

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111918\
 Data File : BG038079.D
 Acq On : 20 Nov 2018 2:33
 Operator : JU/SJ
 Sample : PB114916BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 20 06:00:09 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

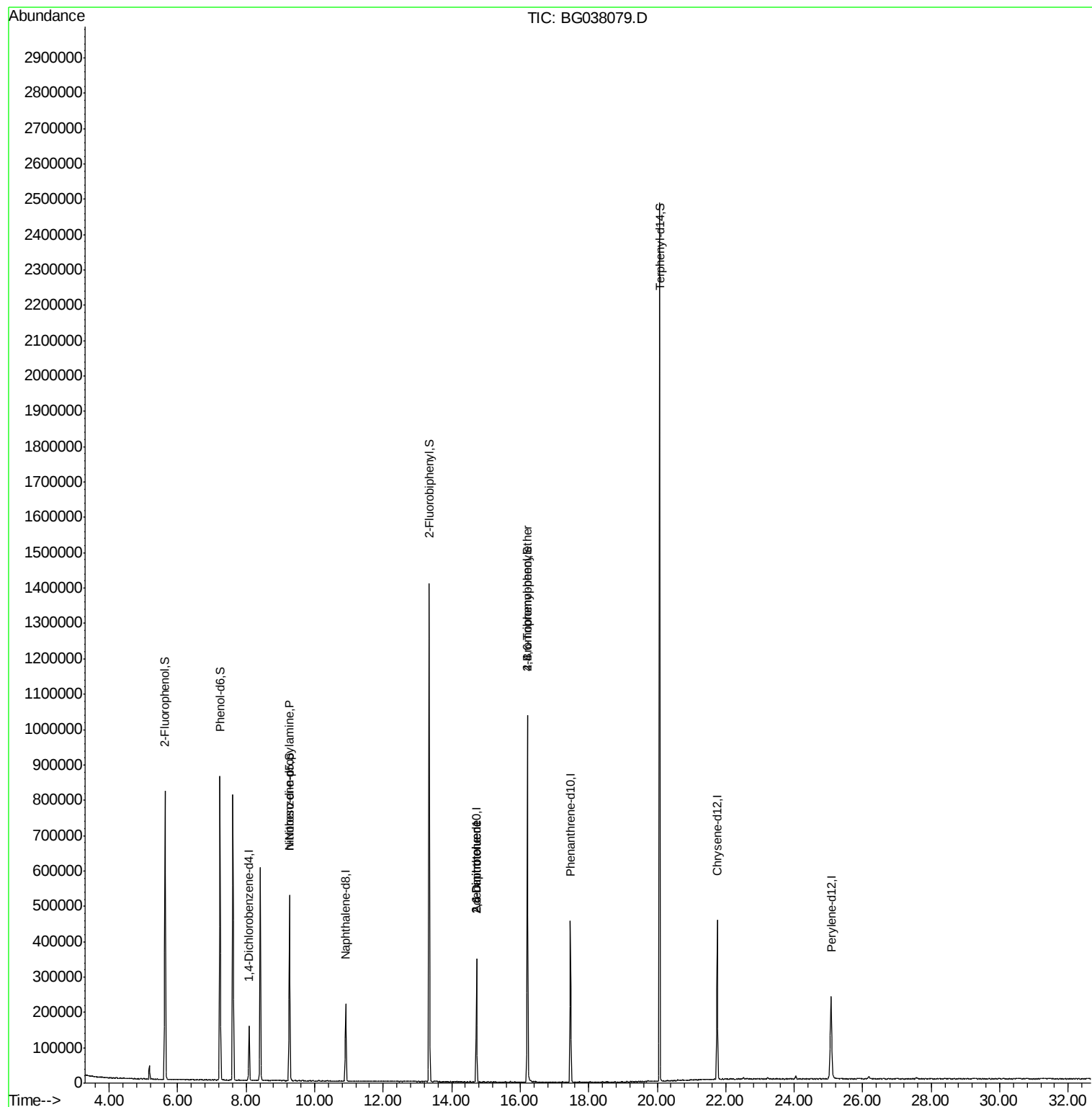
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	44856	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	190411	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	123099	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	286989	20.00	ng	0.00
76) Chrysene-d12	21.75	240	276405	20.00	ng	0.00
87) Perylene-d12	25.08	264	275526	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	375666	144.60	ng	0.00
7) Phenol-d6	7.24	99	530168	142.96	ng	0.00
23) Nitrobenzene-d5	9.27	82	326392	91.76	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	181519	129.29	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	760016	89.95	ng	0.00
79) Terphenyl-d14	20.07	244	1150850	97.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	41678	15.532	ng	# 72
51) 2,6-Dinitrotoluene	14.72	165	15792	7.150	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	15792	5.255	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	13312	4.226	ng	# 1

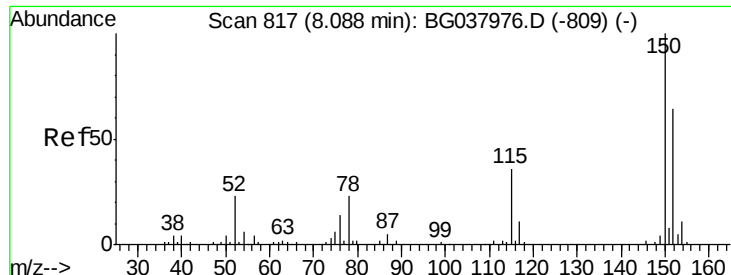
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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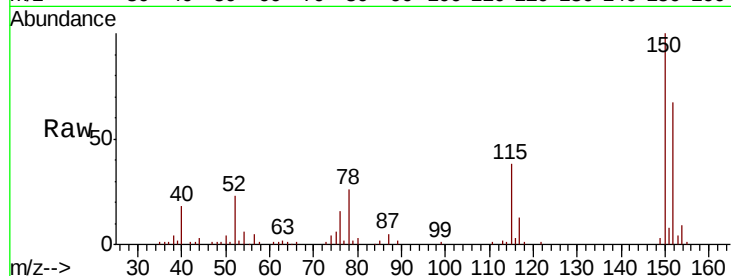


#1

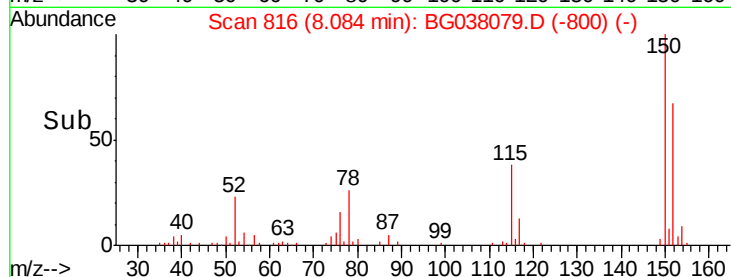
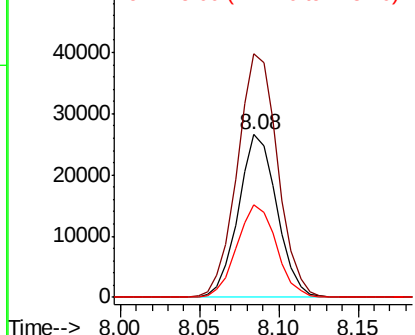
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038079.D
Acq: 20 Nov 2018 2:33

Instrument :
BNA_G
ClientSampled :

Tgt Ion:152 Resp: 44856
Ion Ratio Lower Upper
152 100
150 149.8 126.0 189.0
115 57.3 45.5 68.3



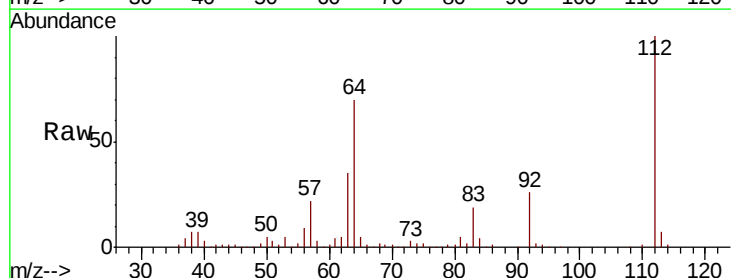
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



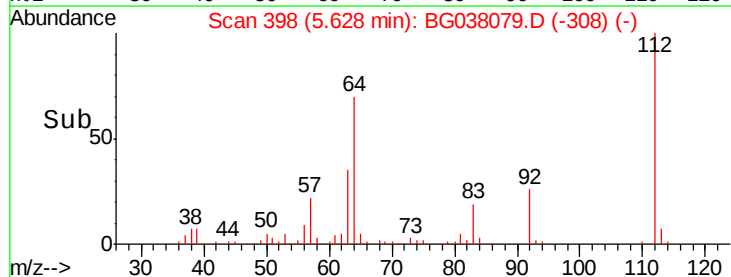
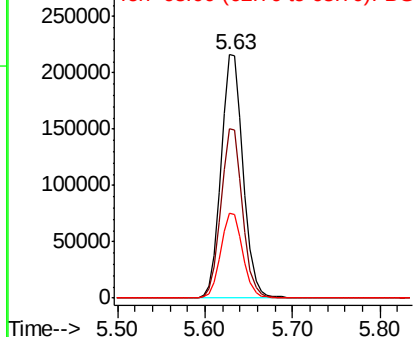
#5

2-Fluorophenol
Concen: 144.599 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038079.D
Acq: 20 Nov 2018 2:33

Tgt Ion:112 Resp: 375666
Ion Ratio Lower Upper
112 100
64 69.6 53.1 79.7
63 35.0 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: 142.961 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038079.D

Acq: 20 Nov 2018 2:33

Instrument :

BNA_G

ClientSampleId :

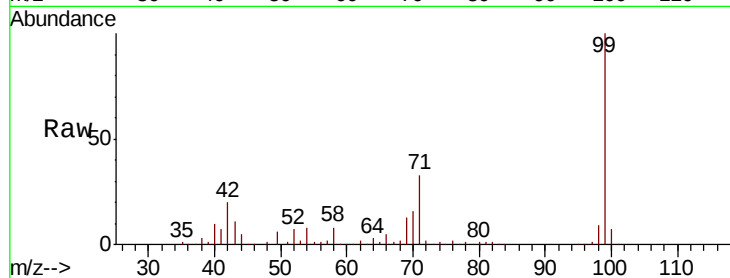
Tgt Ion: 99 Resp: 530168

Ion Ratio Lower Upper

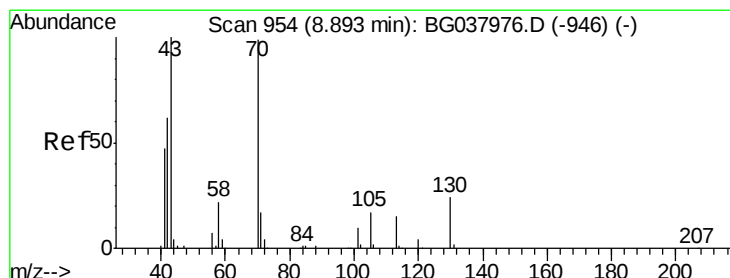
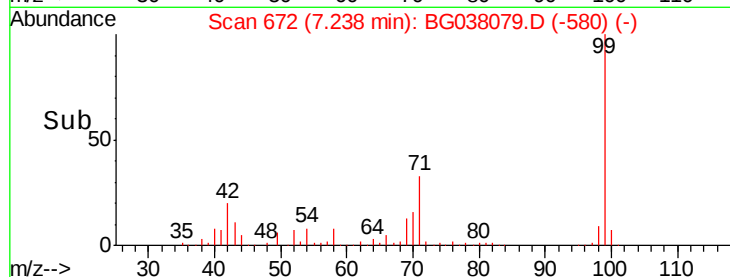
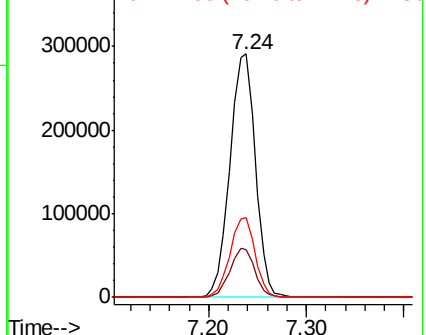
99 100

42 19.7 15.0 22.4

71 32.7 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: 15.532 ng

RT: 9.27 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038079.D

Acq: 20 Nov 2018 2:33

Tgt Ion: 70 Resp: 41678

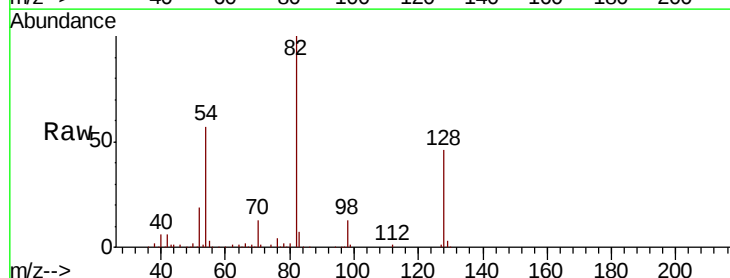
Ion Ratio Lower Upper

70 100

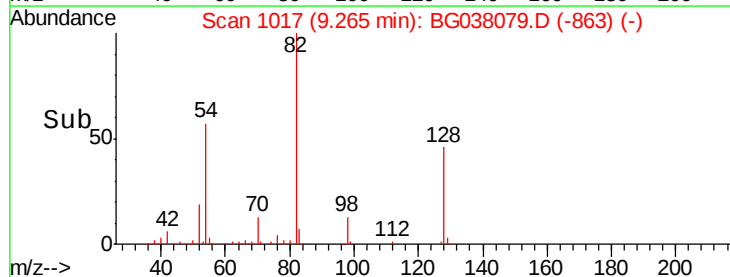
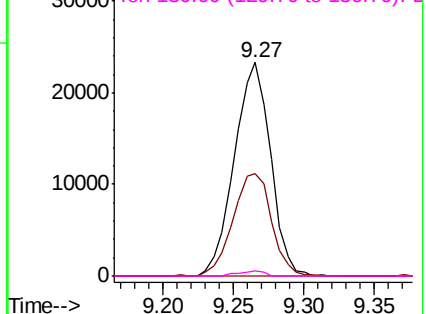
42 48.2 53.9 80.9#

101 0.0 8.2 12.2#

130 2.6 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

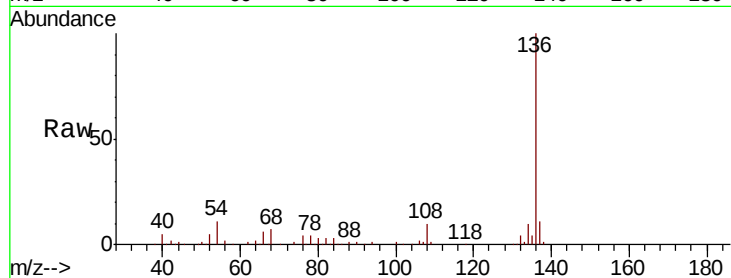




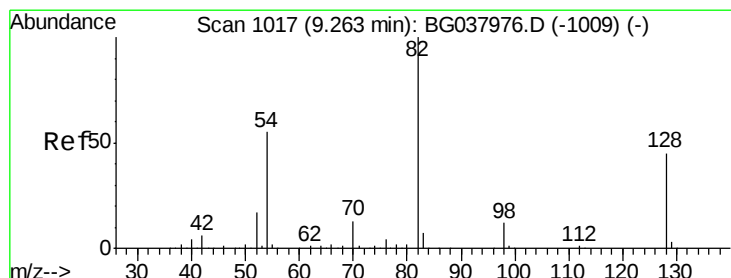
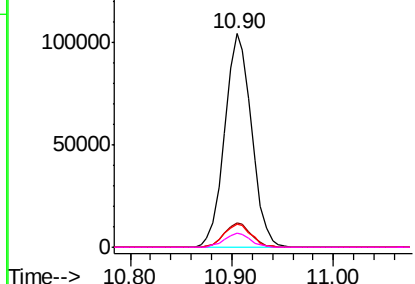
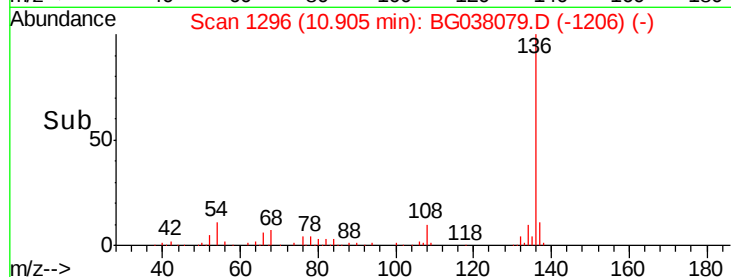
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038079.D
Acq: 20 Nov 2018 2:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:	136	Resp:	190411
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	11.1	7.9	11.9
68	6.7	4.8	7.2

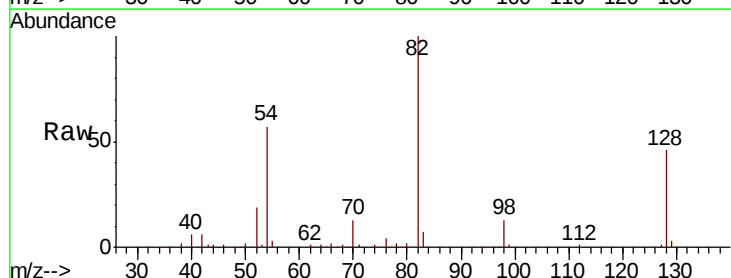


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

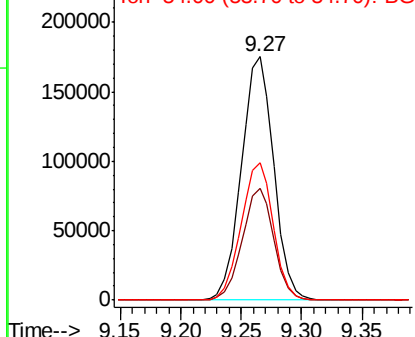
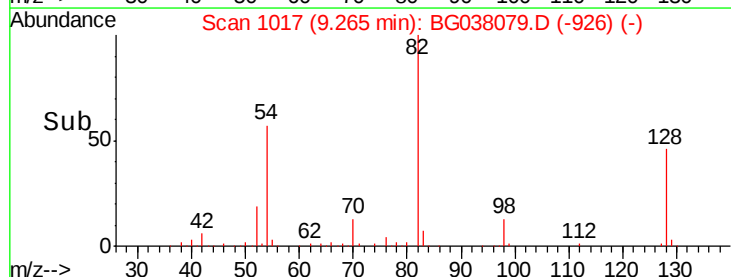


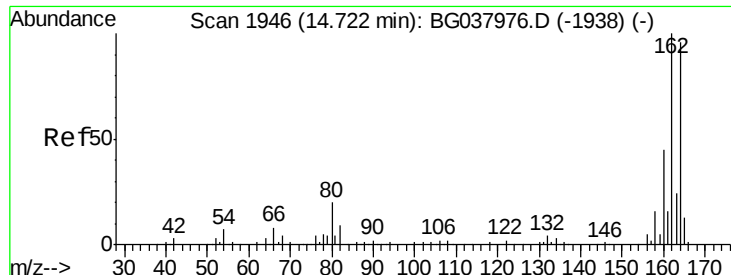
#23
Nitrobenzene-d5
Concen: 91.759 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038079.D
Acq: 20 Nov 2018 2:33

Tgt Ion:	82	Resp:	326392
Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.6	51.8
54	56.6	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# 1946

Delta R.T. 0.00 min

Lab File: BG038079.D

Acq: 20 Nov 2018 2:33

Instrument :

BNA_G

ClientSampleId :

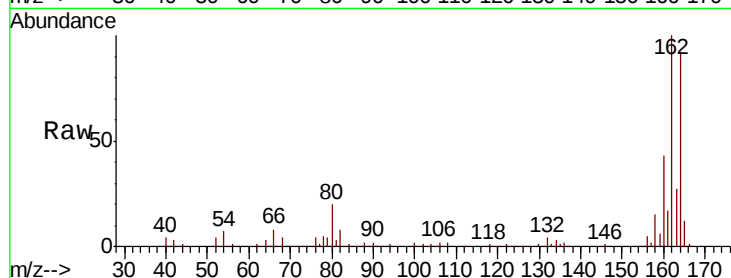
Tgt Ion:164 Resp: 123099

Ion Ratio Lower Upper

164 100

162 108.3 81.3 121.9

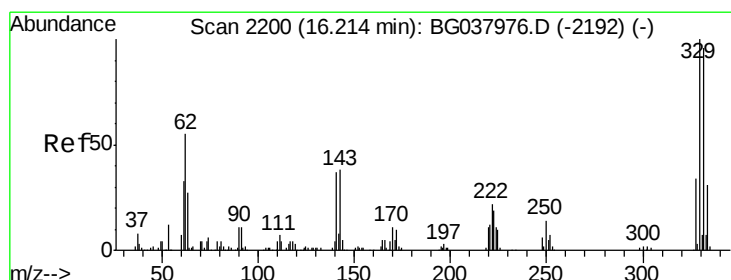
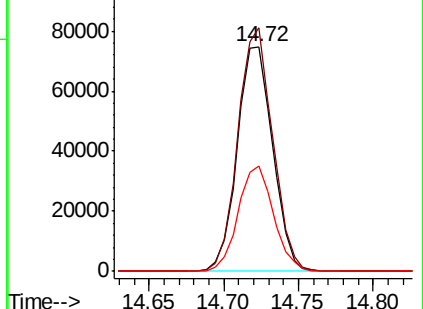
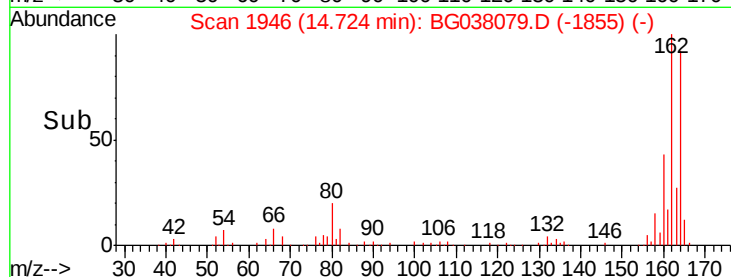
160 46.6 36.3 54.5



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: 129.295 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038079.D

Acq: 20 Nov 2018 2:33

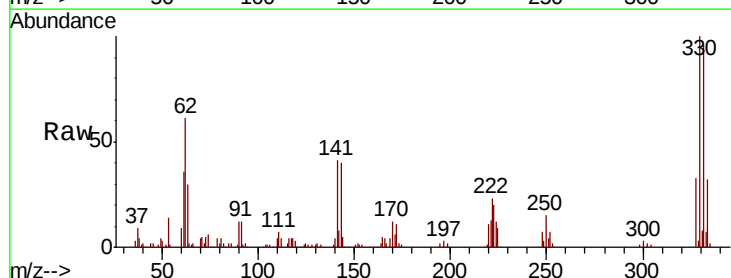
Tgt Ion:330 Resp: 181519

Ion Ratio Lower Upper

330 100

332 96.8 78.4 117.6

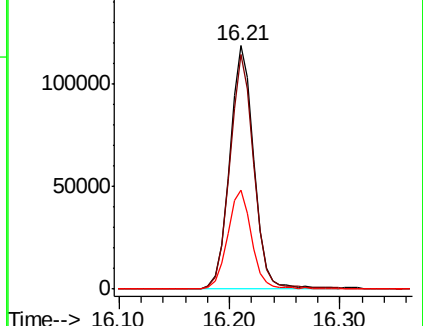
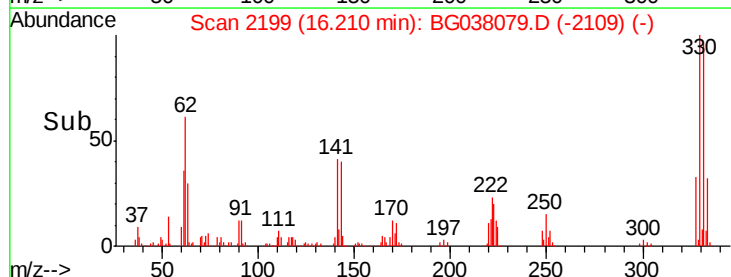
141 41.0 32.2 48.2



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

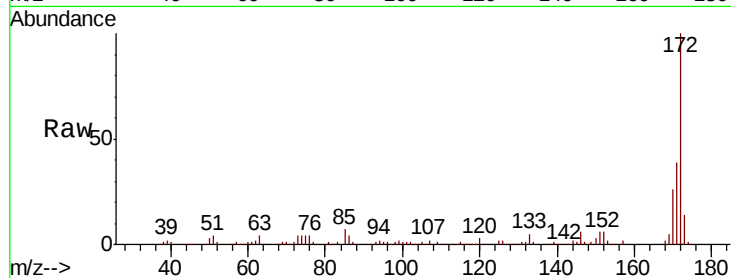




#45
 2-Fluorobiphenyl
 Concen: 89.946 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038079.D
 Acq: 20 Nov 2018 2:33

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	25.6	20.2	30.2

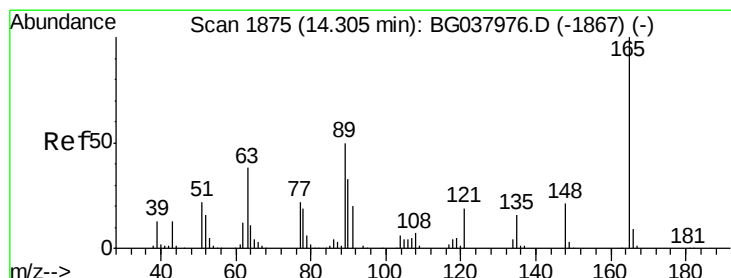
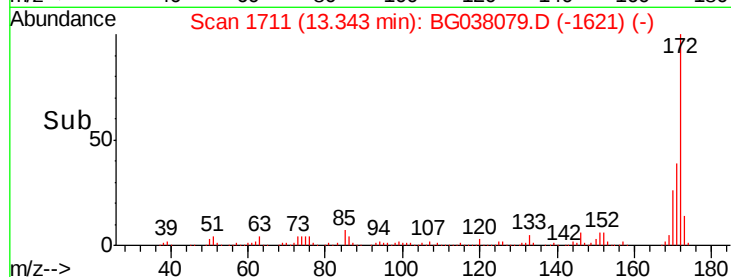
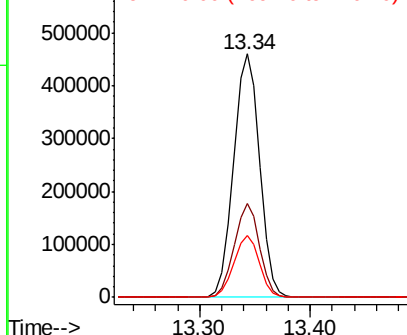


Abundance

Ion 172.00 (171.70 to 172.70): E

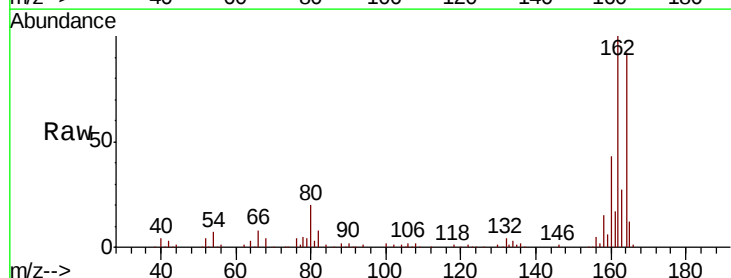
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#51
 2,6-Dinitrotoluene
 Concen: 7.150 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038079.D
 Acq: 20 Nov 2018 2:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.5	45.8	68.6#

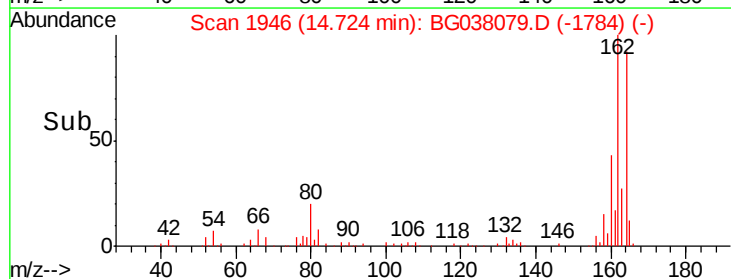
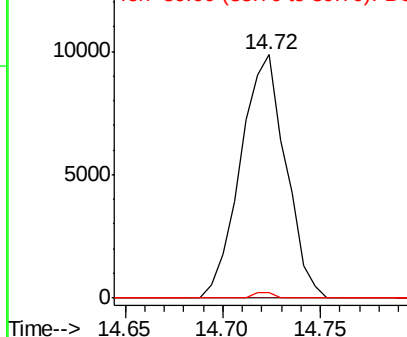


Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

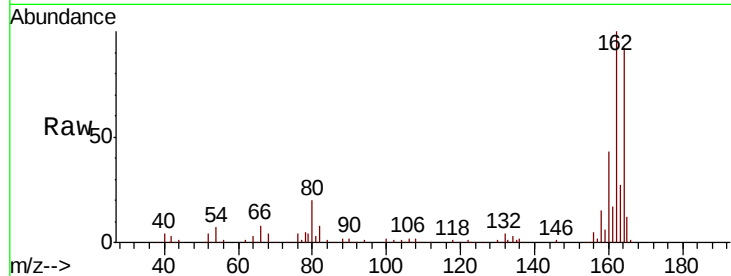




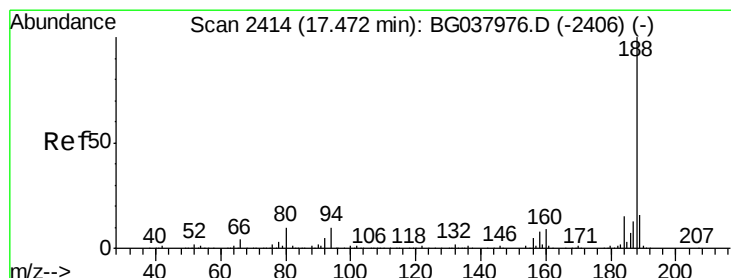
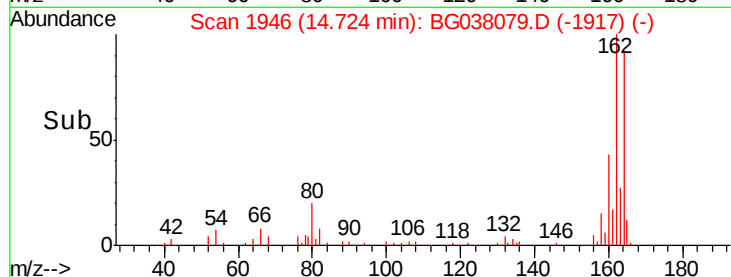
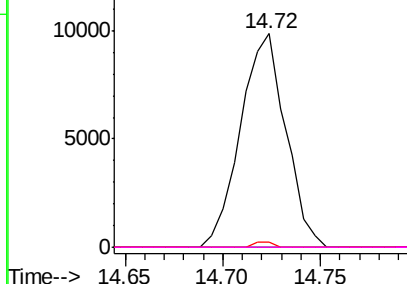
#57
 2,4-Dinitrotoluene
 Concen: 5.255 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038079.D
 Acq: 20 Nov 2018 2:33

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:	165	Resp:	15792
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.5	57.2	85.8#
182	0.0	2.6	4.0#

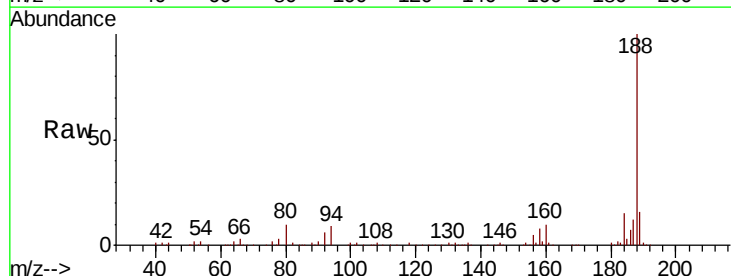


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

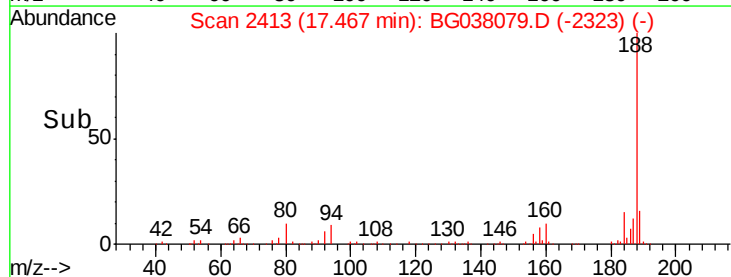
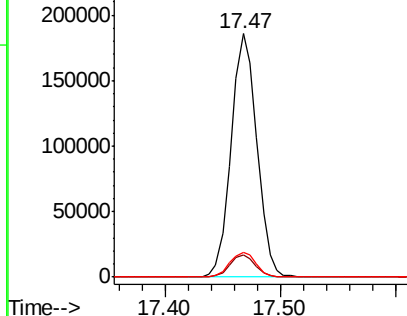


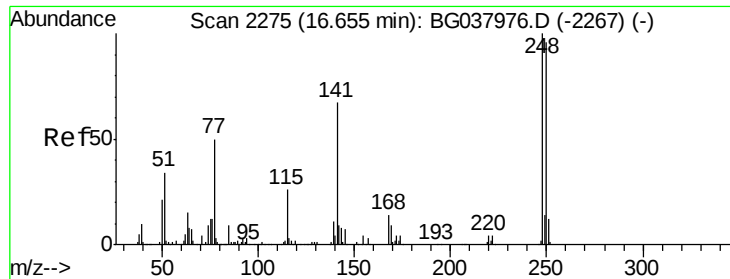
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG038079.D
 Acq: 20 Nov 2018 2:33

Tgt Ion:	188	Resp:	286989
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	10.0	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

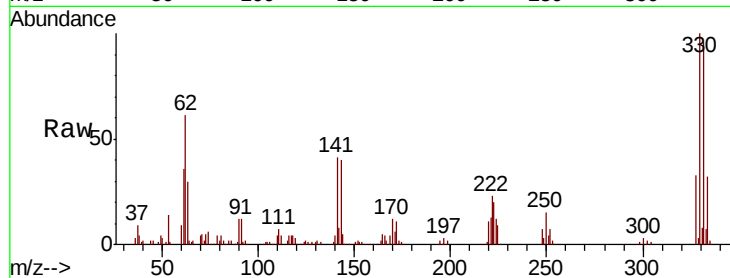




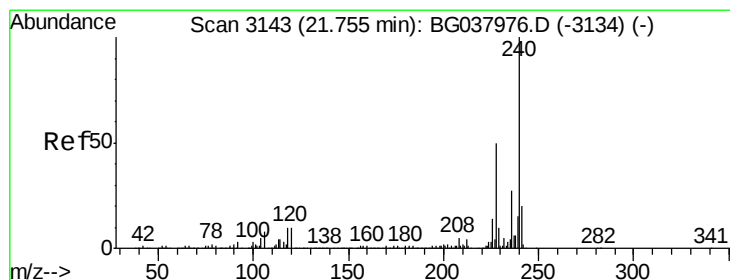
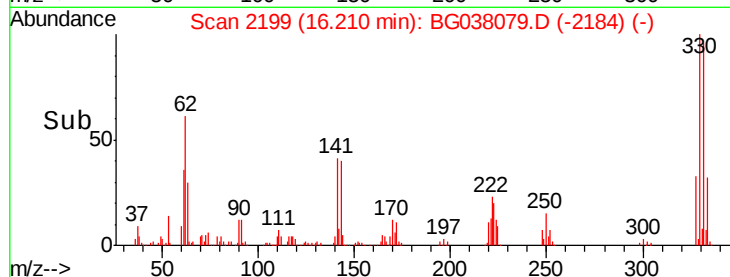
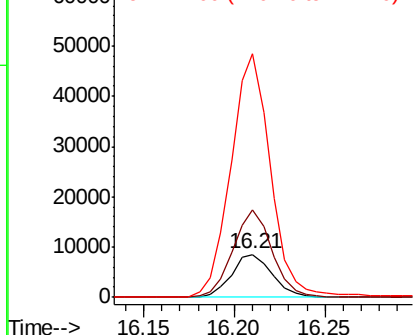
#67
4-Bromophenyl-phenylether
Concen: 4.226 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.44 min
Lab File: BG038079.D
Acq: 20 Nov 2018 2:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 13312
Ion Ratio Lower Upper
248 100
250 185.3 77.0 115.6#
141 410.1 55.5 83.3#

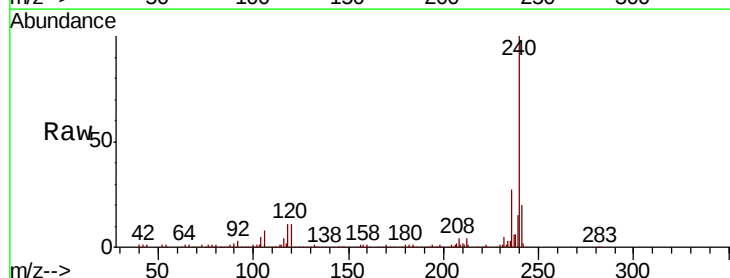


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

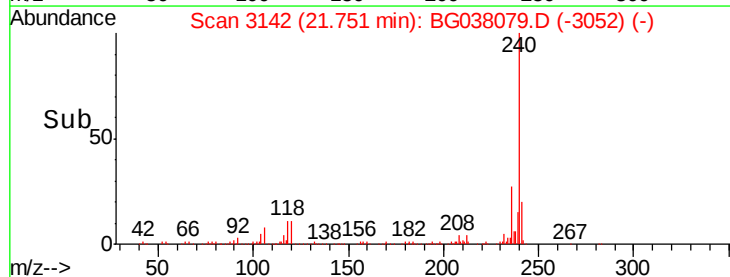
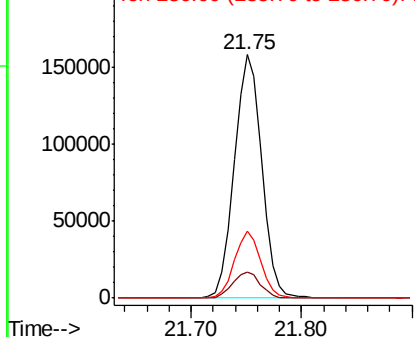


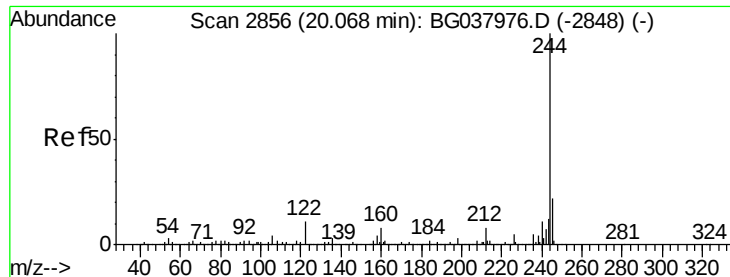
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038079.D
Acq: 20 Nov 2018 2:33

Tgt Ion:240 Resp: 276405
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 27.5 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: 97.971 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038079.D

Acq: 20 Nov 2018 2:33

Instrument :

BNA_G

ClientSampleId :

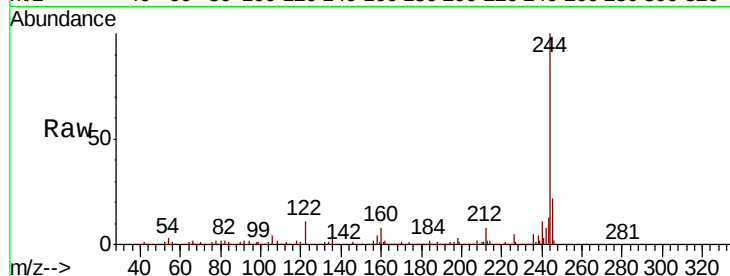
Tgt Ion:244 Resp: 1150850

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

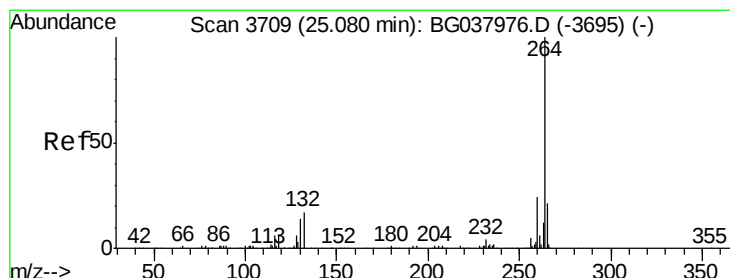
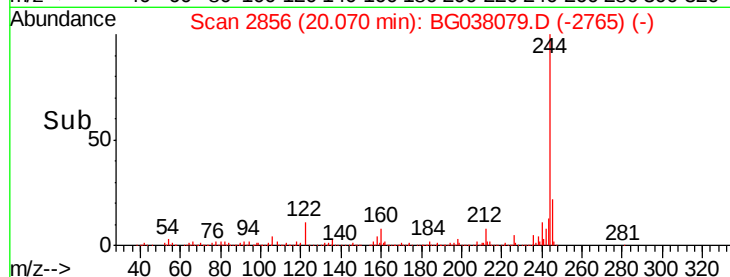
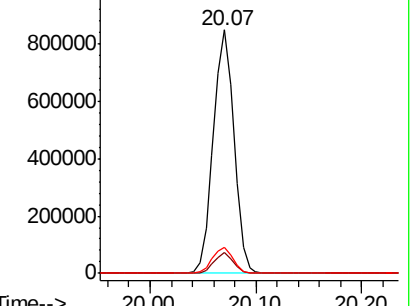
122 10.6 9.0 13.4



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: 25.08 min Scan# 3708

Delta R.T. -0.00 min

Lab File: BG038079.D

Acq: 20 Nov 2018 2:33

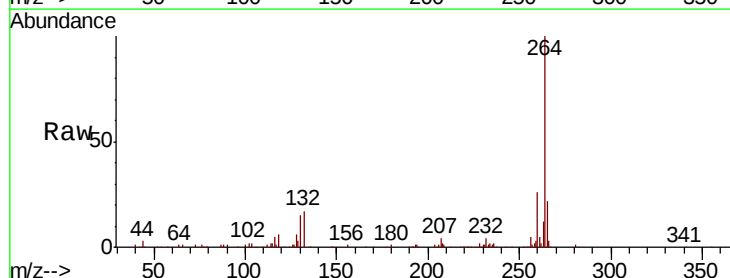
Tgt Ion:264 Resp: 275526

Ion Ratio Lower Upper

264 100

260 26.3 18.2 27.4

265 22.3 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

