

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071718\
 Data File : BG035707.D
 Acq On : 18 Jul 2018 7:43
 Operator : JU/SJ
 Sample : J3990-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Jul 18 08:23:12 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

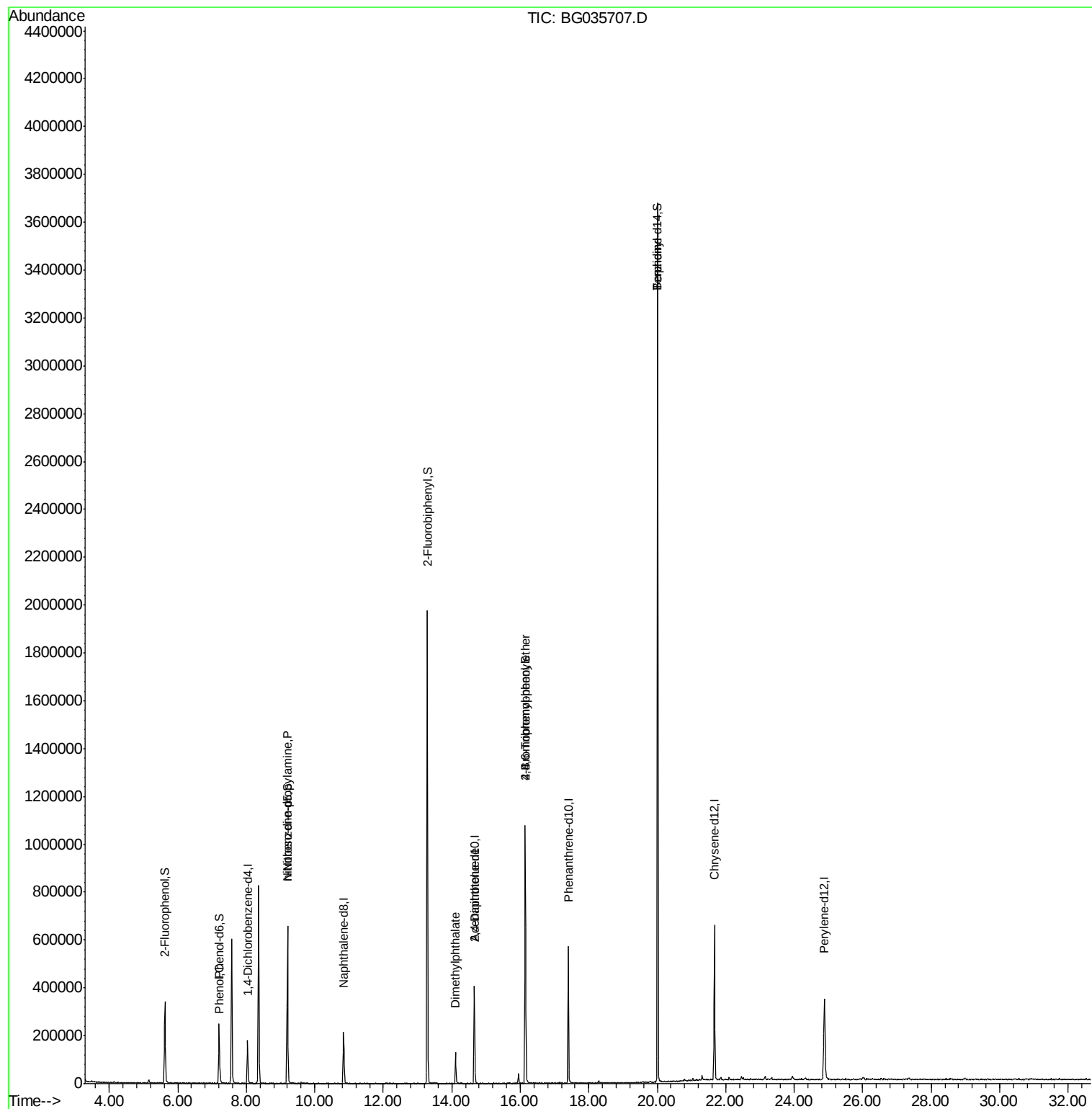
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	51553	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	189544	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	134056	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	366641	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	404057	20.00	ng	-0.02
86) Perylene-d12	24.88	264	383884	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	163459	52.64	ng	0.00
7) Phenol-d6	7.21	99	150980	32.59	ng	-0.01
23) Nitrobenzene-d5	9.20	82	456420	100.59	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	197150	111.58	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	1041648	104.10	ng	-0.02
78) Terphenyl-d14	20.01	244	1733086	94.55	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	15327	3.275	ng	90
19) n-Nitroso-di-n-propylamine	9.20	70	63694	16.326	ng	# 62
49) Dimethylphthalate	14.11	163	93878	7.993	ng	# 96
56) 2,4-Dinitrotoluene	14.66	165	17041	4.966	ng	# 18
66) 4-Bromophenyl-phenylether	16.15	248	16202	3.809	ng	# 1
76) Benzidine	20.01	184	31415	2.957	ng	# 89

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

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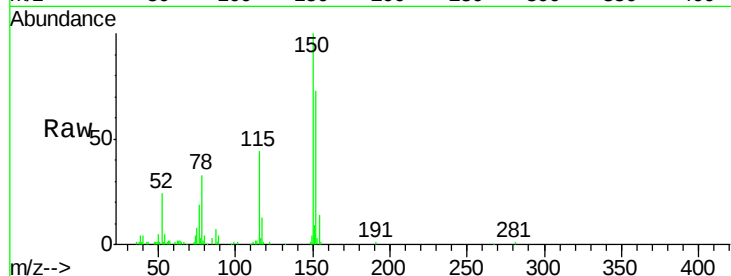


#1

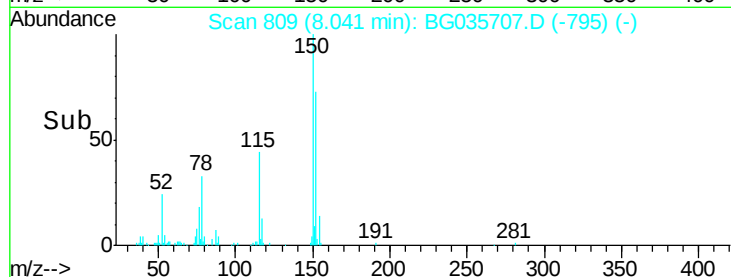
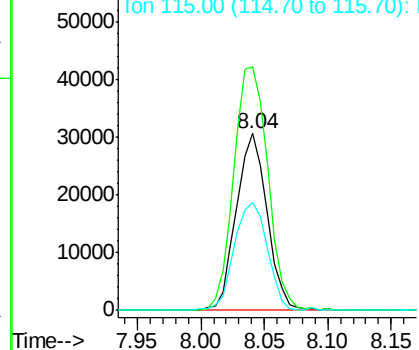
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG035707.D
Acq: 18 Jul 2018 7:43

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

Tgt Ion:152 Resp: 51553
Ion Ratio Lower Upper
152 100
150 137.6 126.6 189.8
115 61.1 53.0 79.4



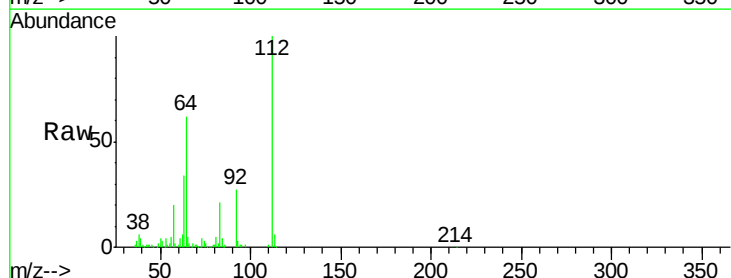
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



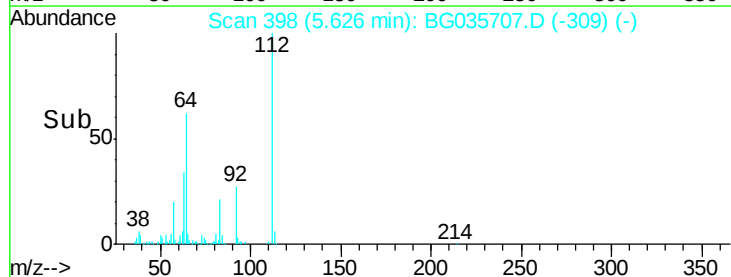
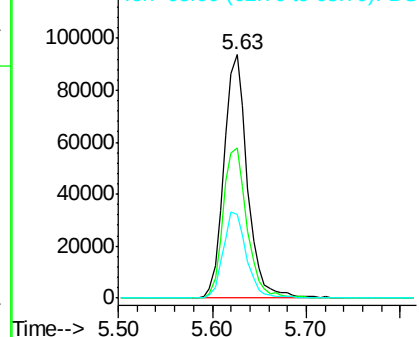
#5

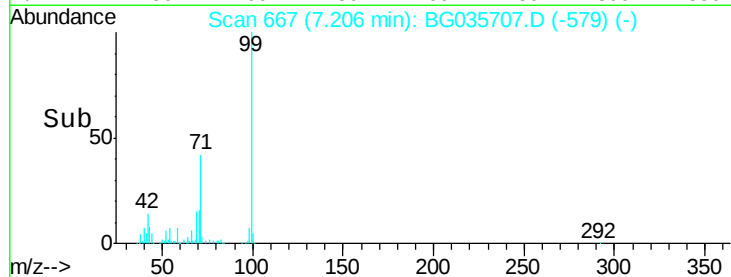
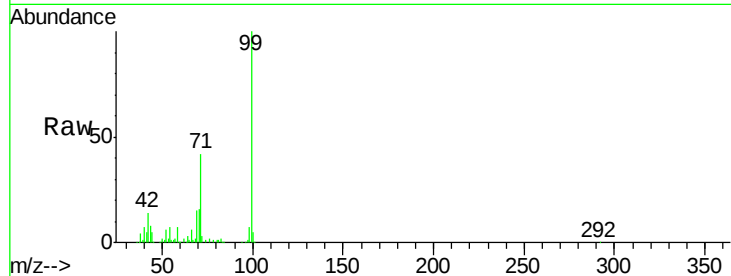
2-Fluorophenol
Concen: 52.641 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG035707.D
Acq: 18 Jul 2018 7:43

Tgt Ion:112 Resp: 163459
Ion Ratio Lower Upper
112 100
64 61.7 56.3 84.5
63 34.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 32.589 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG035707.D

Acq: 18 Jul 2018 7:43

Instrument :

BNA_G

ClientSampleId :

071218-TIPC-F-D-B

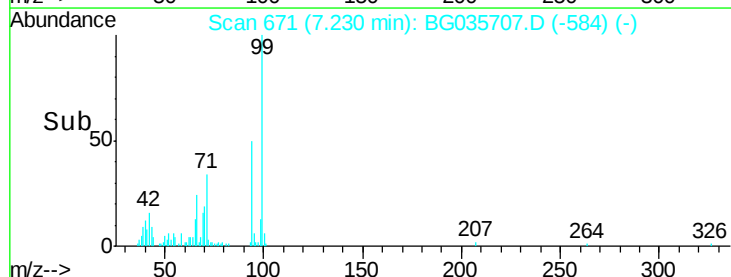
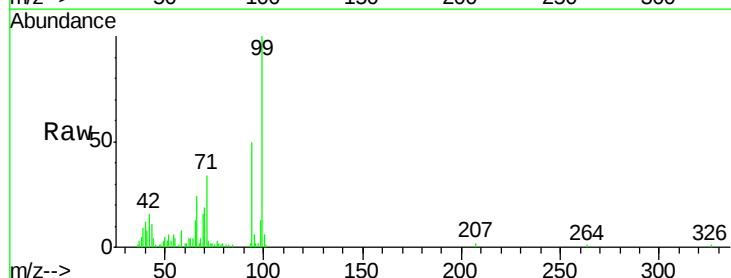
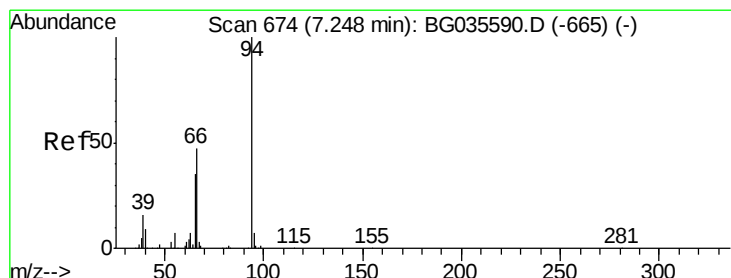
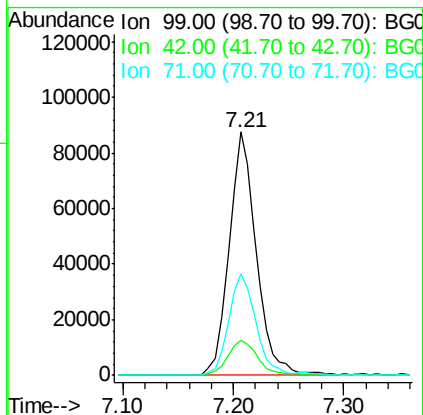
Tgt Ion: 99 Resp: 150980

Ion Ratio Lower Upper

99 100

42 14.3 14.1 21.1

71 41.7 26.1 39.1#



#10

Phenol

Concen: 3.275 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG035707.D

Acq: 18 Jul 2018 7:43

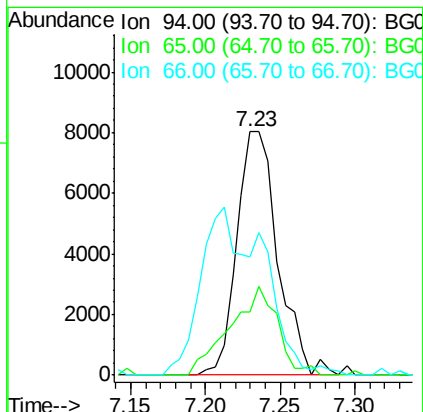
Tgt Ion: 94 Resp: 15327

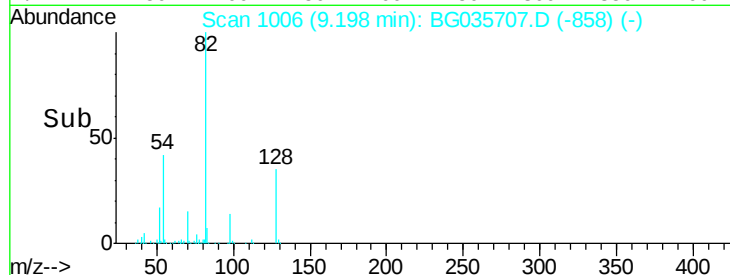
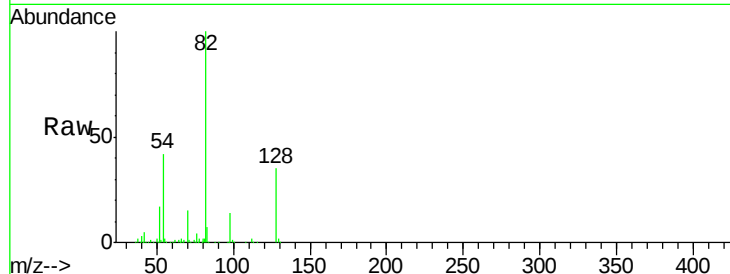
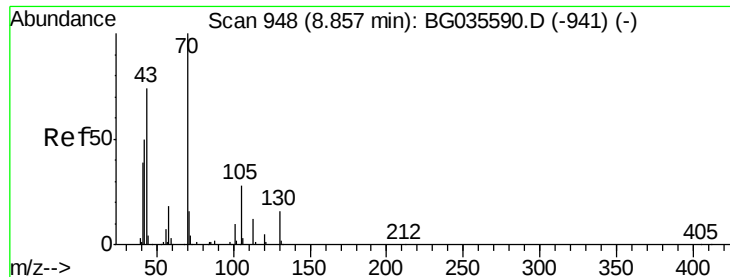
Ion Ratio Lower Upper

94 100

65 25.9 11.9 51.9

66 48.6 22.2 62.2

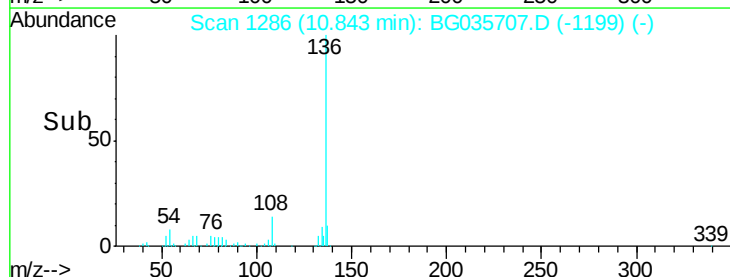
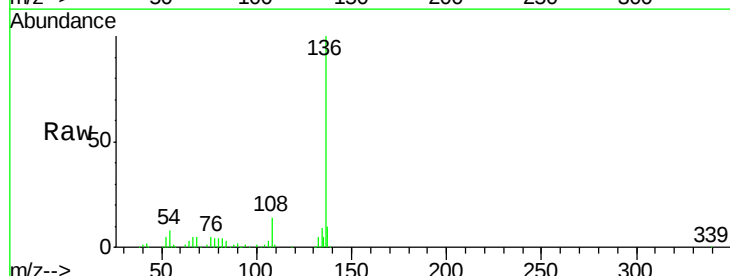
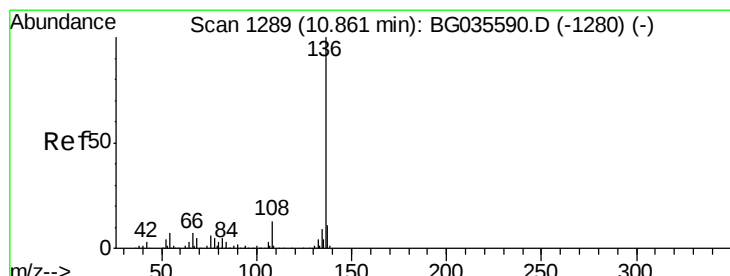
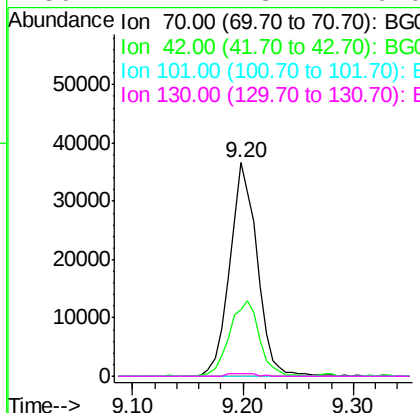




#19
n-Nitroso-di-n-propylamine
Concen: 16.326 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.34 min
Lab File: BG035707.D
Acq: 18 Jul 2018 7:43

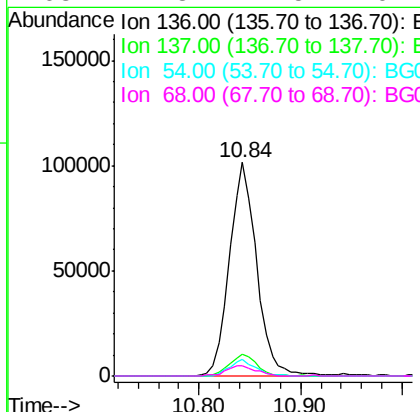
Instrument :
BNA_G
ClientSampleId :
071218-TIPC-F-D-B

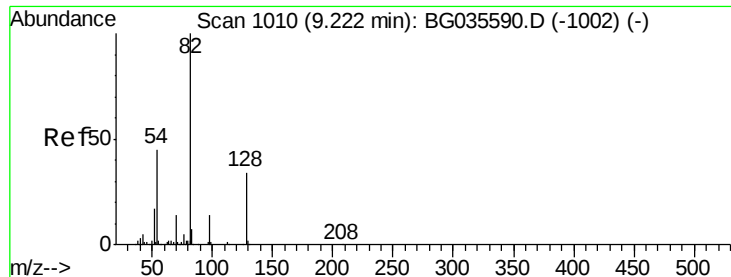
Tgt Ion: 70 Resp: 63694
Ion Ratio Lower Upper
70 100
42 30.9 49.1 73.7#
101 0.0 8.5 12.7#
130 1.2 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BG035707.D
Acq: 18 Jul 2018 7:43

Tgt Ion: 136 Resp: 189544
Ion Ratio Lower Upper
136 100
137 10.2 9.2 13.8
54 7.8 10.3 15.5#
68 4.8 4.5 6.7

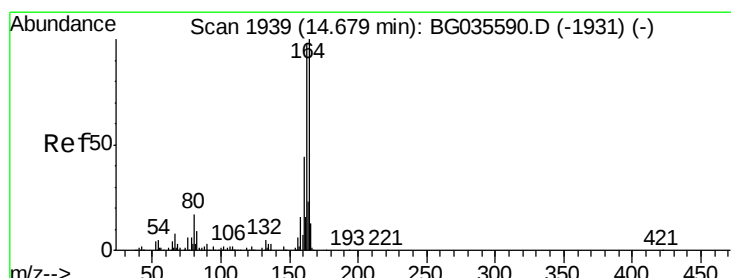
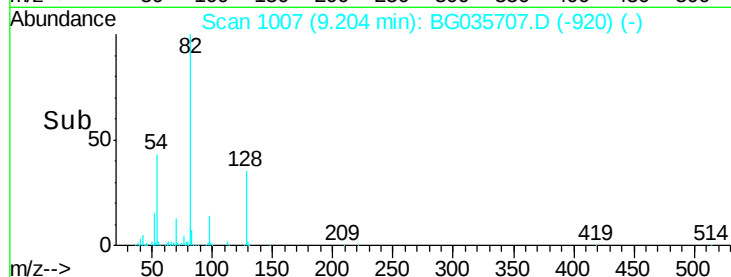
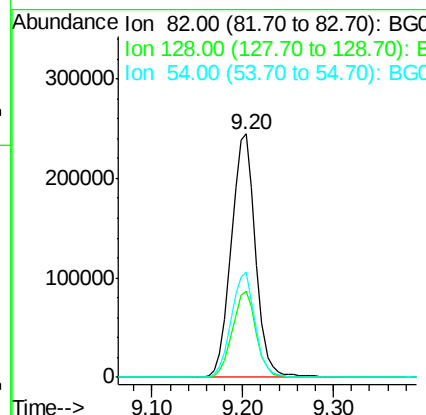
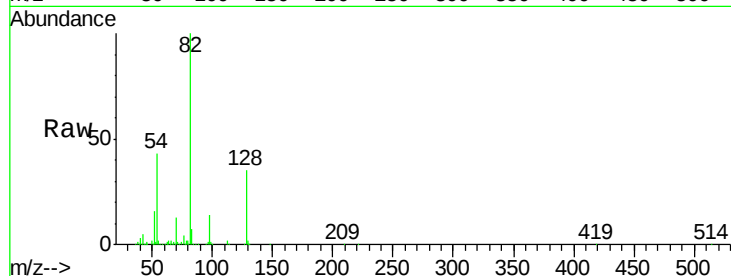




#23
 Nitrobenzene-d5
 Concen: 100.593 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BG035707.D
 Acq: 18 Jul 2018 7:43

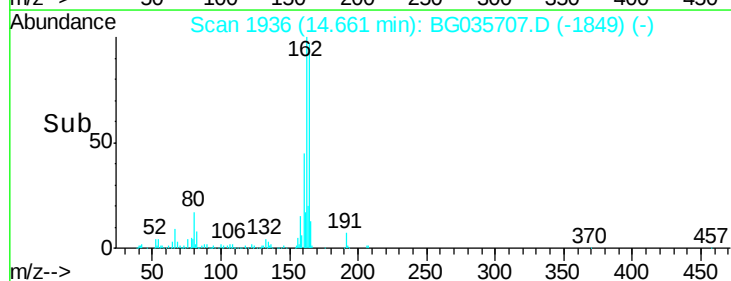
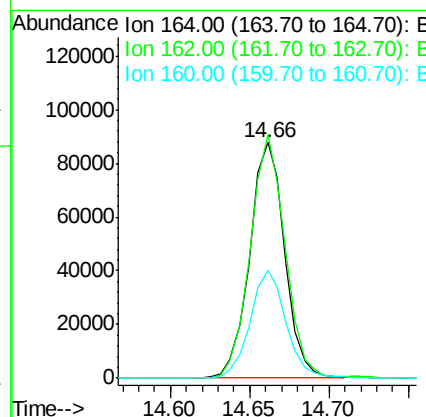
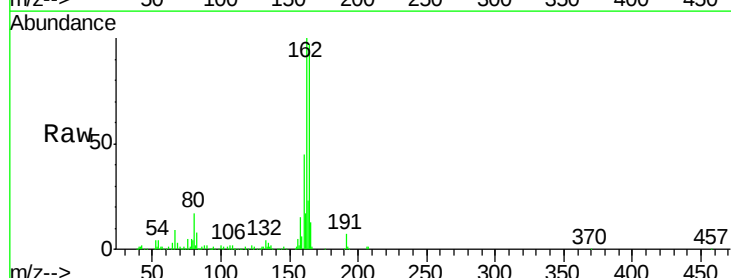
Instrument :
 BNA_G
 ClientSampleId :
 071218-TIPC-F-D-B

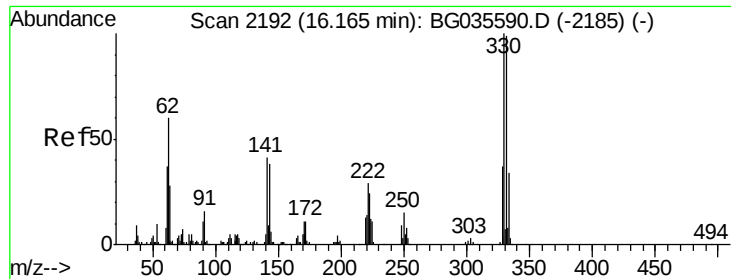
Tgt Ion: 82 Resp: 456420
 Ion Ratio Lower Upper
 82 100
 128 35.3 29.7 44.5
 54 43.1 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.02 min
 Lab File: BG035707.D
 Acq: 18 Jul 2018 7:43

Tgt Ion: 164 Resp: 134056
 Ion Ratio Lower Upper
 164 100
 162 103.4 78.8 118.2
 160 46.1 35.4 53.0

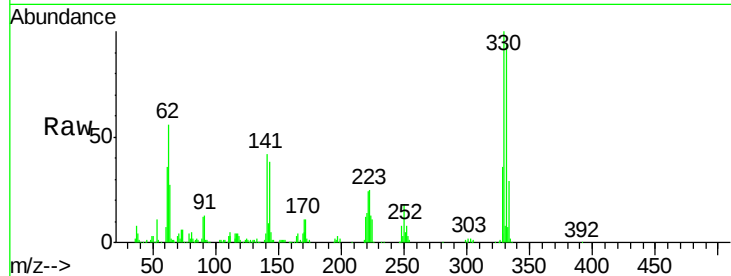




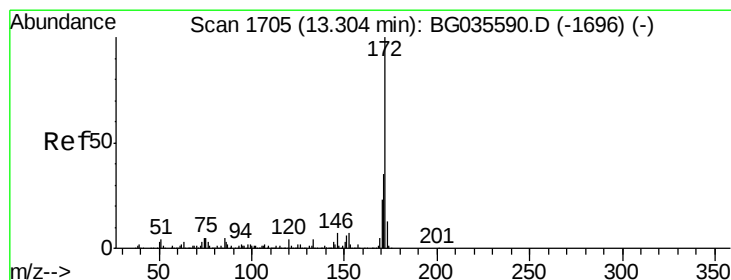
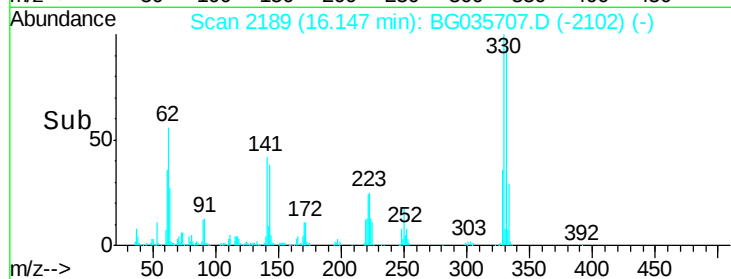
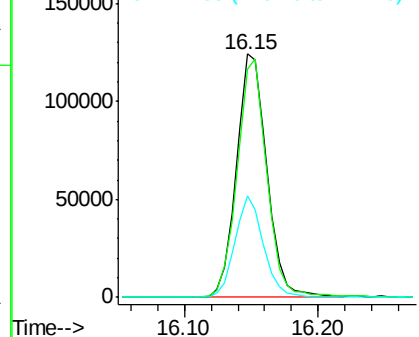
#41
 2,4,6-Tribromophenol
 Concen: 111.577 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG035707.D
 Acq: 18 Jul 2018 7:43

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

Tgt Ion:330 Resp: 197150
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 39.3 25.2 37.8#

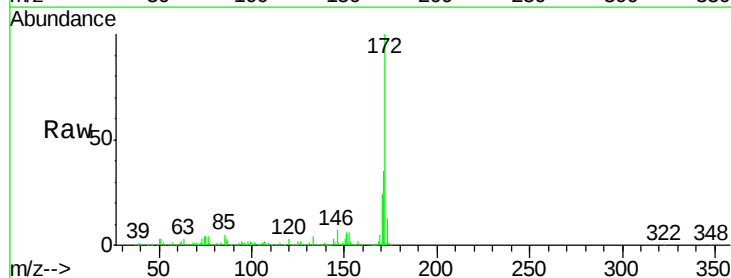


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

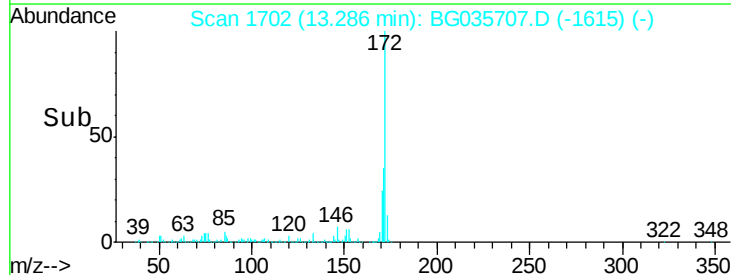
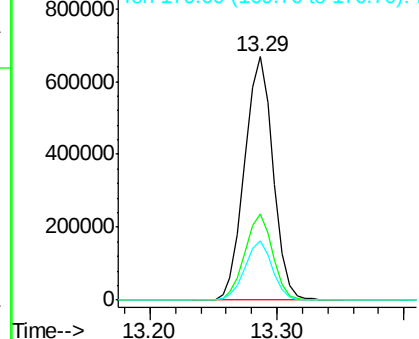


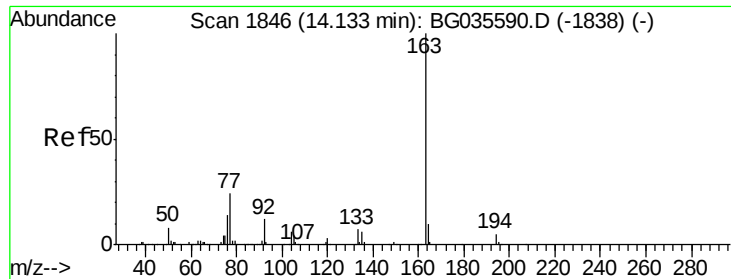
#44
 2-Fluorobiphenyl
 Concen: 104.101 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.02 min
 Lab File: BG035707.D
 Acq: 18 Jul 2018 7:43

Tgt Ion:172 Resp: 1041648
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.0 45.0
 170 24.2 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: 7.993 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BG035707.D

Acq: 18 Jul 2018 7:43

Instrument :

BNA_G

ClientSampleId :

071218-TIPC-F-D-B

Tgt Ion:163 Resp: 93878

Ion Ratio Lower Upper

163 100

194 4.0

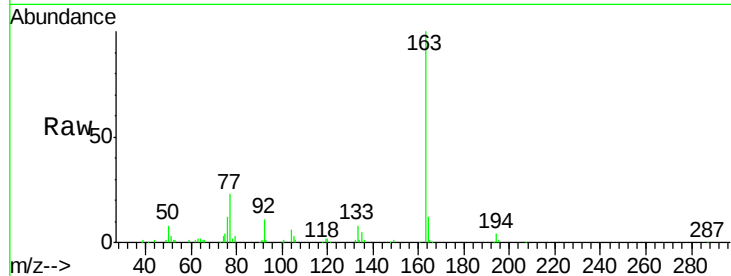
3.4

5.2

164 12.4

8.2

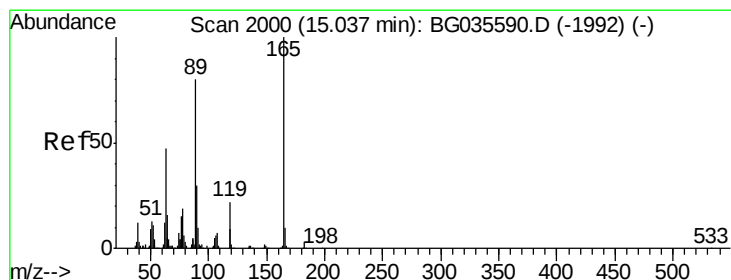
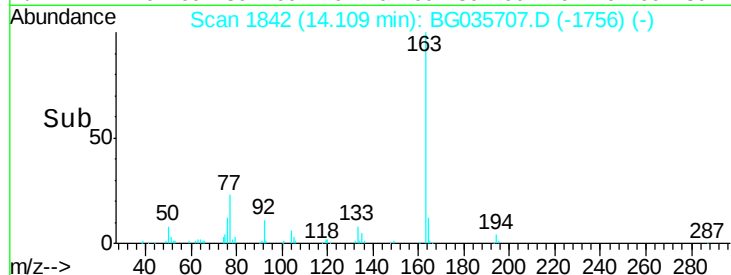
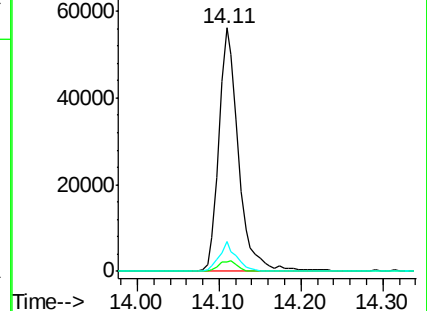
12.4#



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



#56

2,4-Dinitrotoluene

Concen: 4.966 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.38 min

Lab File: BG035707.D

Acq: 18 Jul 2018 7:43

Tgt Ion:165 Resp: 17041

Ion Ratio Lower Upper

165 100

63

3.1

42.0

63.0#

89

0.0

66.9

100.3#

182

0.0

2.6

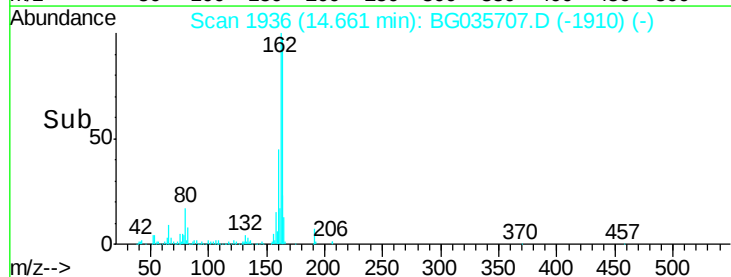
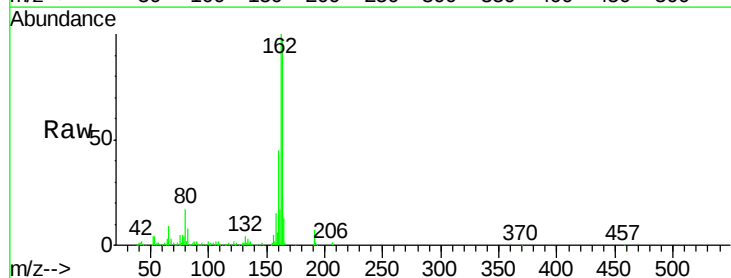
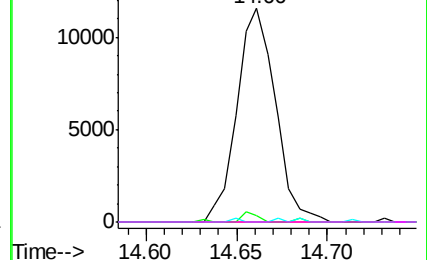
3.8#

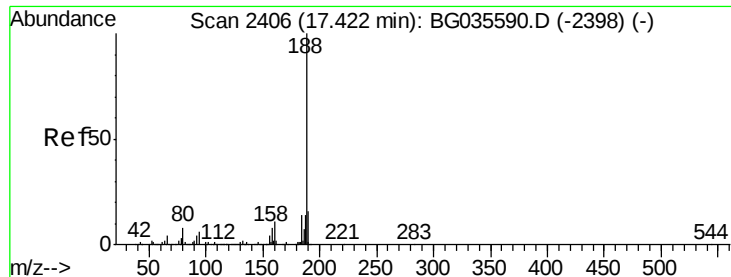
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

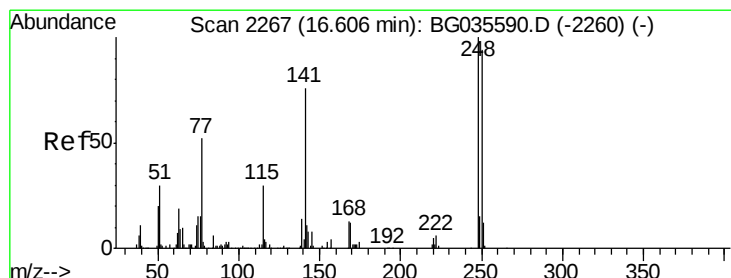
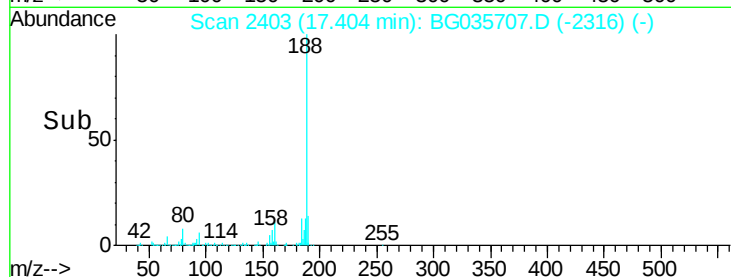
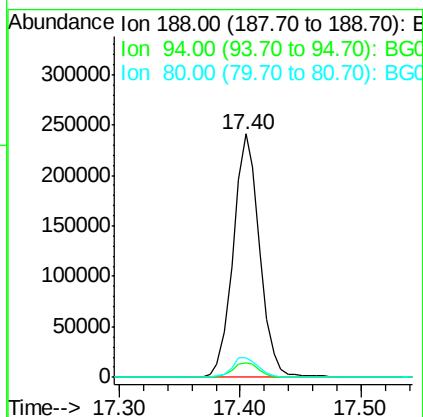
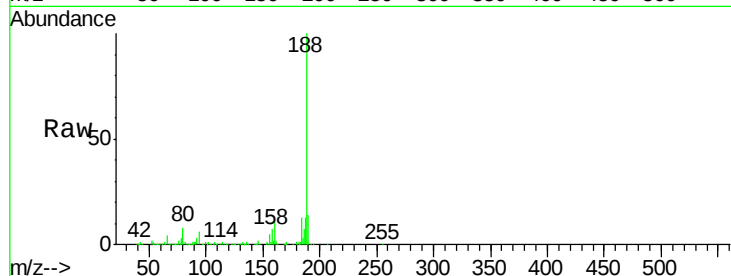




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2403
Delta R.T. -0.02 min
Lab File: BG035707.D
Acq: 18 Jul 2018 7:43

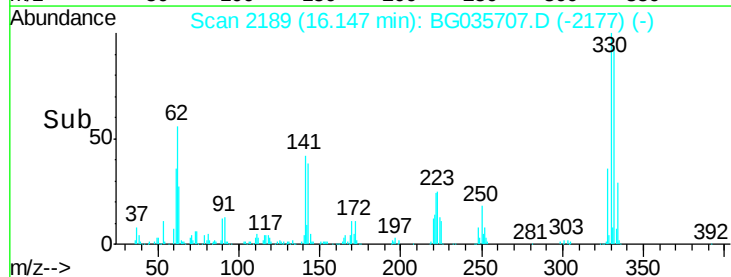
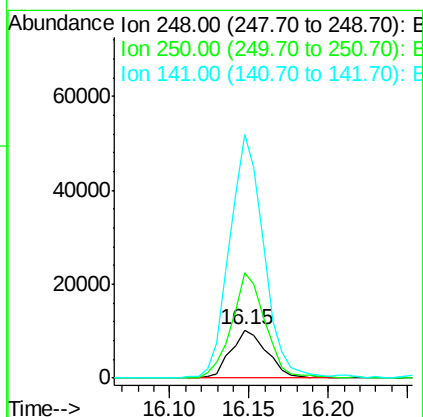
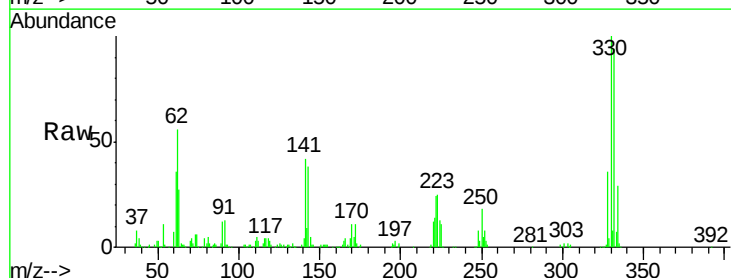
Instrument :
BNA_G
ClientSampleId :
071218-TIPC-F-D-B

Tgt Ion:188 Resp: 366641
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 7.9 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 3.809 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.46 min
Lab File: BG035707.D
Acq: 18 Jul 2018 7:43

Tgt Ion:248 Resp: 16202
Ion Ratio Lower Upper
248 100
250 217.6 77.1 115.7#
141 503.1 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: BG035707.D

Acq: 18 Jul 2018 7:43

Instrument :

BNA_G

ClientSampleId :

071218-TIPC-F-D-B

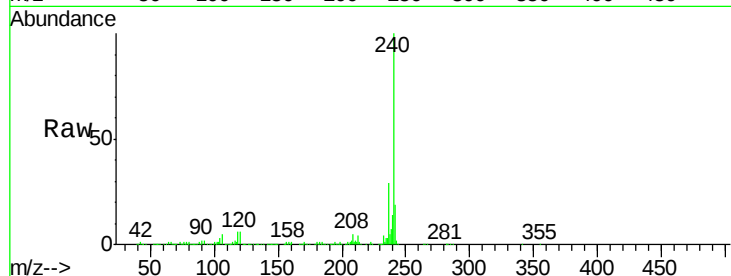
Tgt Ion:240 Resp: 404057

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

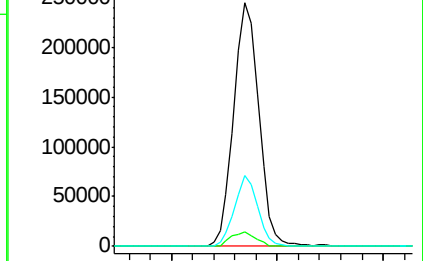
236 28.9 20.9 31.3



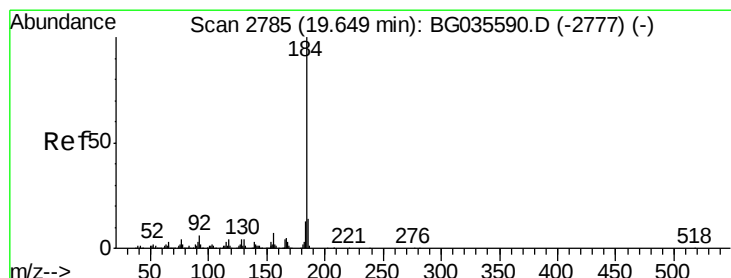
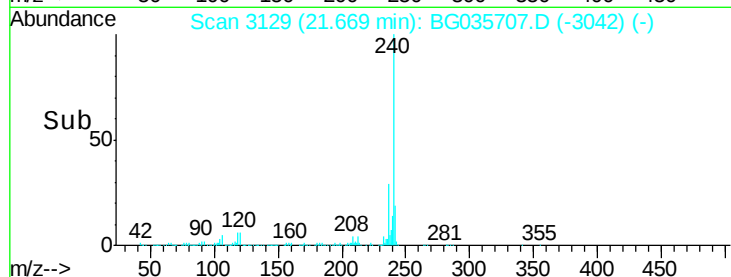
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 2.957 ng

RT: 20.01 min Scan# 2847

Delta R.T. 0.36 min

Lab File: BG035707.D

Acq: 18 Jul 2018 7:43

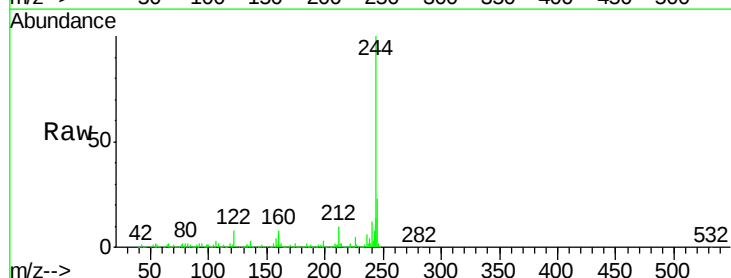
Tgt Ion:184 Resp: 31415

Ion Ratio Lower Upper

184 100

185 17.8 11.1 16.7#

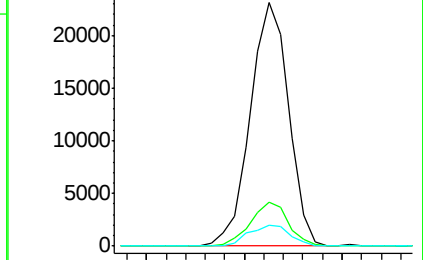
183 8.4 10.6 16.0#



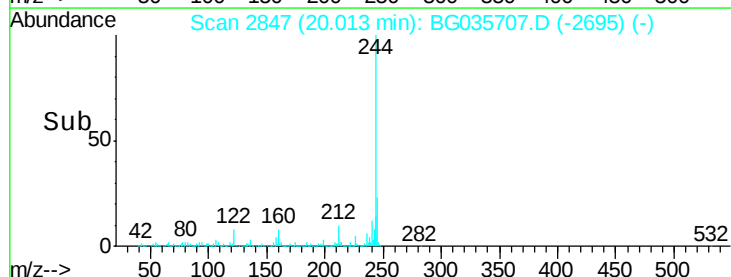
Abundance Ion 184.00 (183.70 to 184.70): E

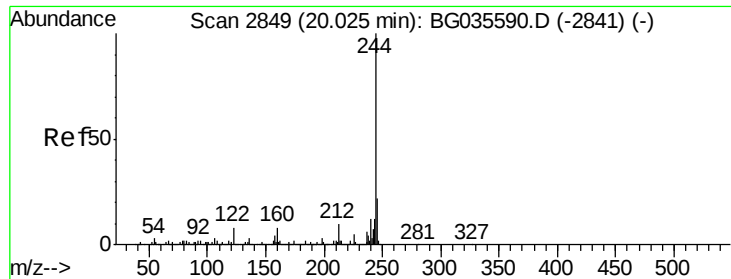
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





#78

Terphenyl-d14

Concen: 94.547 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG035707.D

Acq: 18 Jul 2018 7:43

Instrument :

BNA_G

ClientSampleId :

071218-TIPC-F-D-B

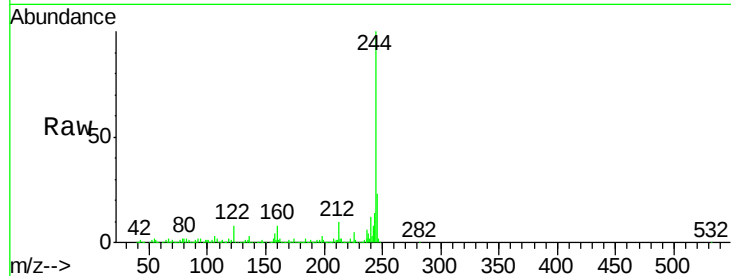
Tgt Ion:244 Resp: 1733086

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.8#

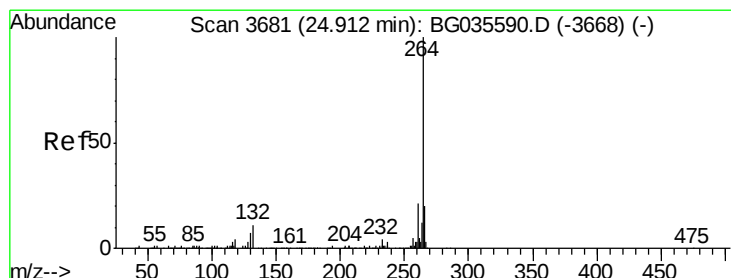
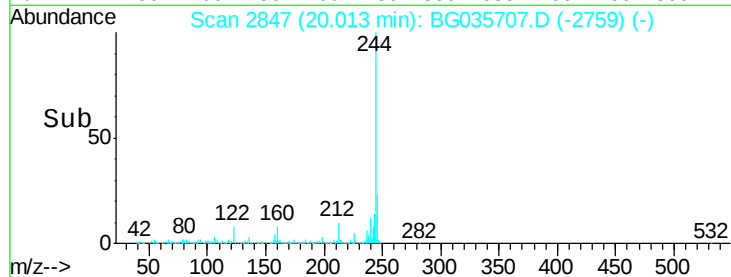
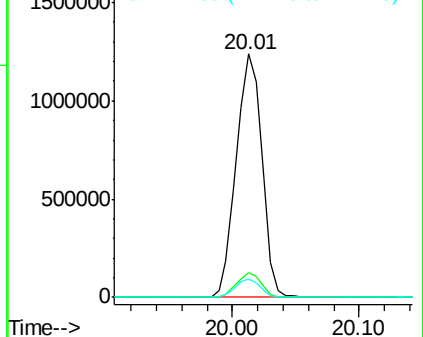
122 7.8 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.88 min Scan# 3676

Delta R.T. -0.03 min

Lab File: BG035707.D

Acq: 18 Jul 2018 7:43

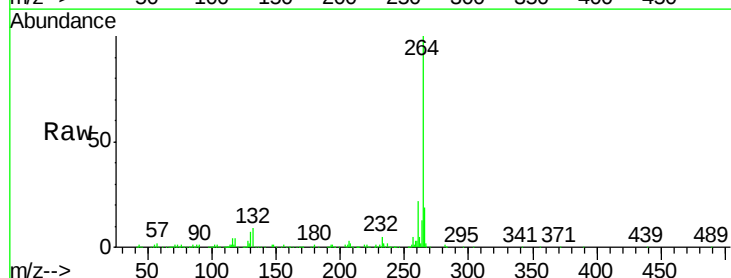
Tgt Ion:264 Resp: 383884

Ion Ratio Lower Upper

264 100

260 21.7 17.4 26.0

265 19.4 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

