

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112818\
 Data File : BG038207.D
 Acq On : 28 Nov 2018 19:53
 Operator : JU/SJ
 Sample : J6083-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Quant Time: Nov 29 04:31:32 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

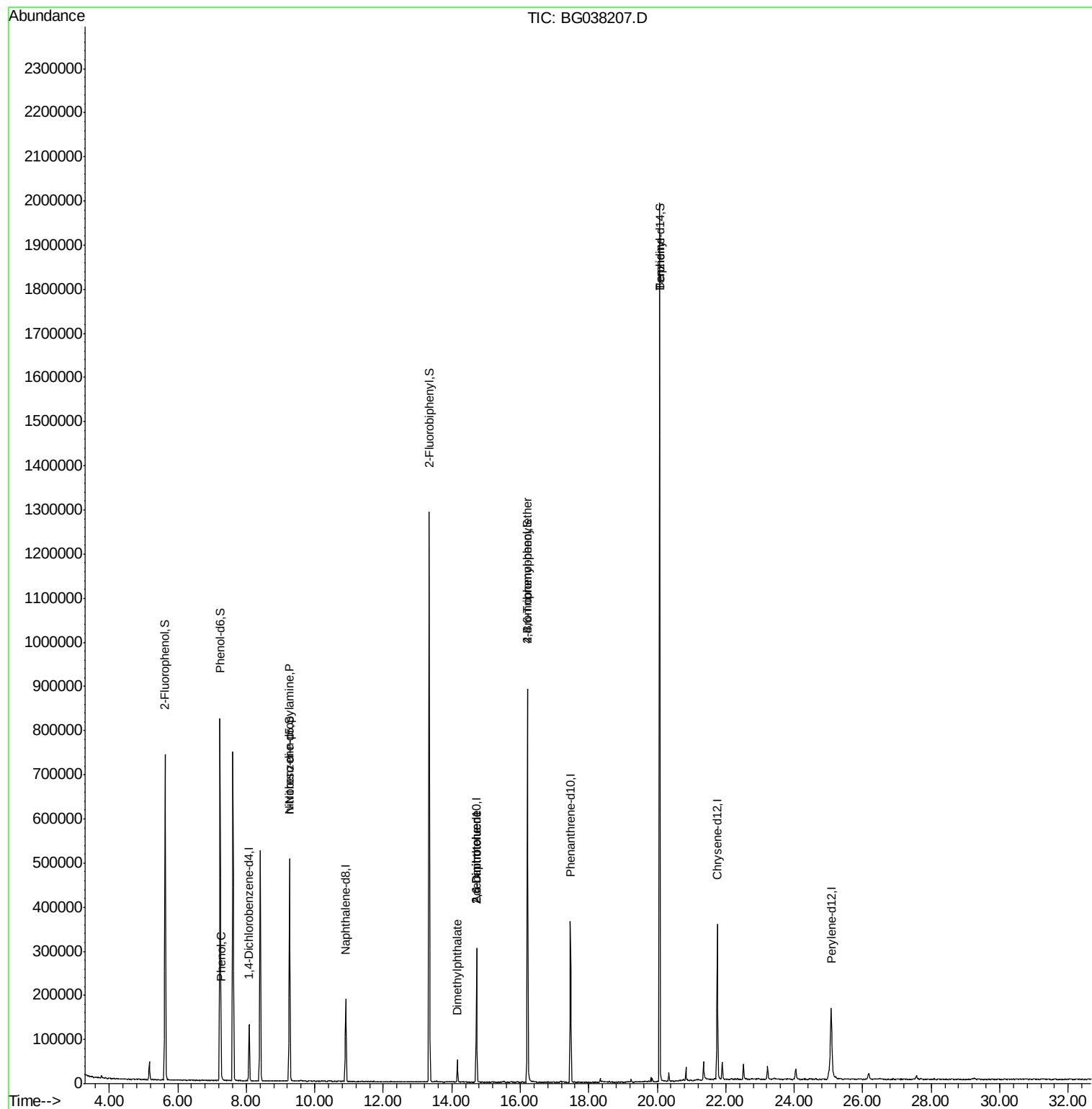
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	37755	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	167518	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	107446	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	235903	20.00	ng	0.00
76) Chrysene-d12	21.75	240	220942	20.00	ng	0.00
87) Perylene-d12	25.08	264	212878	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	325097	148.67	ng	0.00
7) Phenol-d6	7.24	99	476128	152.54	ng	0.00
23) Nitrobenzene-d5	9.26	82	307220	98.17	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	164397	134.16	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	667482	90.50	ng	0.00
79) Terphenyl-d14	20.07	244	927626	98.79	ng	0.00
Target Compounds						
10) Phenol	7.27	94	23357	7.065	ng	94
19) n-Nitroso-di-n-propylamine	9.26	70	39108	17.315	ng	# 78
50) Dimethylphthalate	14.16	163	34997	4.109	ng	97
51) 2,6-Dinitrotoluene	14.72	165	14026	7.275	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	14026	5.347	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	11839	4.572	ng	# 1
77) Benzidine	20.07	184	16157	2.084	ng	# 89

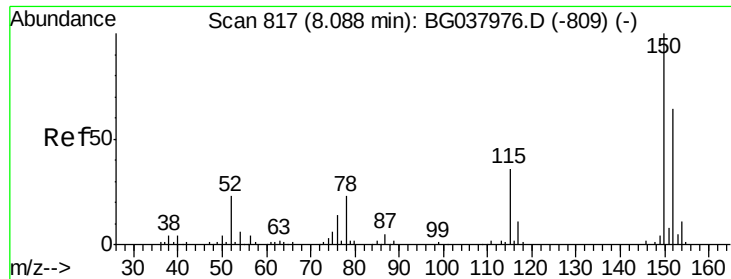
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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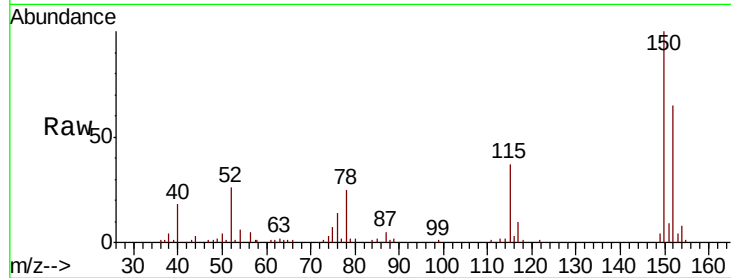


#1

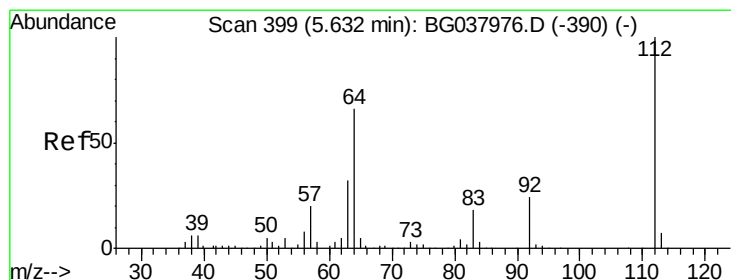
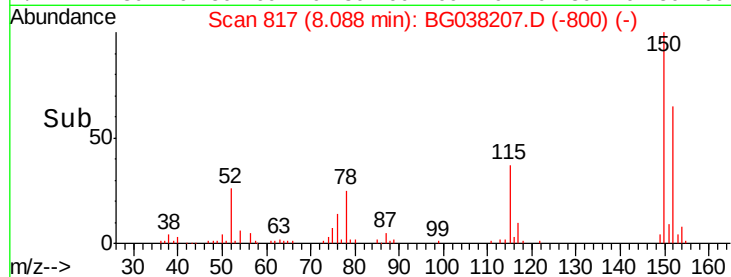
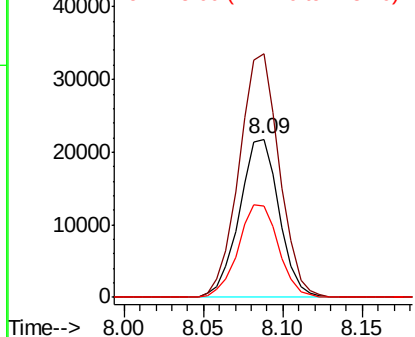
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038207.D
Acq: 28 Nov 2018 19:53

Instrument :
BNA_G
ClientSampled :
WC-1

Tgt Ion:152 Resp: 37755
Ion Ratio Lower Upper
152 100
150 154.2 126.0 189.0
115 57.7 45.5 68.3



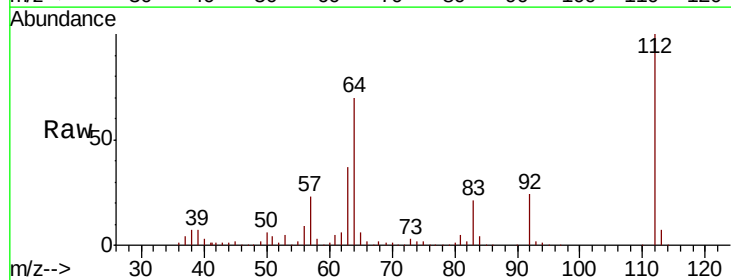
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



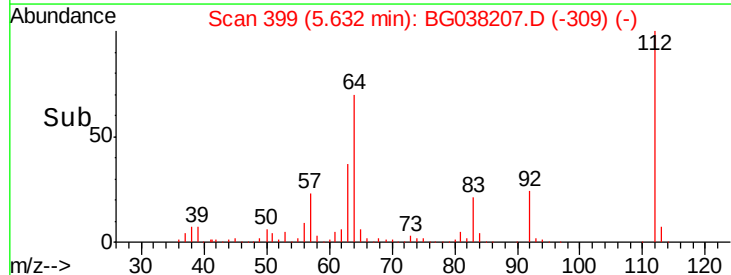
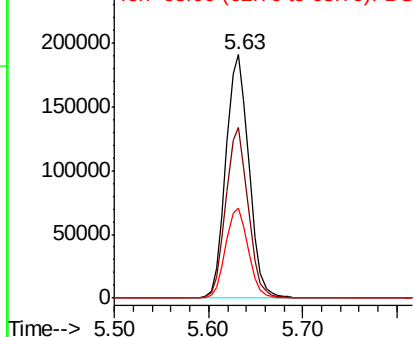
#5

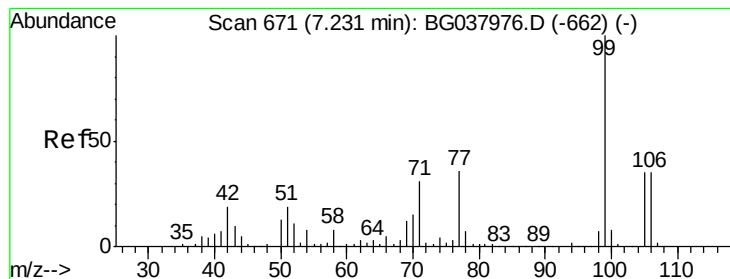
2-Fluorophenol
Concen: 148.669 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038207.D
Acq: 28 Nov 2018 19:53

Tgt Ion:112 Resp: 325097
Ion Ratio Lower Upper
112 100
64 69.9 53.1 79.7
63 37.0 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: 152.537 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038207.D

Acq: 28 Nov 2018 19:53

Instrument :

BNA_G

ClientSampleId :

WC-1

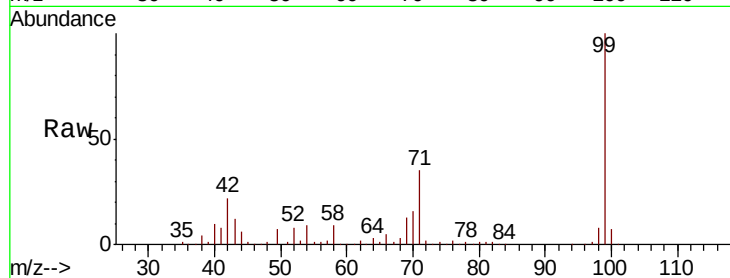
Tgt Ion: 99 Resp: 476128

Ion Ratio Lower Upper

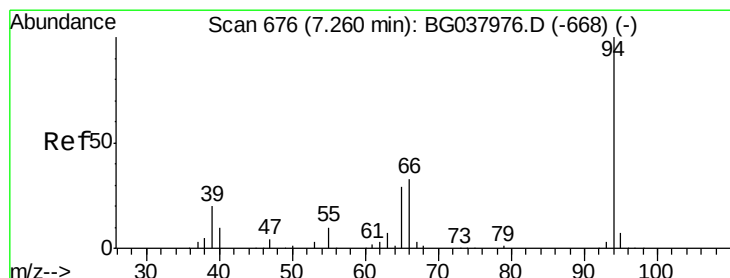
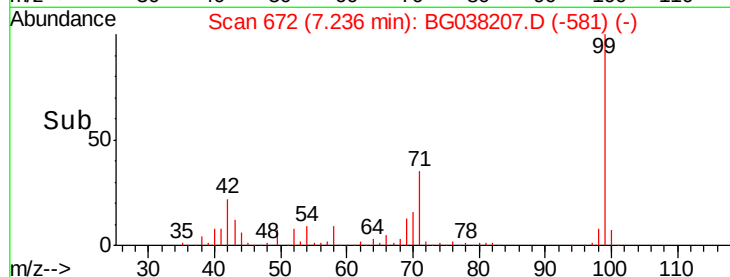
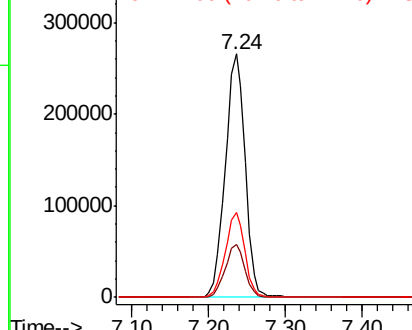
99 100

42 21.7 15.0 22.4

71 35.0 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: 7.065 ng

RT: 7.27 min Scan# 677

Delta R.T. 0.01 min

Lab File: BG038207.D

Acq: 28 Nov 2018 19:53

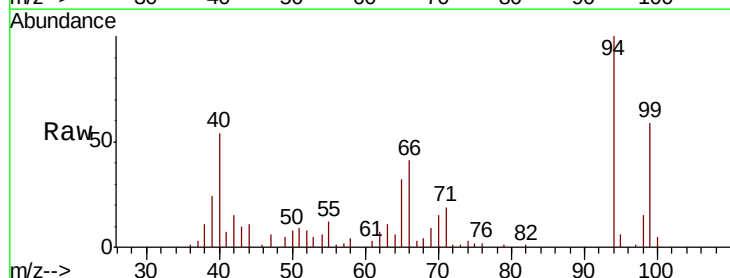
Tgt Ion: 94 Resp: 23357

Ion Ratio Lower Upper

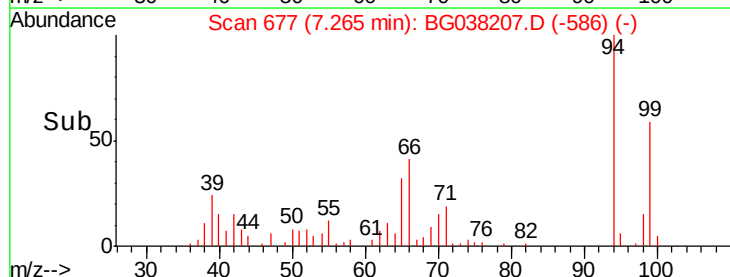
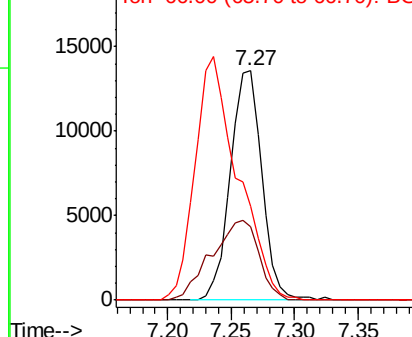
94 100

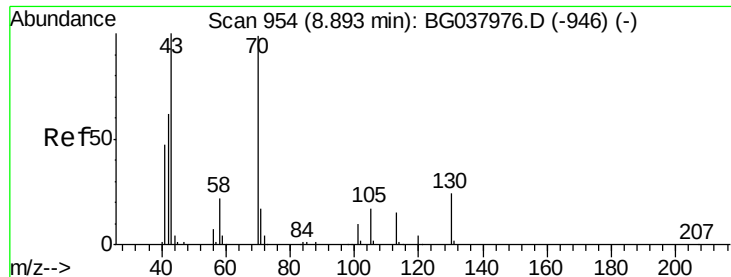
65 31.9 9.7 49.7

66 40.7 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

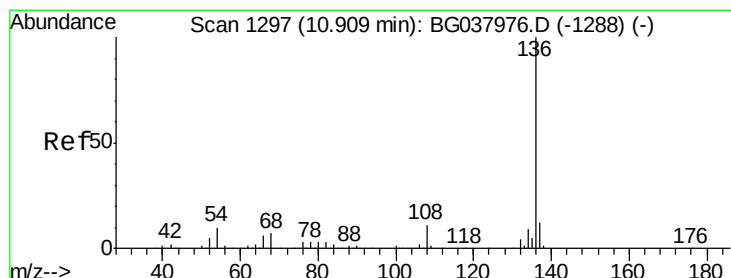
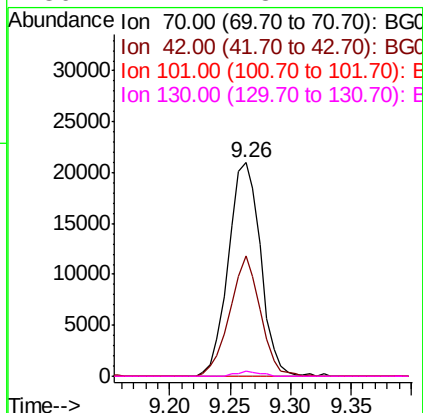
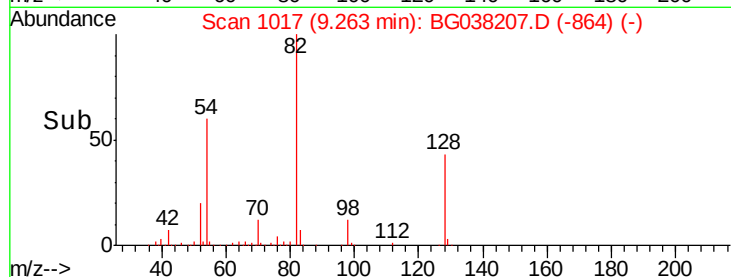
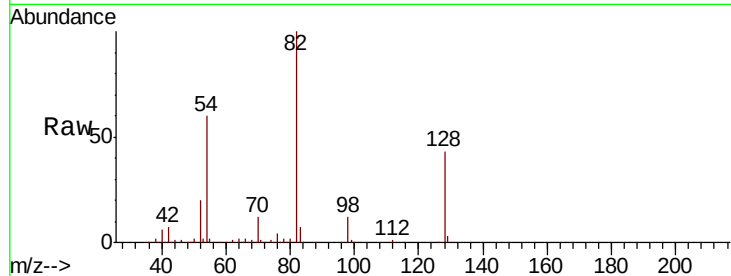




#19
n-Nitroso-di-n-propylamine
Concen: 17.315 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG038207.D
Acq: 28 Nov 2018 19:53

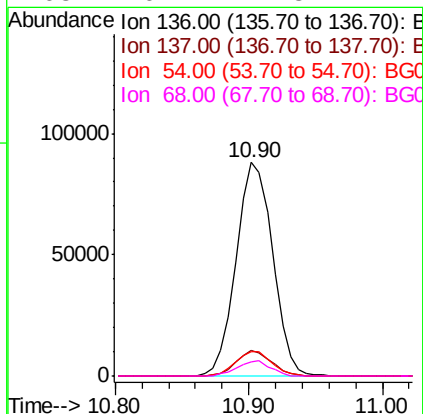
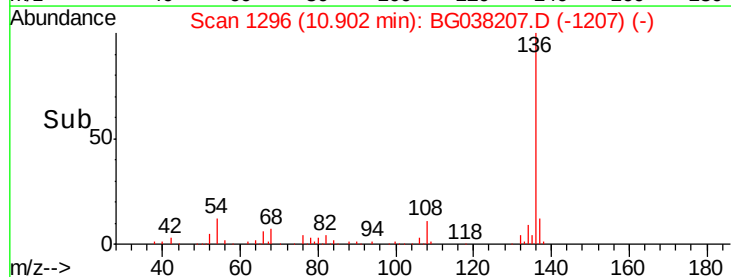
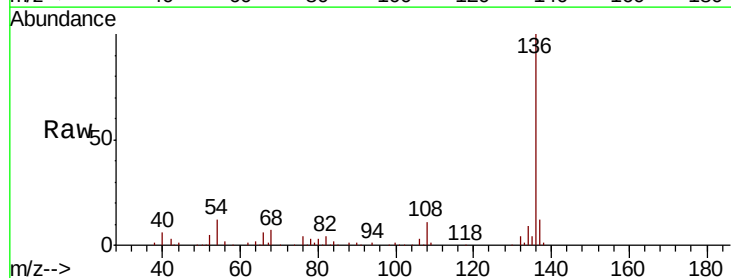
Instrument :
BNA_G
ClientSampleId :
WC-1

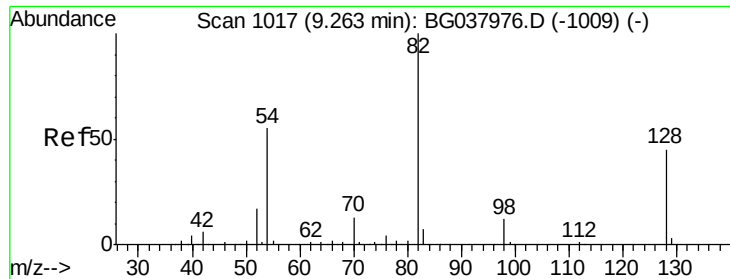
Tgt Ion: 70 Resp: 39108
Ion Ratio Lower Upper
70 100
42 56.6 53.9 80.9
101 0.0 8.2 12.2#
130 2.1 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038207.D
Acq: 28 Nov 2018 19:53

Tgt Ion: 136 Resp: 167518
Ion Ratio Lower Upper
136 100
137 12.1 9.6 14.4
54 11.6 7.9 11.9
68 6.7 4.8 7.2

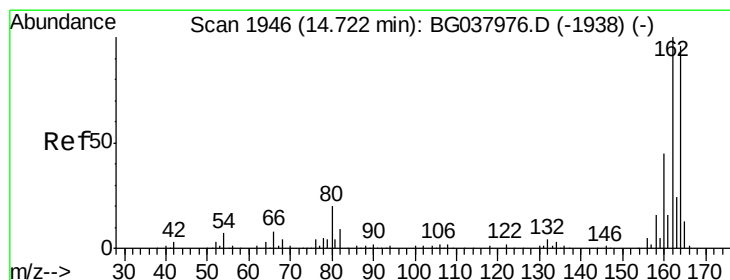
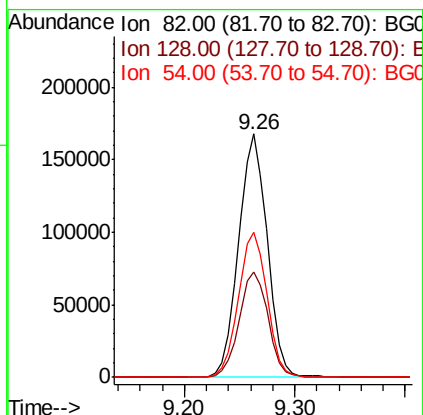
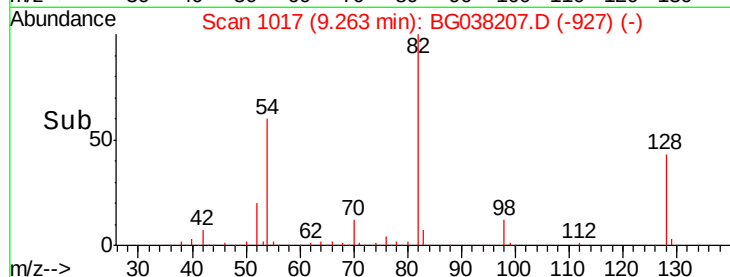
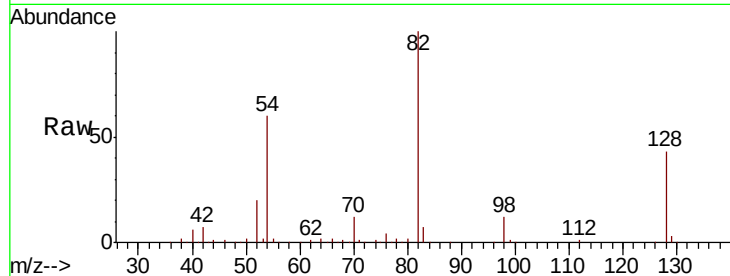




#23
 Nitrobenzene-d5
 Concen: 98.172 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG038207.D
 Acq: 28 Nov 2018 19:53

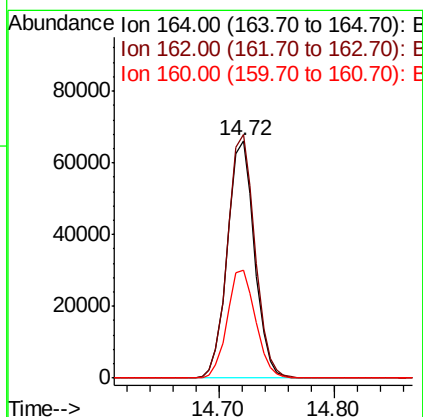
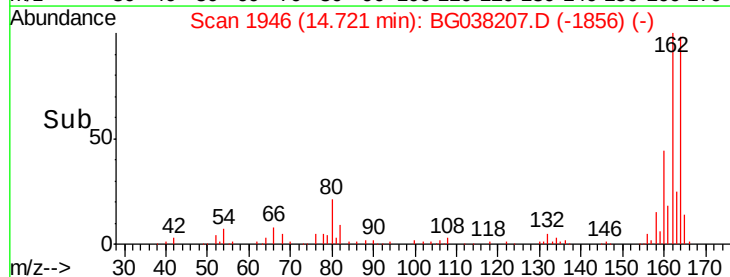
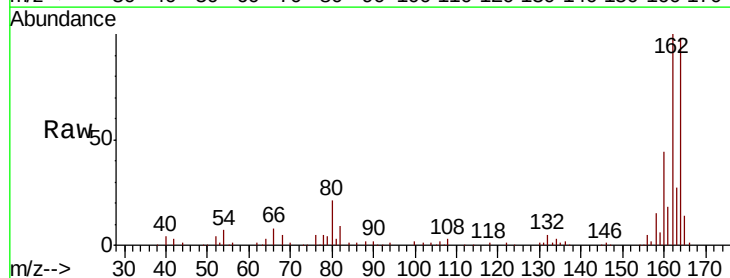
Instrument :
 BNA_G
 ClientSampleId :
 WC-1

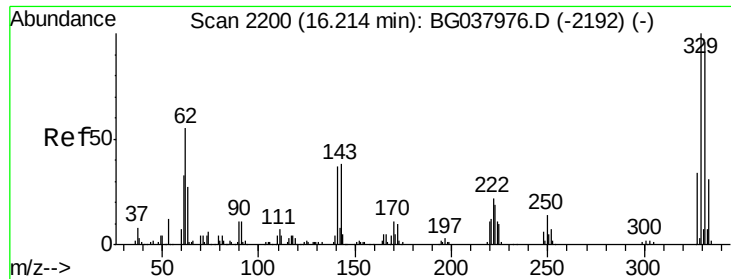
Tgt Ion: 82 Resp: 307220
 Ion Ratio Lower Upper
 82 100
 128 43.4 34.6 51.8
 54 59.7 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BG038207.D
 Acq: 28 Nov 2018 19:53

Tgt Ion: 164 Resp: 107446
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.3 121.9
 160 45.5 36.3 54.5

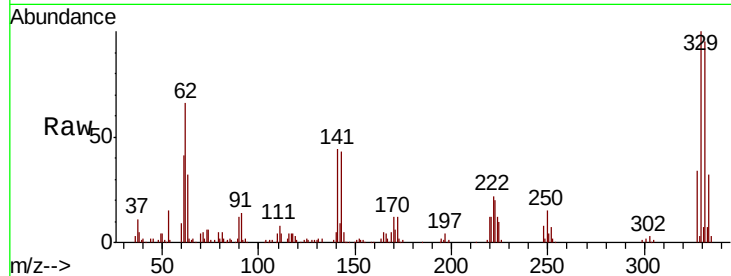




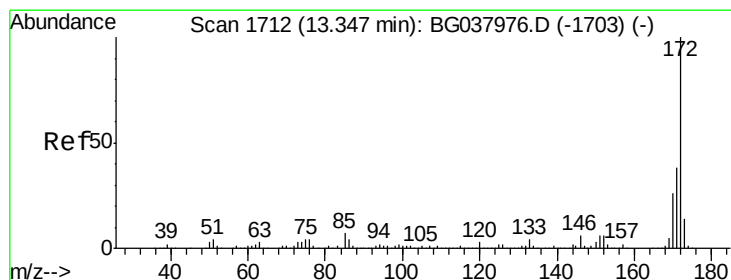
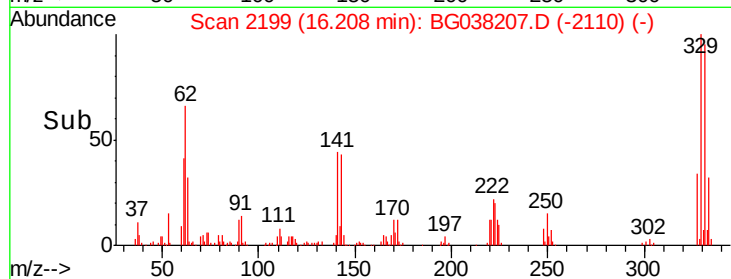
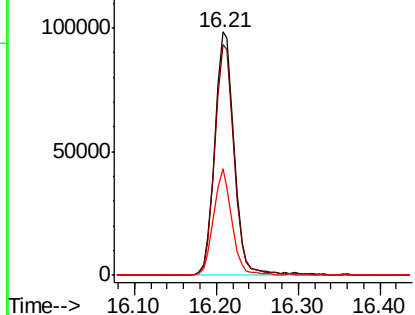
#42
 2,4,6-Tribromophenol
 Concen: 134.158 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038207.D
 Acq: 28 Nov 2018 19:53

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Tgt Ion:330 Resp: 164397
 Ion Ratio Lower Upper
 330 100
 332 94.7 78.4 117.6
 141 40.9 32.2 48.2

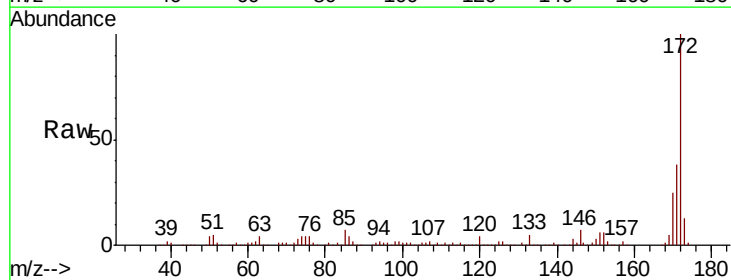


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

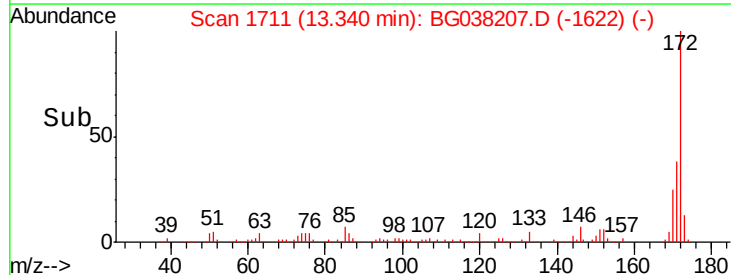
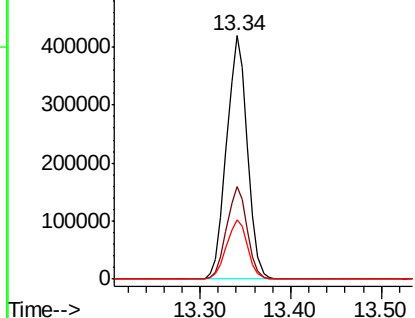


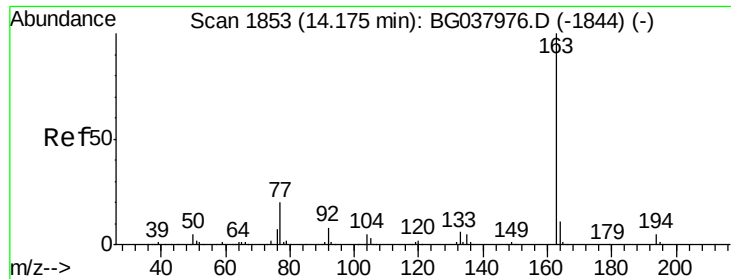
#45
 2-Fluorobiphenyl
 Concen: 90.503 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038207.D
 Acq: 28 Nov 2018 19:53

Tgt Ion:172 Resp: 667482
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.0 46.4
 170 24.6 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: 4.109 ng

RT: 14.16 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038207.D

Acq: 28 Nov 2018 19:53

Instrument :

BNA_G

ClientSampleId :

WC-1

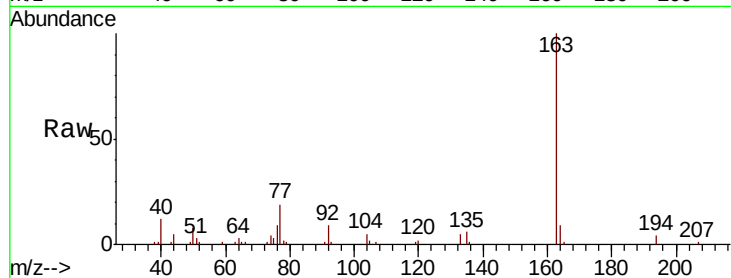
Tgt Ion:163 Resp: 34997

Ion Ratio Lower Upper

163 100

194 3.7 3.5 5.3

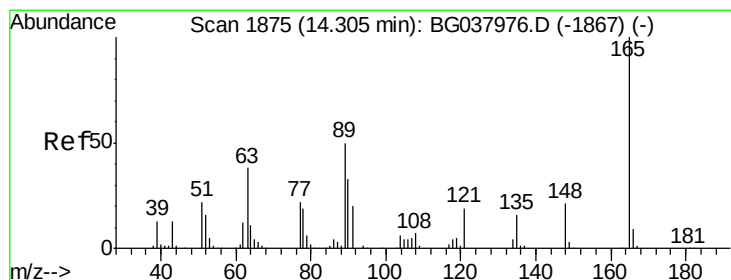
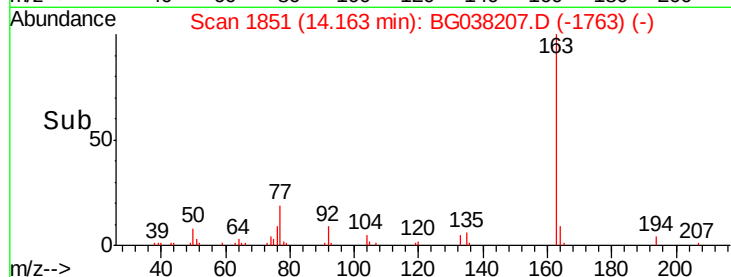
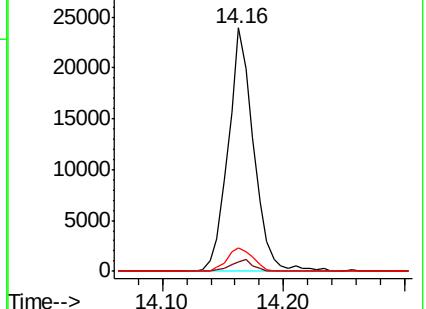
164 9.4 8.5 12.7



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: 7.275 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.42 min

Lab File: BG038207.D

Acq: 28 Nov 2018 19:53

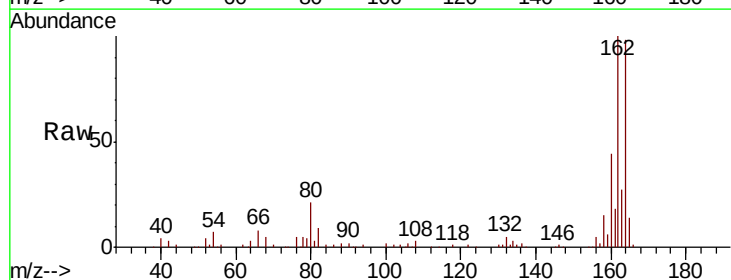
Tgt Ion:165 Resp: 14026

Ion Ratio Lower Upper

165 100

63 2.4 43.4 65.2#

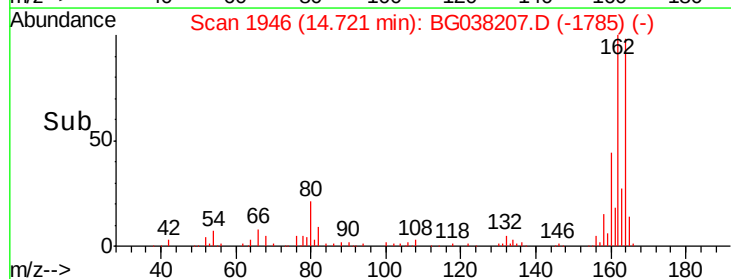
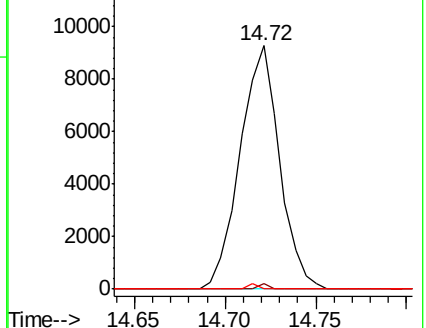
89 0.0 45.8 68.6#

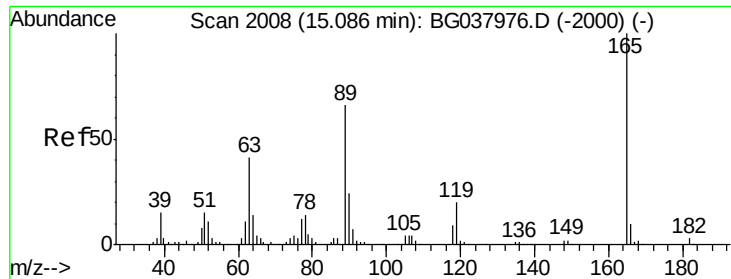


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

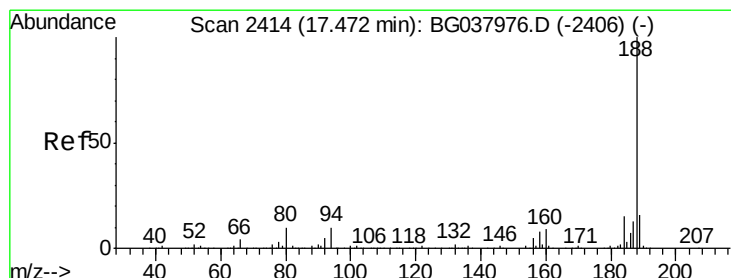
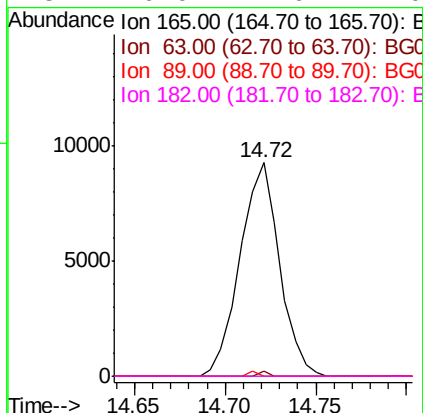
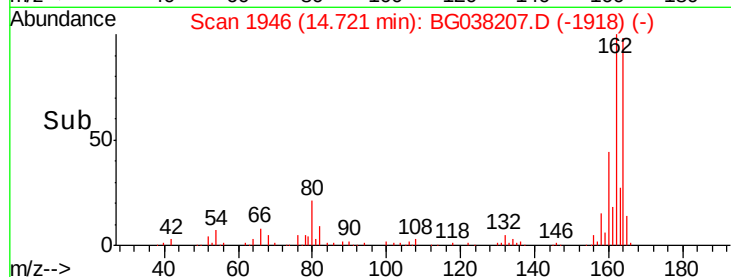
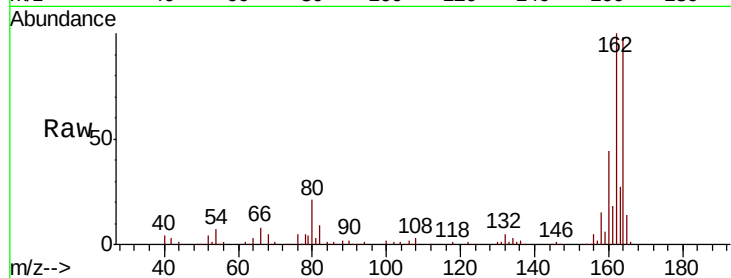




#57
 2,4-Dinitrotoluene
 Concen: 5.347 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.37 min
 Lab File: BG038207.D
 Acq: 28 Nov 2018 19:53

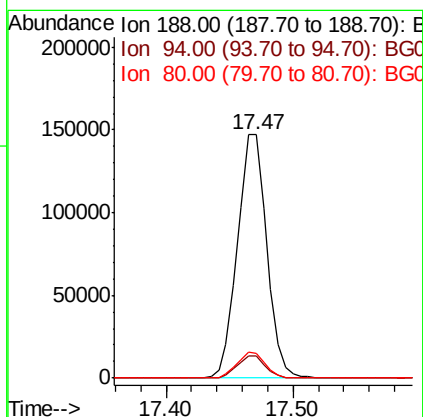
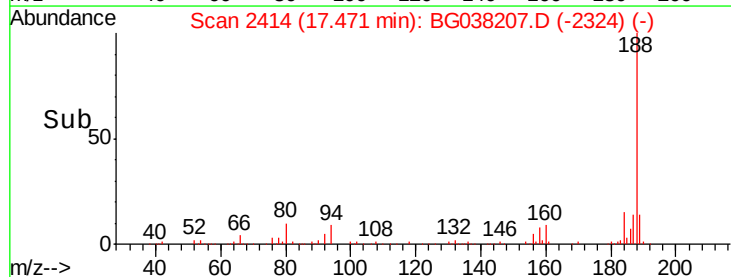
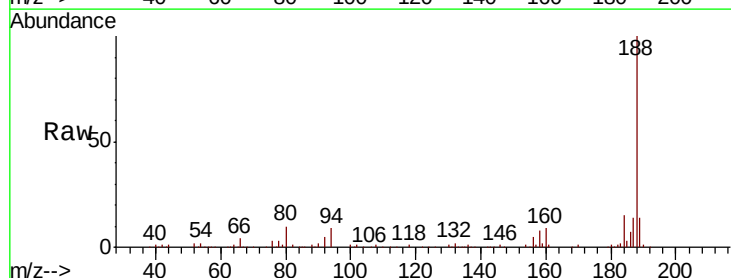
Instrument :
 BNA_G
 ClientSampled :
 WC-1

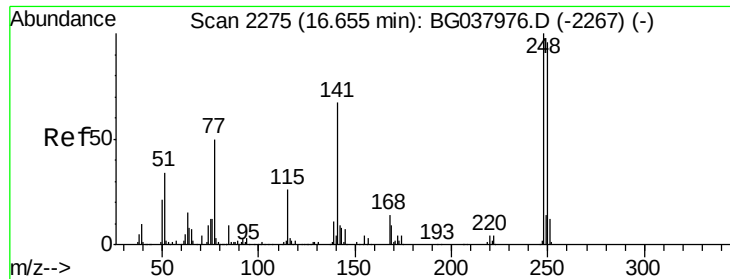
Tgt Ion:	165	Resp:	14026
Ion	Ratio	Lower	Upper
165	100		
63	2.4	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BG038207.D
 Acq: 28 Nov 2018 19:53

Tgt Ion:	188	Resp:	235903
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.0	7.7	11.5

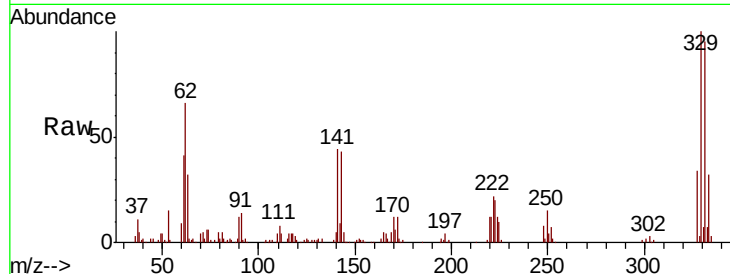




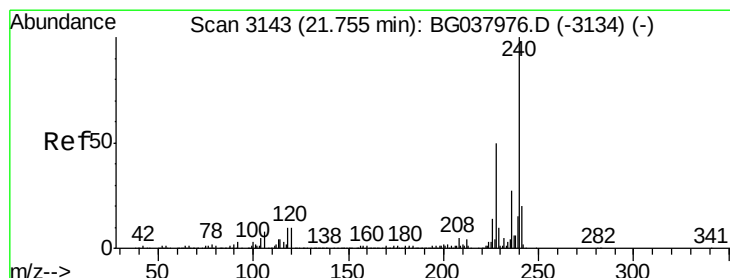
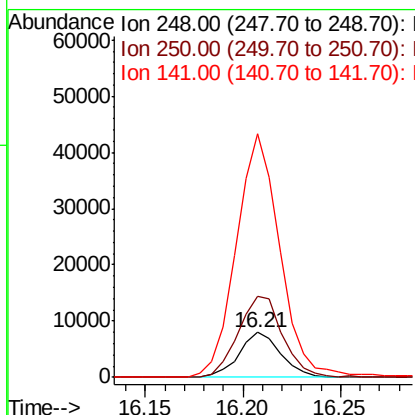
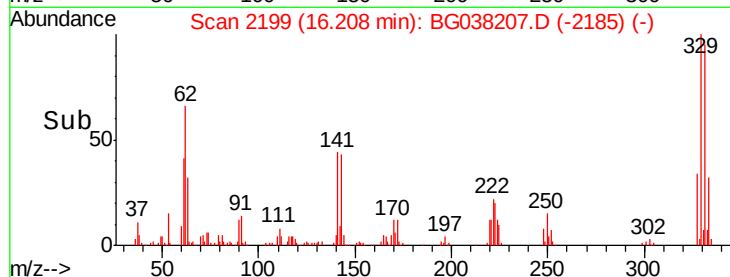
#67
 4-Bromophenyl-phenylether
 Concen: 4.572 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG038207.D
 Acq: 28 Nov 2018 19:53

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Tgt Ion:248 Resp: 11839
 Ion Ratio Lower Upper
 248 100
 250 181.2 77.0 115.6#
 141 422.2 55.5 83.3#

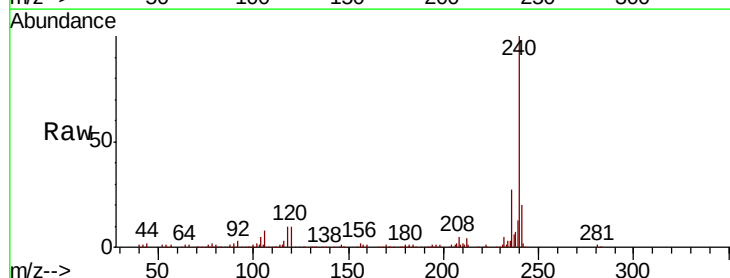


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

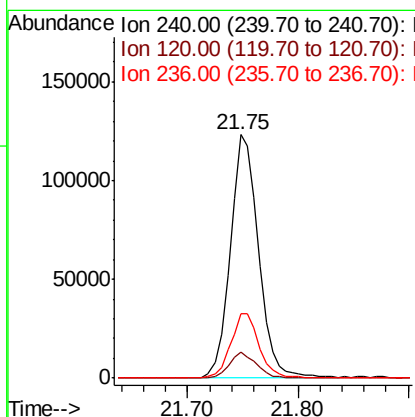
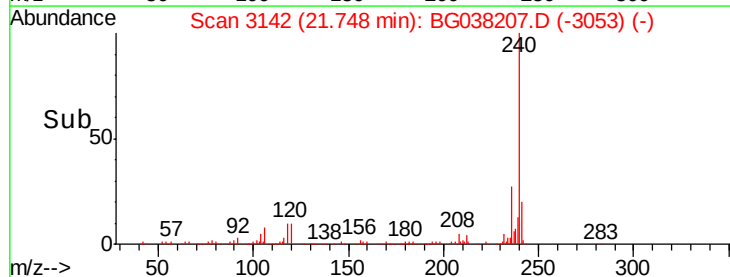


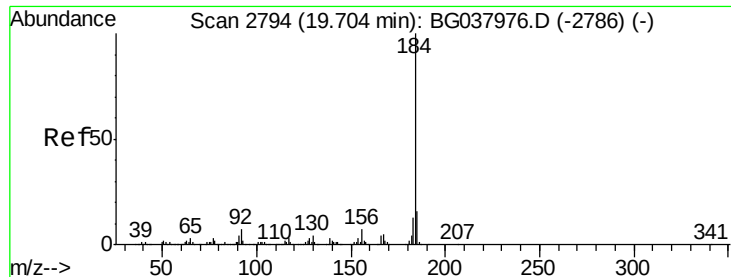
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG038207.D
 Acq: 28 Nov 2018 19:53

Tgt Ion:240 Resp: 220942
 Ion Ratio Lower Upper
 240 100
 120 10.4 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





#77

Benzidine

Concen: 2.084 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.36 min

Lab File: BG038207.D

Acq: 28 Nov 2018 19:53

Instrument :

BNA_G

ClientSampleId :

WC-1

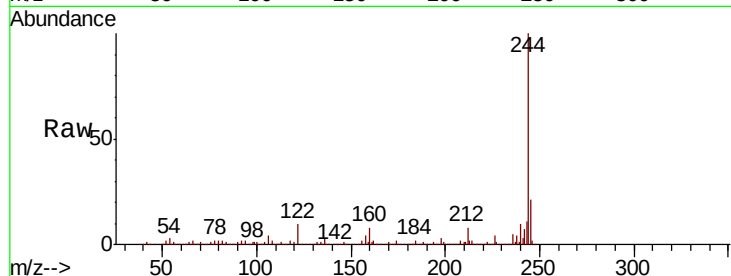
Tgt Ion:184 Resp: 16157

Ion Ratio Lower Upper

184 100

185 19.1 12.6 18.8#

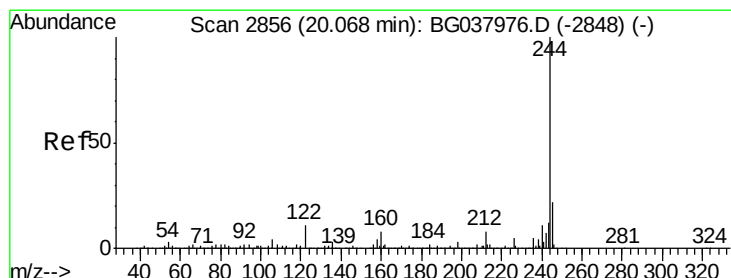
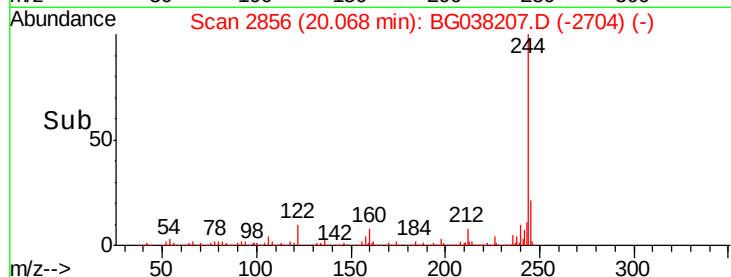
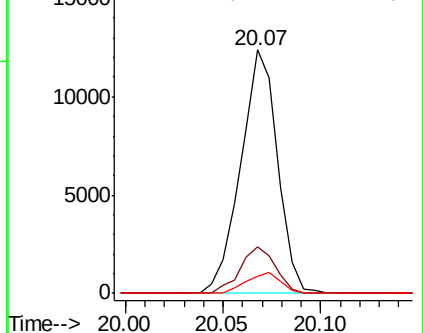
183 7.3 10.2 15.2#



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: 98.791 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038207.D

Acq: 28 Nov 2018 19:53

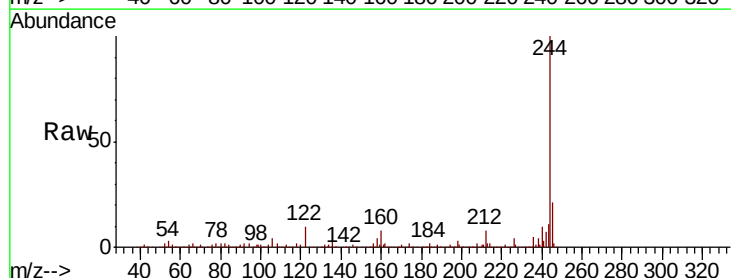
Tgt Ion:244 Resp: 927626

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

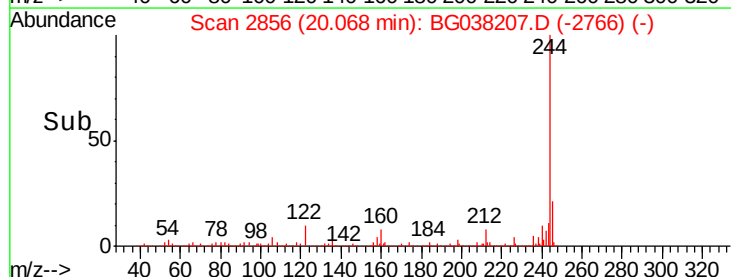
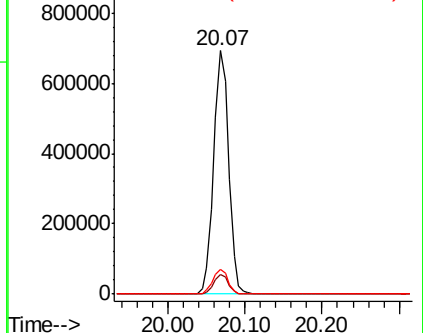
122 10.0 9.0 13.4

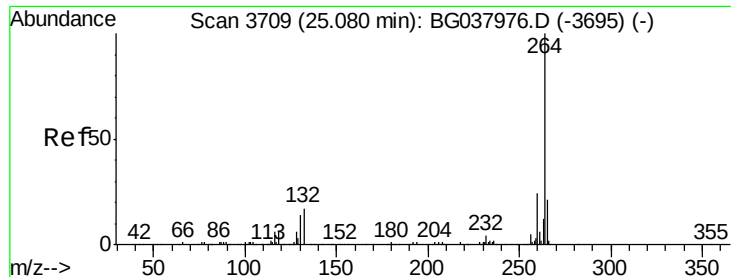


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG038207.D
Acq: 28 Nov 2018 19:53

Instrument :
BNA_G
ClientSampleId :
WC-1

Tgt Ion:	264	Resp:	212878
Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.4
265	20.2	17.9	26.9

