

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
 Data File : BG038283.D
 Acq On : 1 Dec 2018 8:28
 Operator : JU/SJ
 Sample : J6129-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112818-CHDE-F-U-M

Quant Time: Dec 03 00:02:18 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

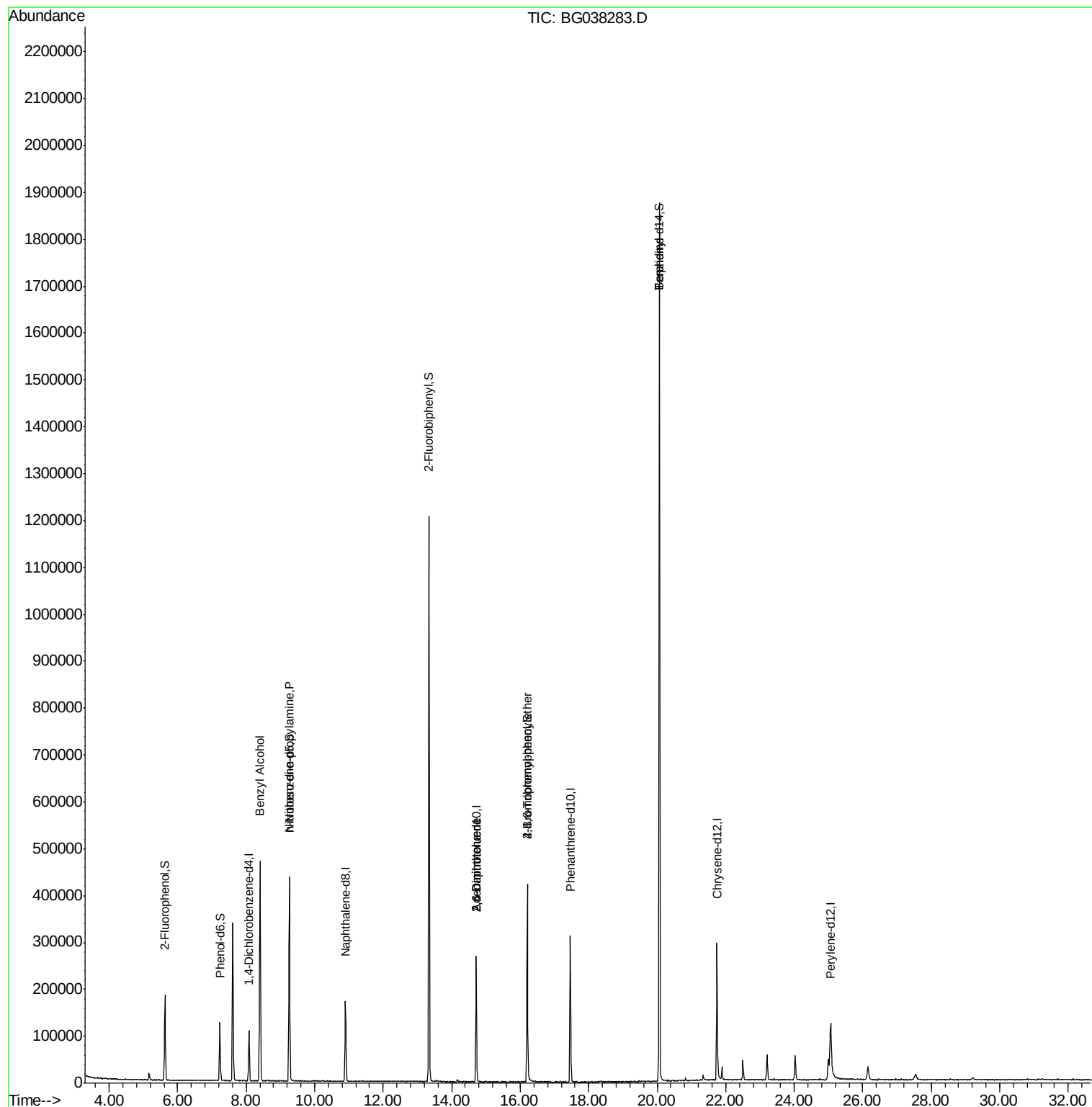
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	32103	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	149758	20.00	ng	-0.01
39) Acenaphthene-d10	14.72	164	93293	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	207949	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	195751	20.00	ng	-0.01
87) Perylene-d12	25.06	264	174049	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	81032	43.58	ng	0.00
7) Phenol-d6	7.23	99	72403	27.28	ng	0.00
23) Nitrobenzene-d5	9.26	82	273742	97.85	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	83323	78.31	ng	-0.01
45) 2-Fluorobiphenyl	13.34	172	630044	98.39	ng	-0.01
79) Terphenyl-d14	20.06	244	894761	107.55	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.40	79	3951	2.057	ng	# 45
19) n-Nitroso-di-n-propylamine	9.26	70	34828	18.135	ng	# 78
51) 2,6-Dinitrotoluene	14.71	165	11790	7.043	ng	# 25
57) 2,4-Dinitrotoluene	14.71	165	11790	5.177	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	5456	2.390	ng	# 1
77) Benzidine	20.06	184	16110	2.345	ng	# 92

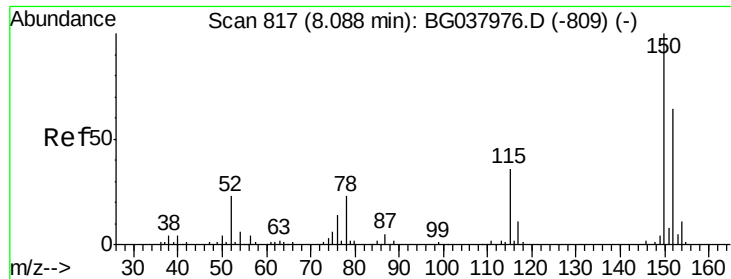
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration



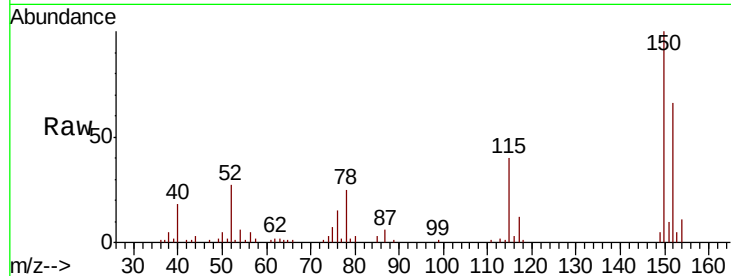


#1

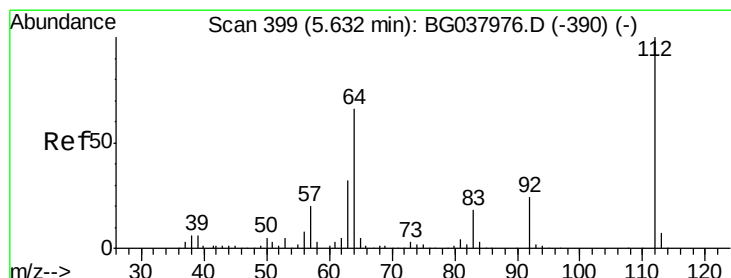
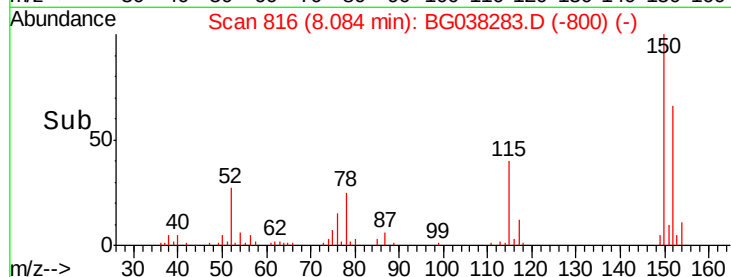
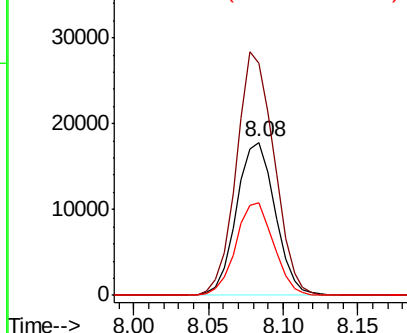
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG038283.D
 Acq: 1 Dec 2018 8:28

Instrument :
 BNA_G
 ClientSampleId :
 112818-CHDE-F-U-M

Tot Ion:152 Resp: 32103
 Ion Ratio Lower Upper
 152 100
 150 151.6 126.0 189.0
 115 60.3 45.5 68.3



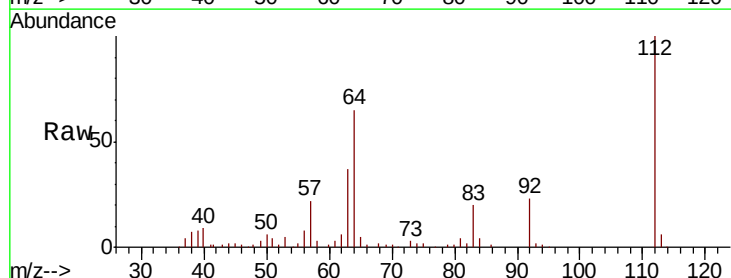
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



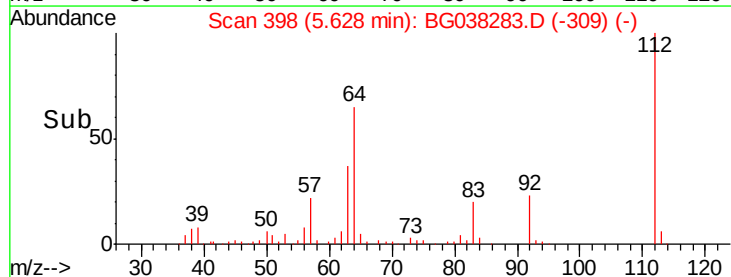
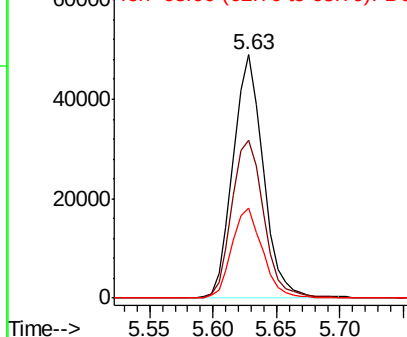
#5

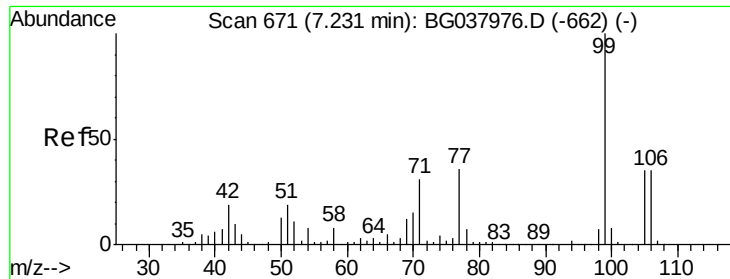
2-Fluorophenol
 Concen: 43.581 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BG038283.D
 Acq: 1 Dec 2018 8:28

Tgt Ion:112 Resp: 81032
 Ion Ratio Lower Upper
 112 100
 64 65.0 53.1 79.7
 63 37.1 27.3 40.9



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: 27.279 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038283.D

Acq: 1 Dec 2018 8:28

Instrument :

BNA_G

ClientSampleId :

112818-CHDE-F-U-M

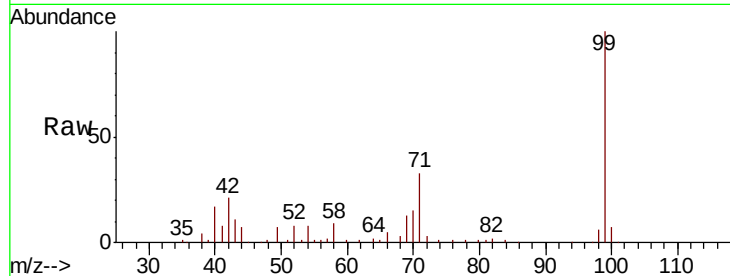
Tot Ion: 99 Resp: 72403

Ion Ratio Lower Upper

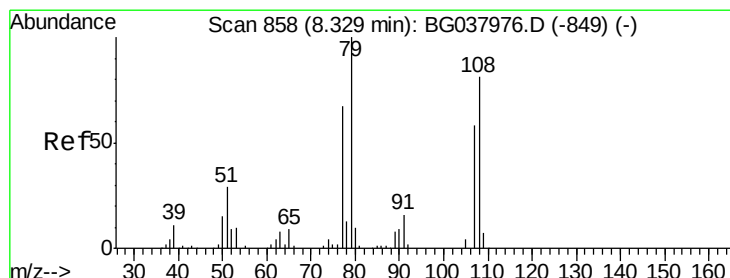
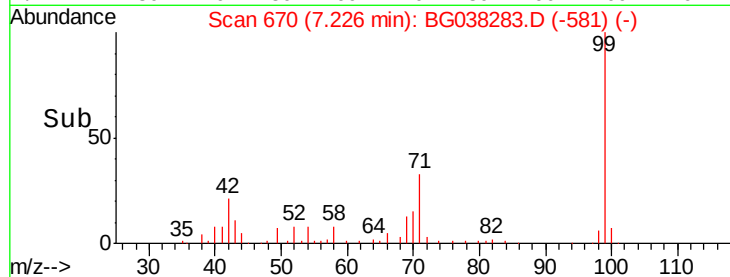
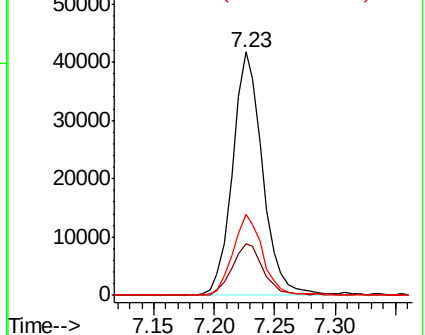
99 100

42 21.3 15.0 22.4

71 33.3 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



#15

Benzyl Alcohol

Concen: 2.057 ng

RT: 8.40 min Scan# 870

Delta R.T. 0.07 min

Lab File: BG038283.D

Acq: 1 Dec 2018 8:28

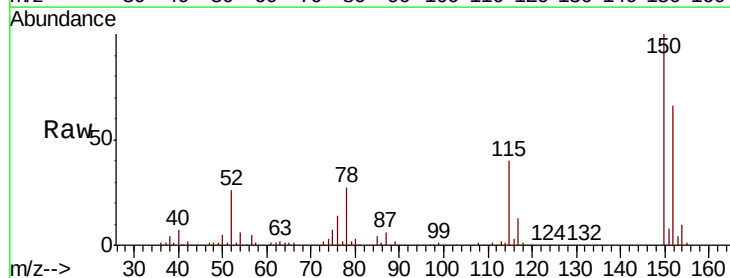
Tgt Ion: 79 Resp: 3951

Ion Ratio Lower Upper

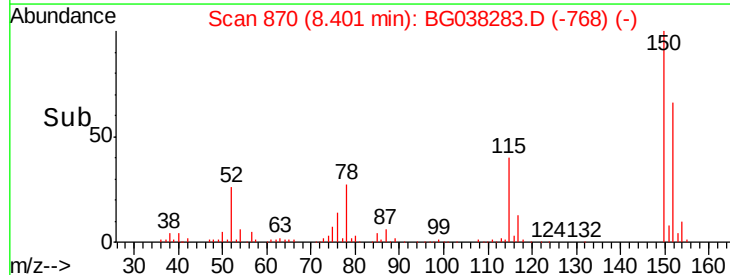
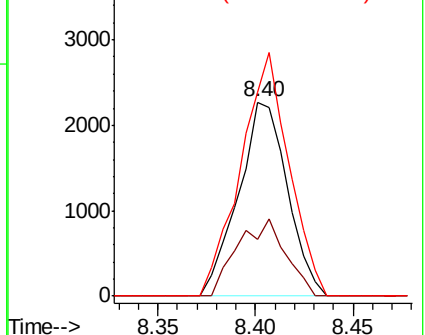
79 100

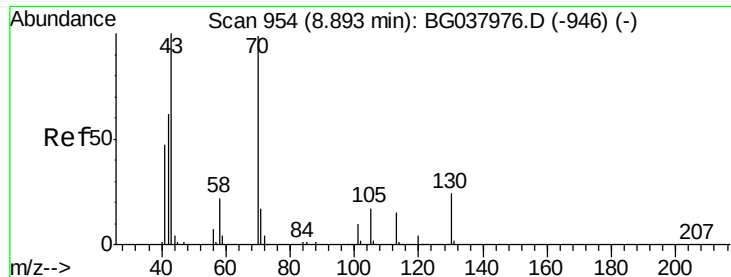
108 29.4 65.8 98.8#

77 105.0 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

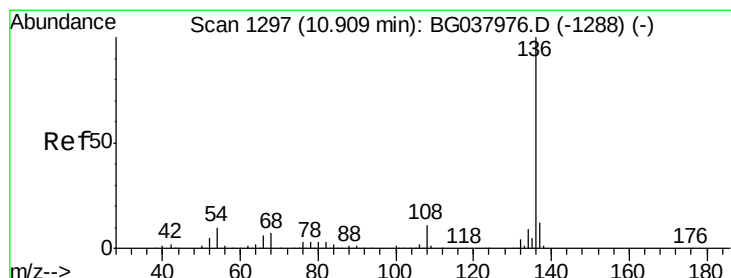
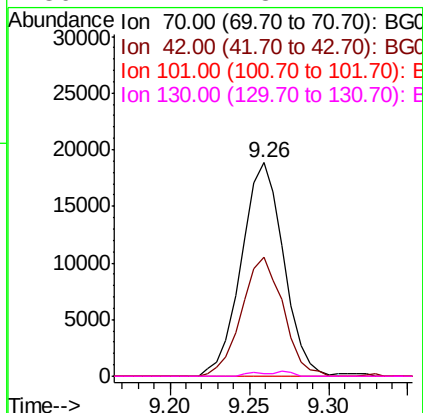
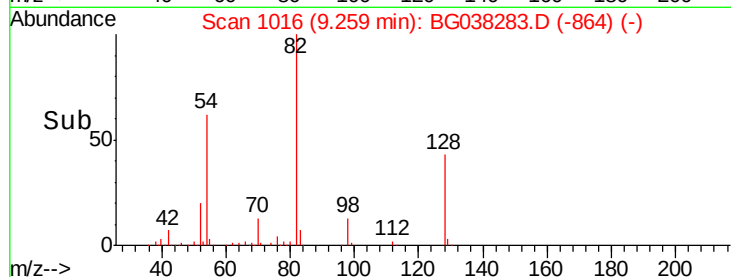
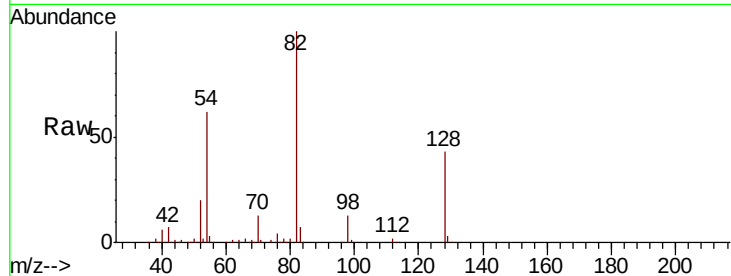




#19
n-Nitroso-di-n-propylamine
Concen: 18.135 ng
RT: 9.26 min Scan# 1016
Delta R.T. 0.37 min
Lab File: BG038283.D
Acq: 1 Dec 2018 8:28

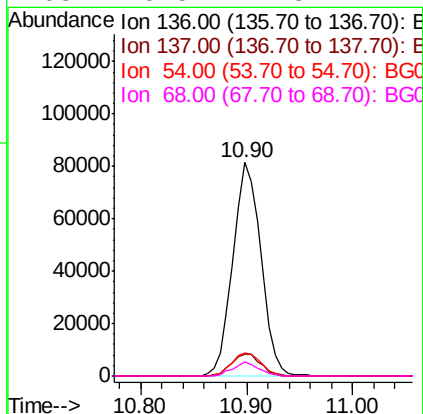
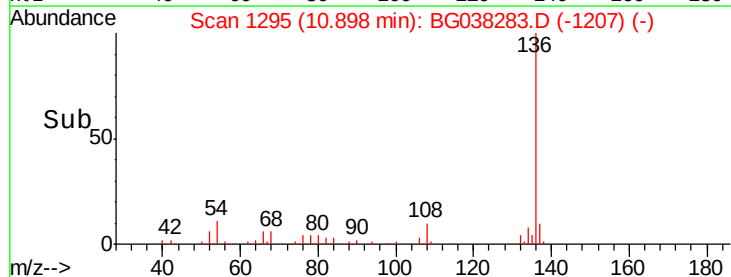
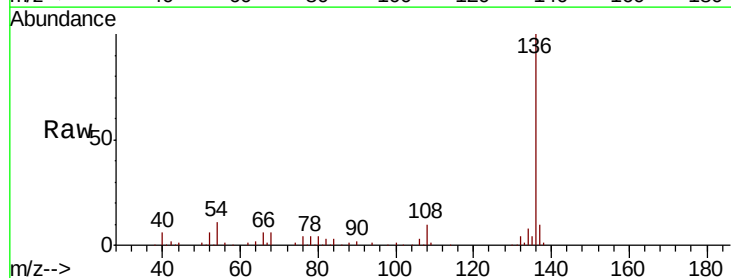
Instrument :
BNA_G
ClientSampleId :
112818-CHDE-F-U-M

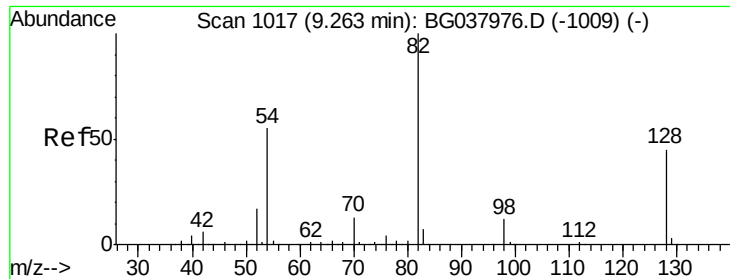
Tot Ion: 70 Resp: 34828
Ion Ratio Lower Upper
70 100
42 55.9 53.9 80.9
101 0.0 8.2 12.2#
130 1.4 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038283.D
Acq: 1 Dec 2018 8:28

Tgt Ion: 136 Resp: 149758
Ion Ratio Lower Upper
136 100
137 10.2 9.6 14.4
54 10.6 7.9 11.9
68 6.5 4.8 7.2

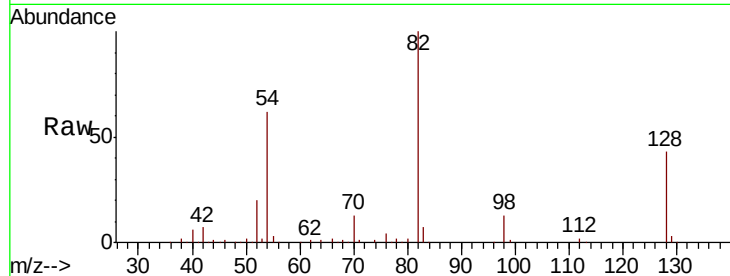




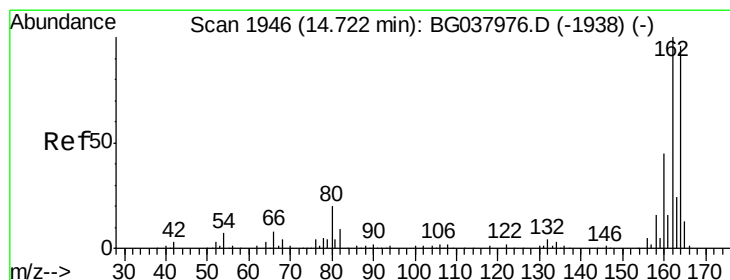
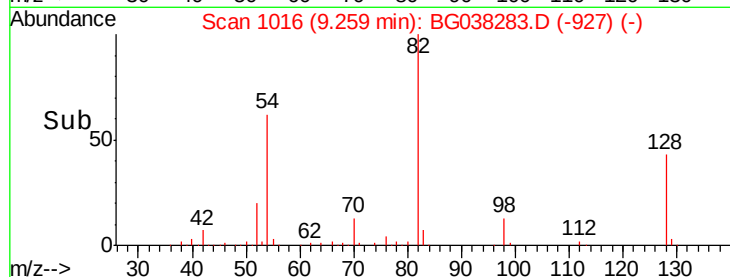
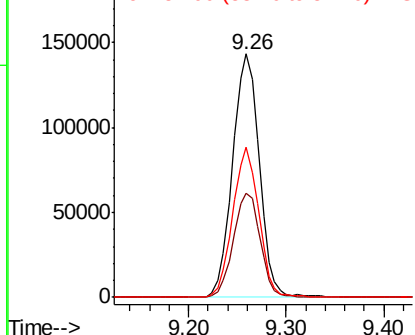
#23
Nitrobenzene-d5
Concen: 97.848 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038283.D
Acq: 1 Dec 2018 8:28

Instrument :
BNA_G
ClientSampleId :
112818-CHDE-F-U-M

Tot Ion: 82 Resp: 273742
Ion Ratio Lower Upper
82 100
128 42.8 34.6 51.8
54 61.6 45.3 67.9

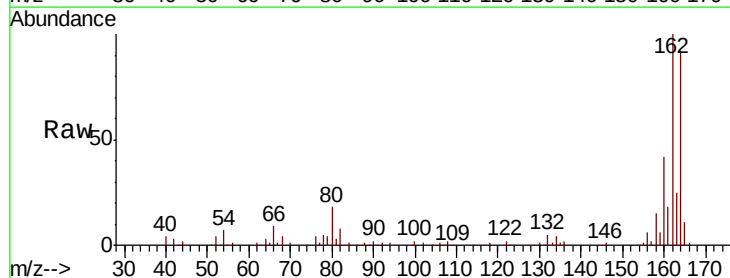


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

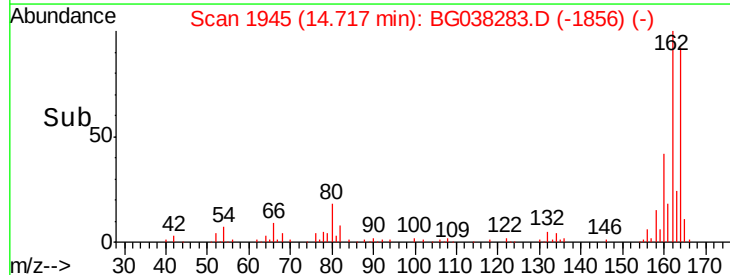
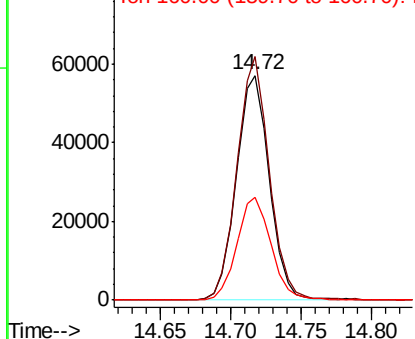


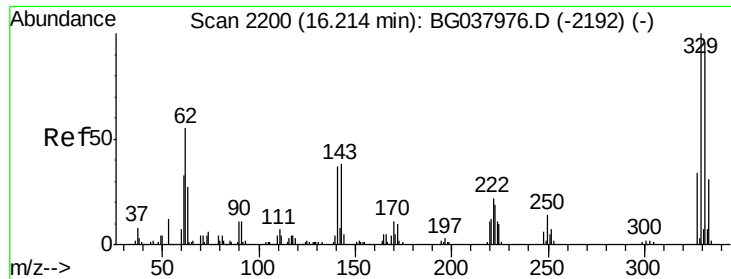
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038283.D
Acq: 1 Dec 2018 8:28

Tgt Ion: 164 Resp: 93293
Ion Ratio Lower Upper
164 100
162 108.3 81.3 121.9
160 45.6 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

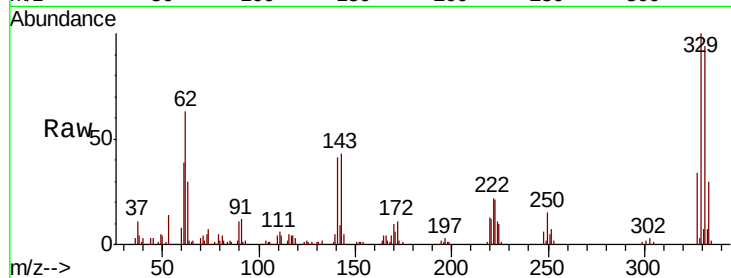




#42
 2,4,6-Tribromophenol
 Concen: 78.312 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG038283.D
 Acq: 1 Dec 2018 8:28

Instrument :
 BNA_G
 ClientSampleId :
 112818-CHDE-F-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	78.4	117.6
141	40.6	32.2	48.2

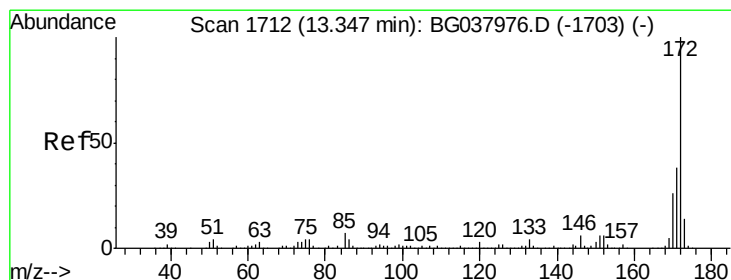
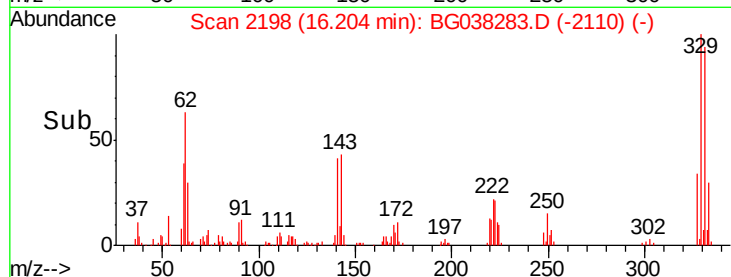
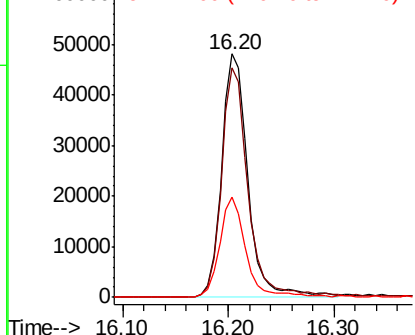


Abundance

Ion 329.80 (329.50 to 330.50): E

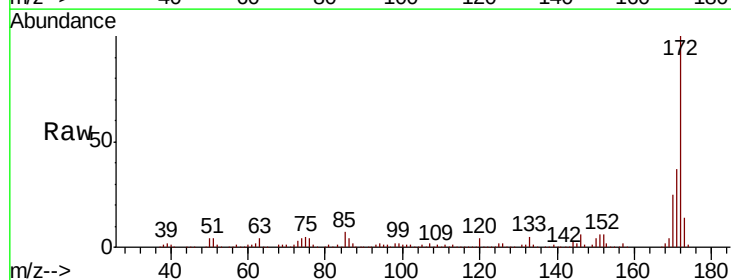
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 98.387 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038283.D
 Acq: 1 Dec 2018 8:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.0	46.4
170	24.7	20.2	30.2

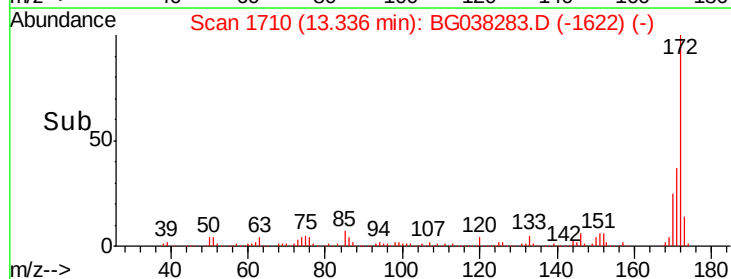
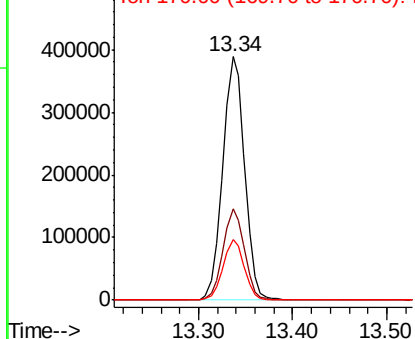


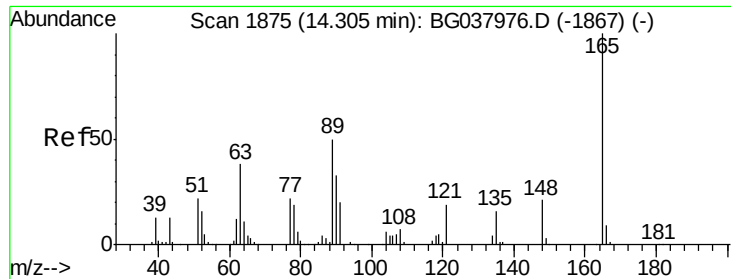
Abundance

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

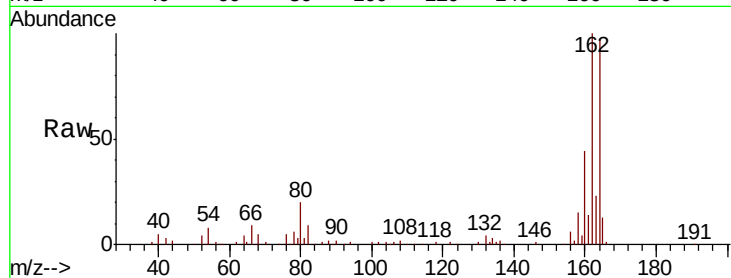




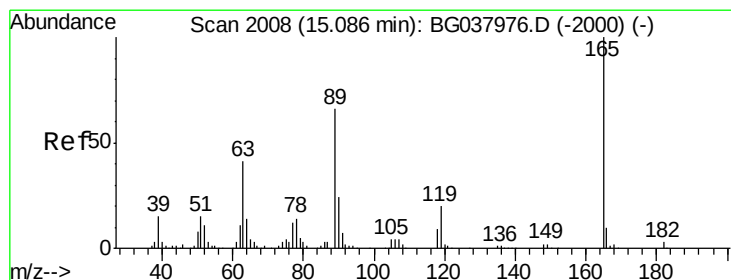
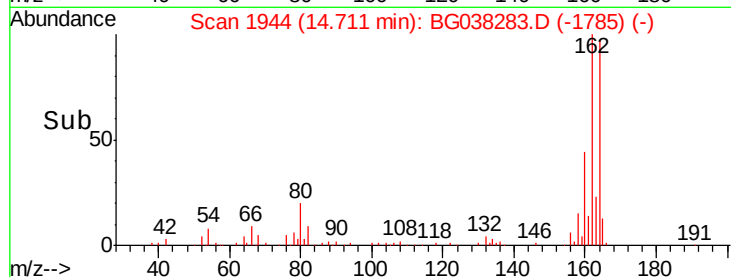
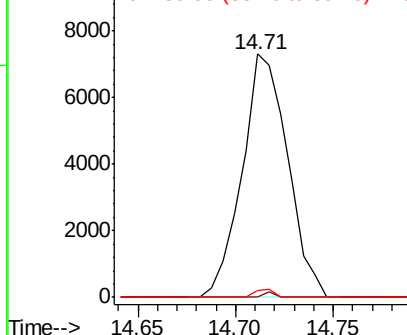
#51
 2,6-Dinitrotoluene
 Concen: 7.043 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. 0.41 min
 Lab File: BG038283.D
 Acq: 1 Dec 2018 8:28

Instrument :
 BNA_G
 ClientSampleId :
 112818-CHDE-F-U-M

Tot Ion:165 Resp: 11790
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 2.7 45.8 68.6#

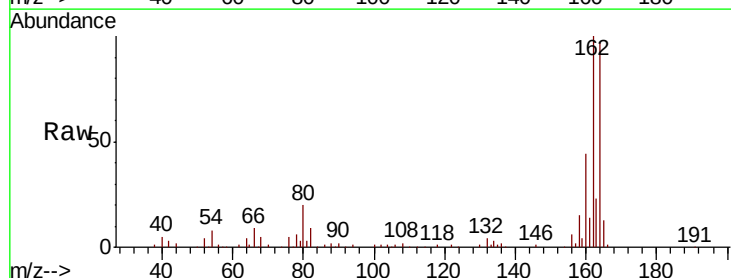


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

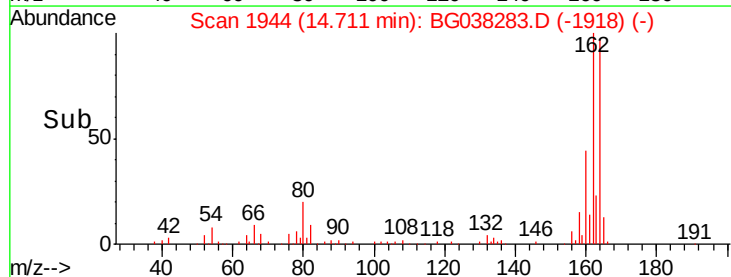
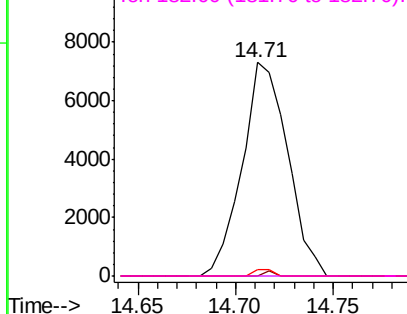


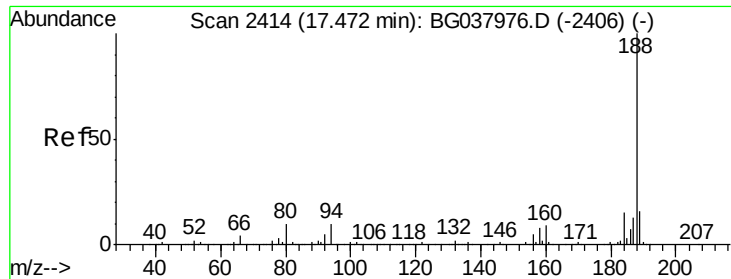
#57
 2,4-Dinitrotoluene
 Concen: 5.177 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.37 min
 Lab File: BG038283.D
 Acq: 1 Dec 2018 8:28

Tgt Ion:165 Resp: 11790
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.4 50.0#
 89 2.7 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: BG038283.D

Acq: 1 Dec 2018 8:28

Instrument :

BNA_G

ClientSampleId :

112818-CHDE-F-U-M

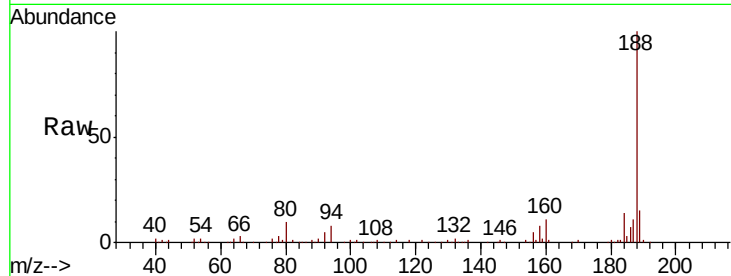
Tot Ion:188 Resp: 207949

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

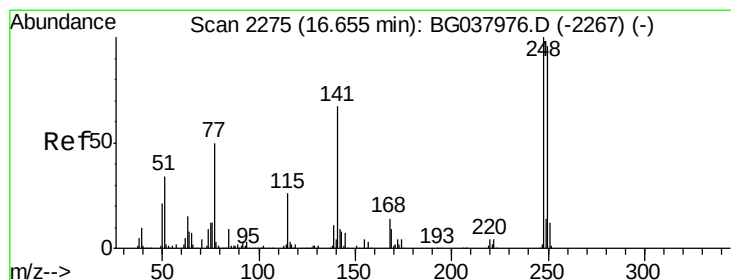
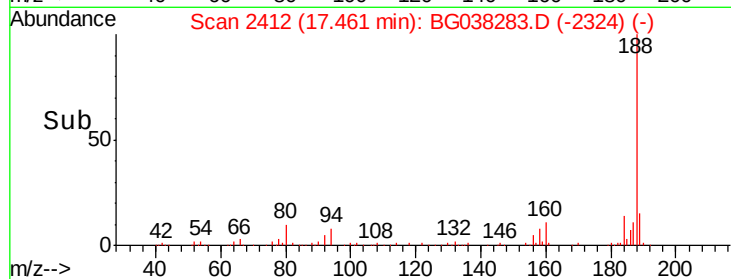
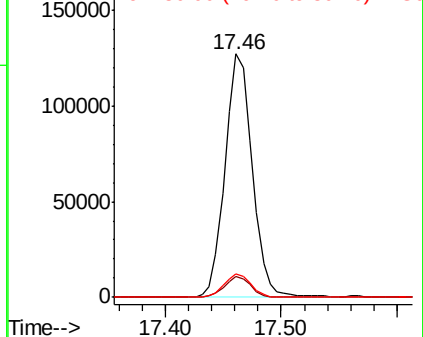
80 9.7 7.7 11.5



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



#67

4-Bromophenyl-phenylether

Concen: 2.390 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.45 min

Lab File: BG038283.D

Acq: 1 Dec 2018 8:28

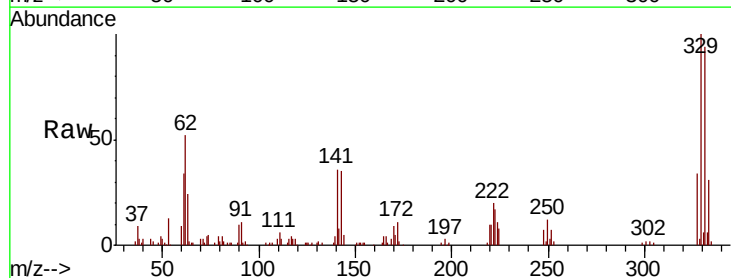
Tgt Ion:248 Resp: 5456

Ion Ratio Lower Upper

248 100

250 179.1 77.0 115.6#

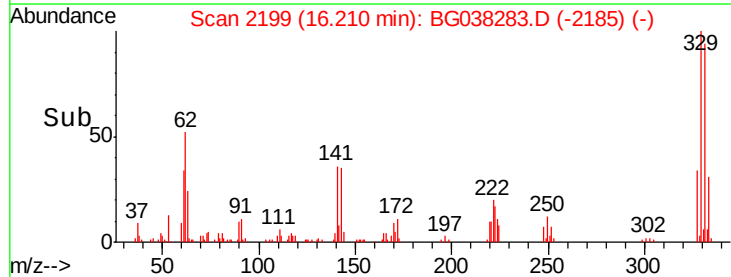
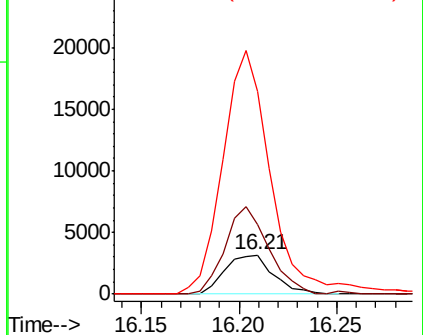
141 407.7 55.5 83.3#

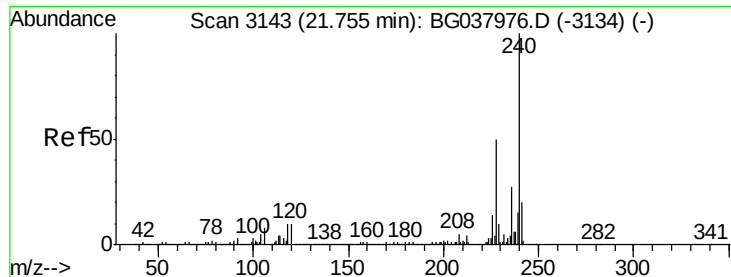


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

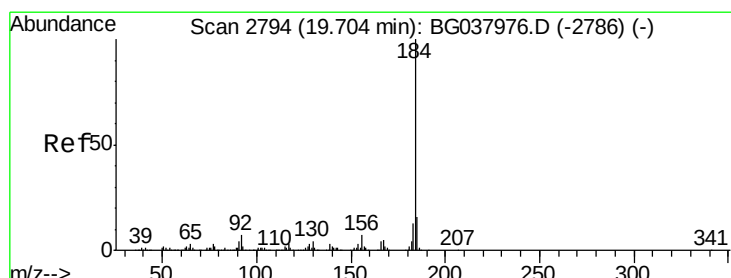
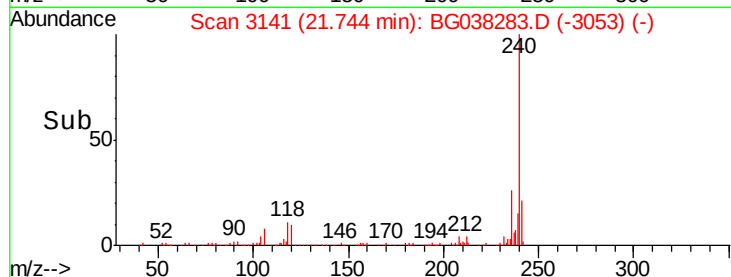
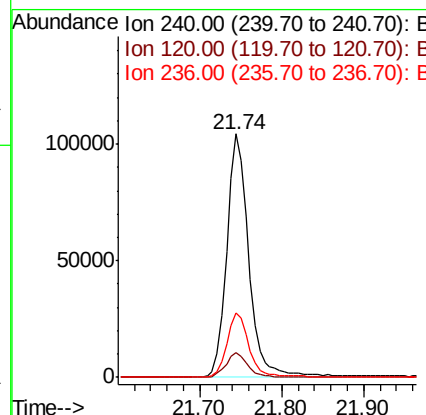
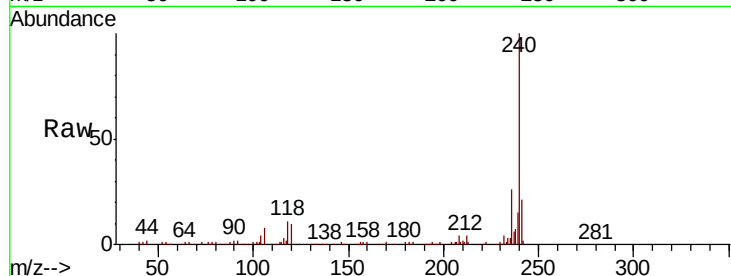




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038283.D
Acq: 1 Dec 2018 8:28

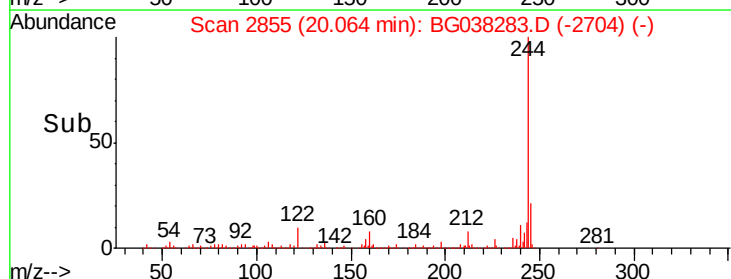
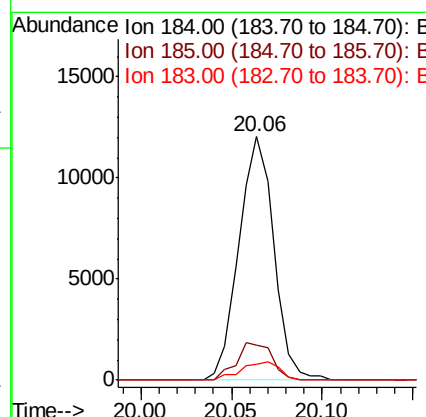
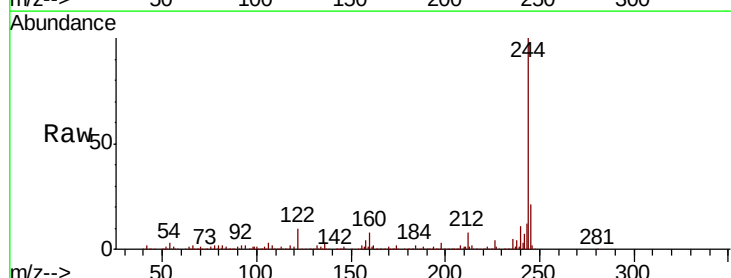
Instrument :
BNA_G
ClientSampleId :
112818-CHDE-F-U-M

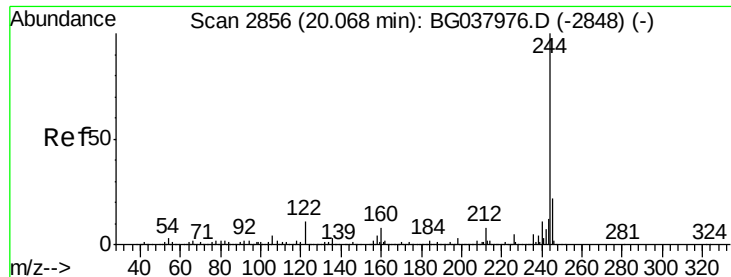
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.1	12.1
236	26.2	21.4	32.0



#77
Benzidine
Concen: 2.345 ng
RT: 20.06 min Scan# 2855
Delta R.T. 0.36 min
Lab File: BG038283.D
Acq: 1 Dec 2018 8:28

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	6.6	10.2	15.2#





#79

Terphenyl-d14

Concen: 107.554 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038283.D

Acq: 1 Dec 2018 8:28

Instrument :

BNA_G

ClientSampleId :

112818-CHDE-F-U-M

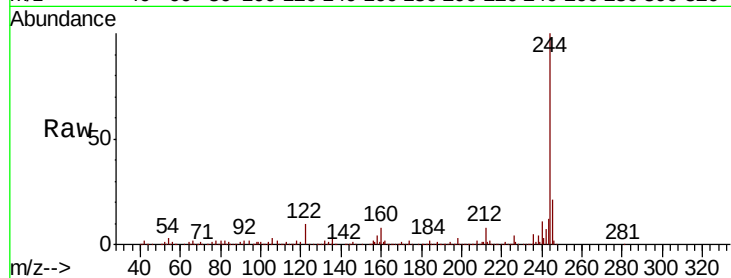
Tot Ion:244 Resp: 894761

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

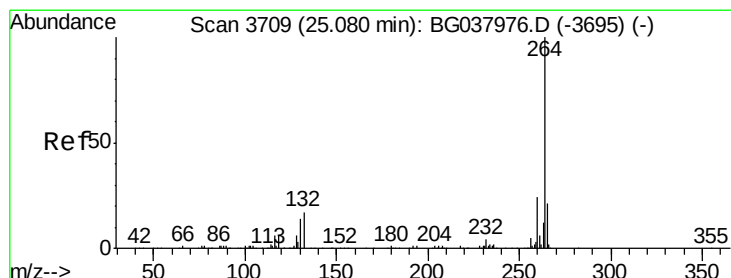
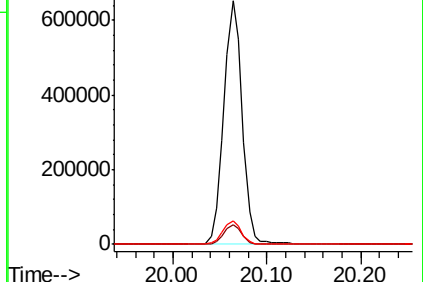
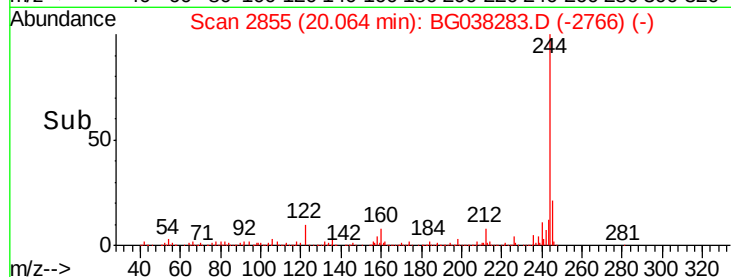
122 9.7 9.0 13.4



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: 25.06 min Scan# 3706

Delta R.T. -0.02 min

Lab File: BG038283.D

Acq: 1 Dec 2018 8:28

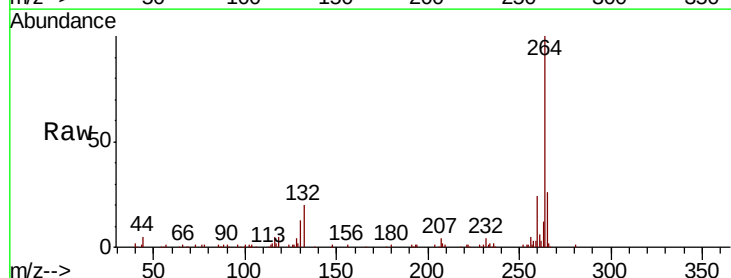
Tgt Ion:264 Resp: 174049

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 25.7 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

