

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112618\
 Data File : BG038163.D
 Acq On : 27 Nov 2018 10:13
 Operator : JU/SJ
 Sample : J6061-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 27 11:08:30 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

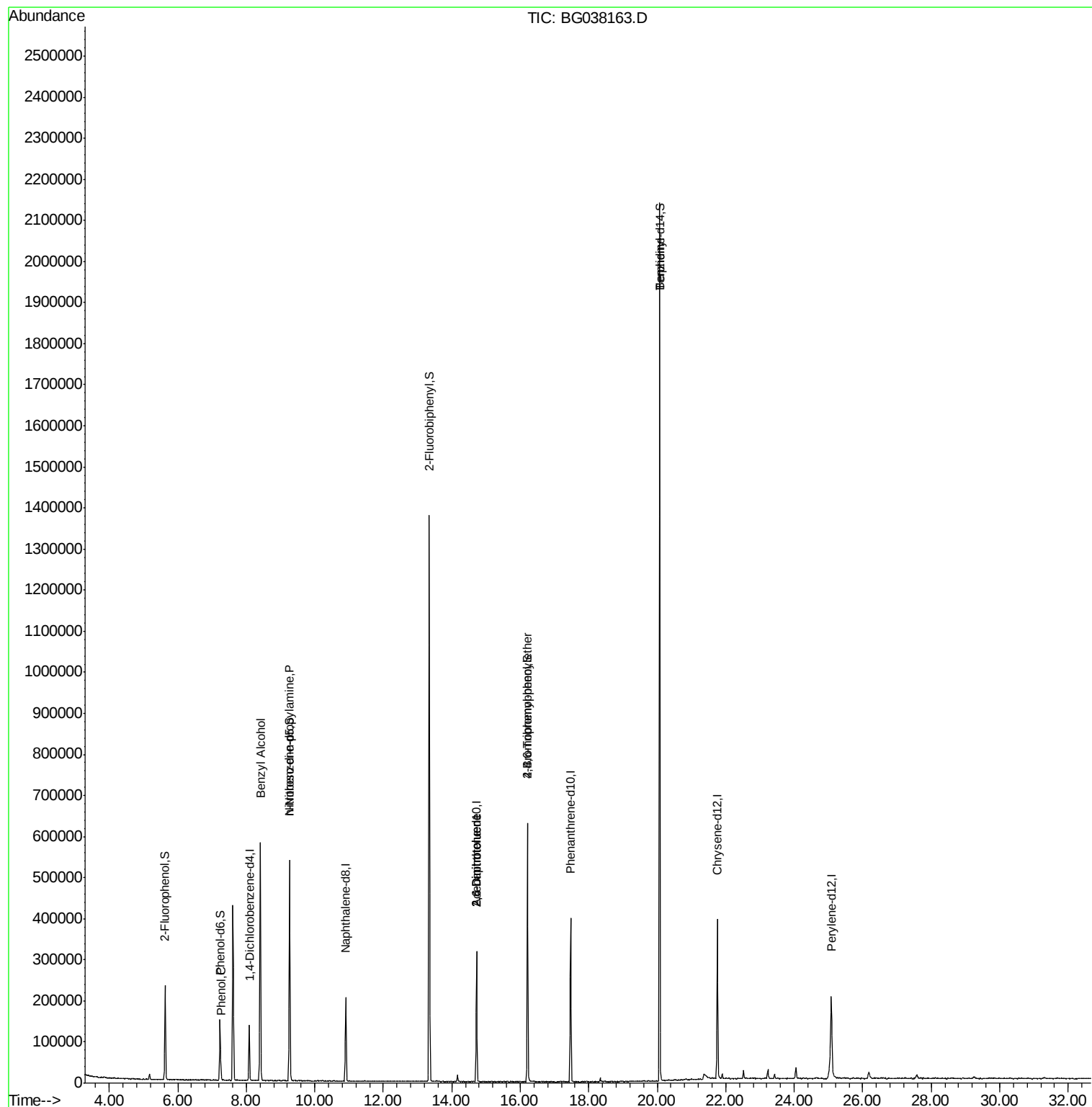
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	39863	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	180903	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	113756	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	253422	20.00	ng	0.00
76) Chrysene-d12	21.75	240	237898	20.00	ng	0.00
87) Perylene-d12	25.08	264	240787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	102537	44.41	ng	0.00
7) Phenol-d6	7.23	99	89325	27.10	ng	0.00
23) Nitrobenzene-d5	9.26	82	331132	97.98	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	115074	88.70	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	737220	94.41	ng	0.00
79) Terphenyl-d14	20.07	244	1039888	102.85	ng	0.00
Target Compounds						
10) Phenol	7.26	94	13556	3.883	ng	89
15) Benzyl Alcohol	8.41	79	4853	2.035	ng	# 41
19) n-Nitroso-di-n-propylamine	9.26	70	42968	18.018	ng	# 75
51) 2,6-Dinitrotoluene	14.72	165	14520	7.114	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	14520	5.229	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	8399	3.020	ng	# 1
77) Benzidine	20.07	184	18002	2.157	ng	# 94

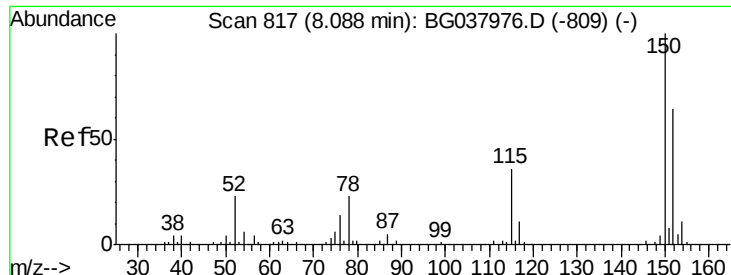
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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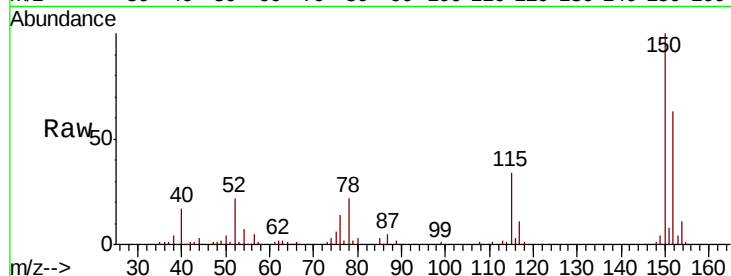


#1

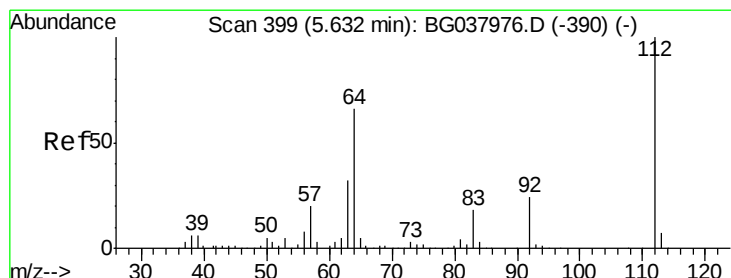
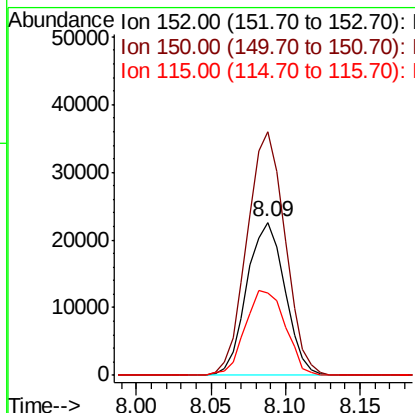
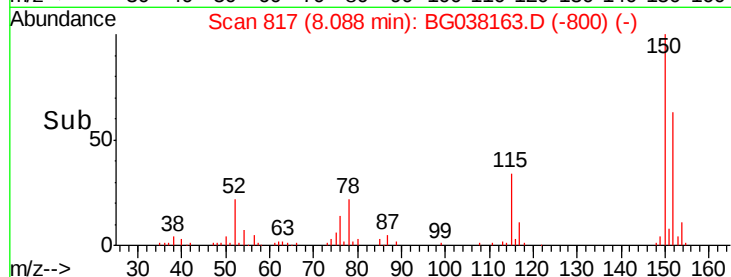
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038163.D
Acq: 27 Nov 2018 10:13

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 39863
Ion Ratio Lower Upper
152 100
150 158.8 126.0 189.0
115 54.0 45.5 68.3



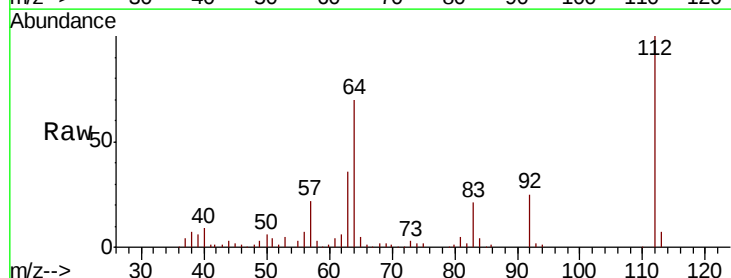
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



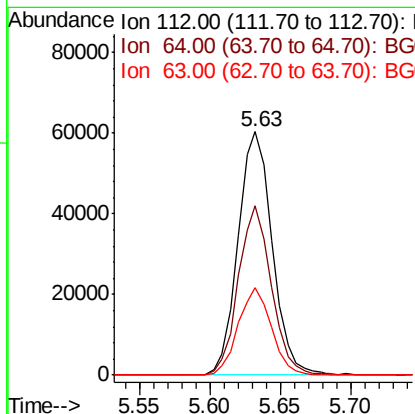
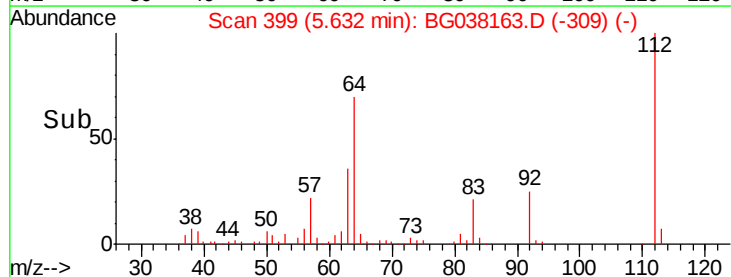
#5

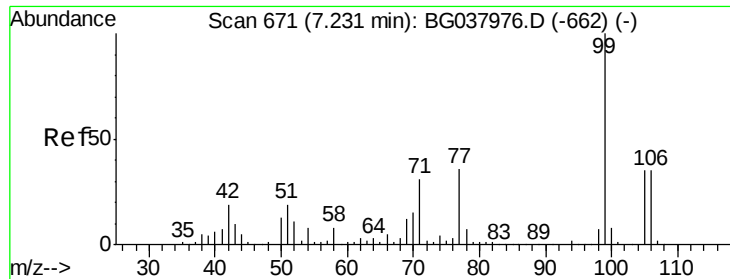
2-Fluorophenol
Concen: 44.411 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038163.D
Acq: 27 Nov 2018 10:13

Tgt Ion:112 Resp: 102537
Ion Ratio Lower Upper
112 100
64 69.7 53.1 79.7
63 36.1 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: 27.104 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038163.D

Acq: 27 Nov 2018 10:13

Instrument :

BNA_G

ClientSampleId :

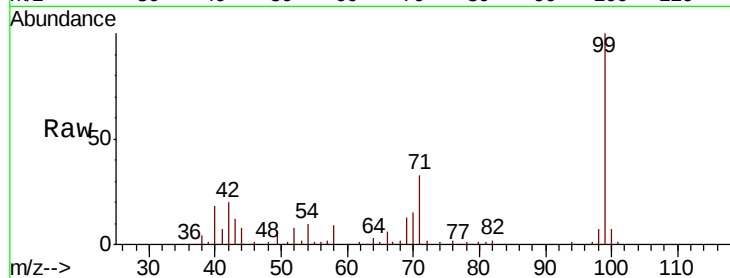
Tot Ion: 99 Resp: 89325

Ion Ratio Lower Upper

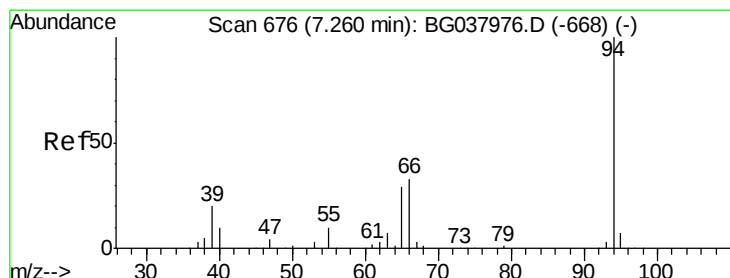
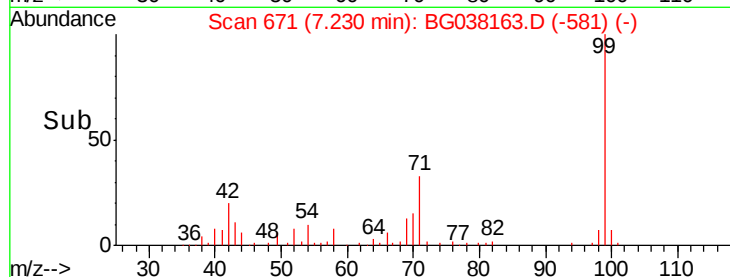
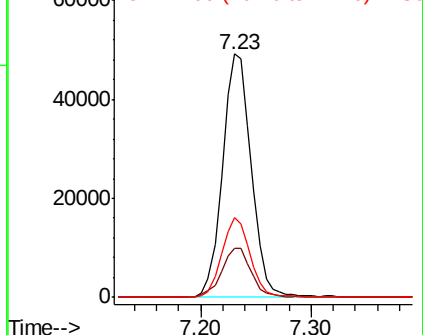
99 100

42 20.2 15.0 22.4

71 32.7 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: 3.883 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038163.D

Acq: 27 Nov 2018 10:13

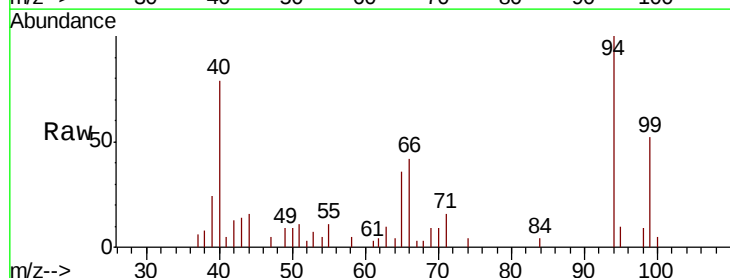
Tgt Ion: 94 Resp: 13556

Ion Ratio Lower Upper

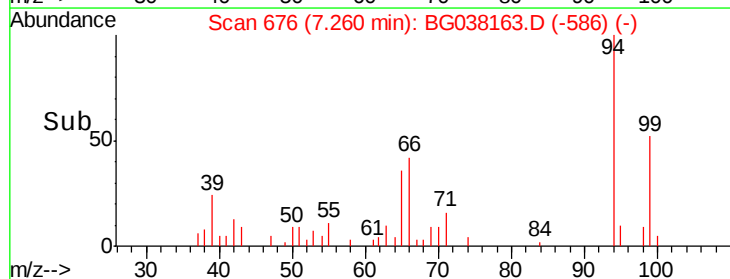
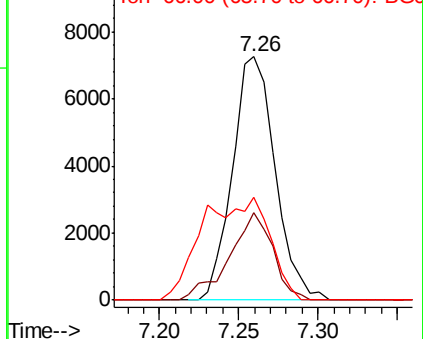
94 100

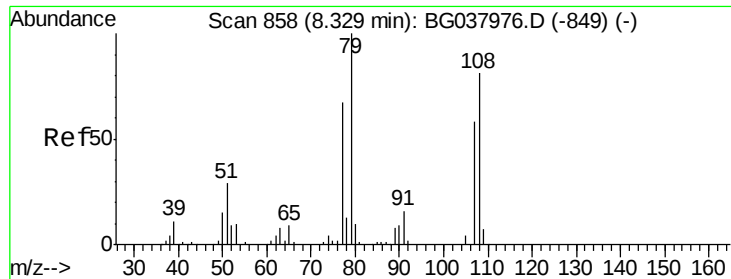
65 36.0 9.7 49.7

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

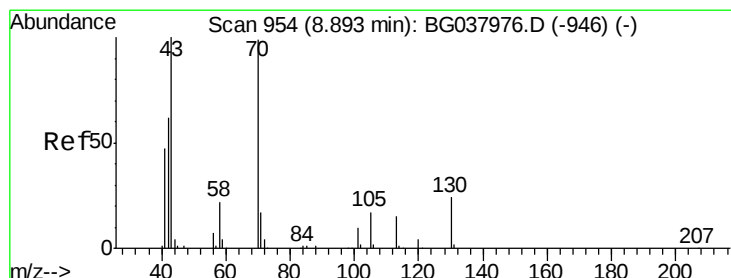
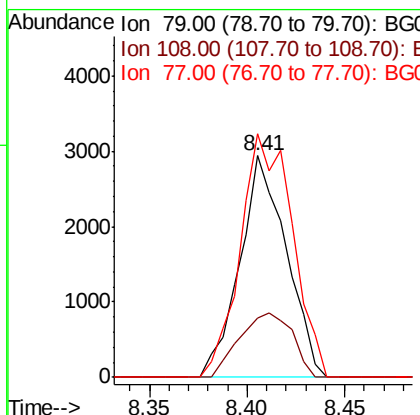
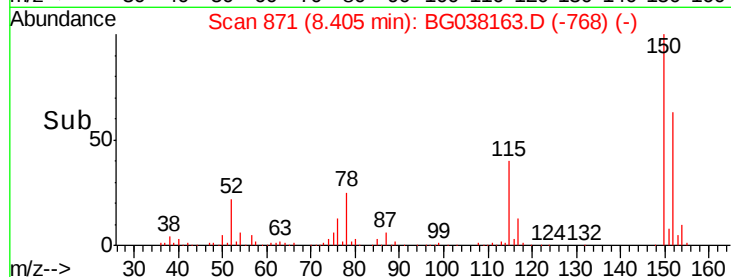
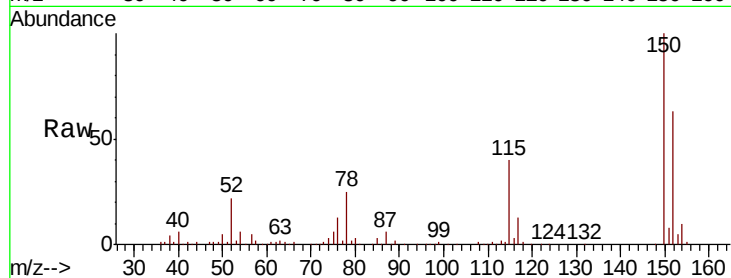




#15
Benzyl Alcohol
Concen: 2.035 ng
RT: 8.41 min Scan# 871
Delta R.T. 0.08 min
Lab File: BG038163.D
Acq: 27 Nov 2018 10:13

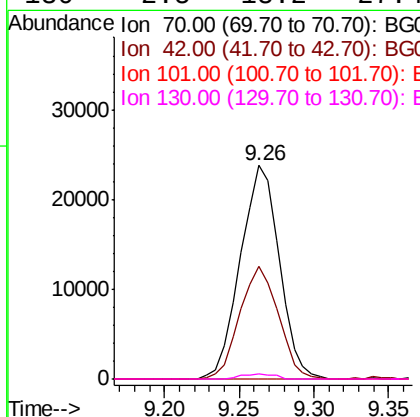
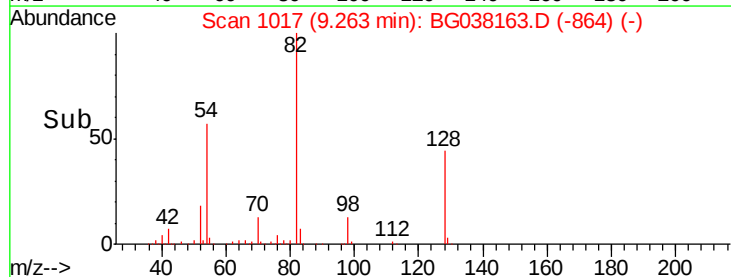
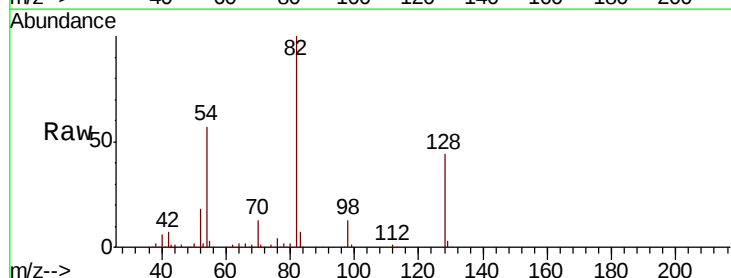
Instrument :
BNA_G
ClientSampleId :

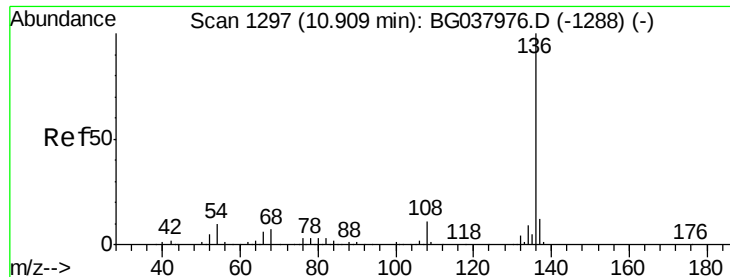
Tot Ion: 79 Resp: 4853
Ion Ratio Lower Upper
79 100
108 26.7 65.8 98.8#
77 110.0 52.9 79.3#



#19
n-Nitroso-di-n-propylamine
Concen: 18.018 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG038163.D
Acq: 27 Nov 2018 10:13

Tgt Ion: 70 Resp: 42968
Ion Ratio Lower Upper
70 100
42 52.5 53.9 80.9#
101 0.0 8.2 12.2#
130 2.5 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: BG038163.D

Acq: 27 Nov 2018 10:13

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 180903

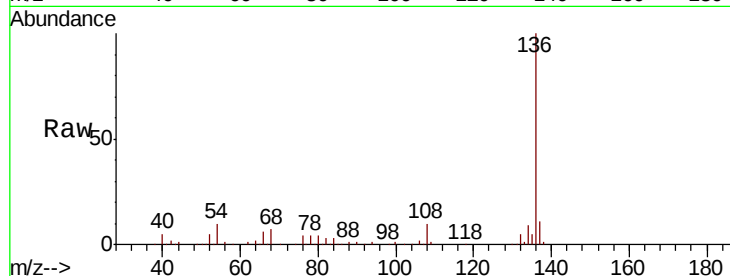
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 10.2 7.9 11.9

68 6.8 4.8 7.2

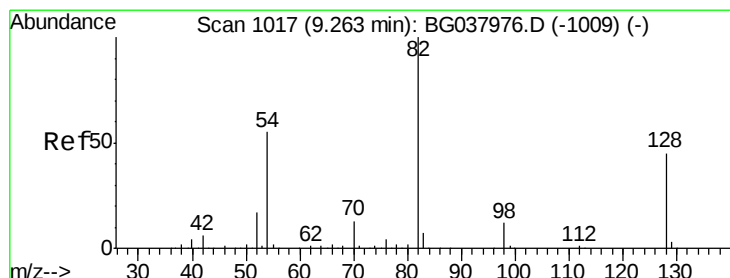
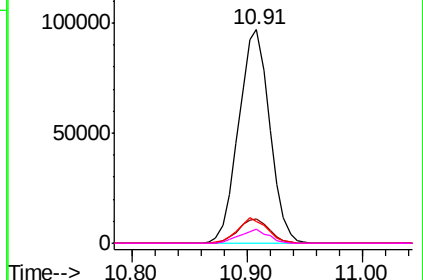
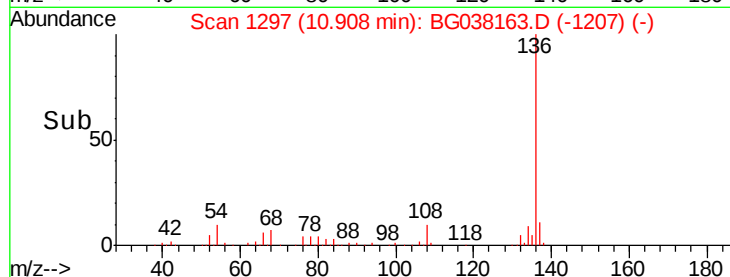


Abundance Ion 136.00 (135.70 to 136.70): E

150000 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: 97.984 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG038163.D

Acq: 27 Nov 2018 10:13

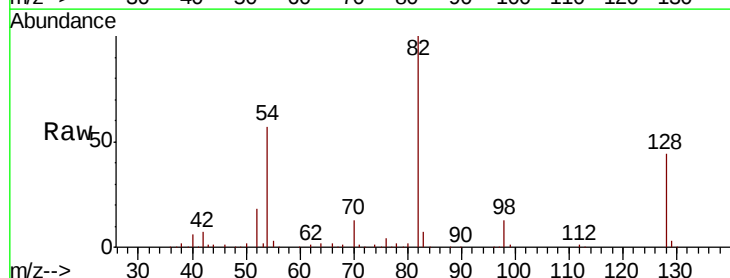
Tgt Ion: 82 Resp: 331132

Ion Ratio Lower Upper

82 100

128 43.6 34.6 51.8

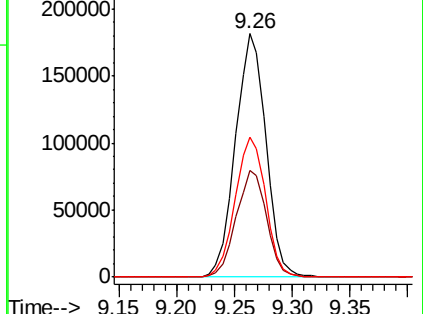
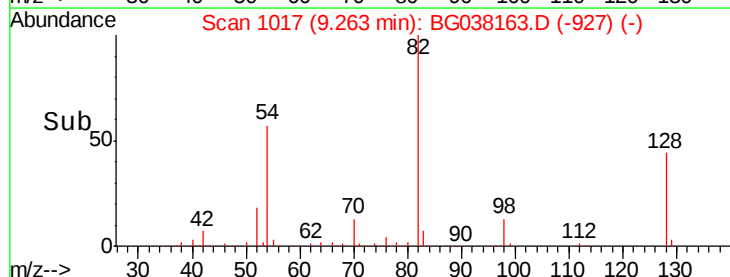
54 57.4 45.3 67.9

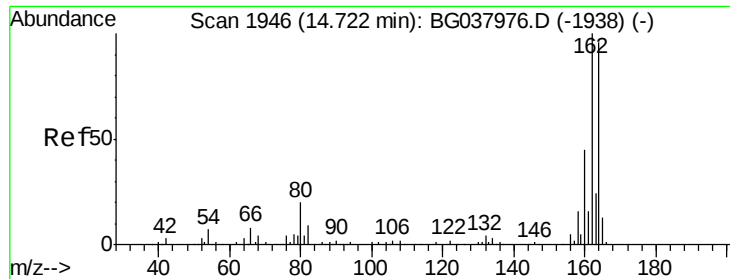


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

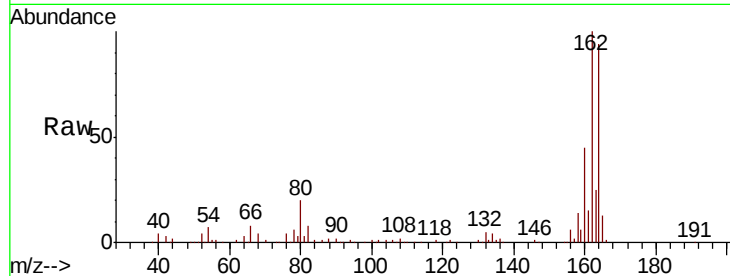




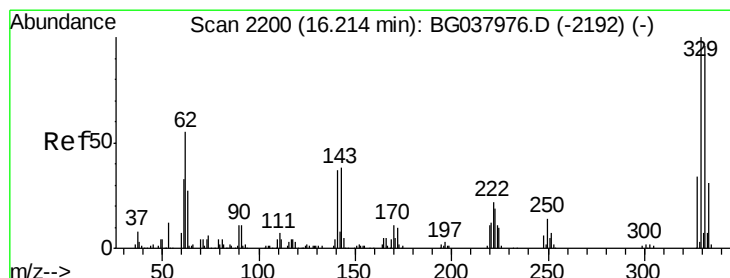
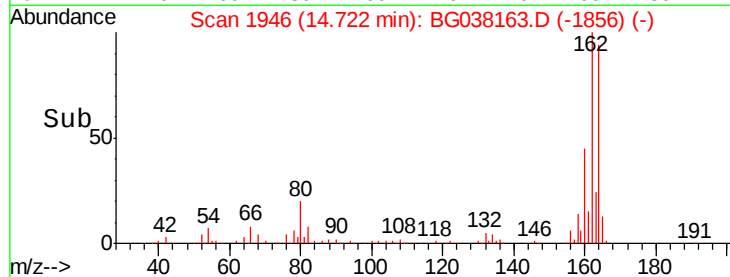
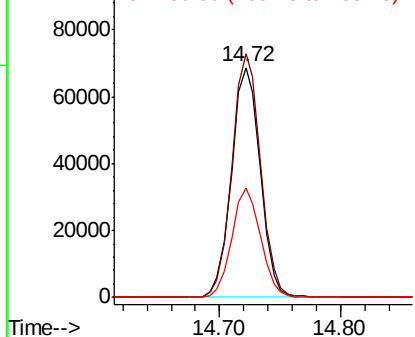
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038163.D
Acq: 27 Nov 2018 10:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 113756
Ion Ratio Lower Upper
164 100
162 105.8 81.3 121.9
160 47.3 36.3 54.5

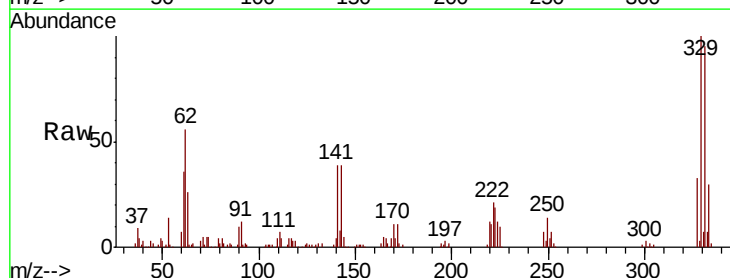


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

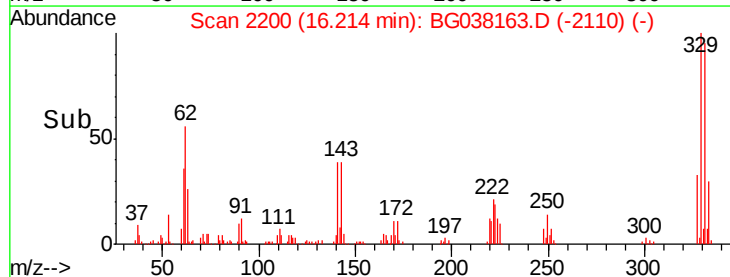
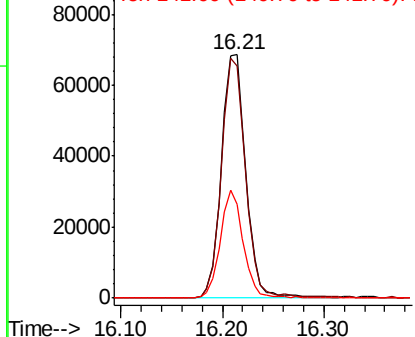


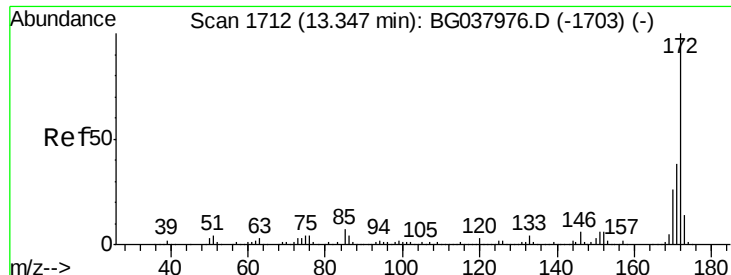
#42
2,4,6-Tribromophenol
Concen: 88.699 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG038163.D
Acq: 27 Nov 2018 10:13

Tgt Ion:330 Resp: 115074
Ion Ratio Lower Upper
330 100
332 96.7 78.4 117.6
141 41.5 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

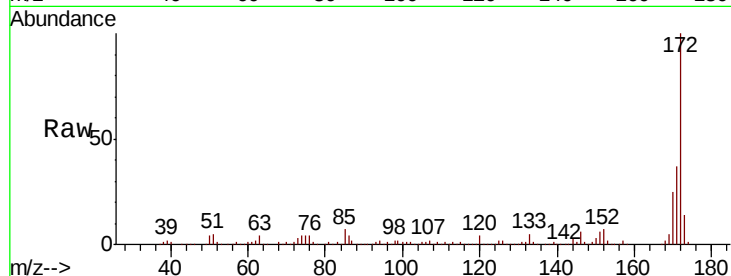




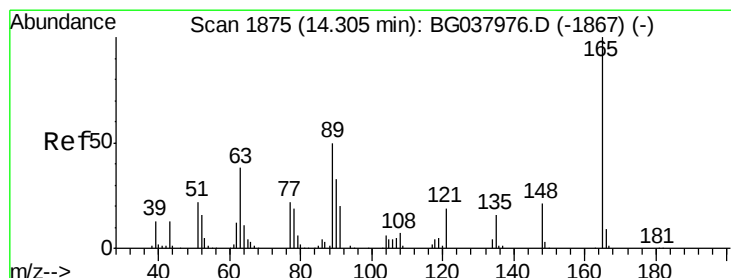
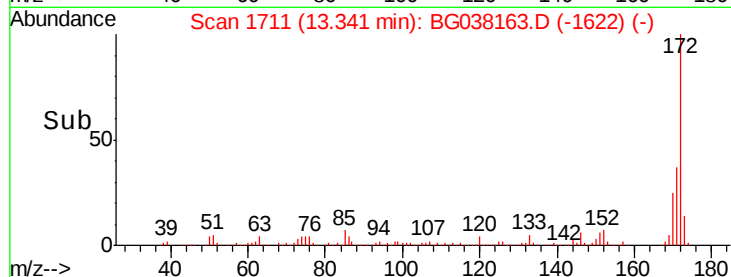
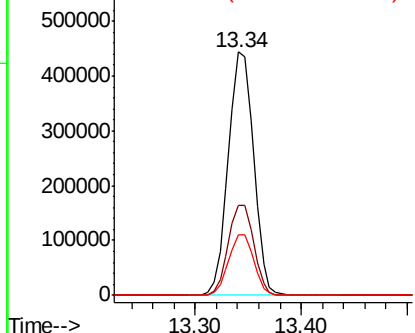
#45
 2-Fluorobiphenyl
 Concen: 94.414 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038163.D
 Acq: 27 Nov 2018 10:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 737220
 Ion Ratio Lower Upper
 172 100
 171 36.9 31.0 46.4
 170 24.7 20.2 30.2

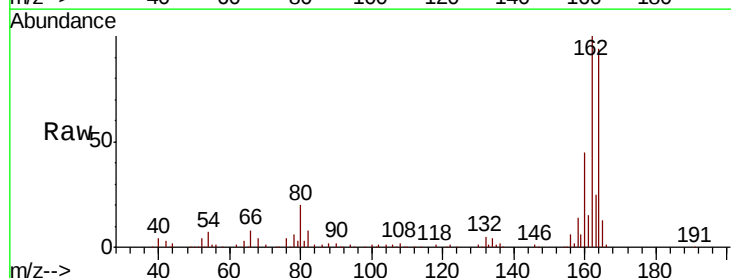


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

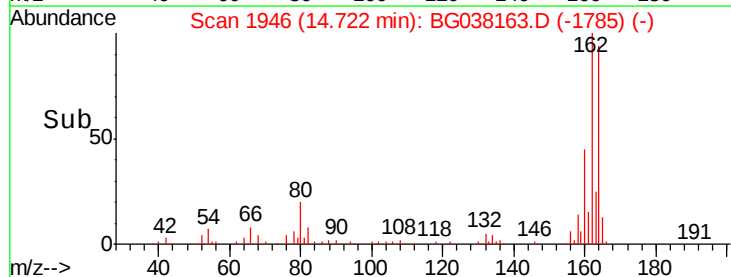
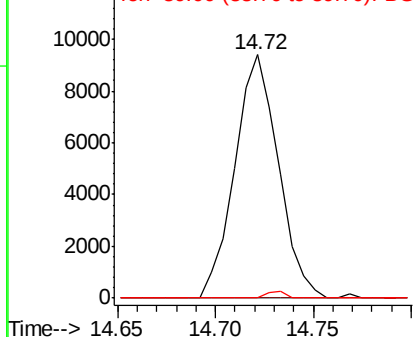


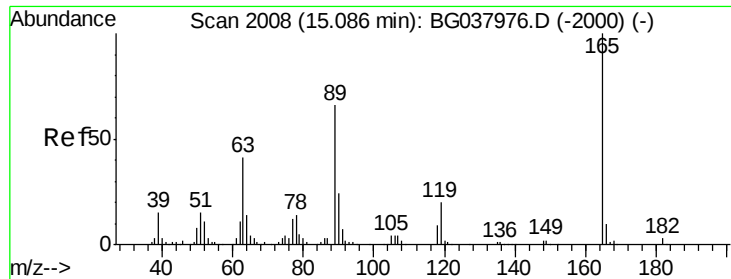
#51
 2,6-Dinitrotoluene
 Concen: 7.114 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038163.D
 Acq: 27 Nov 2018 10:13

Tgt Ion:165 Resp: 14520
 Ion Ratio Lower Upper
 165 100
 63 0.0 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): BG
 Ion 89.00 (88.70 to 89.70): BG

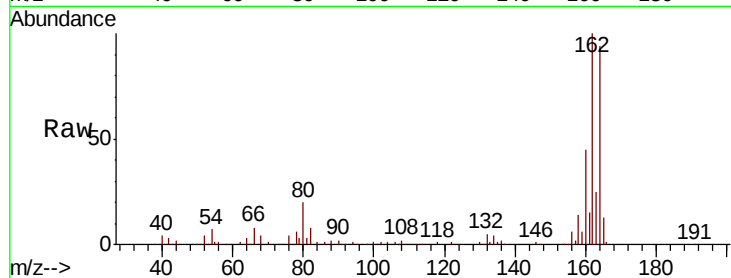




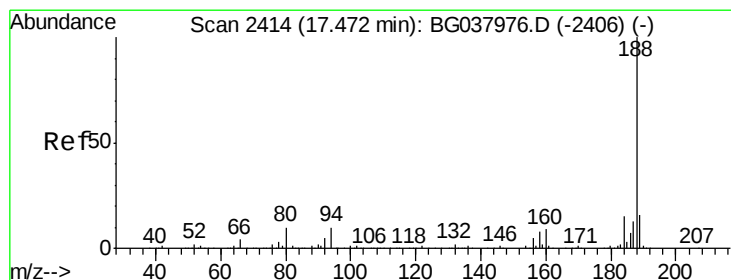
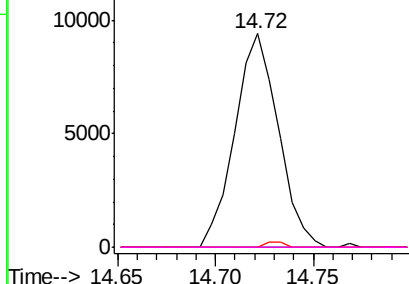
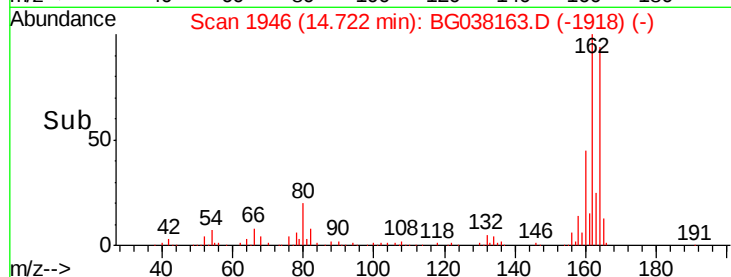
#57
2,4-Dinitrotoluene
Concen: 5.229 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.36 min
Lab File: BG038163.D
Acq: 27 Nov 2018 10:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 14520
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#

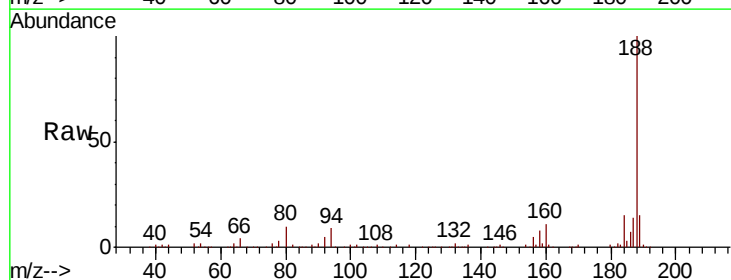


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

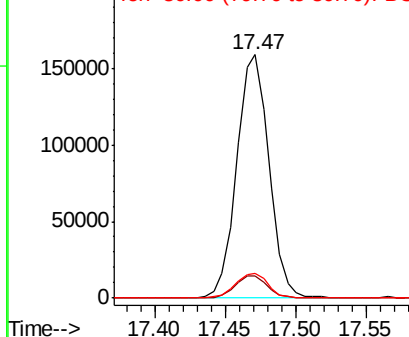
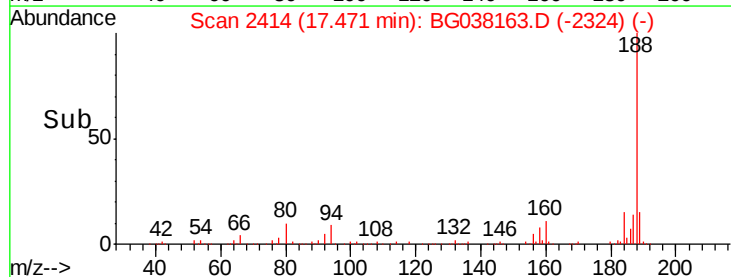


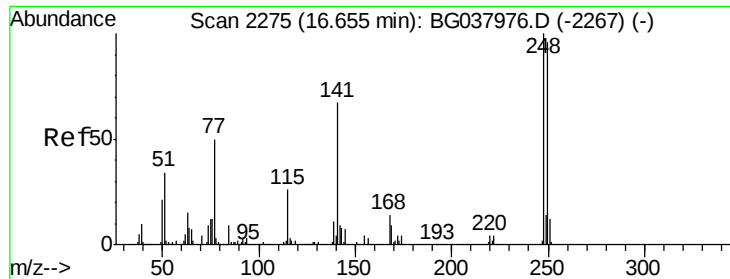
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG038163.D
Acq: 27 Nov 2018 10:13

Tgt Ion:188 Resp: 253422
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 10.3 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

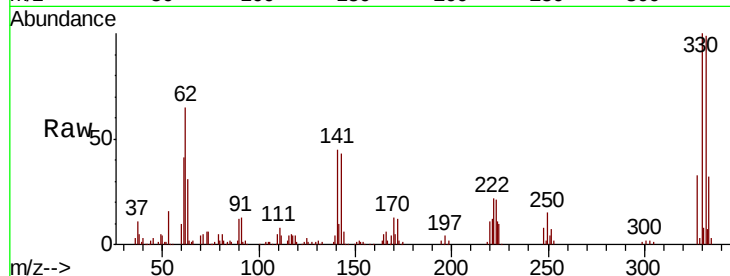




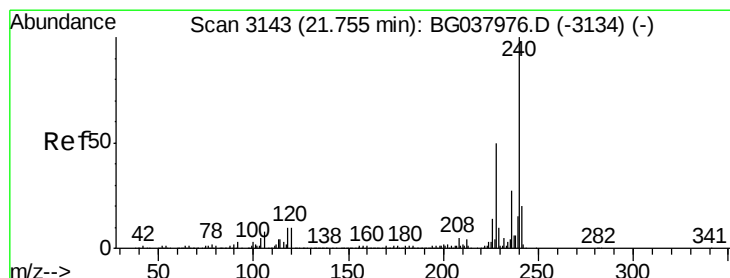
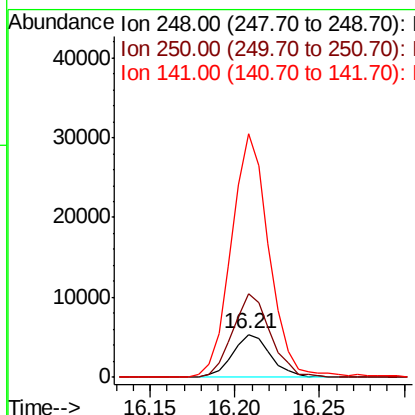
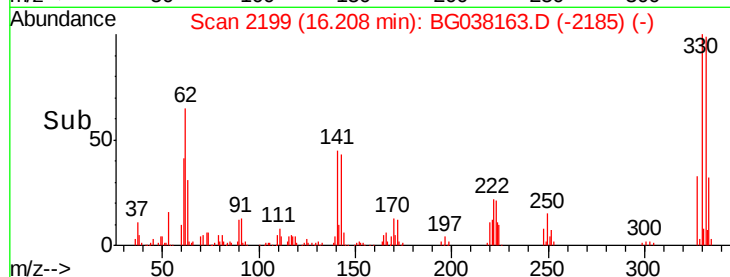
#67
4-Bromophenyl-phenylether
Concen: 3.020 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG038163.D
Acq: 27 Nov 2018 10:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 8399
Ion Ratio Lower Upper
248 100
250 199.0 77.0 115.6#
141 452.6 55.5 83.3#

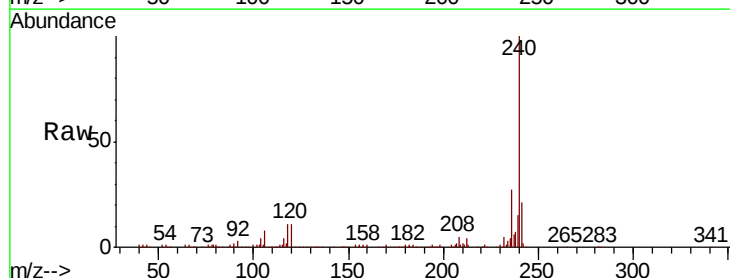


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

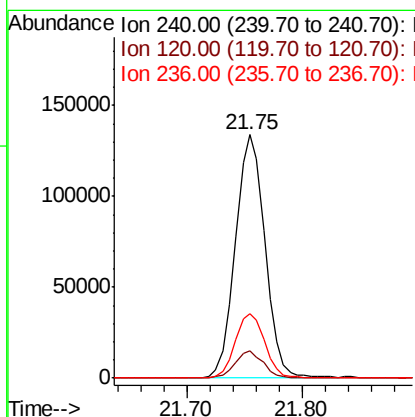
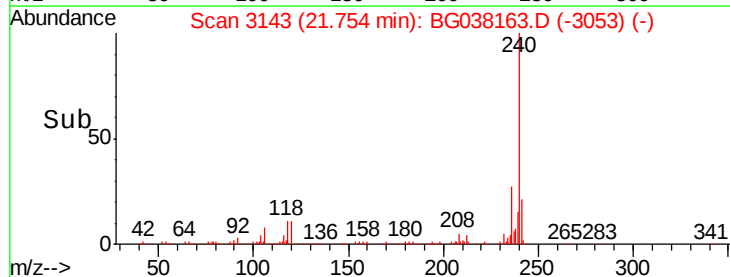


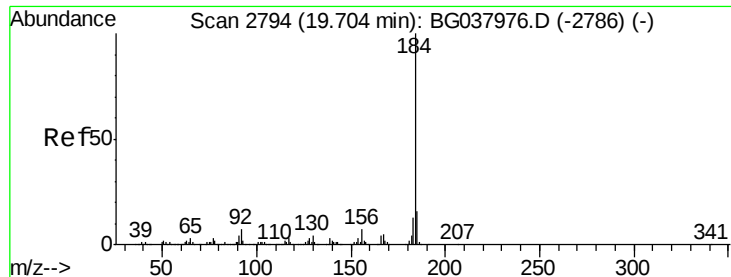
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG038163.D
Acq: 27 Nov 2018 10:13

Tgt Ion:240 Resp: 237898
Ion Ratio Lower Upper
240 100
120 11.1 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: 2.157 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.36 min

Lab File: BG038163.D

Acq: 27 Nov 2018 10:13

Instrument :

BNA_G

ClientSampleId :

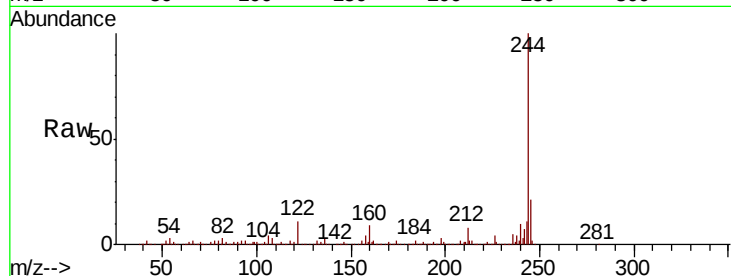
Tot Ion:184 Resp: 18002

Ion Ratio Lower Upper

184 100

185 16.6 12.6 18.8

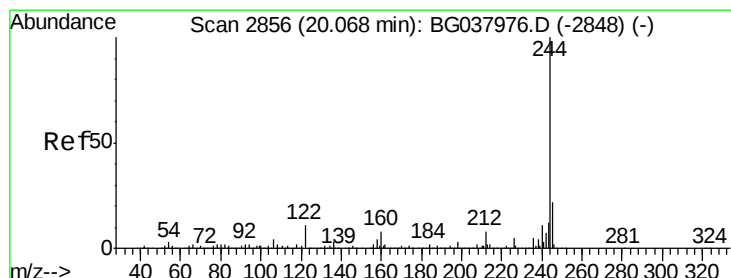
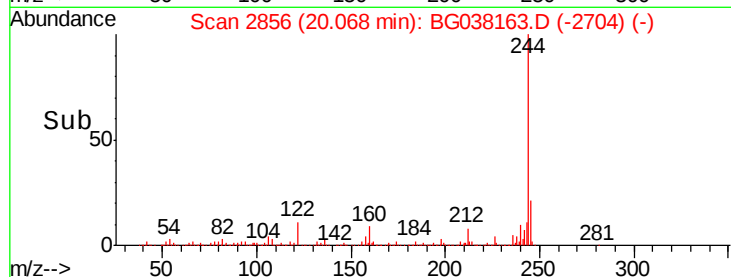
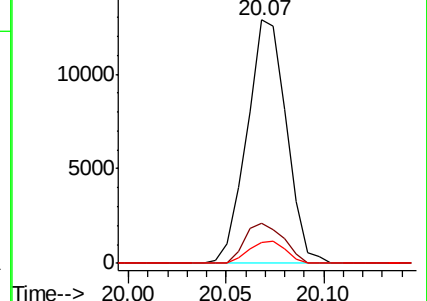
183 8.4 10.2 15.2#



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: 102.854 ng

RT: 20.07 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BG038163.D

Acq: 27 Nov 2018 10:13

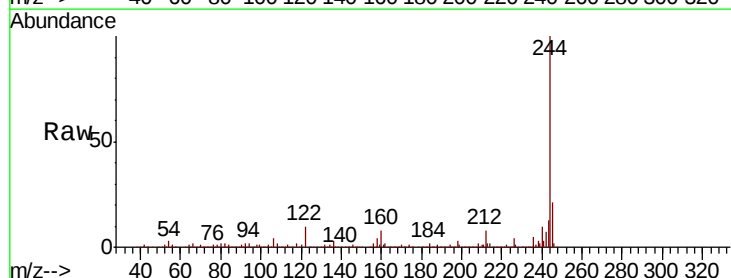
Tgt Ion:244 Resp: 1039888

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

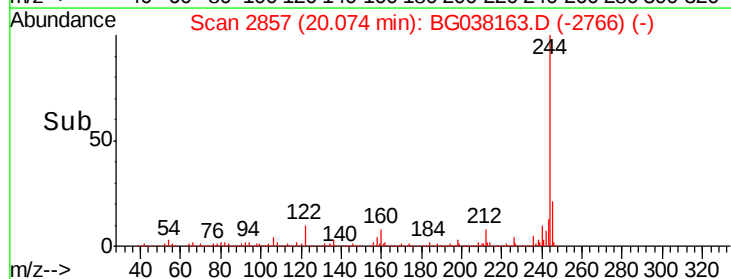
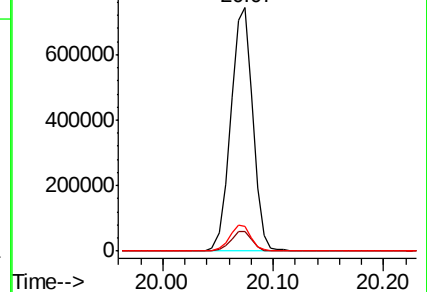
122 10.0 9.0 13.4

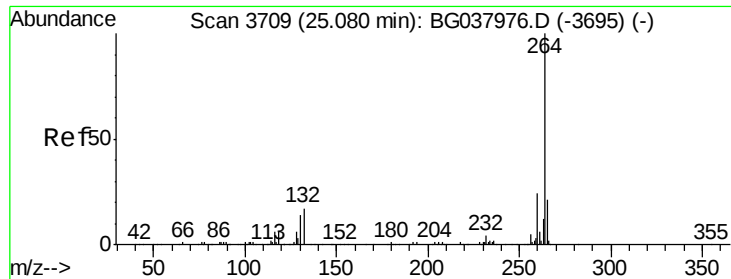


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.00 min
Lab File: BG038163.D
Acq: 27 Nov 2018 10:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	21.2	17.9	26.9

