

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080618\
 Data File : BG036132.D
 Acq On : 6 Aug 2018 18:07
 Operator : JU/SJ
 Sample : J4313-08RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-8

Quant Time: Aug 07 01:01:31 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 31 12:30:06 2018
 Response via : Initial Calibration

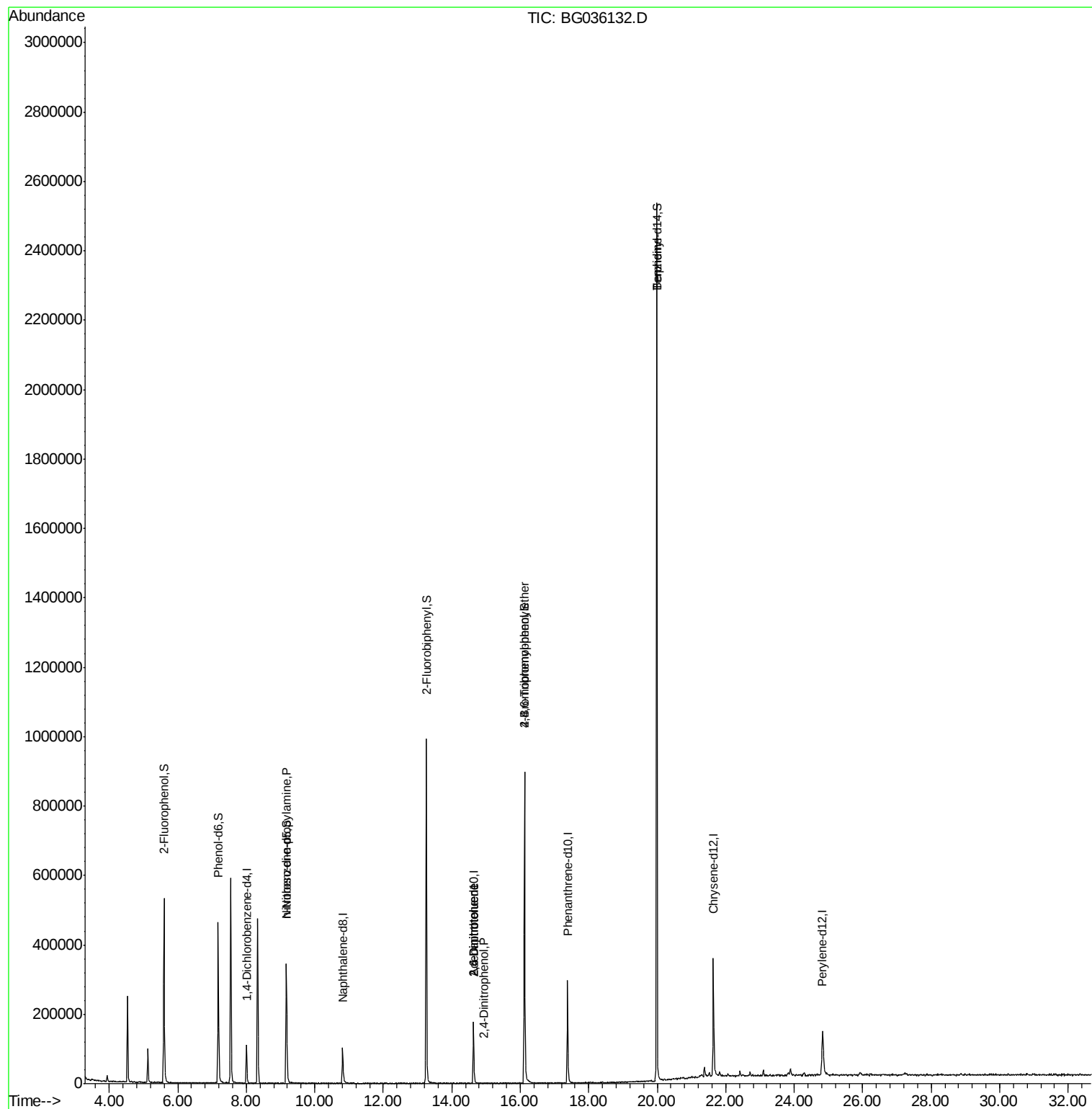
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	30930	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	101148	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	71277	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	213631	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	246289	20.00	ng	-0.02
86) Perylene-d12	24.83	264	125232	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	235518	126.42	ng	0.00
7) Phenol-d6	7.18	99	296441	106.65	ng	-0.01
23) Nitrobenzene-d5	9.17	82	258902	106.93	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	184074	195.93	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	548846	103.16	ng	-0.02
78) Terphenyl-d14	19.99	244	1261723	112.92	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	36692	15.676	ng	# 66
50) 2,6-Dinitrotoluene	14.64	165	8636	6.791	ng	# 18
53) 2,4-Dinitrophenol	14.94	184	59	6.665	ng	# 1
56) 2,4-Dinitrotoluene	14.64	165	8636	4.734	ng	# 16
66) 4-Bromophenyl-phenylether	16.12	248	14766	5.958	ng	# 1
76) Benzidine	19.99	184	22597	3.490	ng	# 93

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

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QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration



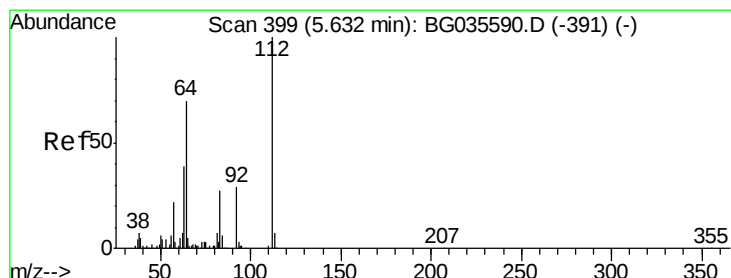
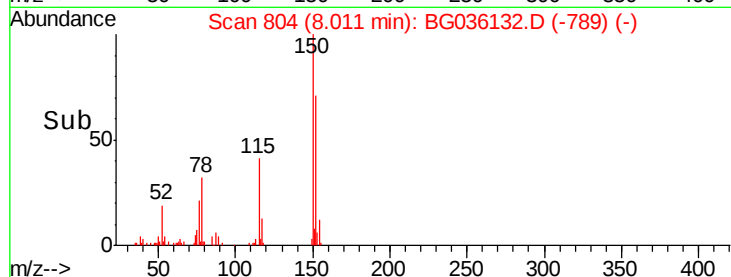
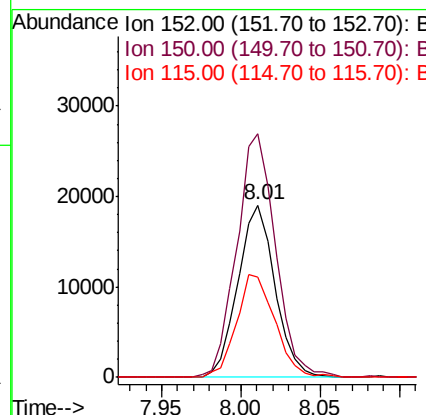
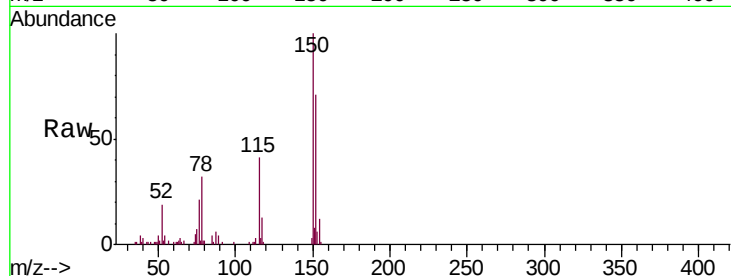


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036132.D
Acq: 6 Aug 2018 18:07

Instrument :
BNA_G
ClientSampleId :
C-8

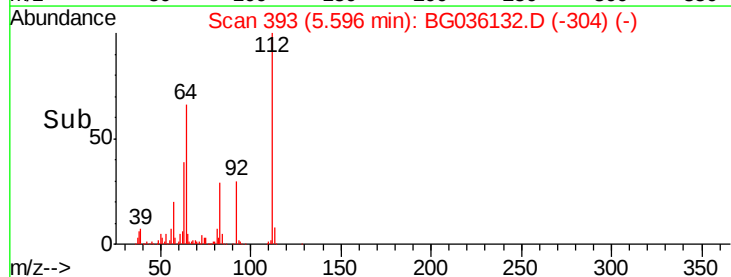
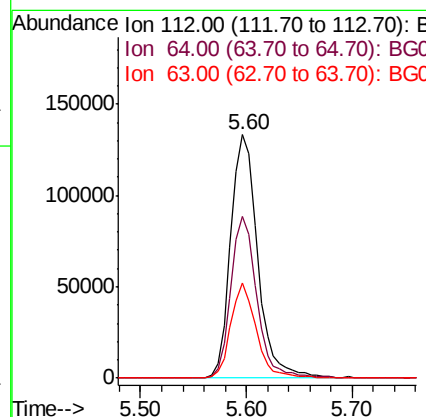
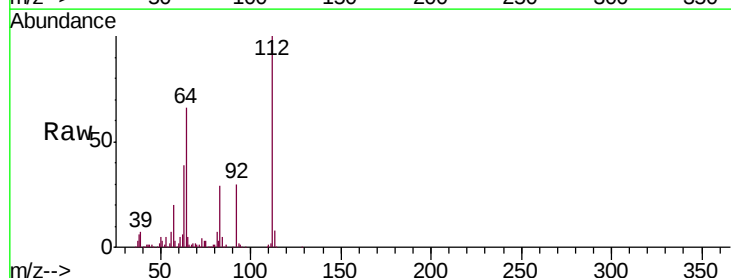
Tgt Ion:152 Resp: 30930
Ion Ratio Lower Upper
152 100
150 141.4 126.6 189.8
115 58.0 53.0 79.4

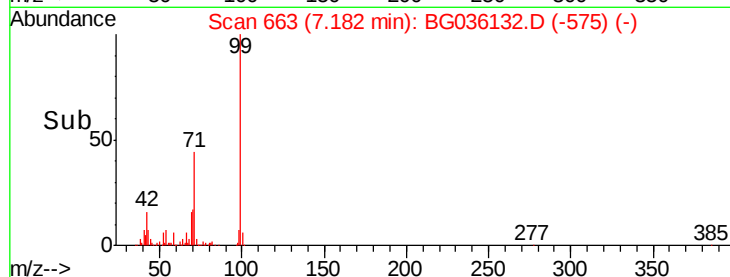
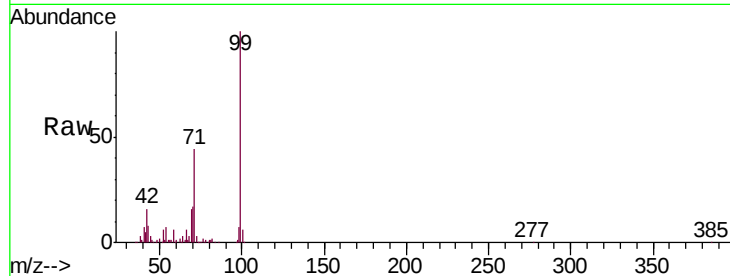
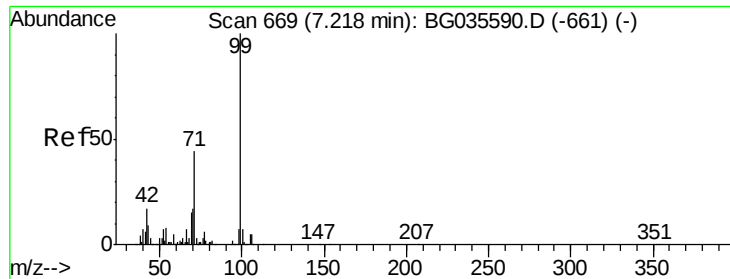


#5

2-Fluorophenol
Concen: 126.419 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036132.D
Acq: 6 Aug 2018 18:07

Tgt Ion:112 Resp: 235518
Ion Ratio Lower Upper
112 100
64 66.4 56.3 84.5
63 38.9 30.1 45.1





#7

Phenol-d6

Concen: 106.650 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036132.D

Acq: 6 Aug 2018 18:07

Instrument :

BNA_G

ClientSampleId :

C-8

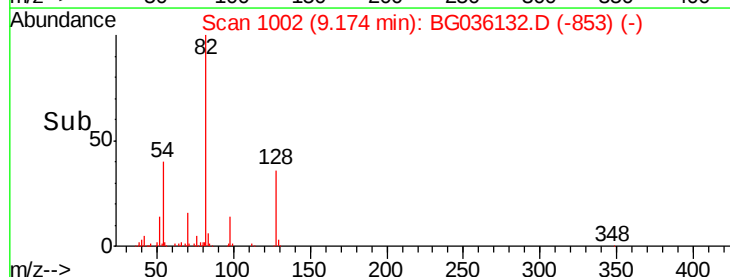
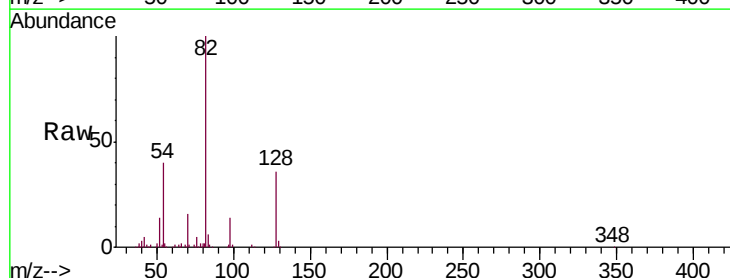
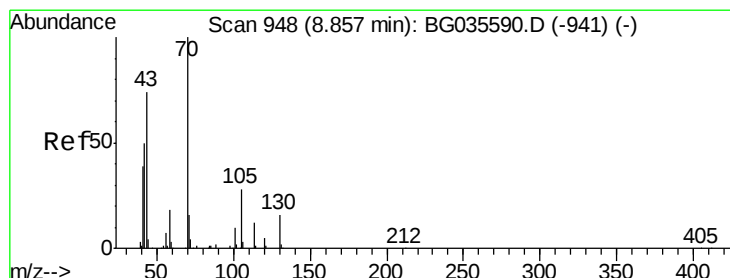
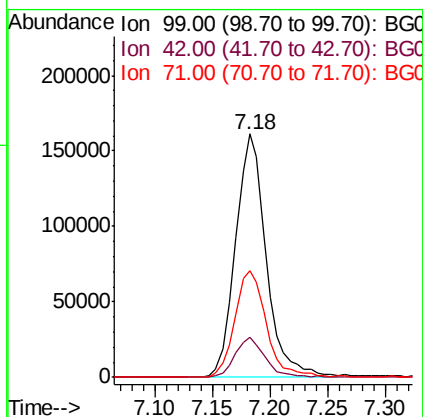
Tgt Ion: 99 Resp: 296441

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

71 43.6 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.676 ng

RT: 9.17 min Scan# 1002

Delta R.T. 0.34 min

Lab File: BG036132.D

Acq: 6 Aug 2018 18:07

Tgt Ion: 70 Resp: 36692

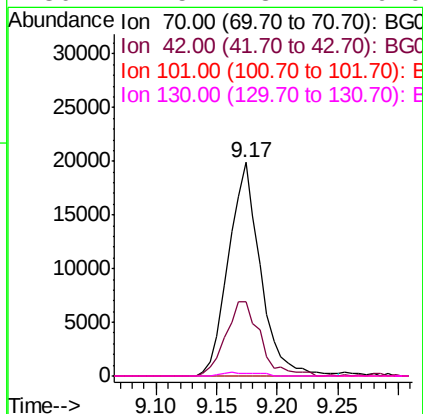
Ion Ratio Lower Upper

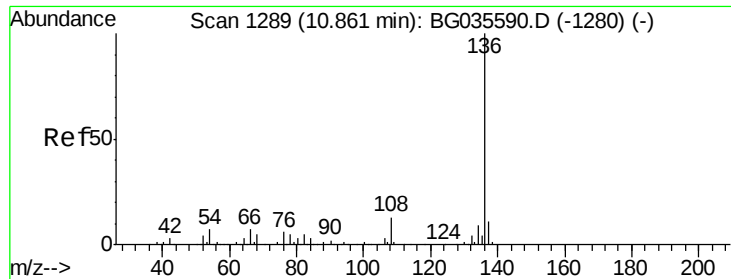
70 100

42 34.6 49.1 73.7#

101 0.0 8.5 12.7#

130 1.5 13.4 20.0#

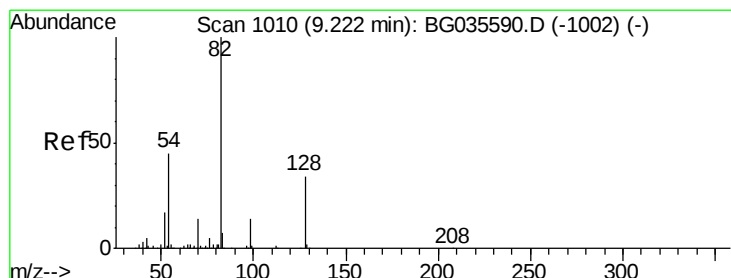
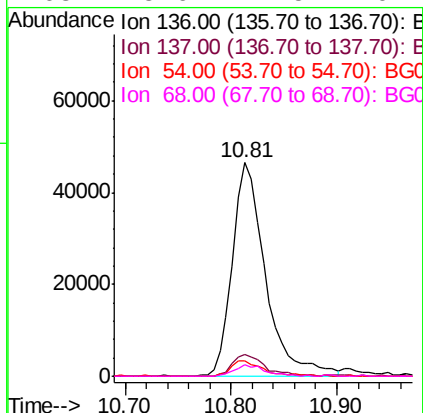
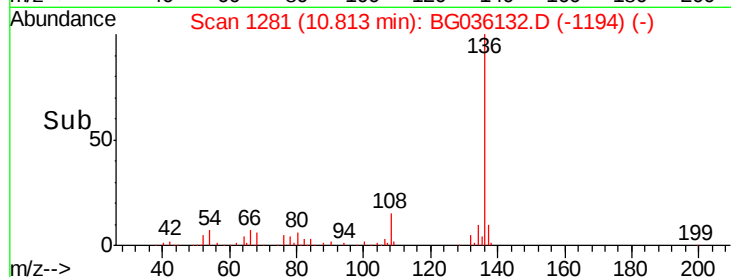
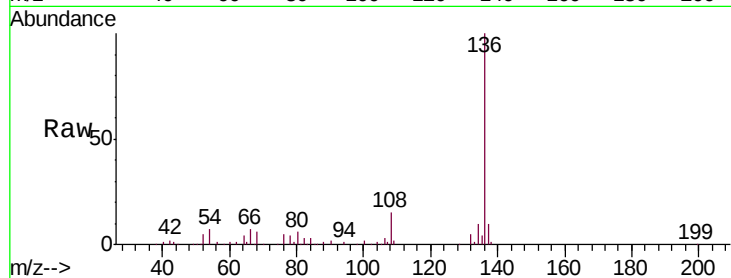




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036132.D
Acq: 6 Aug 2018 18:07

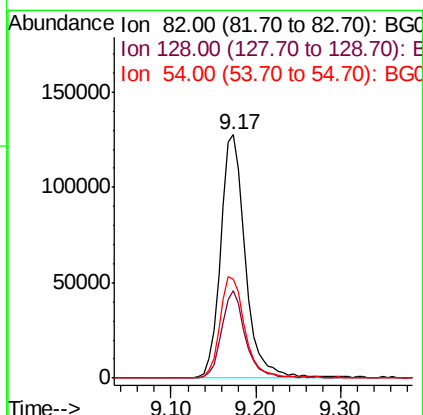
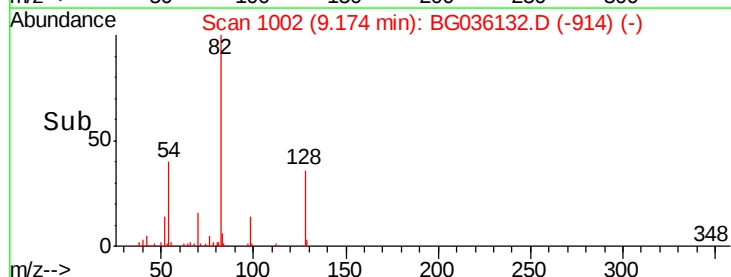
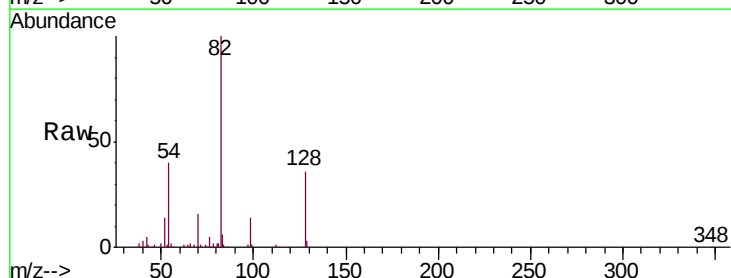
Instrument :
BNA_G
ClientSampleId :
C-8

Tgt Ion:	136	Resp:	101148
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	7.4	10.3	15.5#
68	5.6	4.5	6.7



#23
Nitrobenzene-d5
Concen: 106.928 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG036132.D
Acq: 6 Aug 2018 18:07

Tgt Ion:	82	Resp:	258902
Ion	Ratio	Lower	Upper
82	100		
128	36.0	29.7	44.5
54	40.4	43.1	64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG036132.D

Acq: 6 Aug 2018 18:07

Instrument :

BNA_G

ClientSampleId :

C-8

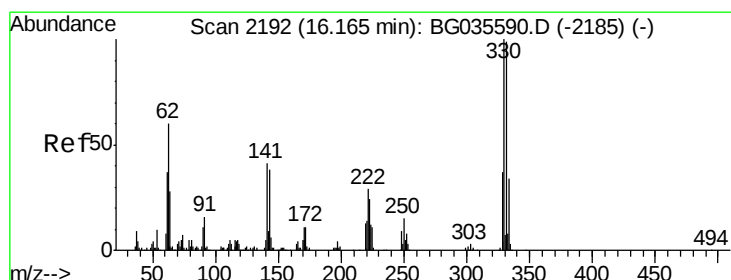
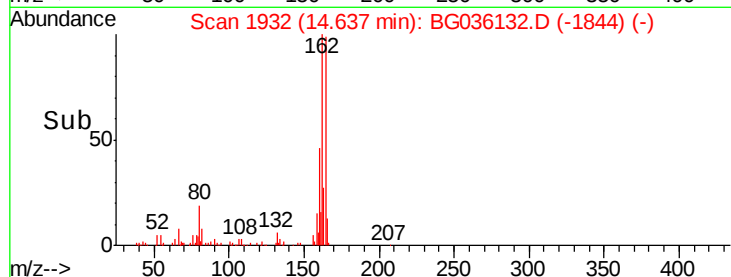
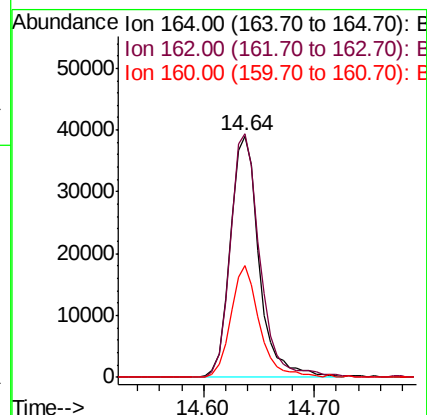
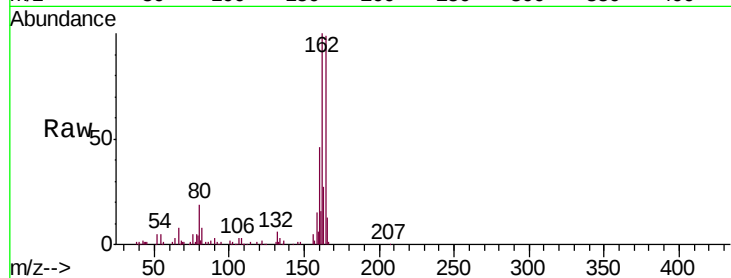
Tgt Ion:164 Resp: 71277

Ion Ratio Lower Upper

164 100

162 101.0 78.8 118.2

160 46.3 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 195.932 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036132.D

Acq: 6 Aug 2018 18:07

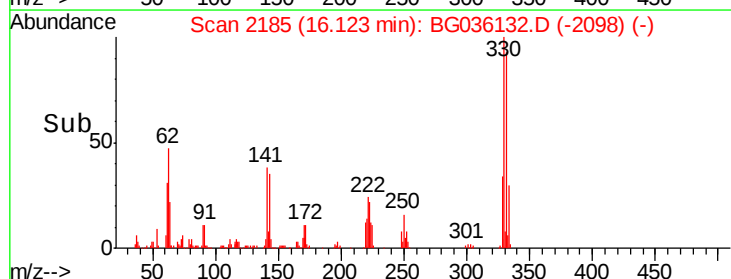
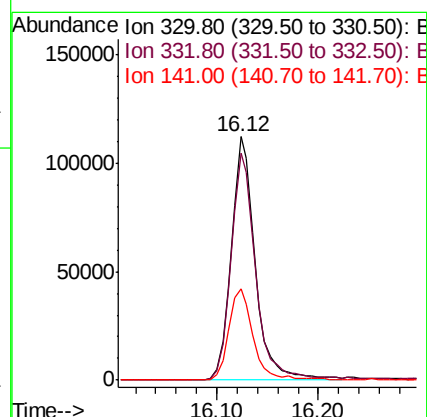
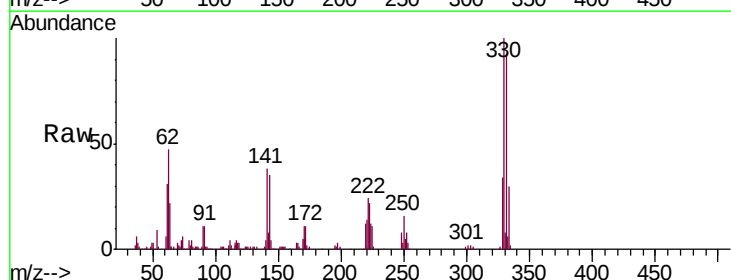
Tgt Ion:330 Resp: 184074

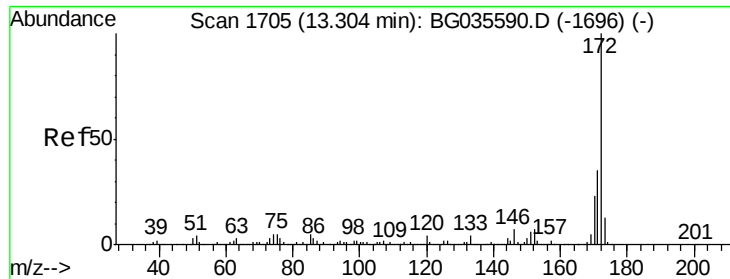
Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

141 37.6 25.2 37.8

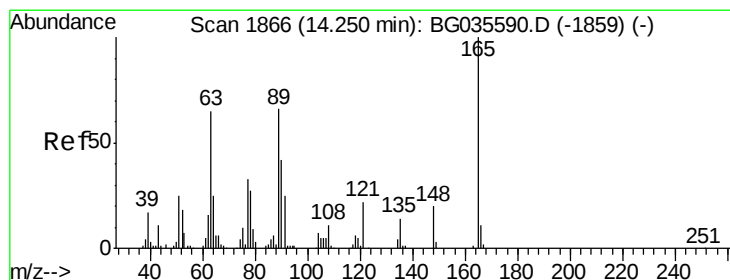
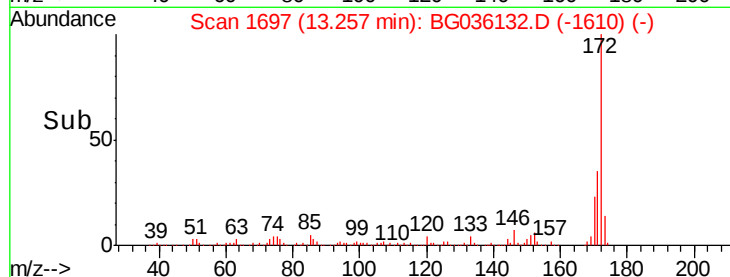
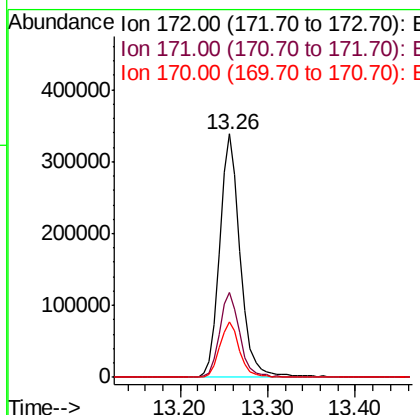
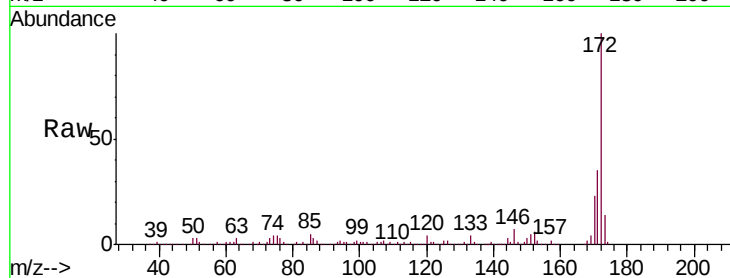




#44
 2-Fluorobiphenyl
 Concen: 103.163 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036132.D
 Acq: 6 Aug 2018 18:07

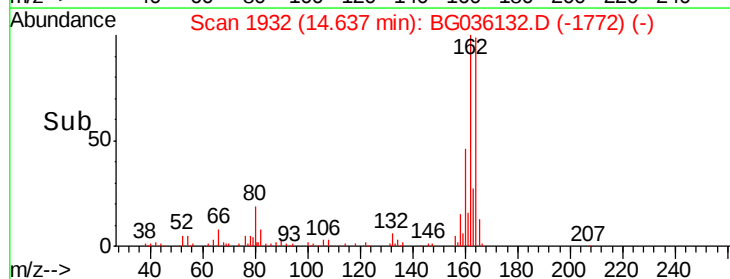
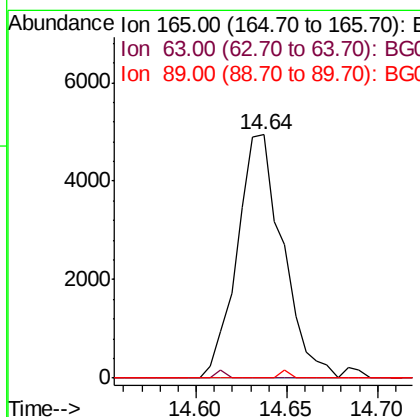
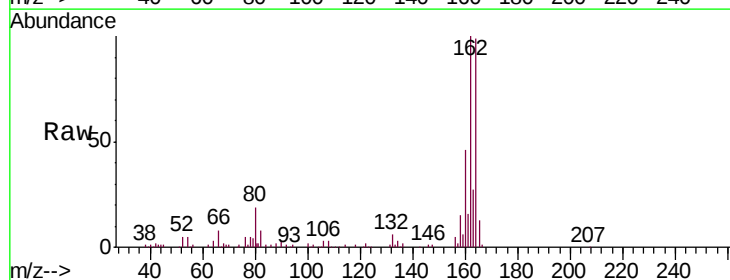
Instrument :
 BNA_G
 ClientSampleId :
 C-8

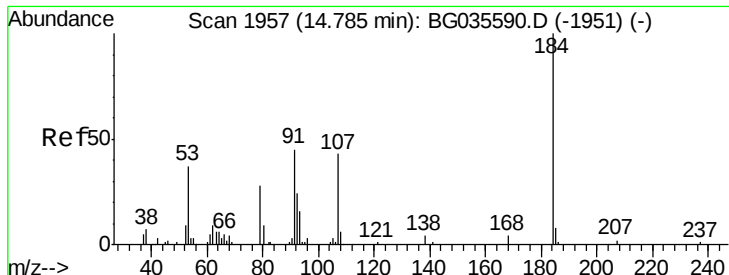
Tgt Ion:172 Resp: 548846
 Ion Ratio Lower Upper
 172 100
 171 35.0 30.0 45.0
 170 22.8 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 6.791 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. 0.41 min
 Lab File: BG036132.D
 Acq: 6 Aug 2018 18:07

Tgt Ion:165 Resp: 8636
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

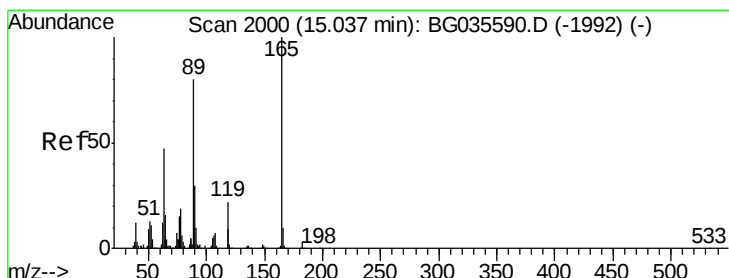
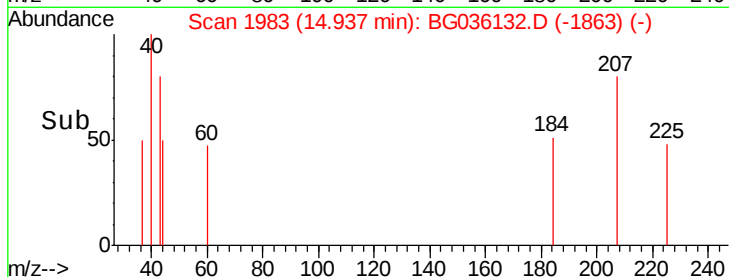
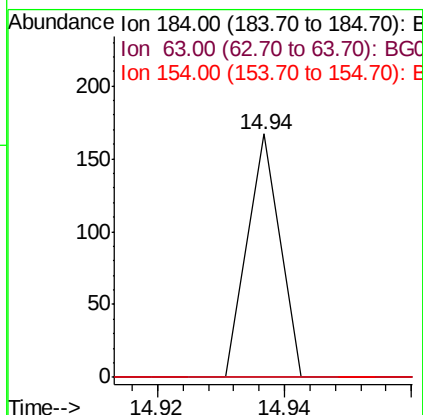
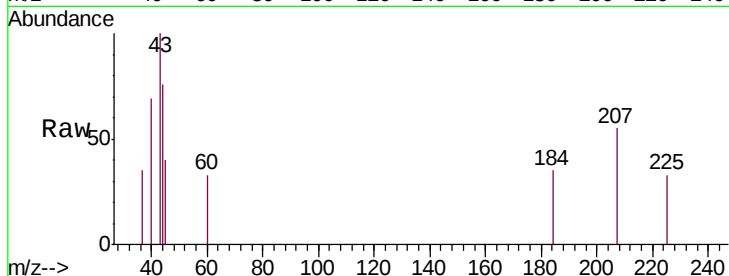




#53
 2,4-Dinitrophenol
 Concen: 6.665 ng
 RT: 14.94 min Scan# 1983
 Delta R.T. 0.17 min
 Lab File: BG036132.D
 Acq: 6 Aug 2018 18:07

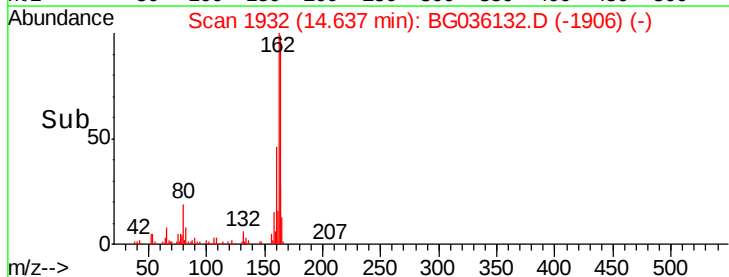
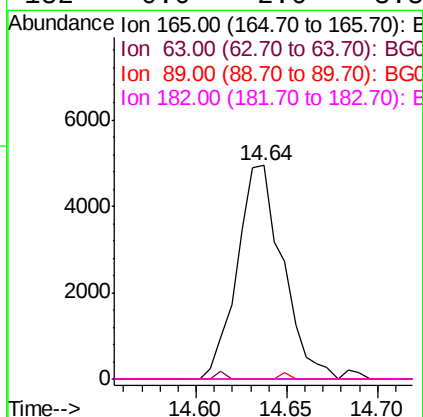
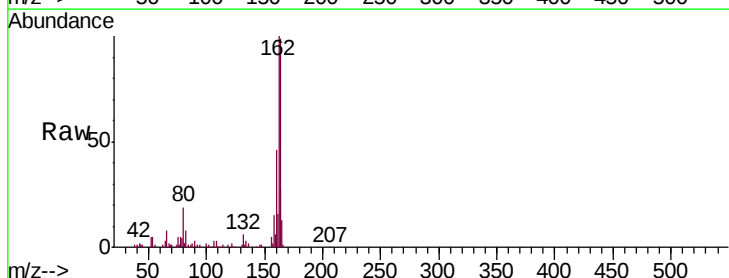
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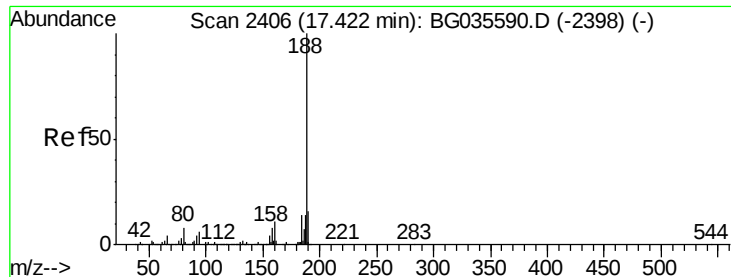
Tgt Ion:184 Resp: 59
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.734 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.38 min
 Lab File: BG036132.D
 Acq: 6 Aug 2018 18:07

Tgt Ion:165 Resp: 8636
 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#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036132.D

Acq: 6 Aug 2018 18:07

Instrument :

BNA_G

ClientSampleId :

C-8

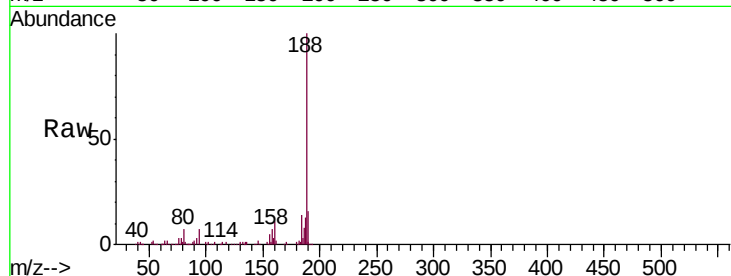
Tgt Ion:188 Resp: 213631

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

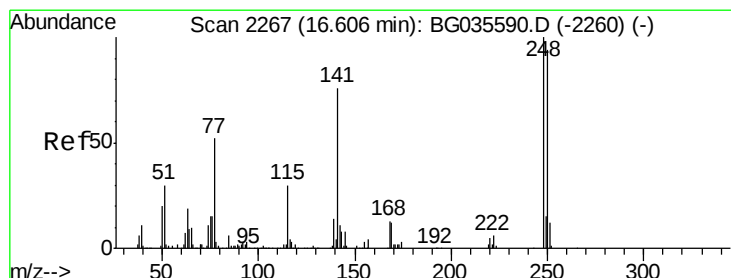
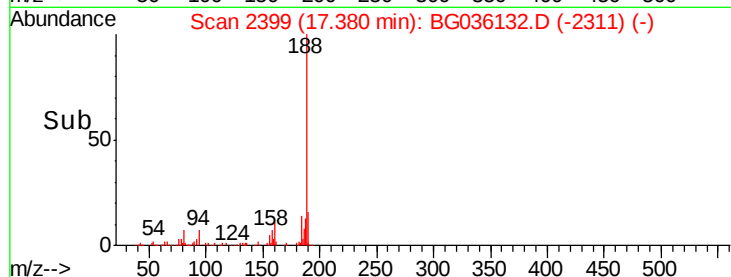
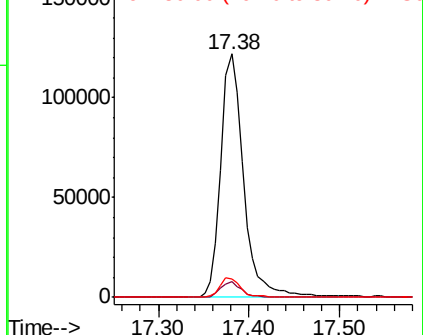
80 7.4 7.7 11.5#



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



#66

4-Bromophenyl-phenylether

Concen: 5.958 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.46 min

Lab File: BG036132.D

Acq: 6 Aug 2018 18:07

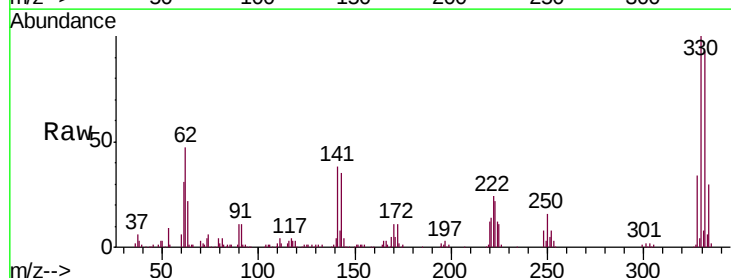
Tgt Ion:248 Resp: 14766

Ion Ratio Lower Upper

248 100

250 186.4 77.1 115.7#

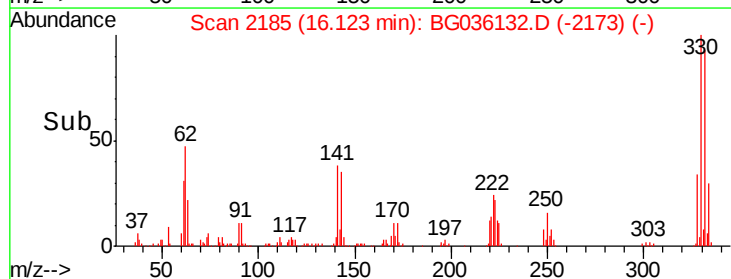
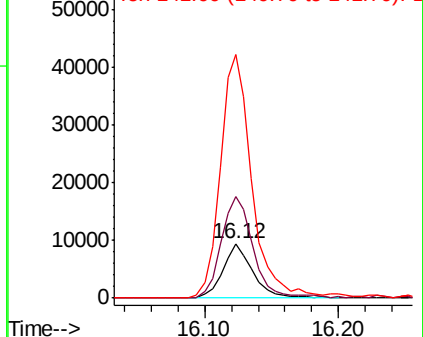
141 444.4 50.8 76.2#

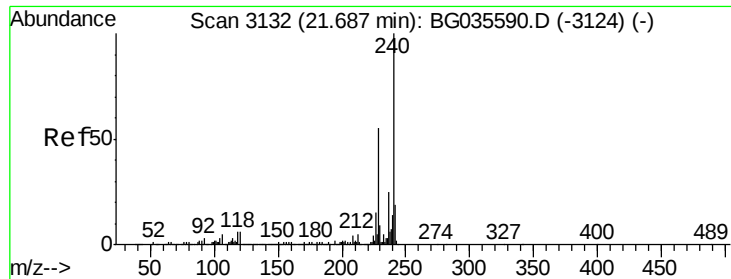


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

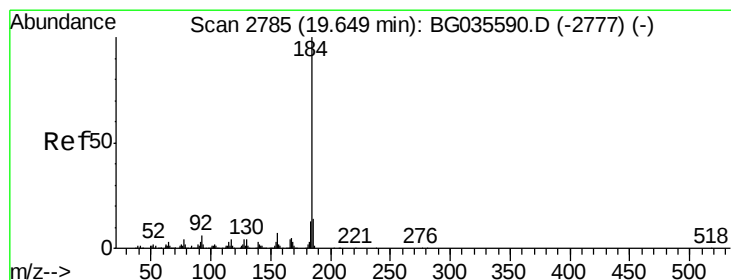
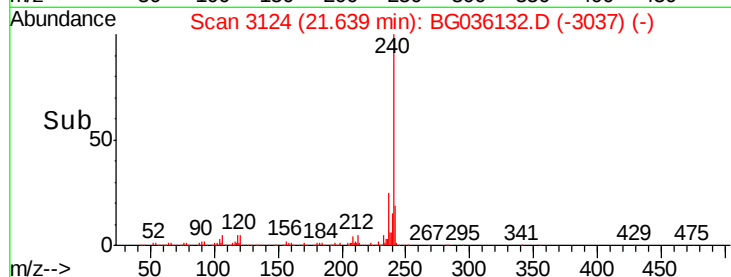
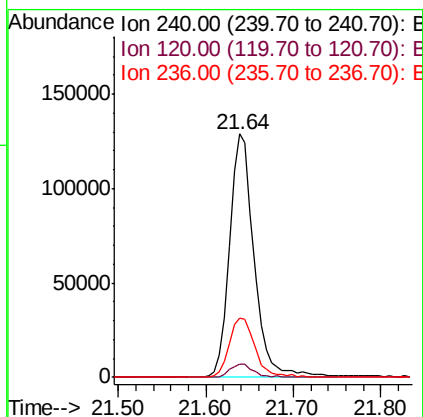
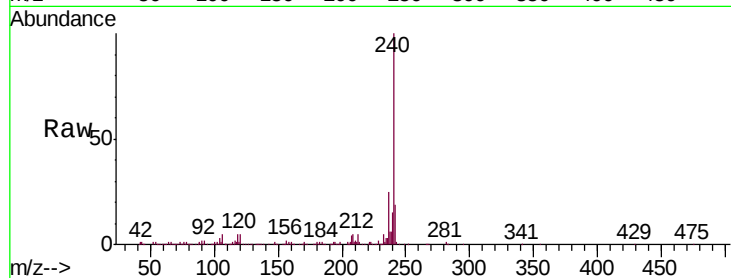




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036132.D
Acq: 6 Aug 2018 18:07

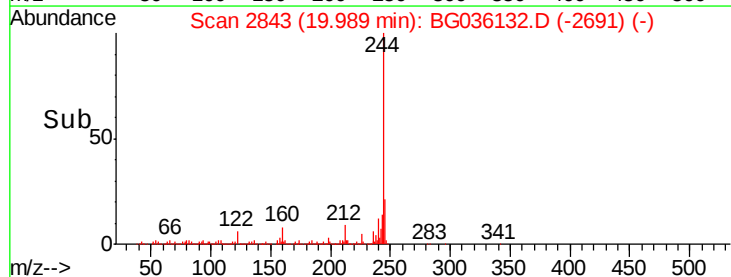
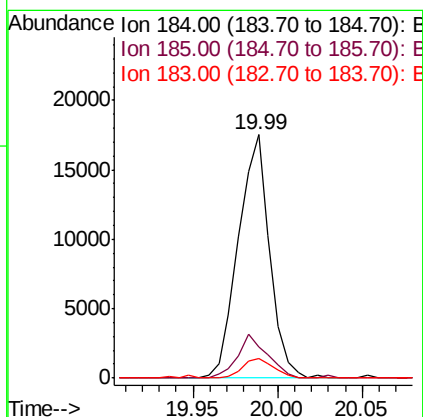
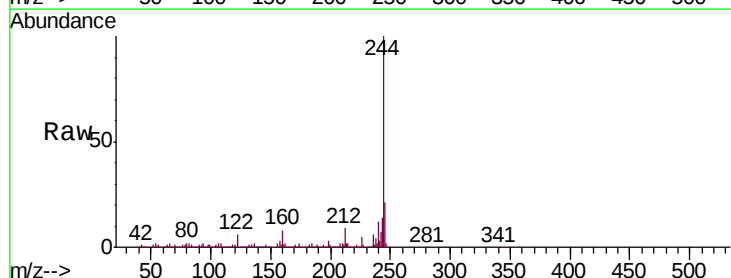
Instrument :
BNA_G
ClientSampleId :
C-8

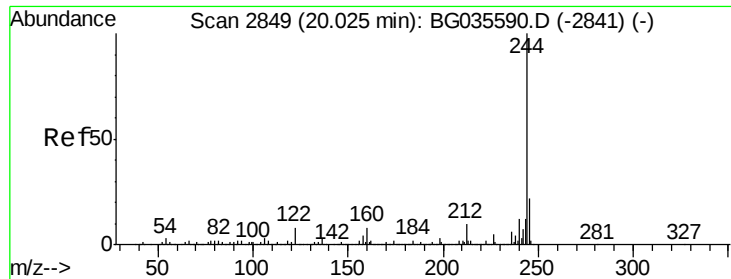
Tgt Ion:240 Resp: 246289
Ion Ratio Lower Upper
240 100
120 5.2 6.8 10.2#
236 24.6 20.9 31.3



#76
Benzidine
Concen: 3.490 ng
RT: 19.99 min Scan# 2843
Delta R.T. 0.36 min
Lab File: BG036132.D
Acq: 6 Aug 2018 18:07

Tgt Ion:184 Resp: 22597
Ion Ratio Lower Upper
184 100
185 13.0 11.1 16.7
183 8.1 10.6 16.0#





#78

Terphenyl-d14

Concen: 112.925 ng

RT: 19.99 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG036132.D

Acq: 6 Aug 2018 18:07

Instrument :

BNA_G

ClientSampleId :

C-8

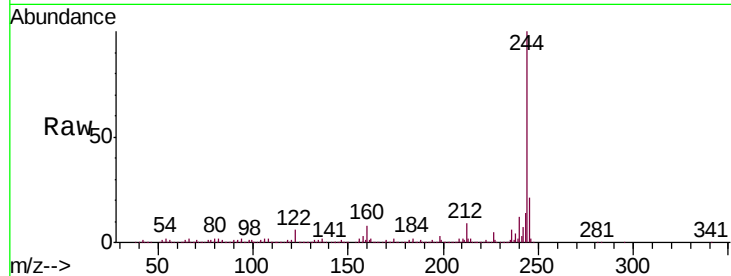
Tgt Ion:244 Resp: 1261723

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

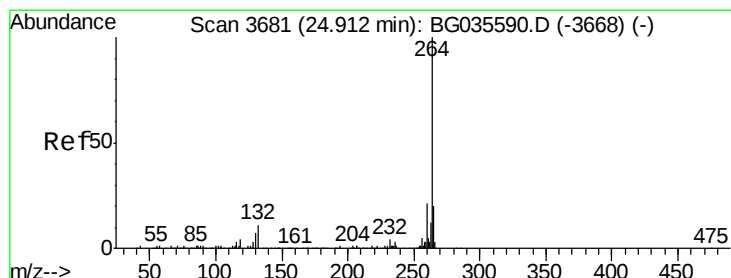
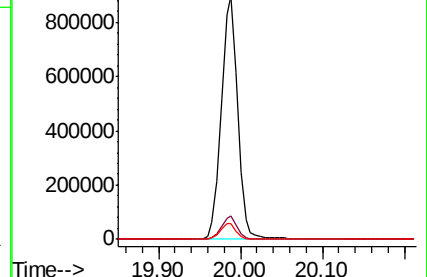
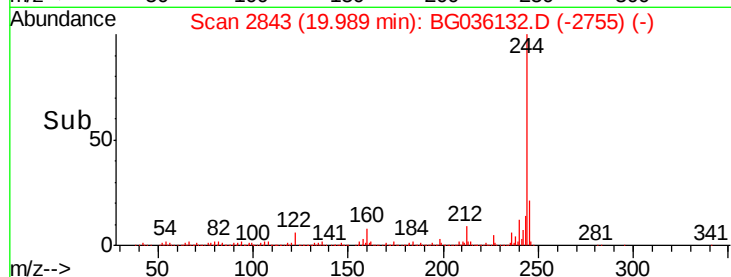
122 6.4 7.0 10.4#



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: 24.83 min Scan# 3667

Delta R.T. -0.03 min

Lab File: BG036132.D

Acq: 6 Aug 2018 18:07

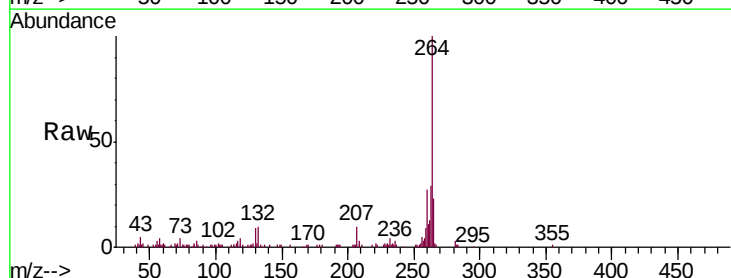
Tgt Ion:264 Resp: 125232

Ion Ratio Lower Upper

264 100

260 26.8 17.4 26.0#

265 23.4 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

