

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
 Data File : BG038056.D
 Acq On : 17 Nov 2018 5:48
 Operator : JU/SJ
 Sample : J5968-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 19 05:45:09 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	51047	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	217176	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	137476	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	309405	20.00	ng	0.00
76) Chrysene-d12	21.75	240	292173	20.00	ng	0.00
87) Perylene-d12	25.07	264	298730	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	139672	47.24	ng	0.00
7) Phenol-d6	7.23	99	119964	28.43	ng	0.00
23) Nitrobenzene-d5	9.26	82	315961	77.88	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	162733	103.79	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	718470	76.14	ng	0.00
79) Terphenyl-d14	20.07	244	1003114	80.79	ng	0.00

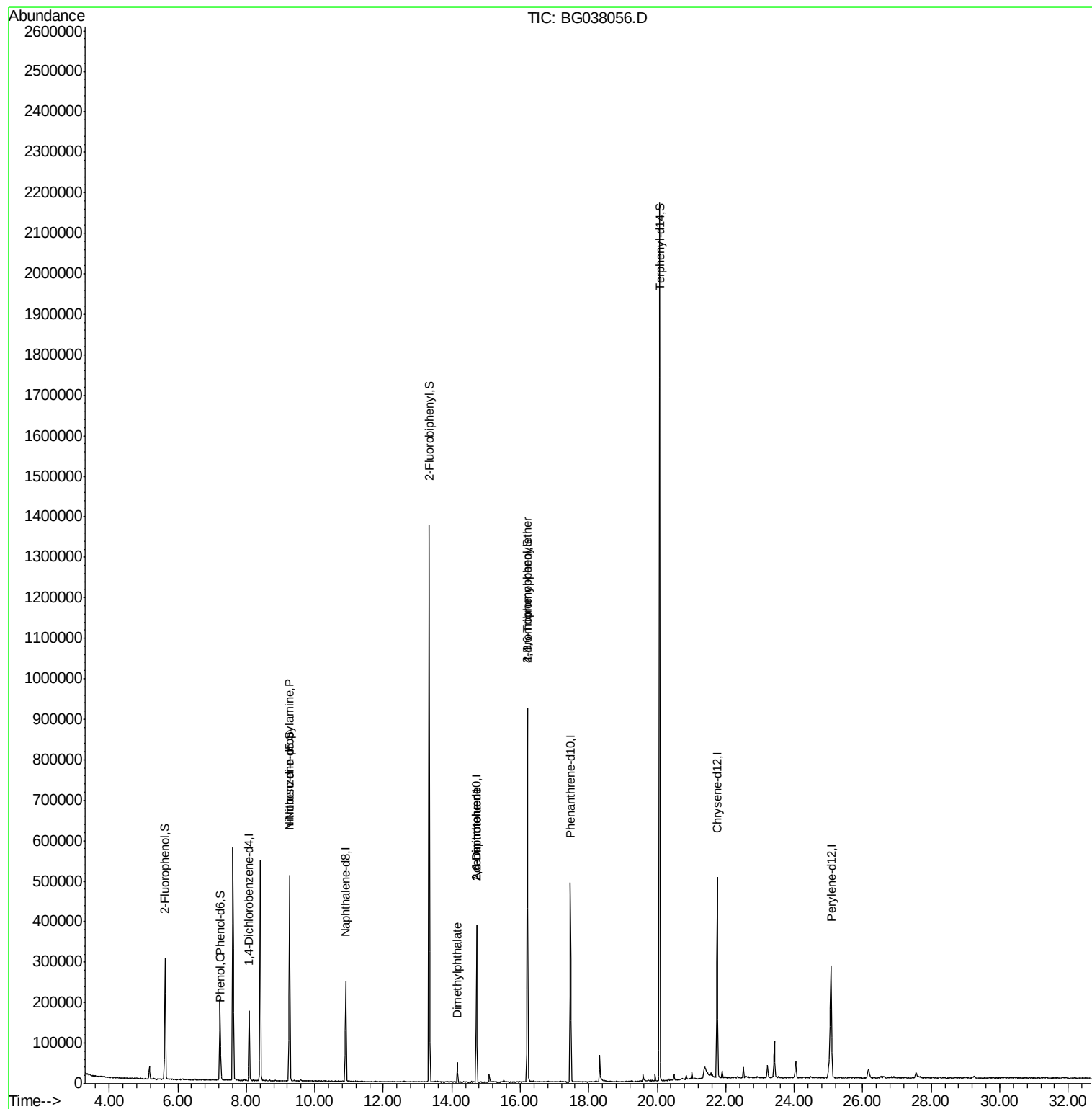
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.25	94	21762	4.868	ng	97
19) n-Nitroso-di-n-propylamine	9.26	70	40804	13.362	ng	# 71
50) Dimethylphthalate	14.16	163	32832	3.012	ng	# 98
51) 2,6-Dinitrotoluene	14.72	165	17999	7.297	ng	# 27
57) 2,4-Dinitrotoluene	14.72	165	17999	5.363	ng	# 26
67) 4-Bromophenyl-phenylether	16.21	248	11869	3.495	ng	# 1

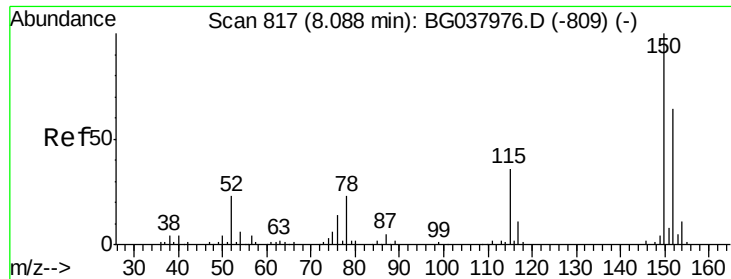
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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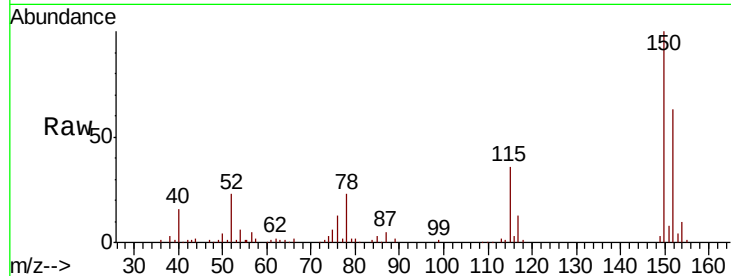


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG038056.D
 Acq: 17 Nov 2018 5:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.0	189.0
115	56.8	45.5	68.3

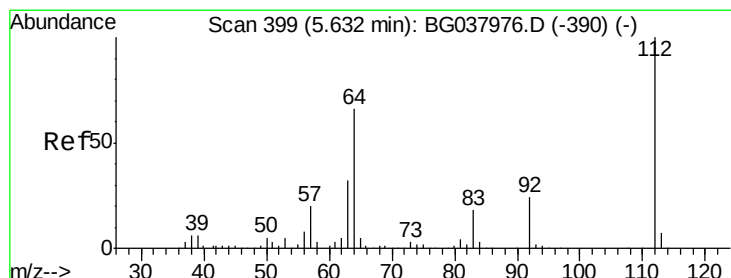
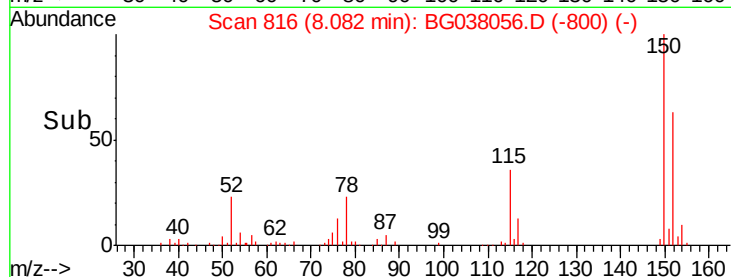
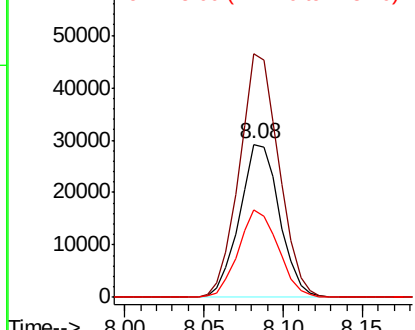


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

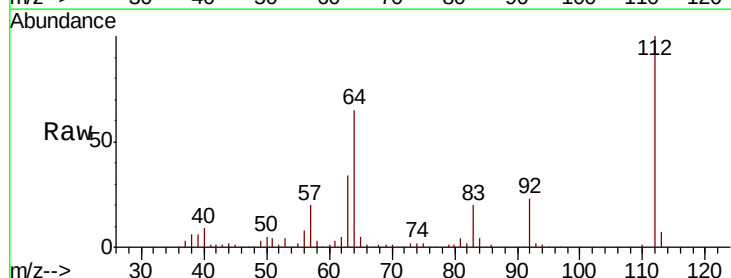
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 47.241 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BG038056.D
 Acq: 17 Nov 2018 5:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	53.1	79.7
63	33.9	27.3	40.9

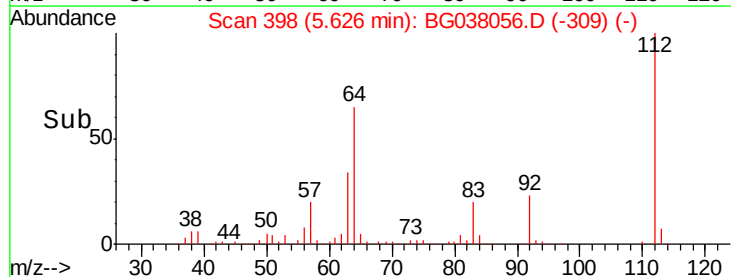
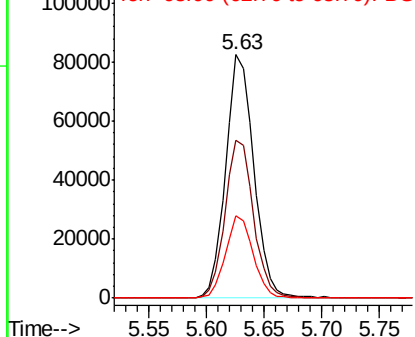


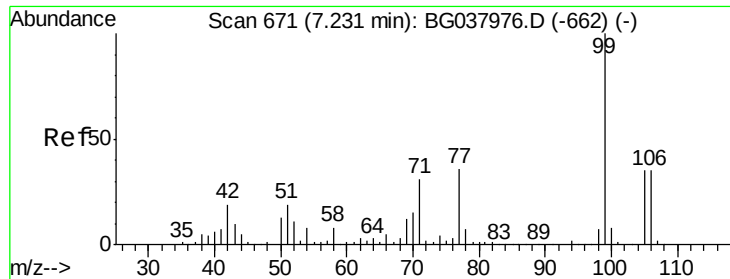
Abundance

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: 28.425 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038056.D

Acq: 17 Nov 2018 5:48

Instrument :

BNA_G

ClientSampleId :

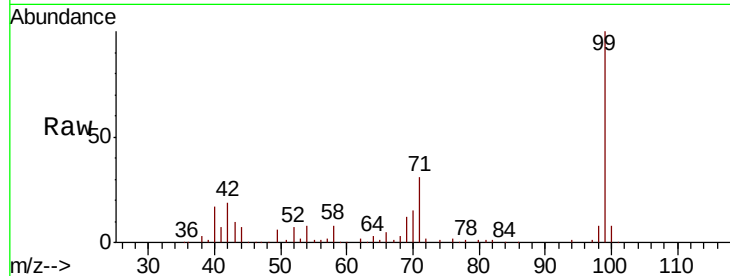
Tot Ion: 99 Resp: 119964

Ion Ratio Lower Upper

99 100

42 19.1 15.0 22.4

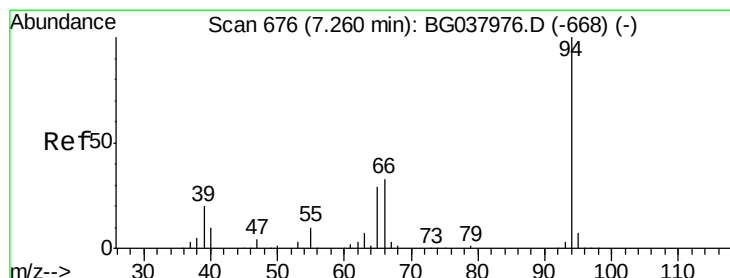
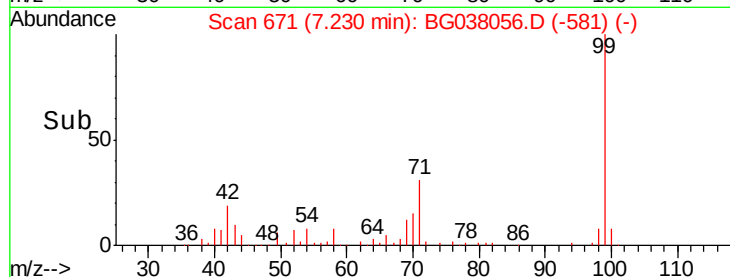
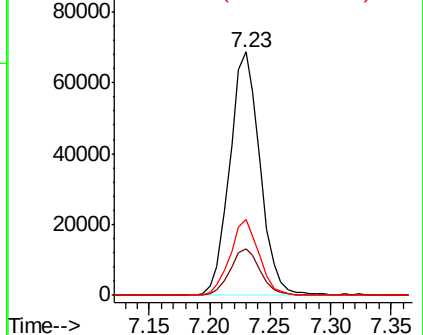
71 31.2 25.5 38.3



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: 4.868 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038056.D

Acq: 17 Nov 2018 5:48

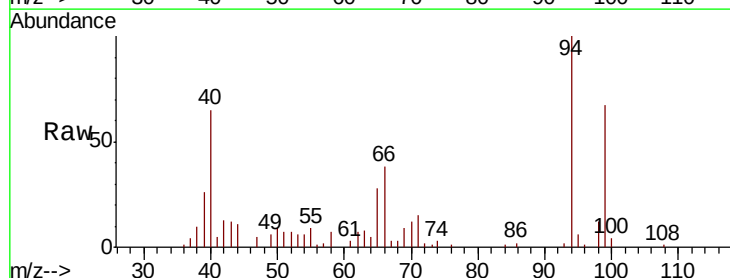
Tgt Ion: 94 Resp: 21762

Ion Ratio Lower Upper

94 100

65 28.0 9.7 49.7

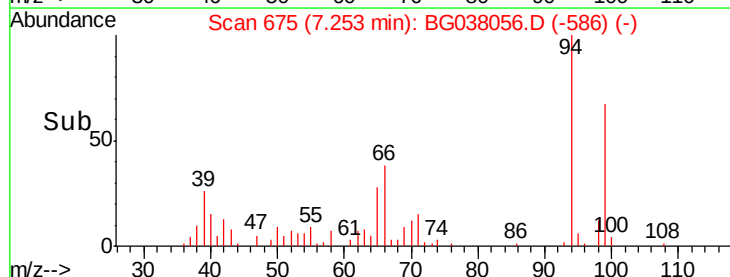
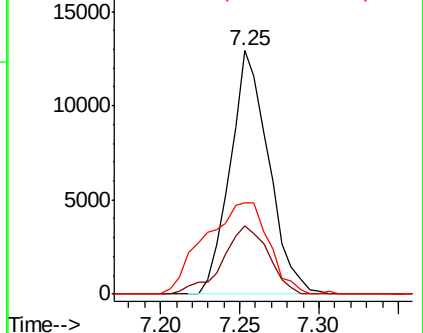
66 37.6 15.9 55.9

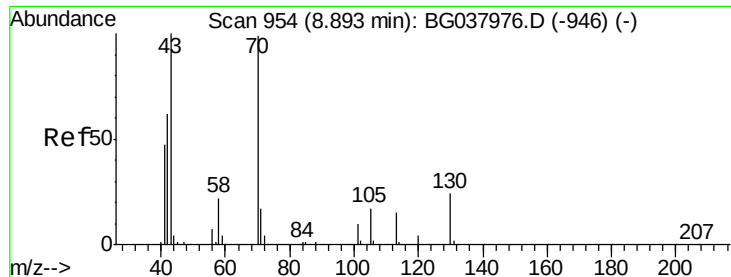


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

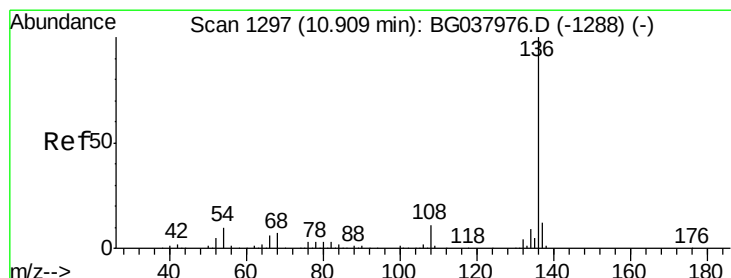
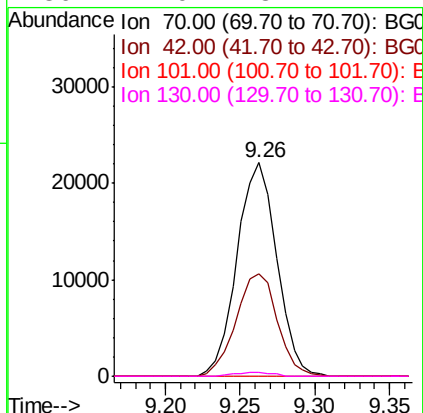
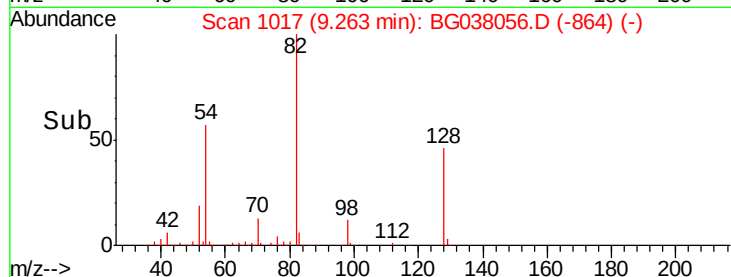
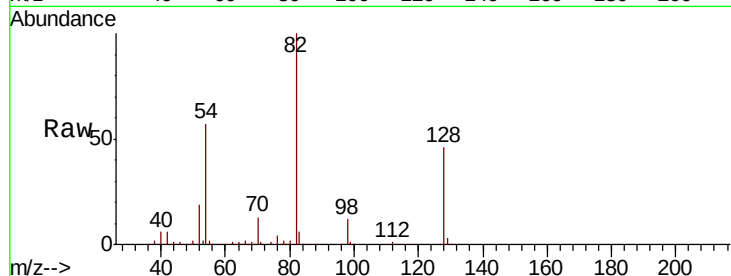




#19
n-Nitroso-di-n-propylamine
Concen: 13.362 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG038056.D
Acq: 17 Nov 2018 5:48

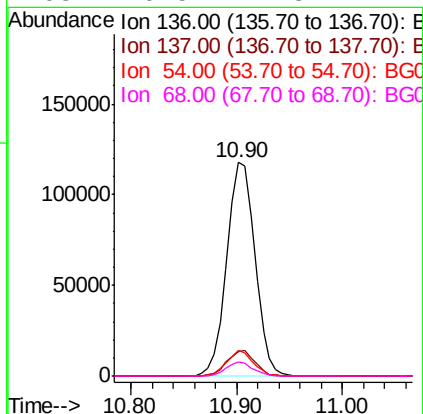
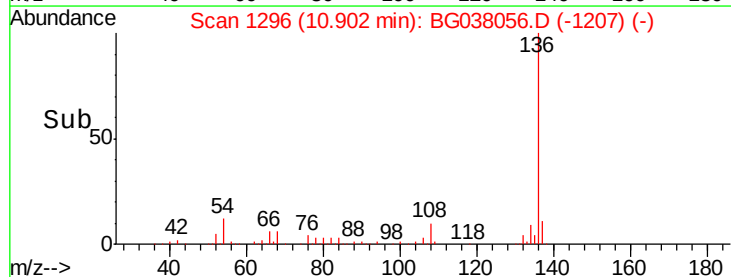
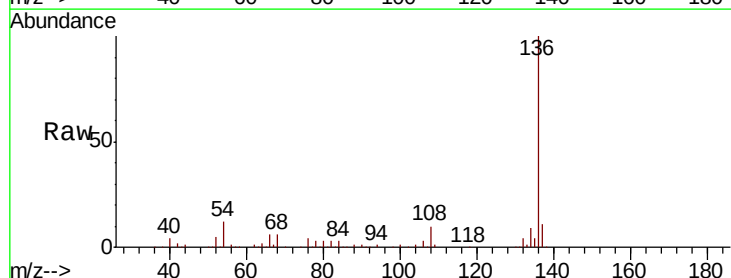
Instrument :
BNA_G
ClientSampleId :

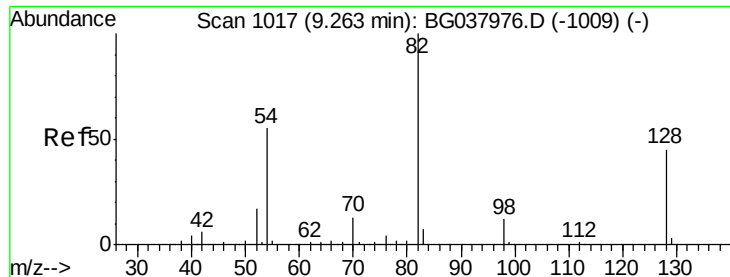
Tot Ion: 70 Resp: 40804
Ion Ratio Lower Upper
70 100
42 48.1 53.9 80.9#
101 0.0 8.2 12.2#
130 2.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038056.D
Acq: 17 Nov 2018 5:48

Tgt Ion: 136 Resp: 217176
Ion Ratio Lower Upper
136 100
137 11.2 9.6 14.4
54 11.7 7.9 11.9
68 6.5 4.8 7.2

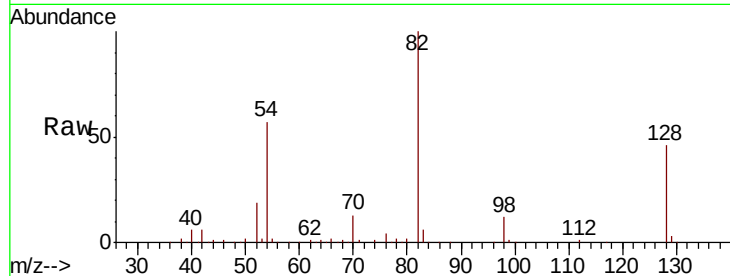




#23
Nitrobenzene-d5
Concen: 77.879 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038056.D
Acq: 17 Nov 2018 5:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82.00	Resp	315961
Ion Ratio	Lower	Upper	
82	100		
128	45.6	34.6	51.8
54	57.4	45.3	67.9

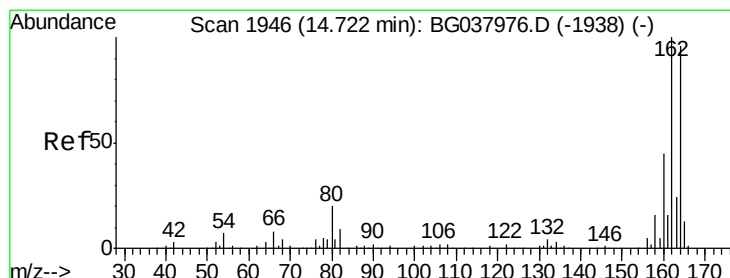
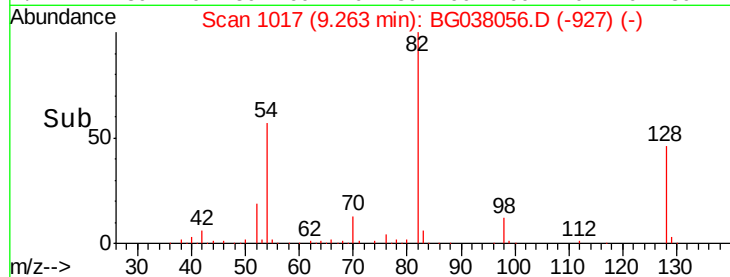
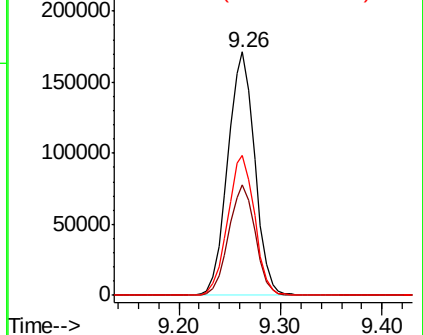


Abundance

Ion 82.00 (81.70 to 82.70): BGC

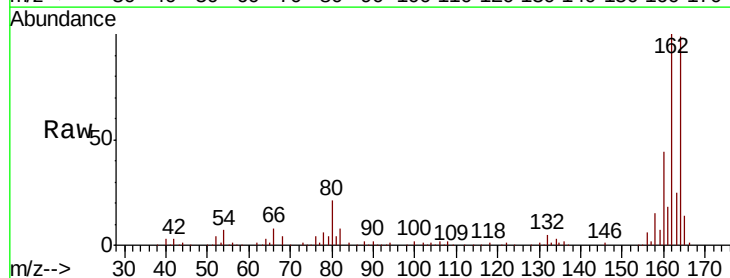
Ion 128.00 (127.70 to 128.70): BGC

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: BG038056.D
Acq: 17 Nov 2018 5:48

Tgt Ion	164.00	Resp	137476
Ion Ratio	Lower	Upper	
164	100		
162	100.8	81.3	121.9
160	44.4	36.3	54.5

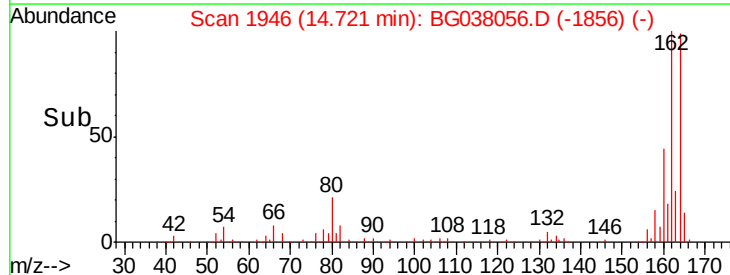
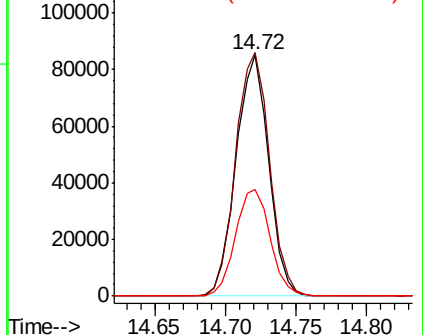


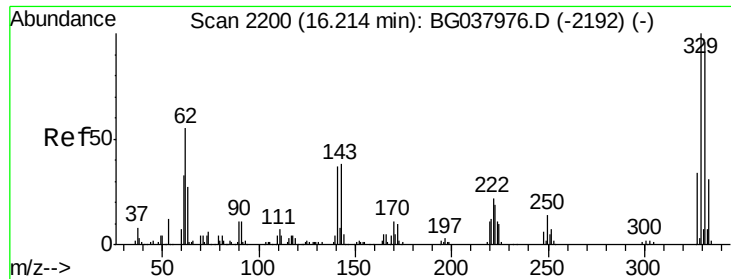
Abundance

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: 103.792 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038056.D

Acq: 17 Nov 2018 5:48

Instrument :

BNA_G

ClientSampled :

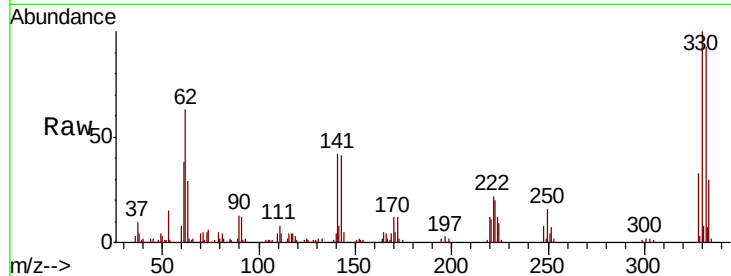
Tot Ion:330 Resp: 162733

Ion Ratio Lower Upper

330 100

332 94.3 78.4 117.6

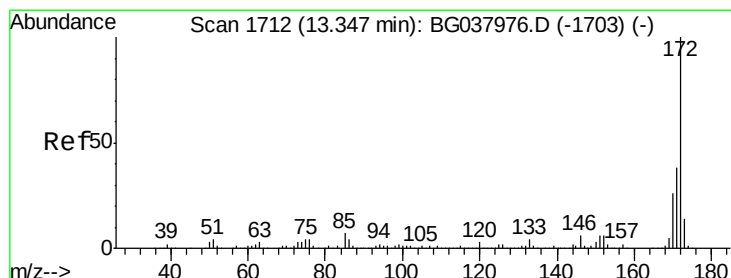
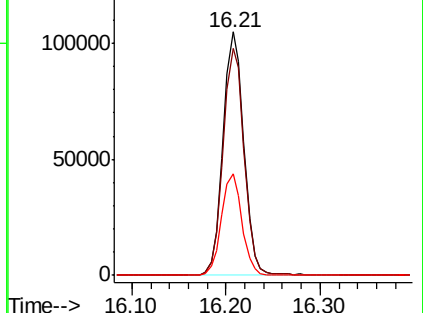
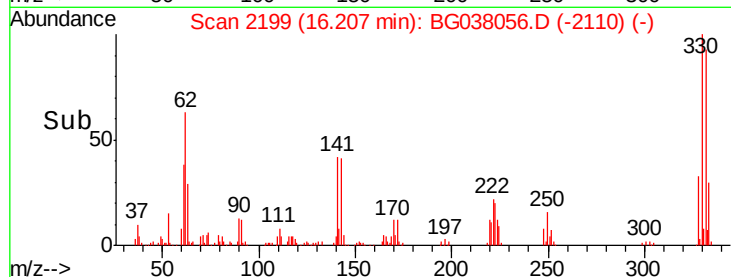
141 41.2 32.2 48.2



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: 76.137 ng

RT: 13.34 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BG038056.D

Acq: 17 Nov 2018 5:48

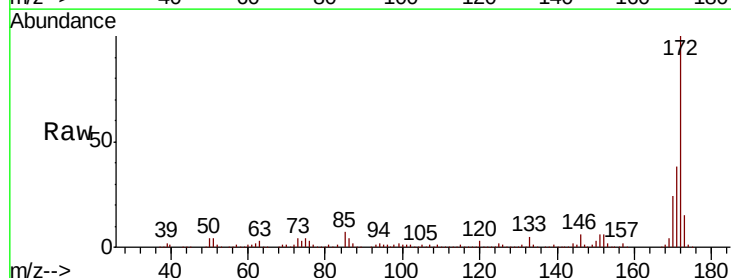
Tgt Ion:172 Resp: 718470

Ion Ratio Lower Upper

172 100

171 37.8 31.0 46.4

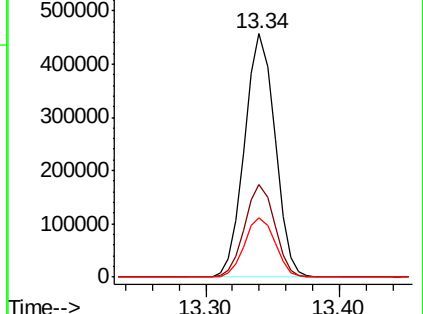
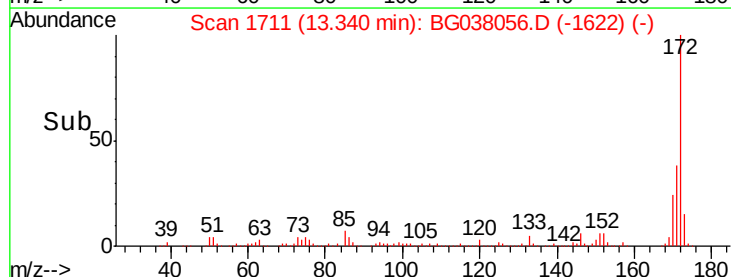
170 24.2 20.2 30.2

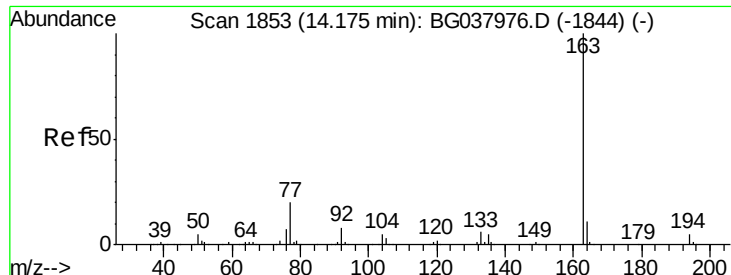


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.012 ng

RT: 14.16 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038056.D

Acq: 17 Nov 2018 5:48

Instrument :

BNA_G

ClientSampled :

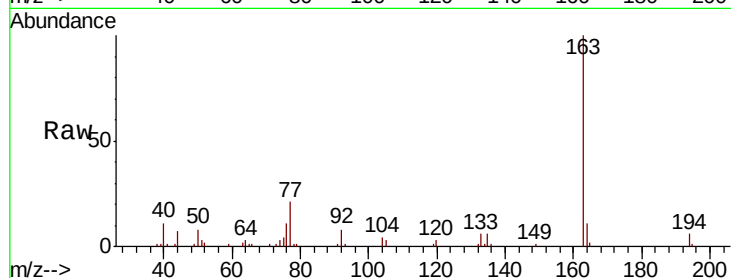
Tot Ion:163 Resp: 32832

Ion Ratio Lower Upper

163 100

194 5.5 3.5 5.3#

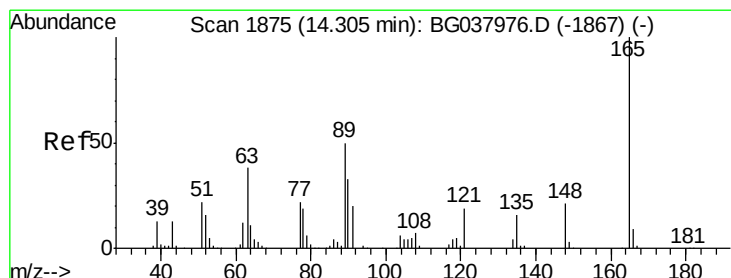
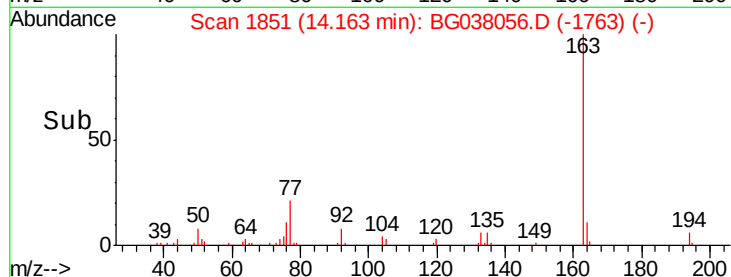
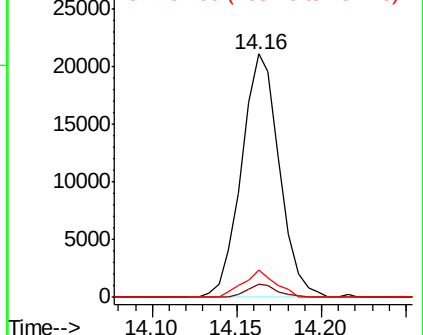
164 11.0 8.5 12.7



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: 7.297 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.42 min

Lab File: BG038056.D

Acq: 17 Nov 2018 5:48

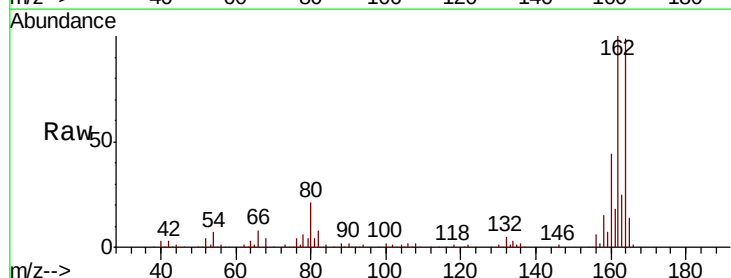
Tgt Ion:165 Resp: 17999

Ion Ratio Lower Upper

165 100

63 1.5 43.4 65.2#

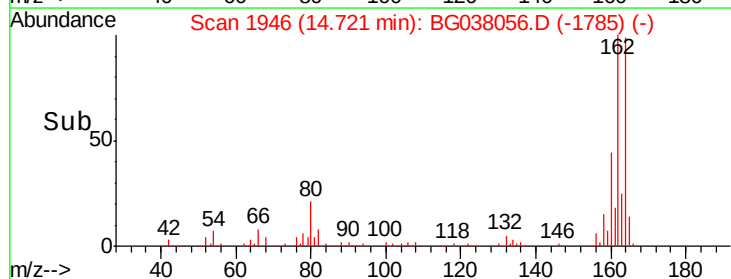
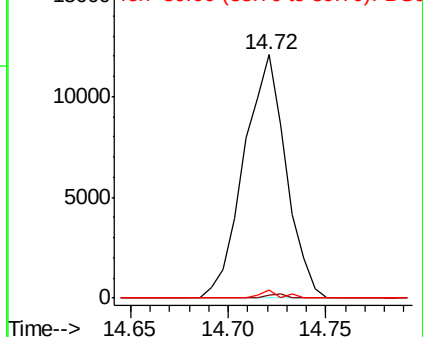
89 3.1 45.8 68.6#

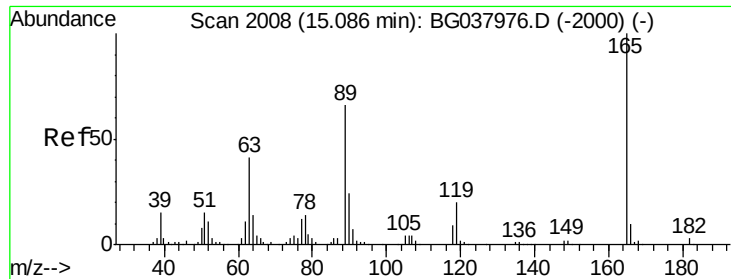


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

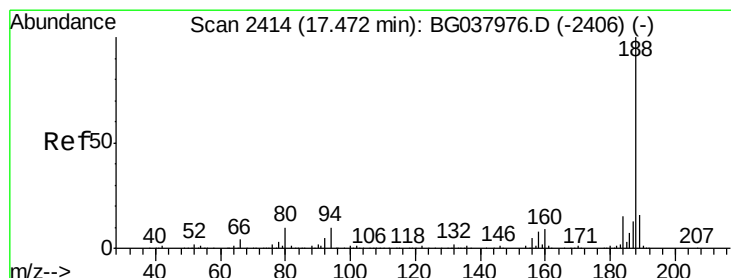
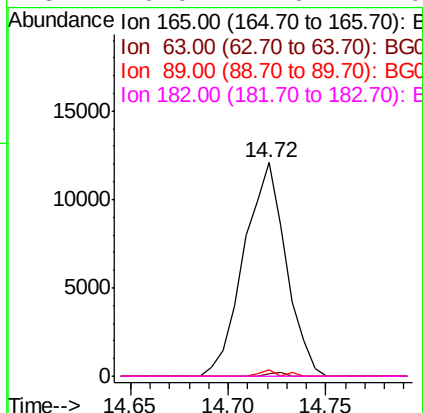
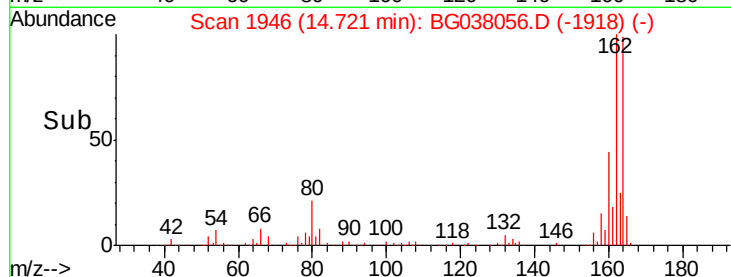
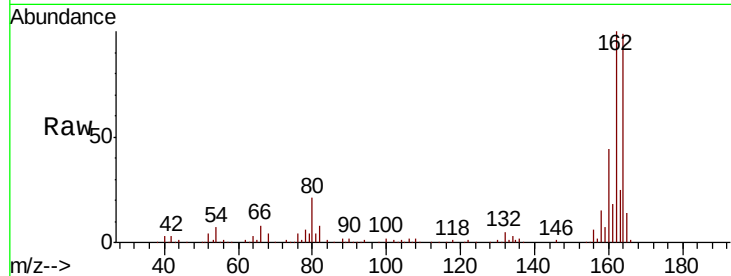




#57
 2,4-Dinitrotoluene
 Concen: 5.363 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.37 min
 Lab File: BG038056.D
 Acq: 17 Nov 2018 5:48

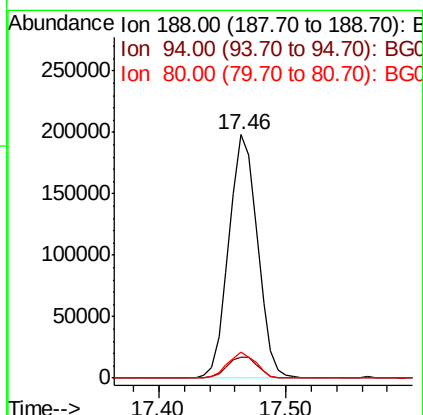
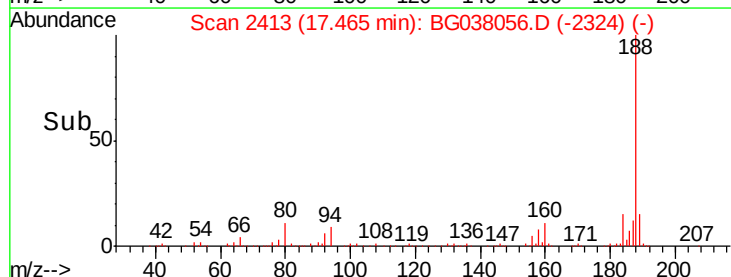
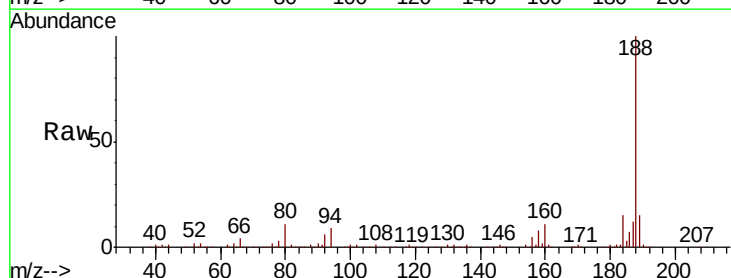
Instrument :
 BNA_G
 ClientSampleId :

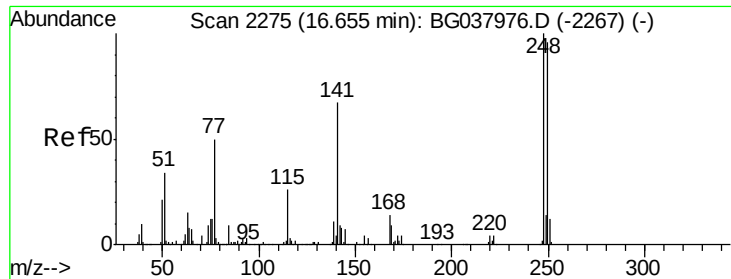
Tot Ion:	165	Resp:	17999
Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.4	50.0#
89	3.1	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038056.D
 Acq: 17 Nov 2018 5:48

Tgt Ion:	188	Resp:	309405
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	10.5	7.7	11.5

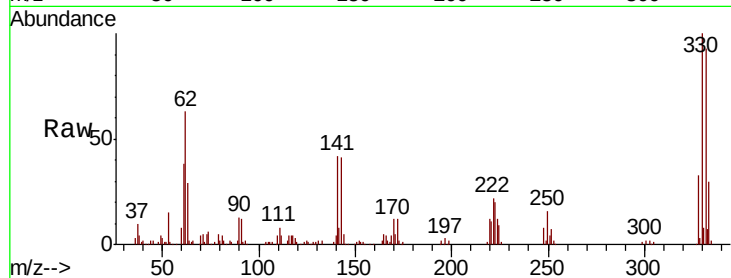




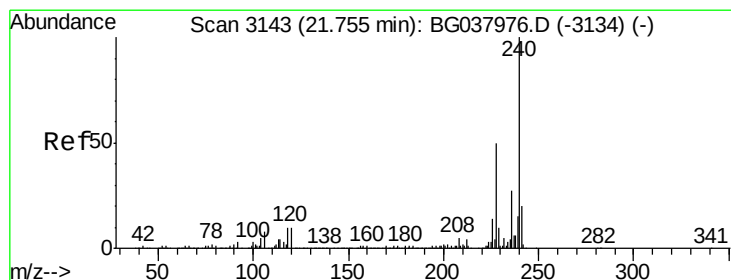
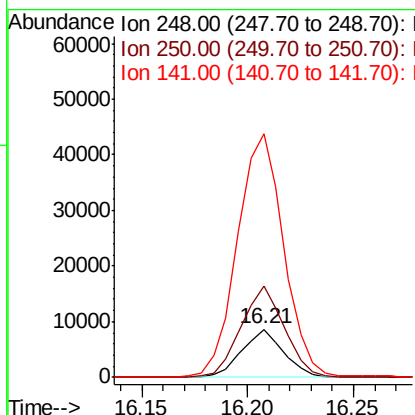
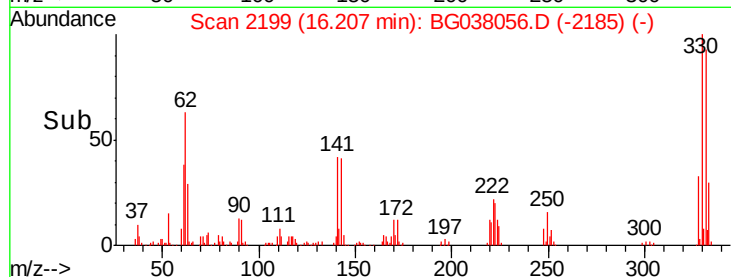
#67
4-Bromophenyl-phenylether
Concen: 3.495 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG038056.D
Acq: 17 Nov 2018 5:48

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 11869
Ion Ratio Lower Upper
248 100
250 188.5 77.0 115.6#
141 394.6 55.5 83.3#

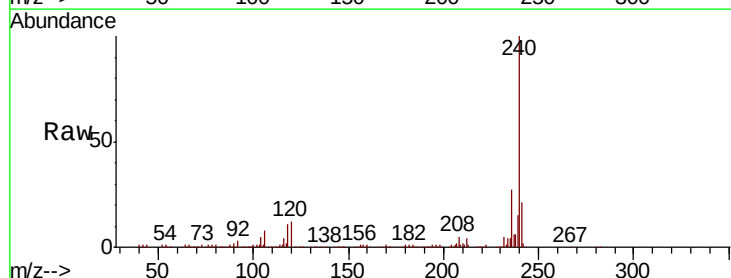


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

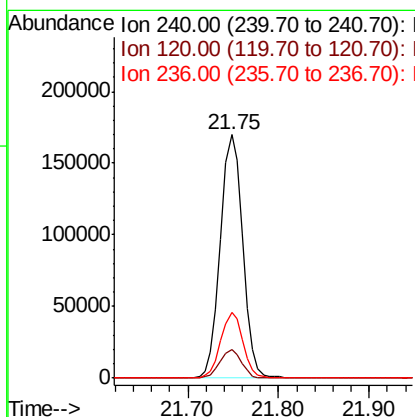
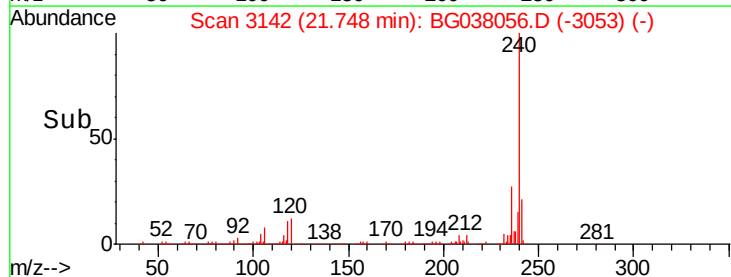


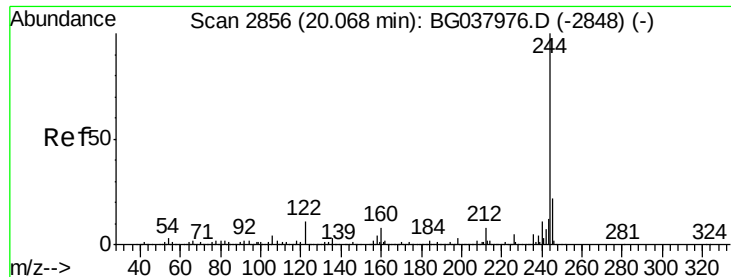
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038056.D
Acq: 17 Nov 2018 5:48

Tgt Ion:240 Resp: 292173
Ion Ratio Lower Upper
240 100
120 11.7 8.1 12.1
236 27.2 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: 80.786 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038056.D

Acq: 17 Nov 2018 5:48

Instrument :

BNA_G

ClientSampled :

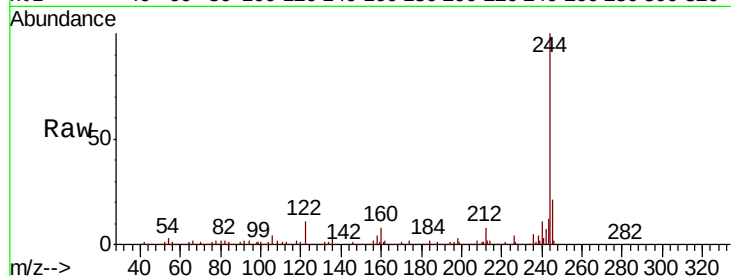
Tot Ion:244 Resp: 1003114

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

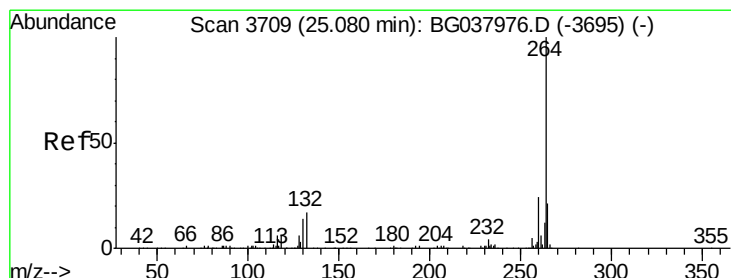
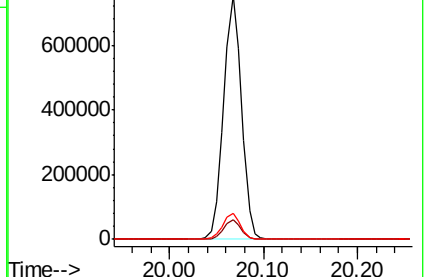
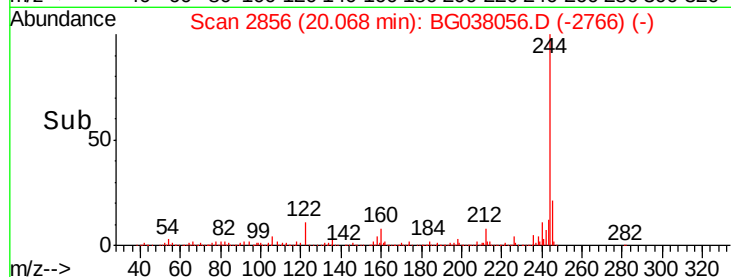
122 10.6 9.0 13.4



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: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038056.D

Acq: 17 Nov 2018 5:48

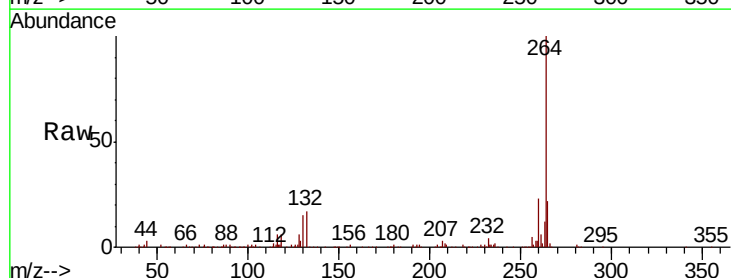
Tgt Ion:264 Resp: 298730

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

265 21.6 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

