

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038085.D
 Acq On : 20 Nov 2018 14:48
 Operator : JU/SJ
 Sample : J6006-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 20 16:32:29 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

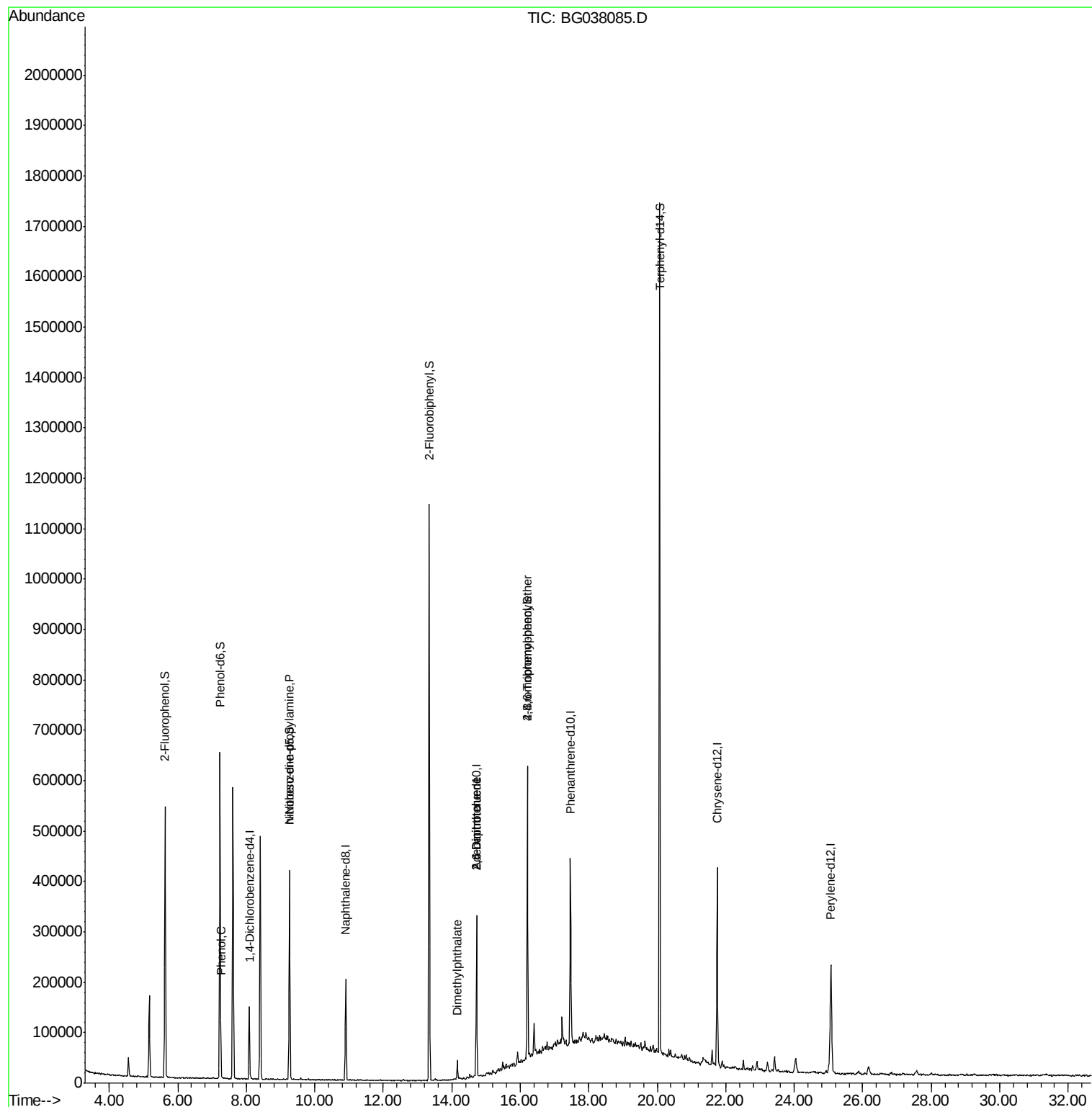
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	42568	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	183577	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	112657	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	231394	20.00	ng	0.00
76) Chrysene-d12	21.75	240	229843	20.00	ng	0.00
87) Perylene-d12	25.07	264	244405	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	249087	101.03	ng	0.00
7) Phenol-d6	7.23	99	396839	112.76	ng	0.00
23) Nitrobenzene-d5	9.26	82	261433	76.23	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	104260	81.15	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	620078	80.19	ng	0.00
79) Terphenyl-d14	20.07	244	811231	83.05	ng	0.00
Target Compounds						
10) Phenol	7.26	94	8839	2.371	ng	97
19) n-Nitroso-di-n-propylamine	9.26	70	33662	13.219	ng	# 73
50) Dimethylphthalate	14.16	163	26072	2.919	ng	# 97
51) 2,6-Dinitrotoluene	14.72	165	15511	7.674	ng	# 27
57) 2,4-Dinitrotoluene	14.72	165	15511	5.640	ng	# 26
67) 4-Bromophenyl-phenylether	16.21	248	7327	2.885	ng	# 1

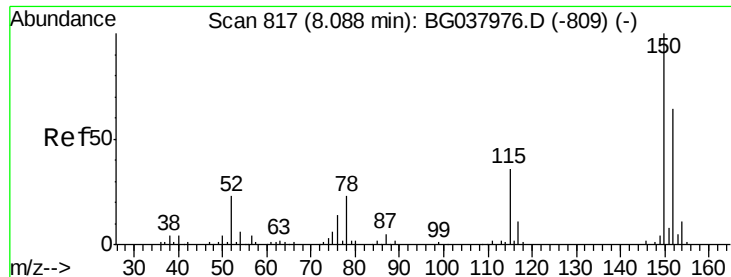
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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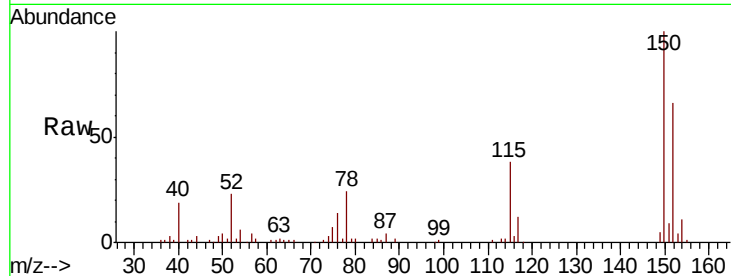


#1

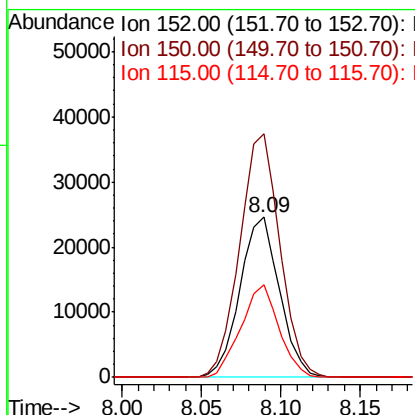
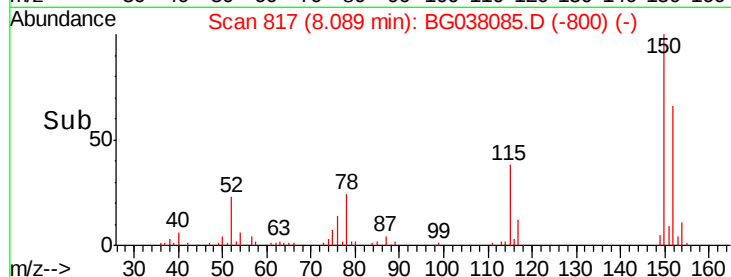
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038085.D
Acq: 20 Nov 2018 14:48

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 42568
Ion Ratio Lower Upper
152 100
150 152.1 126.0 189.0
115 57.9 45.5 68.3



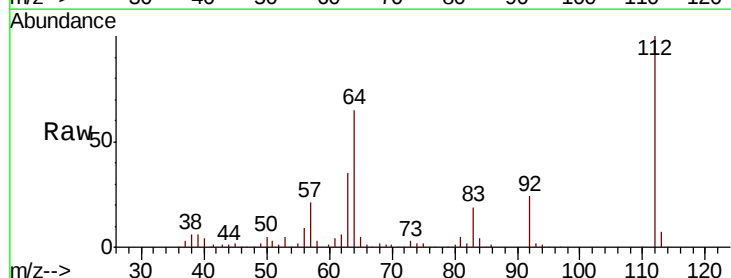
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



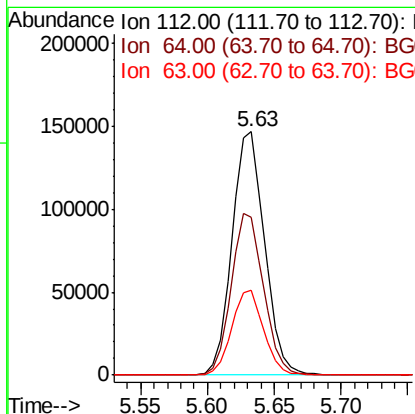
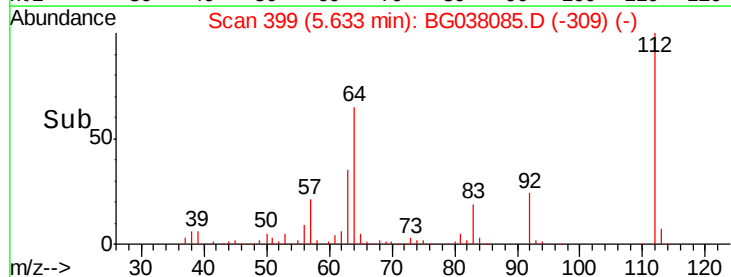
#5

2-Fluorophenol
Concen: 101.030 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038085.D
Acq: 20 Nov 2018 14:48

Tgt Ion:112 Resp: 249087
Ion Ratio Lower Upper
112 100
64 65.0 53.1 79.7
63 35.1 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: 112.760 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038085.D

Acq: 20 Nov 2018 14:48

Instrument :

BNA_G

ClientSampled :

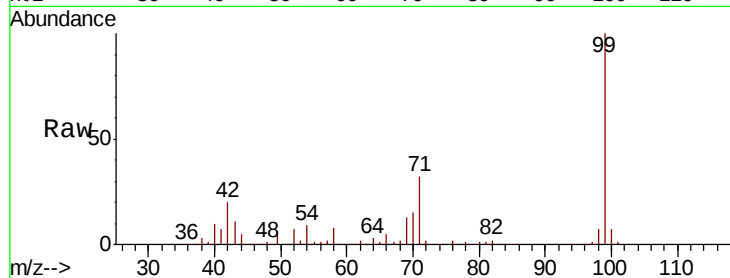
Tot Ion: 99 Resp: 396839

Ion Ratio Lower Upper

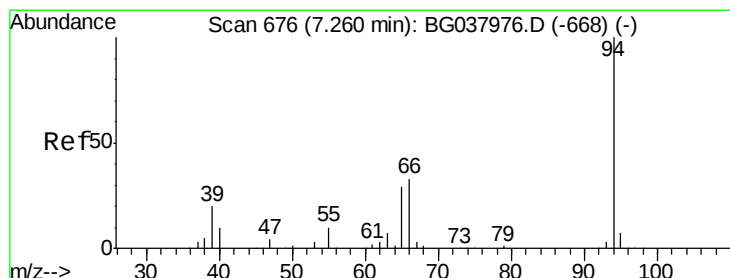
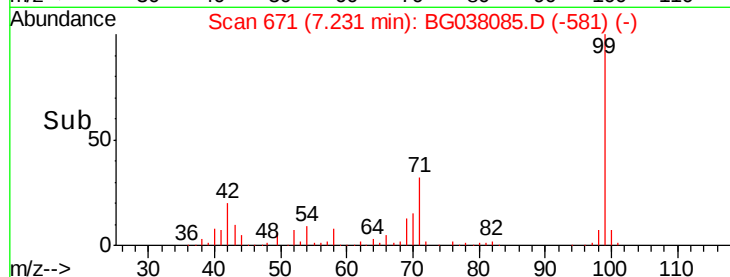
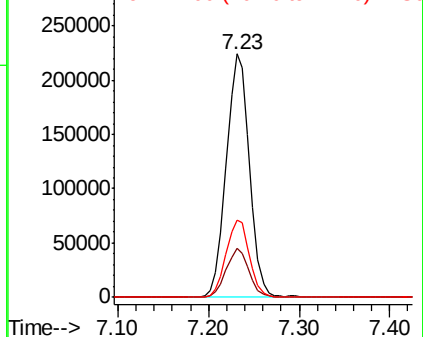
99 100

42 19.9 15.0 22.4

71 31.9 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



#10

Phenol

Concen: 2.371 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038085.D

Acq: 20 Nov 2018 14:48

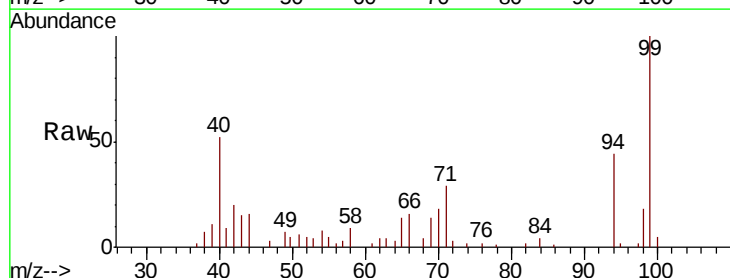
Tgt Ion: 94 Resp: 8839

Ion Ratio Lower Upper

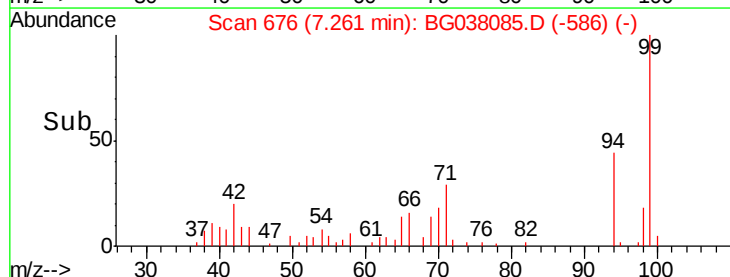
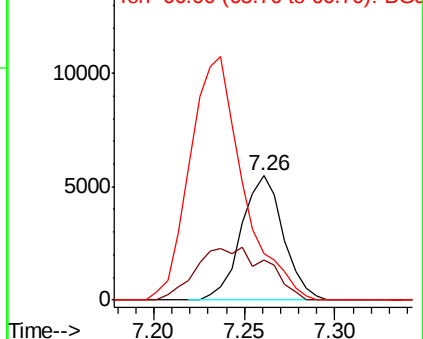
94 100

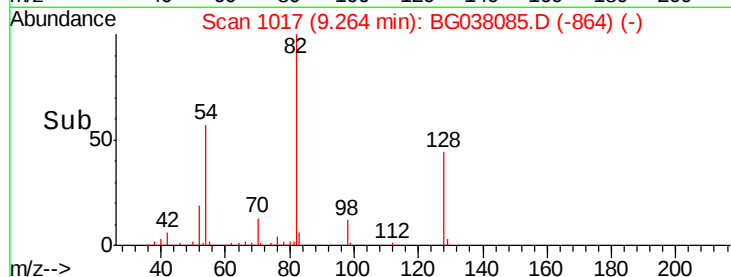
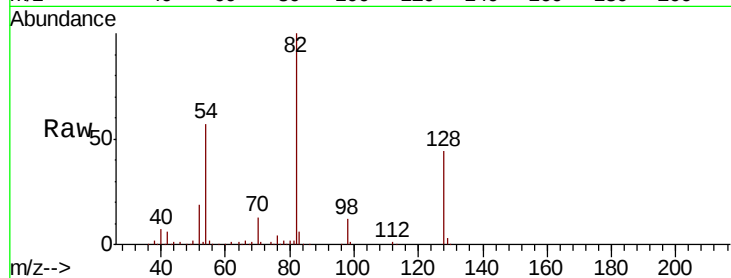
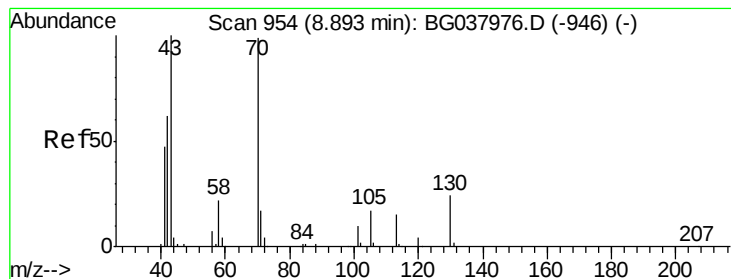
65 31.9 9.7 49.7

66 36.9 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 13.219 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038085.D

Acq: 20 Nov 2018 14:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 33662

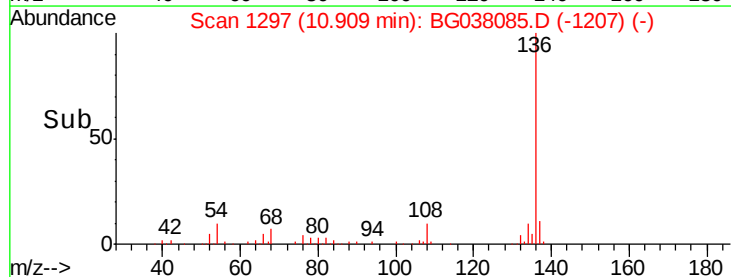
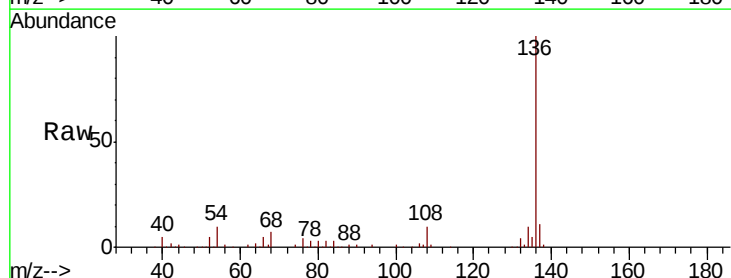
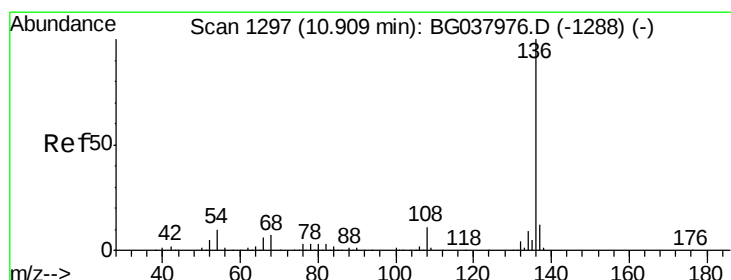
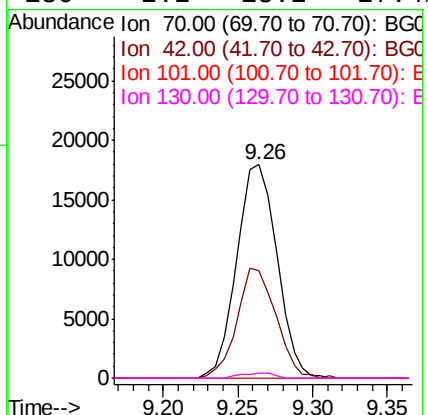
Ion Ratio Lower Upper

70 100

42 50.3 53.9 80.9#

101 0.0 8.2 12.2#

130 2.2 18.2 27.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BG038085.D

Acq: 20 Nov 2018 14:48

Tgt Ion:136 Resp: 183577

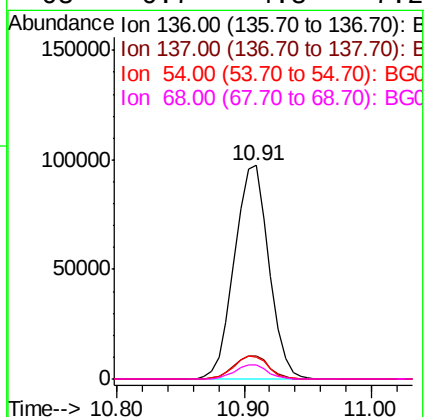
Ion Ratio Lower Upper

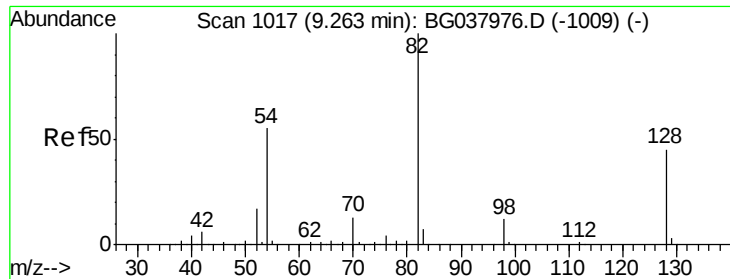
136 100

137 10.8 9.6 14.4

54 10.0 7.9 11.9

68 6.7 4.8 7.2

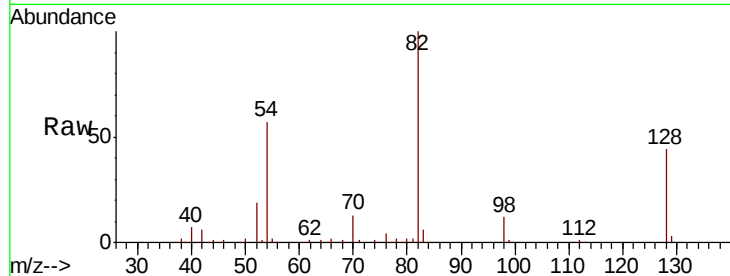




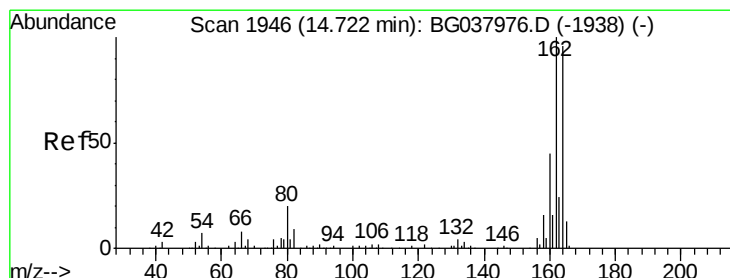
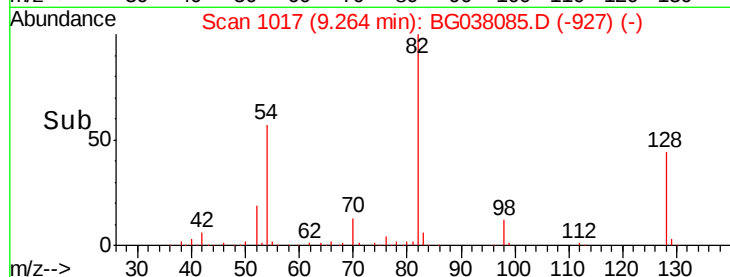
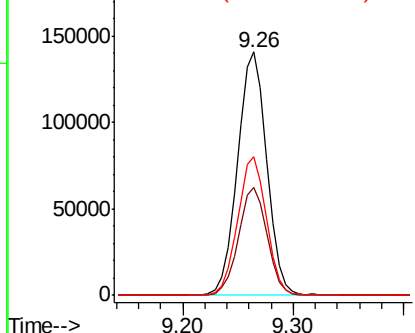
#23
Nitrobenzene-d5
Concen: 76.233 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038085.D
Acq: 20 Nov 2018 14:48

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 261433
Ion Ratio Lower Upper
82 100
128 44.3 34.6 51.8
54 57.1 45.3 67.9

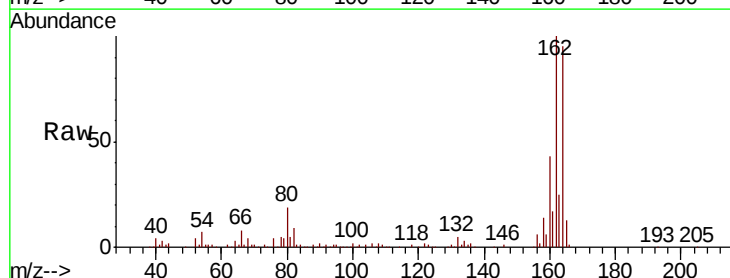


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

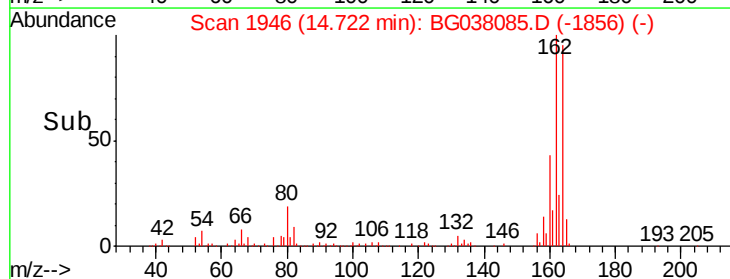
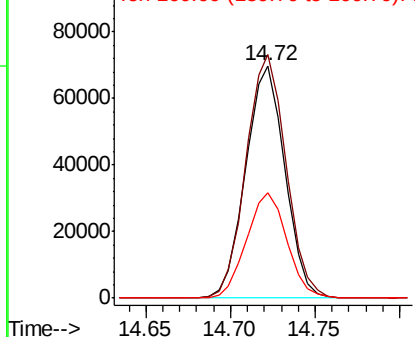


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG038085.D
Acq: 20 Nov 2018 14:48

Tgt Ion:164 Resp: 112657
Ion Ratio Lower Upper
164 100
162 104.8 81.3 121.9
160 45.4 36.3 54.5



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

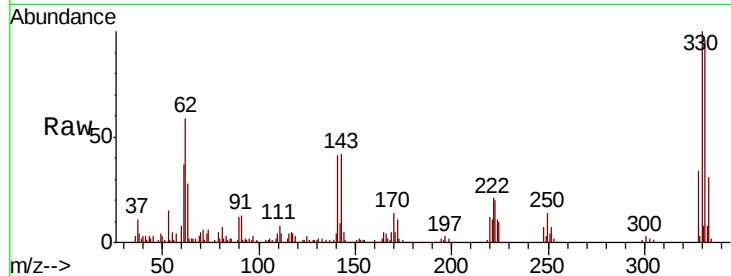




#42
 2,4,6-Tribromophenol
 Concen: 81.147 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038085.D
 Acq: 20 Nov 2018 14:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.4	117.6
141	42.1	32.2	48.2

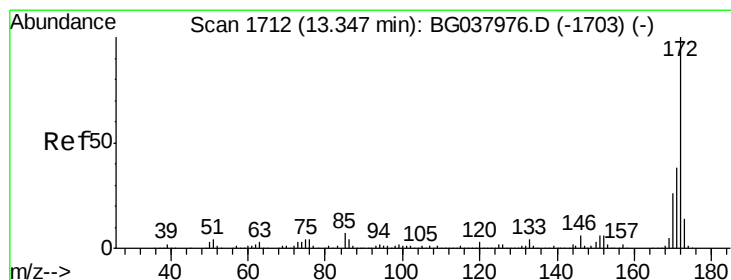
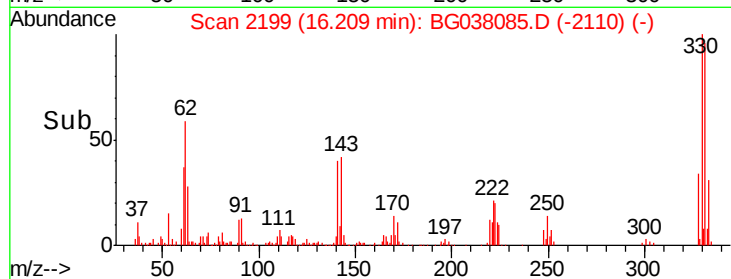
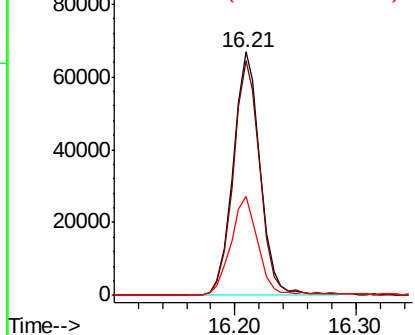


Abundance

Ion 329.80 (329.50 to 330.50): E

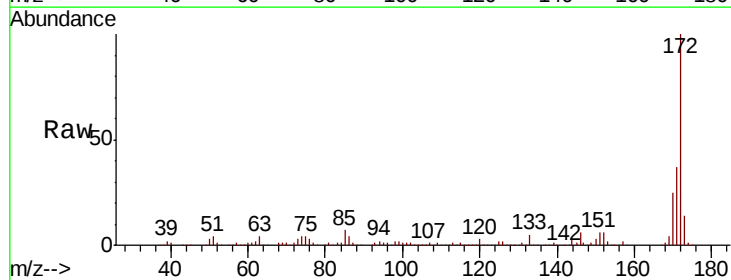
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 80.187 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038085.D
 Acq: 20 Nov 2018 14:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.0	46.4
170	24.9	20.2	30.2

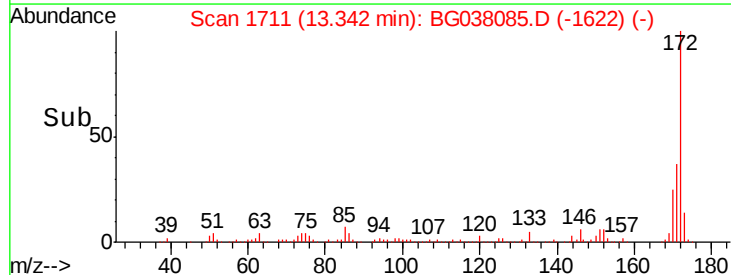
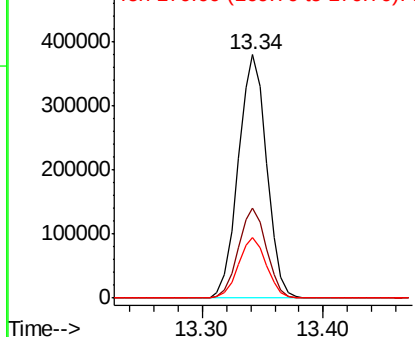


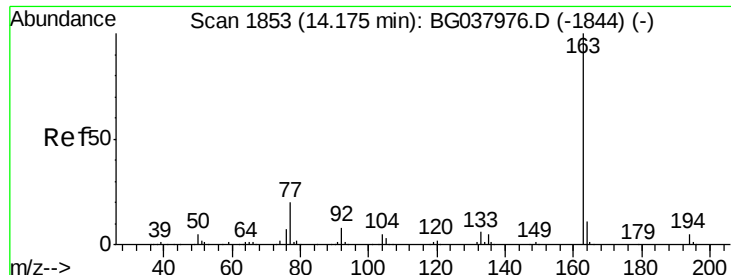
Abundance

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





#50

Dimethylphthalate

Concen: 2.919 ng

RT: 14.16 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038085.D

Acq: 20 Nov 2018 14:48

Instrument :

BNA_G

ClientSampleId :

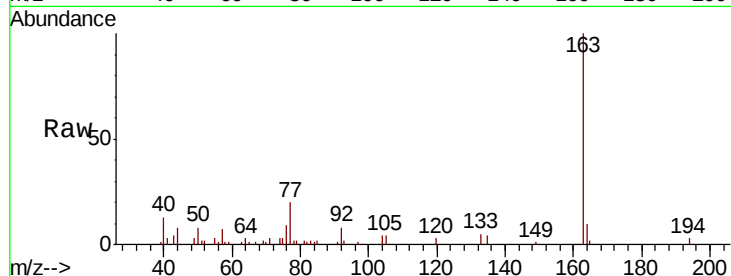
Tot Ion:163 Resp: 26072

Ion Ratio Lower Upper

163 100

194 2.8 3.5 5.3#

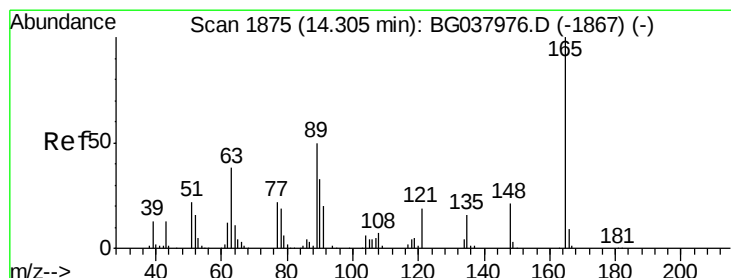
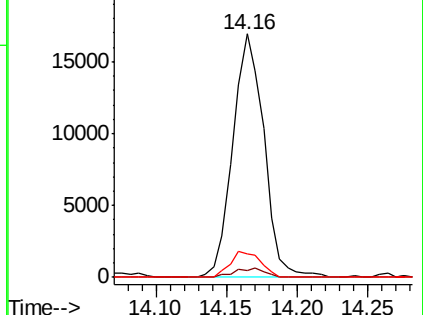
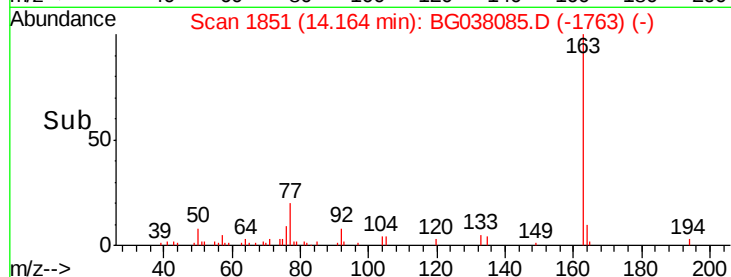
164 9.6 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.674 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.42 min

Lab File: BG038085.D

Acq: 20 Nov 2018 14:48

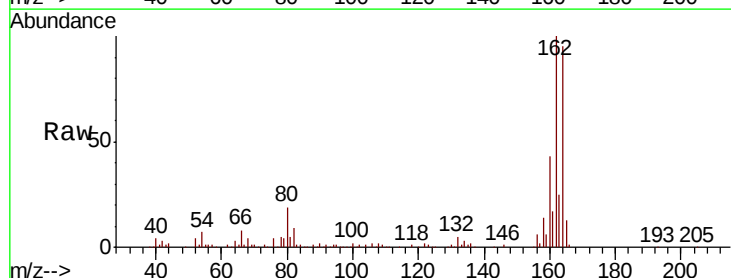
Tgt Ion:165 Resp: 15511

Ion Ratio Lower Upper

165 100

63 2.9 43.4 65.2#

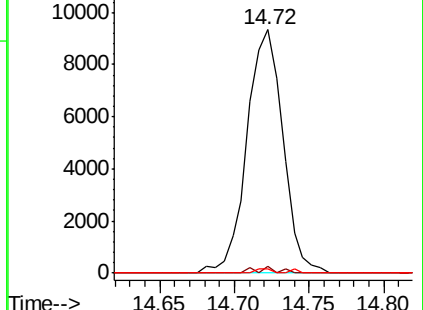
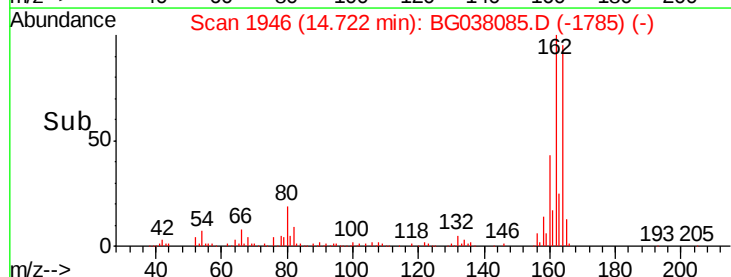
89 1.7 45.8 68.6#

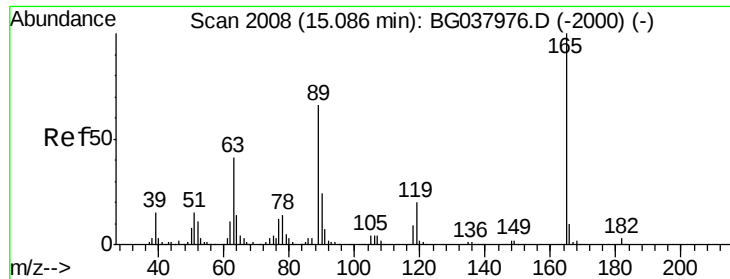


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

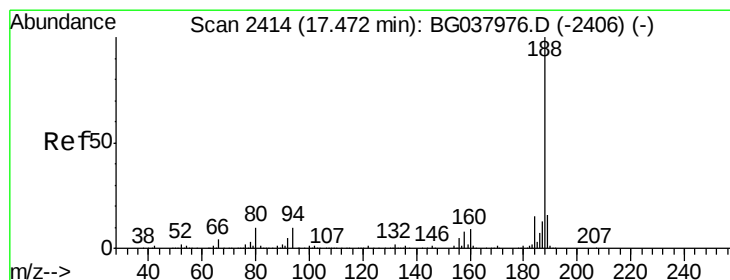
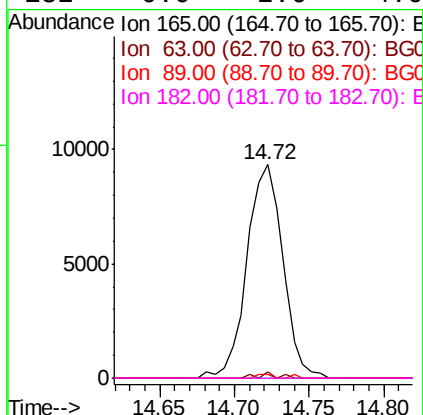
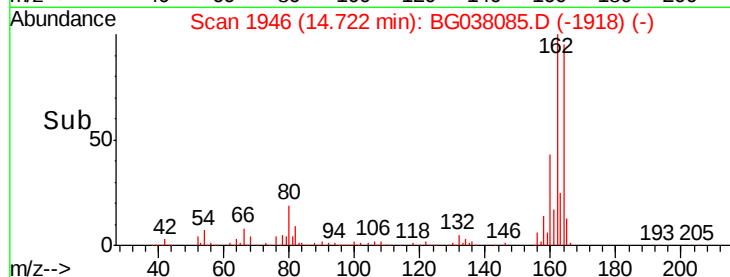
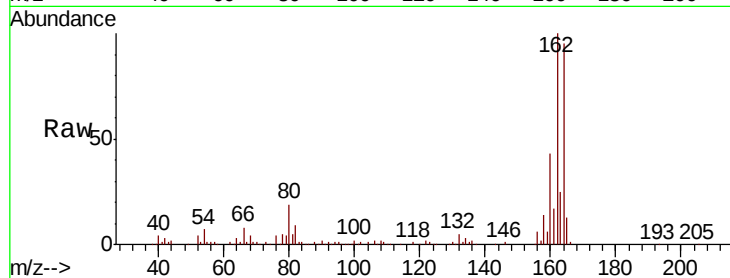




#57
 2,4-Dinitrotoluene
 Concen: 5.640 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038085.D
 Acq: 20 Nov 2018 14:48

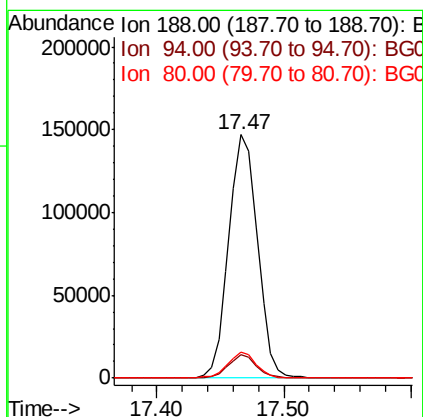
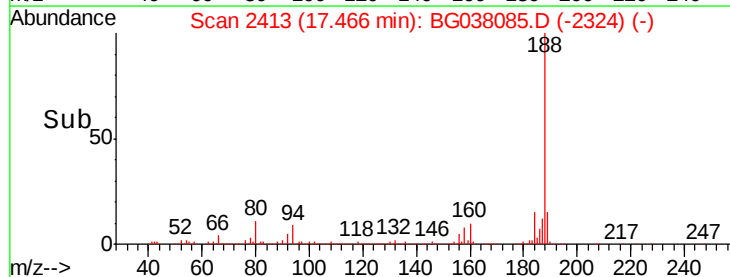
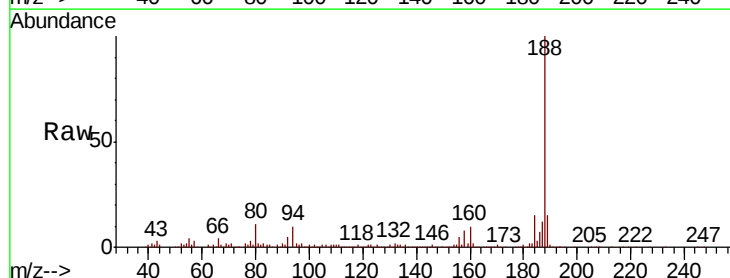
Instrument :
 BNA_G
 ClientSampleId :

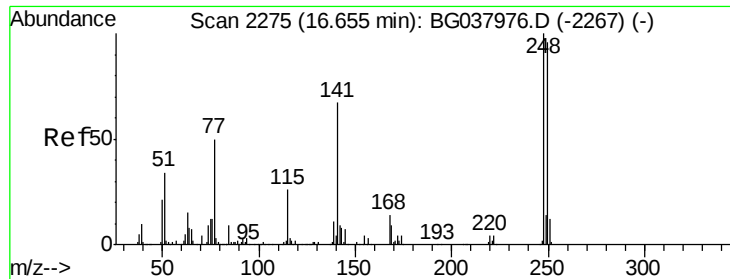
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.9	33.4	50.0#
89	1.7	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038085.D
 Acq: 20 Nov 2018 14:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.9	7.7	11.5

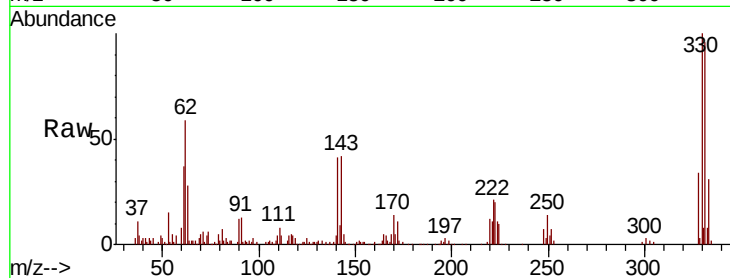




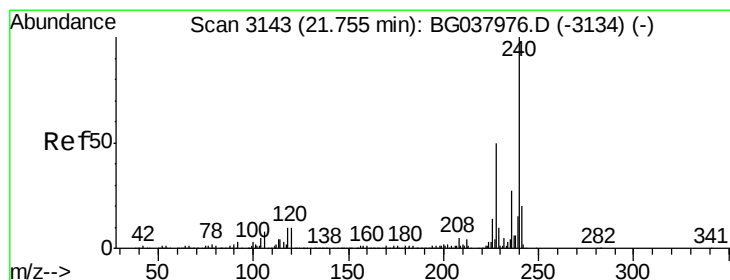
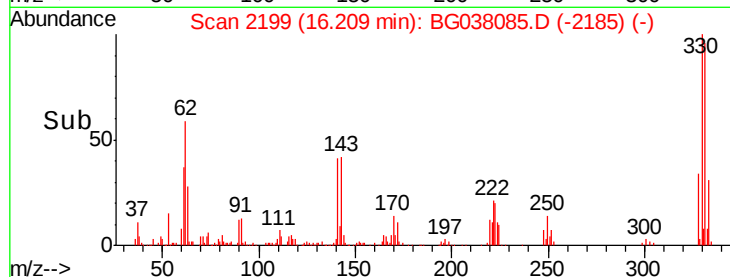
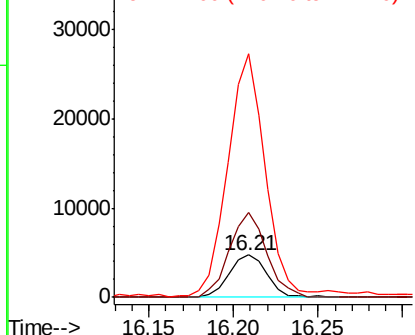
#67
4-Bromophenyl-phenylether
Concen: 2.885 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG038085.D
Acq: 20 Nov 2018 14:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 7327
Ion Ratio Lower Upper
248 100
250 186.5 77.0 115.6#
141 425.8 55.5 83.3#

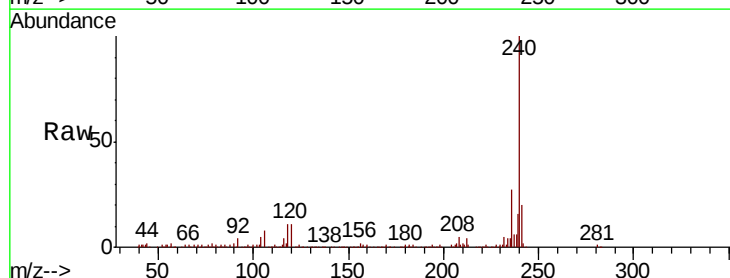


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

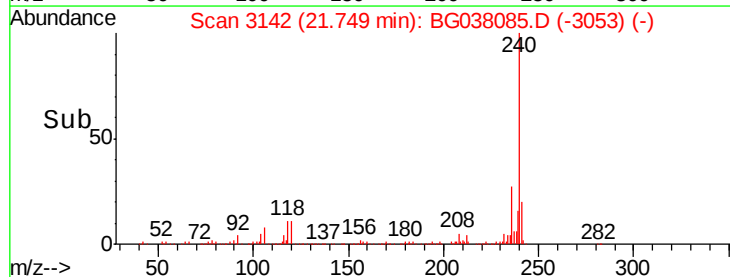
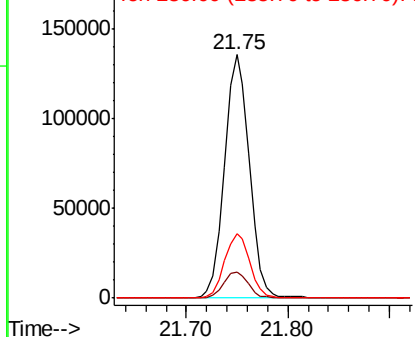


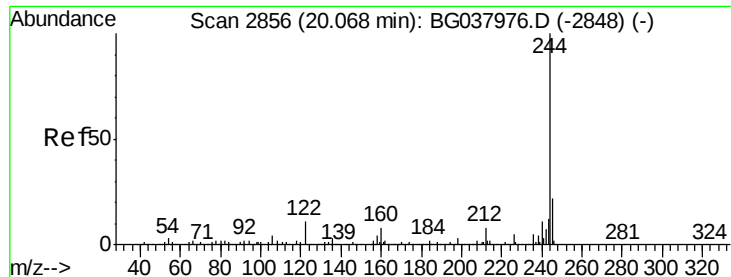
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038085.D
Acq: 20 Nov 2018 14:48

Tgt Ion:240 Resp: 229843
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 26.5 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: 83.049 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038085.D

Acq: 20 Nov 2018 14:48

Instrument :

BNA_G

ClientSampleId :

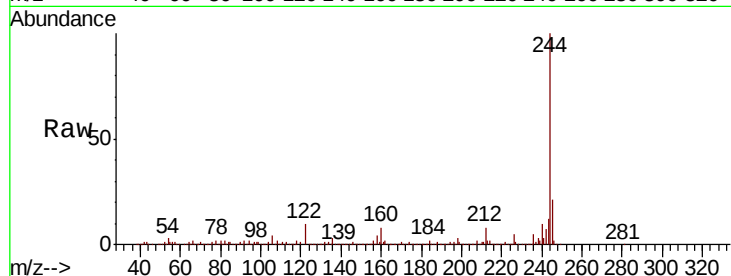
Tot Ion:244 Resp: 811231

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

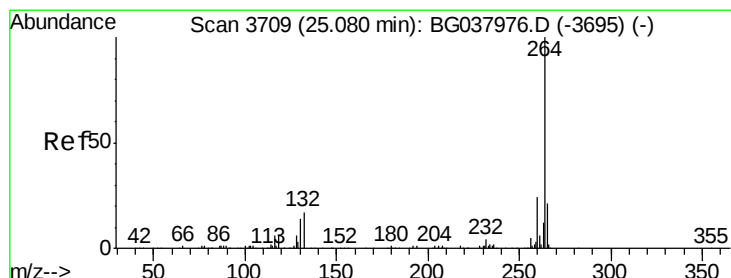
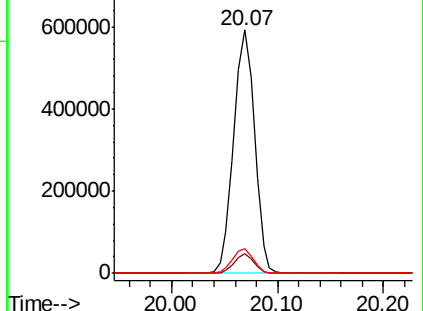
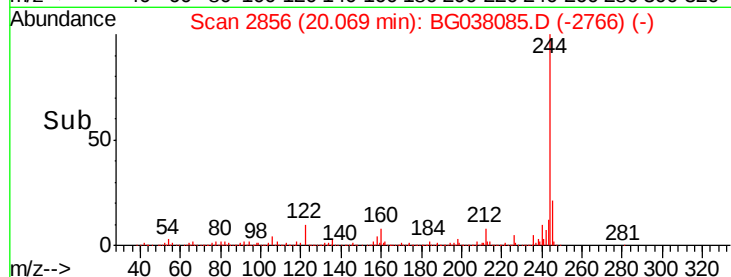
122 10.1 9.0 13.4



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: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038085.D

Acq: 20 Nov 2018 14:48

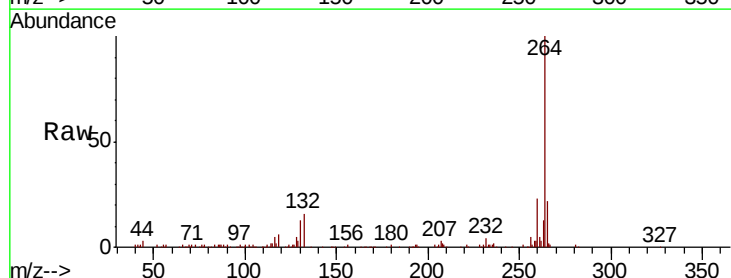
Tgt Ion:264 Resp: 244405

Ion Ratio Lower Upper

264 100

260 22.5 18.2 27.4

265 21.5 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

