

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111918\
 Data File : BG038080.D
 Acq On : 20 Nov 2018 3:12
 Operator : JU/SJ
 Sample : PB114916TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114916TB

Quant Time: Nov 20 06:00:17 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

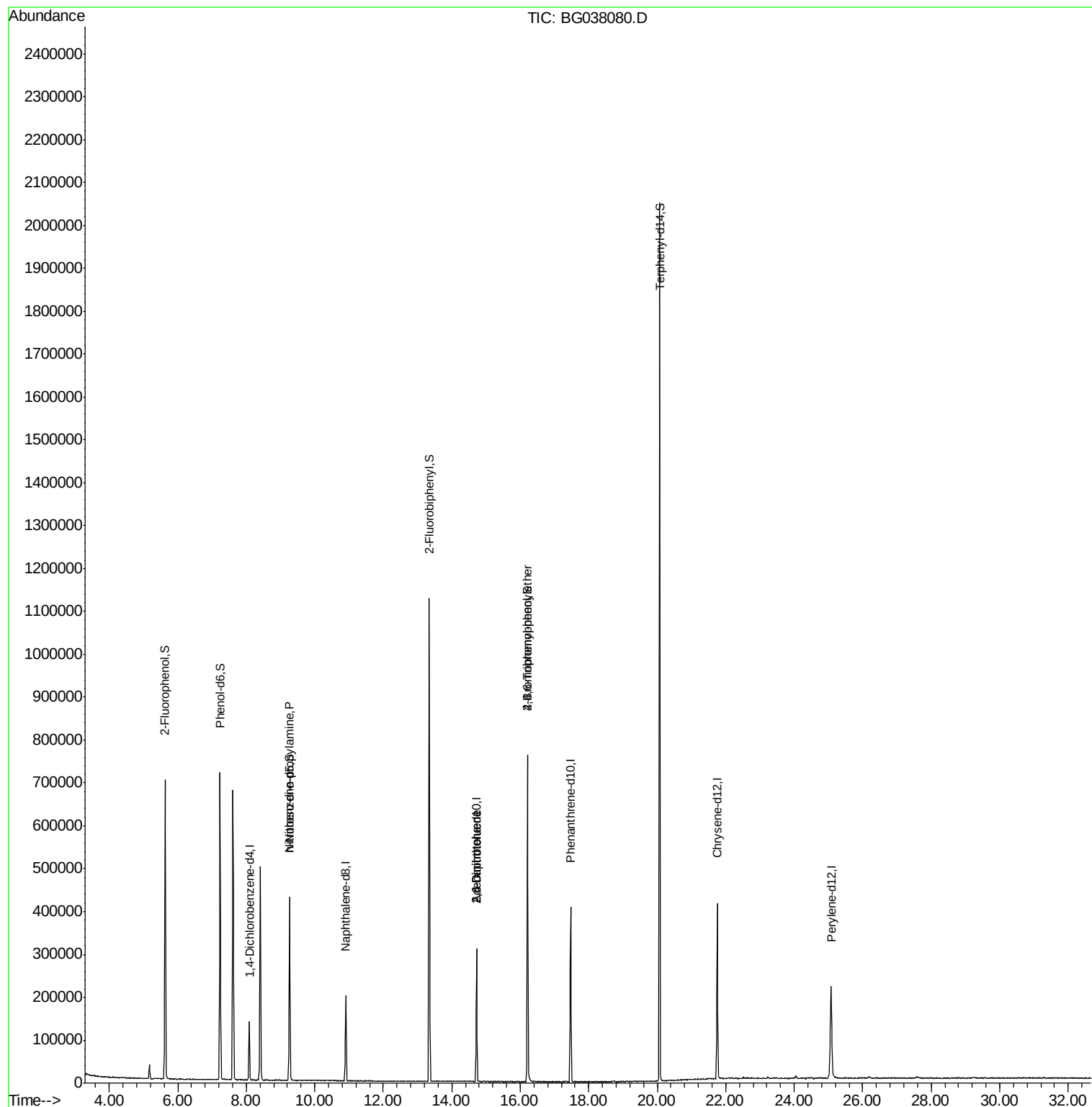
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	41563	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	180006	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	111504	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	263157	20.00	ng	0.00
76) Chrysene-d12	21.75	240	253496	20.00	ng	0.00
87) Perylene-d12	25.07	264	257210	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	310476	128.97	ng	0.00
7) Phenol-d6	7.24	99	434137	126.34	ng	0.00
23) Nitrobenzene-d5	9.26	82	268168	79.75	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	143171	112.58	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	622223	81.30	ng	0.00
79) Terphenyl-d14	20.07	244	950145	88.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	33879	13.626	ng	# 69
51) 2,6-Dinitrotoluene	14.72	165	14430	7.213	ng	# 26
57) 2,4-Dinitrotoluene	14.72	165	14430	5.301	ng	# 26
67) 4-Bromophenyl-phenylether	16.21	248	10353	3.584	ng	# 1

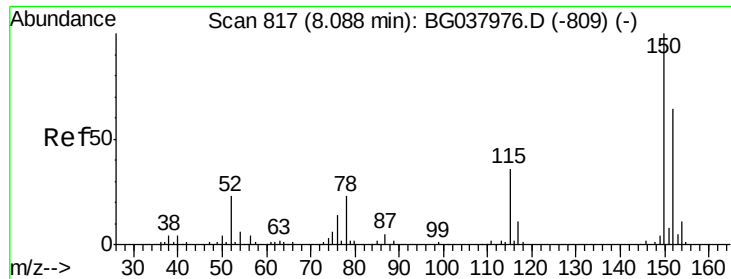
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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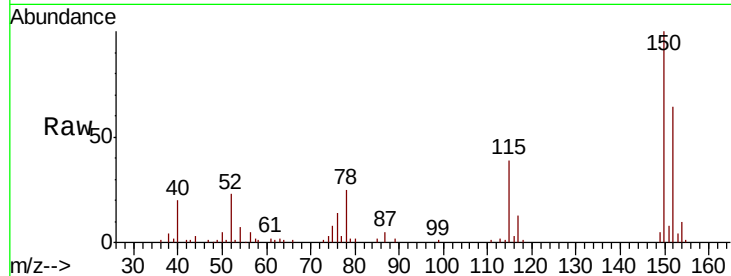


#1

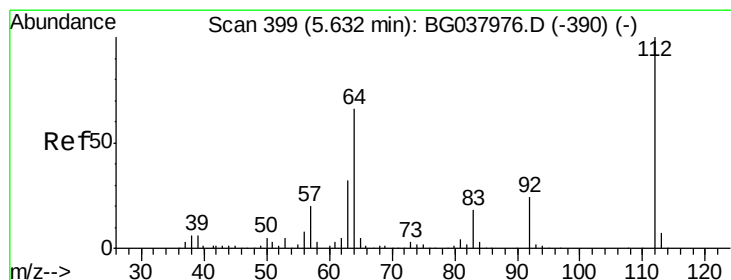
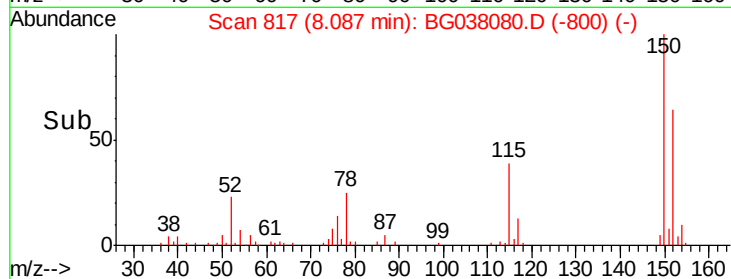
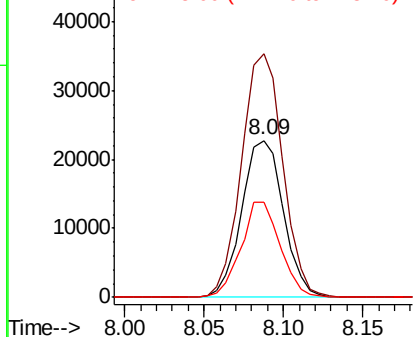
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038080.D
Acq: 20 Nov 2018 3:12

Instrument :
BNA_G
ClientSampleId :
PB114916TB

Tgt Ion:152 Resp: 41563
Ion Ratio Lower Upper
152 100
150 155.2 126.0 189.0
115 60.6 45.5 68.3



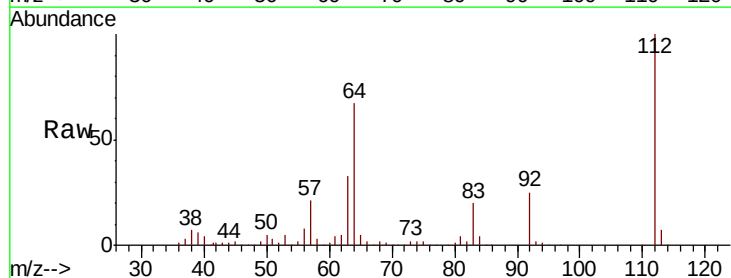
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



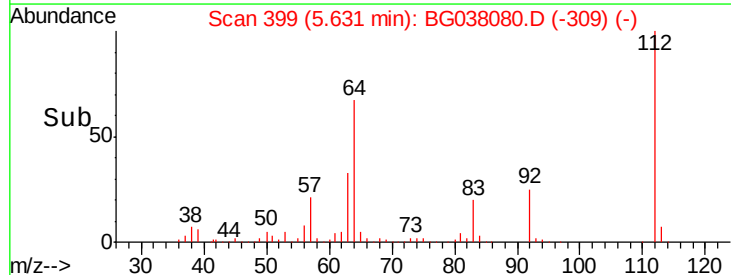
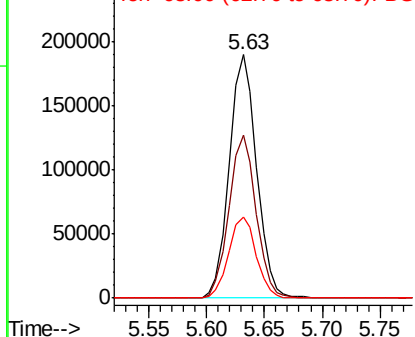
#5

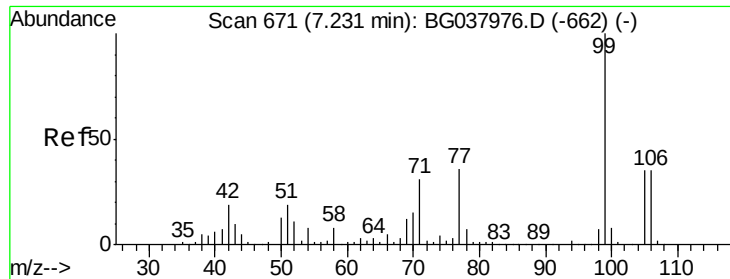
2-Fluorophenol
Concen: 128.975 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038080.D
Acq: 20 Nov 2018 3:12

Tgt Ion:112 Resp: 310476
Ion Ratio Lower Upper
112 100
64 66.9 53.1 79.7
63 33.4 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: 126.341 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG038080.D

Acq: 20 Nov 2018 3:12

Instrument :

BNA_G

ClientSampleId :

PB114916TB

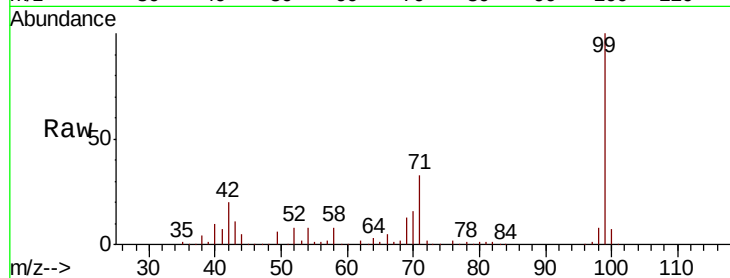
Tgt Ion: 99 Resp: 434137

Ion Ratio Lower Upper

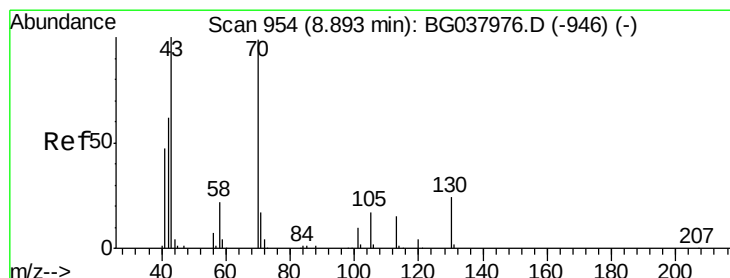
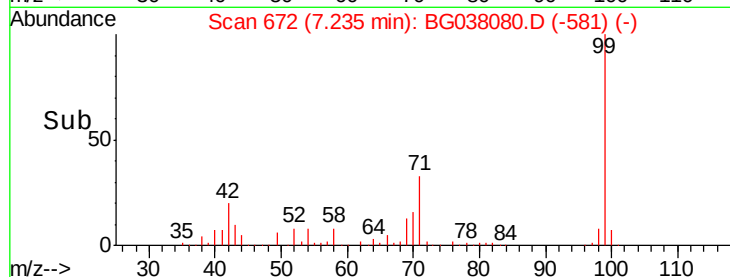
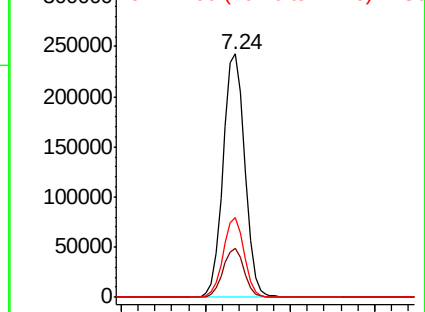
99 100

42 20.2 15.0 22.4

71 32.9 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: 13.626 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038080.D

Acq: 20 Nov 2018 3:12

Tgt Ion: 70 Resp: 33879

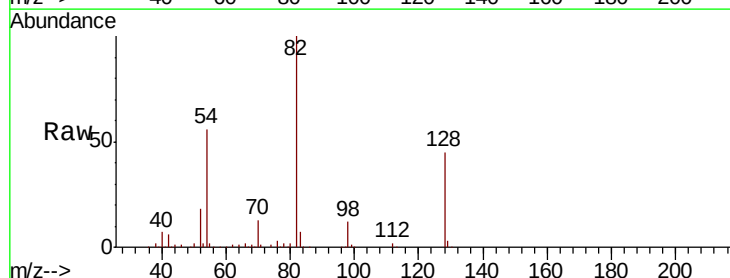
Ion Ratio Lower Upper

70 100

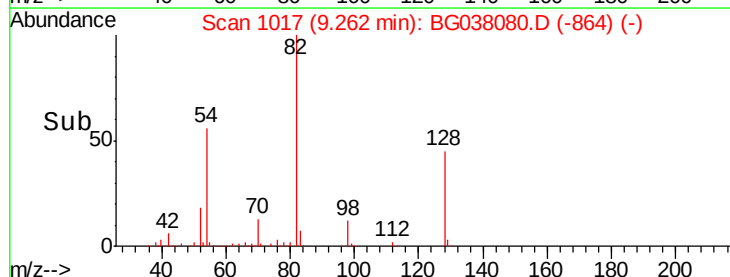
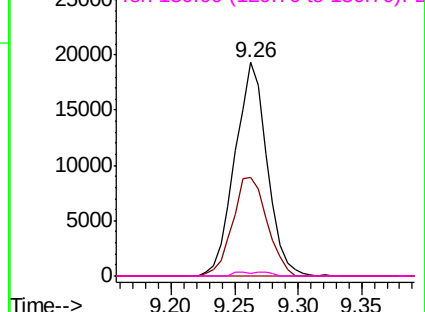
42 46.1 53.9 80.9#

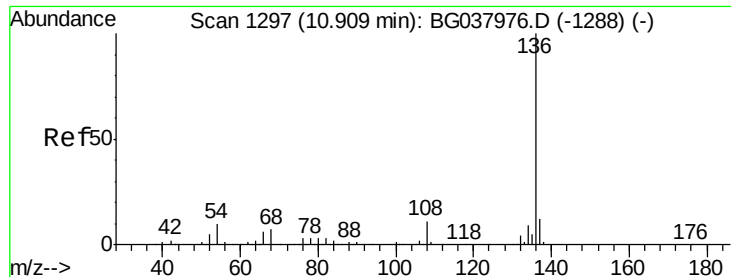
101 0.0 8.2 12.2#

130 1.3 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: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG038080.D

Acq: 20 Nov 2018 3:12

Instrument :

BNA_G

ClientSampleId :

PB114916TB

Tgt Ion: 136 Resp: 180006

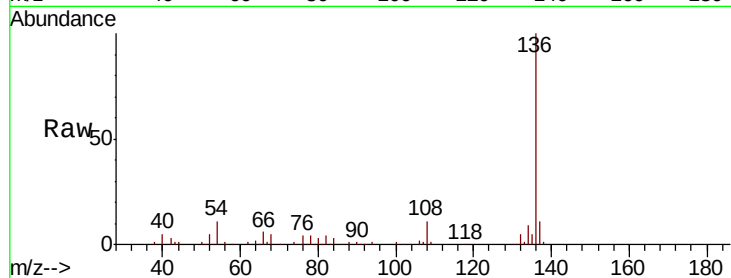
Ion Ratio Lower Upper

136 100

137 11.3 9.6 14.4

54 10.9 7.9 11.9

68 5.1 4.8 7.2

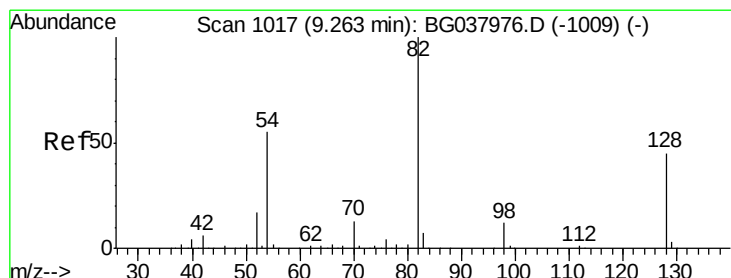
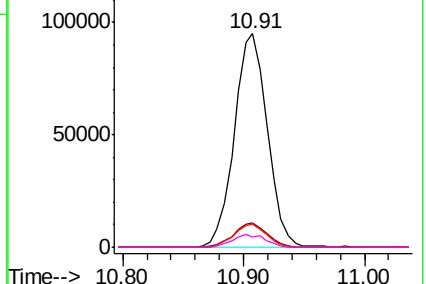
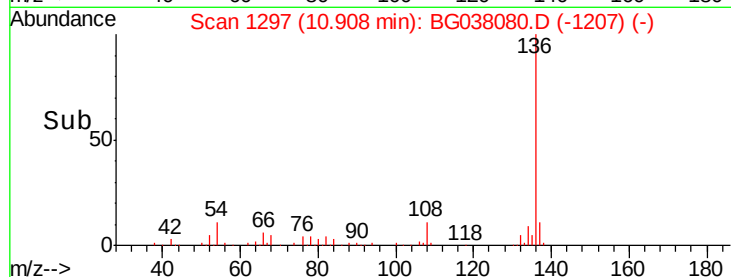


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.748 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG038080.D

Acq: 20 Nov 2018 3:12

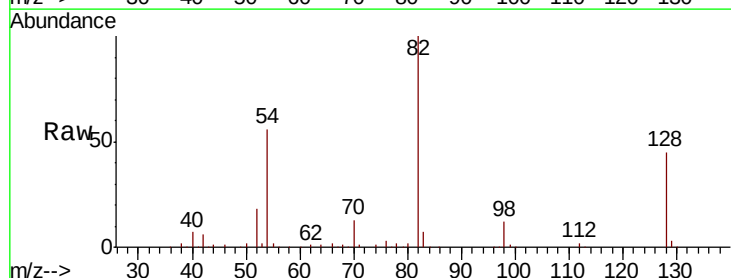
Tgt Ion: 82 Resp: 268168

Ion Ratio Lower Upper

82 100

128 45.0 34.6 51.8

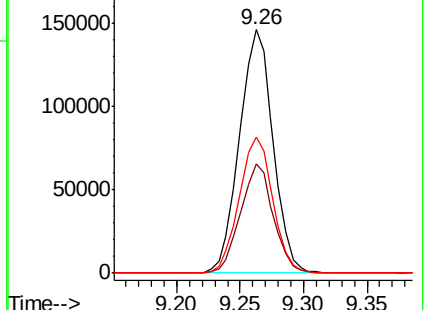
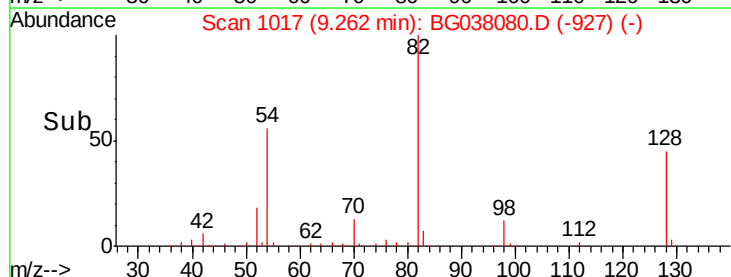
54 56.2 45.3 67.9

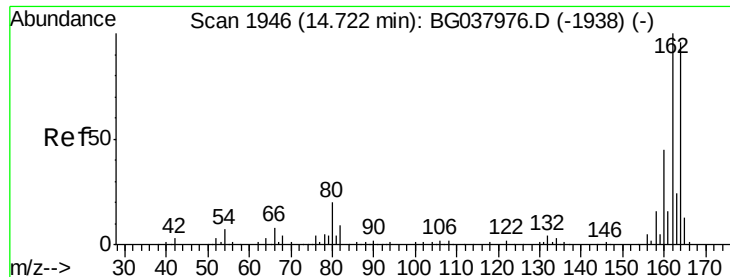


Abundance Ion 82.00 (81.70 to 82.70): BGC

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# 1946

Delta R.T. -0.00 min

Lab File: BG038080.D

Acq: 20 Nov 2018 3:12

Instrument :

BNA_G

ClientSampleId :

PB114916TB

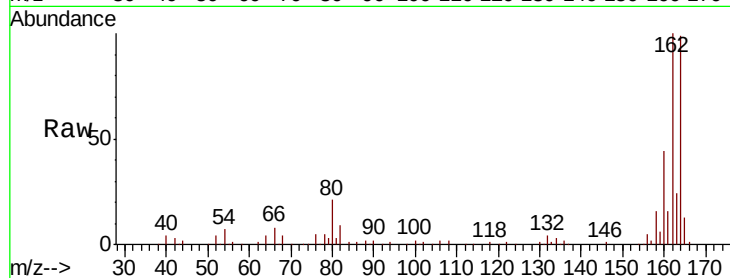
Tgt Ion:164 Resp: 111504

Ion Ratio Lower Upper

164 100

162 101.4 81.3 121.9

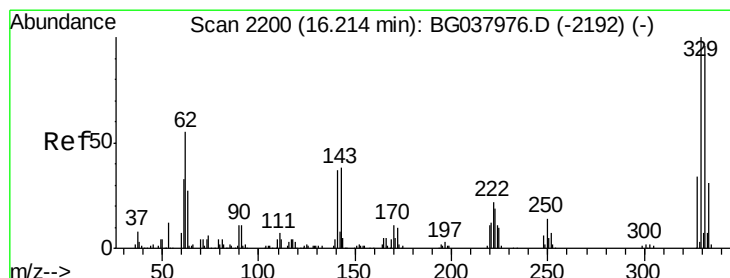
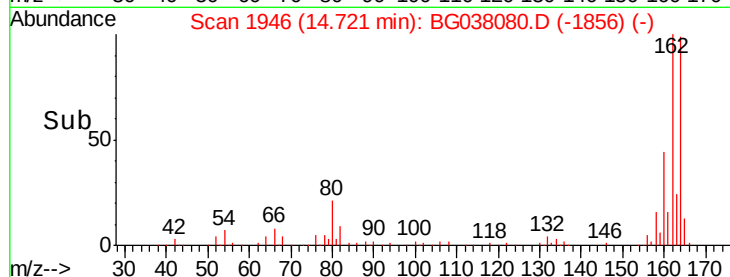
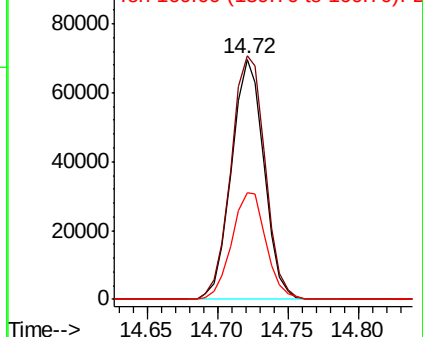
160 44.3 36.3 54.5



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: 112.584 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG038080.D

Acq: 20 Nov 2018 3:12

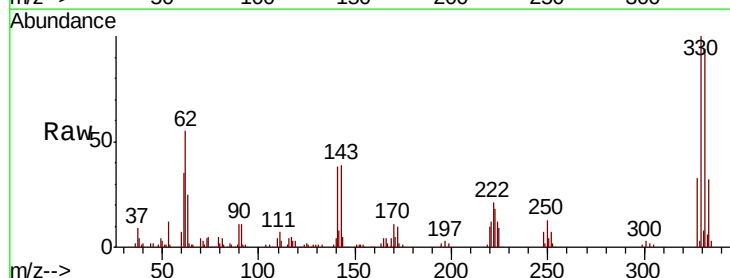
Tgt Ion:330 Resp: 143171

Ion Ratio Lower Upper

330 100

332 95.9 78.4 117.6

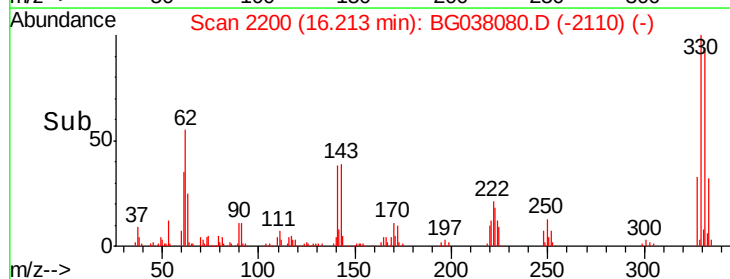
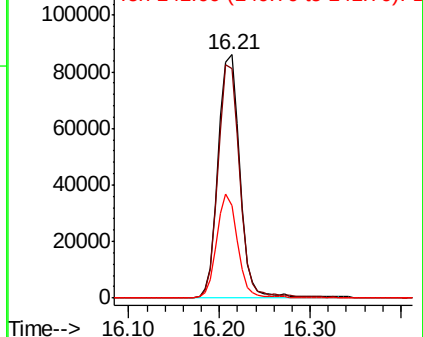
141 41.0 32.2 48.2

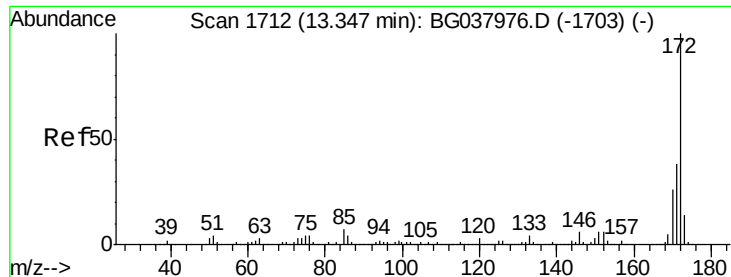


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

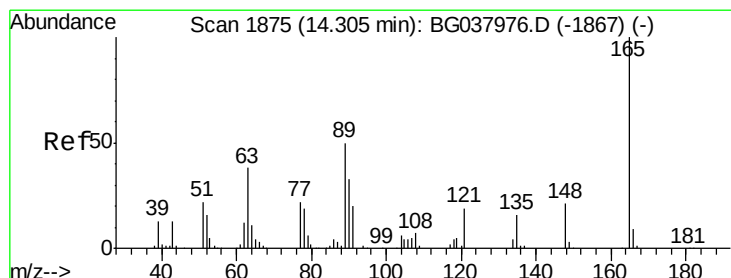
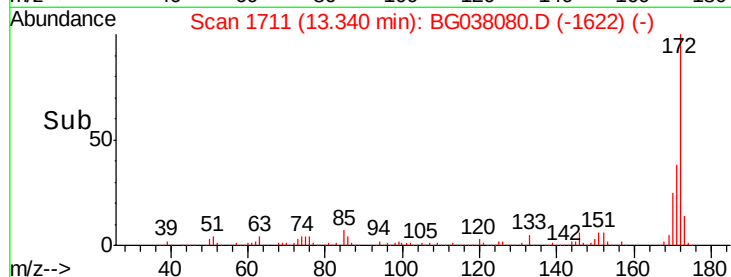
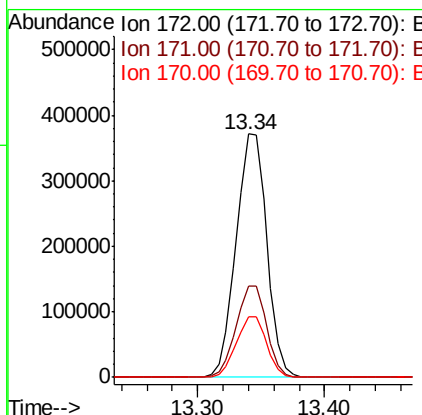
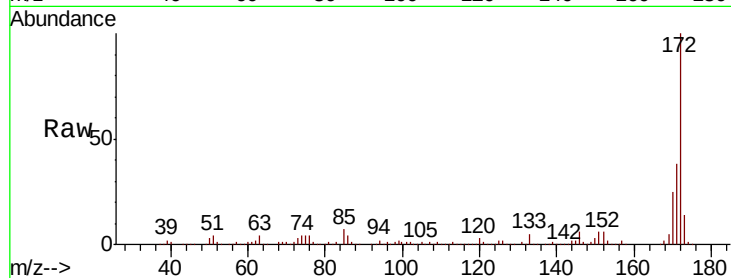




#45
 2-Fluorobiphenyl
 Concen: 81.296 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038080.D
 Acq: 20 Nov 2018 3:12

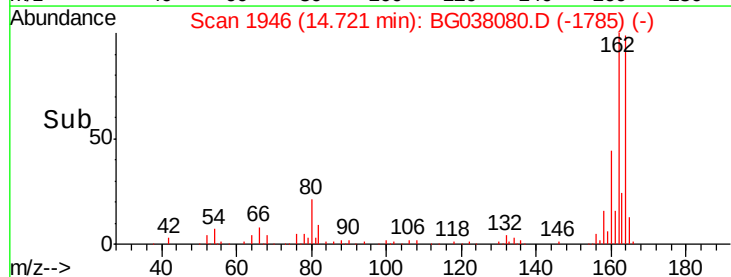
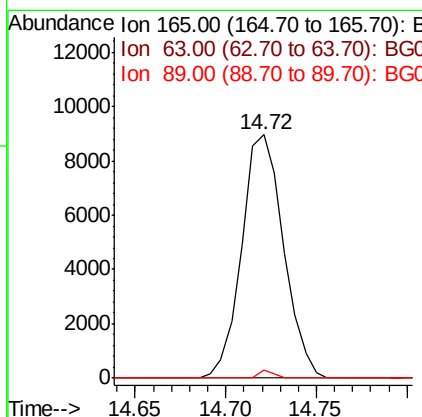
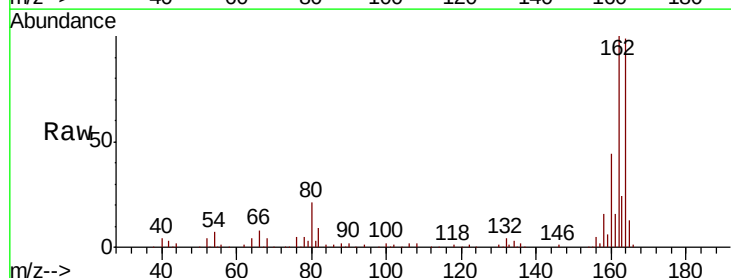
Instrument :
 BNA_G
 ClientSampleId :
 PB114916TB

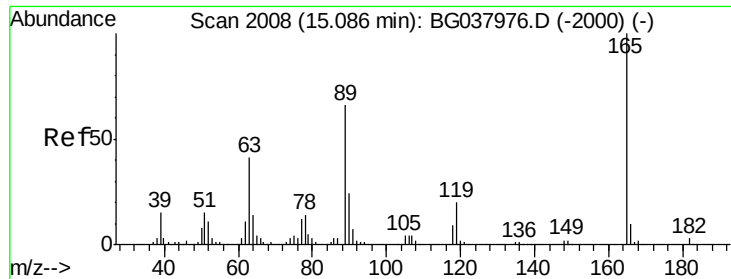
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	25.1	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.213 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038080.D
 Acq: 20 Nov 2018 3:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	3.3	45.8	68.6#

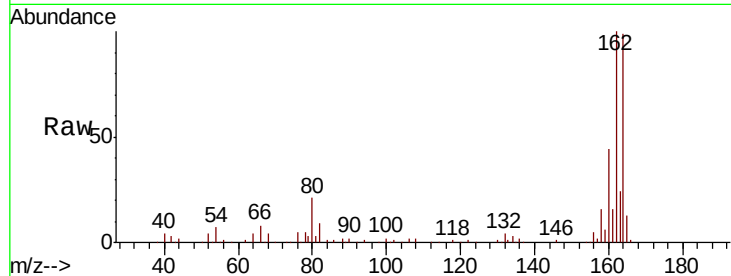




#57
 2,4-Dinitrotoluene
 Concen: 5.301 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.37 min
 Lab File: BG038080.D
 Acq: 20 Nov 2018 3:12

Instrument :
 BNA_G
 ClientSampleId :
 PB114916TB

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	3.3	57.2	85.8#
182	0.0	2.6	4.0#

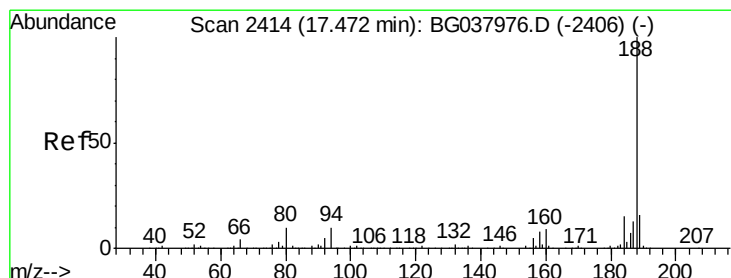
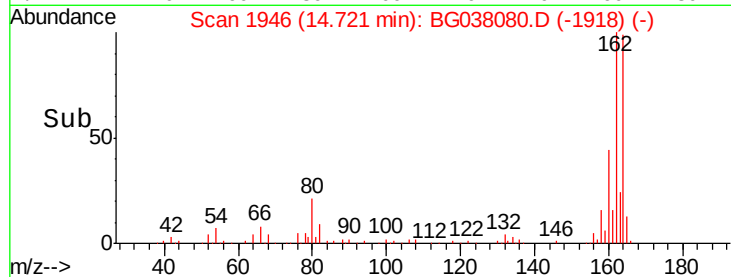
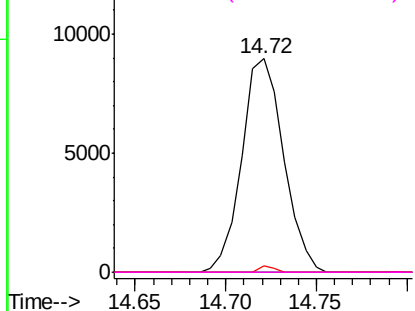


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

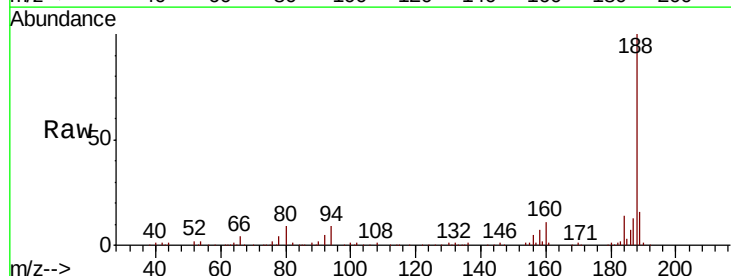
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BG038080.D
 Acq: 20 Nov 2018 3:12

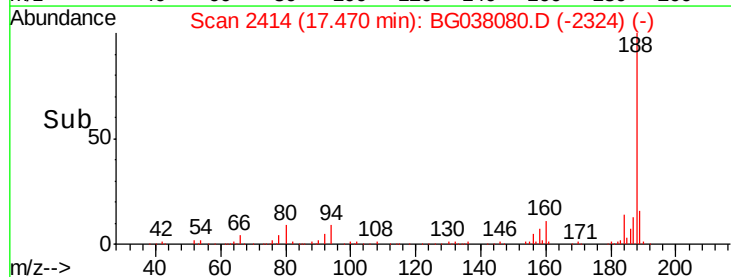
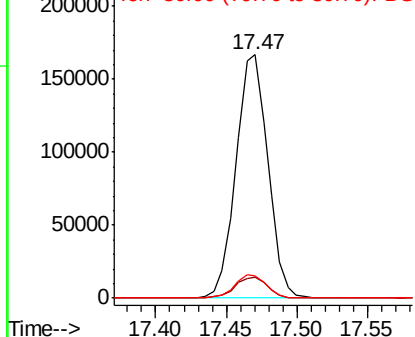
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.3	7.7	11.5

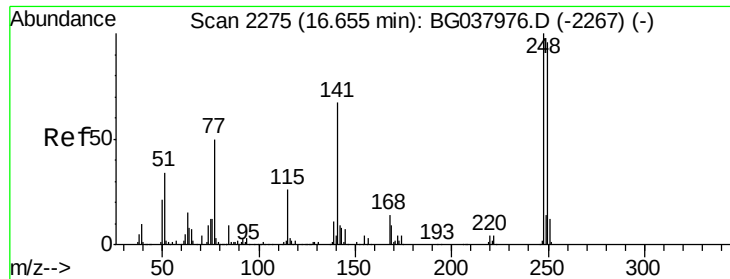


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

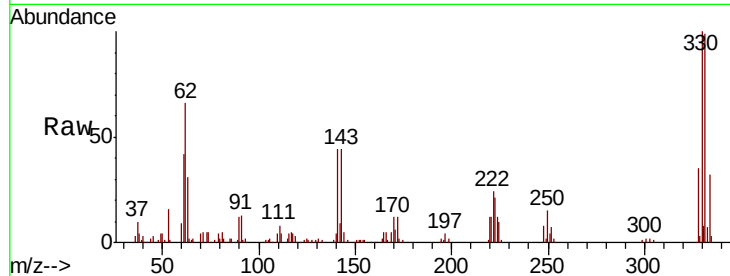




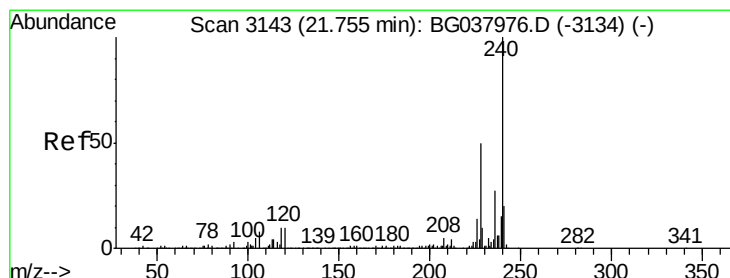
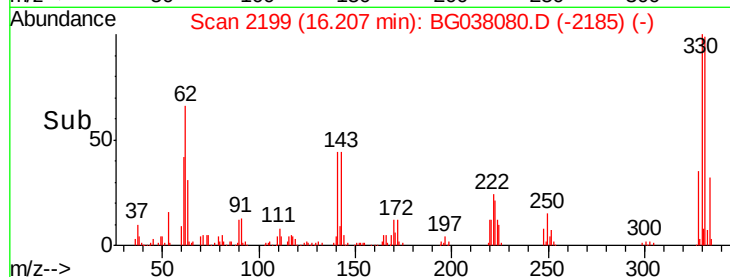
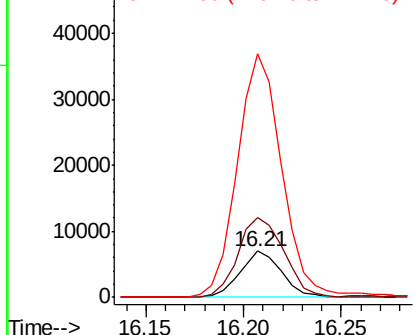
#67
 4-Bromophenyl-phenylether
 Concen: 3.584 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG038080.D
 Acq: 20 Nov 2018 3:12

Instrument :
 BNA_G
 ClientSampleId :
 PB114916TB

Tgt Ion: 248 Resp: 10353
 Ion Ratio Lower Upper
 248 100
 250 174.0 77.0 115.6#
 141 406.8 55.5 83.3#

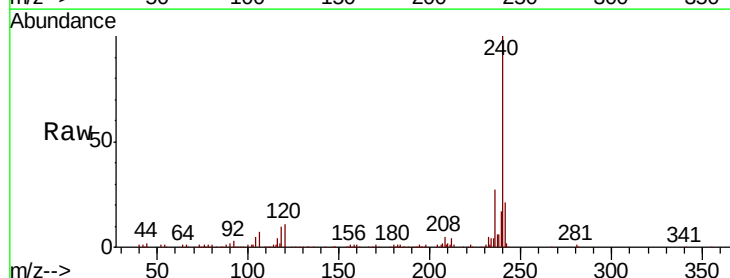


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

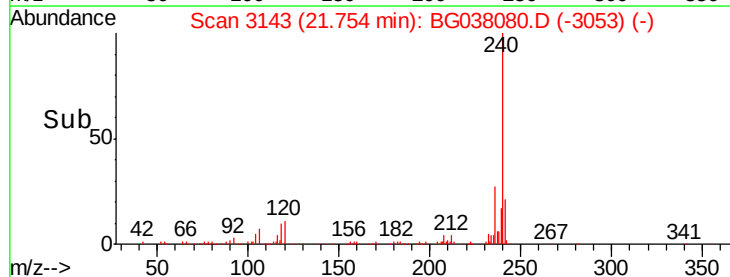
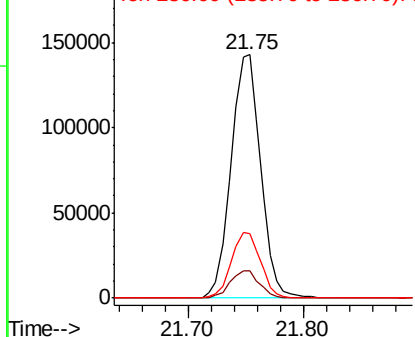


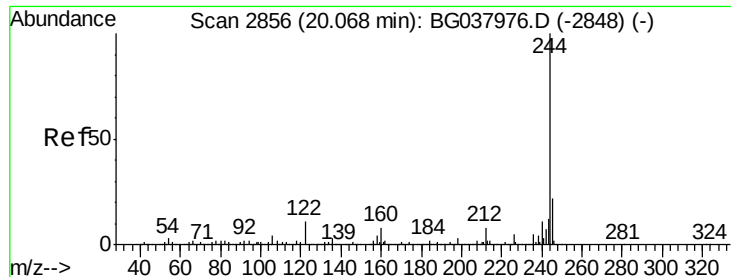
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BG038080.D
 Acq: 20 Nov 2018 3:12

Tgt Ion: 240 Resp: 253496
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.1 12.1
 236 26.6 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: 88.195 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038080.D

Acq: 20 Nov 2018 3:12

Instrument :

BNA_G

ClientSampleId :

PB114916TB

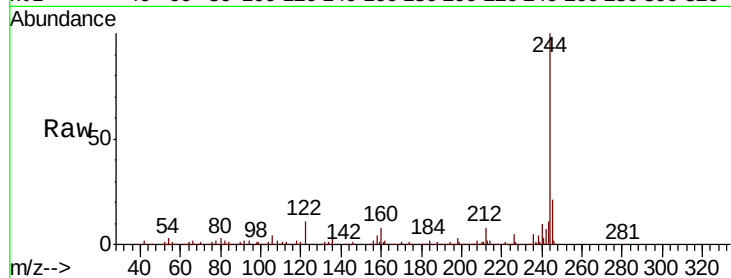
Tgt Ion:244 Resp: 950145

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

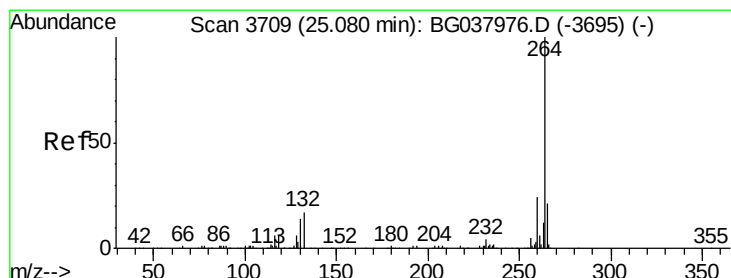
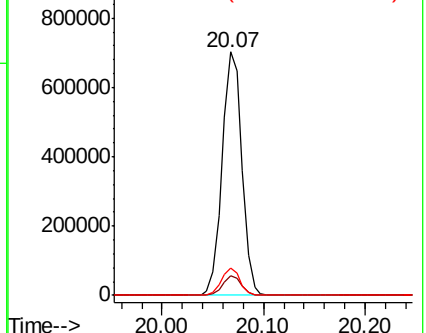
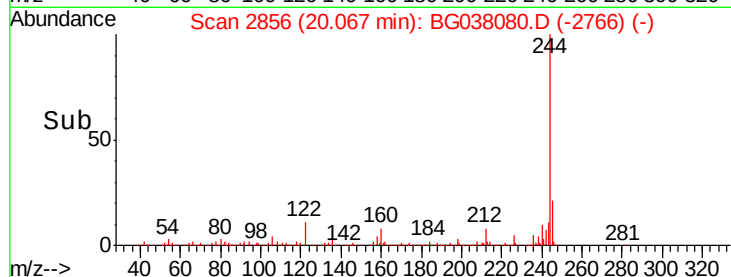
122 11.2 9.0 13.4



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# 3708

Delta R.T. -0.01 min

Lab File: BG038080.D

Acq: 20 Nov 2018 3:12

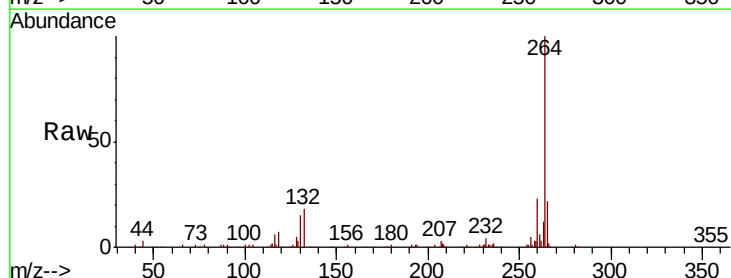
Tgt Ion:264 Resp: 257210

Ion Ratio Lower Upper

264 100

260 23.0 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

