

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
 Data File : BG038284.D
 Acq On : 1 Dec 2018 9:08
 Operator : JU/SJ
 Sample : J6129-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

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

Quant Time: Dec 03 00:02:29 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

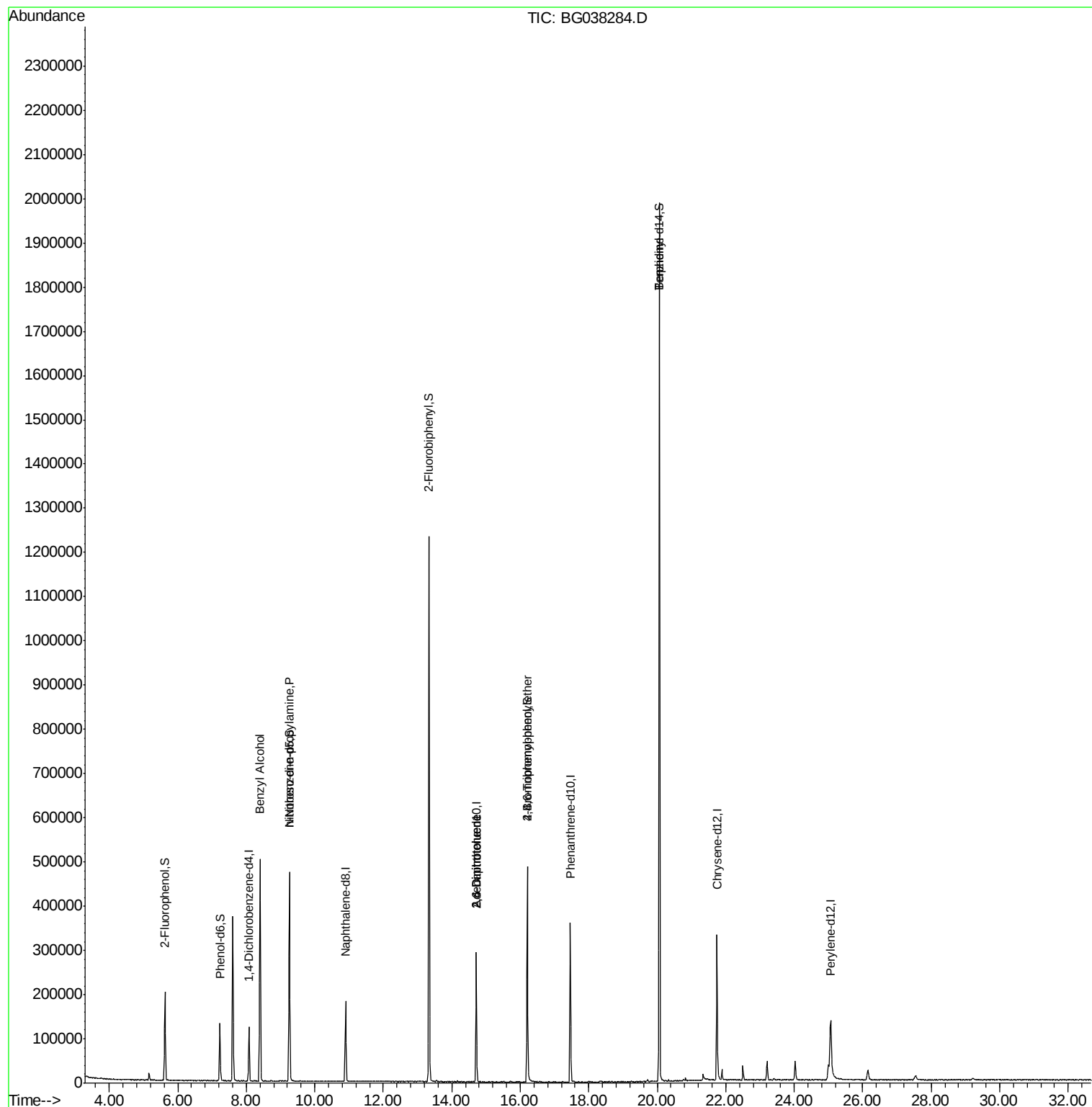
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	34963	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	160822	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	104573	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	232386	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	214080	20.00	ng	-0.01
87) Perylene-d12	25.06	264	200611	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	89209	44.05	ng	0.00
7) Phenol-d6	7.23	99	78987	27.33	ng	0.00
23) Nitrobenzene-d5	9.26	82	293303	97.63	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	96350	80.79	ng	-0.01
45) 2-Fluorobiphenyl	13.34	172	670791	93.45	ng	-0.01
79) Terphenyl-d14	20.06	244	953520	104.80	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.41	79	4229	2.022	ng	# 44
19) n-Nitroso-di-n-propylamine	9.26	70	38818	18.559	ng	# 75
51) 2,6-Dinitrotoluene	14.72	165	13059	6.960	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	13059	5.115	ng	# 25
67) 4-Bromophenyl-phenylether	16.20	248	6698	2.626	ng	# 1
77) Benzidine	20.06	184	16917	2.252	ng	# 93

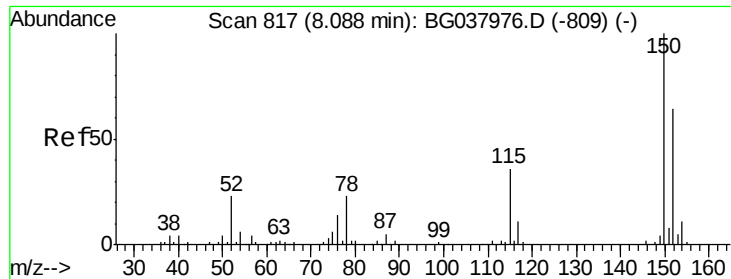
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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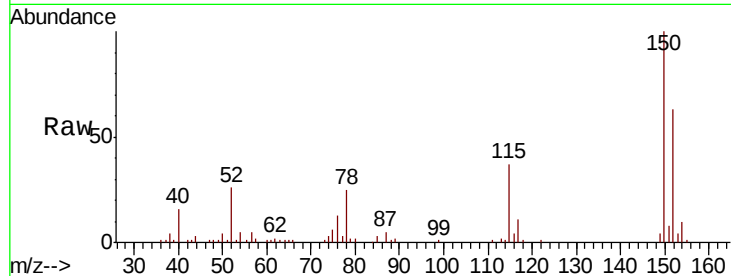


#1

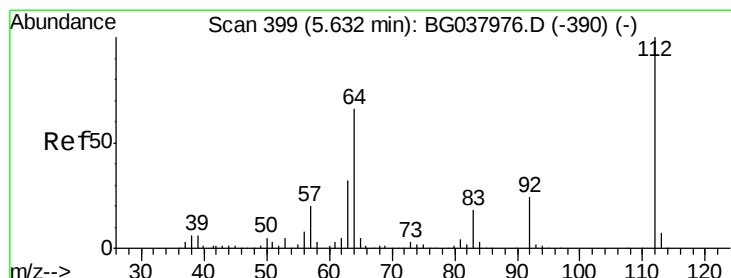
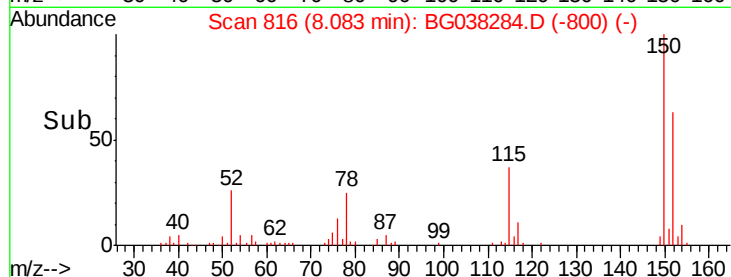
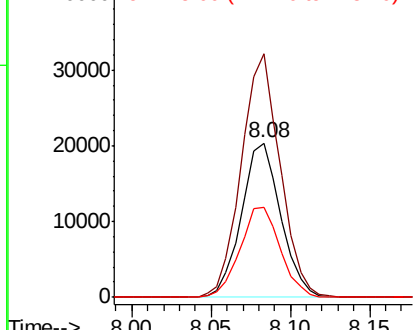
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038284.D
Acq: 1 Dec 2018 9:08

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

Tot Ion:152 Resp: 34963
Ion Ratio Lower Upper
152 100
150 157.7 126.0 189.0
115 58.3 45.5 68.3



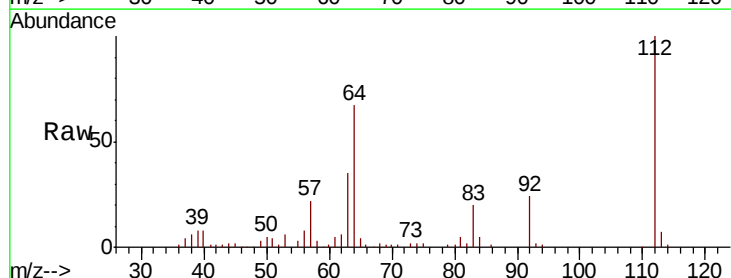
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



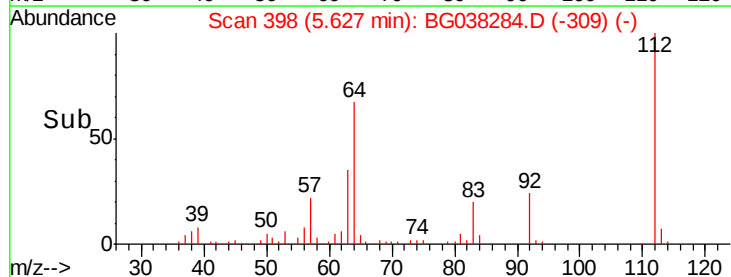
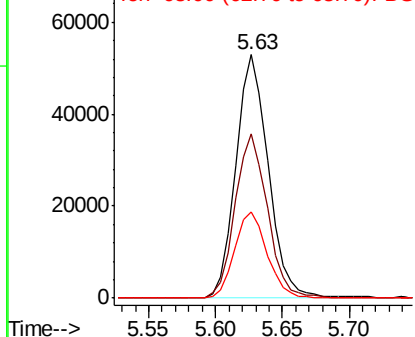
#5

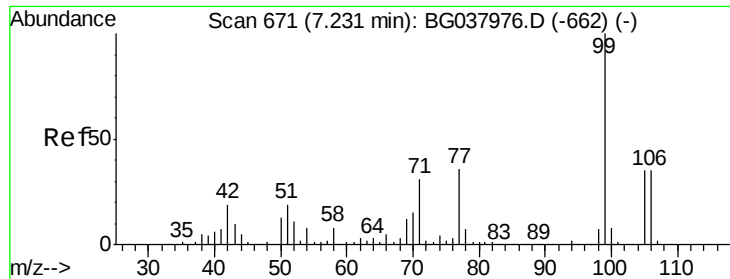
2-Fluorophenol
Concen: 44.054 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038284.D
Acq: 1 Dec 2018 9:08

Tgt Ion:112 Resp: 89209
Ion Ratio Lower Upper
112 100
64 67.3 53.1 79.7
63 35.4 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: 27.326 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038284.D

Acq: 1 Dec 2018 9:08

Instrument :

BNA_G

ClientSampleId :

112818-CHDE-F-U-S

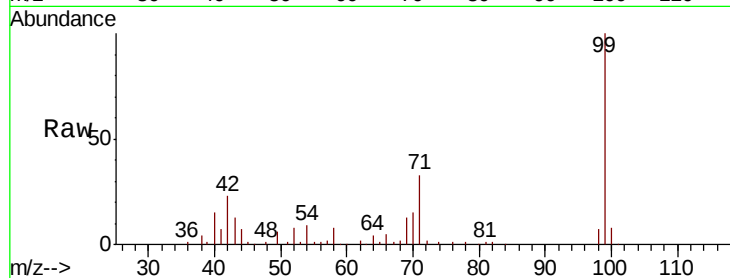
Tot Ion: 99 Resp: 78987

Ion Ratio Lower Upper

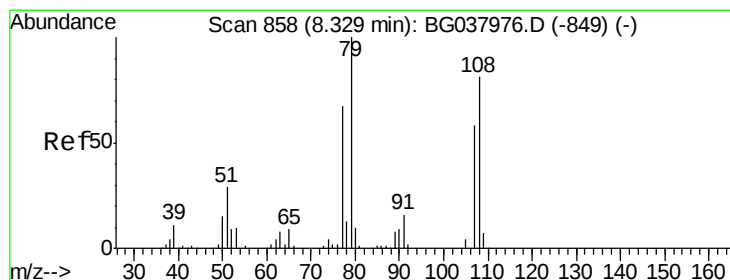
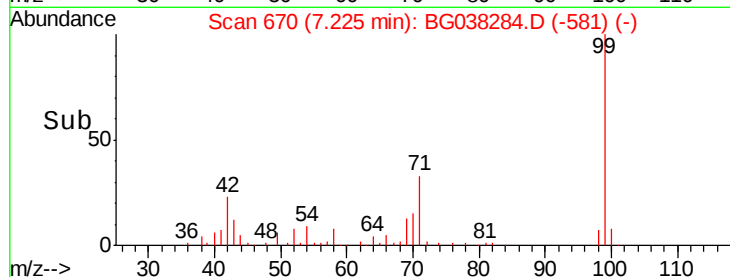
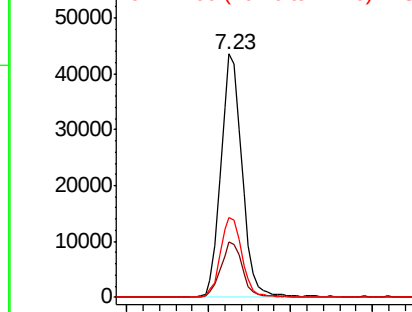
99 100

42 22.5 15.0 22.4#

71 32.6 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: 2.022 ng

RT: 8.41 min Scan# 871

Delta R.T. 0.08 min

Lab File: BG038284.D

Acq: 1 Dec 2018 9:08

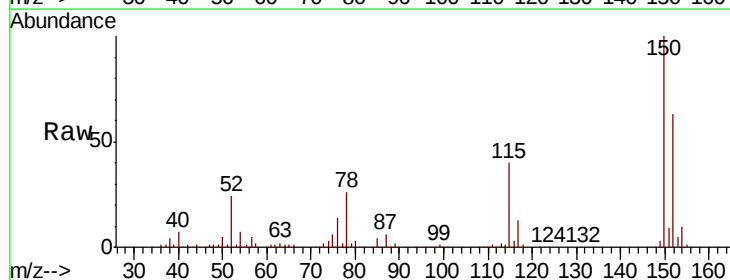
Tgt Ion: 79 Resp: 4229

Ion Ratio Lower Upper

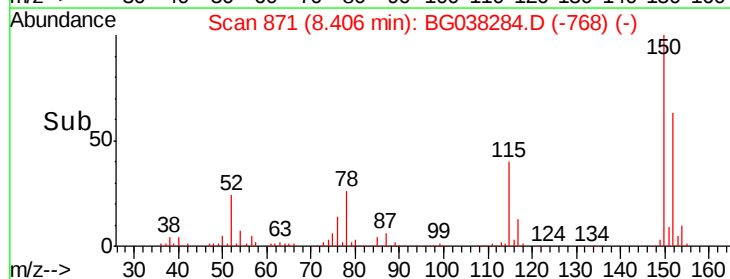
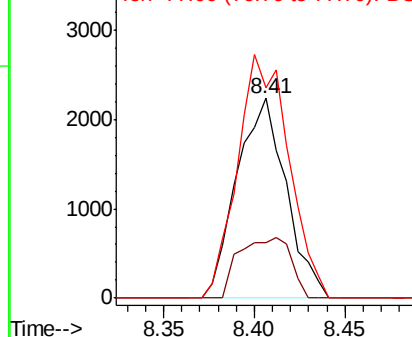
79 100

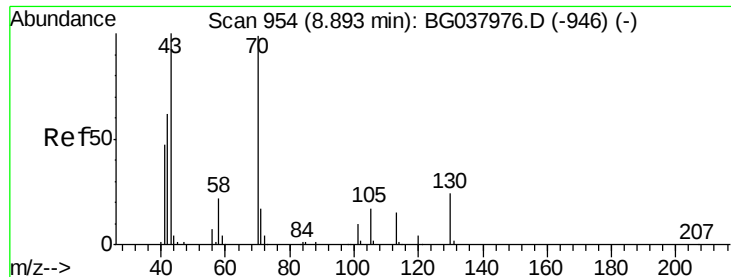
108 28.1 65.8 98.8#

77 105.4 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

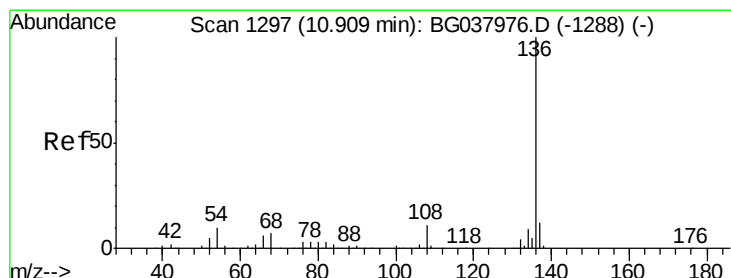
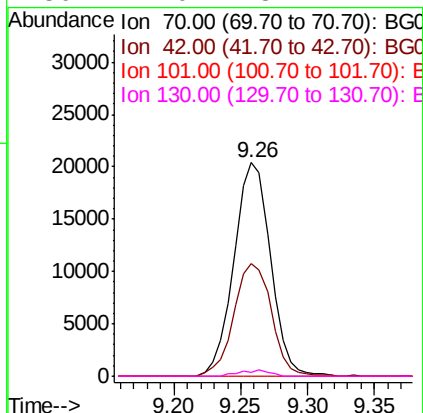
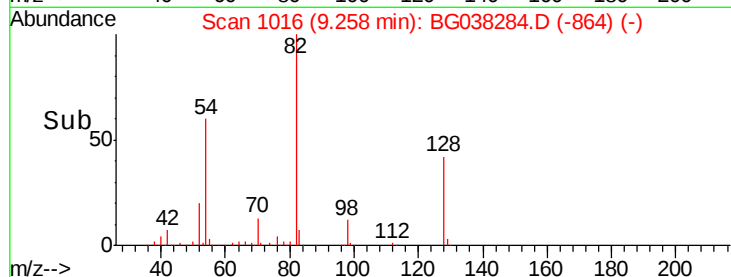
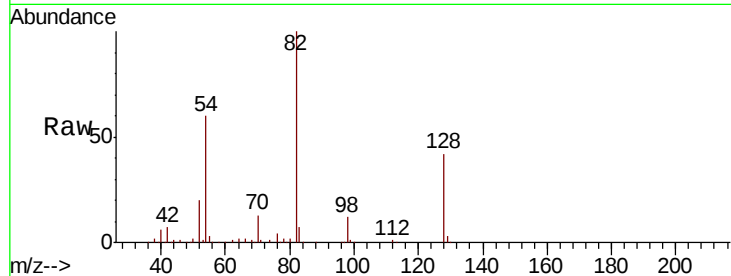




#19
n-Nitroso-di-n-propylamine
Concen: 18.559 ng
RT: 9.26 min Scan# 1016
Delta R.T. 0.36 min
Lab File: BG038284.D
Acq: 1 Dec 2018 9:08

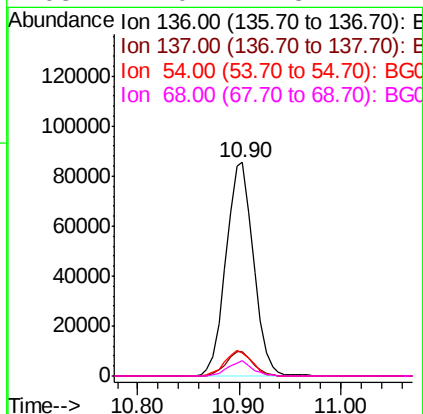
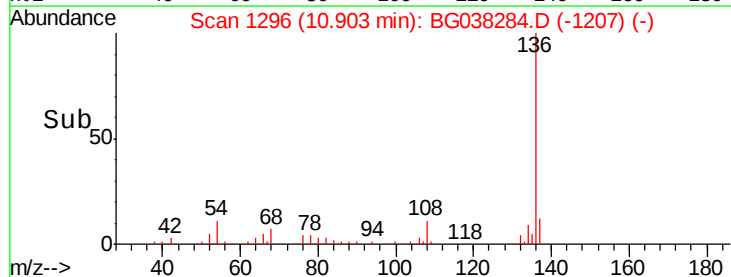
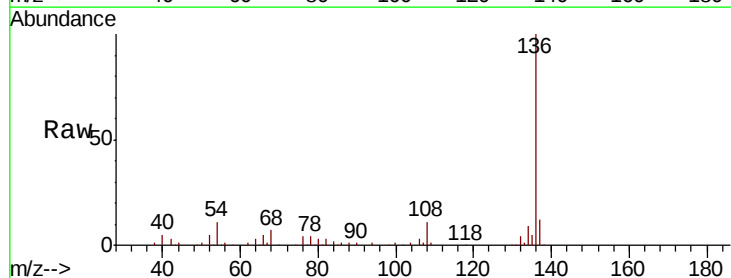
Instrument :
BNA_G
ClientSampleId :
112818-CHDE-F-U-S

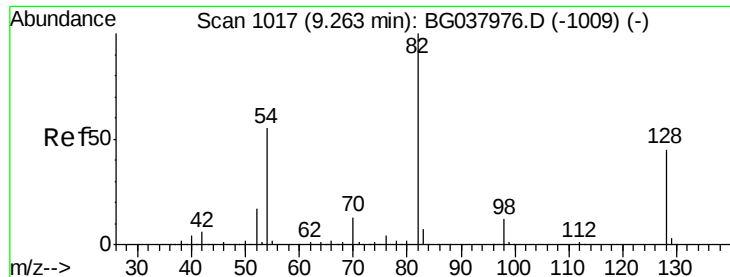
Tot Ion: 70 Resp: 38818
Ion Ratio Lower Upper
70 100
42 52.7 53.9 80.9#
101 0.0 8.2 12.2#
130 2.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038284.D
Acq: 1 Dec 2018 9:08

Tgt Ion: 136 Resp: 160822
Ion Ratio Lower Upper
136 100
137 11.5 9.6 14.4
54 11.0 7.9 11.9
68 7.0 4.8 7.2

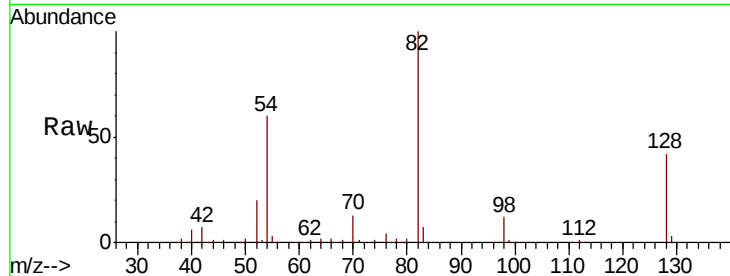




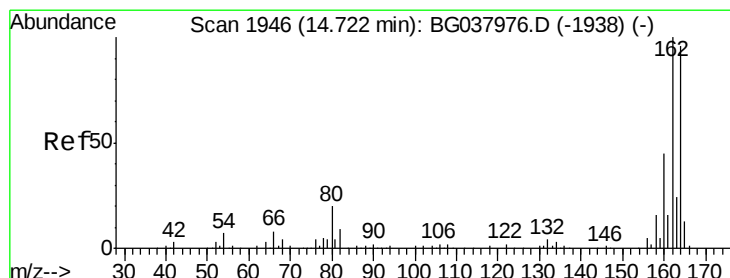
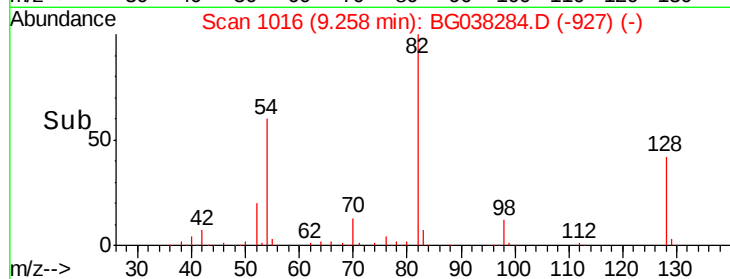
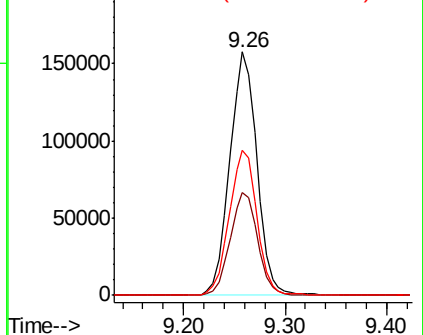
#23
Nitrobenzene-d5
Concen: 97.627 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG038284.D
Acq: 1 Dec 2018 9:08

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

Tot Ion	82	Resp	293303
Ion Ratio	Lower	Upper	
82	100		
128	42.1	34.6	51.8
54	59.7	45.3	67.9

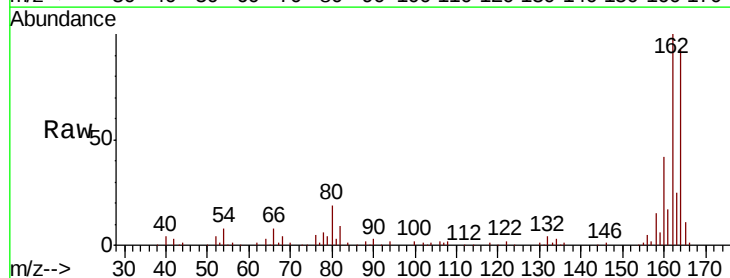


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

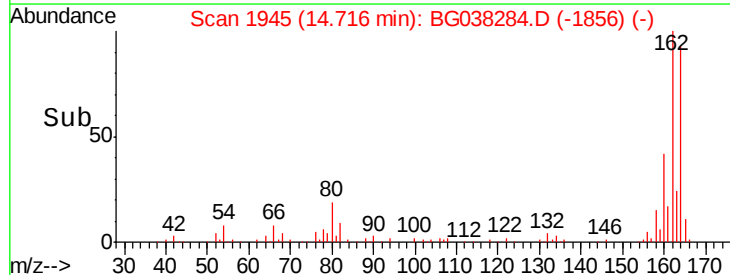
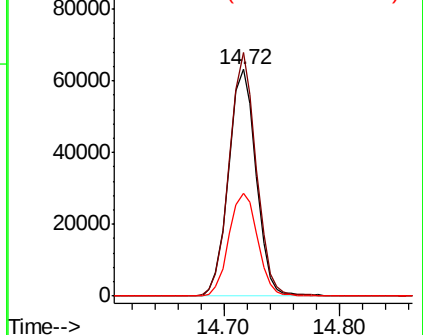


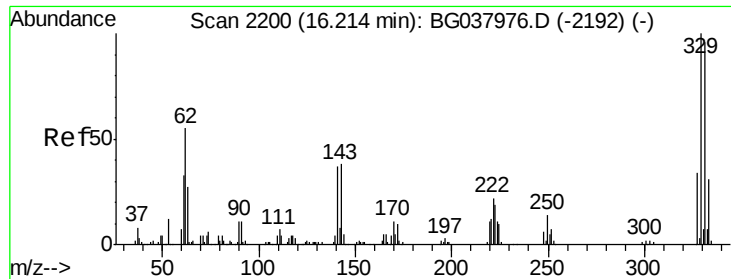
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG038284.D
Acq: 1 Dec 2018 9:08

Tgt Ion	164	Resp	104573
Ion Ratio	Lower	Upper	
164	100		
162	107.5	81.3	121.9
160	45.3	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: 80.788 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038284.D

Acq: 1 Dec 2018 9:08

Instrument :

BNA_G

ClientSampleId :

112818-CHDE-F-U-S

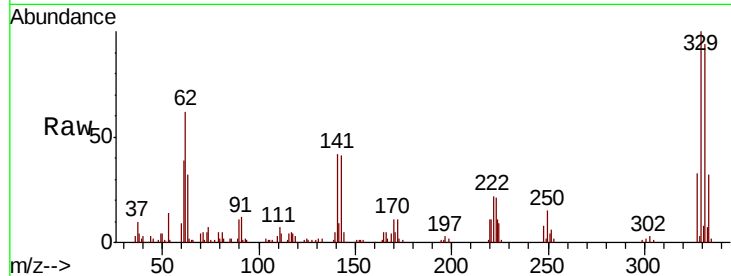
Tot Ion:330 Resp: 96350

Ion Ratio Lower Upper

330 100

332 93.7 78.4 117.6

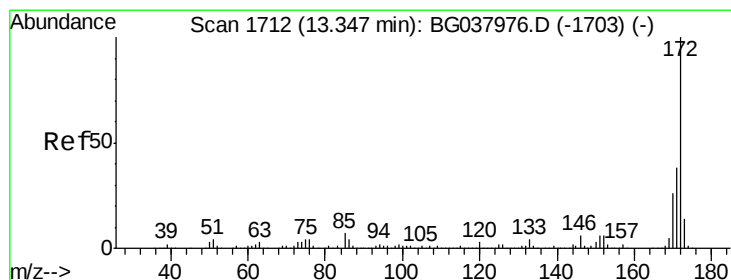
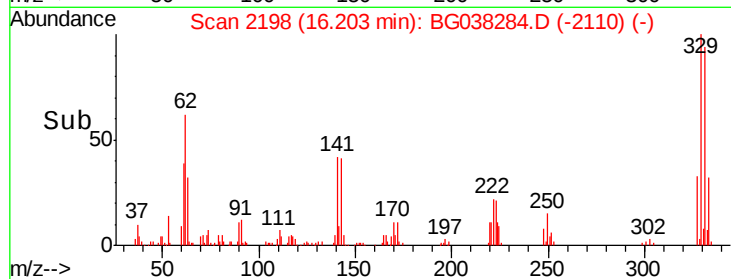
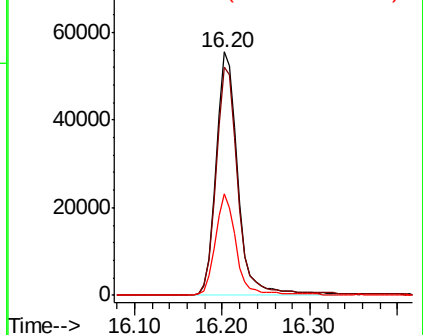
141 40.4 32.2 48.2



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: 93.451 ng

RT: 13.34 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BG038284.D

Acq: 1 Dec 2018 9:08

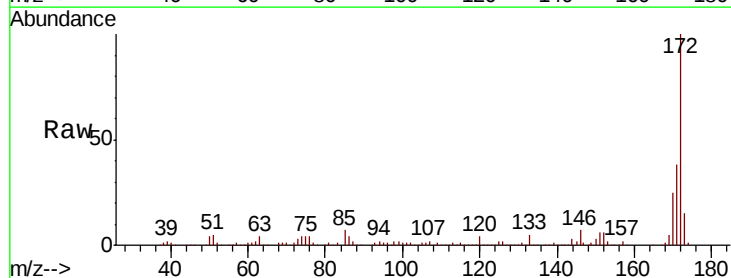
Tgt Ion:172 Resp: 670791

Ion Ratio Lower Upper

172 100

171 37.7 31.0 46.4

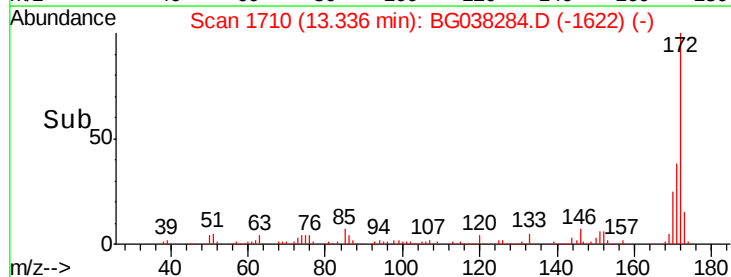
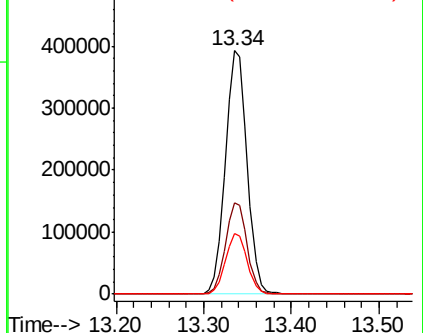
170 25.1 20.2 30.2

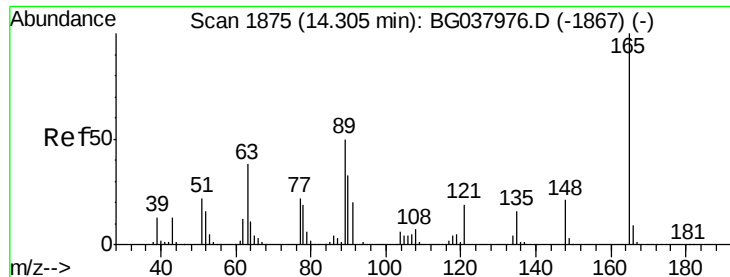


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

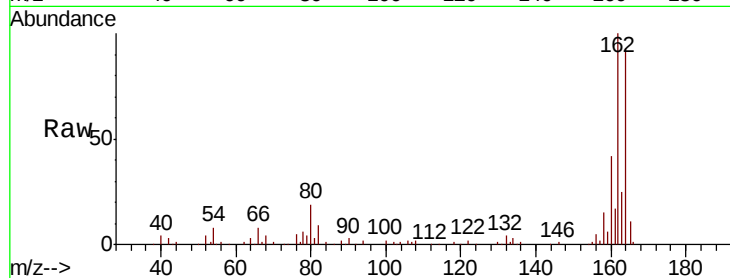




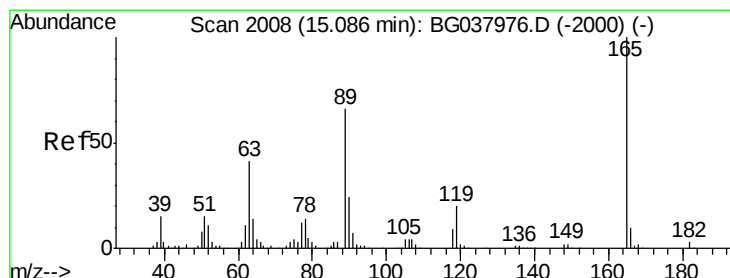
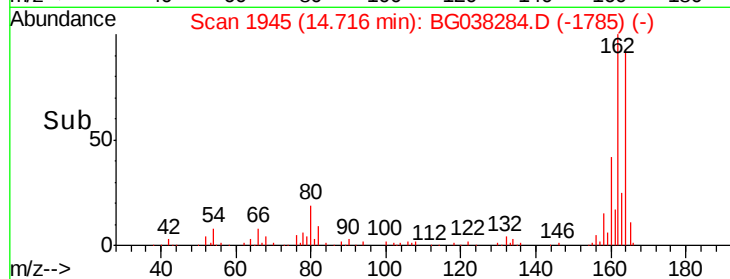
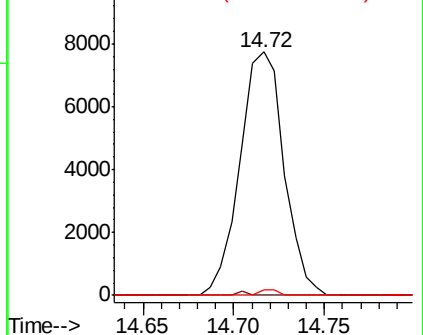
#51
 2,6-Dinitrotoluene
 Concen: 6.960 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038284.D
 Acq: 1 Dec 2018 9:08

Instrument :
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Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.3	45.8	68.6#



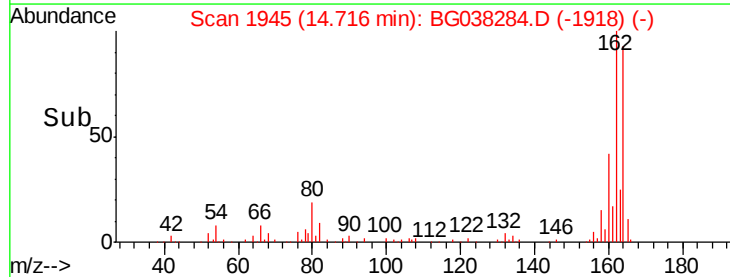
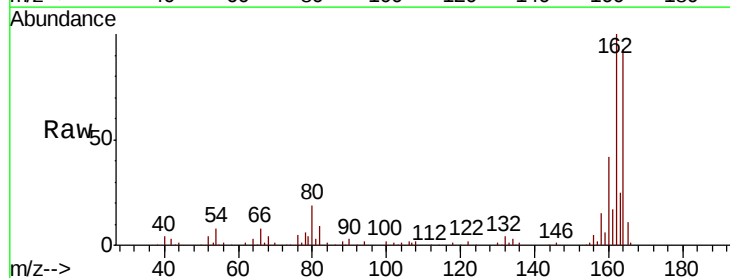
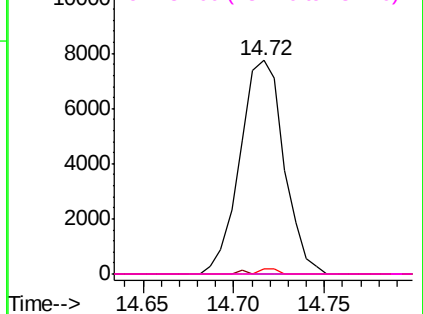
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

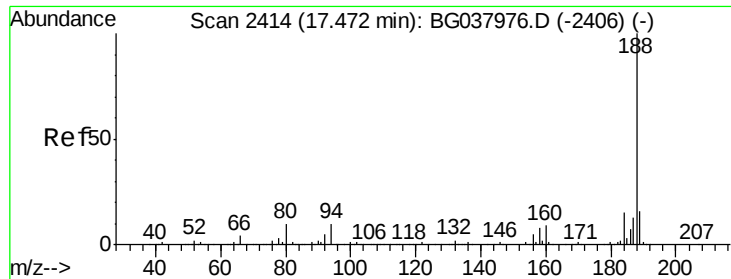


#57
 2,4-Dinitrotoluene
 Concen: 5.115 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038284.D
 Acq: 1 Dec 2018 9:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.3	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: BG038284.D

Acq: 1 Dec 2018 9:08

Instrument :

BNA_G

ClientSampleId :

112818-CHDE-F-U-S

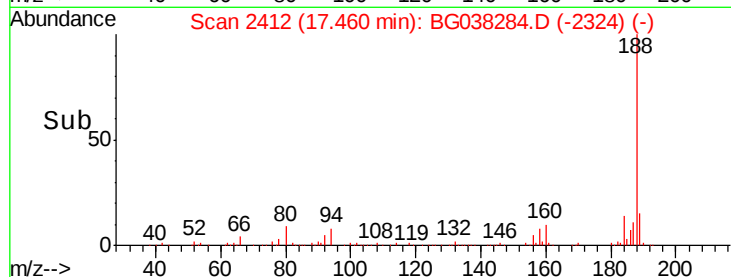
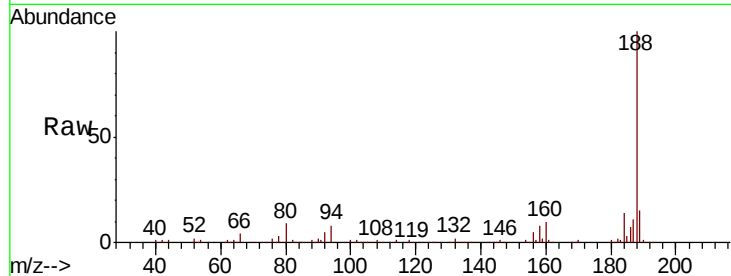
Tot Ion:188 Resp: 232386

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

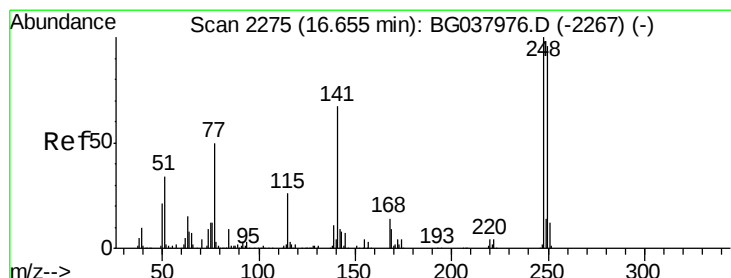
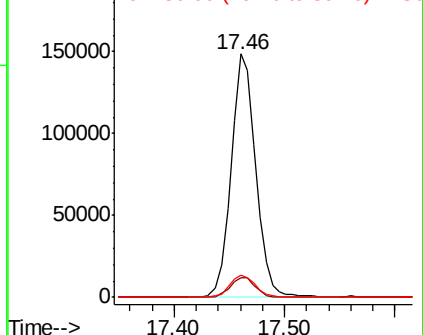
80 9.1 7.7 11.5



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



#67

4-Bromophenyl-phenylether

Concen: 2.626 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.45 min

Lab File: BG038284.D

Acq: 1 Dec 2018 9:08

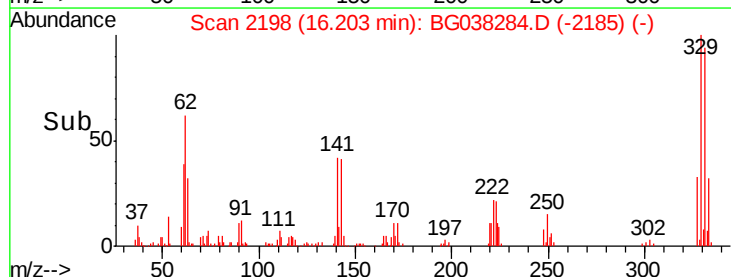
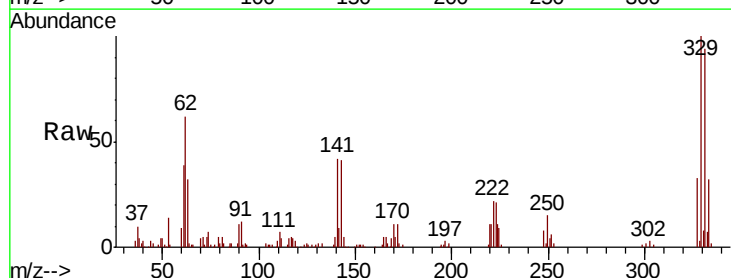
Tgt Ion:248 Resp: 6698

Ion Ratio Lower Upper

248 100

250 194.3 77.0 115.6#

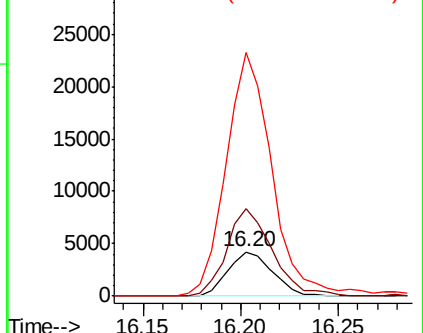
141 431.6 55.5 83.3#

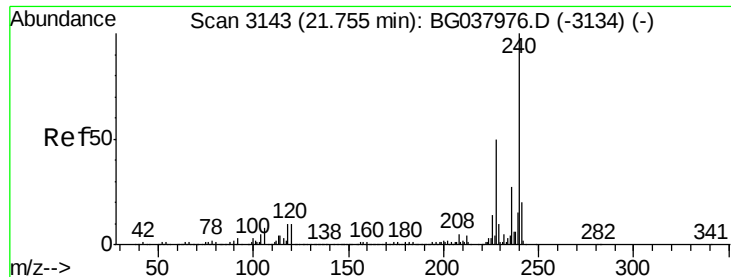


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

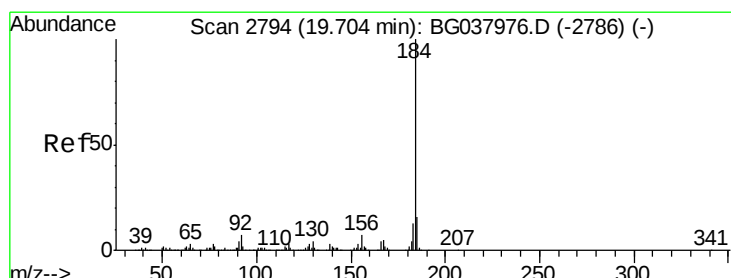
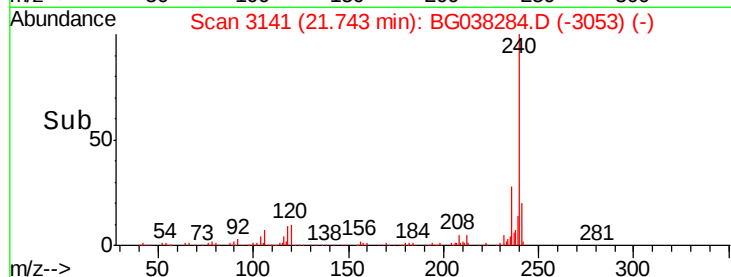
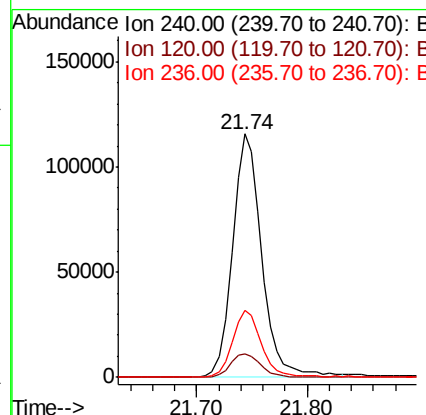
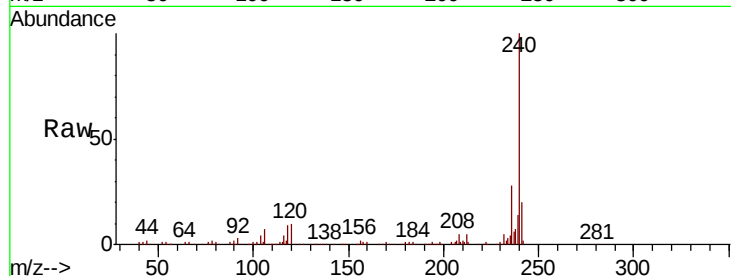




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038284.D
Acq: 1 Dec 2018 9:08

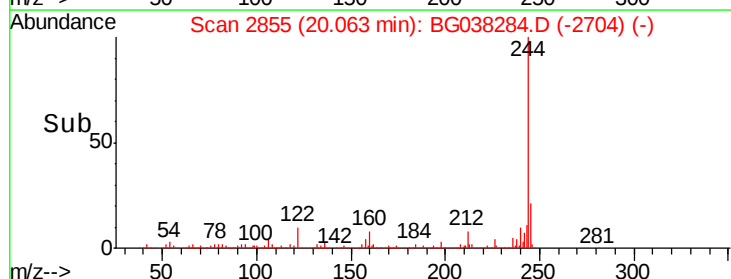
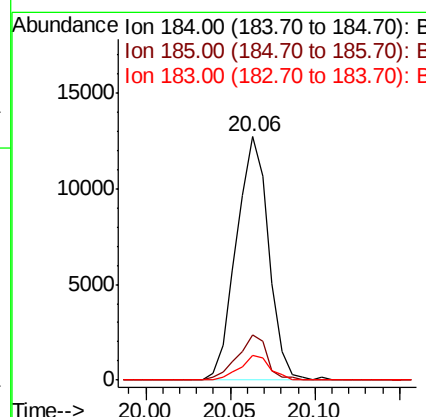
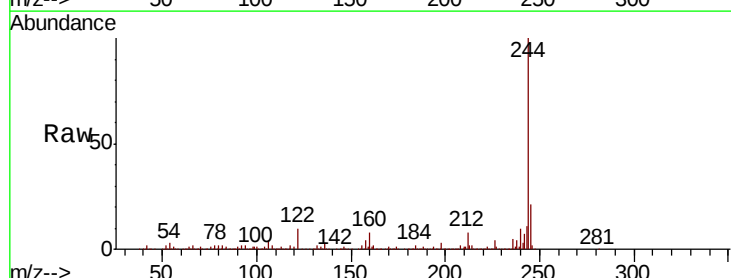
Instrument :
BNA_G
ClientSampleId :
112818-CHDE-F-U-S

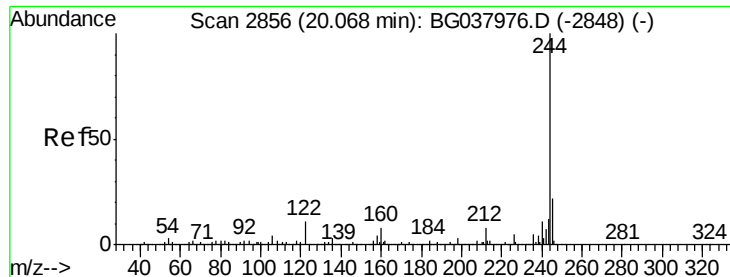
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.1	12.1
236	27.6	21.4	32.0



#77
Benzidine
Concen: 2.252 ng
RT: 20.06 min Scan# 2855
Delta R.T. 0.36 min
Lab File: BG038284.D
Acq: 1 Dec 2018 9:08

Tgt Ion	Ratio	Lower	Upper
184	100		
185	18.5	12.6	18.8
183	9.9	10.2	15.2#





#79

Terphenyl-d14

Concen: 104.804 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038284.D

Acq: 1 Dec 2018 9:08

Instrument :

BNA_G

ClientSampleId :

112818-CHDE-F-U-S

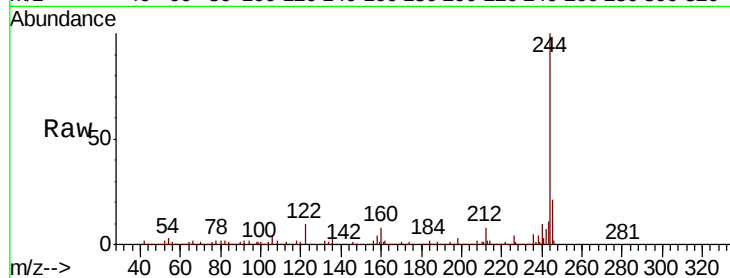
Tot Ion:244 Resp: 953520

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

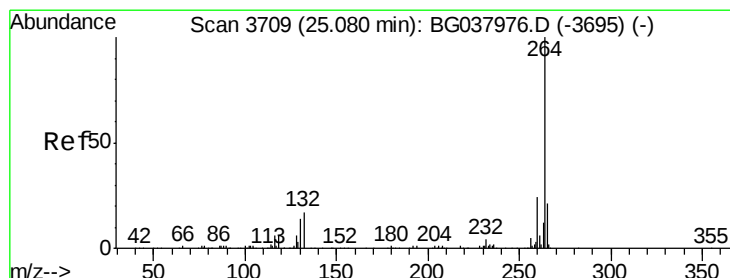
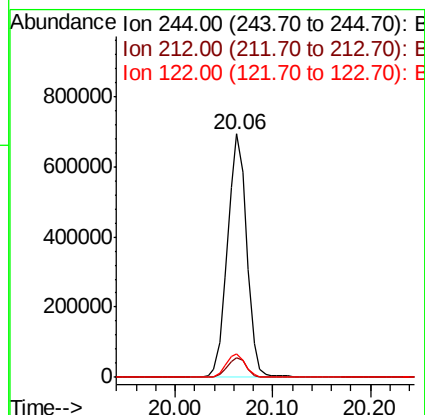
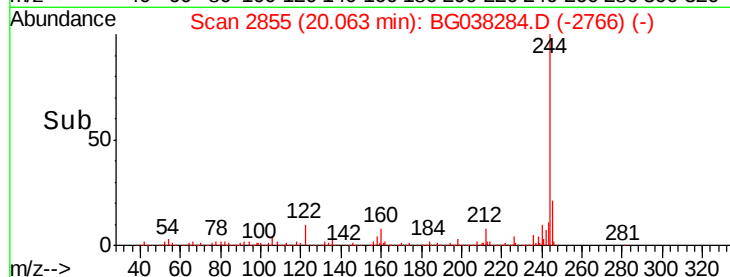
122 9.7 9.0 13.4



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: BG038284.D

Acq: 1 Dec 2018 9:08

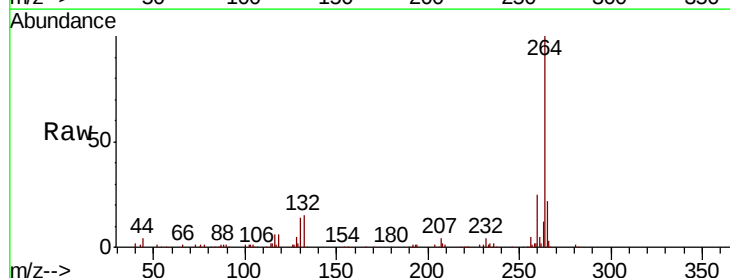
Tgt Ion:264 Resp: 200611

Ion Ratio Lower Upper

264 100

260 24.9 18.2 27.4

265 22.0 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

