

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038088.D
 Acq On : 20 Nov 2018 16:50
 Operator : JU/SJ
 Sample : J5993-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 20 17:56:19 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

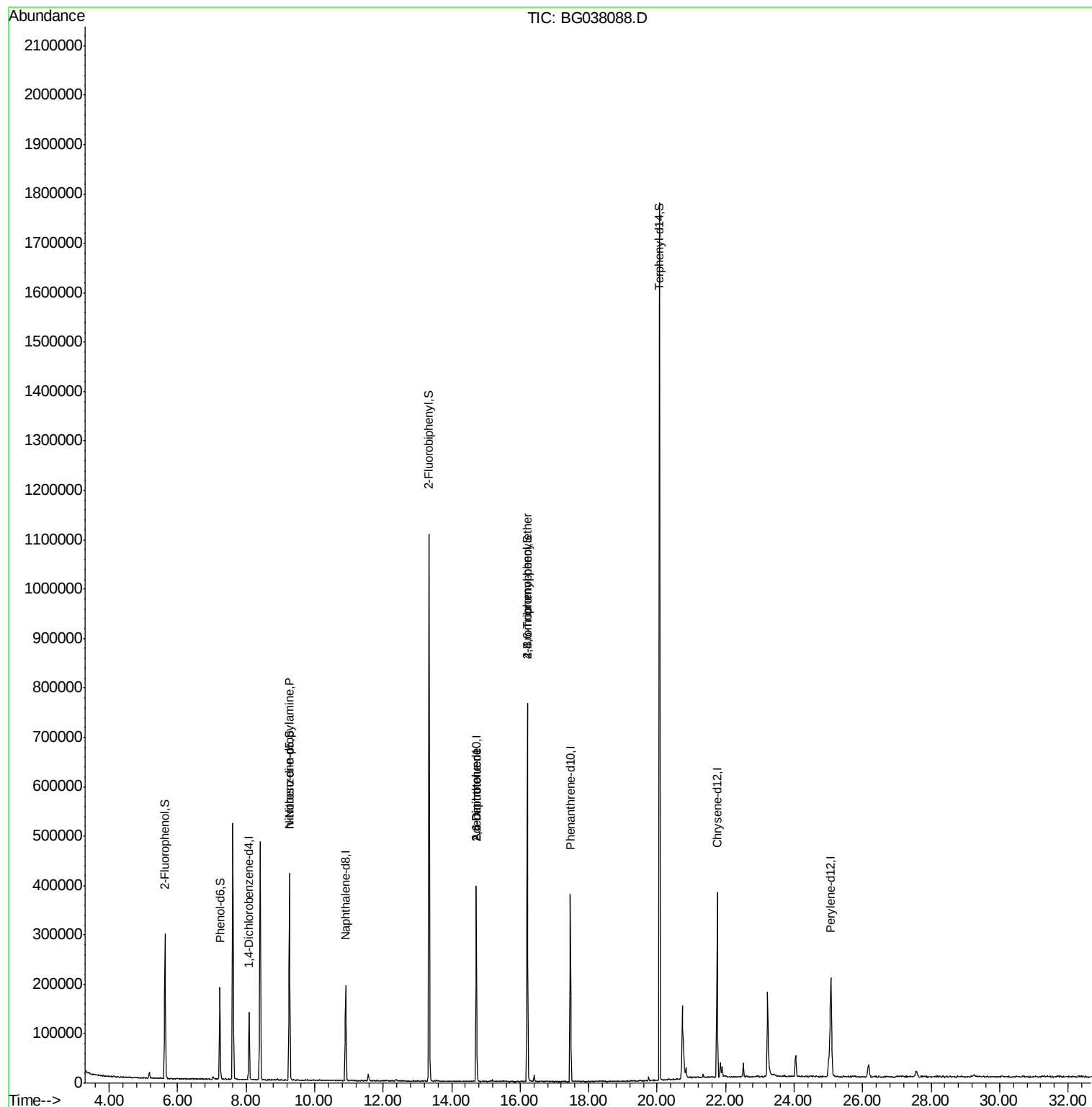
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	38818	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	172551	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	109222	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	243434	20.00	ng	0.00
76) Chrysene-d12	21.75	240	231223	20.00	ng	0.00
87) Perylene-d12	25.07	264	235545	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	133399	59.33	ng	0.00
7) Phenol-d6	7.23	99	116129	36.19	ng	0.00
23) Nitrobenzene-d5	9.26	82	267931	83.12	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	137953	110.75	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	613794	81.87	ng	0.00
79) Terphenyl-d14	20.07	244	883207	89.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	33694	14.510	ng	# 71
51) 2,6-Dinitrotoluene	14.72	165	13645	6.963	ng	# 28
57) 2,4-Dinitrotoluene	14.72	165	13645	5.117	ng	# 27
67) 4-Bromophenyl-phenylether	16.21	248	9950	3.724	ng	# 1

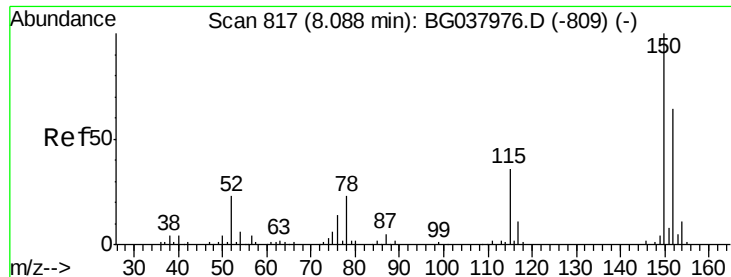
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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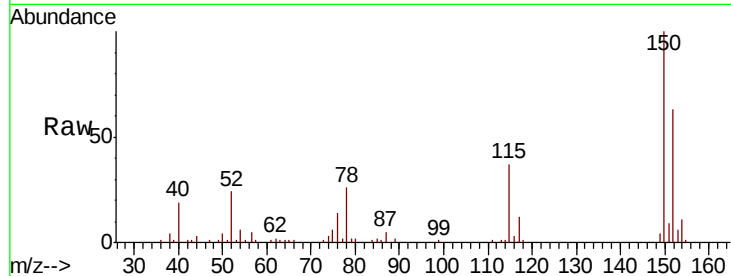


#1

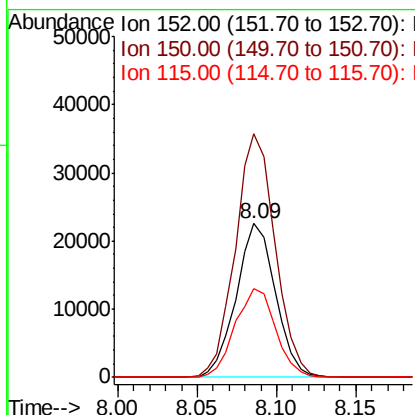
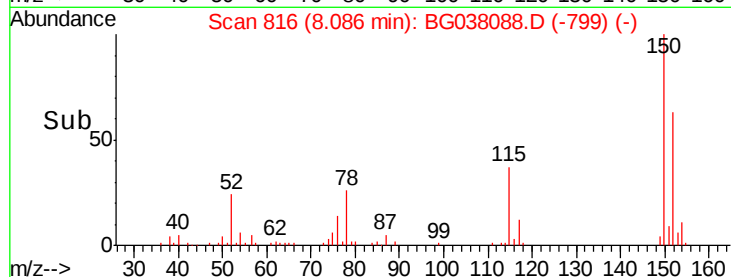
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038088.D
Acq: 20 Nov 2018 16:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 38818
Ion Ratio Lower Upper
152 100
150 158.6 126.0 189.0
115 58.0 45.5 68.3



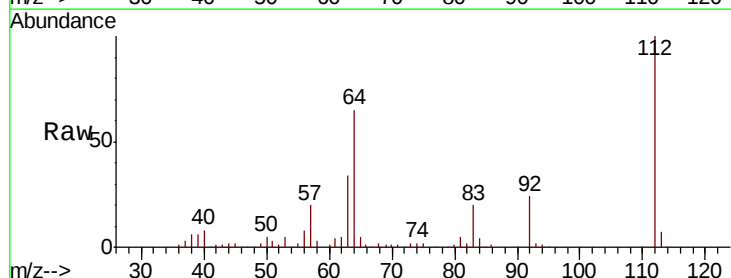
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



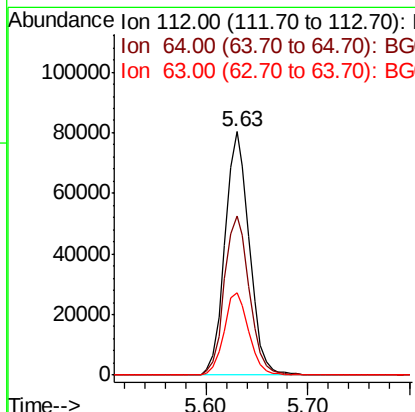
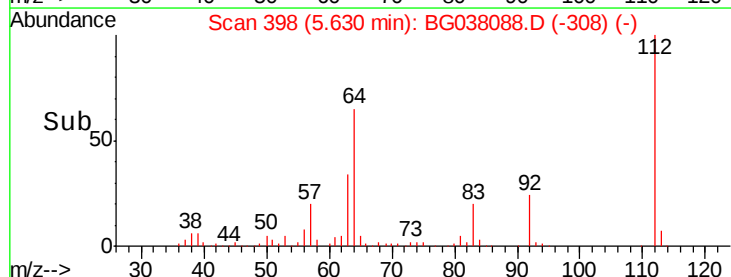
#5

2-Fluorophenol
Concen: 59.334 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038088.D
Acq: 20 Nov 2018 16:50

Tgt Ion:112 Resp: 133399
Ion Ratio Lower Upper
112 100
64 65.2 53.1 79.7
63 33.6 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: 36.185 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038088.D

Acq: 20 Nov 2018 16:50

Instrument :

BNA_G

ClientSampleId :

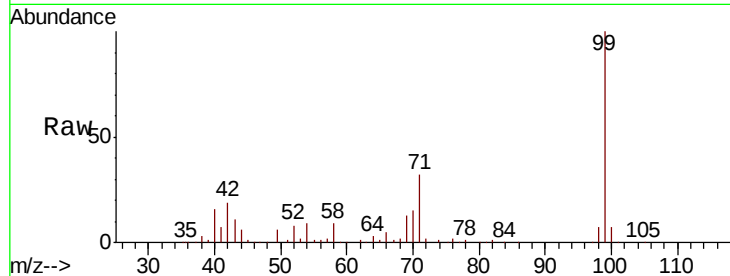
Tot Ion: 99 Resp: 116129

Ion Ratio Lower Upper

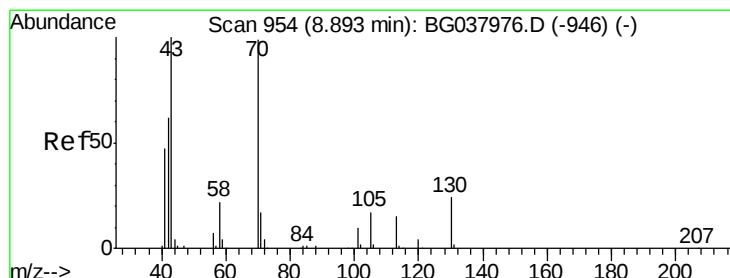
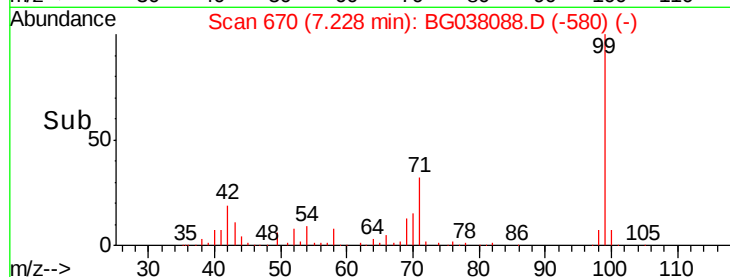
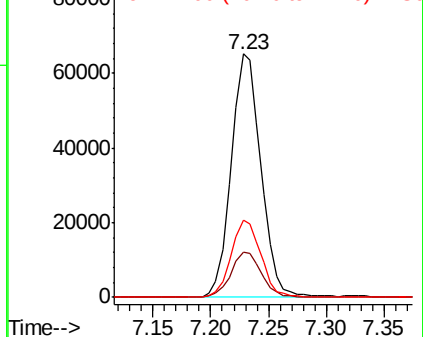
99 100

42 18.7 15.0 22.4

71 32.0 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: 14.510 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.37 min

Lab File: BG038088.D

Acq: 20 Nov 2018 16:50

Tgt Ion: 70 Resp: 33694

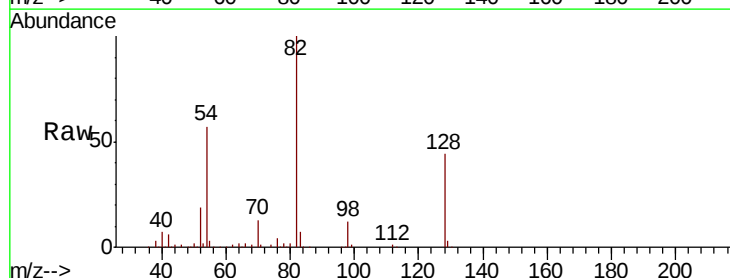
Ion Ratio Lower Upper

70 100

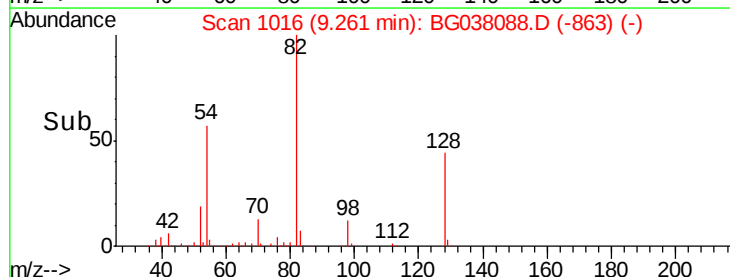
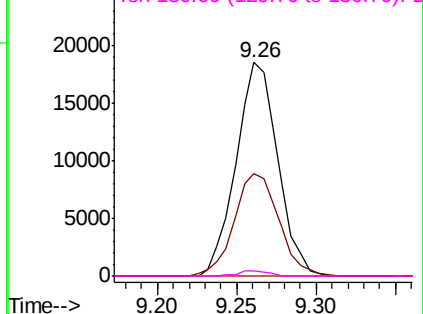
42 47.7 53.9 80.9#

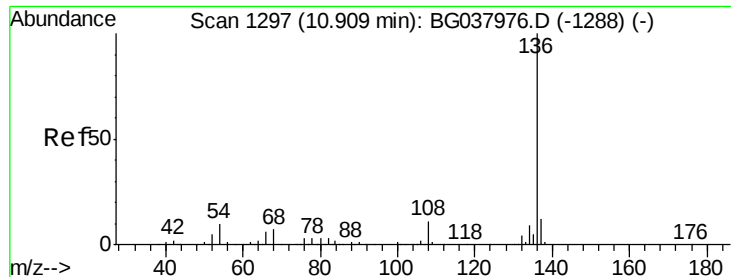
101 0.0 8.2 12.2#

130 2.4 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: 10.91 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038088.D

Acq: 20 Nov 2018 16:50

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 172551

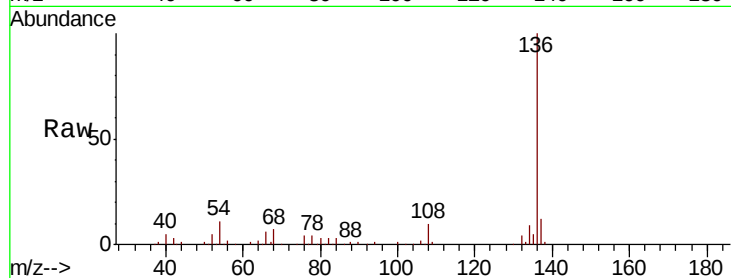
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 10.9 7.9 11.9

68 6.6 4.8 7.2

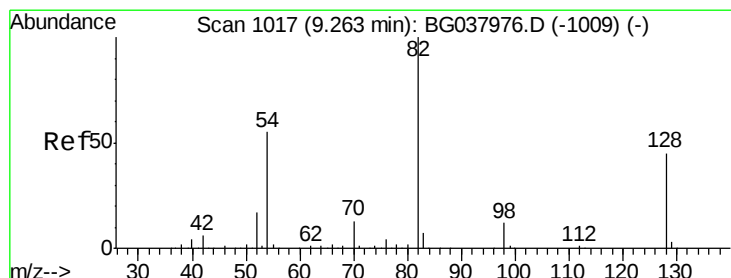
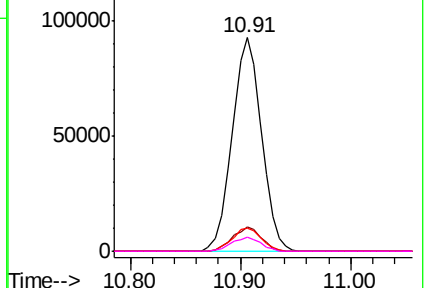
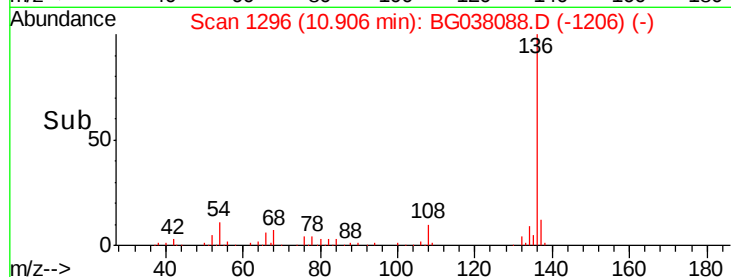


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.120 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG038088.D

Acq: 20 Nov 2018 16:50

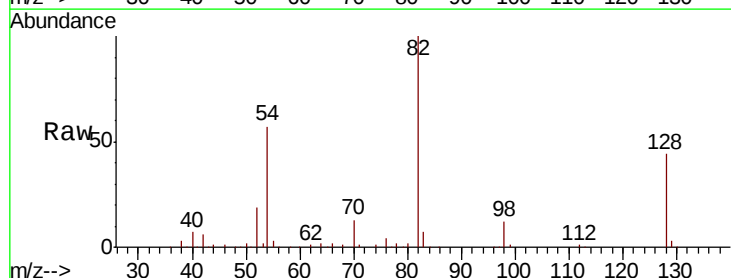
Tgt Ion: 82 Resp: 267931

Ion Ratio Lower Upper

82 100

128 44.1 34.6 51.8

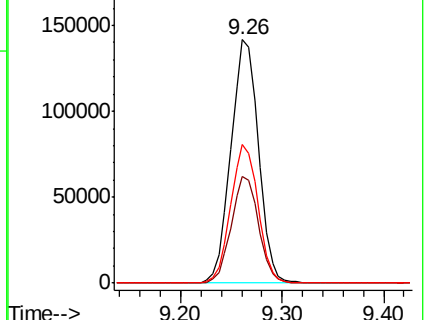
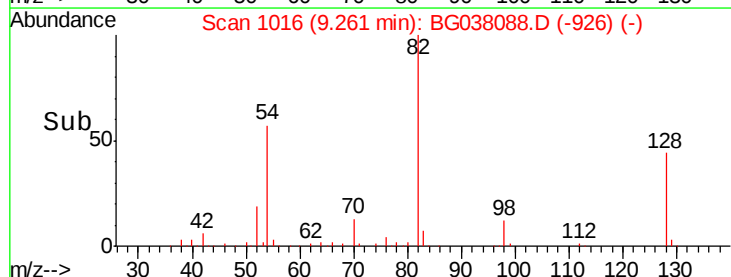
54 56.9 45.3 67.9

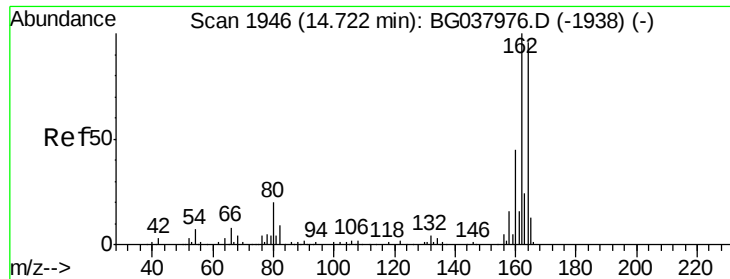


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

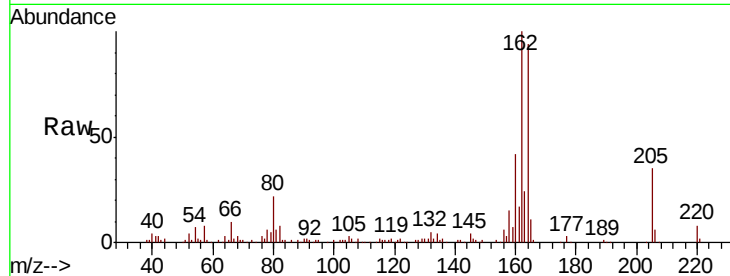




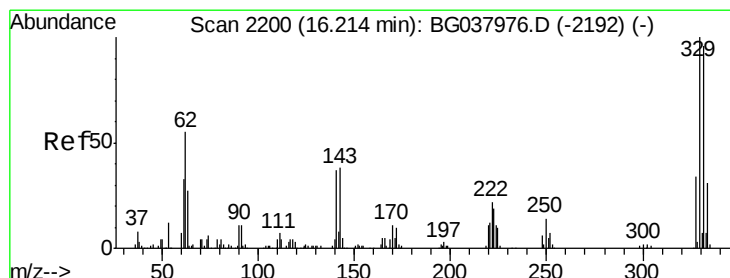
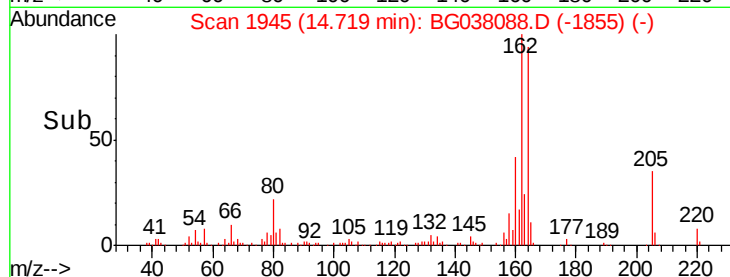
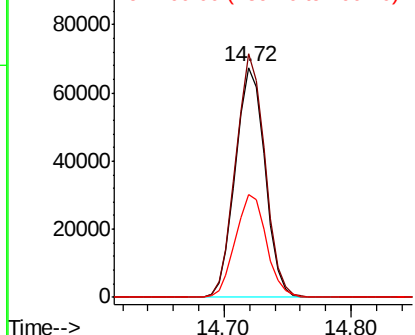
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038088.D
Acq: 20 Nov 2018 16:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:164 Resp: 109222
Ion Ratio Lower Upper
164 100
162 105.9 81.3 121.9
160 44.6 36.3 54.5

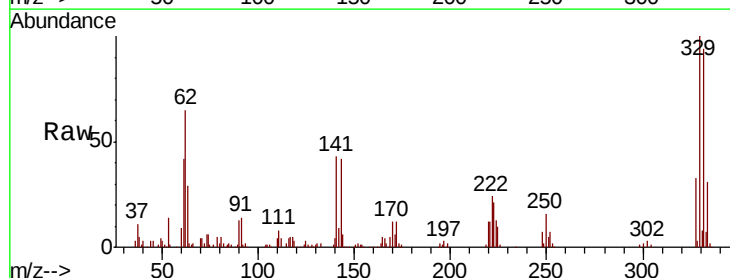


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

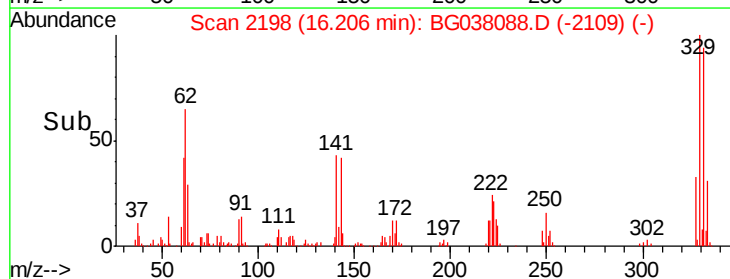
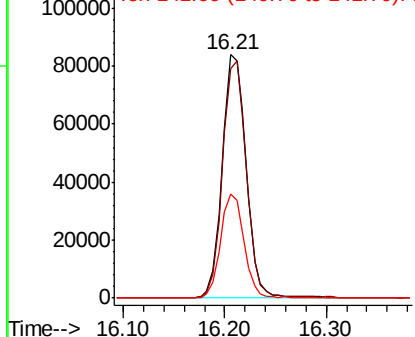


#42
2,4,6-Tribromophenol
Concen: 110.748 ng
RT: 16.21 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG038088.D
Acq: 20 Nov 2018 16:50

Tgt Ion:330 Resp: 137953
Ion Ratio Lower Upper
330 100
332 97.0 78.4 117.6
141 42.1 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

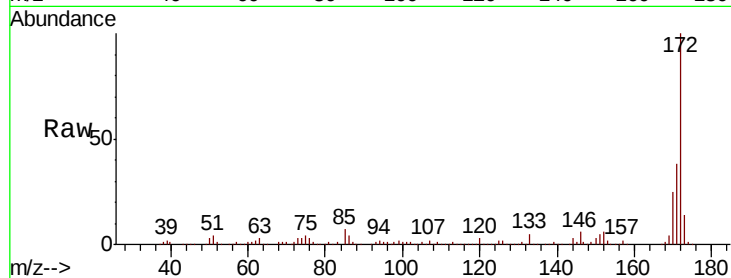




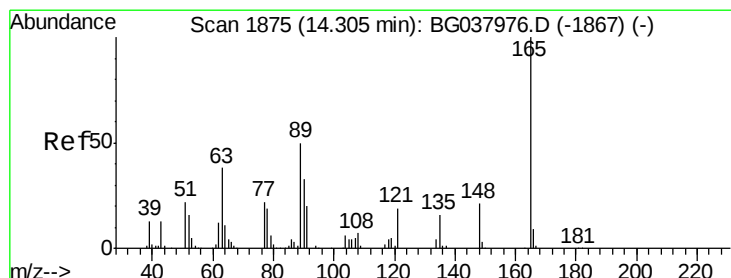
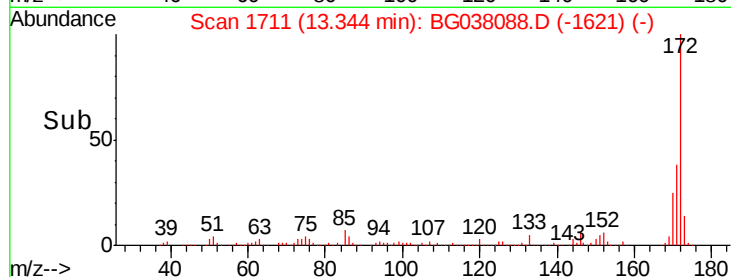
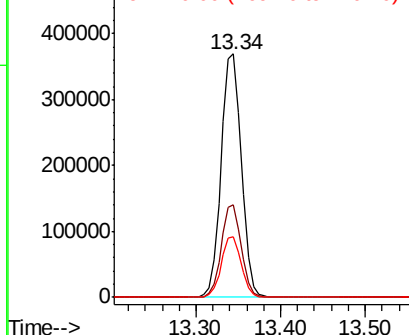
#45
 2-Fluorobiphenyl
 Concen: 81.871 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038088.D
 Acq: 20 Nov 2018 16:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 613794
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.0 46.4
 170 24.8 20.2 30.2

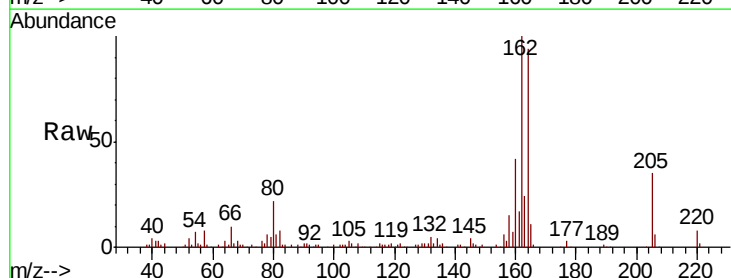


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

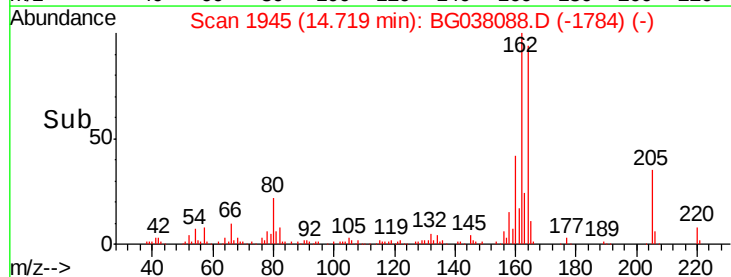
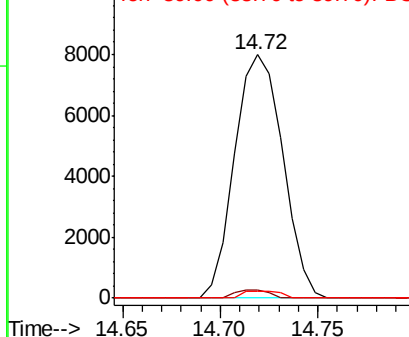


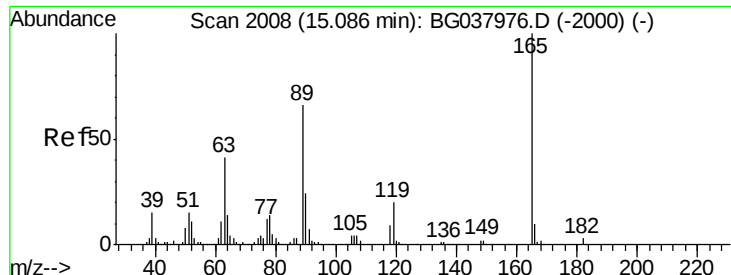
#51
 2,6-Dinitrotoluene
 Concen: 6.963 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038088.D
 Acq: 20 Nov 2018 16:50

Tgt Ion:165 Resp: 13645
 Ion Ratio Lower Upper
 165 100
 63 3.6 43.4 65.2#
 89 2.9 45.8 68.6#



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

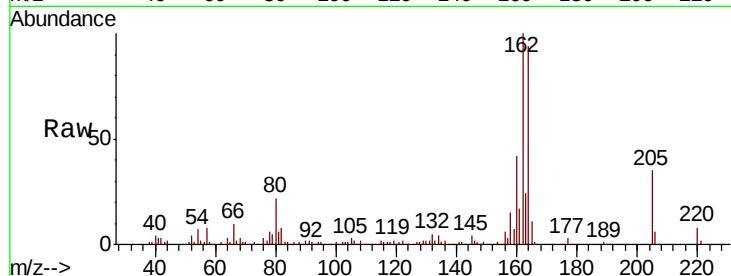




#57
 2,4-Dinitrotoluene
 Concen: 5.117 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038088.D
 Acq: 20 Nov 2018 16:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	3.6	33.4	50.0#
89	2.9	57.2	85.8#
182	0.0	2.6	4.0#



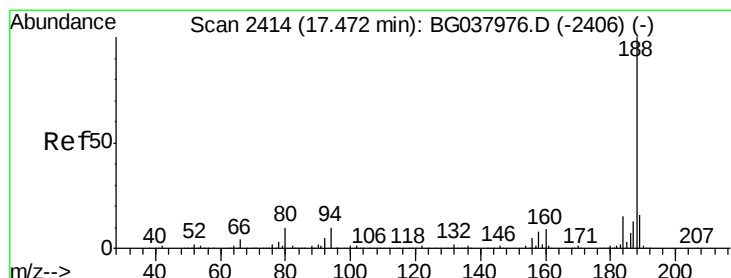
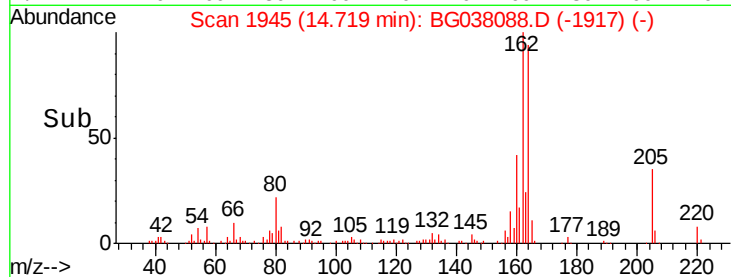
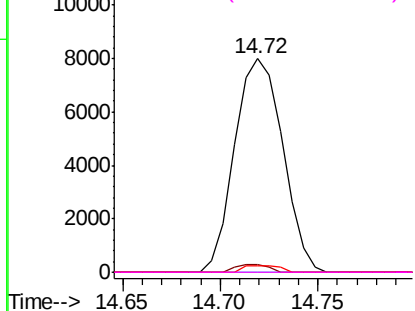
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

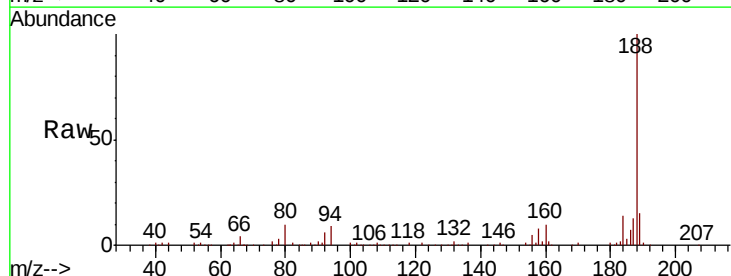
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG038088.D
 Acq: 20 Nov 2018 16:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	9.7	7.7	11.5

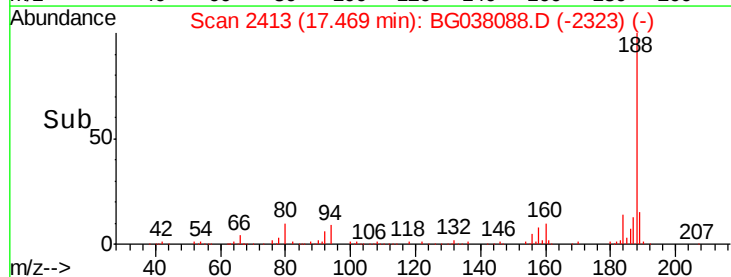
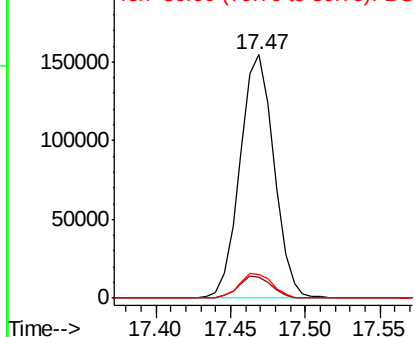


Abundance

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

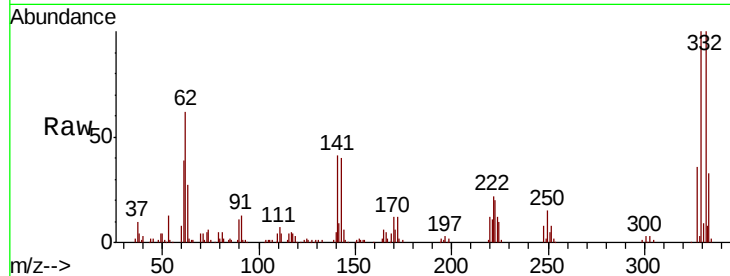




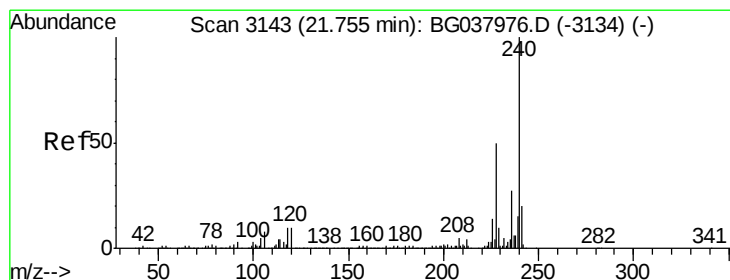
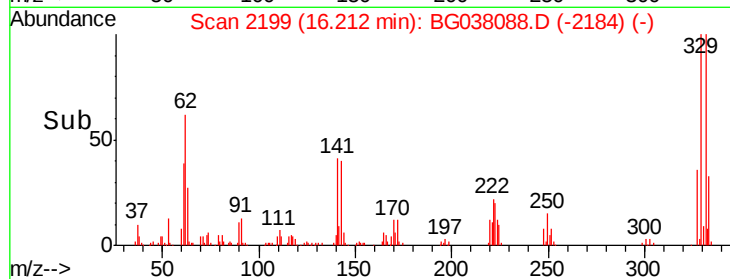
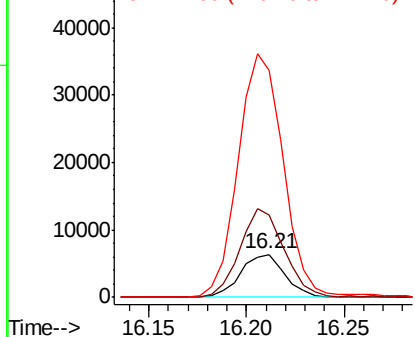
#67
 4-Bromophenyl-phenylether
 Concen: 3.724 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.44 min
 Lab File: BG038088.D
 Acq: 20 Nov 2018 16:50

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 9950
 Ion Ratio Lower Upper
 248 100
 250 194.8 77.0 115.6#
 141 408.2 55.5 83.3#

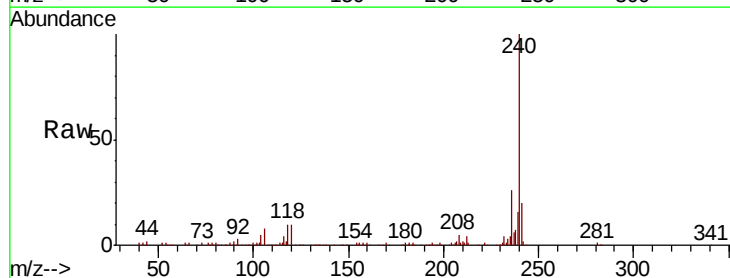


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

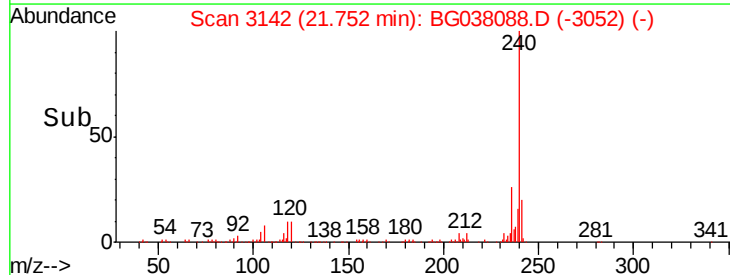
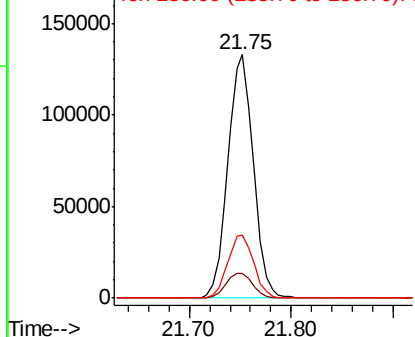


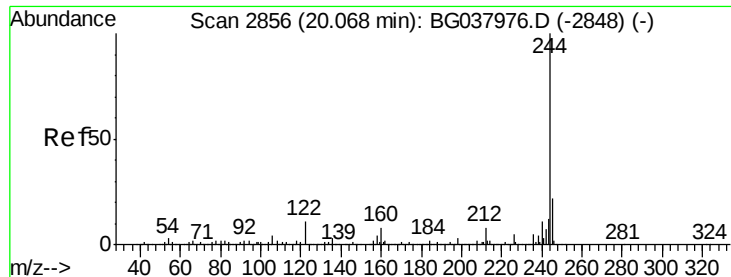
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG038088.D
 Acq: 20 Nov 2018 16:50

Tgt Ion:240 Resp: 231223
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.1 12.1
 236 26.0 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





#79

Terphenyl-d14

Concen: 89.878 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038088.D

Acq: 20 Nov 2018 16:50

Instrument :

BNA_G

ClientSampleId :

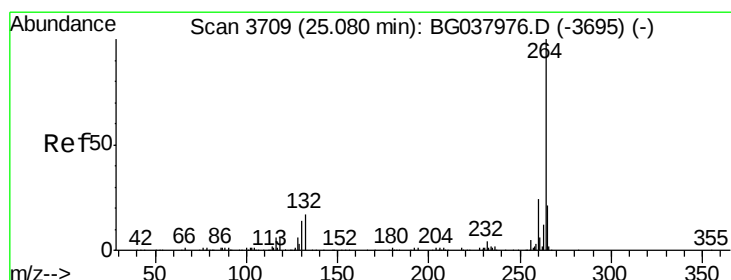
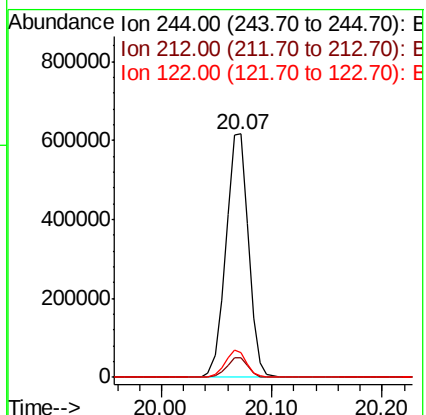
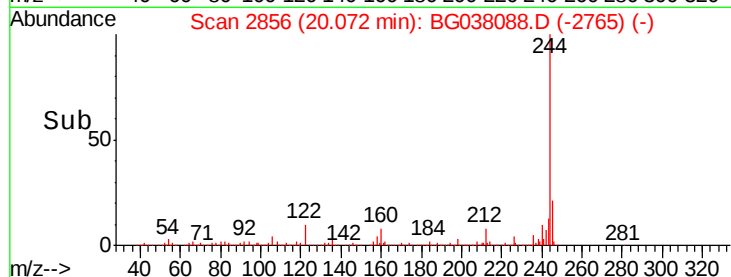
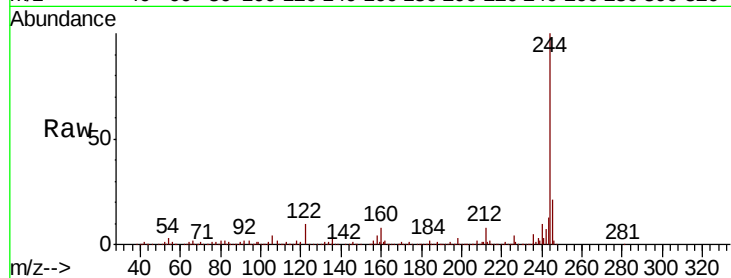
Tot Ion:244 Resp: 883207

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 10.2 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038088.D

Acq: 20 Nov 2018 16:50

Tgt Ion:264 Resp: 235545

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

265 21.3 17.9 26.9

