

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
 Data File : BG038033.D
 Acq On : 16 Nov 2018 14:45
 Operator : JU/SJ
 Sample : J5965-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 16 18:05:04 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

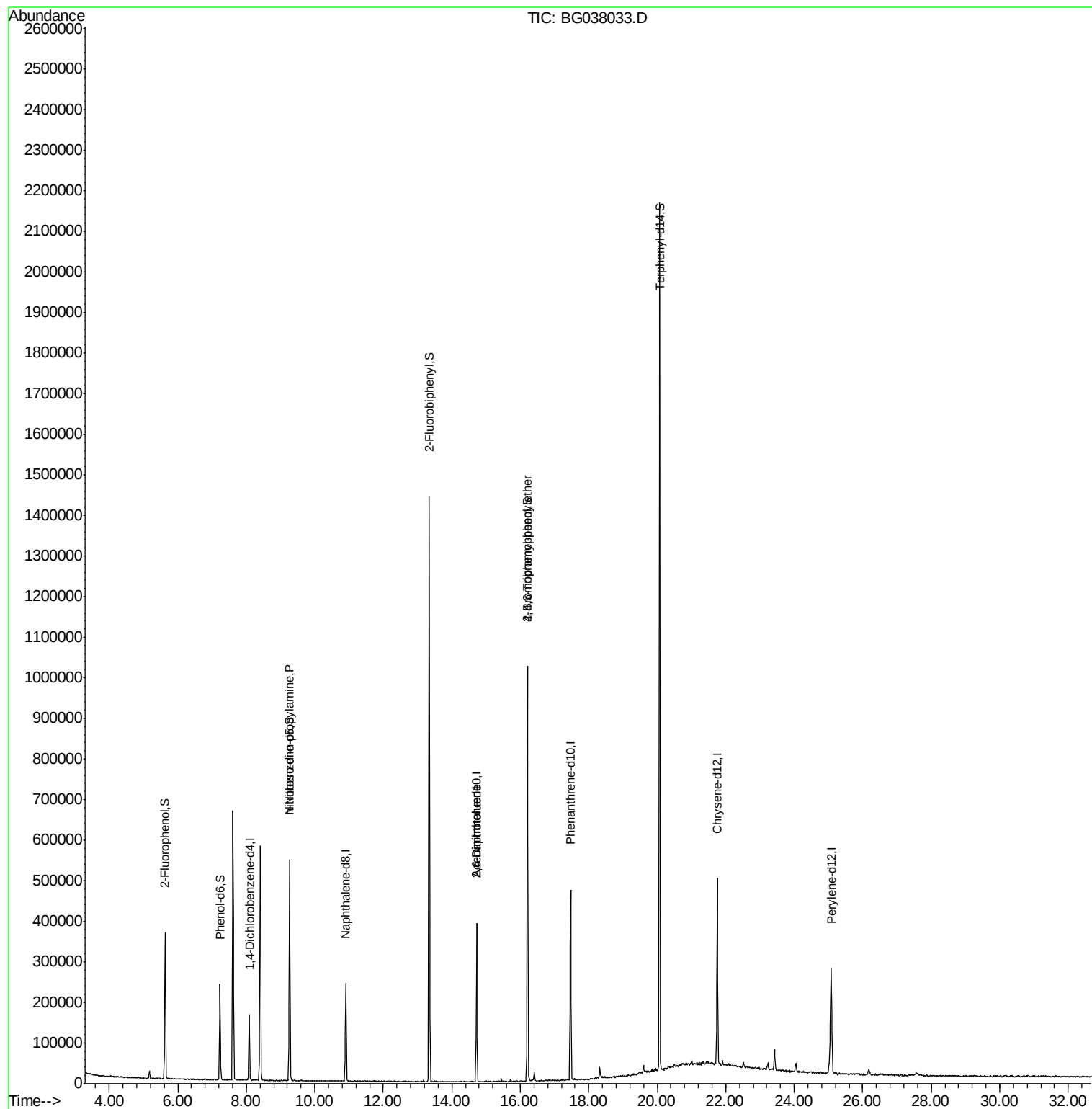
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	46856	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	216079	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	135227	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	301488	20.00	ng	0.00
76) Chrysene-d12	21.75	240	274837	20.00	ng	0.00
87) Perylene-d12	25.08	264	283498	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	167304	61.65	ng	0.00
7) Phenol-d6	7.23	99	148954	38.45	ng	0.00
23) Nitrobenzene-d5	9.26	82	333440	82.60	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	187250	121.41	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	770471	83.01	ng	0.00
79) Terphenyl-d14	20.07	244	990816	84.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	42224	15.064	ng	# 73
51) 2,6-Dinitrotoluene	14.72	165	17522	7.222	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	17522	5.308	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	13866	4.190	ng	# 1

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

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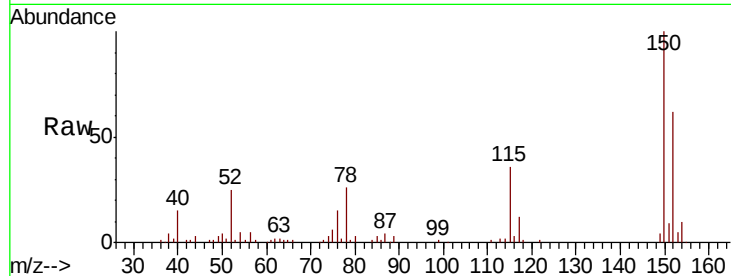


#1

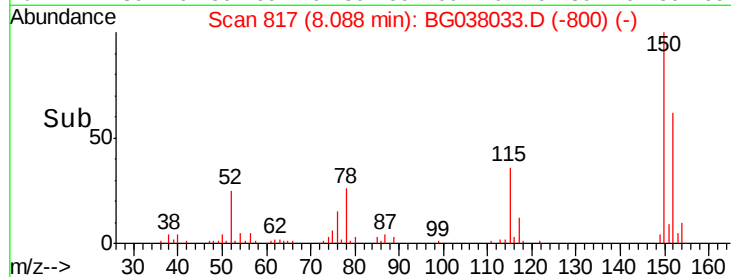
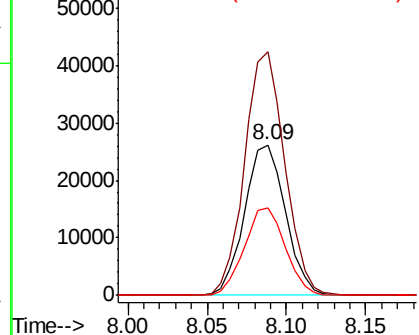
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038033.D
Acq: 16 Nov 2018 14:45

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.0	189.0
115	58.2	45.5	68.3



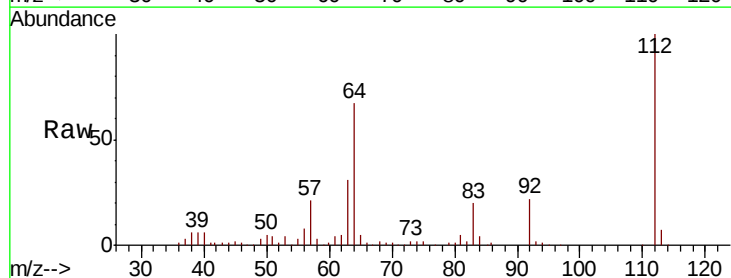
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



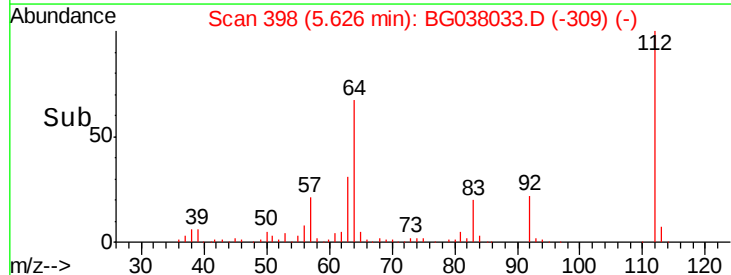
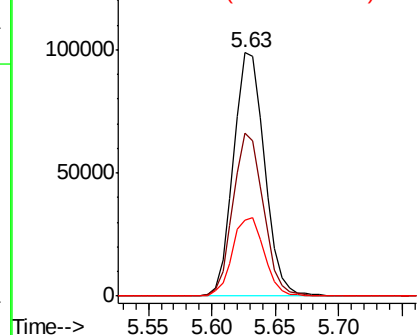
#5

2-Fluorophenol
Concen: 61.649 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038033.D
Acq: 16 Nov 2018 14:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.9	53.1	79.7
63	31.4	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: 38.451 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038033.D

Acq: 16 Nov 2018 14:45

Instrument :

BNA_F

ClientSampled :

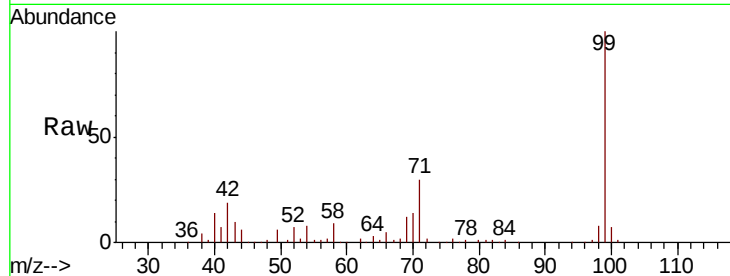
Tot Ion: 99 Resp: 148954

Ion Ratio Lower Upper

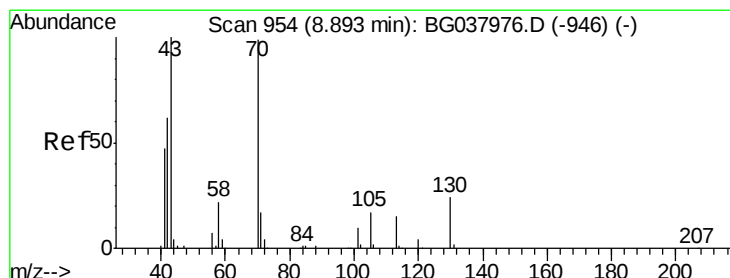
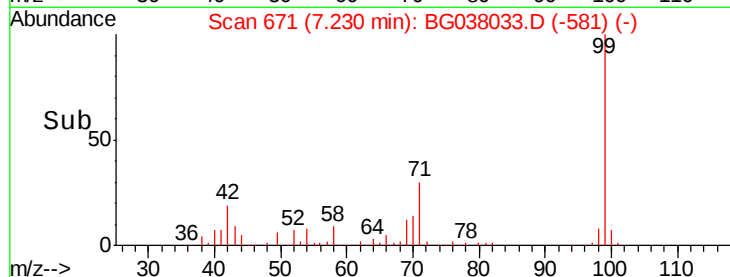
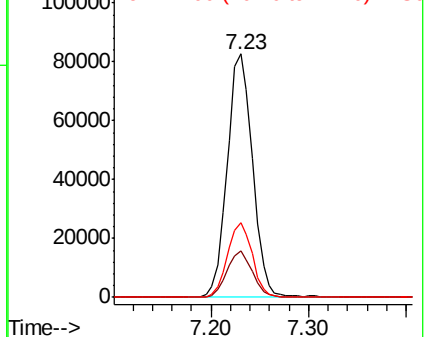
99 100

42 19.0 15.0 22.4

71 30.5 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: 15.064 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038033.D

Acq: 16 Nov 2018 14:45

Tgt Ion: 70 Resp: 42224

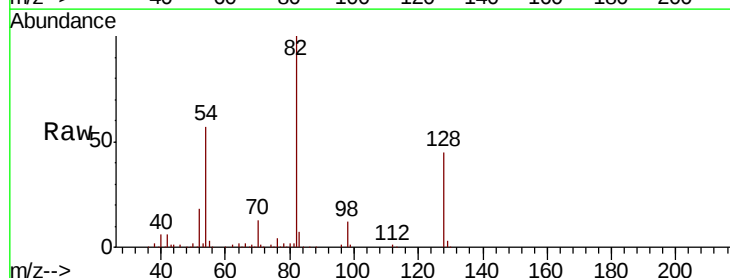
Ion Ratio Lower Upper

70 100

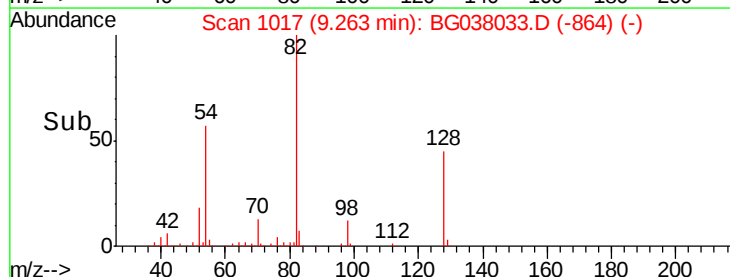
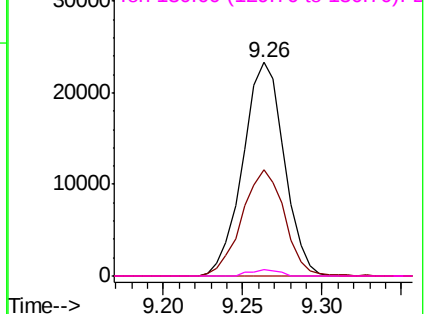
42 49.9 53.9 80.9#

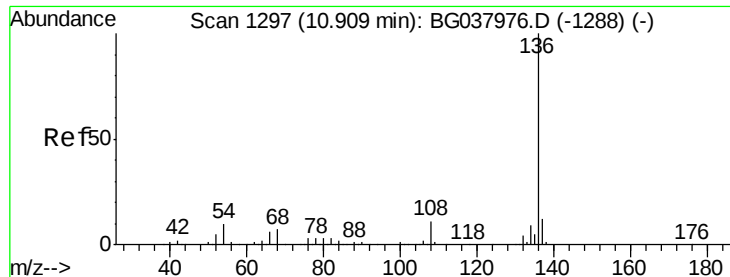
101 0.0 8.2 12.2#

130 2.7 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: BG038033.D

Acq: 16 Nov 2018 14:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 216079

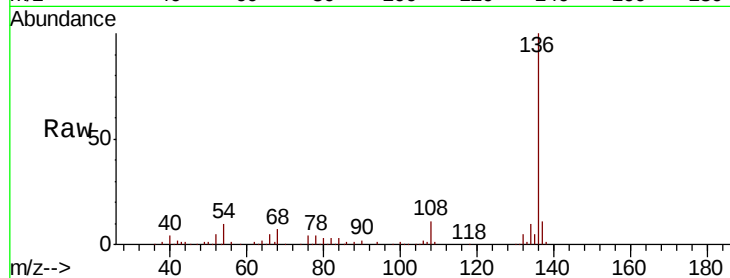
Ion Ratio Lower Upper

136 100

137 10.9 9.6 14.4

54 10.2 7.9 11.9

68 6.9 4.8 7.2

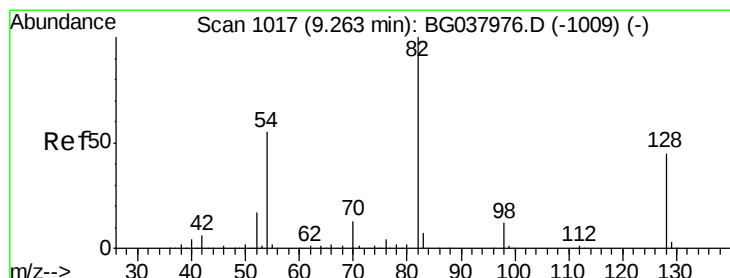
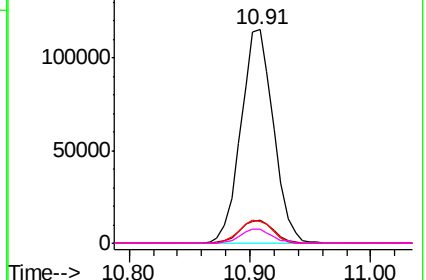
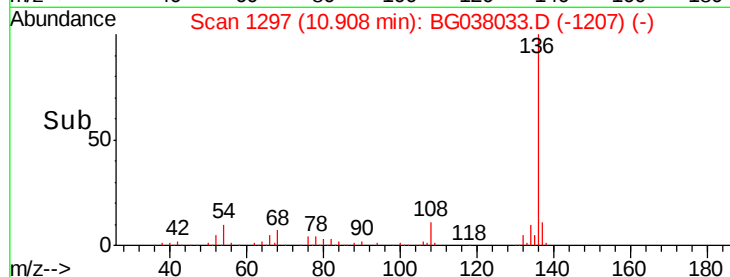


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.605 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG038033.D

Acq: 16 Nov 2018 14:45

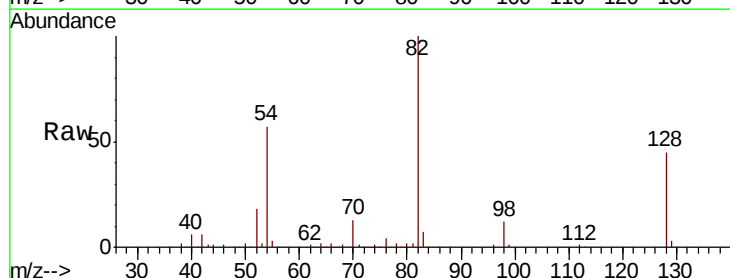
Tgt Ion: 82 Resp: 333440

Ion Ratio Lower Upper

82 100

128 44.6 34.6 51.8

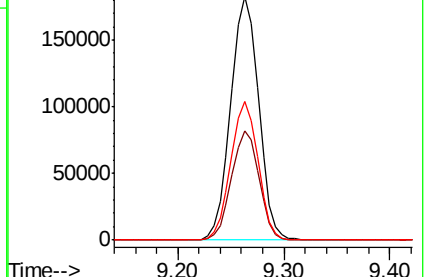
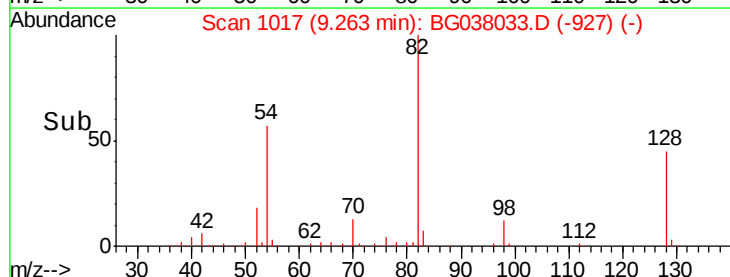
54 57.2 45.3 67.9

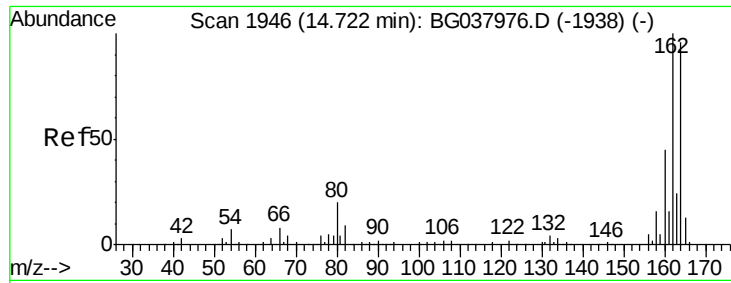


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

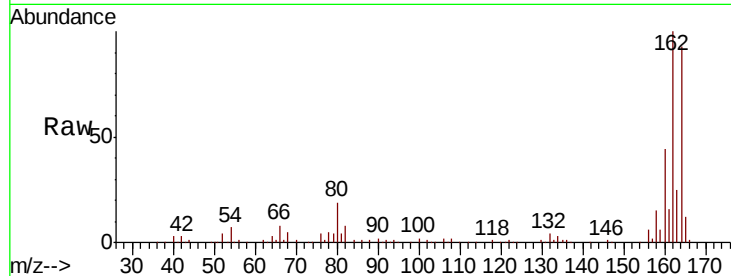




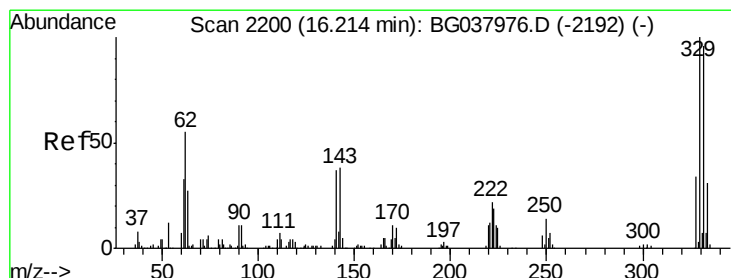
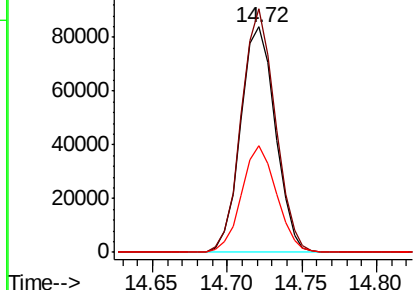
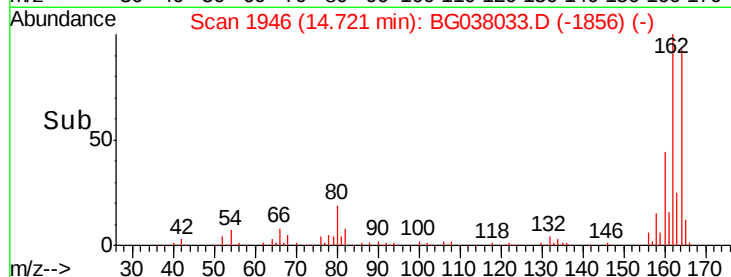
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BG038033.D
 Acq: 16 Nov 2018 14:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 135227
 Ion Ratio Lower Upper
 164 100
 162 108.0 81.3 121.9
 160 47.6 36.3 54.5

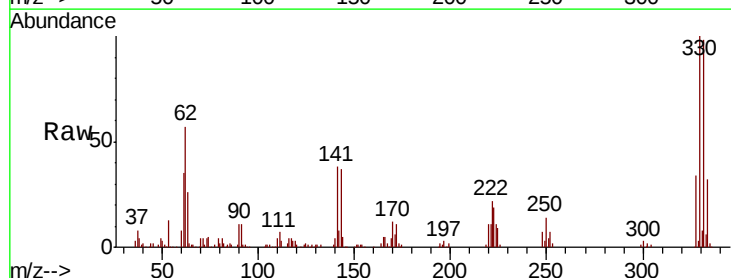


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

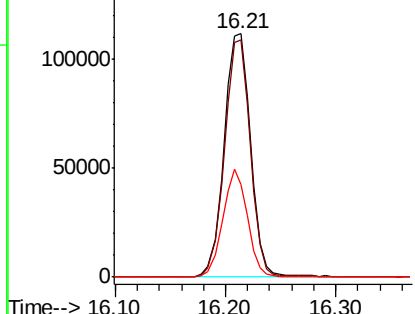
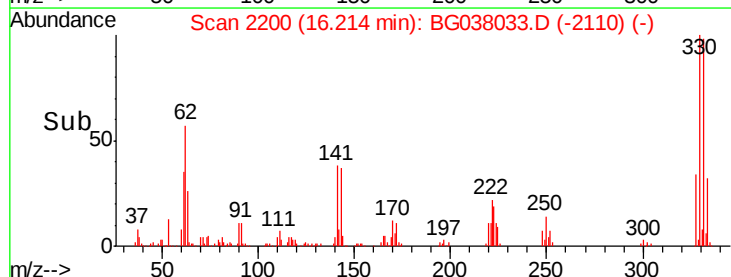


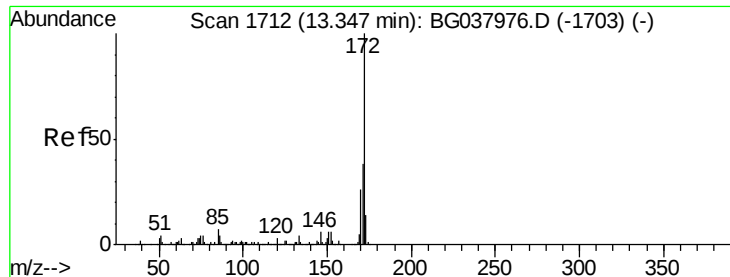
#42
 2,4,6-Tribromophenol
 Concen: 121.415 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG038033.D
 Acq: 16 Nov 2018 14:45

Tgt Ion:330 Resp: 187250
 Ion Ratio Lower Upper
 330 100
 332 95.3 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

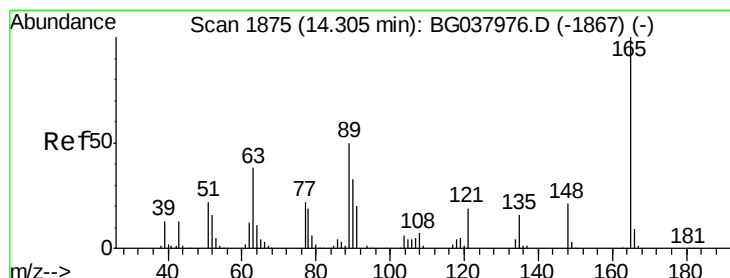
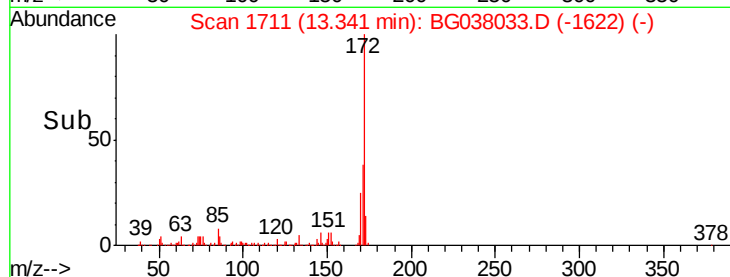
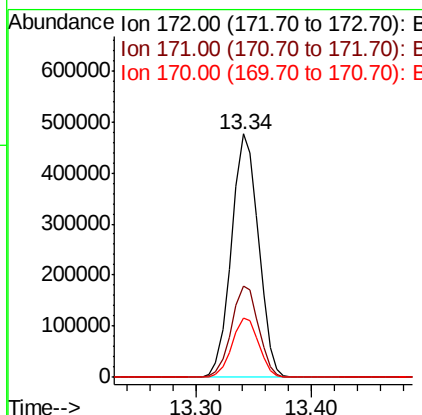
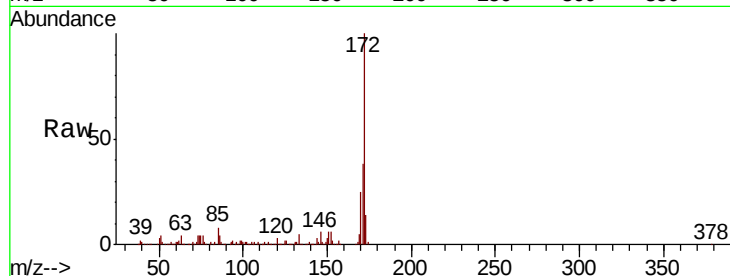




#45
 2-Fluorobiphenyl
 Concen: 83.006 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038033.D
 Acq: 16 Nov 2018 14:45

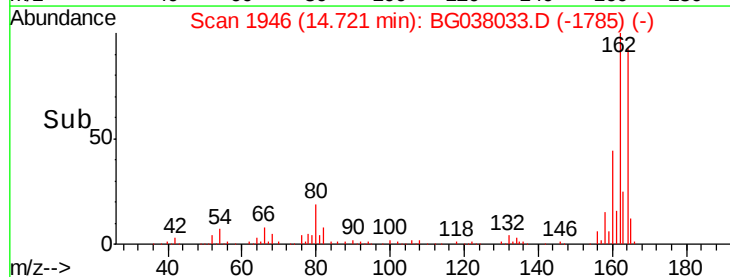
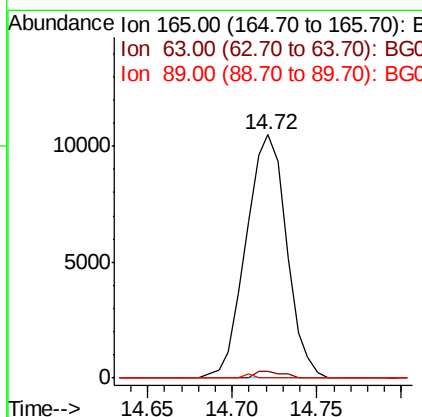
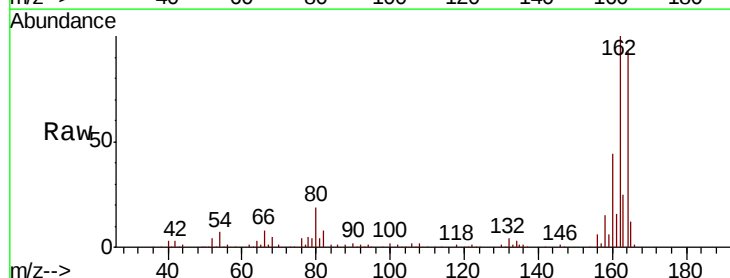
Instrument :
 BNA_F
 ClientSampleId :

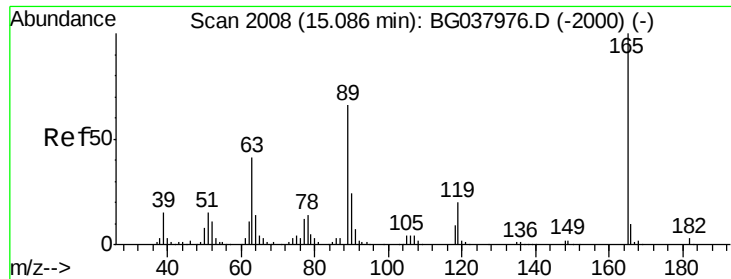
Tot Ion:172 Resp: 770471
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.0 46.4
 170 24.6 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.222 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038033.D
 Acq: 16 Nov 2018 14:45

Tgt Ion:165 Resp: 17522
 Ion Ratio Lower Upper
 165 100
 63 2.5 43.4 65.2#
 89 0.0 45.8 68.6#

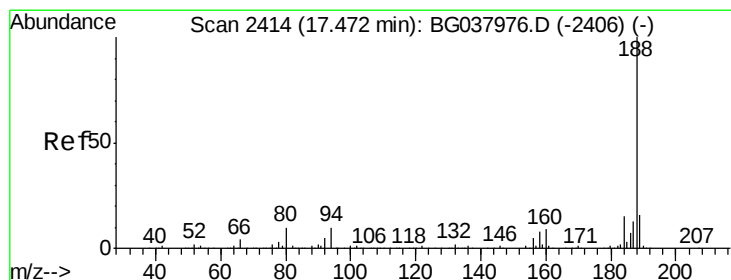
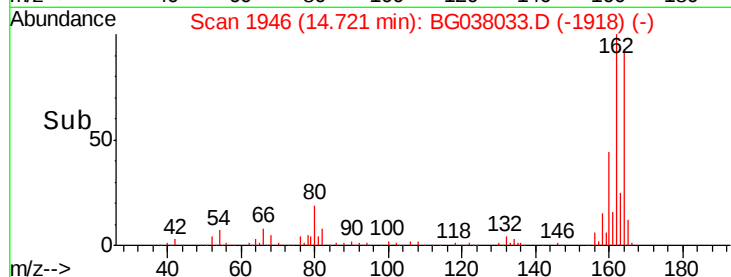
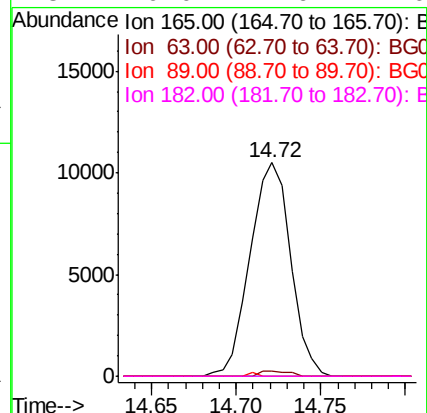
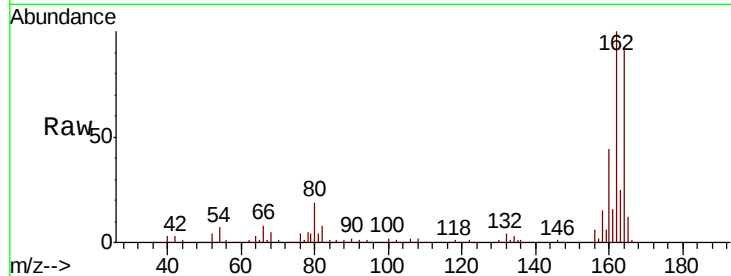




#57
 2,4-Dinitrotoluene
 Concen: 5.308 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038033.D
 Acq: 16 Nov 2018 14:45

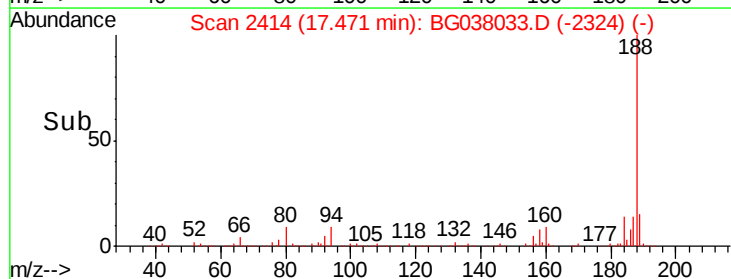
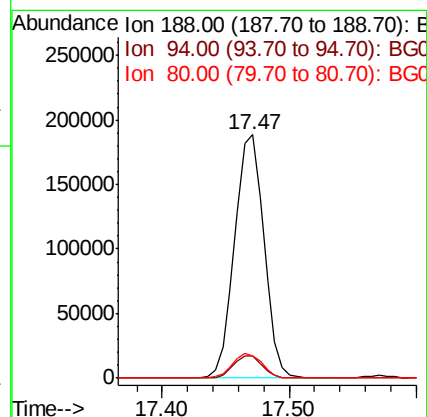
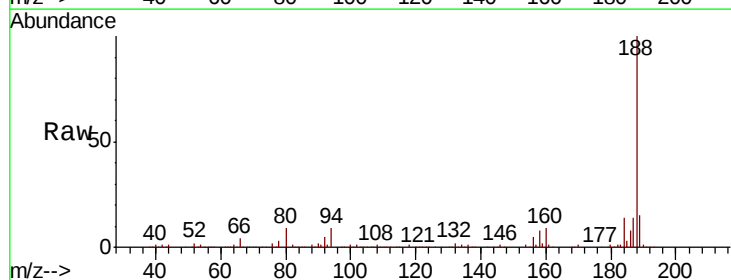
Instrument :
 BNA_F
 ClientSampleId :

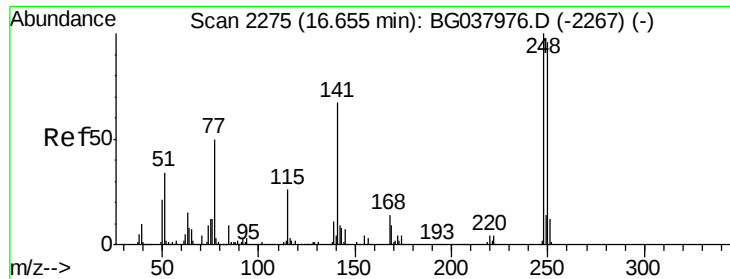
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.5	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BG038033.D
 Acq: 16 Nov 2018 14:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.2	7.7	11.5

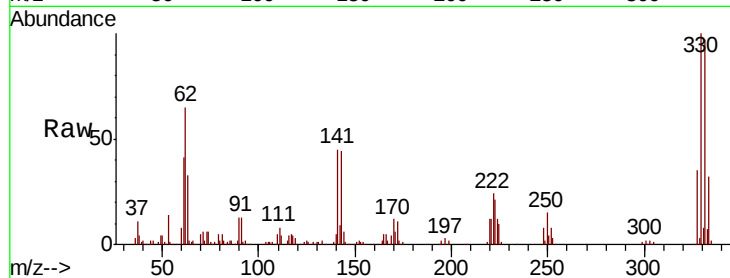




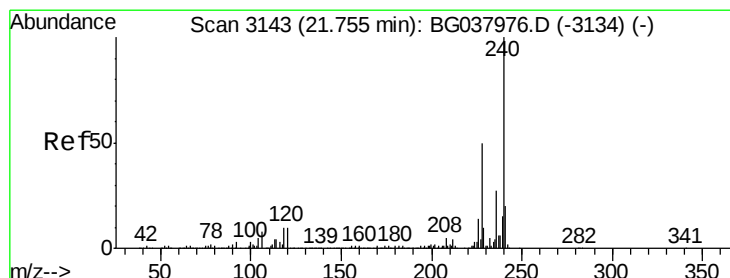
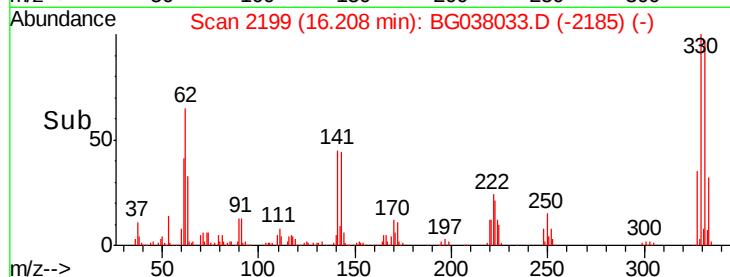
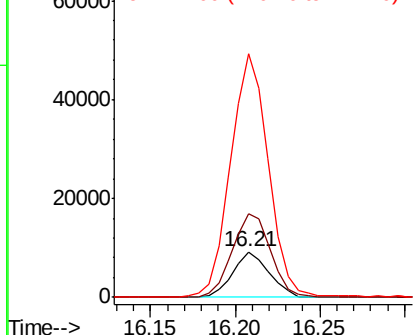
#67
4-Bromophenyl-phenylether
Concen: 4.190 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG038033.D
Acq: 16 Nov 2018 14:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13866
Ion Ratio Lower Upper
248 100
250 180.4 77.0 115.6#
141 413.0 55.5 83.3#

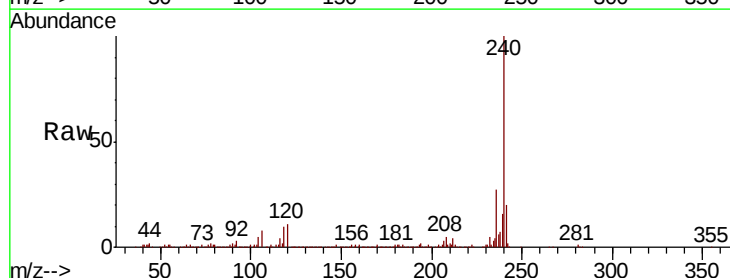


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

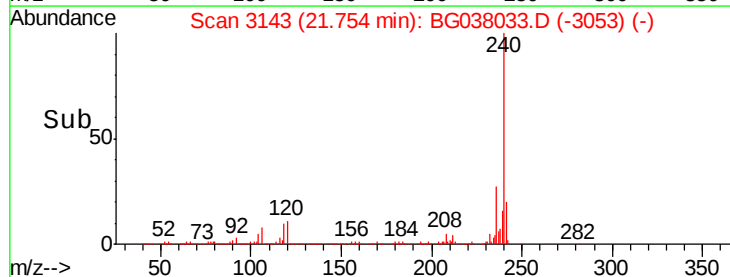
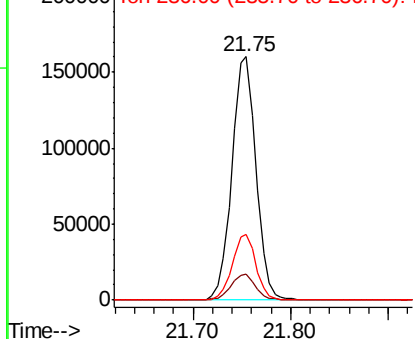


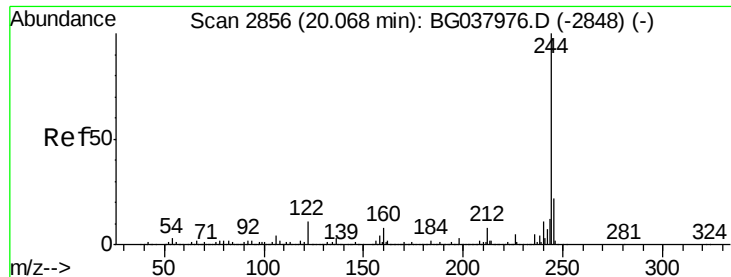
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG038033.D
Acq: 16 Nov 2018 14:45

Tgt Ion:240 Resp: 274837
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 27.1 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: 84.828 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038033.D

Acq: 16 Nov 2018 14:45

Instrument :

BNA_F

ClientSampleId :

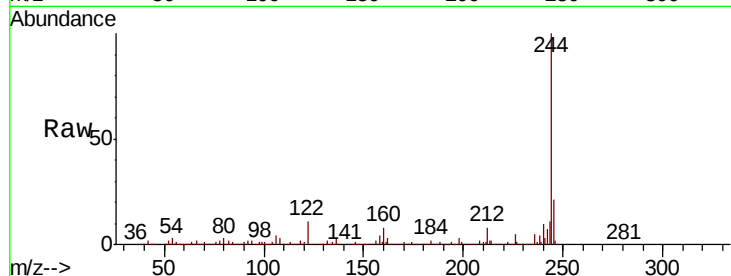
Tot Ion:244 Resp: 990816

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

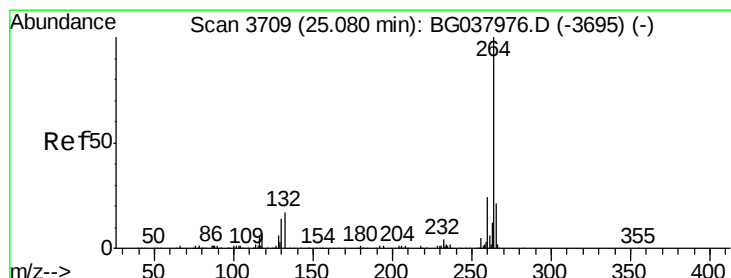
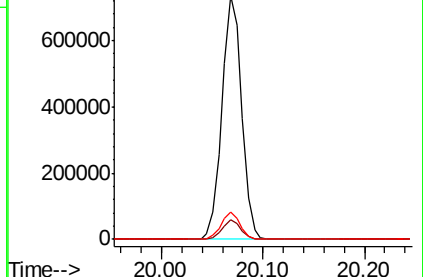
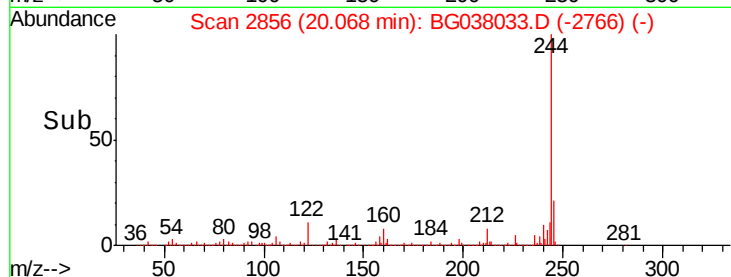
122 11.1 9.0 13.4



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# 3709

Delta R.T. -0.00 min

Lab File: BG038033.D

Acq: 16 Nov 2018 14:45

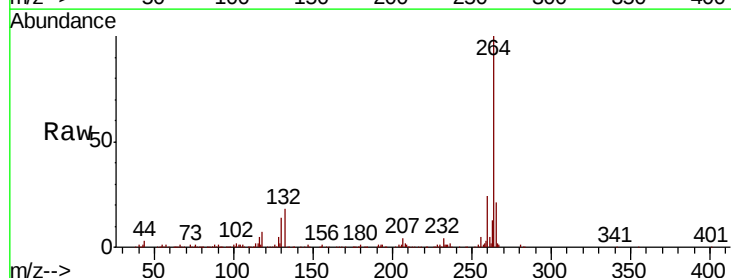
Tgt Ion:264 Resp: 283498

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 20.9 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

