

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
 Data File : BG038295.D
 Acq On : 1 Dec 2018 20:06
 Operator : JU/SJ
 Sample : J6128-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112718-CHDE-F-D-B

Quant Time: Dec 03 01:09:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

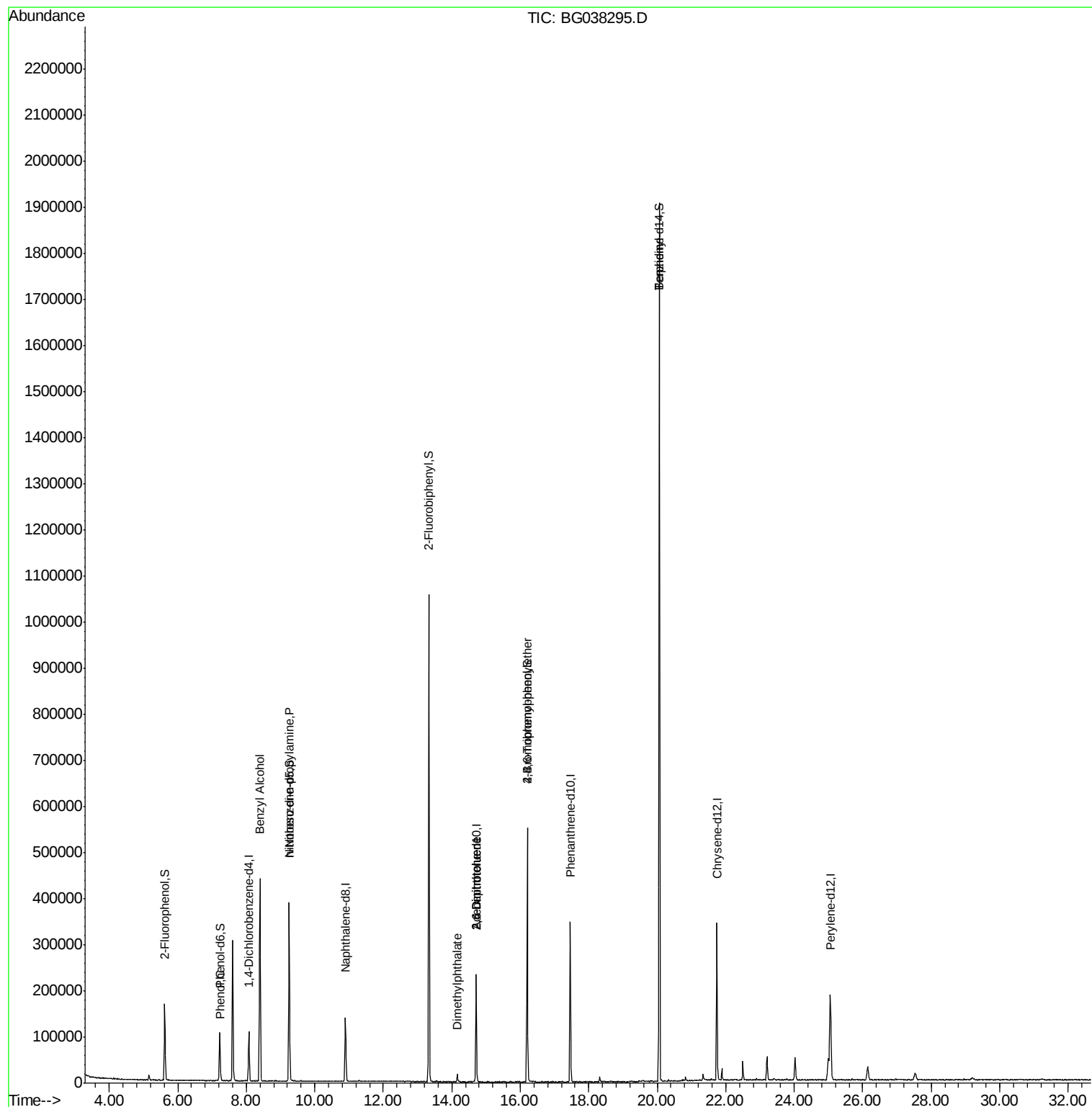
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	30807	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	128927	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	87344	20.00	ng	-0.01
64) Phenanthrene-d10	17.46	188	217944	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	205906	20.00	ng	-0.01
87) Perylene-d12	25.05	264	212346	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	73617	41.26	ng	-0.01
7) Phenol-d6	7.22	99	62814	24.66	ng	0.00
23) Nitrobenzene-d5	9.25	82	240154	99.71	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	104266	104.67	ng	-0.01
45) 2-Fluorobiphenyl	13.34	172	566999	94.57	ng	-0.01
79) Terphenyl-d14	20.06	244	918123	104.92	ng	0.00
Target Compounds						
10) Phenol	7.25	94	7350	2.724	ng	86
15) Benzyl Alcohol	8.40	79	3925	2.130	ng	# 60
19) n-Nitroso-di-n-propylamine	9.25	70	31467	17.074	ng	# 77
50) Dimethylphthalate	14.16	163	15080	2.178	ng	# 97
51) 2,6-Dinitrotoluene	14.71	165	11010	7.025	ng	# 23
57) 2,4-Dinitrotoluene	14.71	165	11010	5.163	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	7055	2.949	ng	# 1
77) Benzidine	20.06	184	16823	2.328	ng	# 93

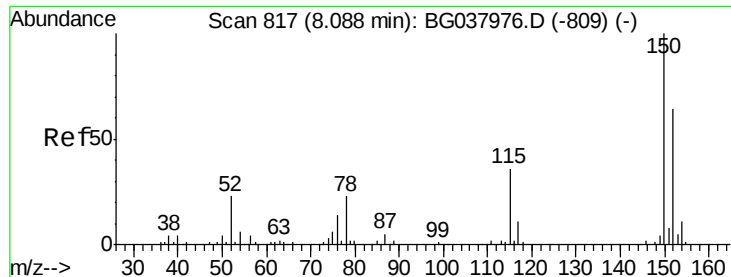
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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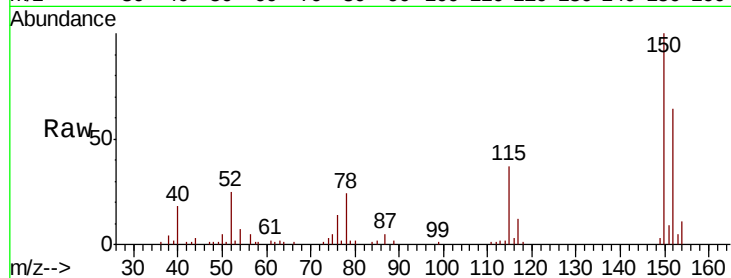


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038295.D
Acq: 1 Dec 2018 20:06

Instrument :
BNA_G
ClientSampleId :
112718-CHDE-F-D-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.0	189.0
115	57.6	45.5	68.3

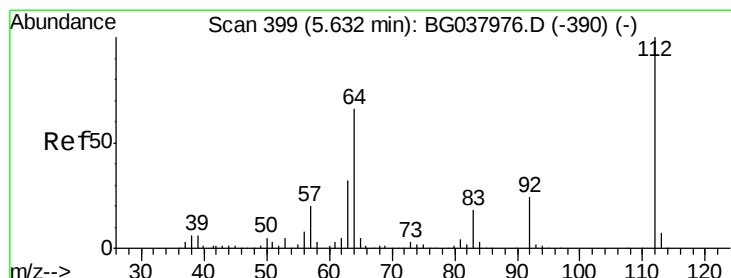
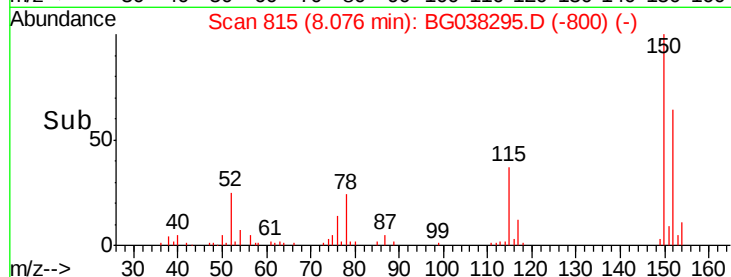
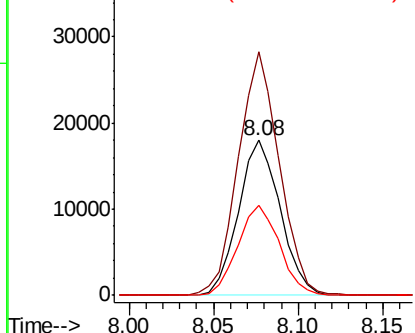


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

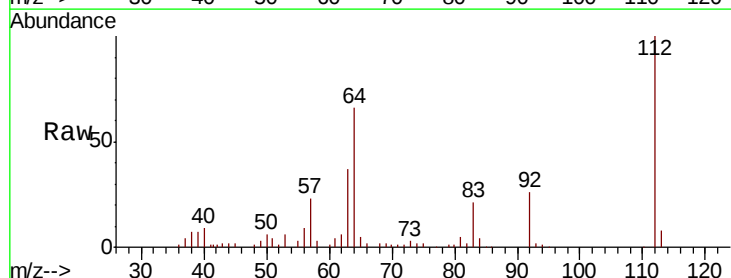
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.258 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG038295.D
Acq: 1 Dec 2018 20:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	53.1	79.7
63	36.8	27.3	40.9

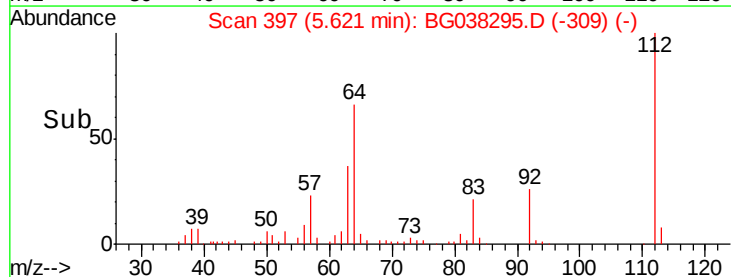
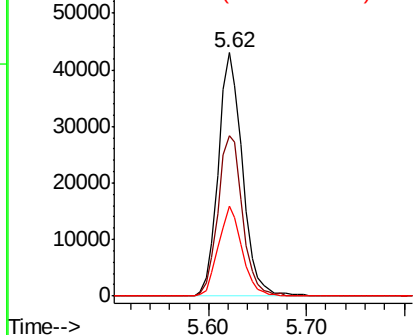


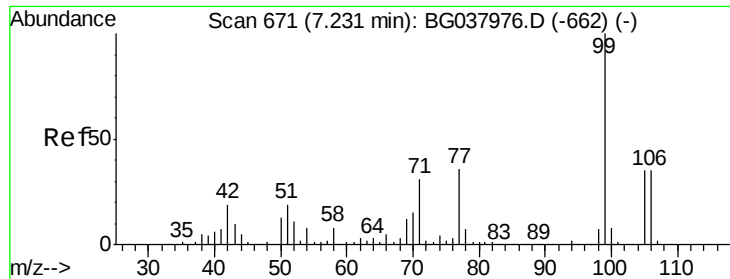
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 24.662 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038295.D

Acq: 1 Dec 2018 20:06

Instrument :

BNA_G

ClientSampleId :

112718-CHDE-F-D-B

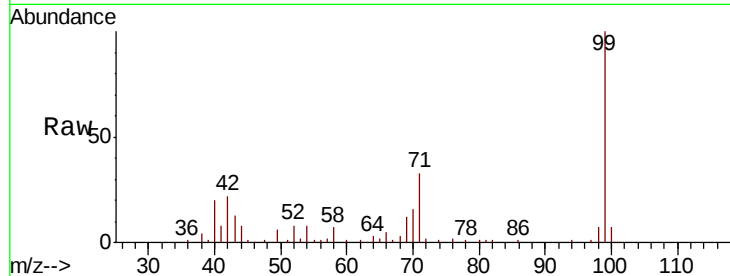
Tot Ion: 99 Resp: 62814

Ion Ratio Lower Upper

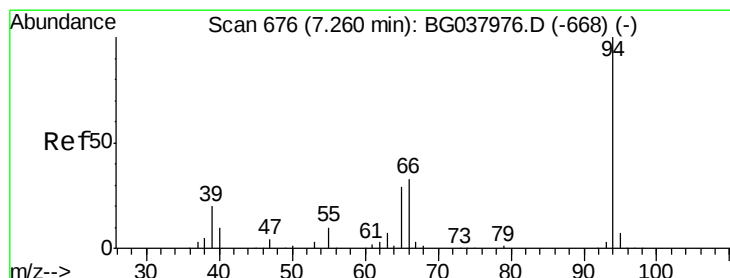
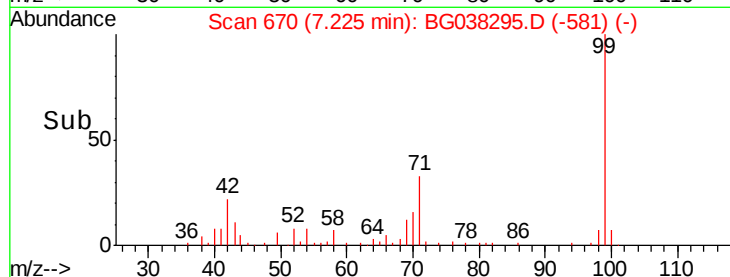
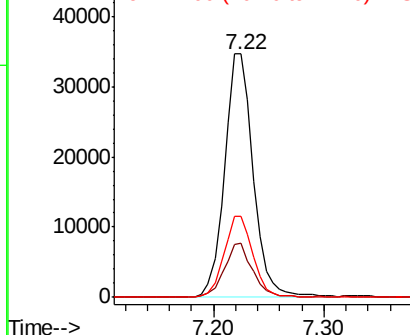
99 100

42 22.1 15.0 22.4

71 33.1 25.5 38.3



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



#10

Phenol

Concen: 2.724 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG038295.D

Acq: 1 Dec 2018 20:06

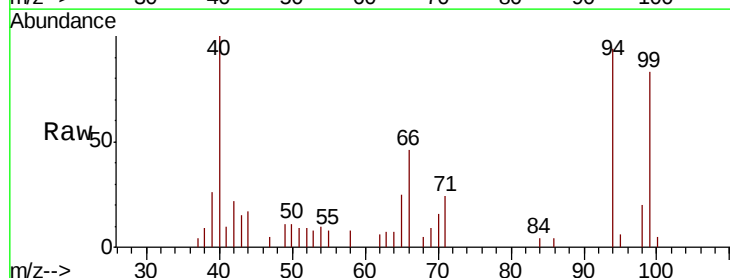
Tgt Ion: 94 Resp: 7350

Ion Ratio Lower Upper

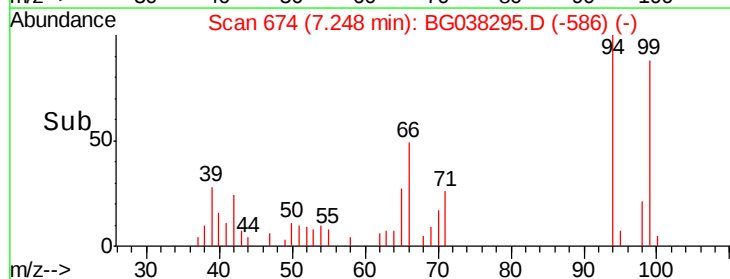
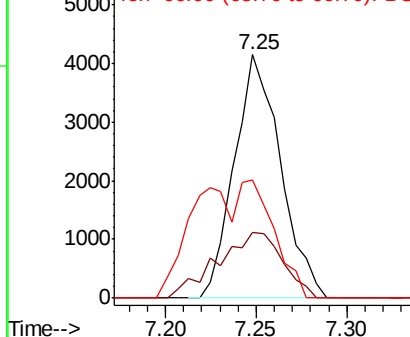
94 100

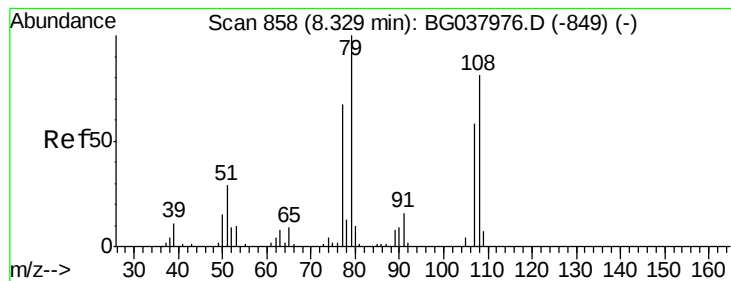
65 26.7 9.7 49.7

66 48.7 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 2.130 ng

RT: 8.40 min Scan# 870

Delta R.T. 0.07 min

Lab File: BG038295.D

Acq: 1 Dec 2018 20:06

Instrument :

BNA_G

ClientSampleId :

112718-CHDE-F-D-B

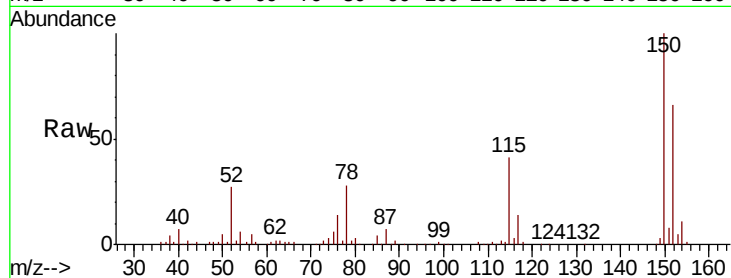
Tot Ion: 79 Resp: 3925

Ion Ratio Lower Upper

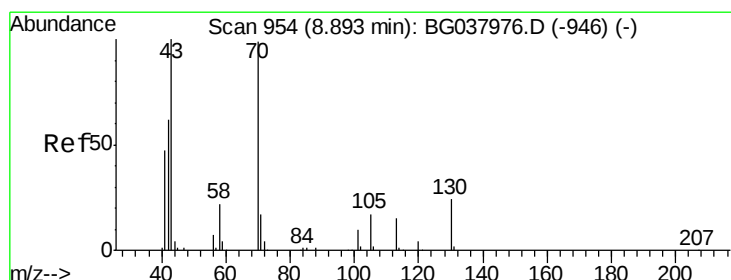
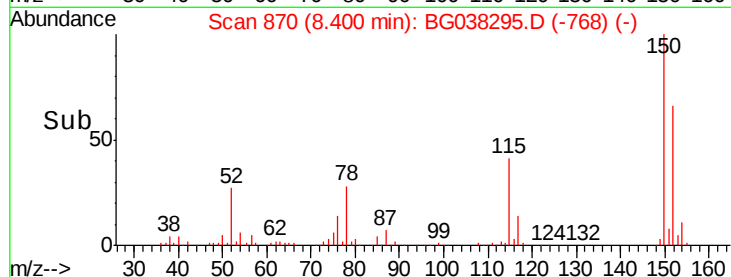
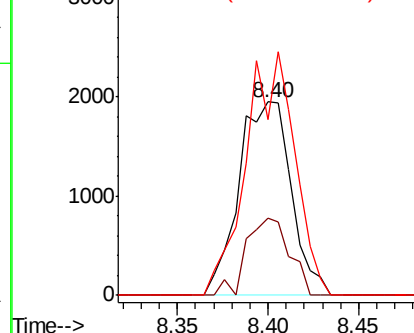
79 100

108 39.9 65.8 98.8#

77 91.0 52.9 79.3#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 17.074 ng

RT: 9.25 min Scan# 1015

Delta R.T. 0.36 min

Lab File: BG038295.D

Acq: 1 Dec 2018 20:06

Tgt Ion: 70 Resp: 31467

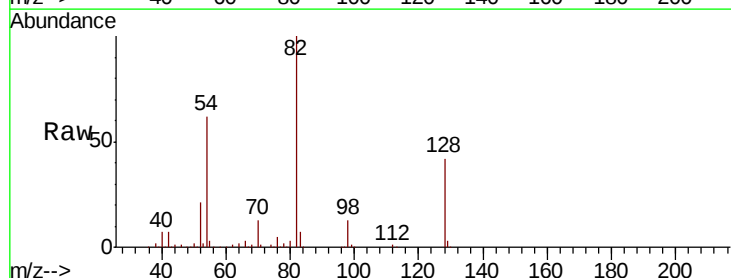
Ion Ratio Lower Upper

70 100

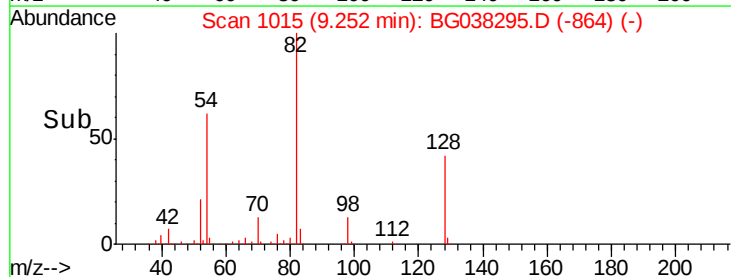
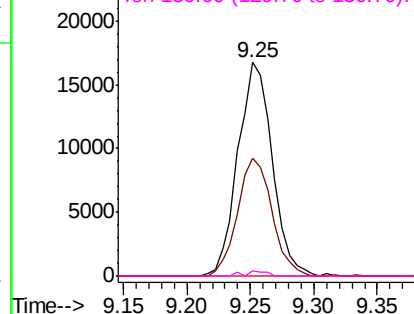
42 55.1 53.9 80.9

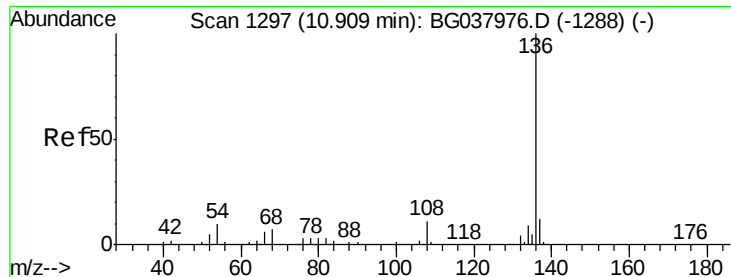
101 0.0 8.2 12.2#

130 2.5 18.2 27.4#



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: 10.90 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG038295.D

Acq: 1 Dec 2018 20:06

Instrument :

BNA_G

ClientSampleId :

112718-CHDE-F-D-B

Tot Ion:136 Resp: 128927

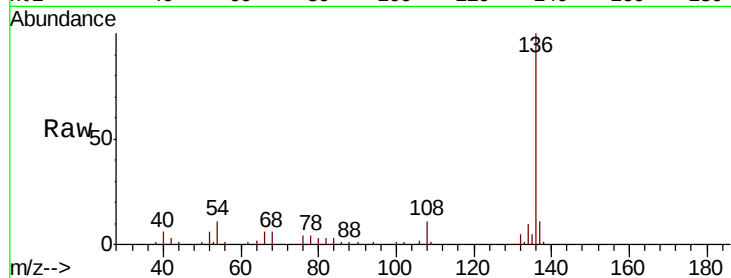
Ion Ratio Lower Upper

136 100

137 11.1 9.6 14.4

54 11.0 7.9 11.9

68 6.0 4.8 7.2

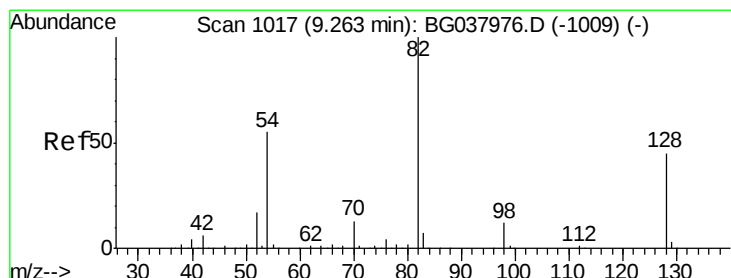
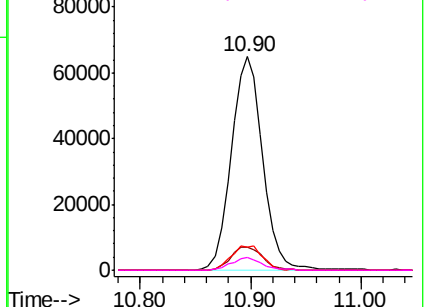
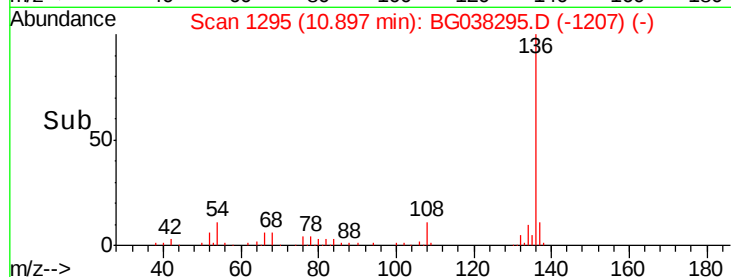


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 99.712 ng

RT: 9.25 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BG038295.D

Acq: 1 Dec 2018 20:06

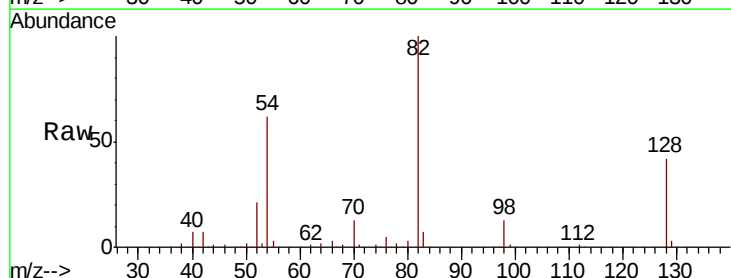
Tgt Ion: 82 Resp: 240154

Ion Ratio Lower Upper

82 100

128 42.4 34.6 51.8

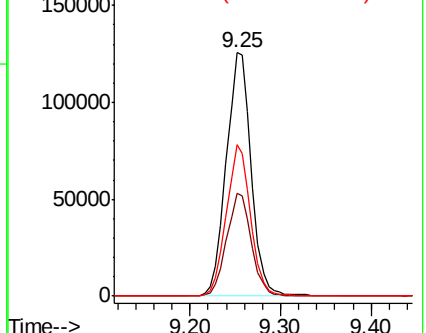
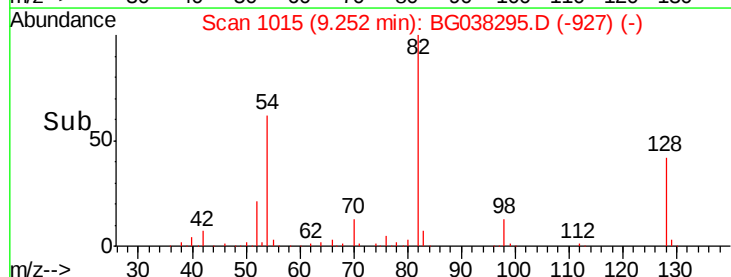
54 62.0 45.3 67.9

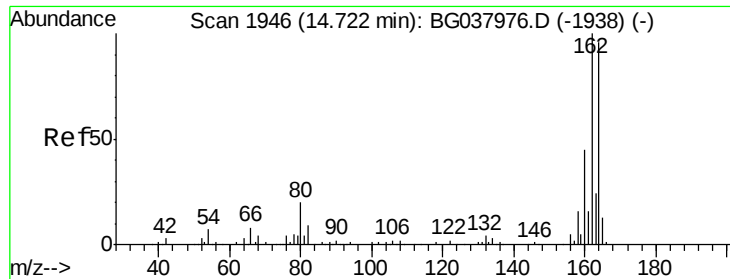


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG038295.D

Acq: 1 Dec 2018 20:06

Instrument :

BNA_G

ClientSampleId :

112718-CHDE-F-D-B

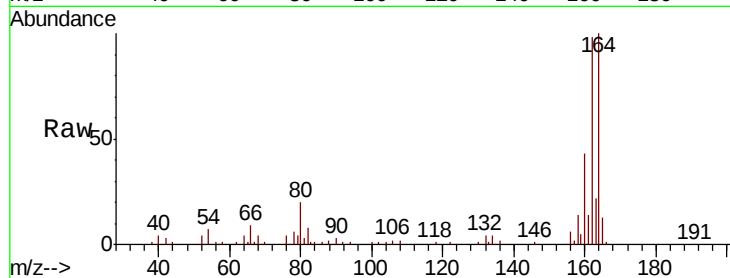
Tot Ion:164 Resp: 87344

Ion Ratio Lower Upper

164 100

162 98.4 81.3 121.9

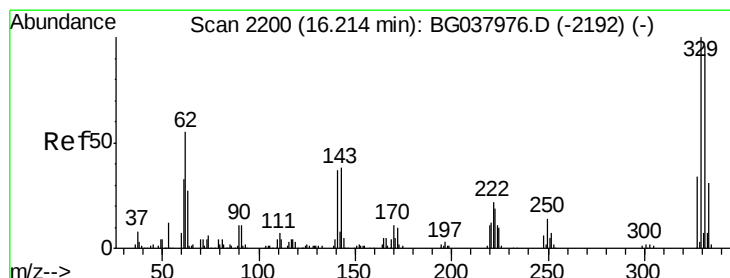
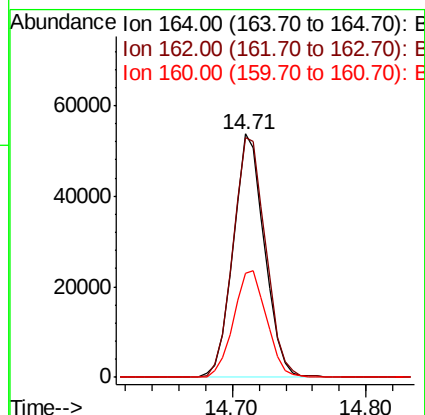
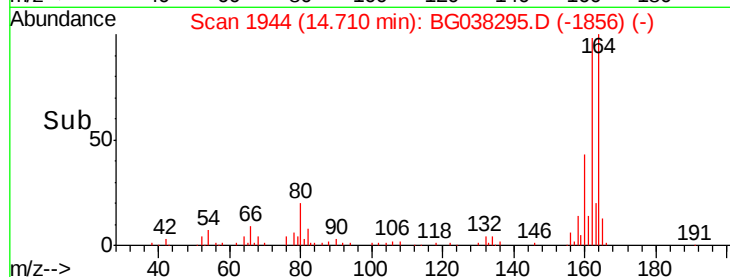
160 43.0 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 104.670 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038295.D

Acq: 1 Dec 2018 20:06

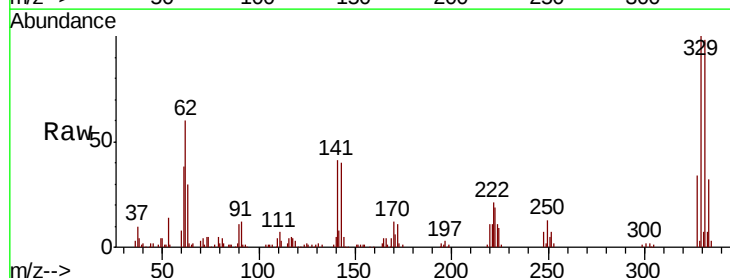
Tgt Ion:330 Resp: 104266

Ion Ratio Lower Upper

330 100

332 94.2 78.4 117.6

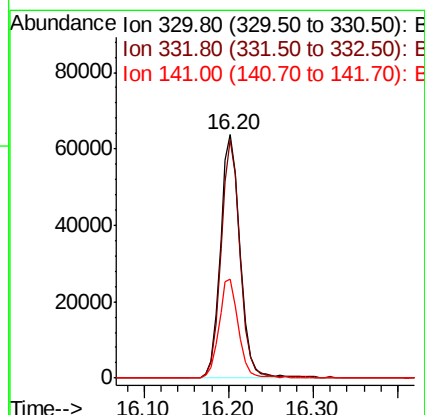
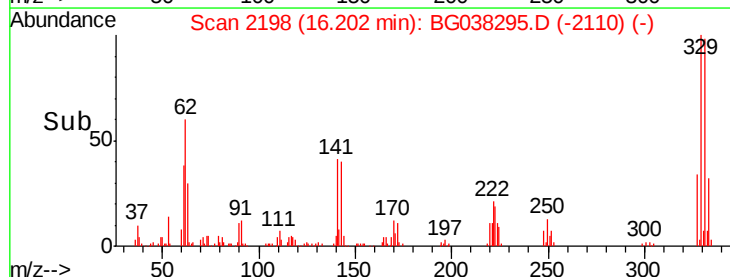
141 39.5 32.2 48.2

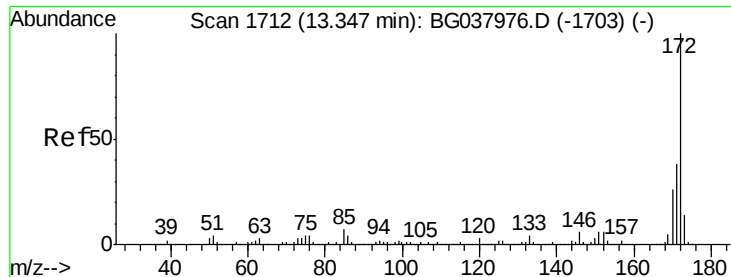


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

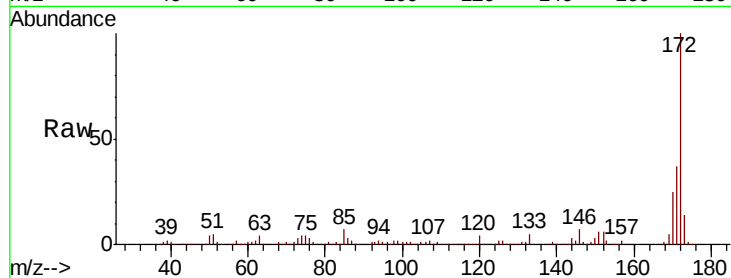




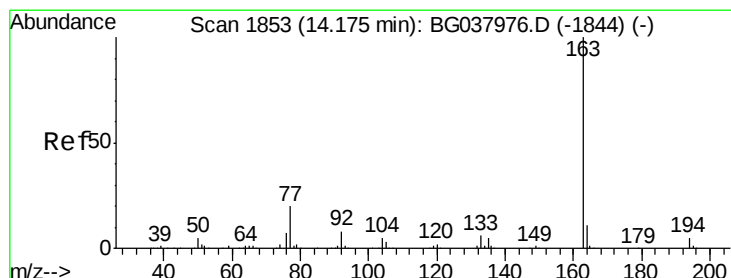
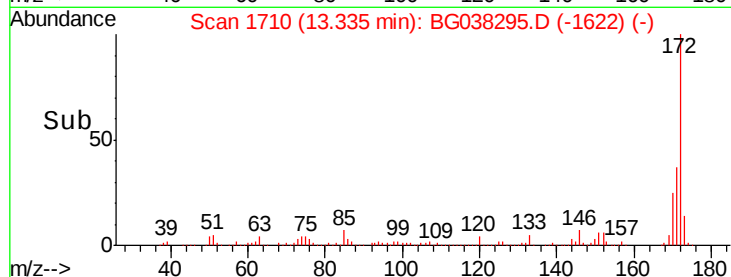
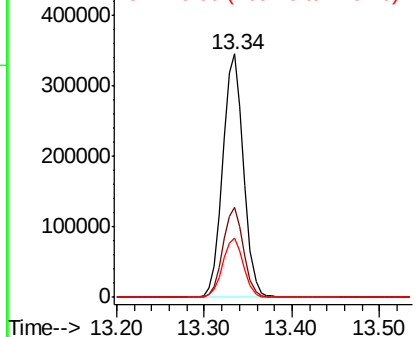
#45
2-Fluorobiphenyl
Concen: 94.572 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG038295.D
Acq: 1 Dec 2018 20:06

Instrument :
BNA_G
ClientSampleId :
112718-CHDE-F-D-B

Tot Ion:172 Resp: 566999
Ion Ratio Lower Upper
172 100
171 36.9 31.0 46.4
170 24.6 20.2 30.2

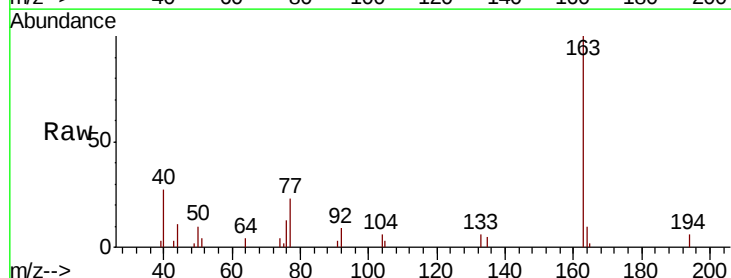


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

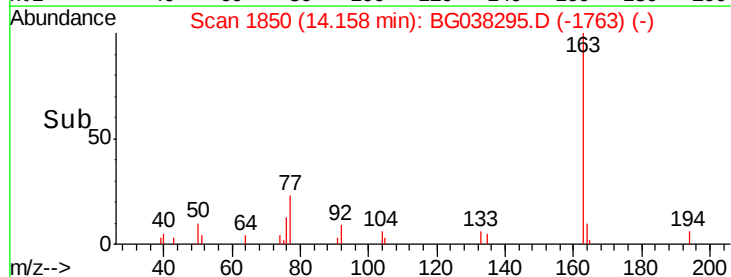
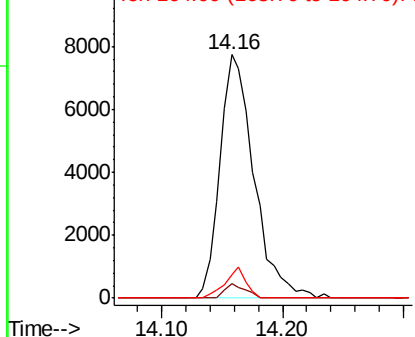


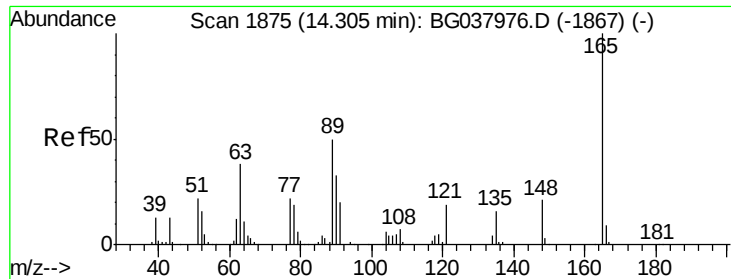
#50
Dimethylphthalate
Concen: 2.178 ng
RT: 14.16 min Scan# 1850
Delta R.T. -0.02 min
Lab File: BG038295.D
Acq: 1 Dec 2018 20:06

Tgt Ion:163 Resp: 15080
Ion Ratio Lower Upper
163 100
194 5.9 3.5 5.3#
164 9.5 8.5 12.7



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

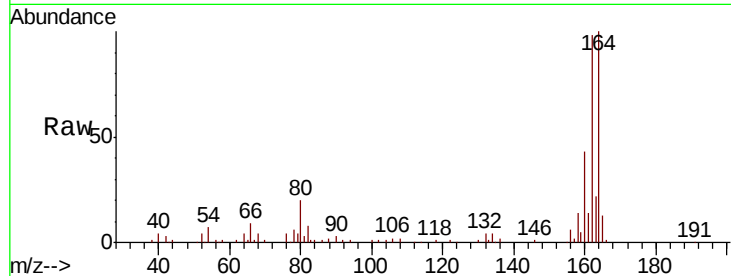




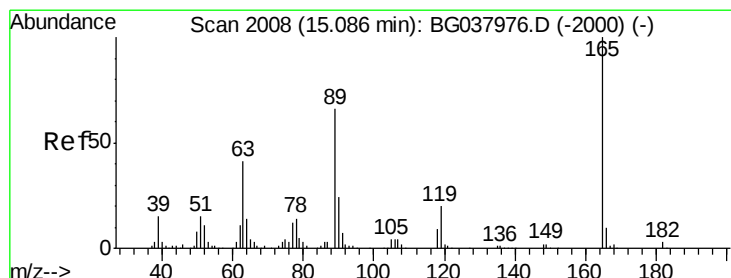
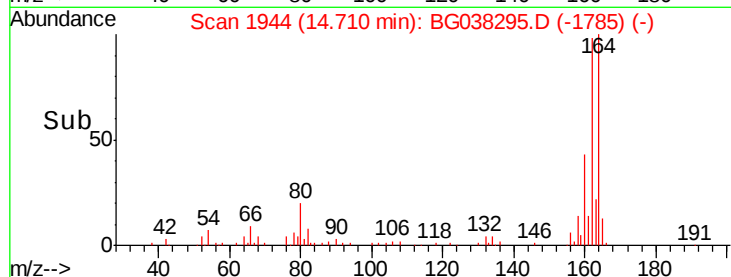
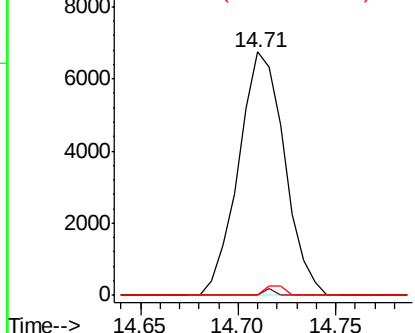
#51
 2,6-Dinitrotoluene
 Concen: 7.025 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. 0.41 min
 Lab File: BG038295.D
 Acq: 1 Dec 2018 20:06

Instrument :
 BNA_G
 ClientSampleId :
 112718-CHDE-F-D-B

Tot Ion:165 Resp: 11010
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 0.0 45.8 68.6#

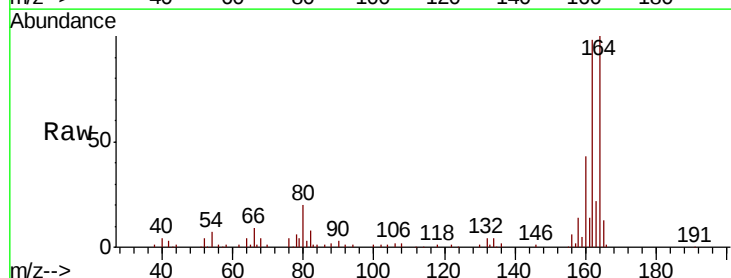


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

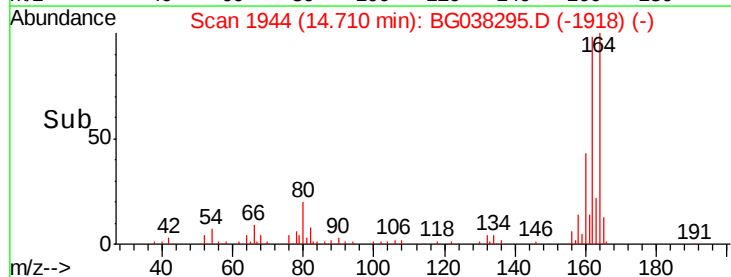
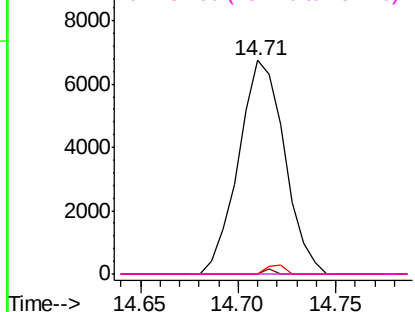


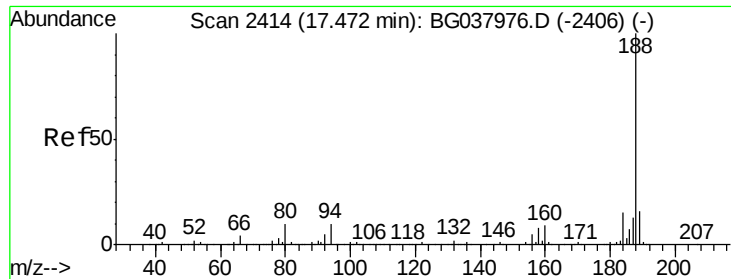
#57
 2,4-Dinitrotoluene
 Concen: 5.163 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.38 min
 Lab File: BG038295.D
 Acq: 1 Dec 2018 20:06

Tgt Ion:165 Resp: 11010
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.4 50.0#
 89 0.0 57.2 85.8#
 182 0.0 2.6 4.0#



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

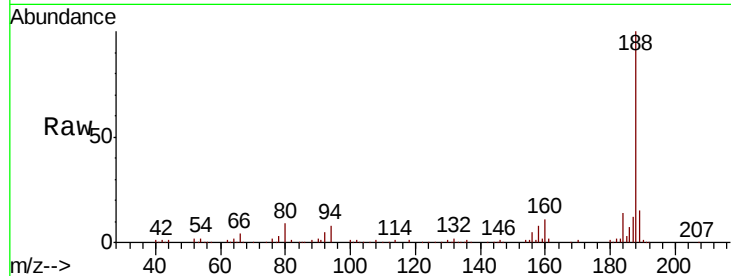




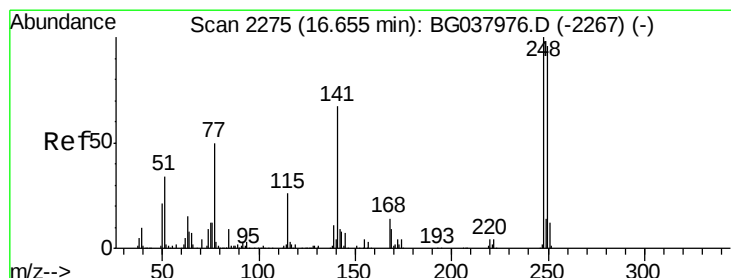
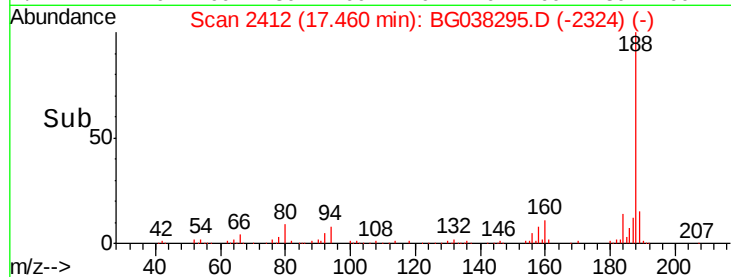
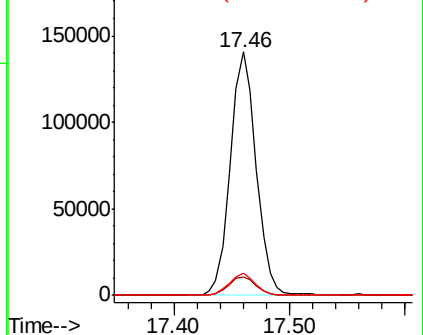
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG038295.D
 Acq: 1 Dec 2018 20:06

Instrument :
 BNA_G
 ClientSampleId :
 112718-CHDE-F-D-B

Tot Ion:188 Resp: 217944
 Ion Ratio Lower Upper
 188 100
 94 7.6 7.2 10.8
 80 9.0 7.7 11.5

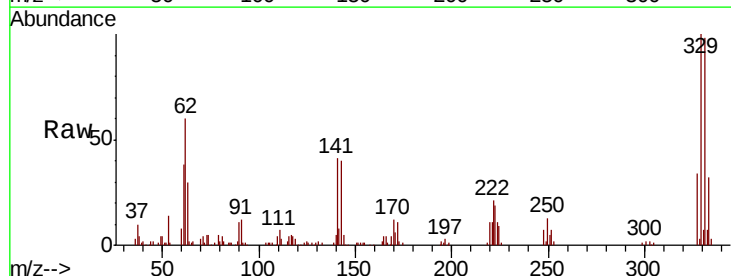


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

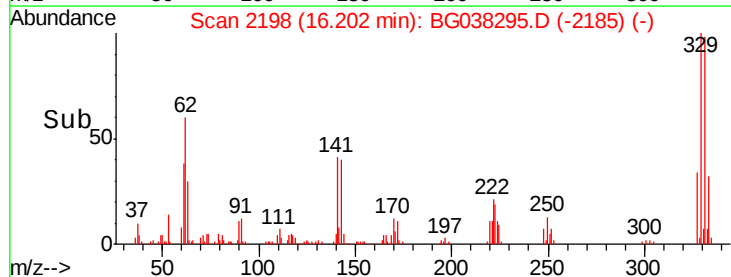
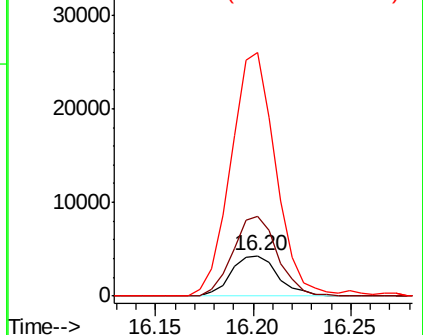


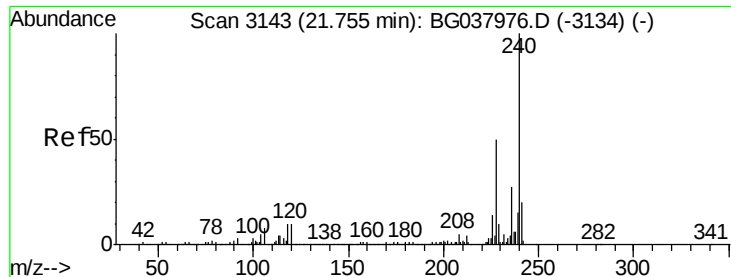
#67
 4-Bromophenyl-phenylether
 Concen: 2.949 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG038295.D
 Acq: 1 Dec 2018 20:06

Tgt Ion:248 Resp: 7055
 Ion Ratio Lower Upper
 248 100
 250 202.1 77.0 115.6#
 141 460.2 55.5 83.3#



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

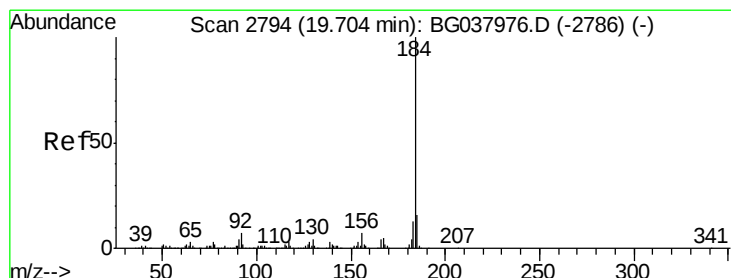
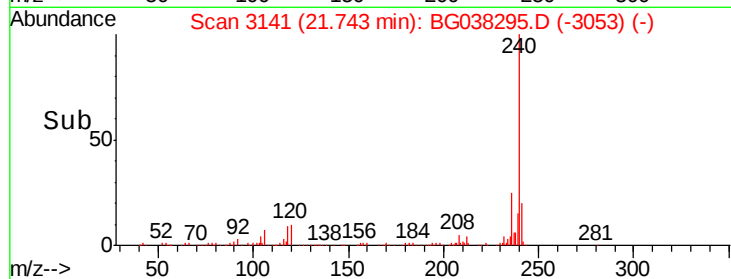
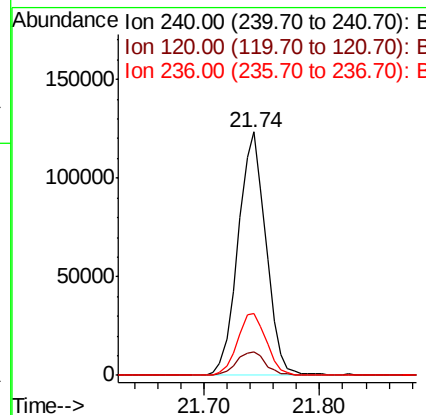
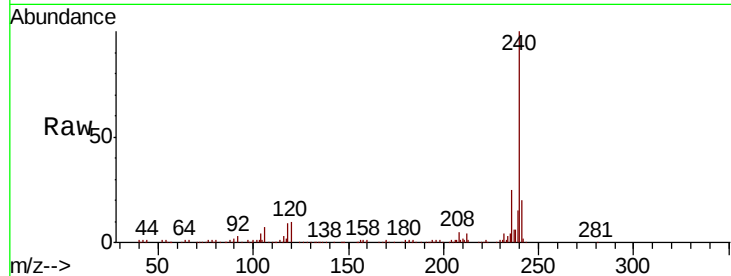




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG038295.D
 Acq: 1 Dec 2018 20:06

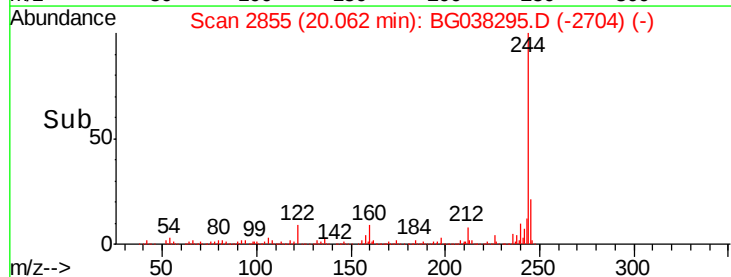
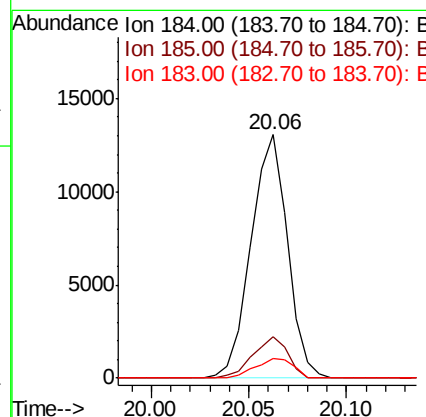
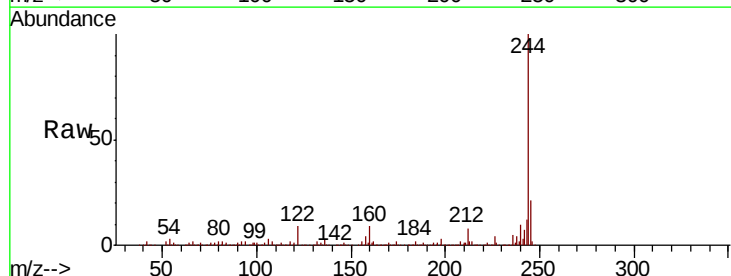
Instrument :
 BNA_G
 ClientSampleId :
 112718-CHDE-F-D-B

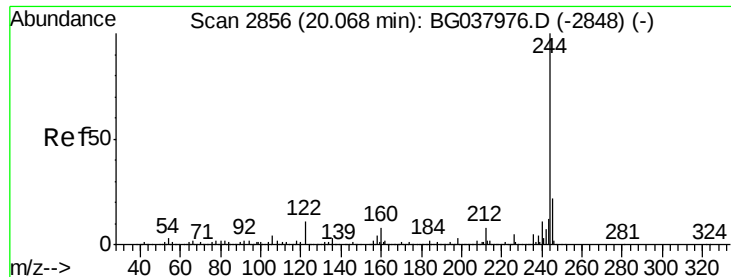
Tot Ion:240 Resp: 205906
 Ion Ratio Lower Upper
 240 100
 120 9.8 8.1 12.1
 236 25.3 21.4 32.0



#77
 Benzidine
 Concen: 2.328 ng
 RT: 20.06 min Scan# 2855
 Delta R.T. 0.36 min
 Lab File: BG038295.D
 Acq: 1 Dec 2018 20:06

Tgt Ion:184 Resp: 16823
 Ion Ratio Lower Upper
 184 100
 185 17.1 12.6 18.8
 183 7.8 10.2 15.2#





#79

Terphenyl-d14

Concen: 104.919 ng

RT: 20.06 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BG038295.D

Acq: 1 Dec 2018 20:06

Instrument :

BNA_G

ClientSampleId :

112718-CHDE-F-D-B

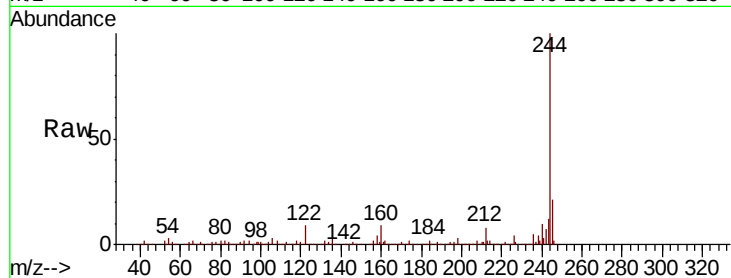
Tot Ion:244 Resp: 918123

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

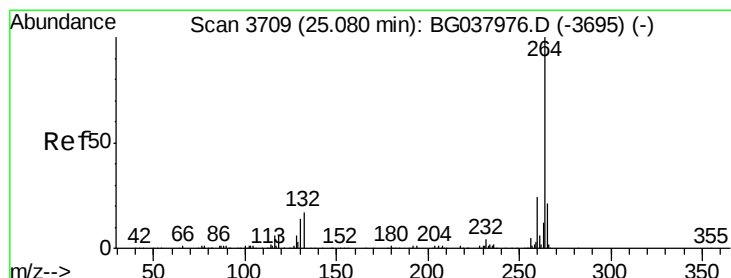
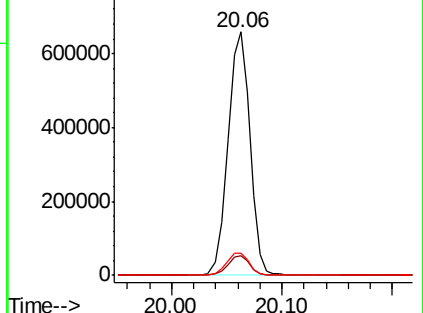
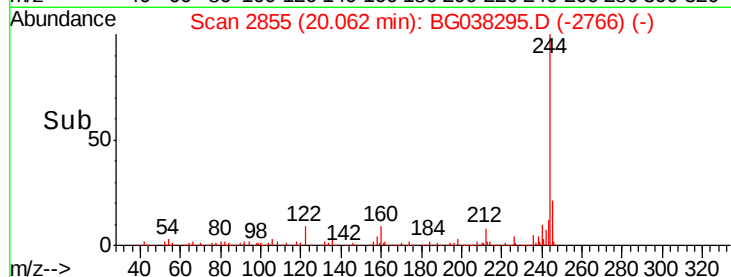
122 9.2 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3704

Delta R.T. -0.03 min

Lab File: BG038295.D

Acq: 1 Dec 2018 20:06

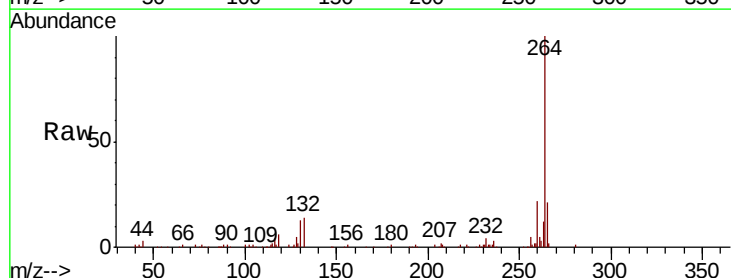
Tgt Ion:264 Resp: 212346

Ion Ratio Lower Upper

264 100

260 22.3 18.2 27.4

265 21.0 17.9 26.9



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

