

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
 Data File : BG038224.D
 Acq On : 29 Nov 2018 7:53
 Operator : JU/SJ
 Sample : J6069-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 29 10:19:43 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

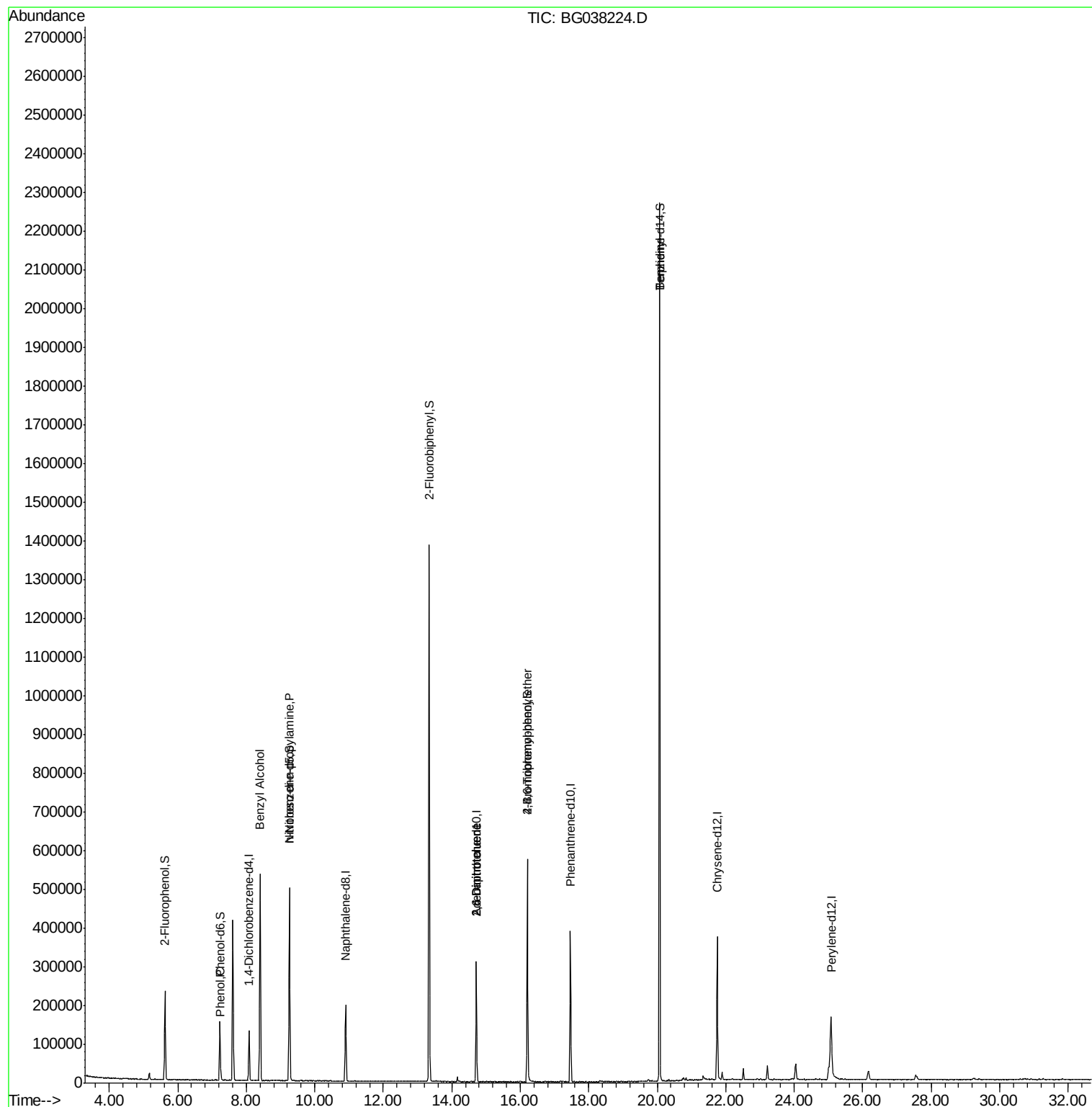
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	37166	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	175005	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	111585	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	248480	20.00	ng	0.00
76) Chrysene-d12	21.75	240	241554	20.00	ng	0.00
87) Perylene-d12	25.07	264	227035	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	103123	47.91	ng	0.00
7) Phenol-d6	7.23	99	92776	30.19	ng	0.00
23) Nitrobenzene-d5	9.26	82	315306	96.45	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	113988	89.57	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	731735	95.54	ng	0.00
79) Terphenyl-d14	20.07	244	1045066	101.80	ng	0.00
Target Compounds						
10) Phenol	7.25	94	8633	2.652	ng	89
15) Benzyl Alcohol	8.41	79	4523	2.034	ng	# 44
19) n-Nitroso-di-n-propylamine	9.26	70	41094	18.483	ng	# 78
51) 2,6-Dinitrotoluene	14.72	165	14745	7.365	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	14745	5.413	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	7916	2.903	ng	# 1
77) Benzidine	20.07	184	18264	2.155	ng	# 95

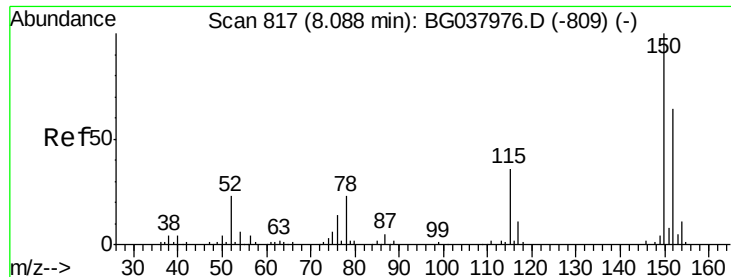
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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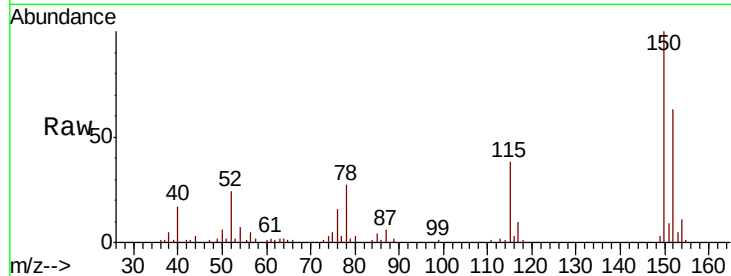


#1

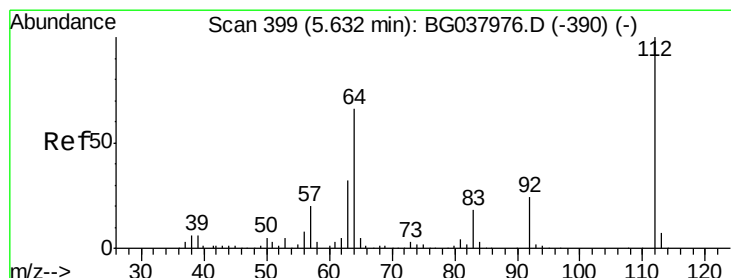
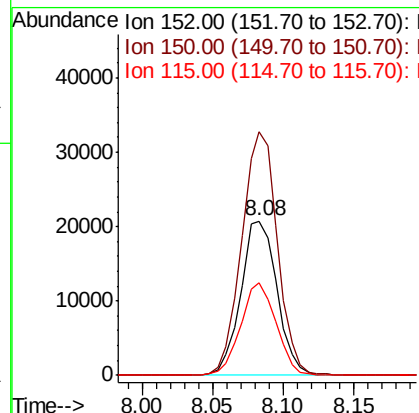
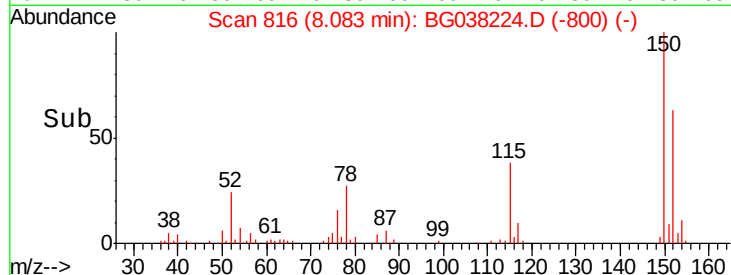
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038224.D
Acq: 29 Nov 2018 7:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 37166
Ion Ratio Lower Upper
152 100
150 157.6 126.0 189.0
115 60.0 45.5 68.3



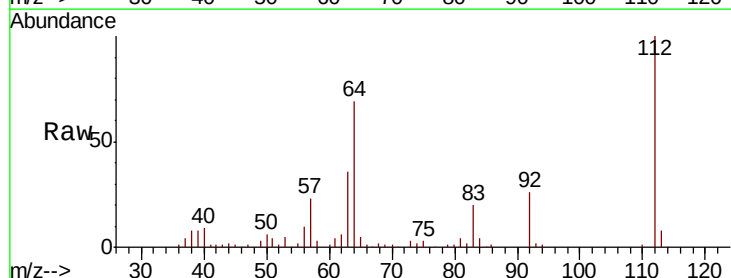
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



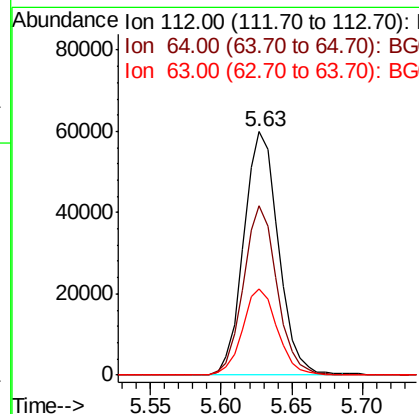
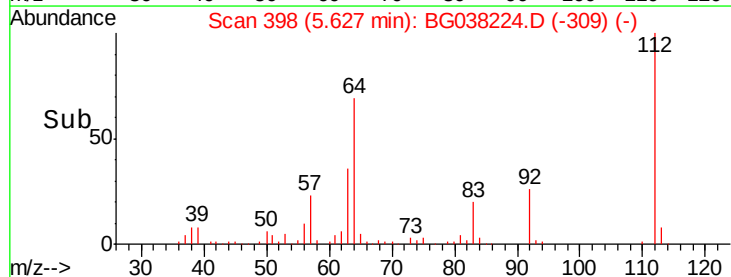
#5

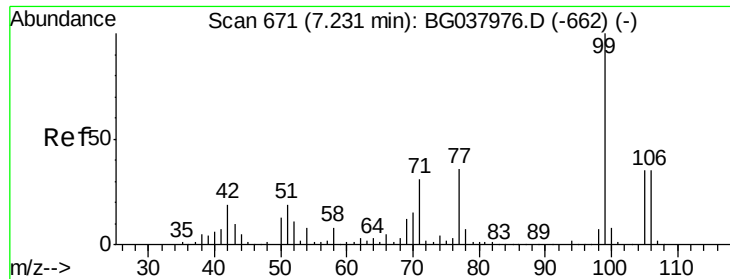
2-Fluorophenol
Concen: 47.906 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038224.D
Acq: 29 Nov 2018 7:53

Tgt Ion:112 Resp: 103123
Ion Ratio Lower Upper
112 100
64 69.4 53.1 79.7
63 35.6 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: 30.194 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038224.D

Acq: 29 Nov 2018 7:53

Instrument :

BNA_G

ClientSampleId :

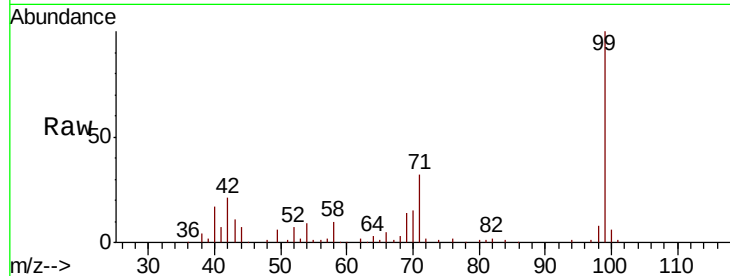
Tot Ion: 99 Resp: 92776

Ion Ratio Lower Upper

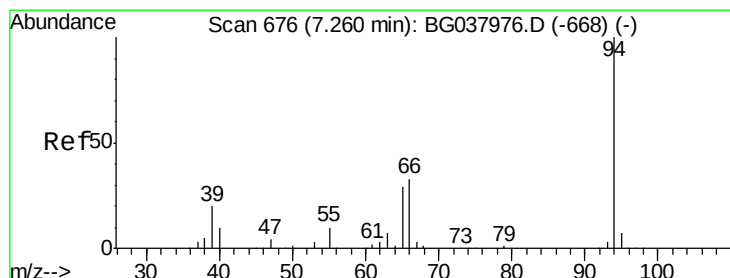
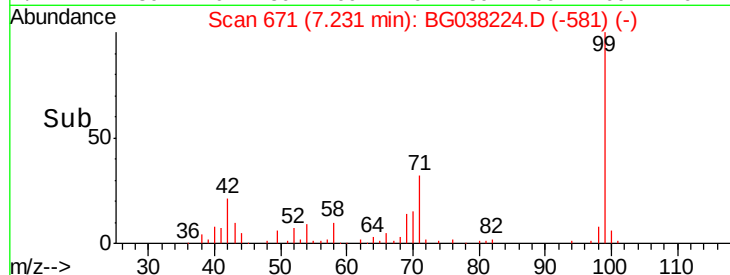
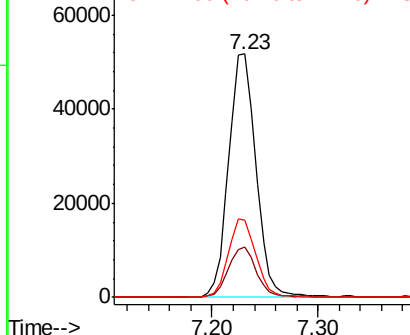
99 100

42 20.5 15.0 22.4

71 31.8 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: 2.652 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038224.D

Acq: 29 Nov 2018 7:53

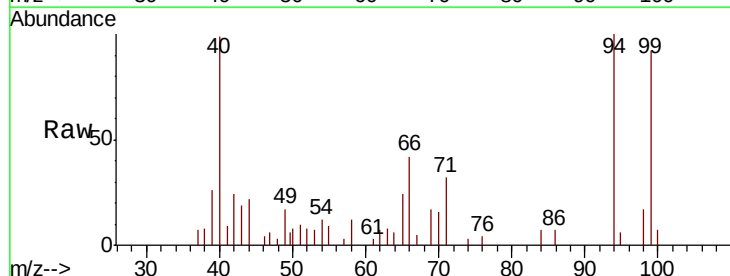
Tgt Ion: 94 Resp: 8633

Ion Ratio Lower Upper

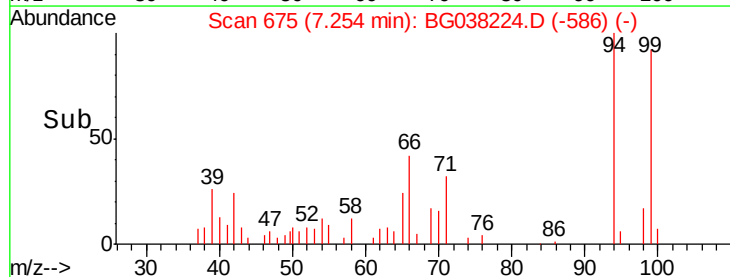
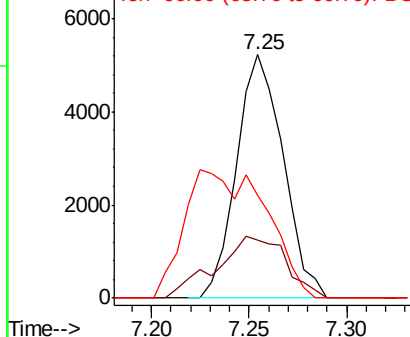
94 100

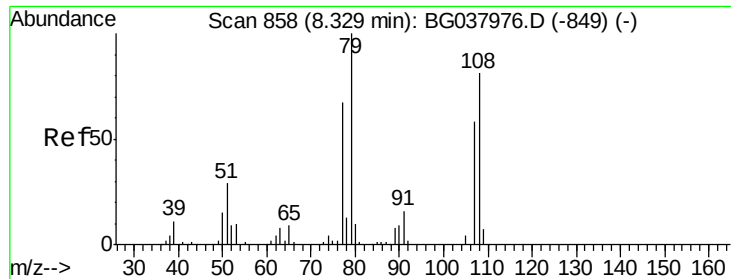
65 23.8 9.7 49.7

66 42.3 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

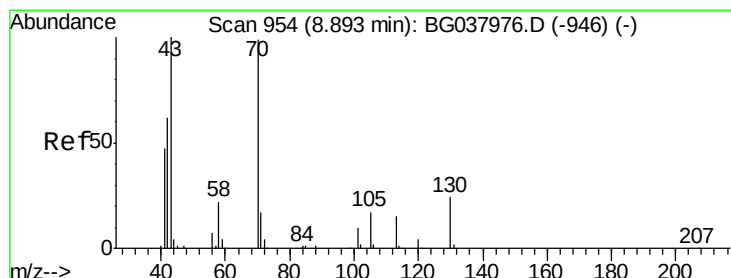
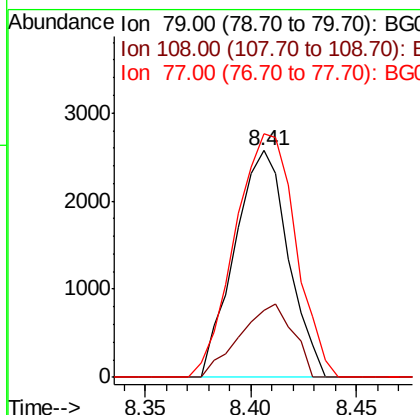
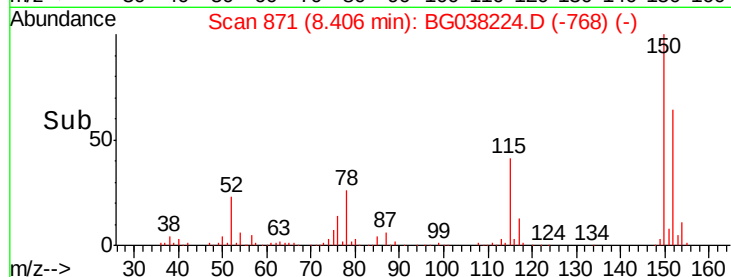
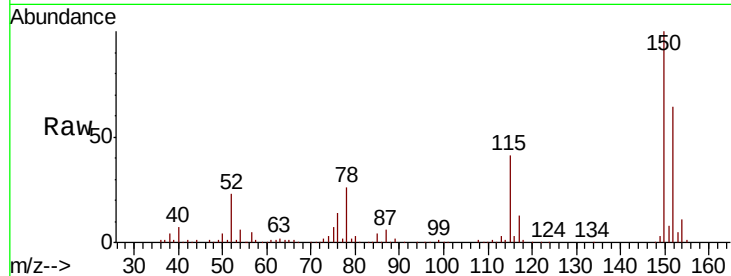




#15
Benzyl Alcohol
Concen: 2.034 ng
RT: 8.41 min Scan# 871
Delta R.T. 0.08 min
Lab File: BG038224.D
Acq: 29 Nov 2018 7:53

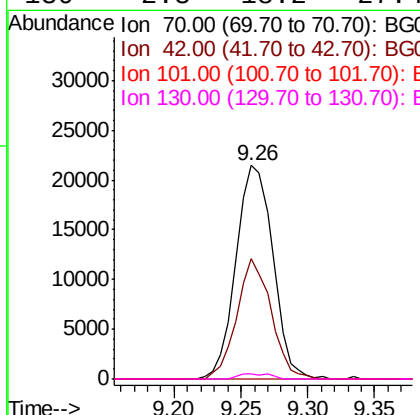
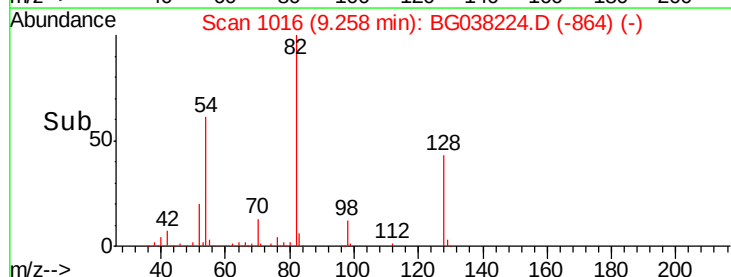
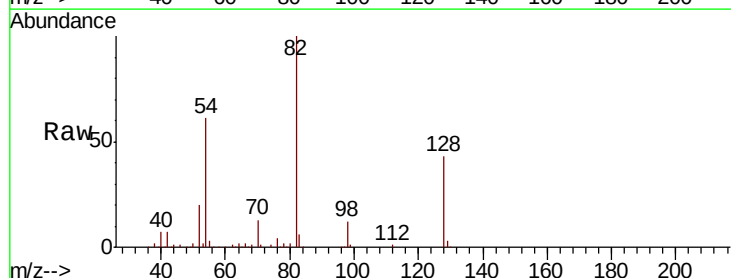
Instrument :
BNA_G
ClientSampleId :

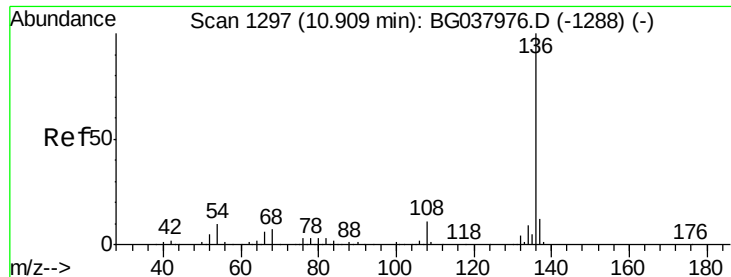
Tot Ion: 79 Resp: 4523
Ion Ratio Lower Upper
79 100
108 29.5 65.8 98.8#
77 107.3 52.9 79.3#



#19
n-Nitroso-di-n-propylamine
Concen: 18.483 ng
RT: 9.26 min Scan# 1016
Delta R.T. 0.36 min
Lab File: BG038224.D
Acq: 29 Nov 2018 7:53

Tgt Ion: 70 Resp: 41094
Ion Ratio Lower Upper
70 100
42 56.5 53.9 80.9
101 0.0 8.2 12.2#
130 2.3 18.2 27.4#

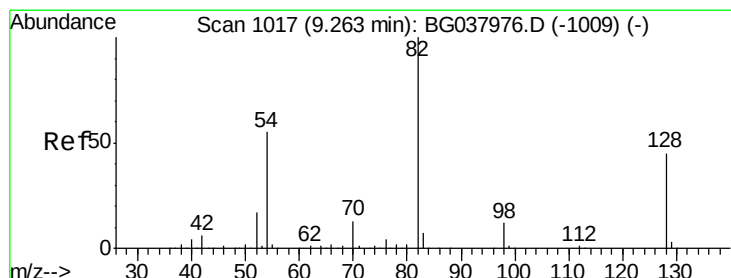
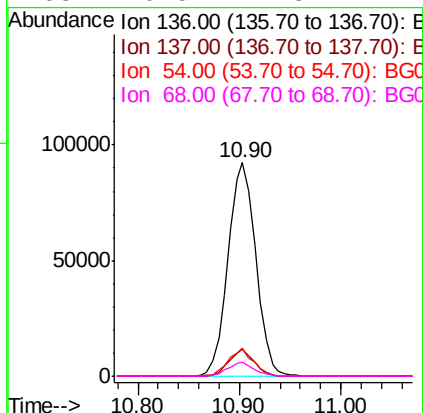
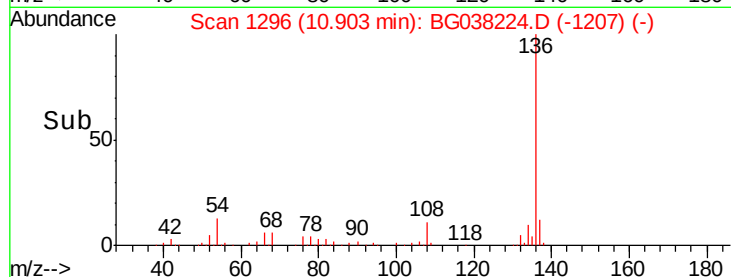
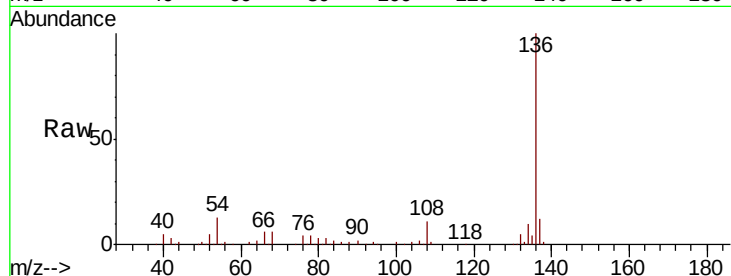




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038224.D
Acq: 29 Nov 2018 7:53

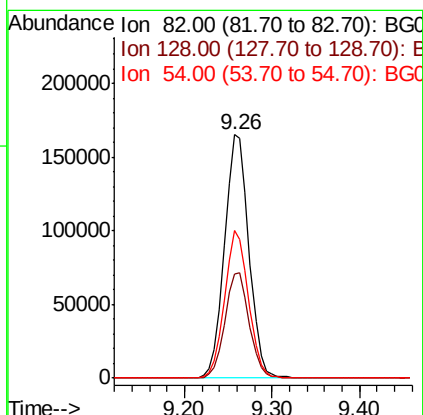
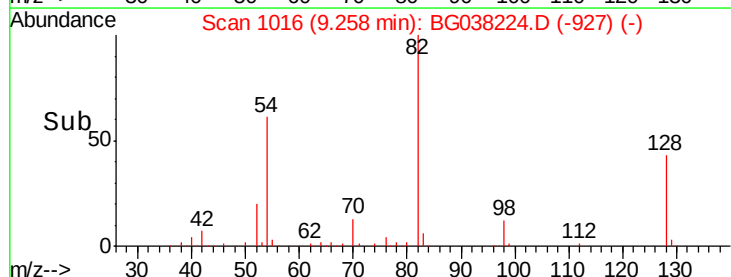
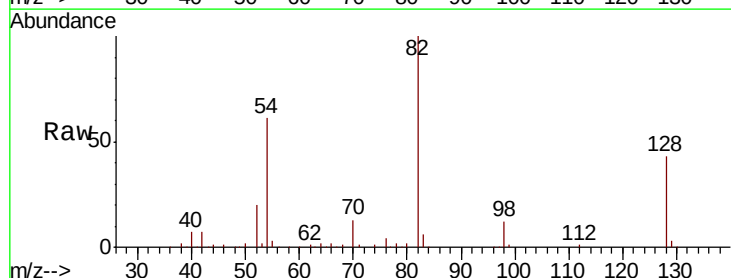
Instrument :
BNA_G
ClientSampled :

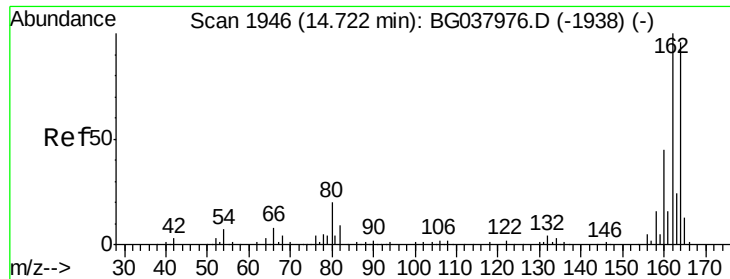
Tot Ion:136	Resp:	175005
Ion Ratio	Lower	Upper
136	100	
137	12.4	9.6 14.4
54	12.9	7.9 11.9#
68	6.5	4.8 7.2



#23
Nitrobenzene-d5
Concen: 96.445 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG038224.D
Acq: 29 Nov 2018 7:53

Tgt Ion: 82	Resp:	315306
Ion Ratio	Lower	Upper
82	100	
128	42.7	34.6 51.8
54	60.6	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG038224.D

Acq: 29 Nov 2018 7:53

Instrument :

BNA_G

ClientSampleId :

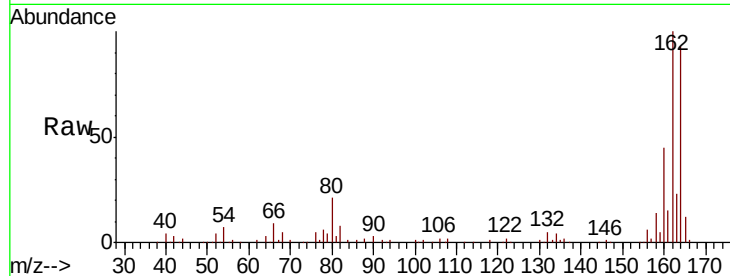
Tot Ion:164 Resp: 111585

Ion Ratio Lower Upper

164 100

162 107.5 81.3 121.9

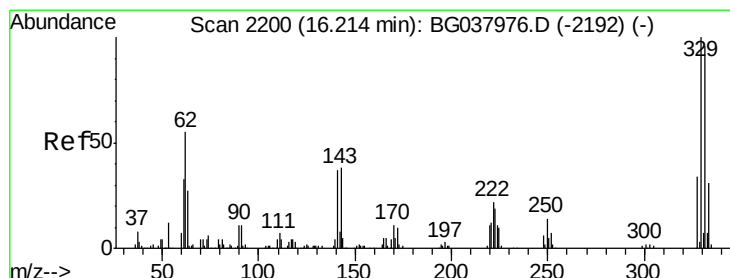
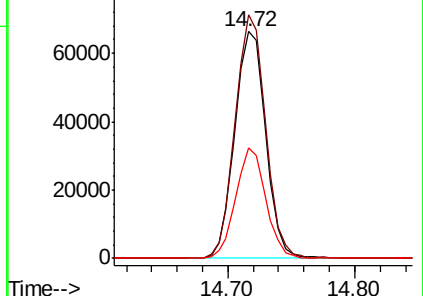
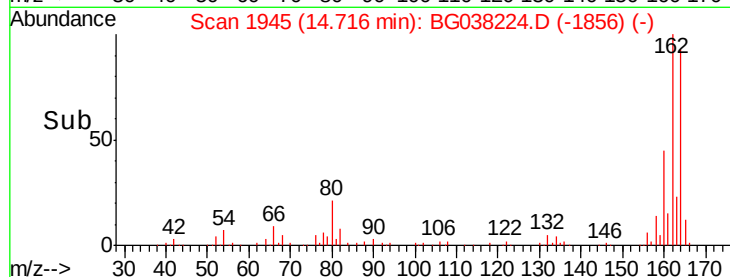
160 48.8 36.3 54.5



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: 89.571 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038224.D

Acq: 29 Nov 2018 7:53

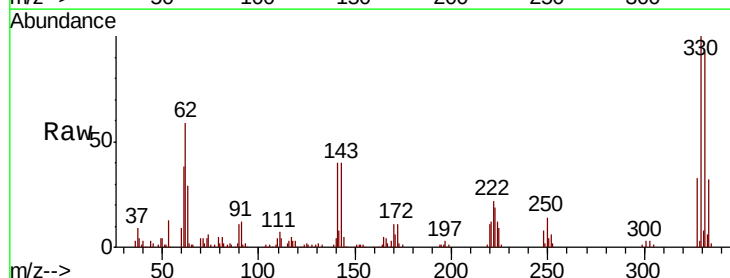
Tgt Ion:330 Resp: 113988

Ion Ratio Lower Upper

330 100

332 93.2 78.4 117.6

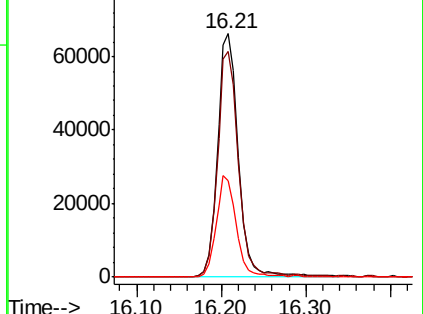
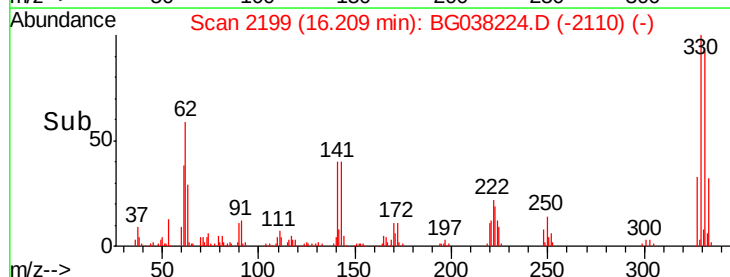
141 40.3 32.2 48.2

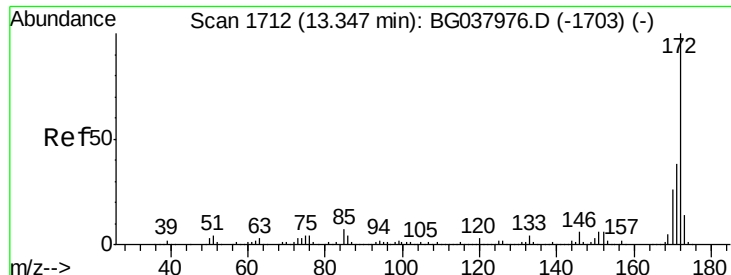


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

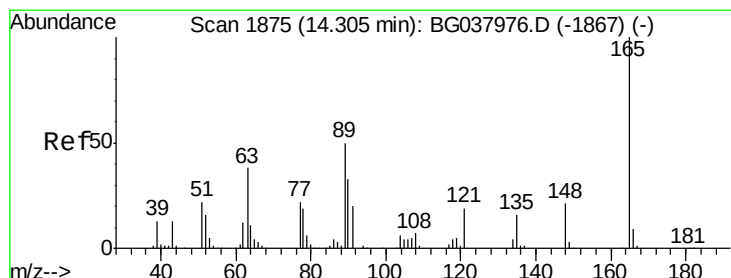
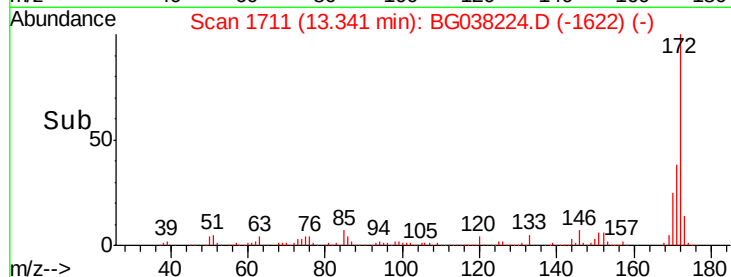
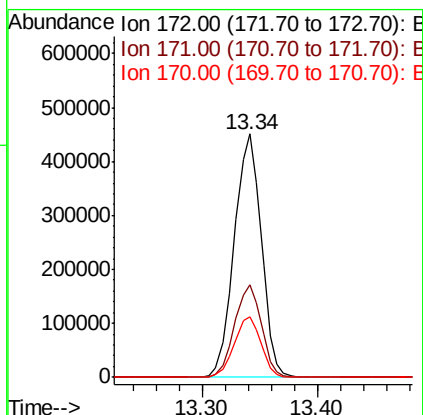
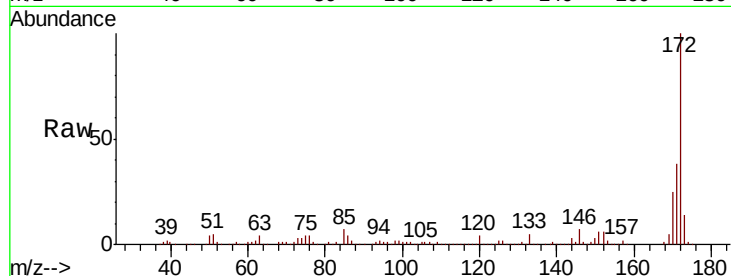




#45
2-Fluorobiphenyl
Concen: 95.535 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038224.D
Acq: 29 Nov 2018 7:53

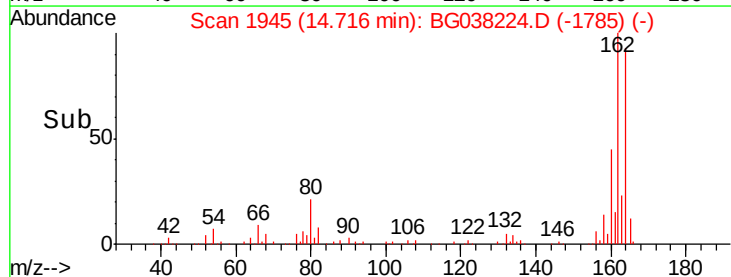
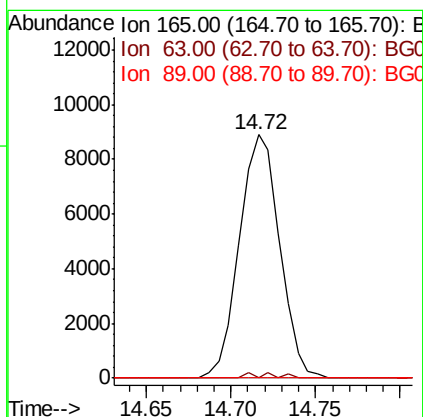
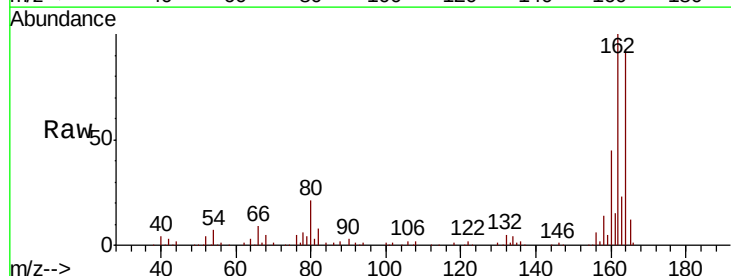
Instrument :
BNA_G
ClientSampleId :

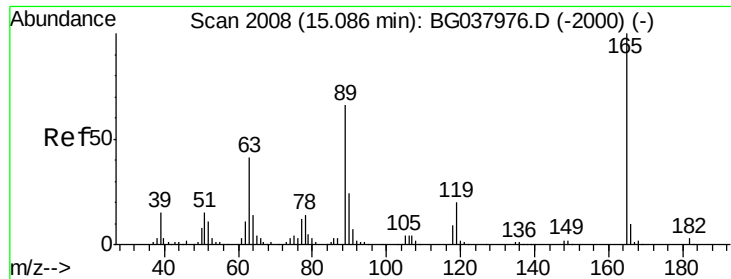
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.0	20.2	30.2



#51
2,6-Dinitrotoluene
Concen: 7.365 ng
RT: 14.72 min Scan# 1945
Delta R.T. 0.41 min
Lab File: BG038224.D
Acq: 29 Nov 2018 7:53

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

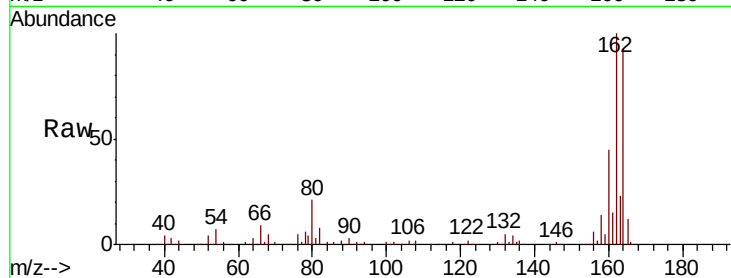




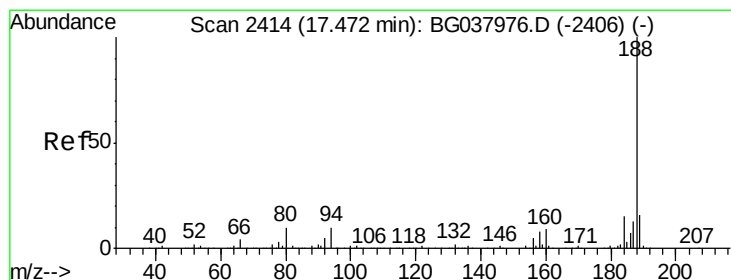
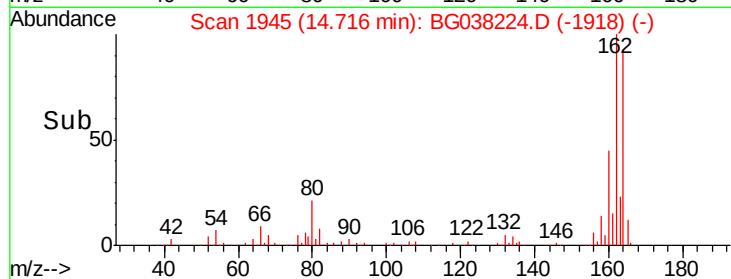
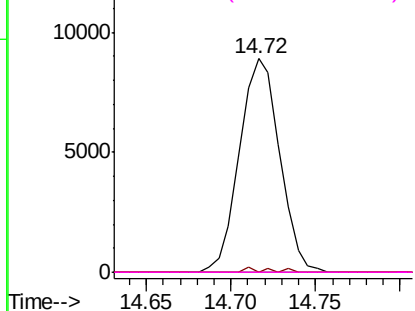
#57
 2,4-Dinitrotoluene
 Concen: 5.413 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038224.D
 Acq: 29 Nov 2018 7:53

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165	Resp:	14745
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.4 50.0#
89	0.0	57.2 85.8#
182	0.0	2.6 4.0#

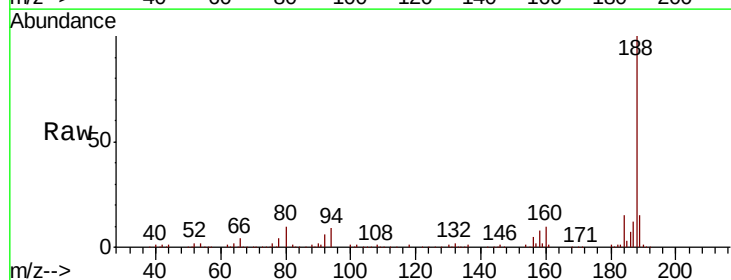


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

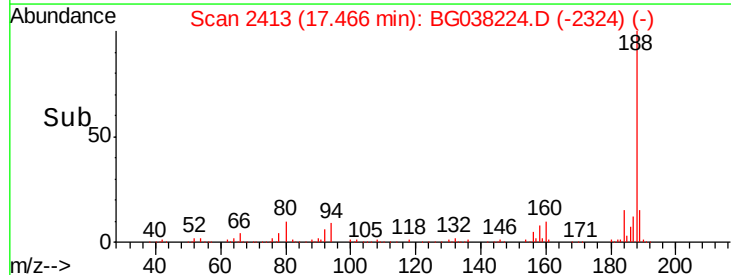
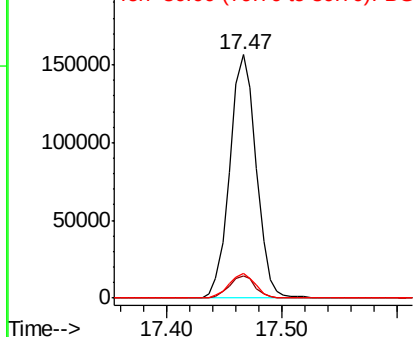


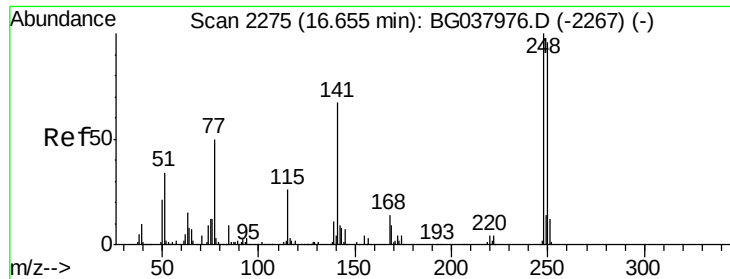
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038224.D
 Acq: 29 Nov 2018 7:53

Tgt Ion:188	Resp:	248480
Ion Ratio	Lower	Upper
188	100	
94	9.2	7.2 10.8
80	10.1	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

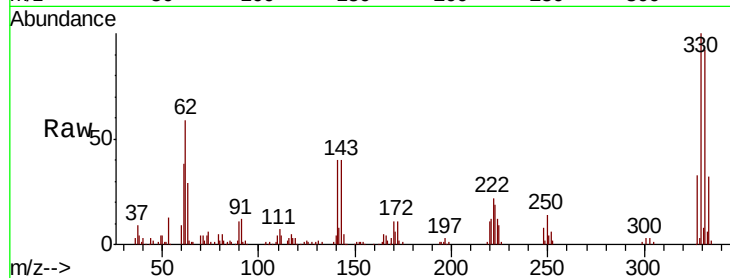




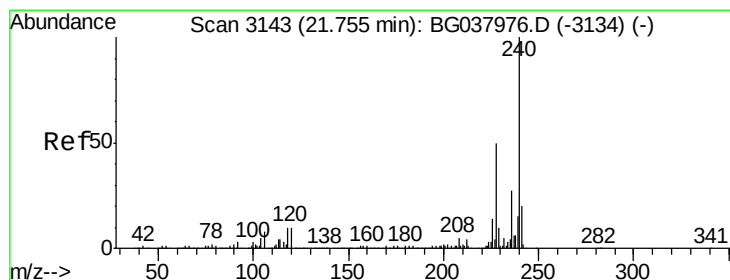
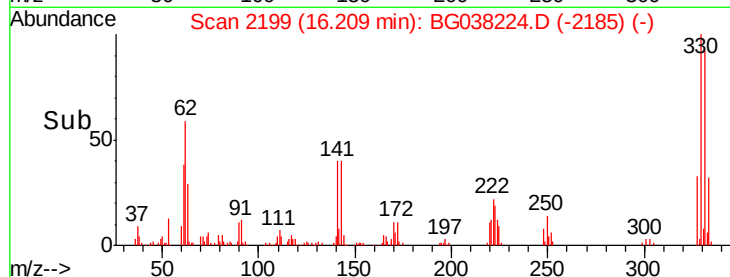
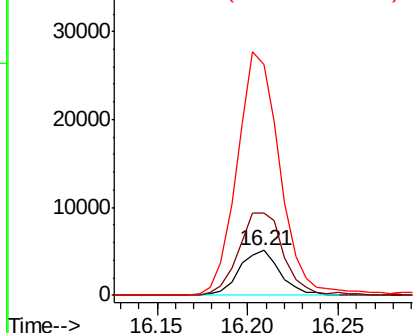
#67
 4-Bromophenyl-phenylether
 Concen: 2.903 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG038224.D
 Acq: 29 Nov 2018 7:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 7916
 Ion Ratio Lower Upper
 248 100
 250 191.8 77.0 115.6#
 141 408.5 55.5 83.3#

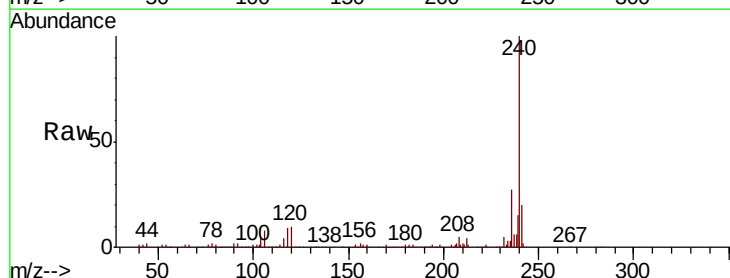


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

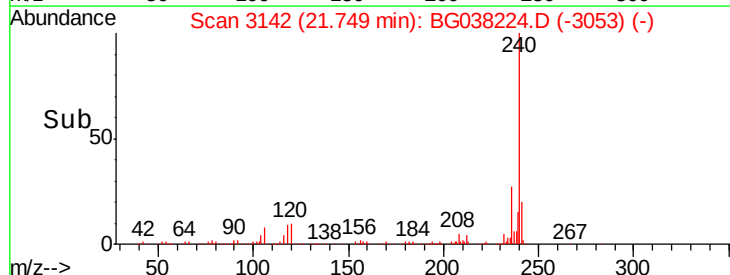
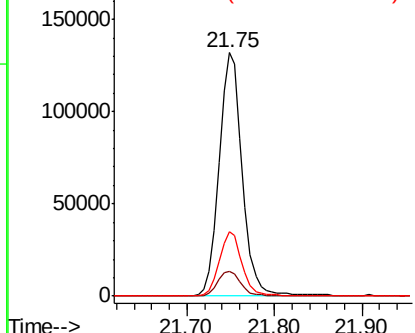


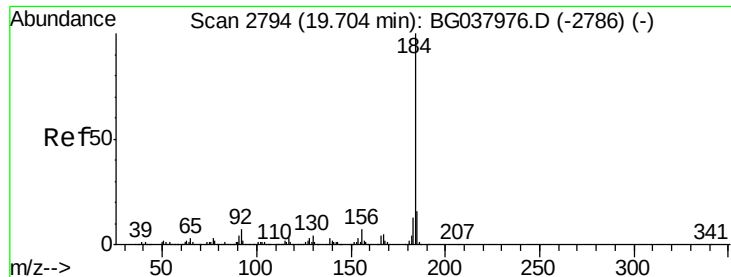
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG038224.D
 Acq: 29 Nov 2018 7:53

Tgt Ion:240 Resp: 241554
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.1 12.1
 236 26.7 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





#77

Benzidine

Concen: 2.155 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.36 min

Lab File: BG038224.D

Acq: 29 Nov 2018 7:53

Instrument :

BNA_G

ClientSampleId :

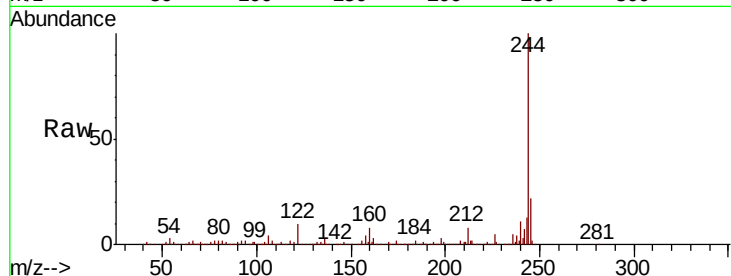
Tot Ion:184 Resp: 18264

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

183 8.7 10.2 15.2#

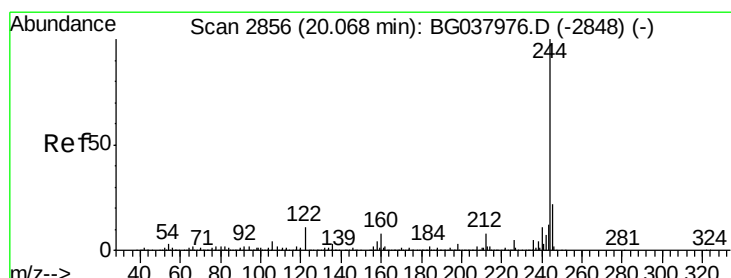
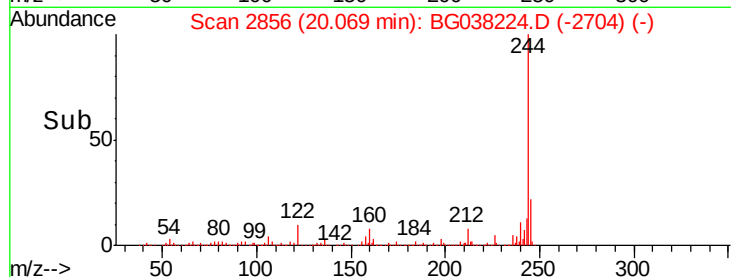
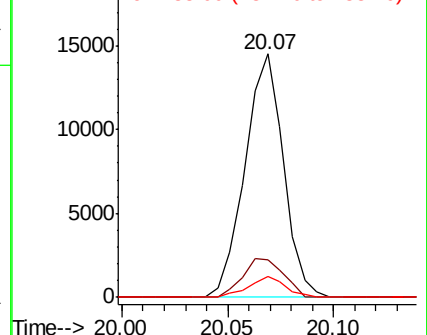


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 101.801 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038224.D

Acq: 29 Nov 2018 7:53

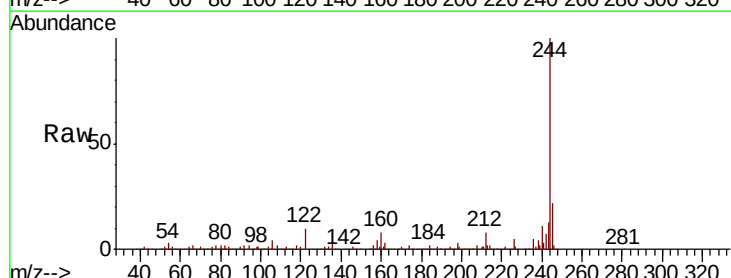
Tgt Ion:244 Resp: 1045066

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

122 9.6 9.0 13.4

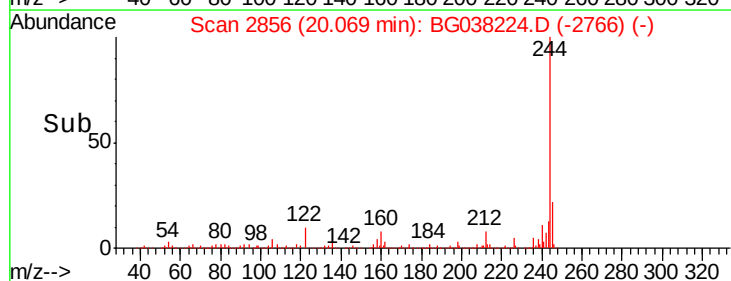
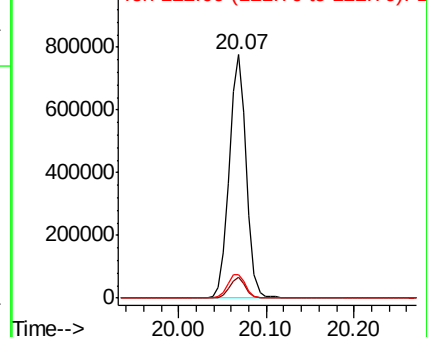


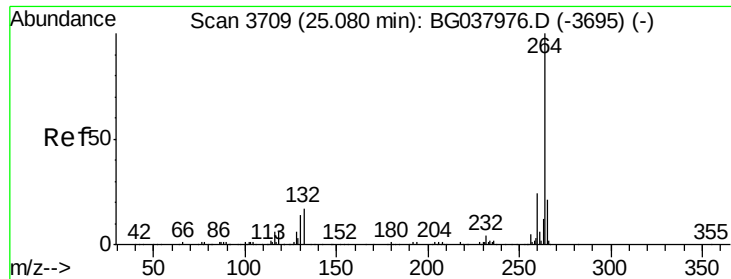
Abundance

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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3708
 Delta R.T. -0.01 min
 Lab File: BG038224.D
 Acq: 29 Nov 2018 7:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.0	17.9	26.9

