

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071818\
 Data File : BG035750.D
 Acq On : 19 Jul 2018 12:44
 Operator : JU/SJ
 Sample : J4033-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 19 14:30:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

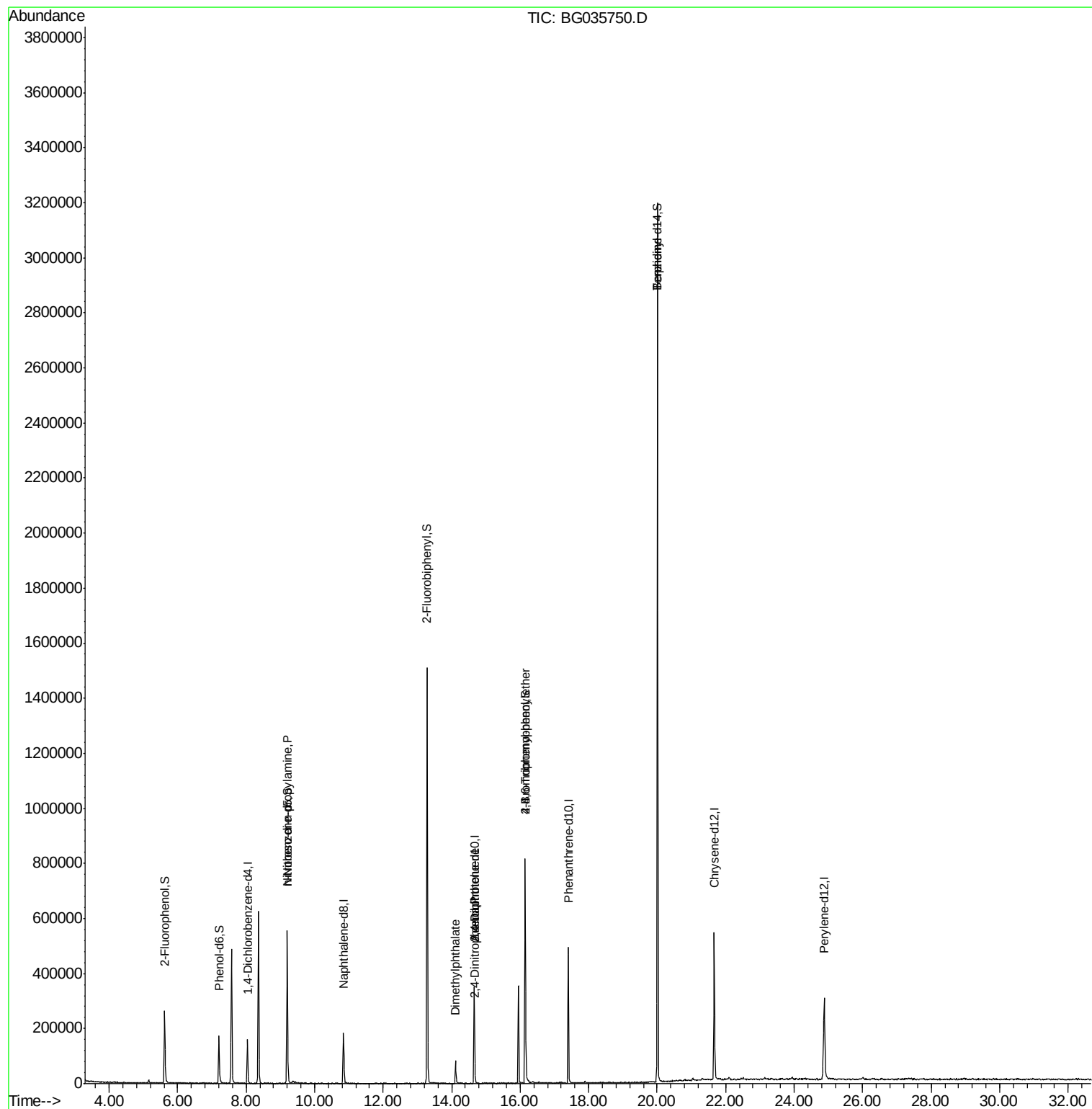
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	46109	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	165590	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	121372	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	329413	20.00	ng	0.00
75) Chrysene-d12	21.66	240	361062	20.00	ng	-0.01
86) Perylene-d12	24.88	264	341589	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	125797	45.30	ng	0.00
7) Phenol-d6	7.20	99	116968	28.23	ng	0.00
23) Nitrobenzene-d5	9.20	82	374609	94.51	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	161102	100.70	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	838594	92.57	ng	0.00
78) Terphenyl-d14	20.01	244	1522741	92.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	51620	14.794	ng	Qvalue # 65
49) Dimethylphthalate	14.11	163	65965	6.203	ng	# 96
53) 2,4-Dinitrophenol	14.68	184	80	6.648	ng	# 37
56) 2,4-Dinitrotoluene	14.66	165	15732	5.064	ng	# 19
66) 4-Bromophenyl-phenylether	16.15	248	12680	3.318	ng	# 1
76) Benzidine	20.01	184	27422	2.889	ng	# 89

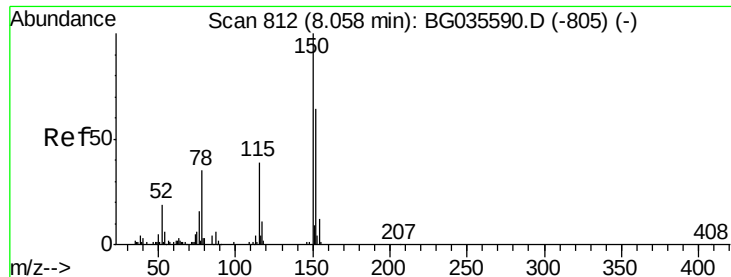
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration



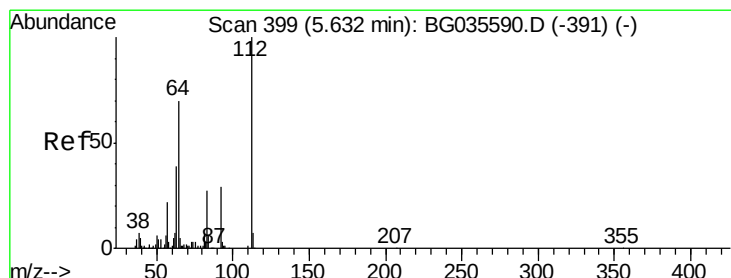
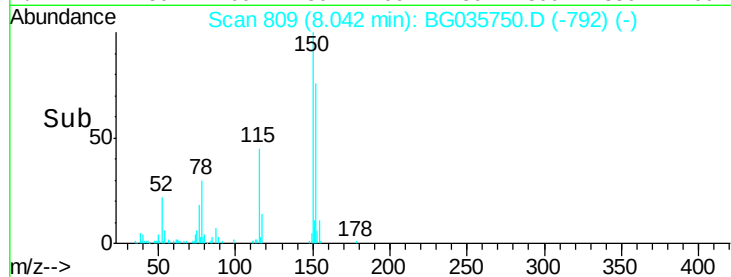
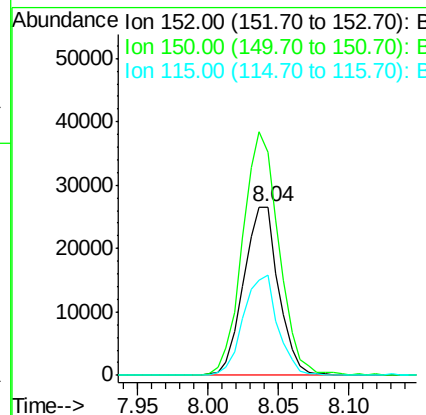
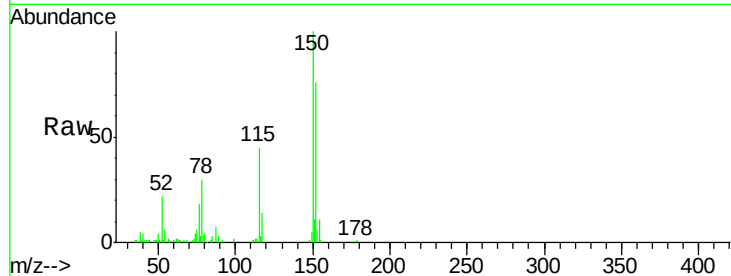


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG035750.D
Acq: 19 Jul 2018 12:44

Instrument :
BNA_F
ClientSampleId :

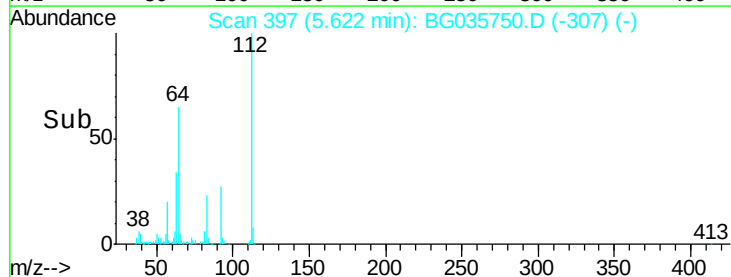
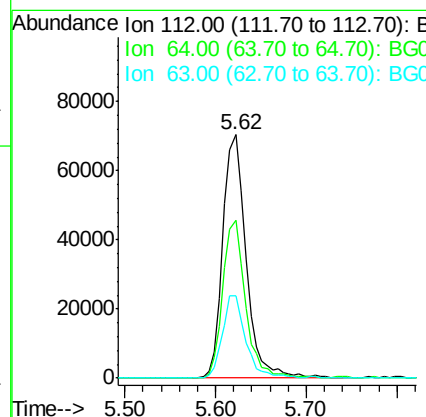
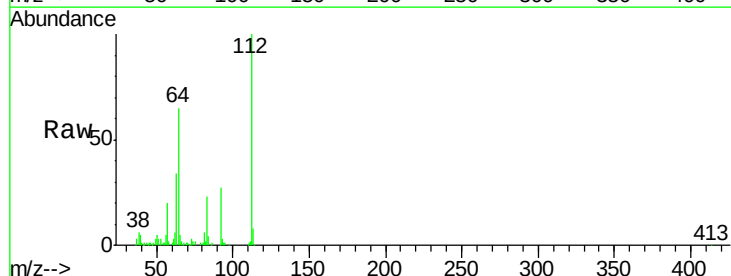
Tgt Ion:152 Resp: 46109
Ion Ratio Lower Upper
152 100
150 132.2 126.6 189.8
115 59.5 53.0 79.4

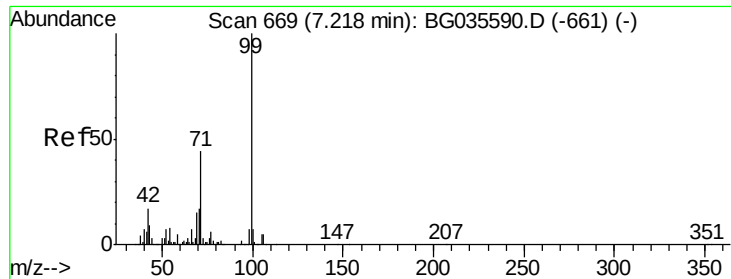


#5

2-Fluorophenol
Concen: 45.295 ng
RT: 5.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BG035750.D
Acq: 19 Jul 2018 12:44

Tgt Ion:112 Resp: 125797
Ion Ratio Lower Upper
112 100
64 64.7 56.3 84.5
63 33.9 30.1 45.1





#7

Phenol-d6

Concen: 28.228 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.00 min

Lab File: BG035750.D

Acq: 19 Jul 2018 12:44

Instrument :

BNA_F

ClientSampleId :

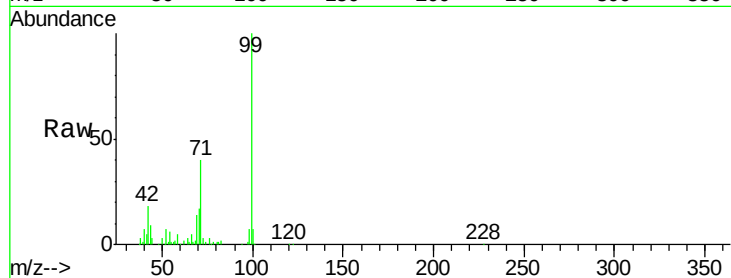
Tgt Ion: 99 Resp: 116968

Ion Ratio Lower Upper

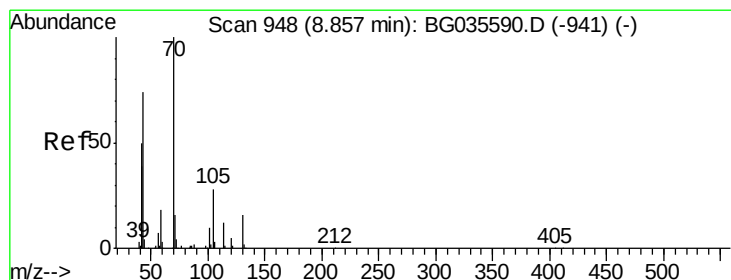
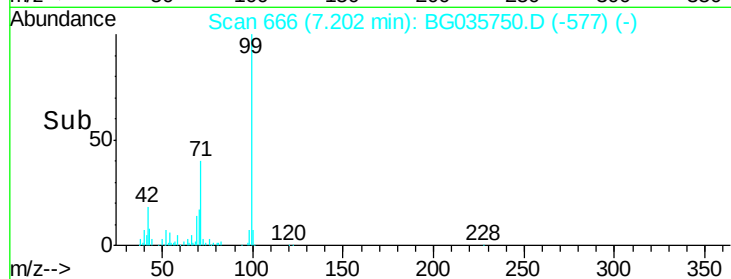
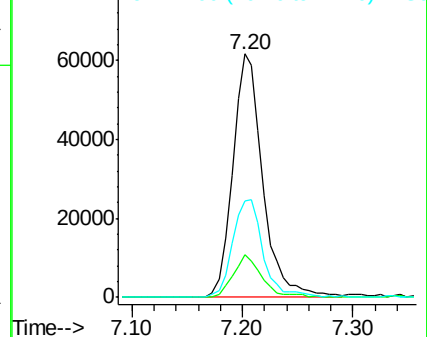
99 100

42 17.5 14.1 21.1

71 39.7 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.794 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.36 min

Lab File: BG035750.D

Acq: 19 Jul 2018 12:44

Tgt Ion: 70 Resp: 51620

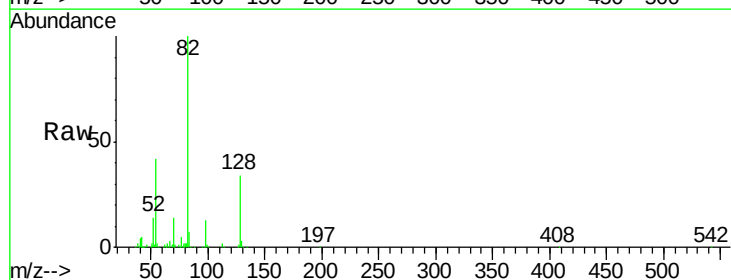
Ion Ratio Lower Upper

70 100

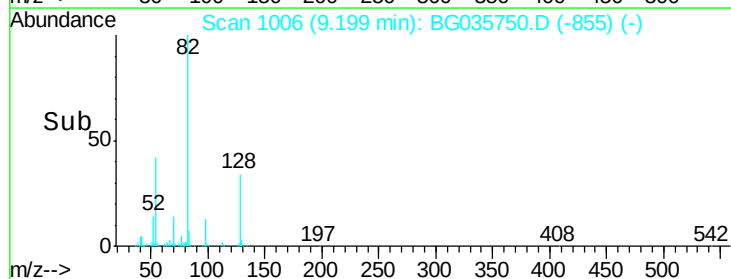
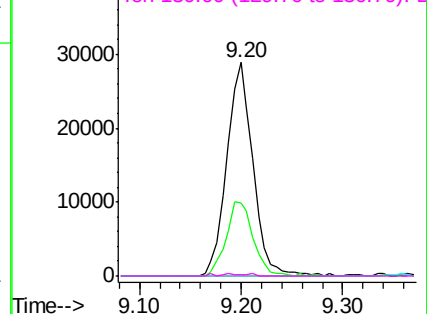
42 33.9 49.1 73.7#

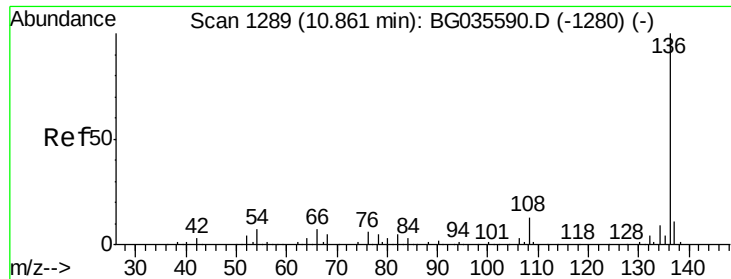
101 0.0 8.5 12.7#

130 0.7 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

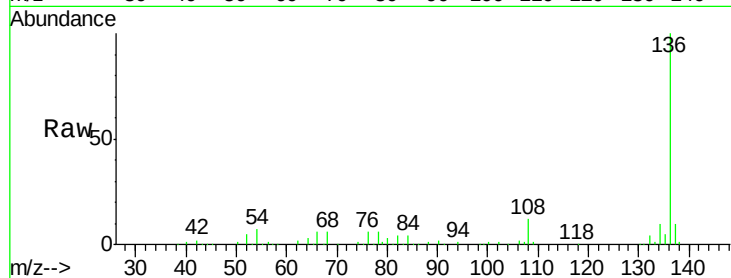




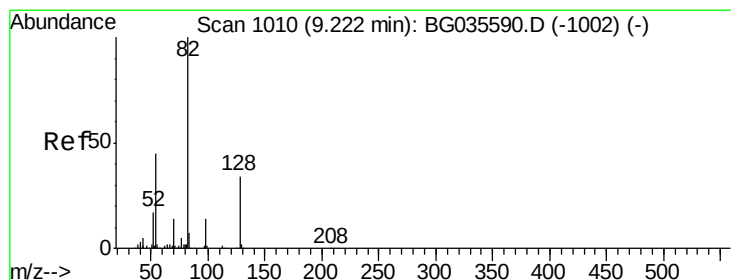
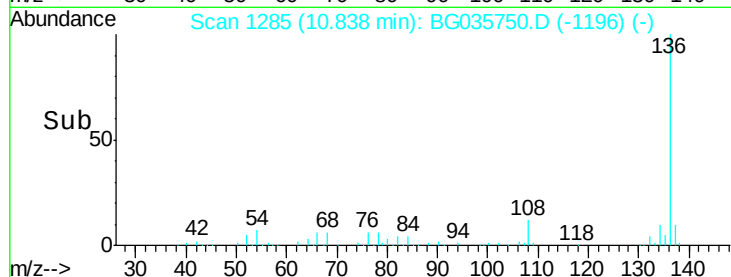
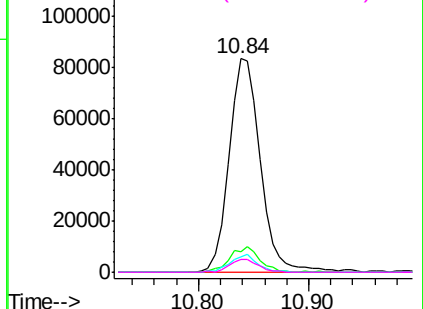
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG035750.D
Acq: 19 Jul 2018 12:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	136	Resp:	165590
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.2	13.8
54	7.3	10.3	15.5#
68	6.2	4.5	6.7

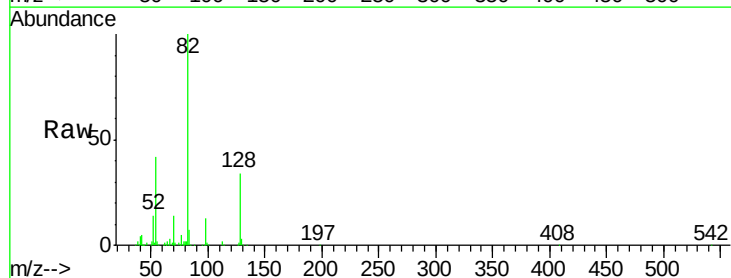


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

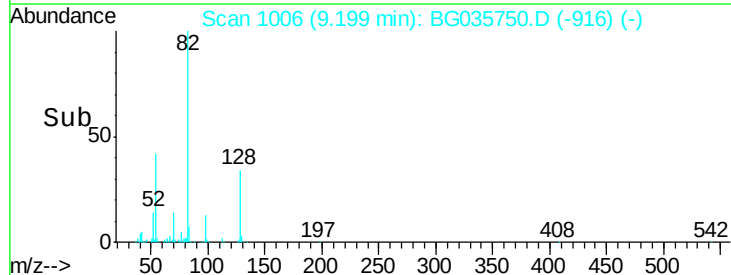
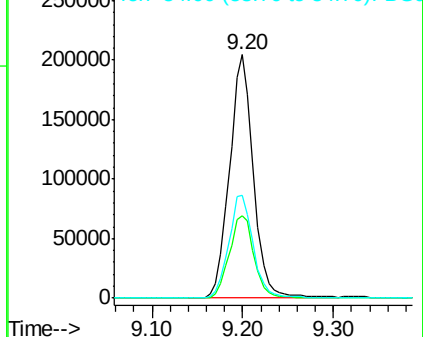


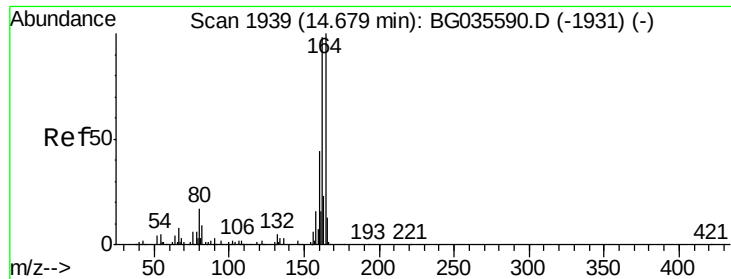
#23
Nitrobenzene-d5
Concen: 94.506 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BG035750.D
Acq: 19 Jul 2018 12:44

Tgt Ion:	82	Resp:	374609
Ion	Ratio	Lower	Upper
82	100		
128	34.0	29.7	44.5
54	42.5	43.1	64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BG035750.D

Acq: 19 Jul 2018 12:44

Instrument :

BNA_F

ClientSampleId :

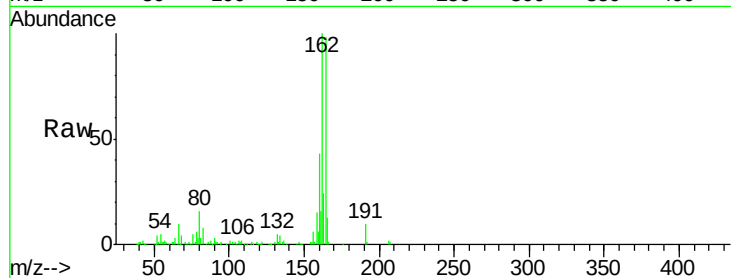
Tgt Ion:164 Resp: 121372

Ion Ratio Lower Upper

164 100

162 102.3 78.8 118.2

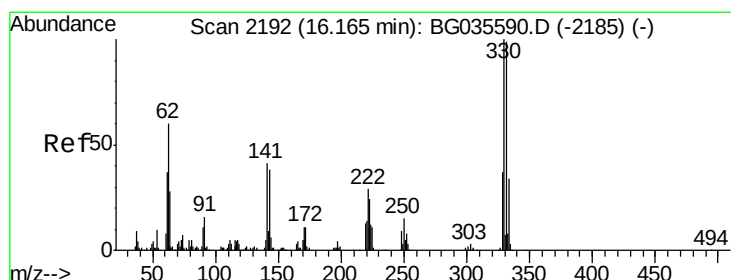
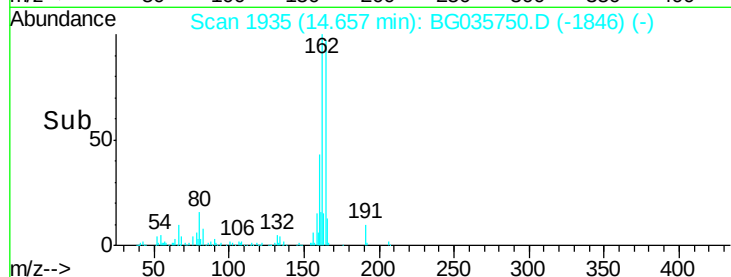
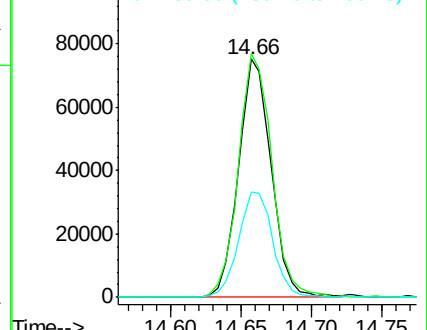
160 44.1 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 100.704 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG035750.D

Acq: 19 Jul 2018 12:44

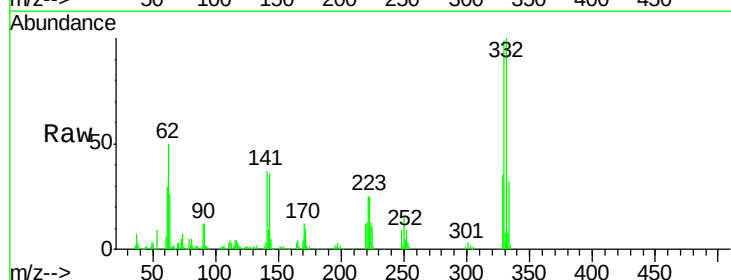
Tgt Ion:330 Resp: 161102

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

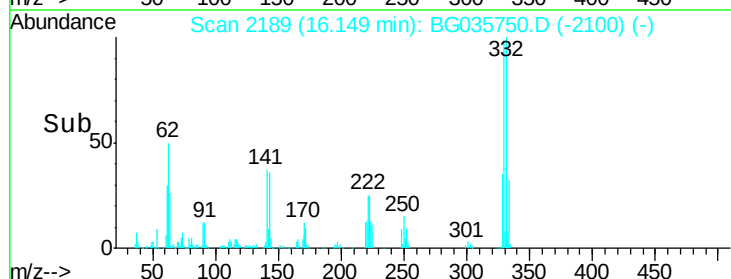
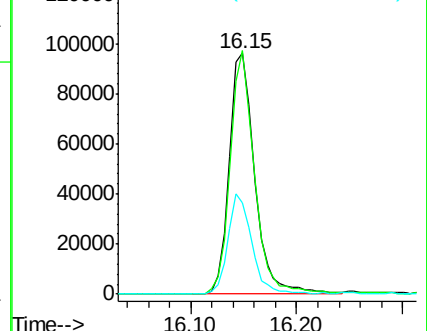
141 39.1 25.2 37.8#

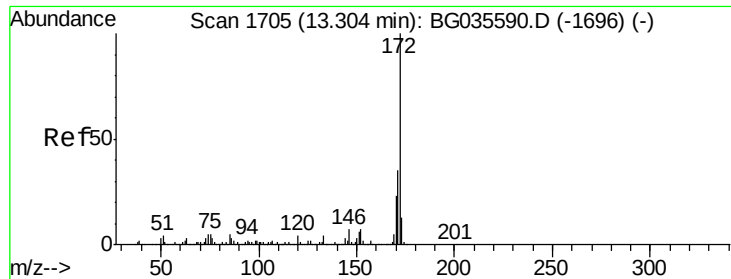


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

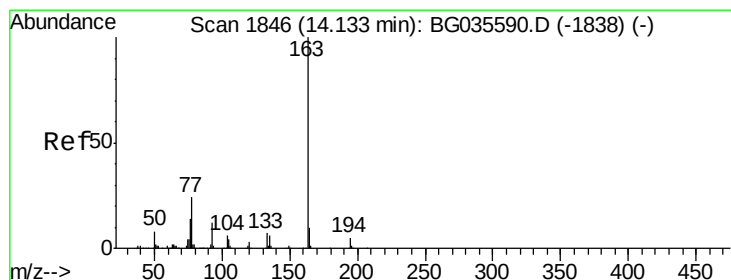
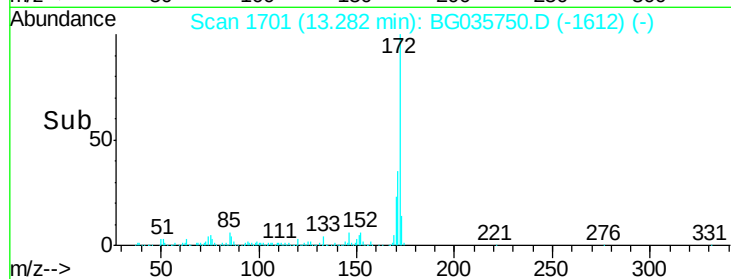
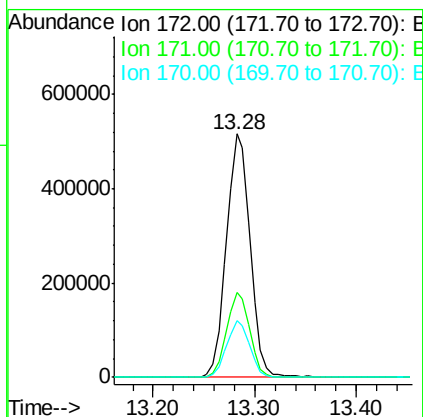
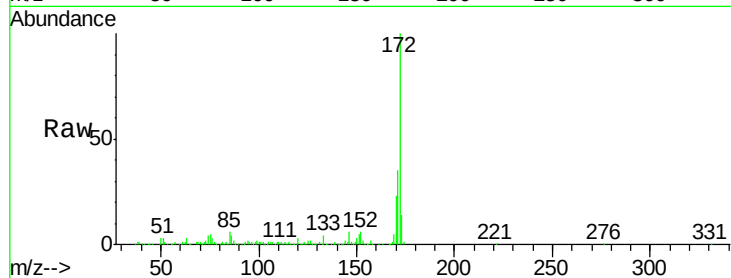




#44
2-Fluorobiphenyl
Concen: 92.567 ng
RT: 13.28 min Scan# 1701
Delta R.T. -0.00 min
Lab File: BG035750.D
Acq: 19 Jul 2018 12:44

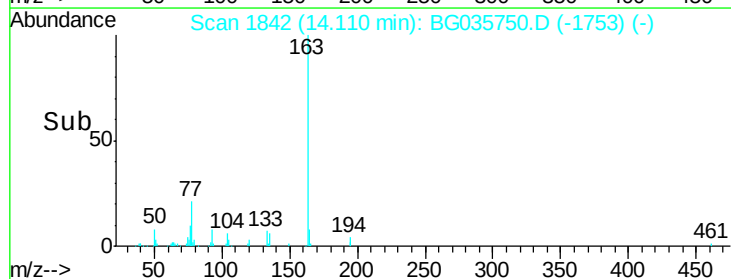
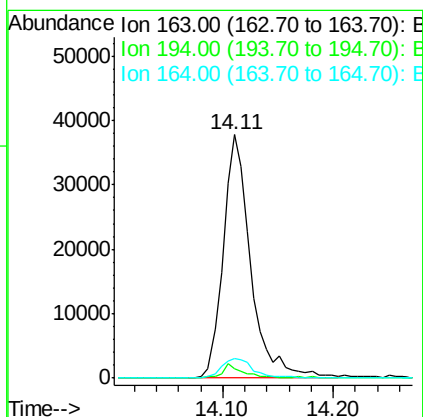
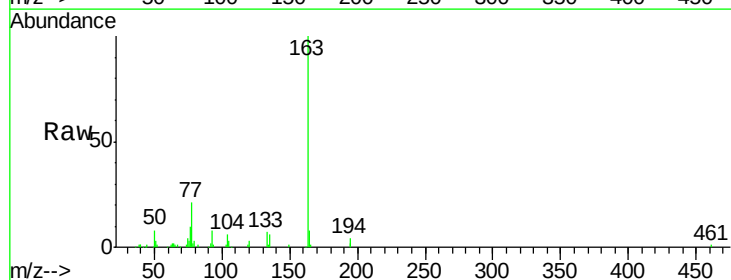
Instrument :
BNA_F
ClientSampleId :

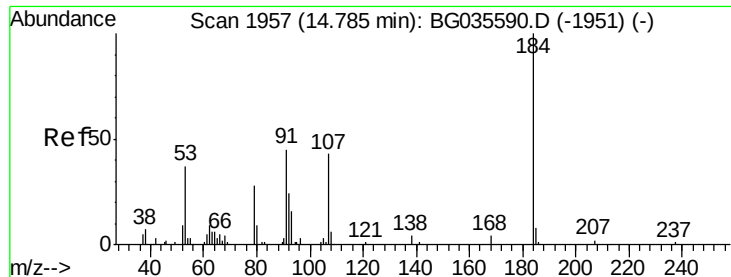
Tgt Ion:172 Resp: 838594
Ion Ratio Lower Upper
172 100
171 34.7 30.0 45.0
170 23.2 19.5 29.3



#49
Dimethylphthalate
Concen: 6.203 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG035750.D
Acq: 19 Jul 2018 12:44

Tgt Ion:163 Resp: 65965
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 8.3 8.2 12.4





#53

2,4-Dinitrophenol

Concen: 6.648 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.12 min

Lab File: BG035750.D

Acq: 19 Jul 2018 12:44

Instrument :

BNA_F

ClientSampleId :

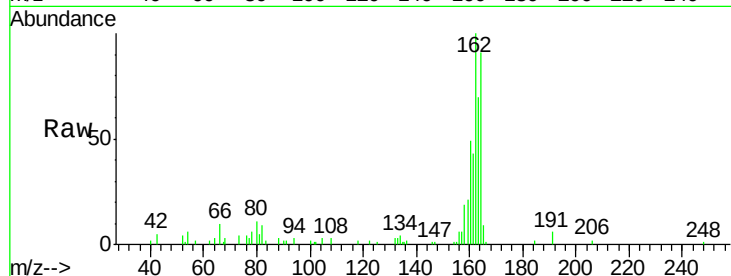
Tgt Ion:184 Resp: 80

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

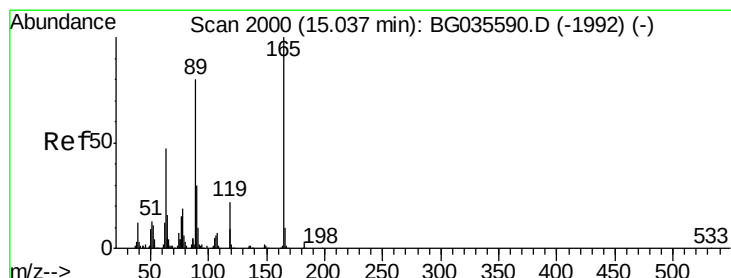
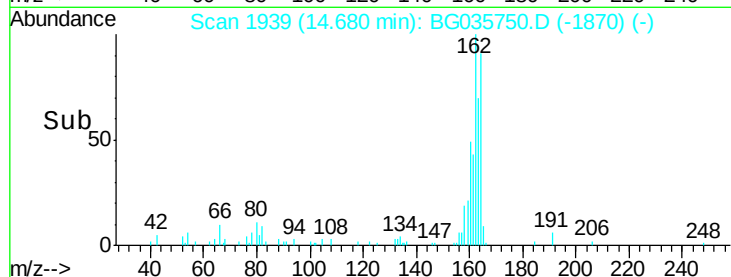
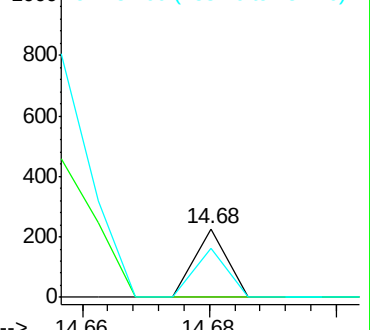
154 71.8 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#56

2,4-Dinitrotoluene

Concen: 5.064 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.36 min

Lab File: BG035750.D

Acq: 19 Jul 2018 12:44

Tgt Ion:165 Resp: 15732

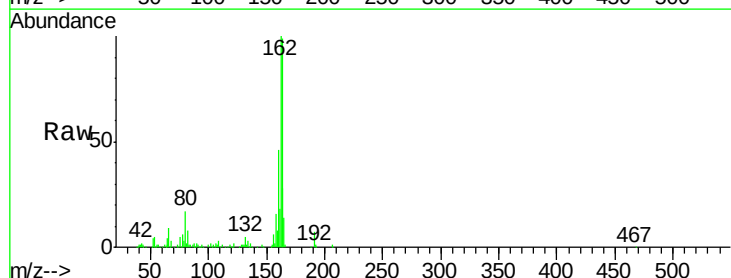
Ion Ratio Lower Upper

165 100

63 2.5 42.0 63.0#

89 1.9 66.9 100.3#

182 0.0 2.6 3.8#

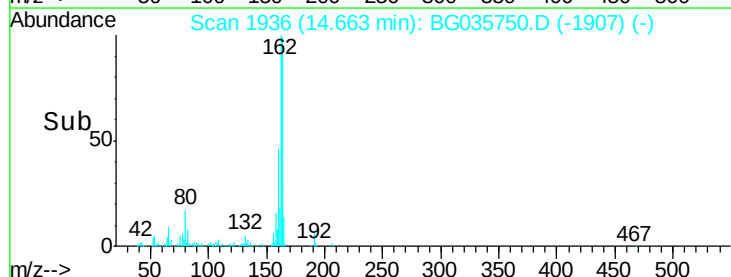
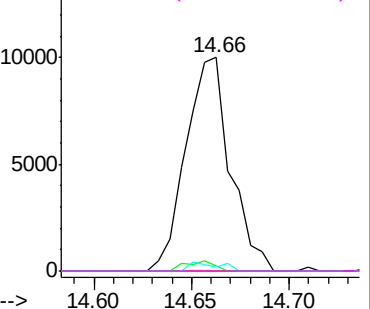


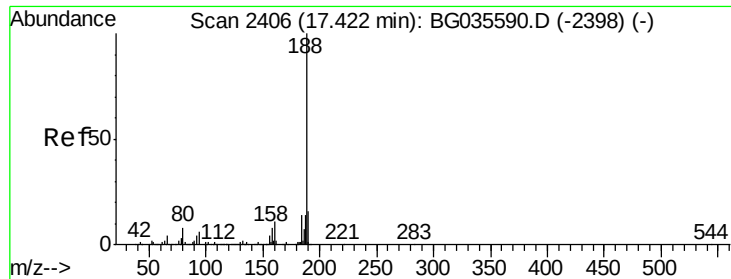
Abundance Ion 165.00 (164.70 to 165.70): E

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

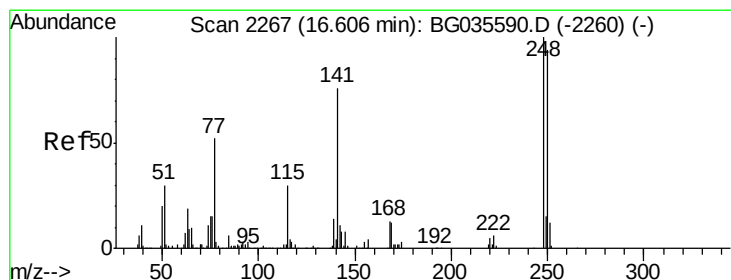
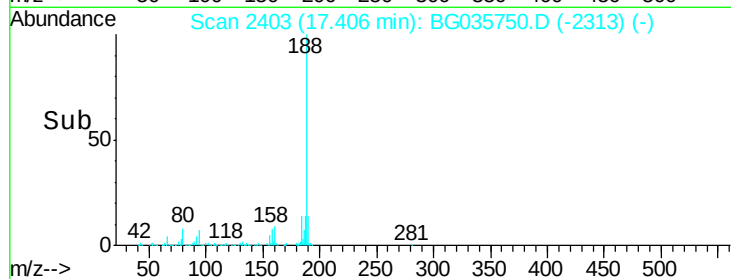
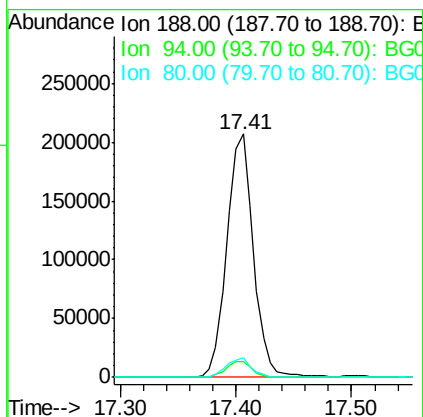
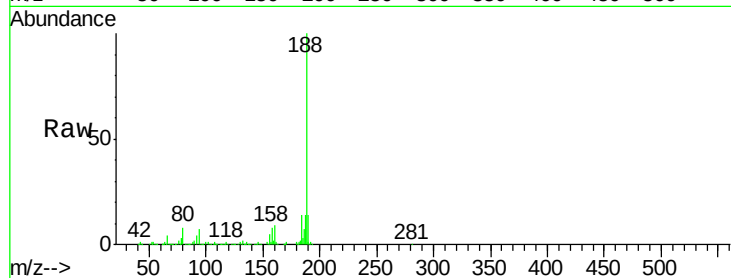




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BG035750.D
Acq: 19 Jul 2018 12:44

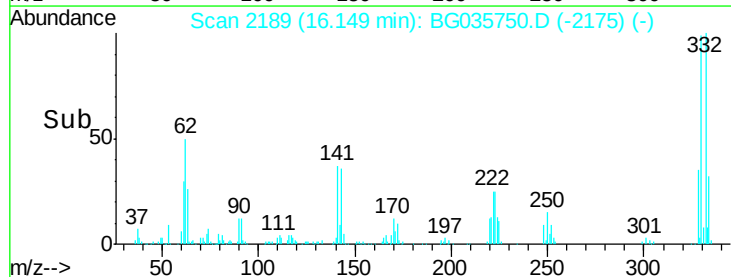
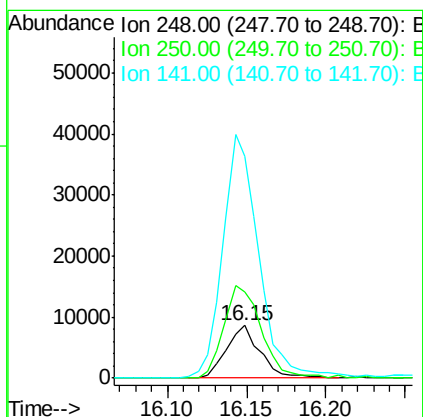
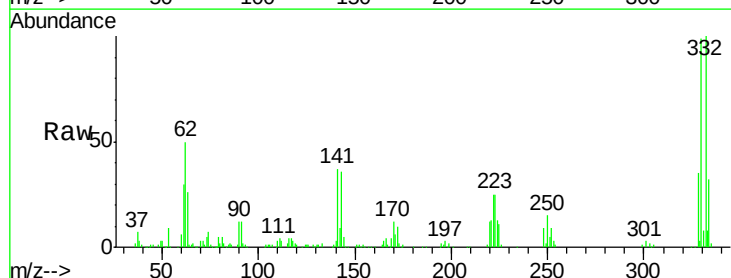
Instrument :
BNA_F
ClientSampleId :

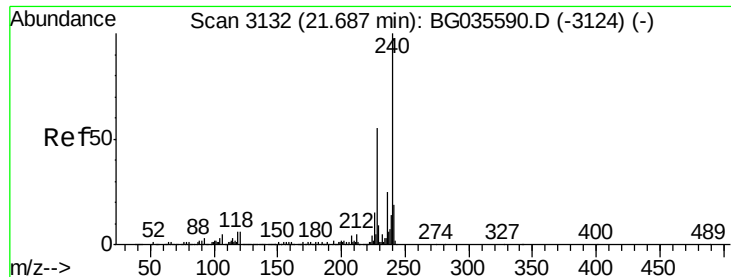
Tgt Ion:188 Resp: 329413
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 8.0 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 3.318 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.44 min
Lab File: BG035750.D
Acq: 19 Jul 2018 12:44

Tgt Ion:248 Resp: 12680
Ion Ratio Lower Upper
248 100
250 164.6 77.1 115.7#
141 421.7 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BG035750.D

Acq: 19 Jul 2018 12:44

Instrument :

BNA_F

ClientSampleId :

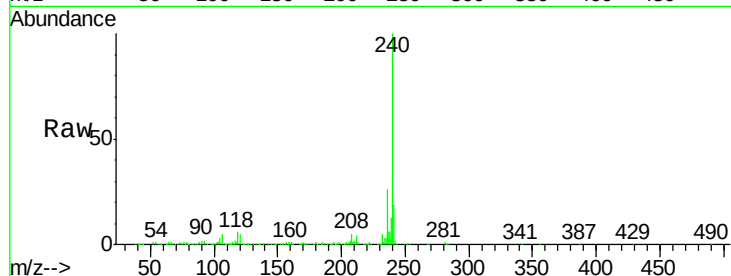
Tgt Ion:240 Resp: 361062

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

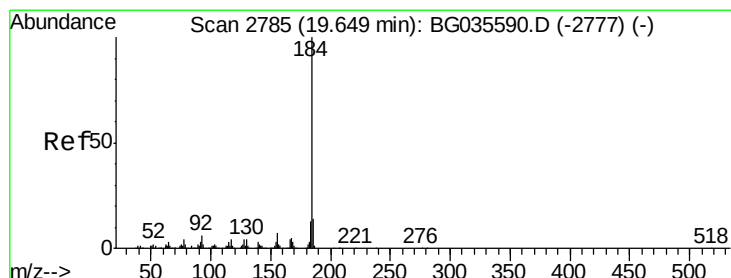
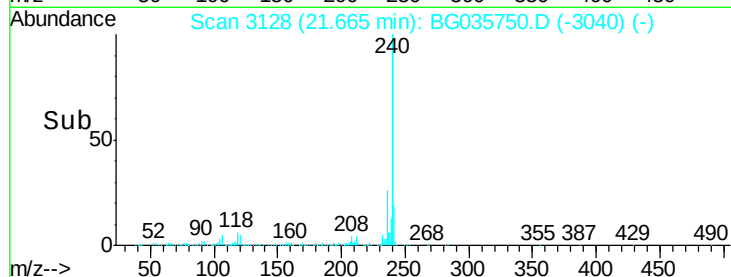
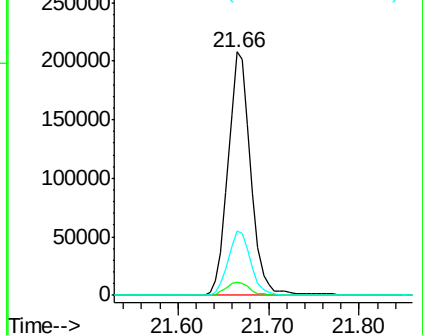
236 26.3 20.9 31.3



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



#76

Benzidine

Concen: 2.889 ng

RT: 20.01 min Scan# 2846

Delta R.T. 0.37 min

Lab File: BG035750.D

Acq: 19 Jul 2018 12:44

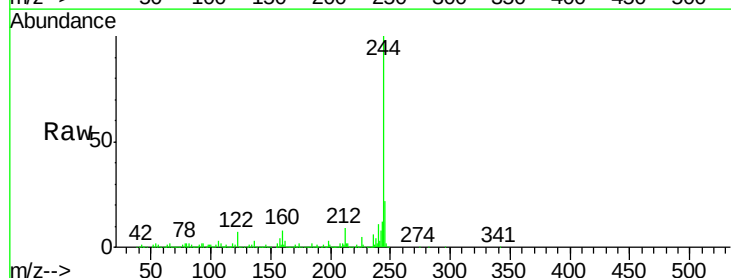
Tgt Ion:184 Resp: 27422

Ion Ratio Lower Upper

184 100

185 18.7 11.1 16.7#

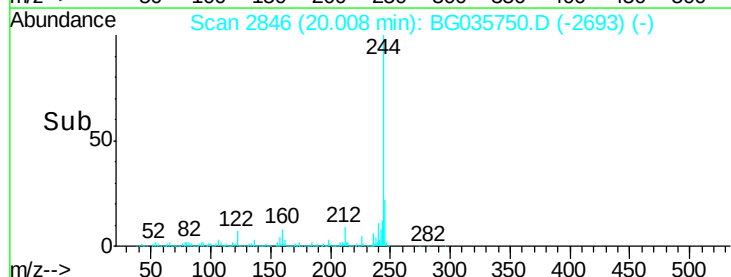
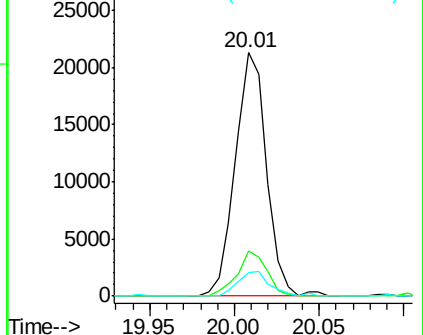
183 9.7 10.6 16.0#

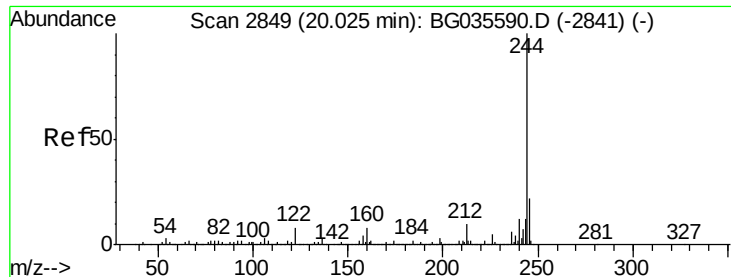


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 92.964 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG035750.D

Acq: 19 Jul 2018 12:44

Instrument :

BNA_F

ClientSampled :

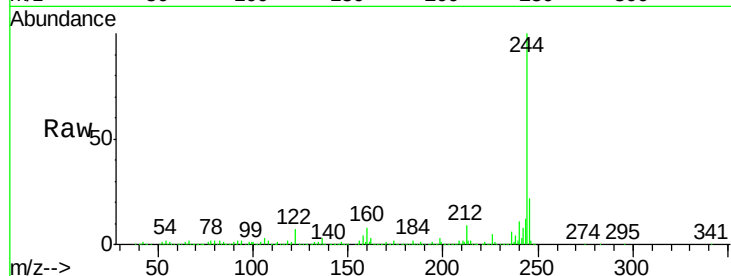
Tgt Ion:244 Resp: 1522741

Ion Ratio Lower Upper

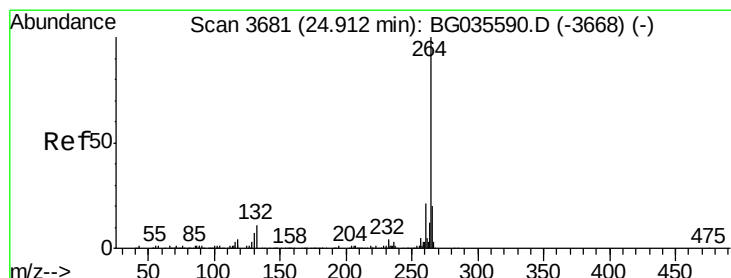
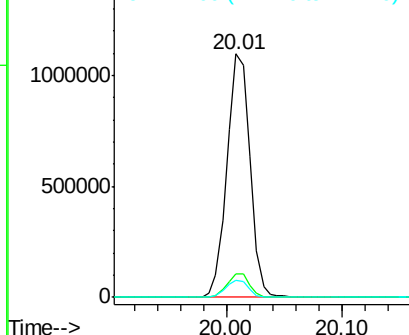
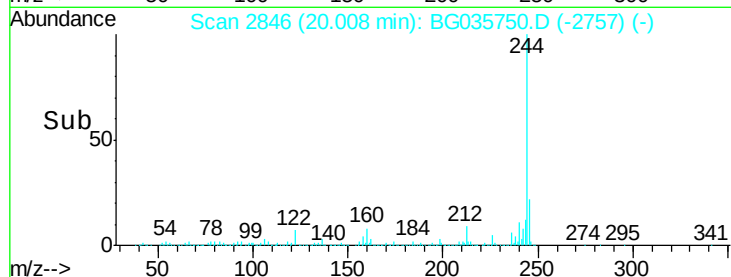
244 100

212 9.4 5.8 8.8#

122 7.0 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. -0.00 min

Lab File: BG035750.D

Acq: 19 Jul 2018 12:44

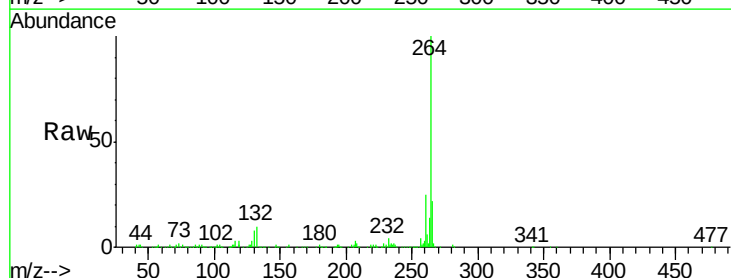
Tgt Ion:264 Resp: 341589

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

265 21.7 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

