

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062918\
 Data File : BG035510.D
 Acq On : 29 Jun 2018 12:20
 Operator : JU/SJ
 Sample : J3593-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S39-9005

Quant Time: Jun 29 18:08:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

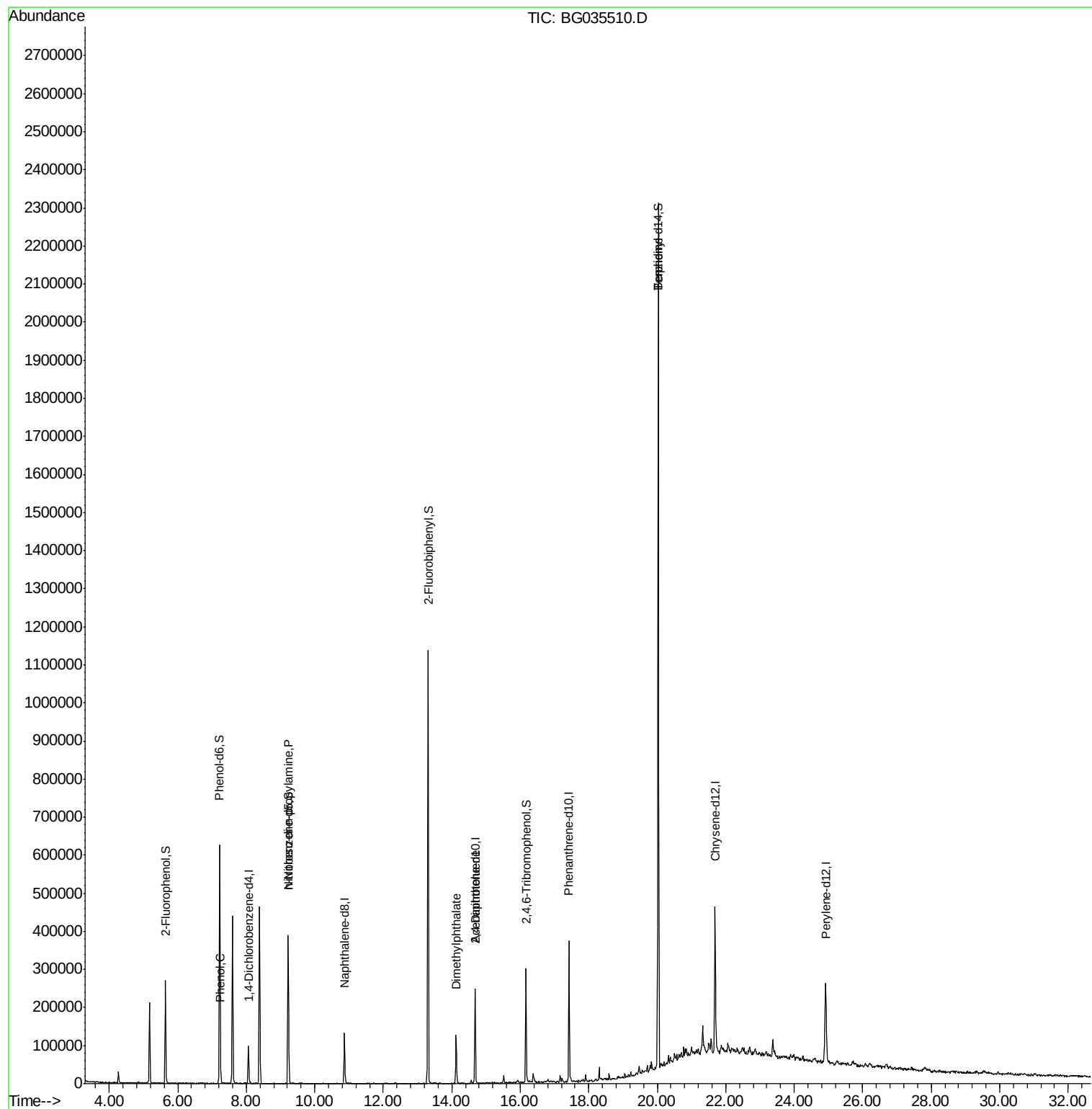
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	28021	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	111107	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	85125	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	239211	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	238263	20.00	ng	-0.03
86) Perylene-d12	24.92	264	234103	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	116690	70.28	ng	0.00
7) Phenol-d6	7.22	99	371572	151.62	ng	0.00
23) Nitrobenzene-d5	9.22	82	269135	115.14	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	58016	53.24	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	640047	97.75	ng	-0.02
78) Terphenyl-d14	20.03	244	1077133	94.70	ng	-0.02
Target Compounds						
10) Phenol	7.25	94	6034	2.379	ng	# 80
19) n-Nitroso-di-n-propylamine	9.23	70	36164	17.370	ng	# 65
49) Dimethylphthalate	14.13	163	85618	11.534	ng	99
56) 2,4-Dinitrotoluene	14.68	165	11072	6.155	ng	# 16
76) Benzidine	20.03	184	17816	2.010	ng	# 80

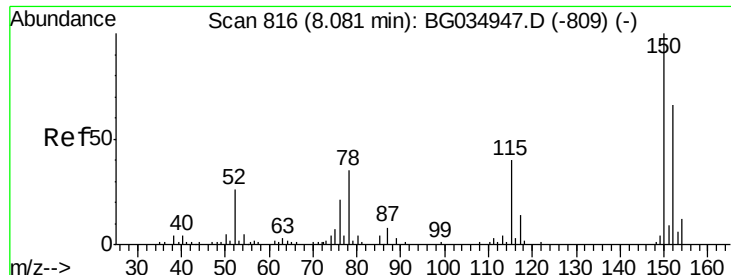
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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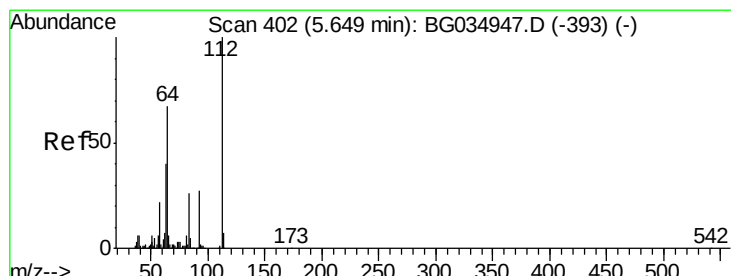
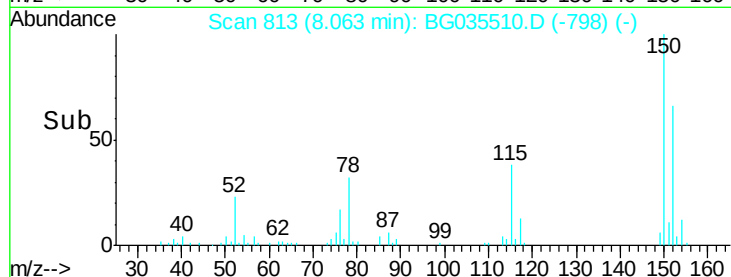
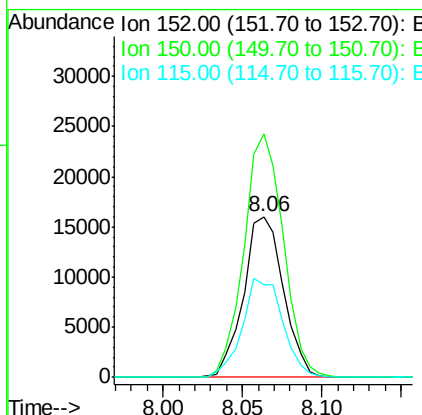
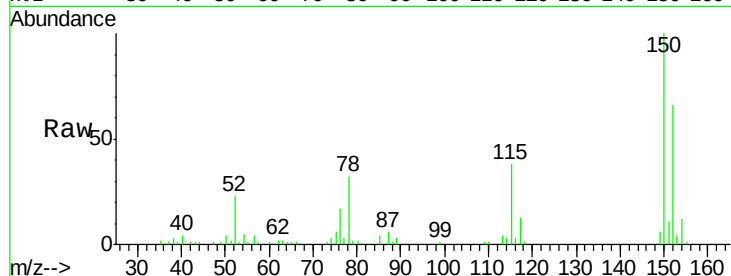


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035510.D
Acq: 29 Jun 2018 12:20

Instrument :
BNA_G
ClientSampleId :
S39-9005

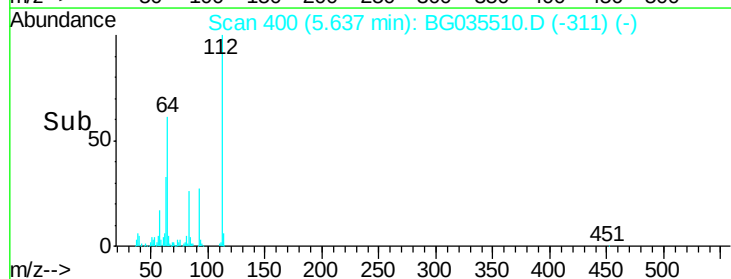
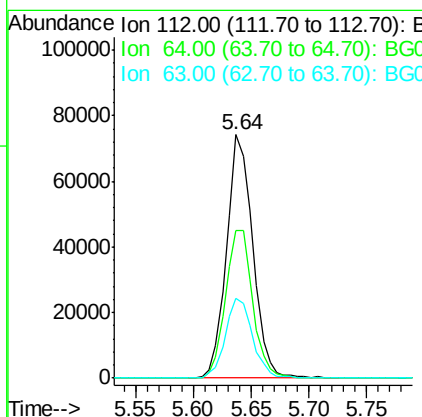
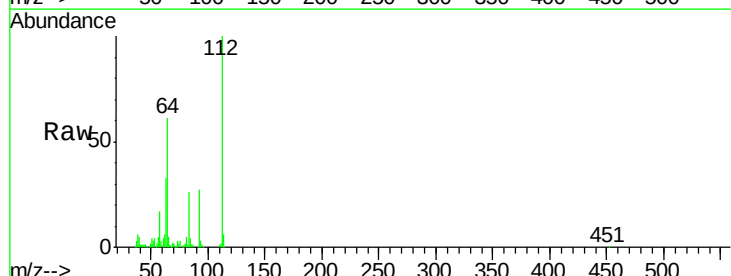
Tgt Ion:152 Resp: 28021
Ion Ratio Lower Upper
152 100
150 151.7 126.6 189.8
115 58.0 53.0 79.4

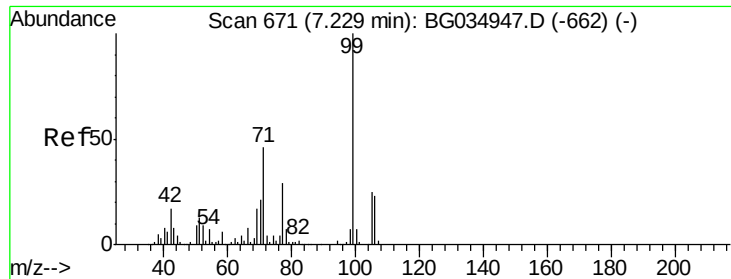


#5

2-Fluorophenol
Concen: 70.278 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035510.D
Acq: 29 Jun 2018 12:20

Tgt Ion:112 Resp: 116690
Ion Ratio Lower Upper
112 100
64 60.6 56.3 84.5
63 32.5 30.1 45.1





#7

Phenol-d6

Concen: 151.622 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035510.D

Acq: 29 Jun 2018 12:20

Instrument :

BNA_G

ClientSampleId :

S39-9005

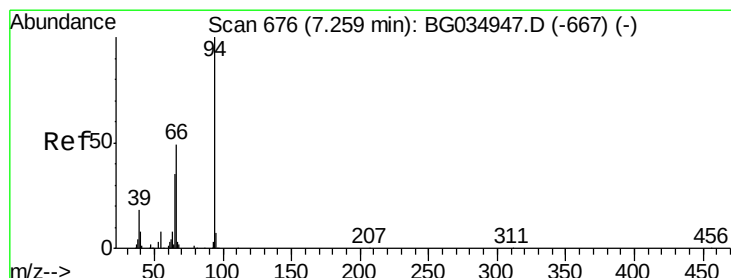
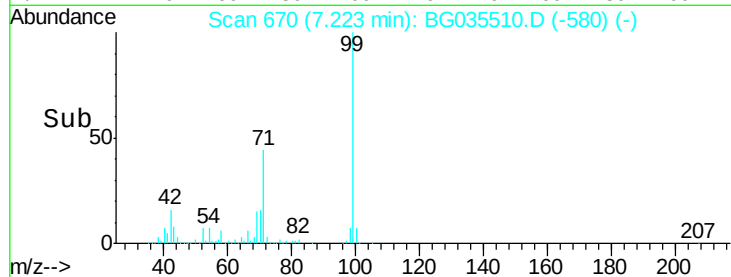
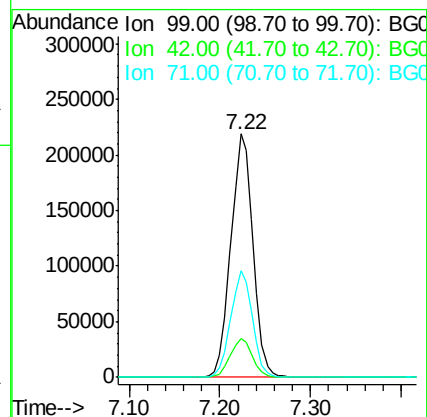
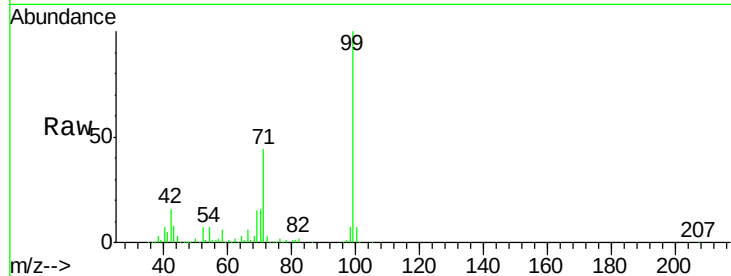
Tgt Ion: 99 Resp: 371572

Ion Ratio Lower Upper

99 100

42 15.8 14.1 21.1

71 43.7 26.1 39.1#



#10

Phenol

Concen: 2.379 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG035510.D

Acq: 29 Jun 2018 12:20

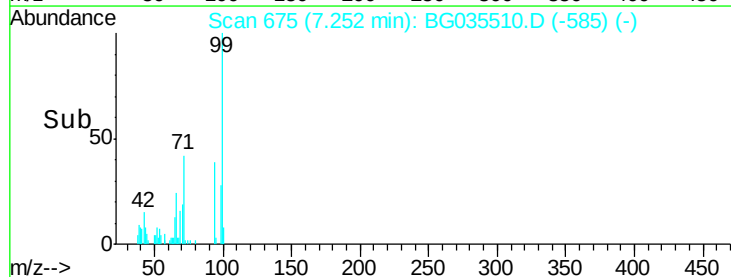
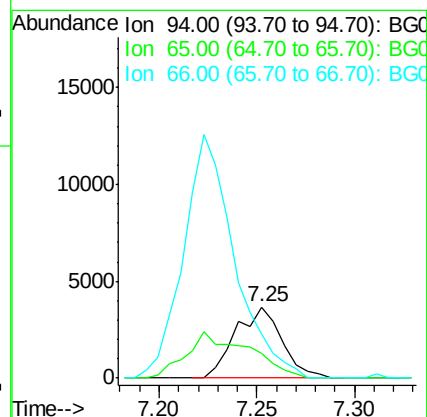
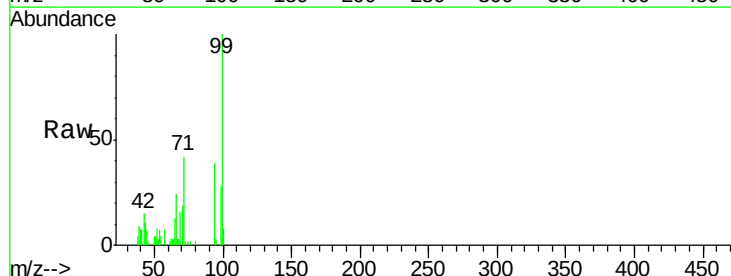
Tgt Ion: 94 Resp: 6034

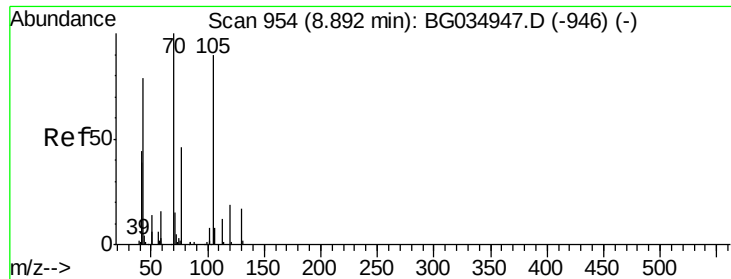
Ion Ratio Lower Upper

94 100

65 33.9 11.9 51.9

66 62.6 22.2 62.2#

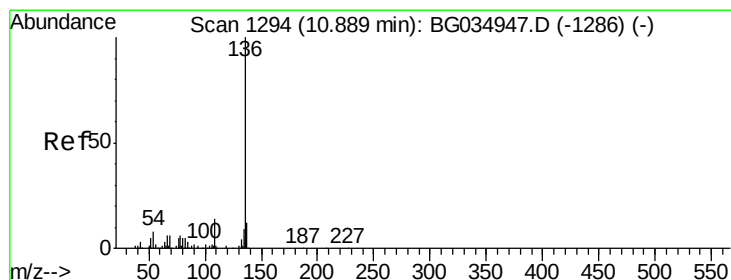
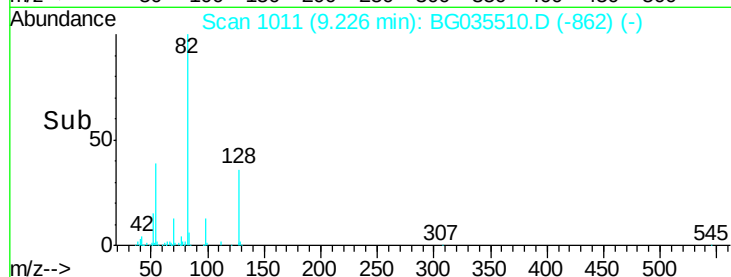
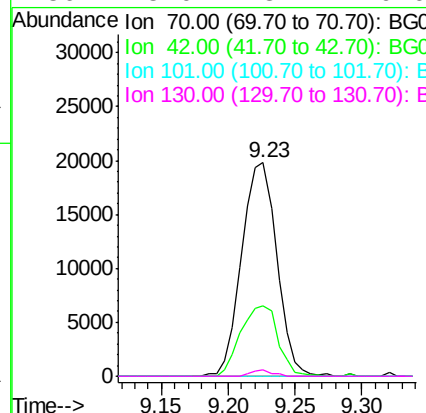
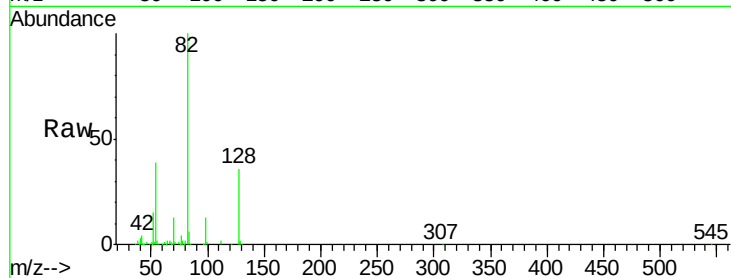




#19
 n-Nitroso-di-n-propylamine
 Concen: 17.370 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. 0.35 min
 Lab File: BG035510.D
 Acq: 29 Jun 2018 12:20

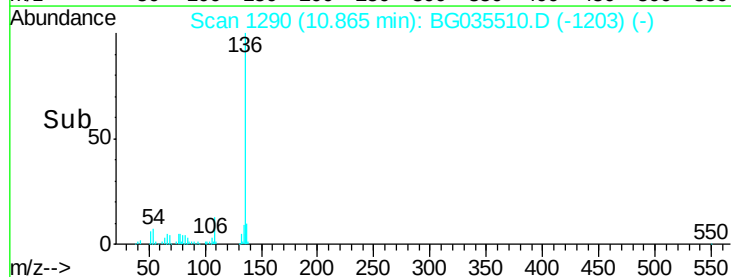
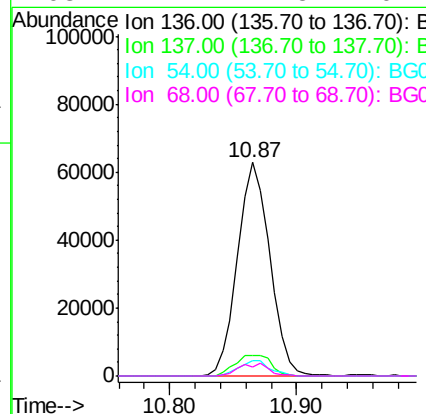
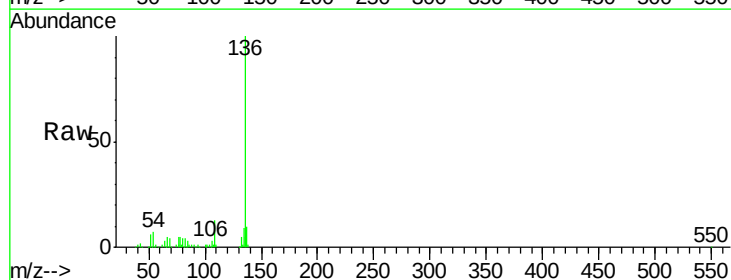
Instrument :
 BNA_G
 ClientSampleId :
 S39-9005

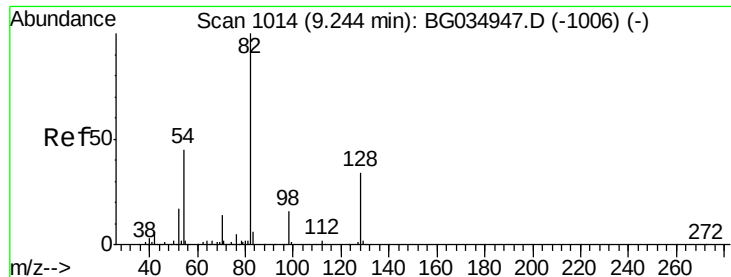
Tgt Ion:	70	Resp:	36164
Ion	Ratio	Lower	Upper
70	100		
42	33.2	49.1	73.7#
101	0.0	8.5	12.7#
130	3.0	13.4	20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.87 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BG035510.D
 Acq: 29 Jun 2018 12:20

Tgt Ion:	136	Resp:	111107
Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.2	13.8
54	7.2	10.3	15.5#
68	4.2	4.5	6.7#

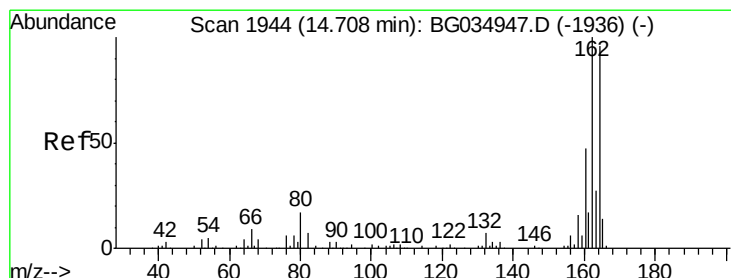
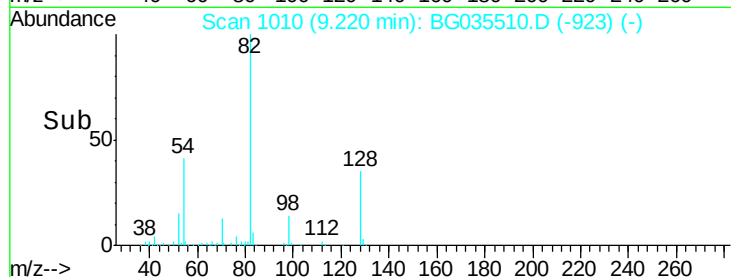
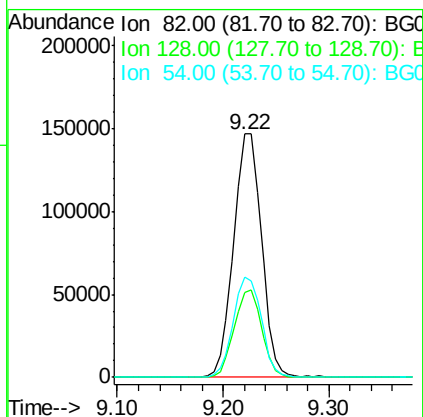
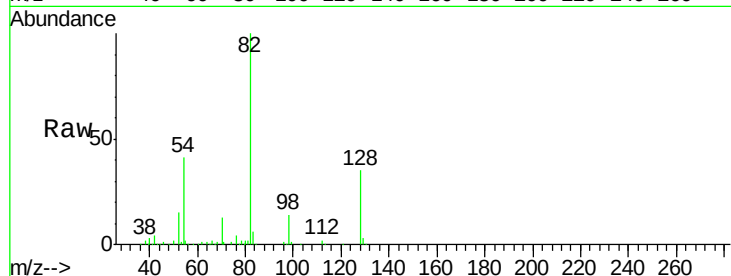




#23
Nitrobenzene-d5
Concen: 115.143 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035510.D
Acq: 29 Jun 2018 12:20

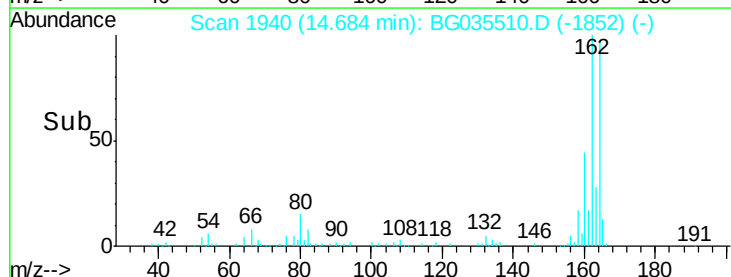
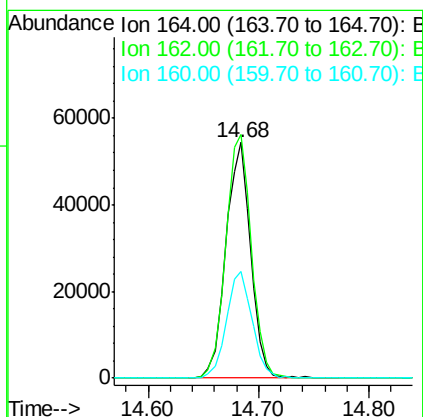
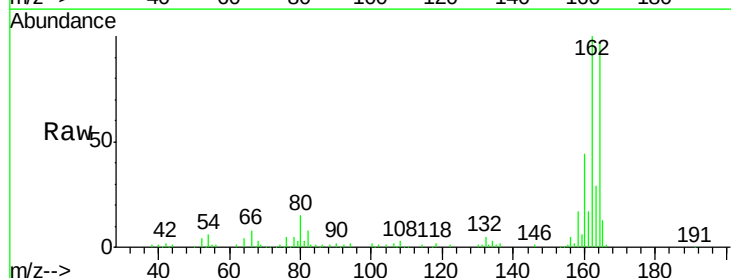
Instrument :
BNA_G
ClientSampleId :
S39-9005

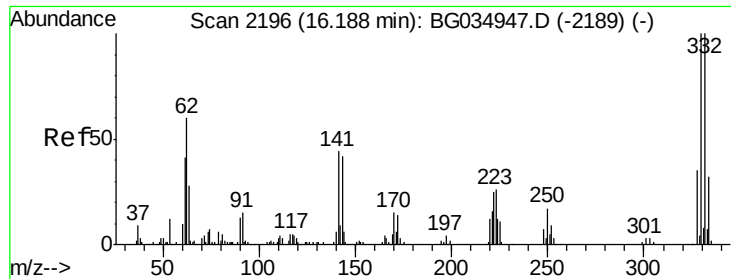
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.7	44.5
54	41.2	43.1	64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035510.D
Acq: 29 Jun 2018 12:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	78.8	118.2
160	45.4	35.4	53.0

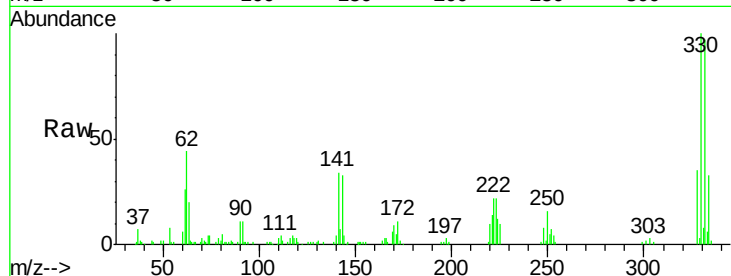




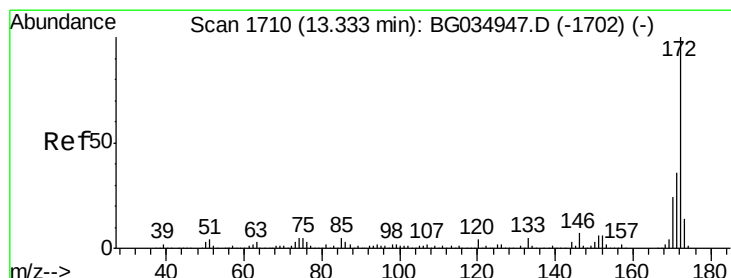
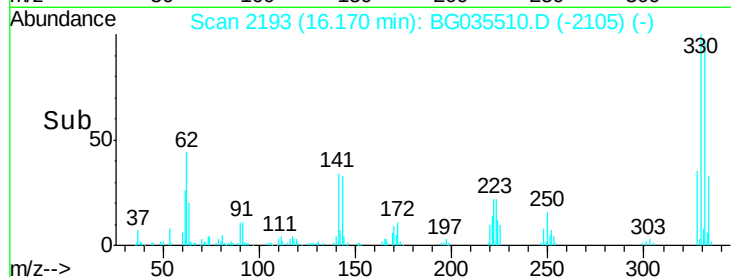
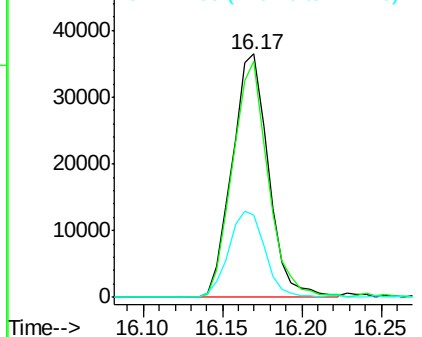
#41
 2,4,6-Tribromophenol
 Concen: 53.240 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035510.D
 Acq: 29 Jun 2018 12:20

Instrument :
 BNA_G
 ClientSampled :
 S39-9005

Tgt Ion:330 Resp: 58016
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 35.0 25.2 37.8

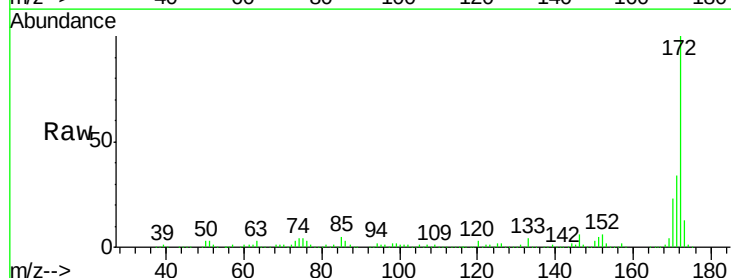


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

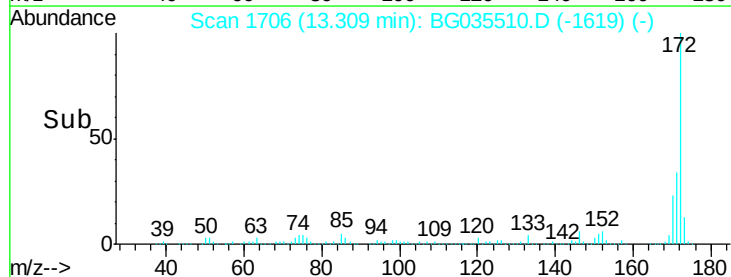
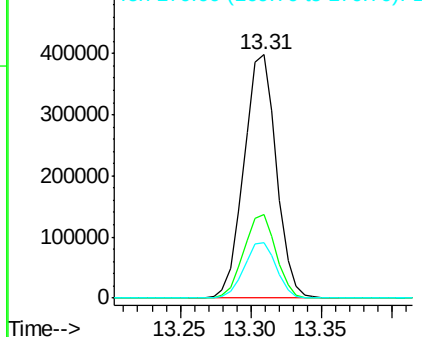


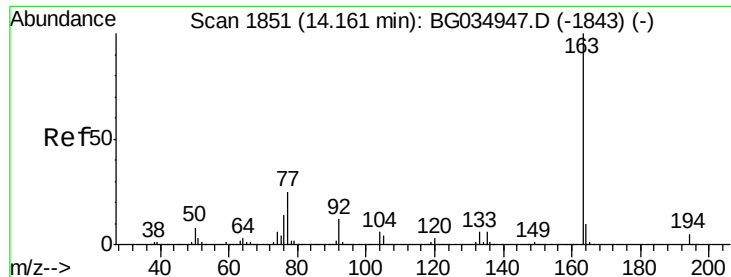
#44
 2-Fluorobiphenyl
 Concen: 97.746 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035510.D
 Acq: 29 Jun 2018 12:20

Tgt Ion:172 Resp: 640047
 Ion Ratio Lower Upper
 172 100
 171 34.2 30.0 45.0
 170 22.9 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: 11.534 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.03 min

Lab File: BG035510.D

Acq: 29 Jun 2018 12:20

Instrument :

BNA_G

ClientSampleId :

S39-9005

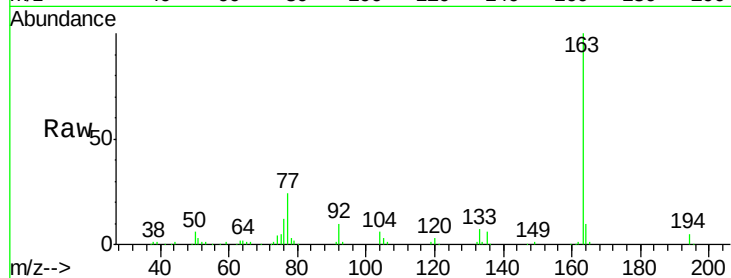
Tgt Ion:163 Resp: 85618

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

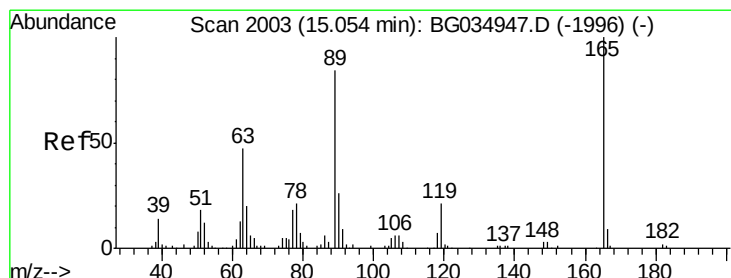
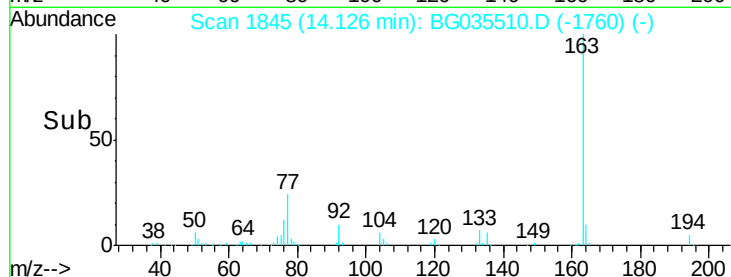
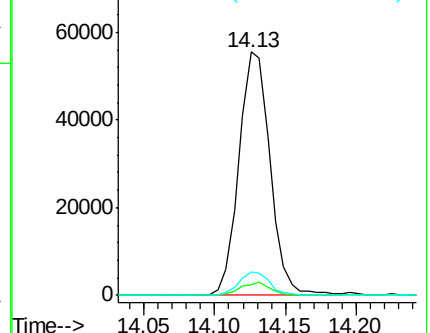
164 9.7 8.2 12.4



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: 6.155 ng

RT: 14.68 min Scan# 1940

Delta R.T. -0.37 min

Lab File: BG035510.D

Acq: 29 Jun 2018 12:20

Tgt Ion:165 Resp: 11072

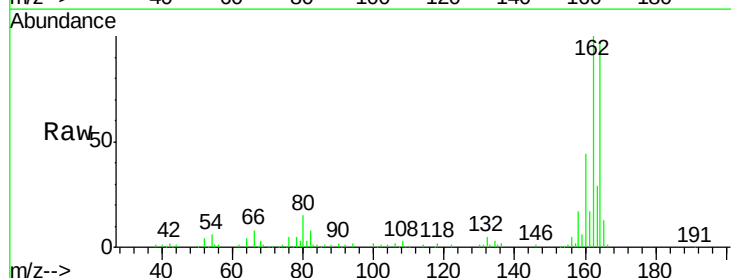
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

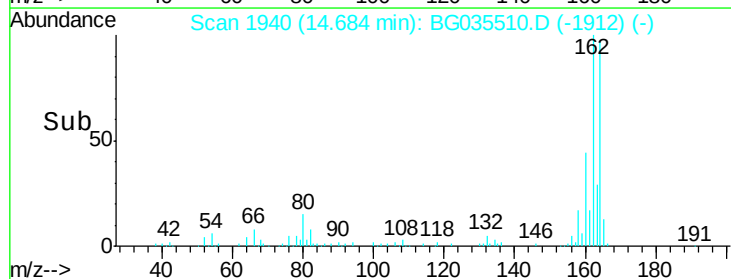
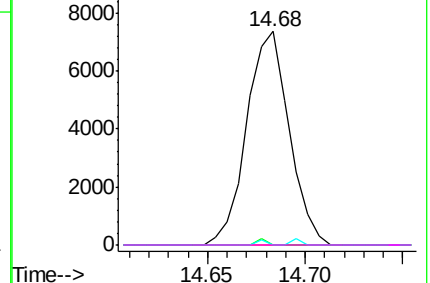


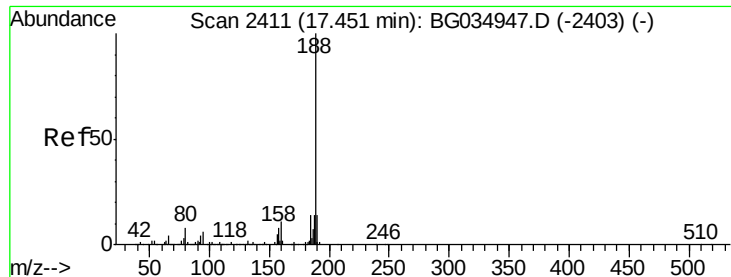
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035510.D

Acq: 29 Jun 2018 12:20

Instrument :

BNA_G

ClientSampleId :

S39-9005

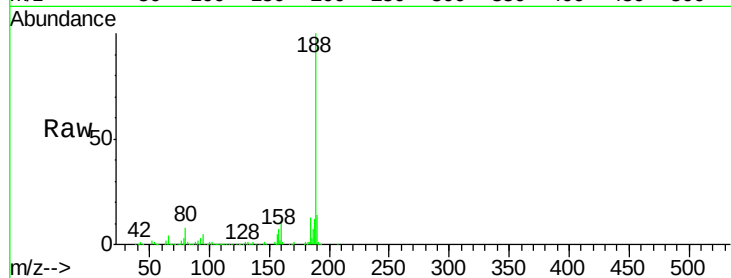
Tgt Ion:188 Resp: 239211

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

80 7.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

200000

150000

100000

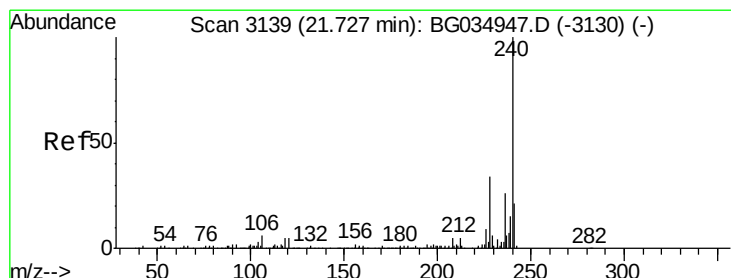
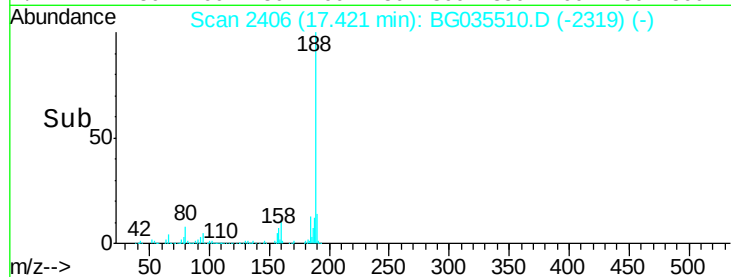
50000

0

17.42

17.40 17.50

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035510.D

Acq: 29 Jun 2018 12:20

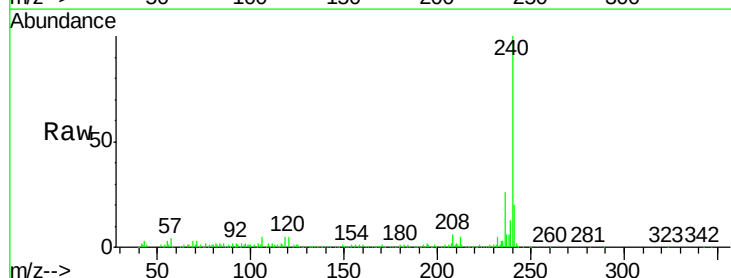
Tgt Ion:240 Resp: 238263

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

236 26.4 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

200000

150000

100000

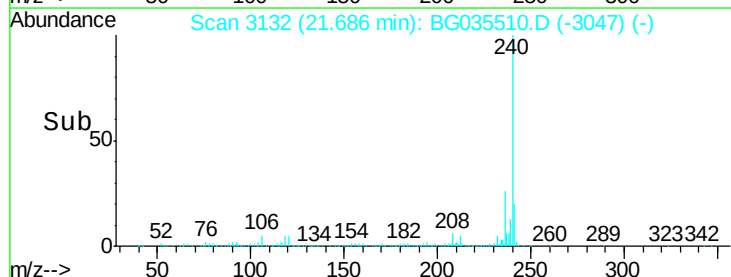
50000

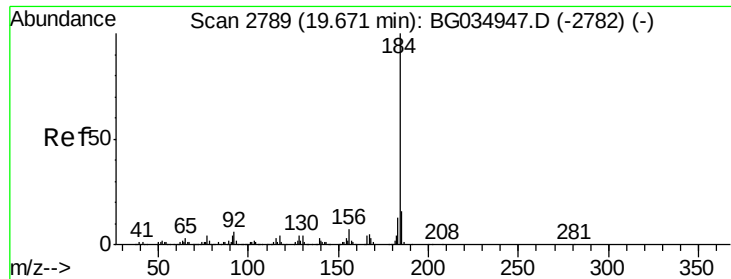
0

21.69

21.60 21.70

Time-->





#76

Benzidine

Concen: 2.010 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.36 min

Lab File: BG035510.D

Acq: 29 Jun 2018 12:20

Instrument :

BNA_G

ClientSampleId :

S39-9005

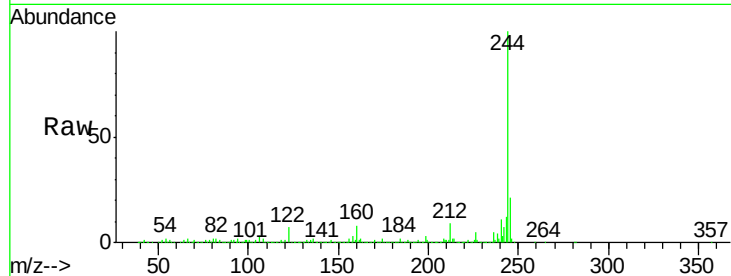
Tgt Ion:184 Resp: 17816

Ion Ratio Lower Upper

184 100

185 26.5 11.1 16.7#

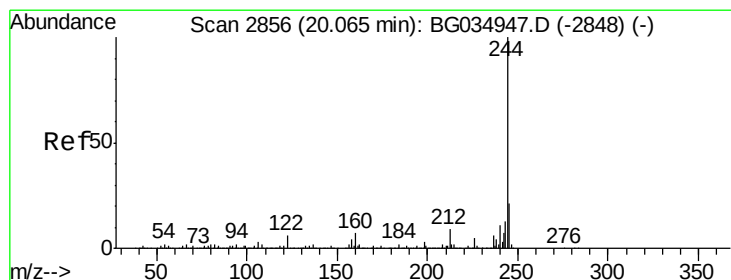
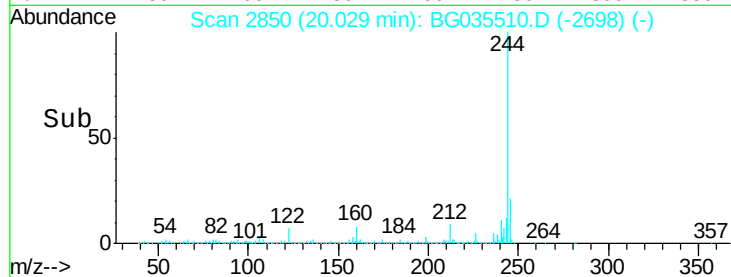
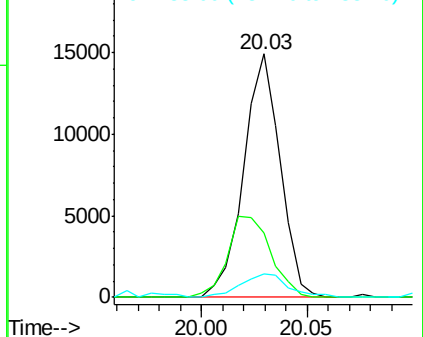
183 9.8 10.6 16.0#



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: 94.695 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035510.D

Acq: 29 Jun 2018 12:20

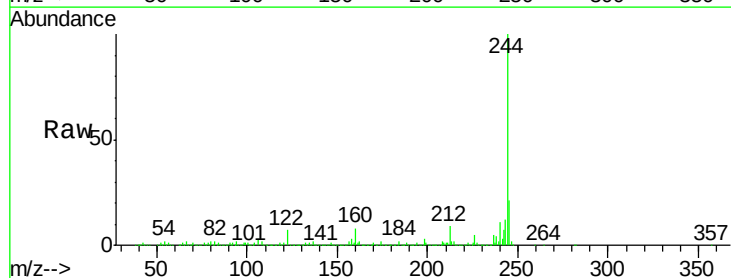
Tgt Ion:244 Resp: 1077133

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

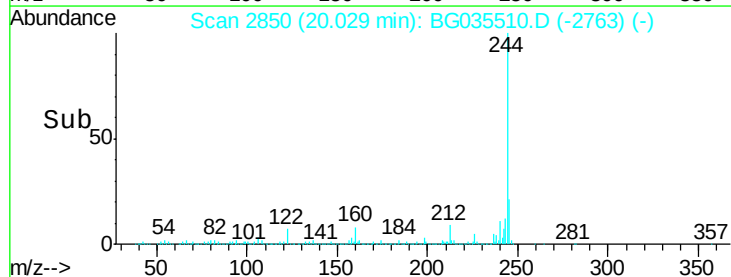
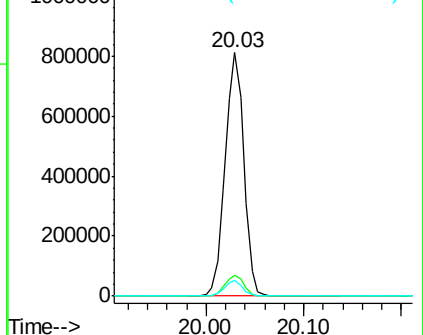
122 6.5 7.0 10.4#

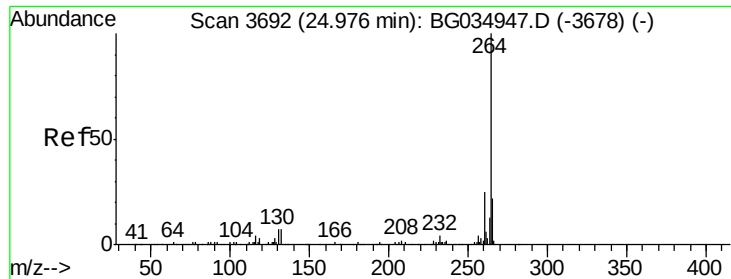


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.92 min Scan# 3682
 Delta R.T. -0.04 min
 Lab File: BG035510.D
 Acq: 29 Jun 2018 12:20

Instrument :
 BNA_G
 ClientSampleId :
 S39-9005

Tgt Ion: 264 Resp: 234103
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.4 26.0
 265 21.3 17.7 26.5

