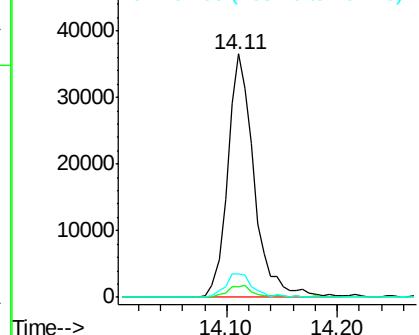
#49
Dimethylphthalate
Concen: 6.334 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BG035709.D
Acq: 18 Jul 2018 9:04

Instrument :
BNA_G
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071218-TIPC-F-U-B

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.5	8.2	12.4

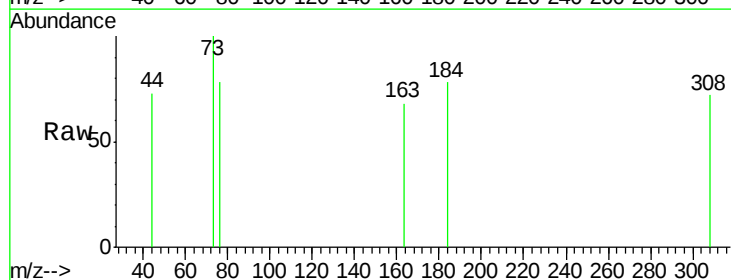


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

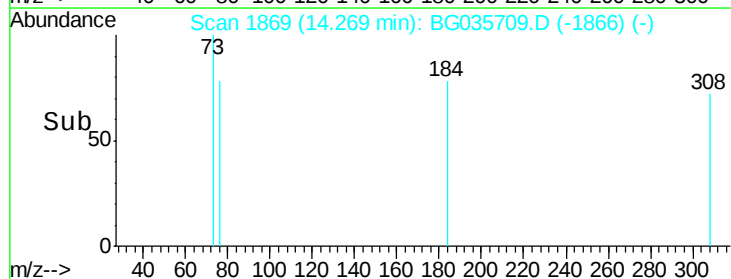
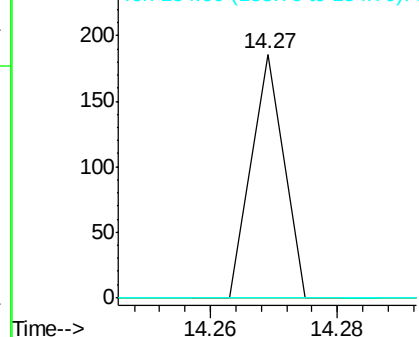


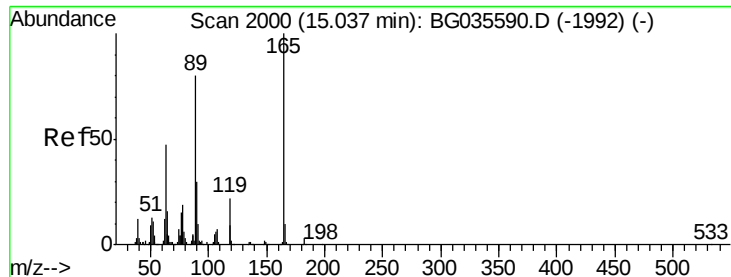
#53
2,4-Dinitrophenol
Concen: 6.642 ng
RT: 14.27 min Scan# 1869
Delta R.T. -0.52 min
Lab File: BG035709.D
Acq: 18 Jul 2018 9:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

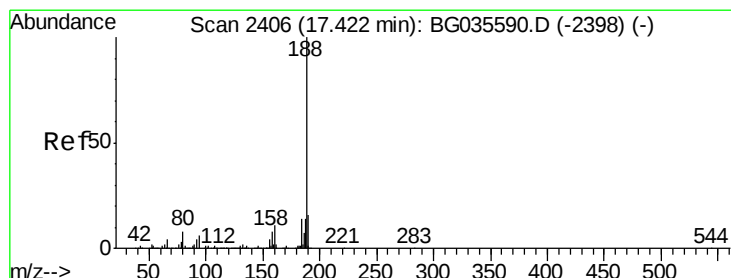
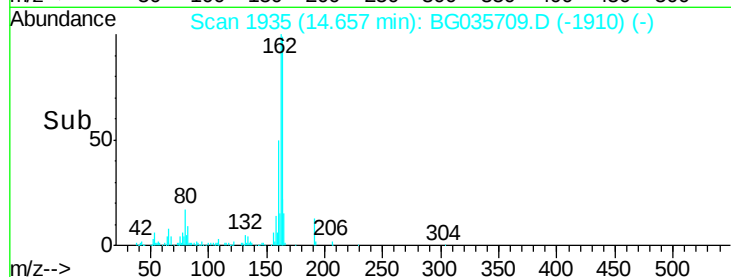
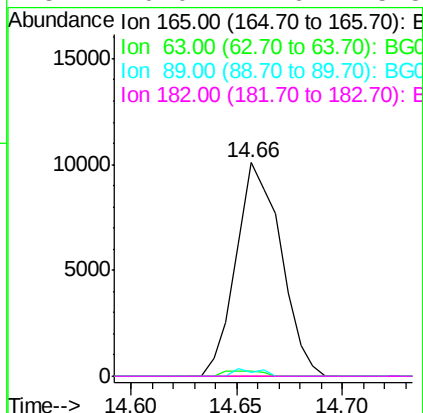
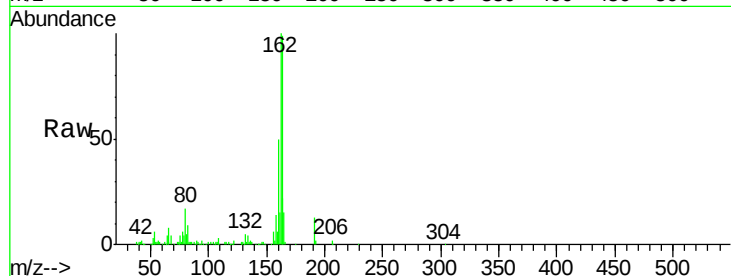




#56
 2,4-Dinitrotoluene
 Concen: 5.257 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.38 min
 Lab File: BG035709.D
 Acq: 18 Jul 2018 9:04

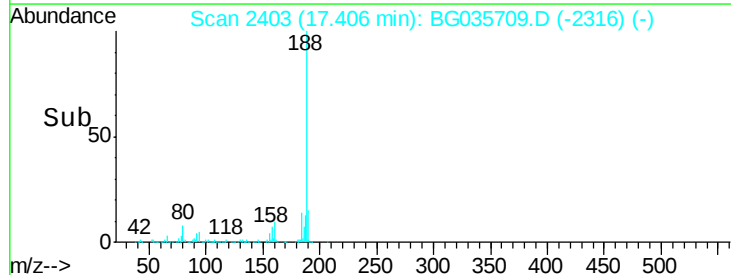
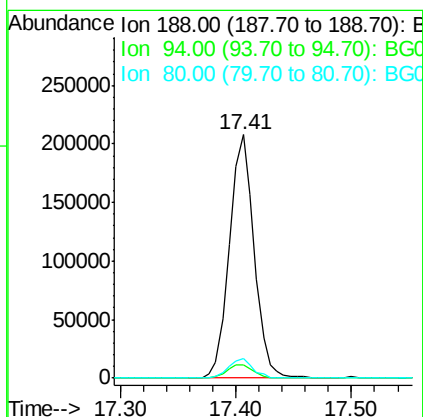
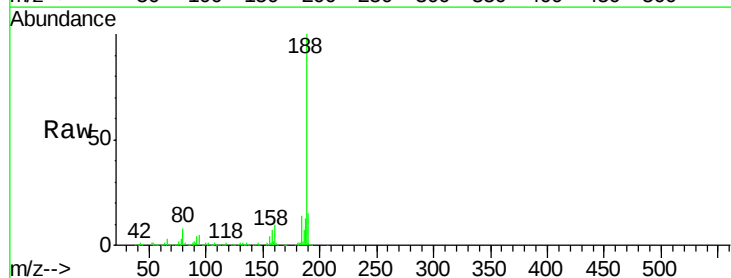
Instrument :
 BNA_G
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 071218-TIPC-F-U-B

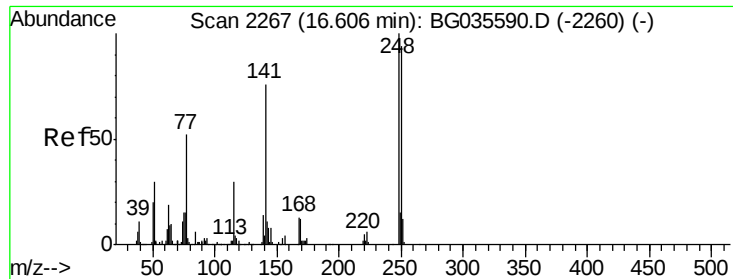
Tgt Ion:165 Resp: 14858
 Ion Ratio Lower Upper
 165 100
 63 2.6 42.0 63.0#
 89 1.7 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2403
 Delta R.T. -0.02 min
 Lab File: BG035709.D
 Acq: 18 Jul 2018 9:04

Tgt Ion:188 Resp: 308177
 Ion Ratio Lower Upper
 188 100
 94 5.5 6.9 10.3#
 80 8.1 7.7 11.5

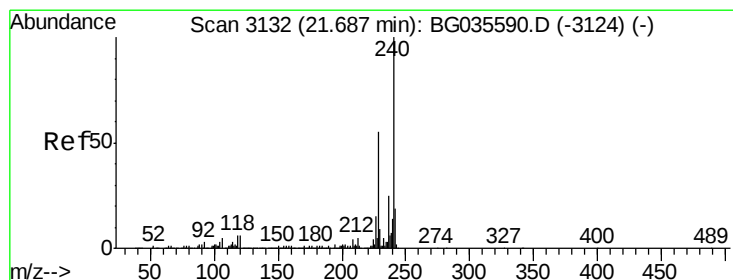
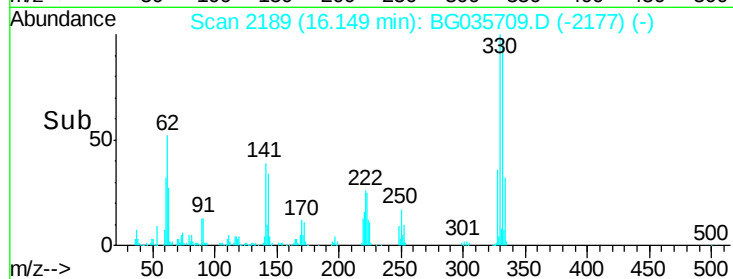
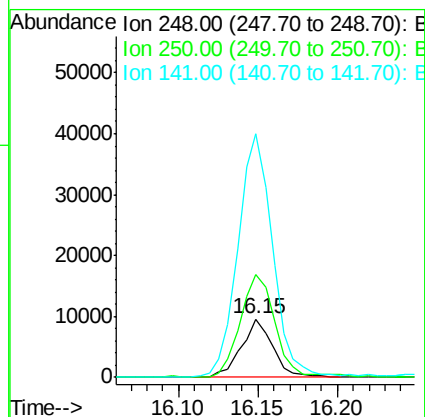
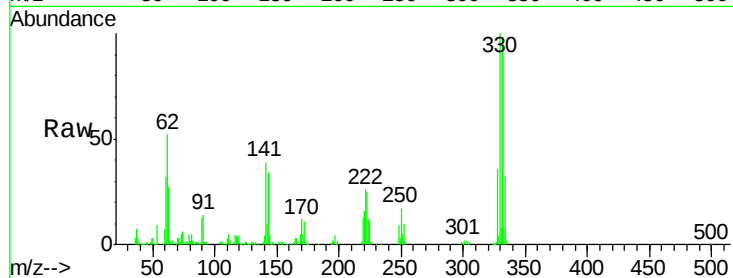




#66
 4-Bromophenyl-phenylether
 Concen: 3.706 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.46 min
 Lab File: BG035709.D
 Acq: 18 Jul 2018 9:04

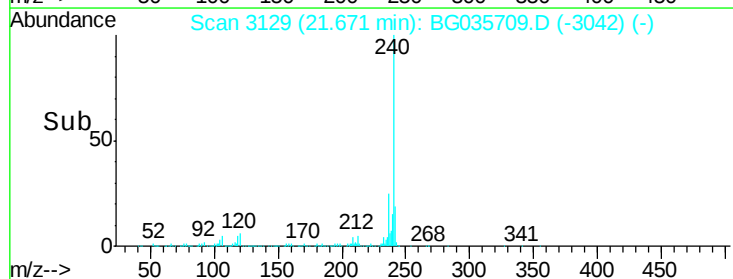
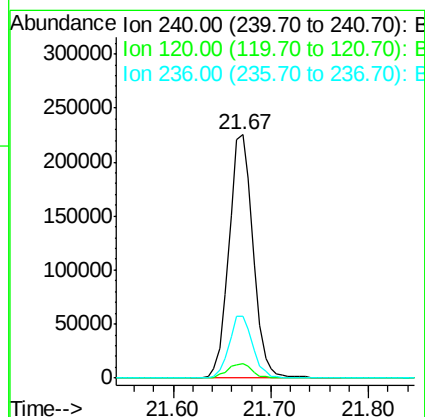
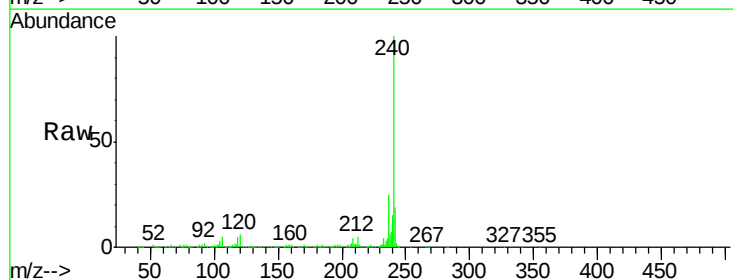
Instrument :
 BNA_G
 ClientSampleId :
 071218-TIPC-F-U-B

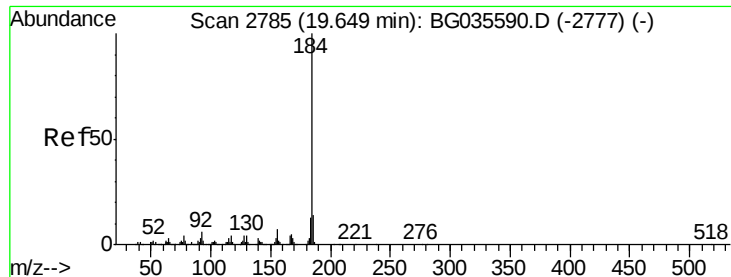
Tgt Ion:248 Resp: 13250
 Ion Ratio Lower Upper
 248 100
 250 174.8 77.1 115.7#
 141 415.6 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. -0.02 min
 Lab File: BG035709.D
 Acq: 18 Jul 2018 9:04

Tgt Ion:240 Resp: 385739
 Ion Ratio Lower Upper
 240 100
 120 5.8 6.8 10.2#
 236 25.2 20.9 31.3





#76

Benzidine

Concen: 2.786 ng

RT: 20.01 min Scan# 2847

Delta R.T. 0.37 min

Lab File: BG035709.D

Acq: 18 Jul 2018 9:04

Instrument :

BNA_G

ClientSampleId :

071218-TIPC-F-U-B

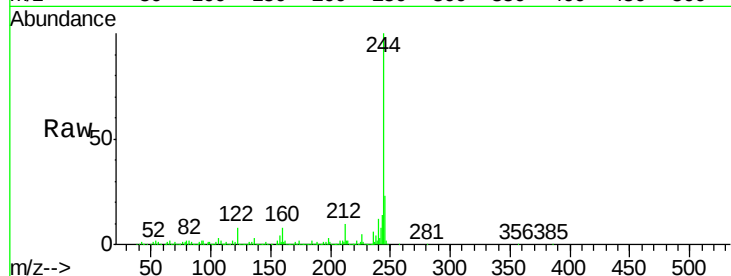
Tgt Ion:184 Resp: 28254

Ion Ratio Lower Upper

184 100

185 15.6 11.1 16.7

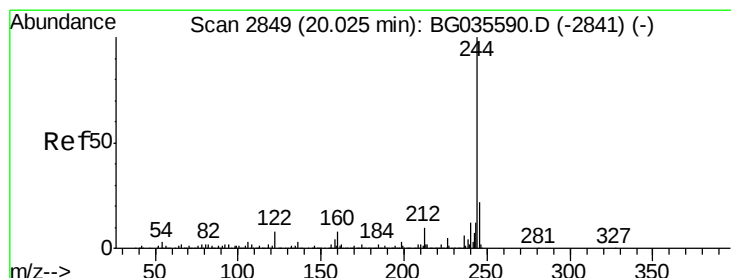
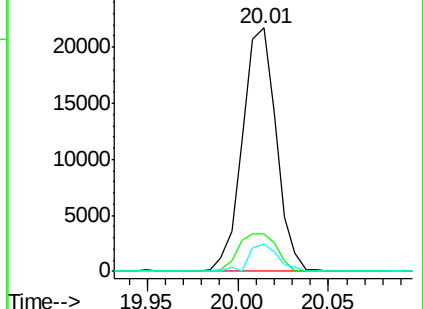
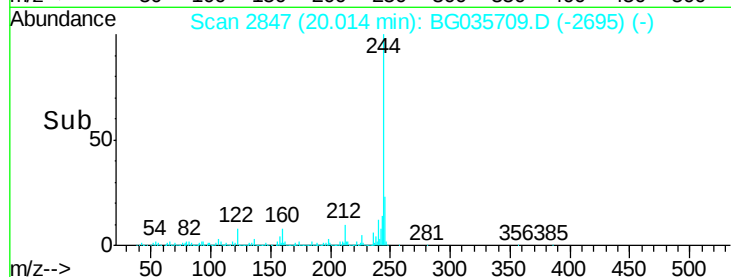
183 11.0 10.6 16.0



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: 91.259 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG035709.D

Acq: 18 Jul 2018 9:04

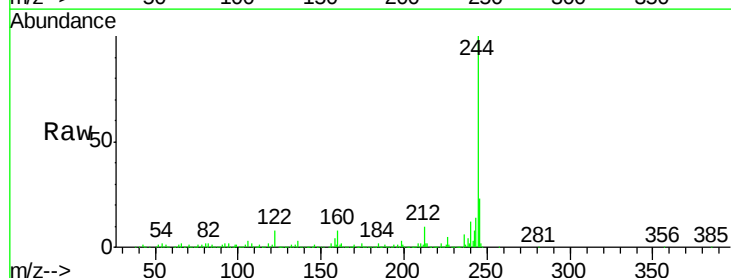
Tgt Ion:244 Resp: 1596979

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

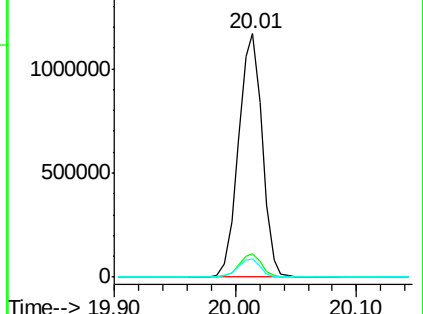
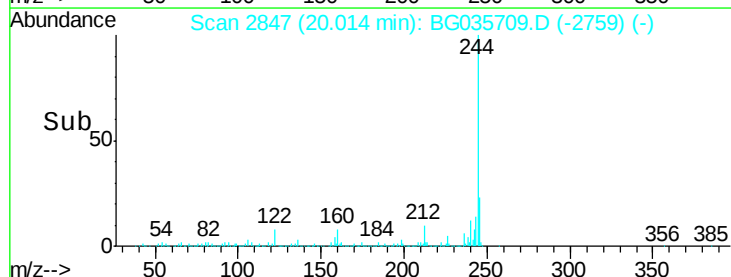
122 7.6 7.0 10.4

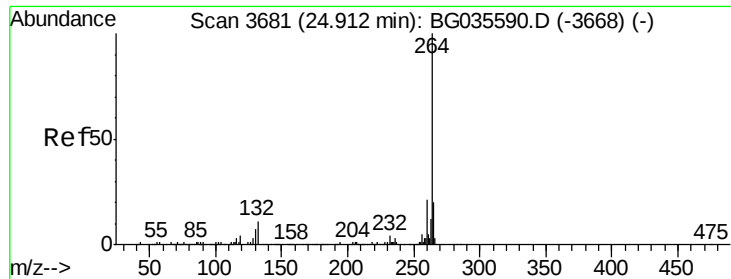


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

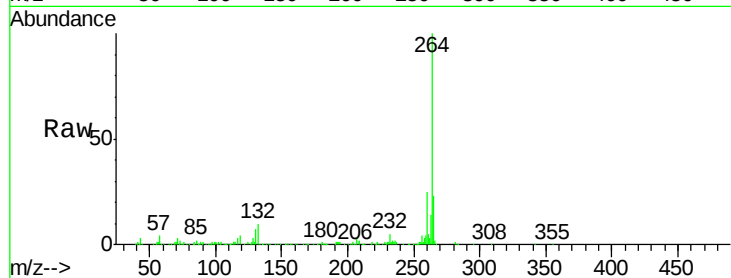




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.03 min
Lab File: BG035709.D
Acq: 18 Jul 2018 9:04

Instrument :
BNA_G
ClientSampleId :
071218-TIPC-F-U-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	22.5	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

