

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112818\
 Data File : BG038212.D
 Acq On : 28 Nov 2018 23:10
 Operator : JU/SJ
 Sample : J6069-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112318-DBRI-F-U-M

Quant Time: Nov 29 04:32:19 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

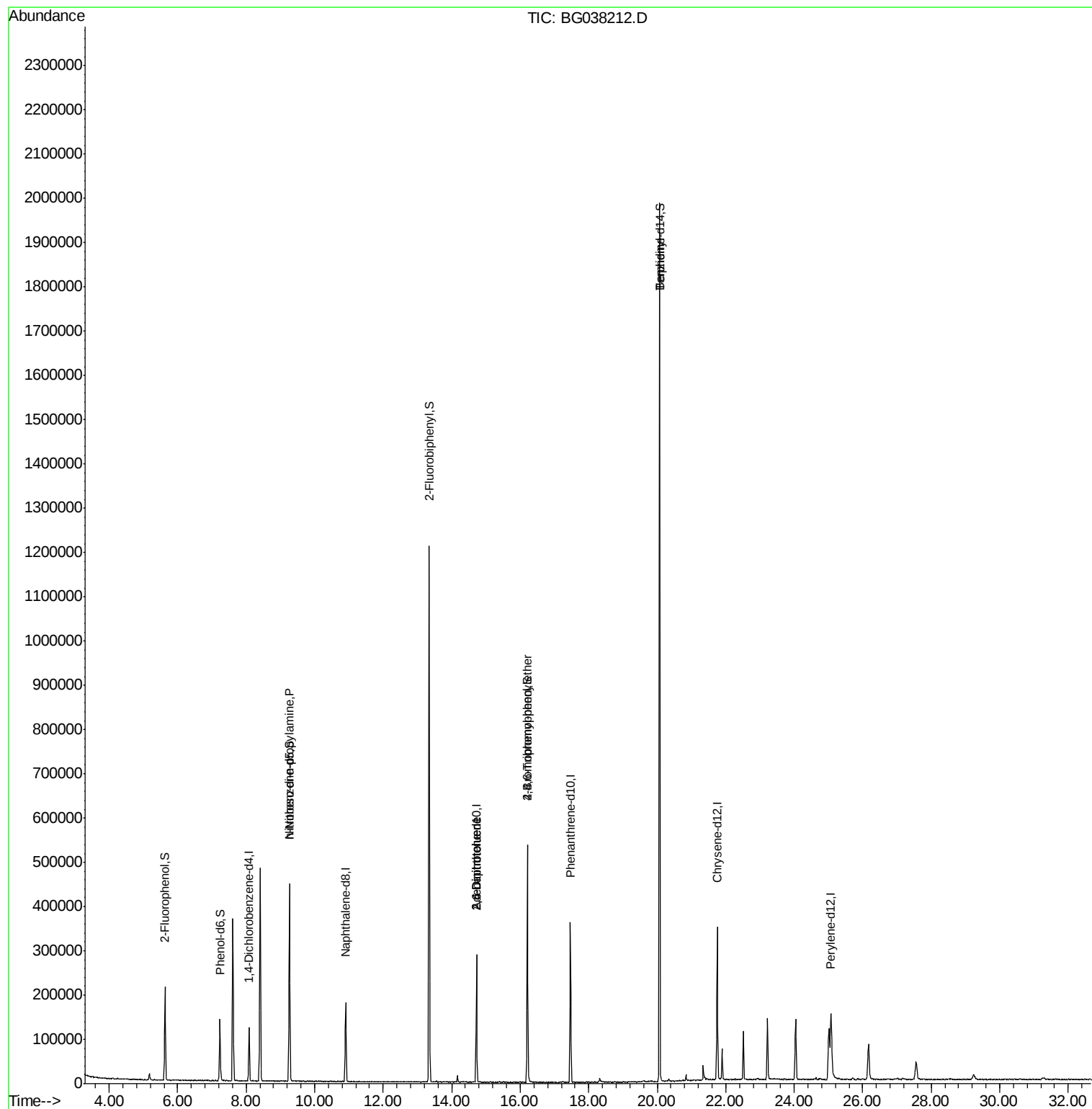
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	34622	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	157151	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	103190	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	224204	20.00	ng	0.00
76) Chrysene-d12	21.75	240	217995	20.00	ng	0.00
87) Perylene-d12	25.07	264	208583	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	95323	47.54	ng	0.00
7) Phenol-d6	7.23	99	85647	29.92	ng	0.00
23) Nitrobenzene-d5	9.26	82	284702	96.98	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	100609	85.49	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	645310	91.11	ng	0.00
79) Terphenyl-d14	20.07	244	949386	102.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	35910	17.338	ng	# 72
51) 2,6-Dinitrotoluene	14.72	165	13074	7.061	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	13074	5.190	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	6810	2.767	ng	# 1
77) Benzidine	20.07	184	17423	2.278	ng	# 95

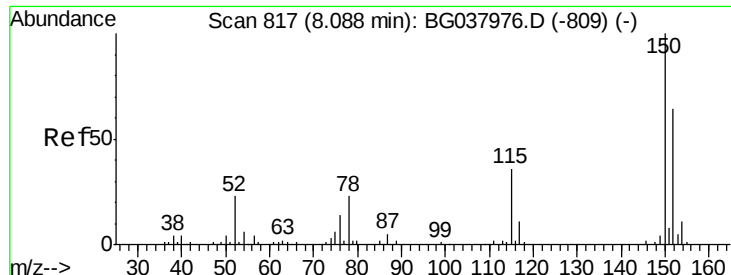
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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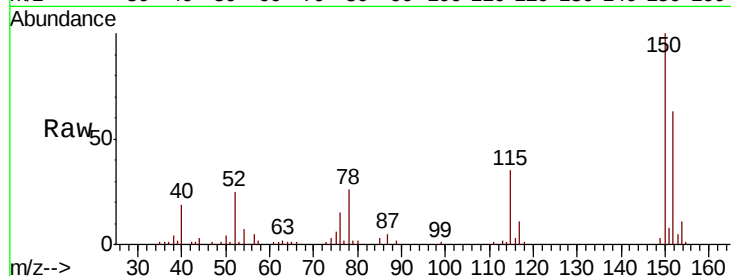


#1

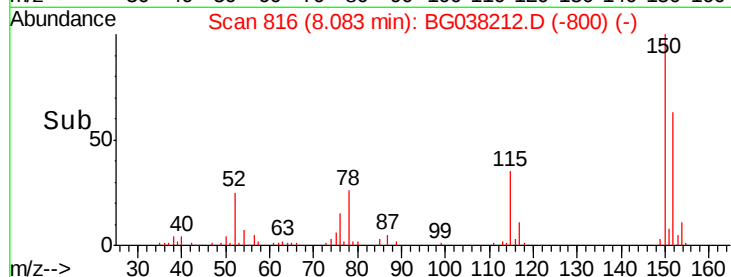
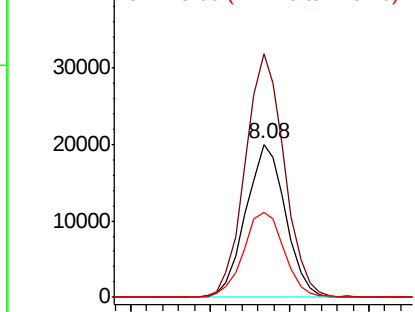
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038212.D
Acq: 28 Nov 2018 23:10

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-U-M

Tgt Ion:152 Resp: 34622
Ion Ratio Lower Upper
152 100
150 159.3 126.0 189.0
115 55.4 45.5 68.3



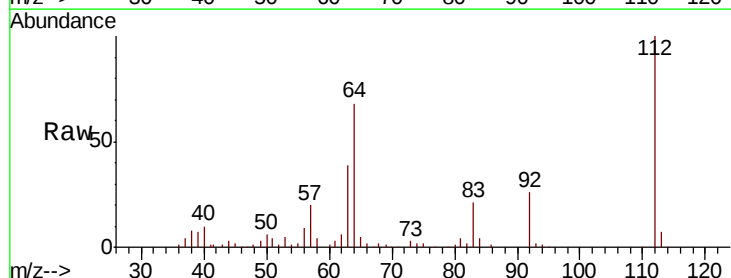
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



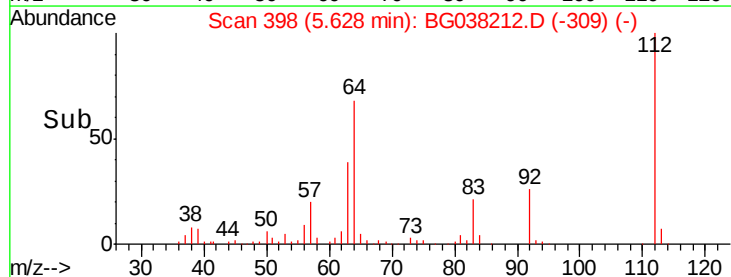
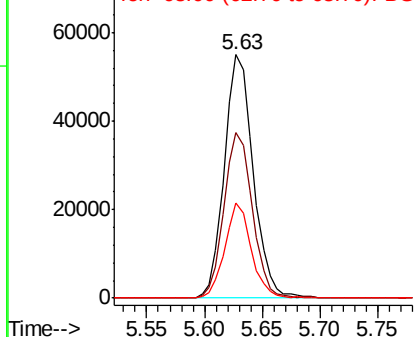
#5

2-Fluorophenol
Concen: 47.537 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038212.D
Acq: 28 Nov 2018 23:10

Tgt Ion:112 Resp: 95323
Ion Ratio Lower Upper
112 100
64 68.1 53.1 79.7
63 39.0 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: 29.922 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038212.D

Acq: 28 Nov 2018 23:10

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-U-M

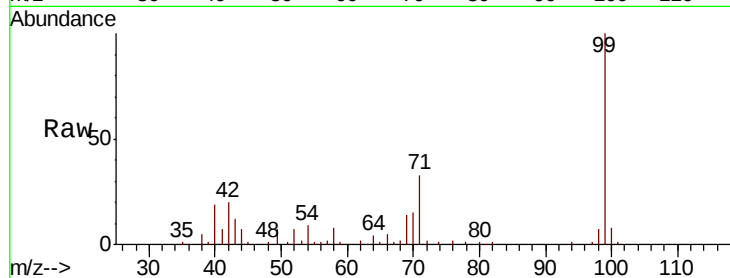
Tgt Ion: 99 Resp: 85647

Ion Ratio Lower Upper

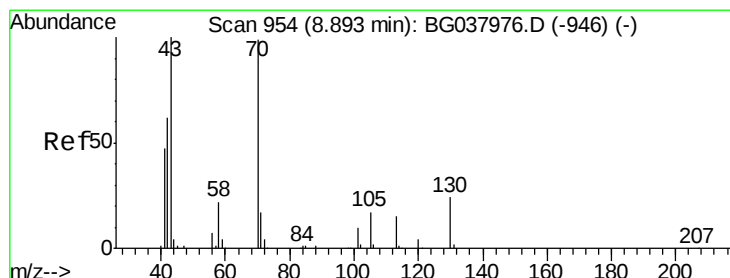
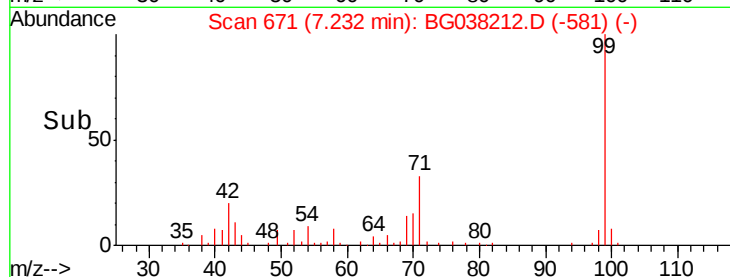
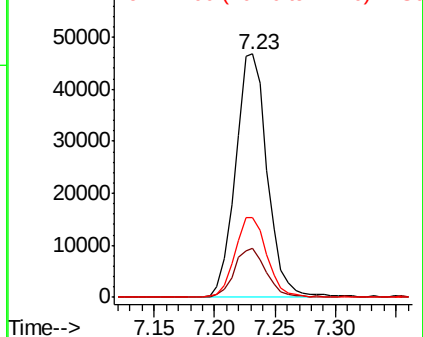
99 100

42 20.2 15.0 22.4

71 32.8 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



#19

n-Nitroso-di-n-propylamine

Concen: 17.338 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038212.D

Acq: 28 Nov 2018 23:10

Tgt Ion: 70 Resp: 35910

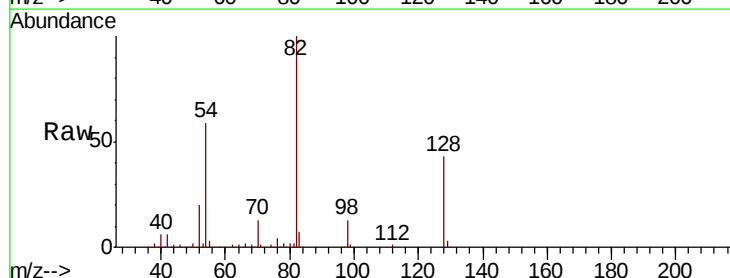
Ion Ratio Lower Upper

70 100

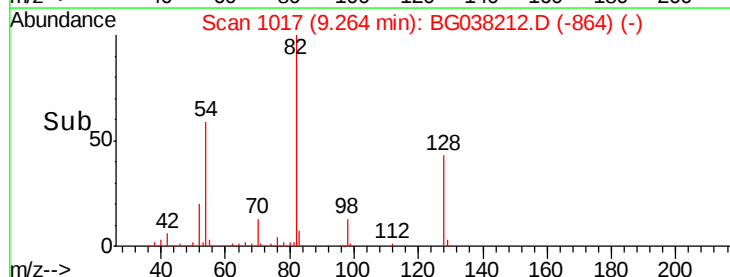
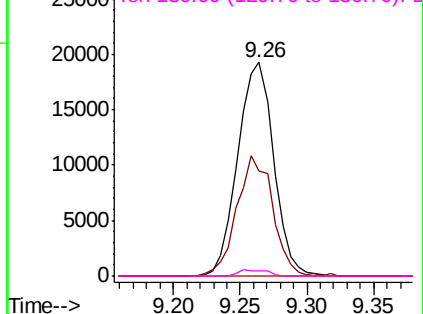
42 48.9 53.9 80.9#

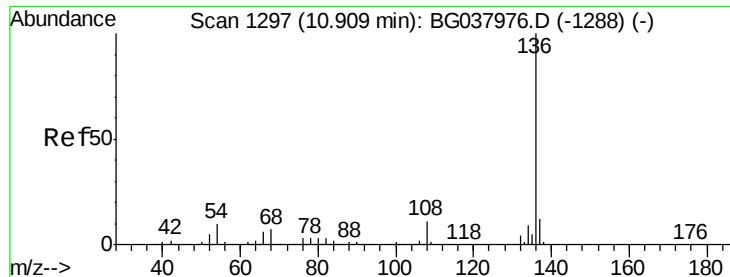
101 0.0 8.2 12.2#

130 2.3 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

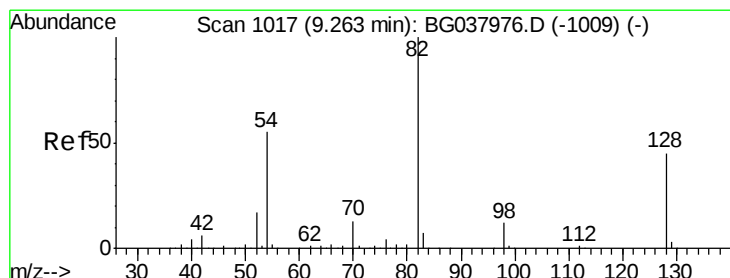
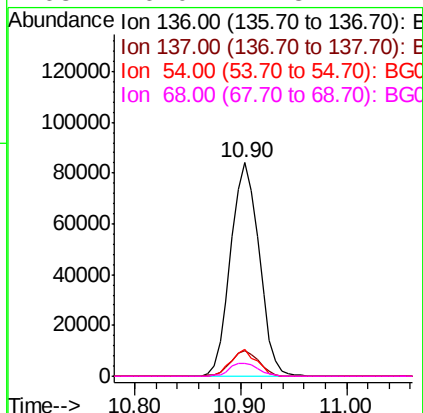
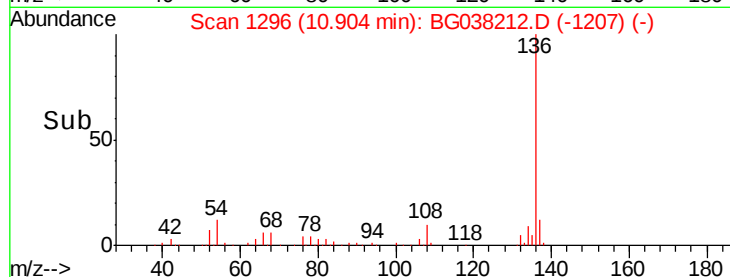
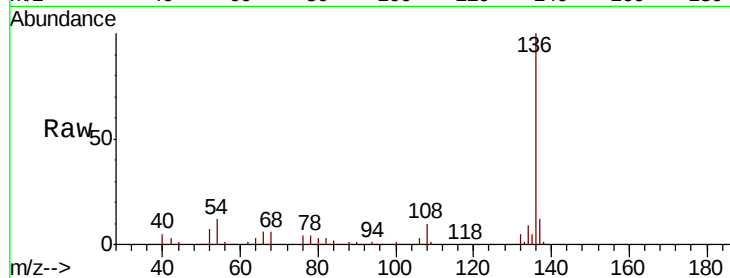




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038212.D
Acq: 28 Nov 2018 23:10

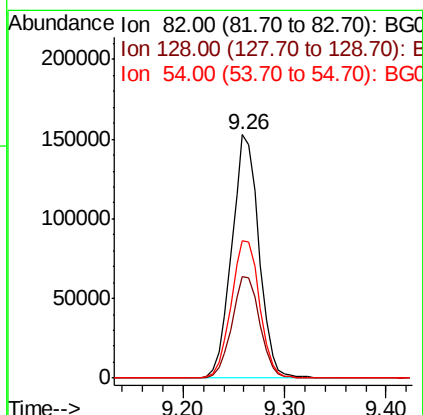
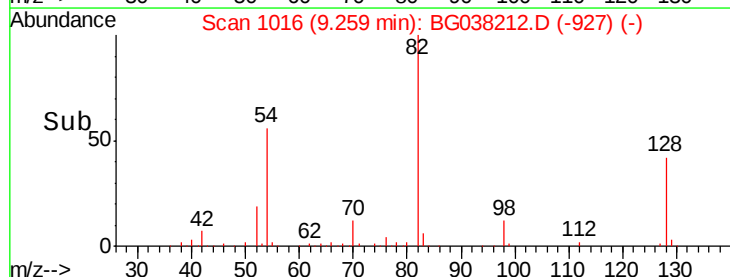
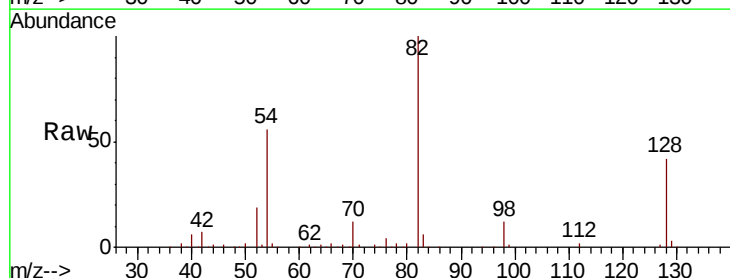
Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-U-M

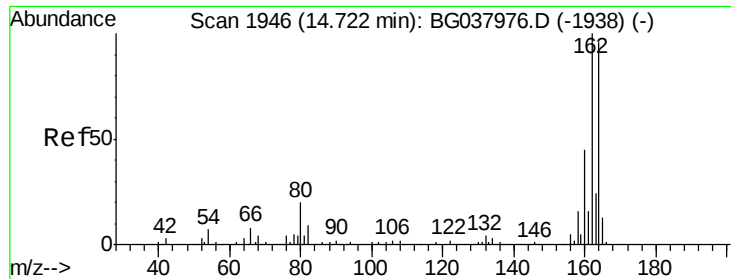
Tgt Ion:	136	Resp:	157151
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	12.4	7.9	11.9#
68	6.0	4.8	7.2



#23
Nitrobenzene-d5
Concen: 96.978 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038212.D
Acq: 28 Nov 2018 23:10

Tgt Ion:	82	Resp:	284702
Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	51.8
54	56.2	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038212.D

Acq: 28 Nov 2018 23:10

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-U-M

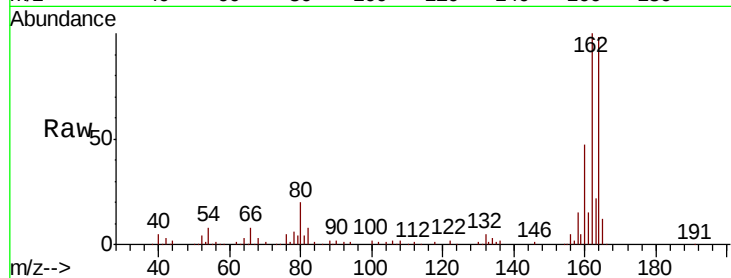
Tgt Ion:164 Resp: 103190

Ion Ratio Lower Upper

164 100

162 101.7 81.3 121.9

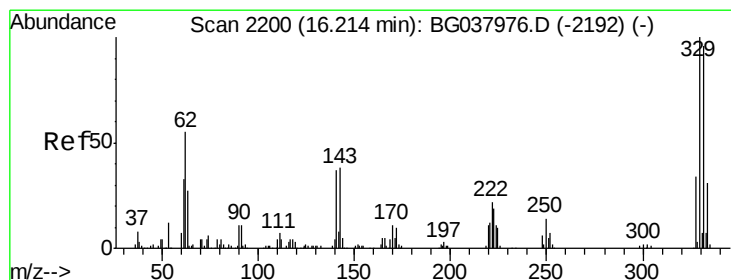
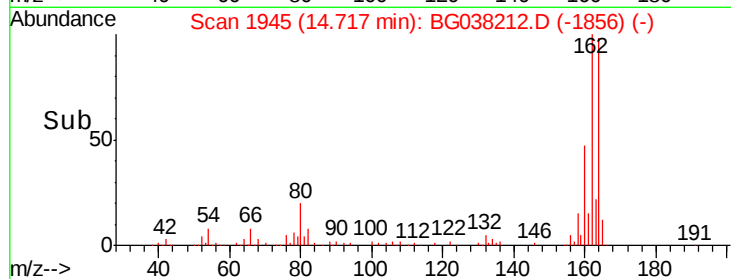
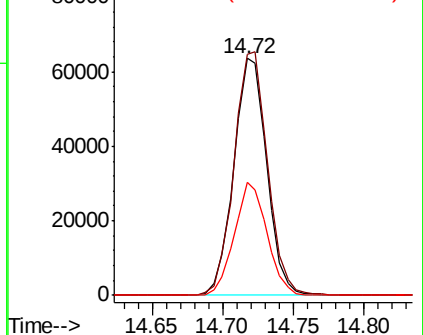
160 47.5 36.3 54.5



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: 85.490 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038212.D

Acq: 28 Nov 2018 23:10

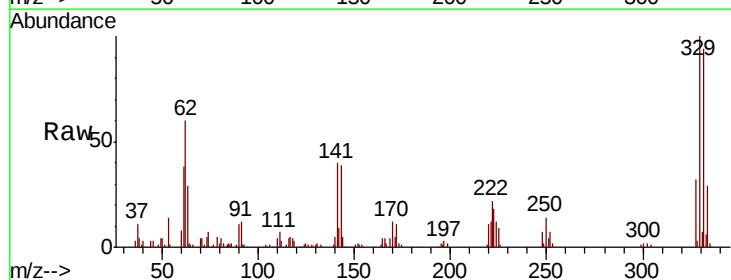
Tgt Ion:330 Resp: 100609

Ion Ratio Lower Upper

330 100

332 94.4 78.4 117.6

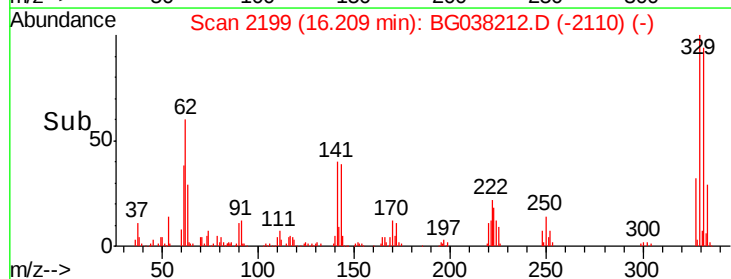
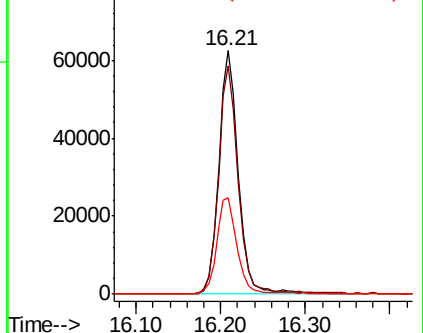
141 41.3 32.2 48.2



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

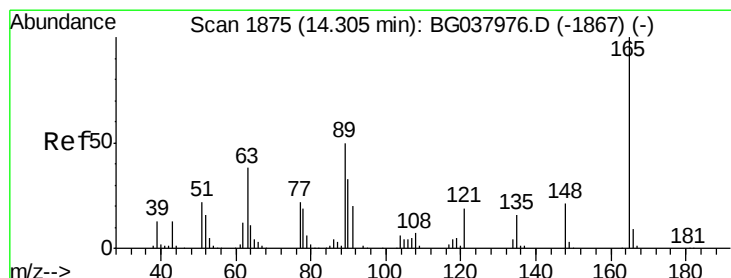
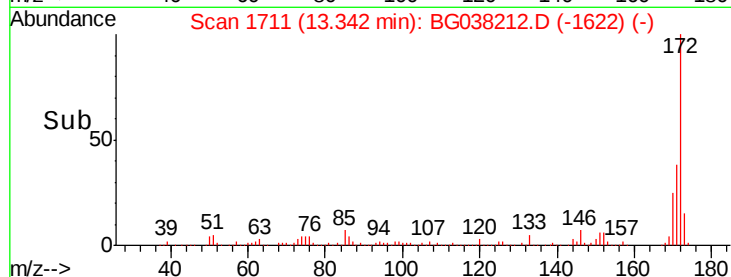
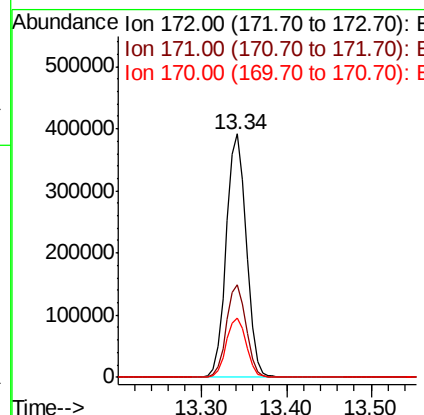
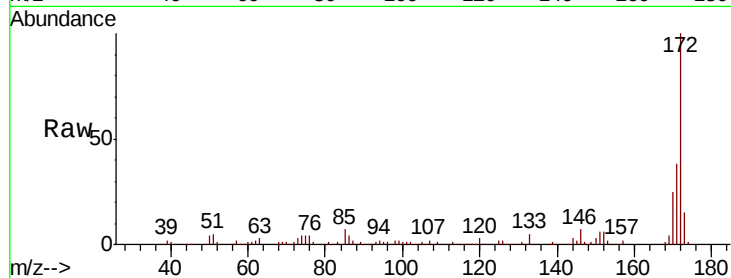




#45
 2-Fluorobiphenyl
 Concen: 91.106 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038212.D
 Acq: 28 Nov 2018 23:10

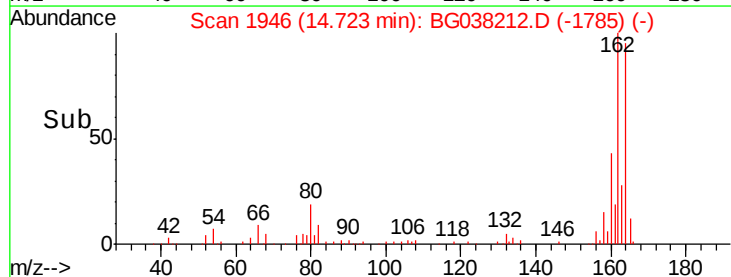
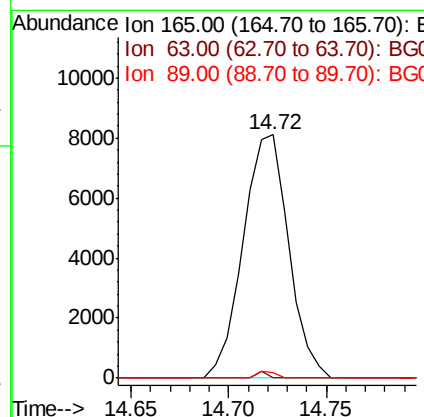
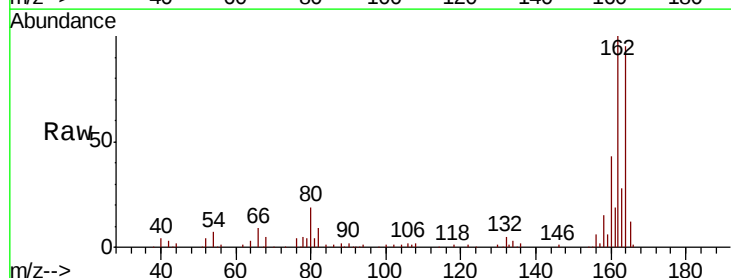
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	24.6	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.061 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038212.D
 Acq: 28 Nov 2018 23:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.4	45.8	68.6#

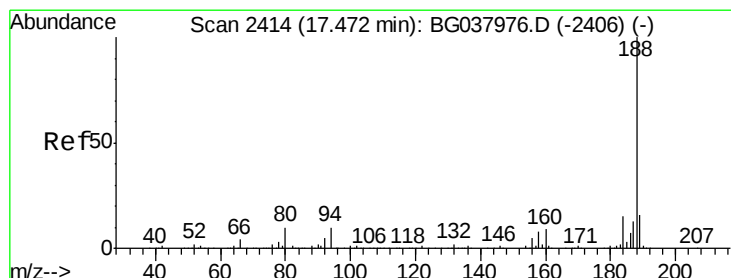
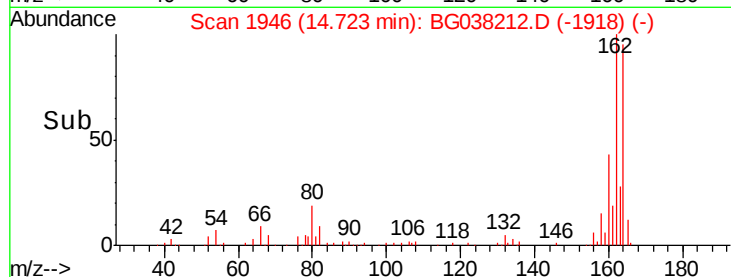
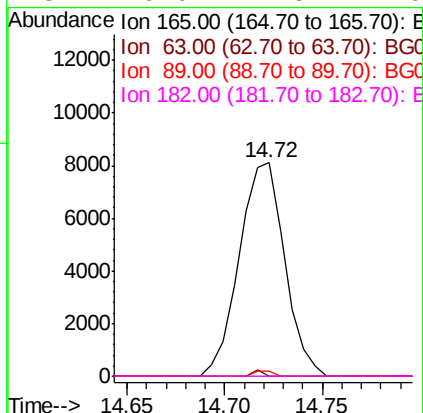
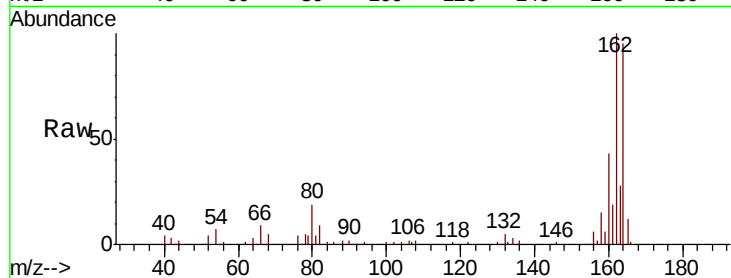




#57
 2,4-Dinitrotoluene
 Concen: 5.190 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038212.D
 Acq: 28 Nov 2018 23:10

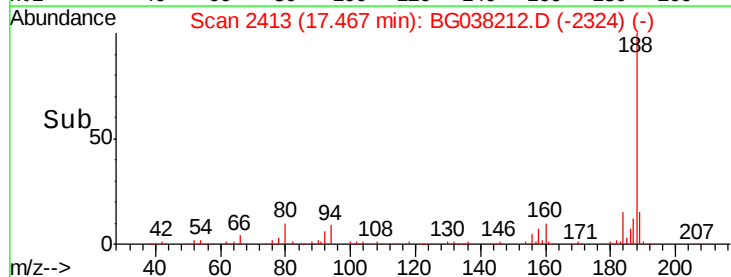
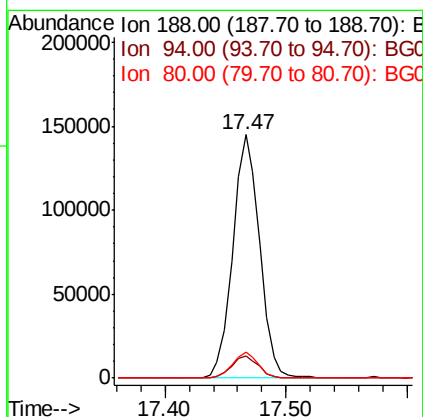
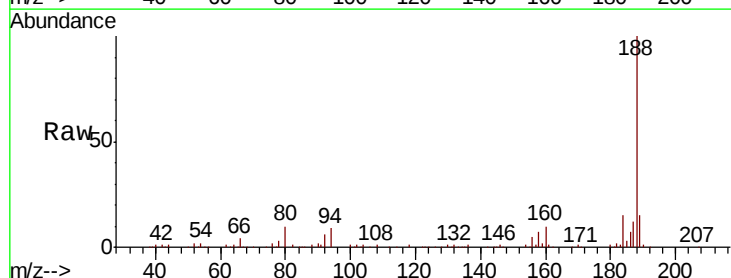
Instrument :
 BNA_G
 ClientSampleId :
 112318-DBRI-F-U-M

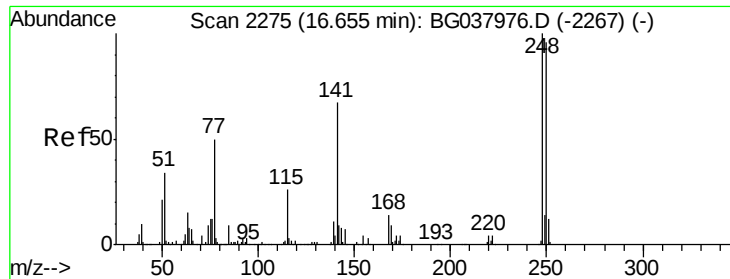
Tgt Ion:	165	Resp:	13074
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.4	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG038212.D
 Acq: 28 Nov 2018 23:10

Tgt Ion:	188	Resp:	224204
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.4	7.7	11.5

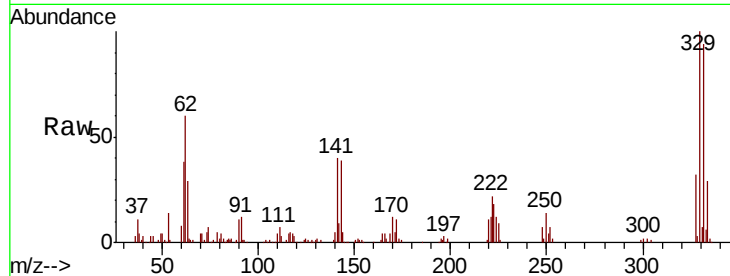




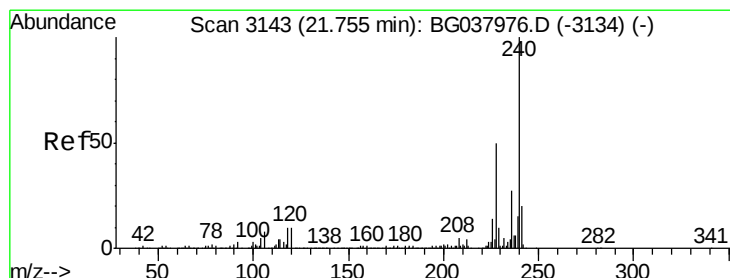
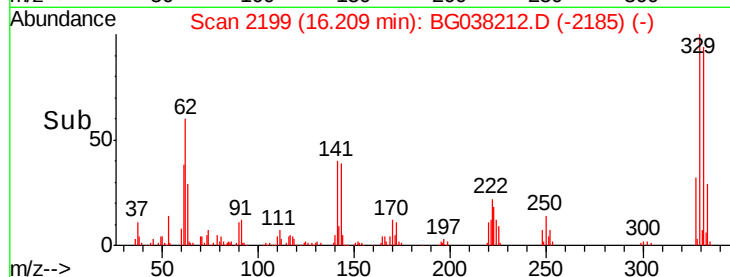
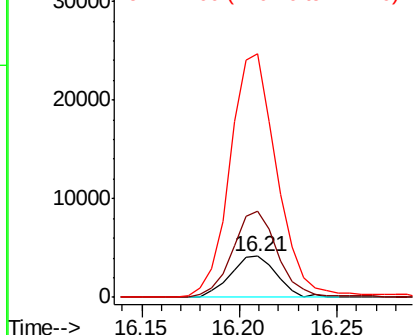
#67
4-Bromophenyl-phenylether
Concen: 2.767 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG038212.D
Acq: 28 Nov 2018 23:10

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-U-M

Tgt Ion:248 Resp: 6810
Ion Ratio Lower Upper
248 100
250 206.1 77.0 115.6#
141 444.8 55.5 83.3#

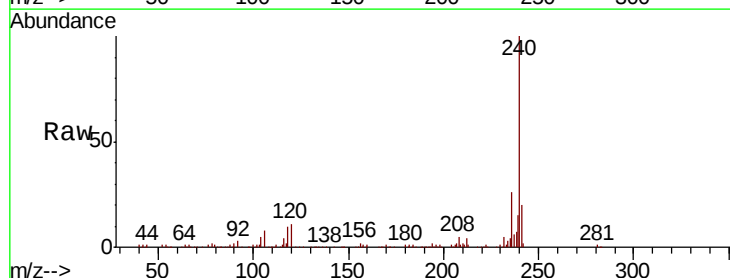


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

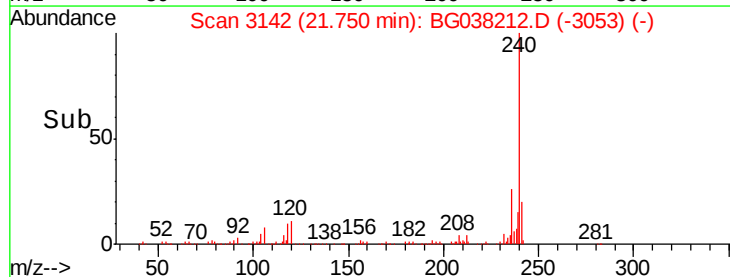
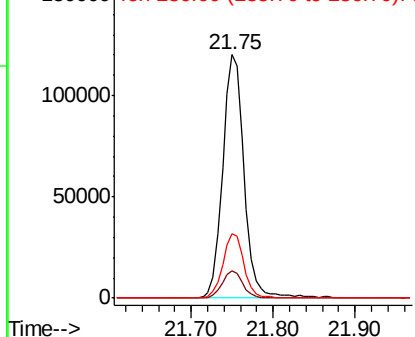


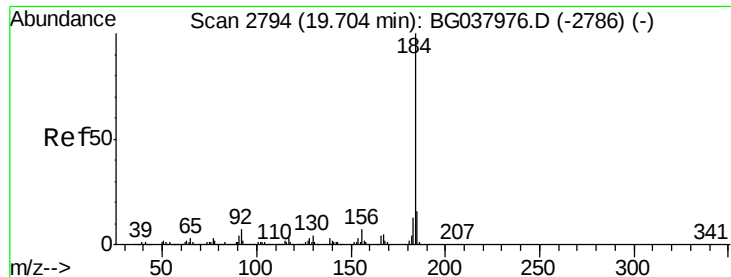
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038212.D
Acq: 28 Nov 2018 23:10

Tgt Ion:240 Resp: 217995
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 26.3 21.4 32.0



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





#77

Benzidine

Concen: 2.278 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.37 min

Lab File: BG038212.D

Acq: 28 Nov 2018 23:10

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-U-M

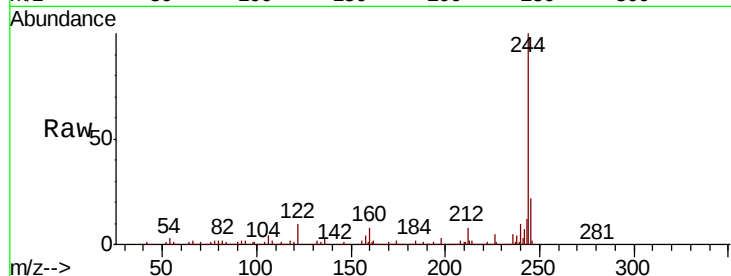
Tgt Ion:184 Resp: 17423

Ion Ratio Lower Upper

184 100

185 16.5 12.6 18.8

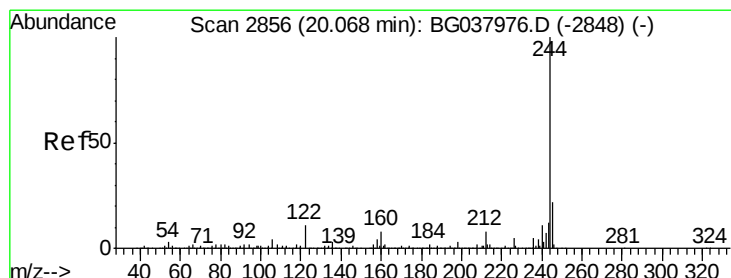
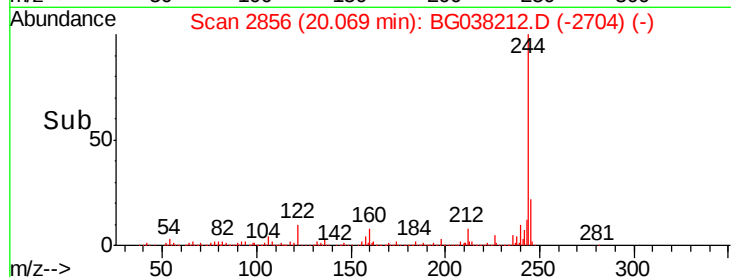
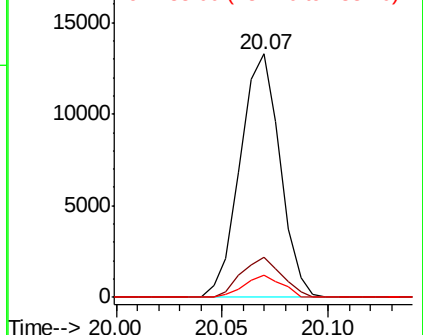
183 9.3 10.2 15.2#



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



#79

Terphenyl-d14

Concen: 102.475 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038212.D

Acq: 28 Nov 2018 23:10

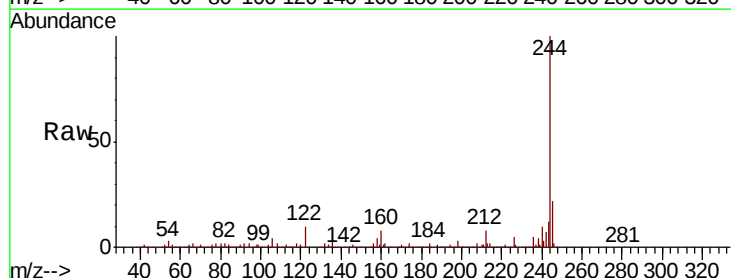
Tgt Ion:244 Resp: 949386

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

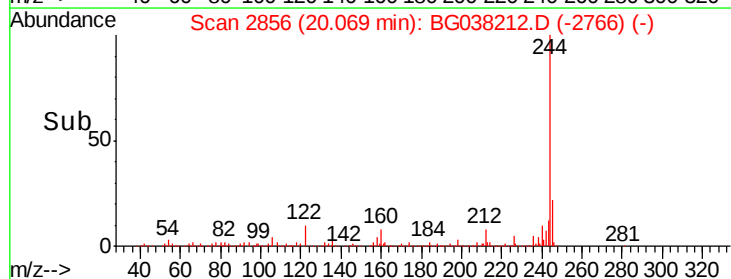
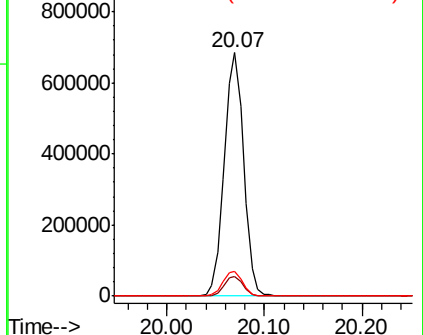
122 10.2 9.0 13.4

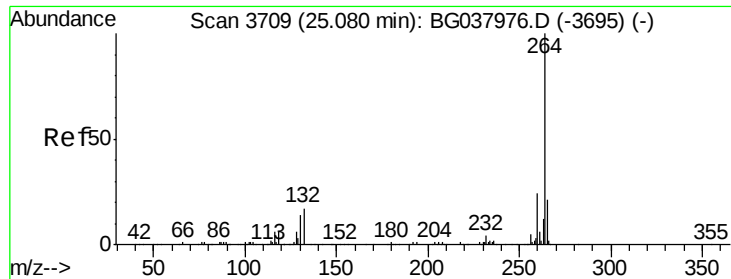


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.07 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG038212.D
Acq: 28 Nov 2018 23:10

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-U-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.4
265	20.6	17.9	26.9

