

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
 Data File : BG038227.D
 Acq On : 29 Nov 2018 9:50
 Operator : JU/SJ
 Sample : J6069-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 29 12:14:57 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

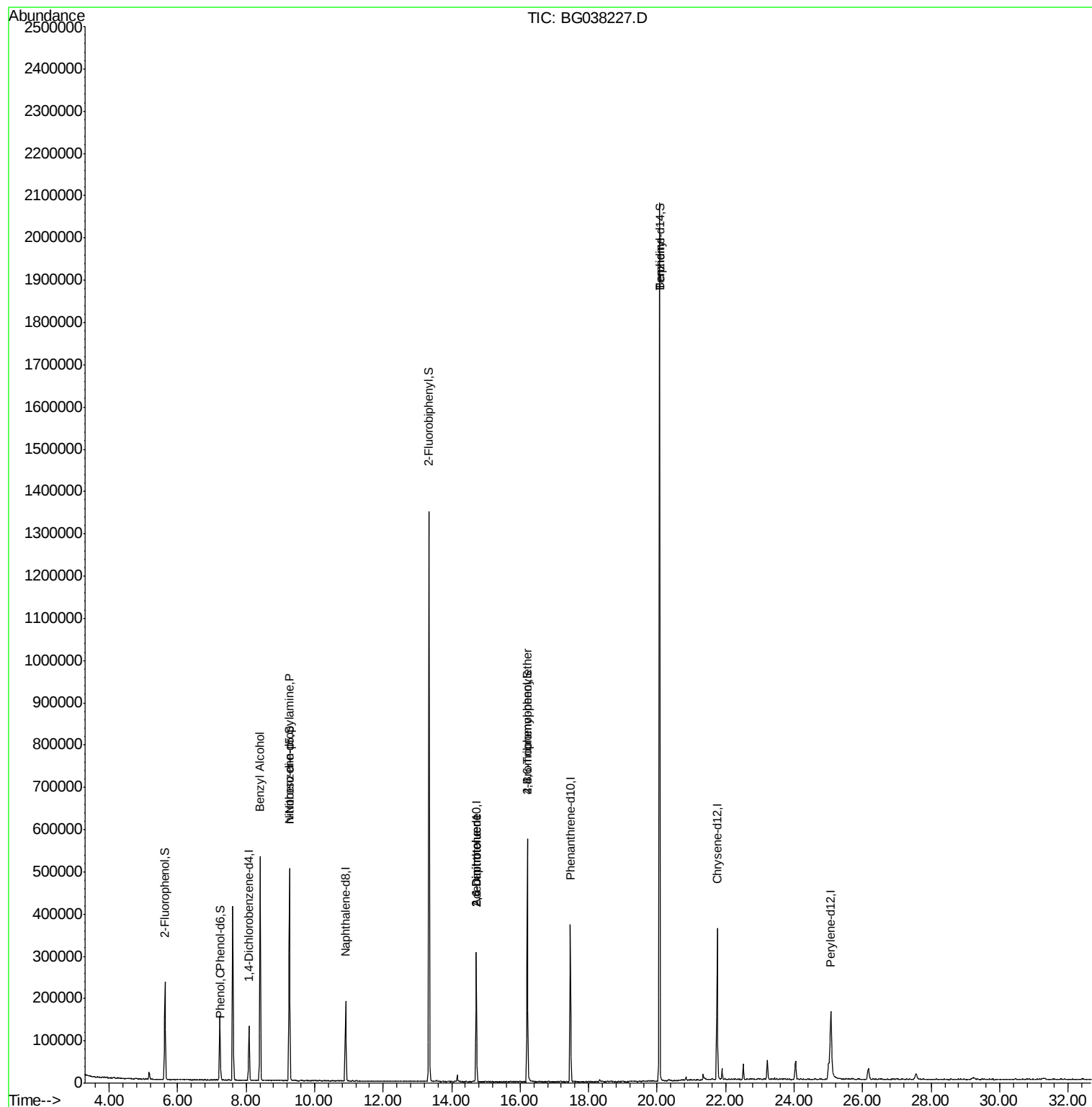
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	36051	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	171157	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	108398	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	240175	20.00	ng	0.00
76) Chrysene-d12	21.75	240	231033	20.00	ng	0.00
87) Perylene-d12	25.07	264	223522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	103692	49.66	ng	0.00
7) Phenol-d6	7.23	99	93589	31.40	ng	0.00
23) Nitrobenzene-d5	9.26	82	313983	98.20	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	103602	83.80	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	707059	95.03	ng	0.00
79) Terphenyl-d14	20.07	244	1018825	103.76	ng	0.00
Target Compounds						
10) Phenol	7.26	94	7315	2.317	ng	86
15) Benzyl Alcohol	8.41	79	4622	2.143	ng	# 55
19) n-Nitroso-di-n-propylamine	9.26	70	41160	19.085	ng	# 76
51) 2,6-Dinitrotoluene	14.72	165	14251	7.327	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	14251	5.385	ng	# 25
67) 4-Bromophenyl-phenylether	16.20	248	7594	2.881	ng	# 1
77) Benizidine	20.07	184	18172	2.242	ng	# 95

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

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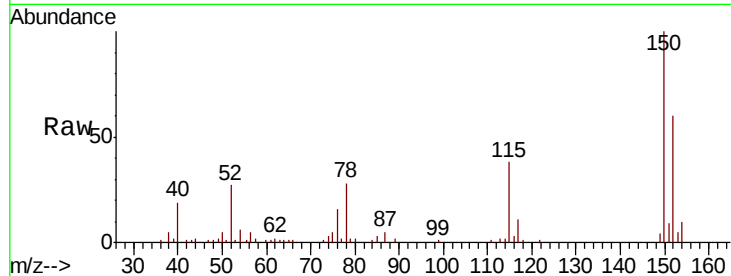


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG038227.D
 Acq: 29 Nov 2018 9:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	168.1	126.0	189.0
115	64.0	45.5	68.3

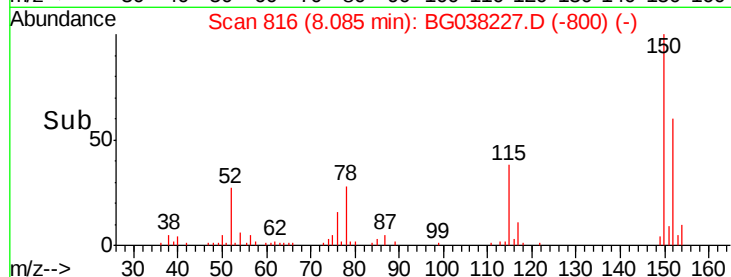
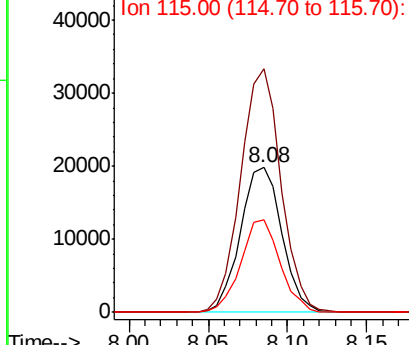


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

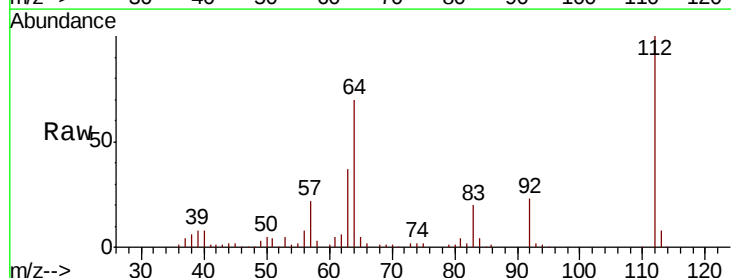
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 49.660 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BG038227.D
 Acq: 29 Nov 2018 9:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	53.1	79.7
63	37.1	27.3	40.9

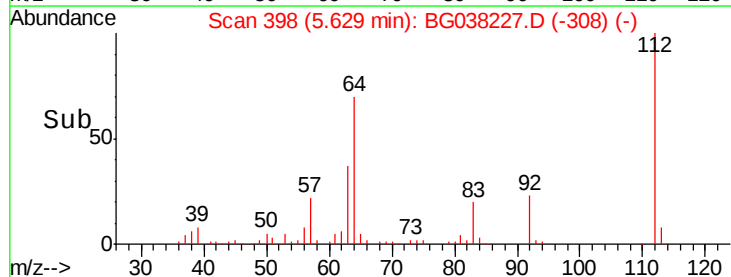
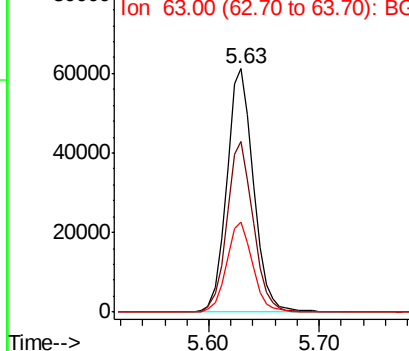


Abundance

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: 31.400 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038227.D

Acq: 29 Nov 2018 9:50

Instrument :

BNA_G

ClientSampleId :

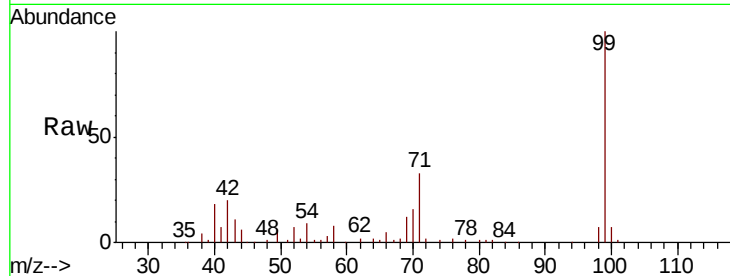
Tot Ion: 99 Resp: 93589

Ion Ratio Lower Upper

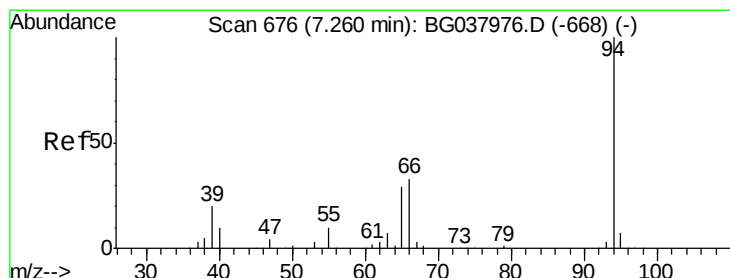
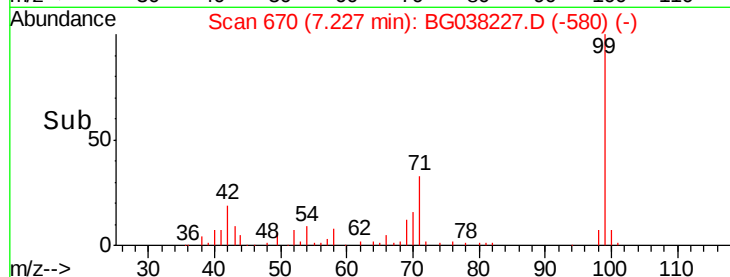
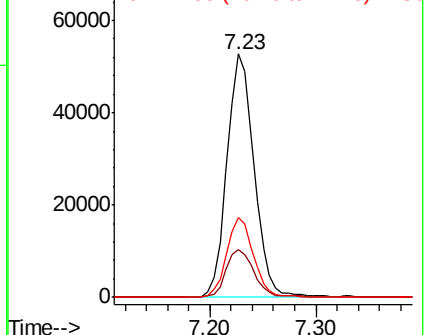
99 100

42 19.6 15.0 22.4

71 32.9 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: 2.317 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG038227.D

Acq: 29 Nov 2018 9:50

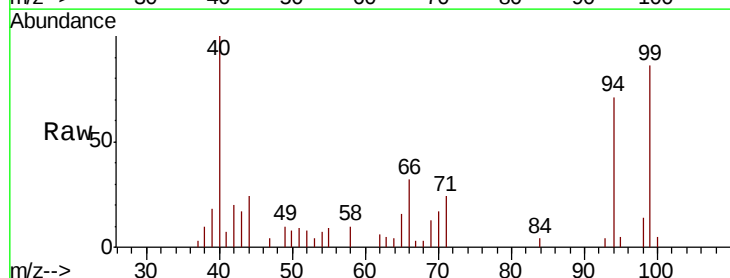
Tgt Ion: 94 Resp: 7315

Ion Ratio Lower Upper

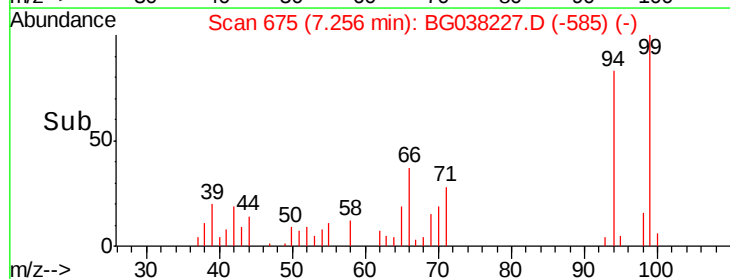
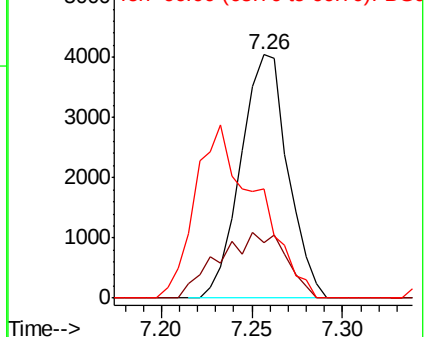
94 100

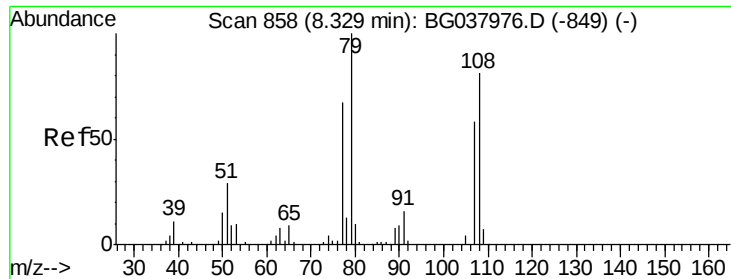
65 23.0 9.7 49.7

66 45.1 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: 2.143 ng

RT: 8.41 min Scan# 871

Delta R.T. 0.08 min

Lab File: BG038227.D

Acq: 29 Nov 2018 9:50

Instrument :

BNA_G

ClientSampleId :

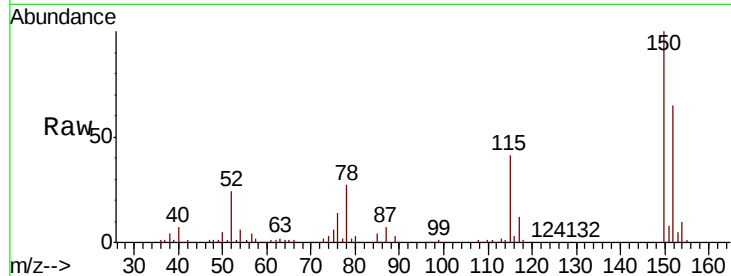
Tot Ion: 79 Resp: 4622

Ion Ratio Lower Upper

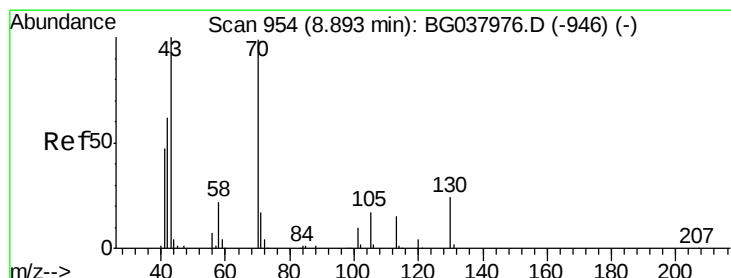
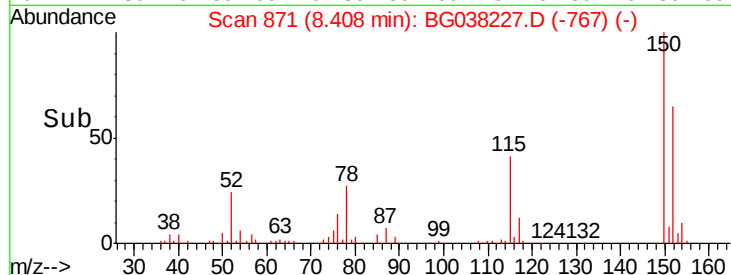
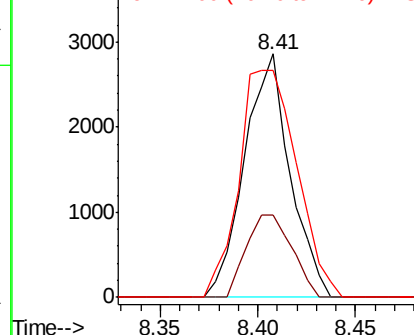
79 100

108 33.7 65.8 98.8#

77 93.1 52.9 79.3#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 19.085 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.37 min

Lab File: BG038227.D

Acq: 29 Nov 2018 9:50

Tgt Ion: 70 Resp: 41160

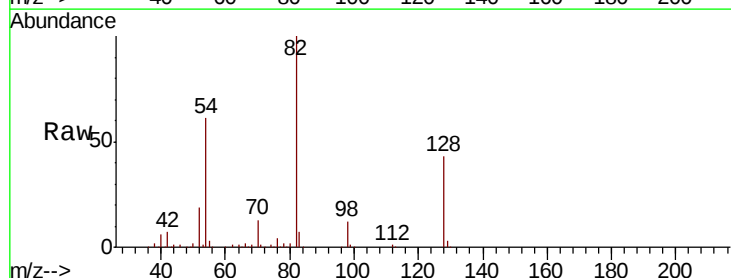
Ion Ratio Lower Upper

70 100

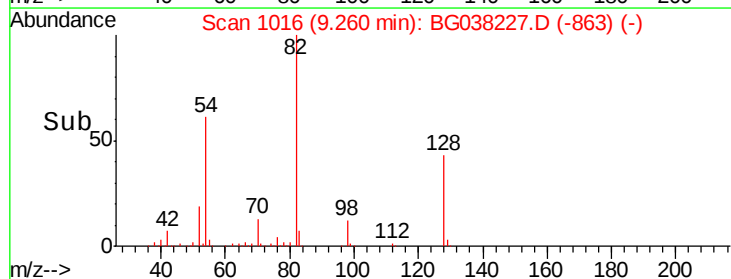
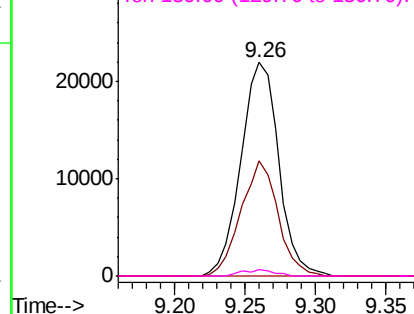
42 53.7 53.9 80.9#

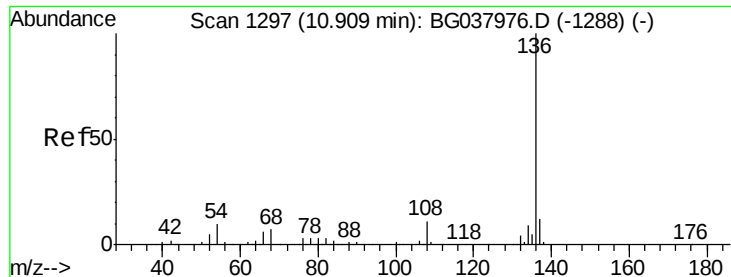
101 0.0 8.2 12.2#

130 2.7 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG038227.D

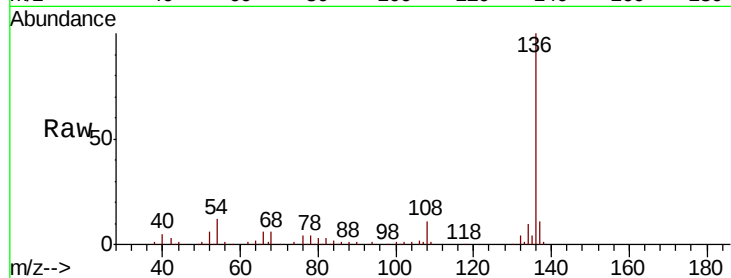
Acq: 29 Nov 2018 9:50

Instrument :

BNA_G

ClientSampled :

Tot Ion:	136	Resp:	171157
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	12.1	7.9	11.9#
68	6.1	4.8	7.2

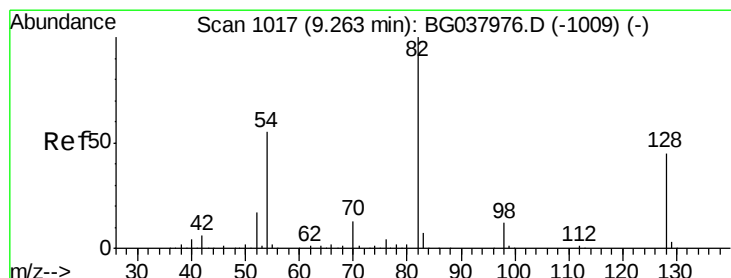
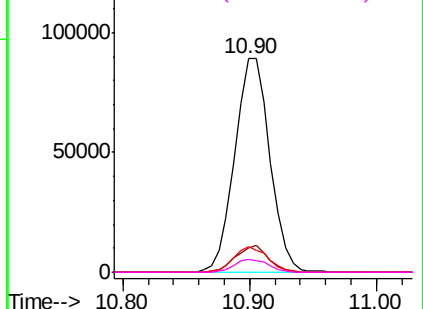
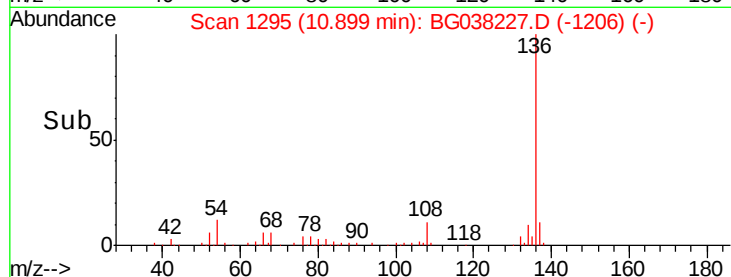


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.200 ng

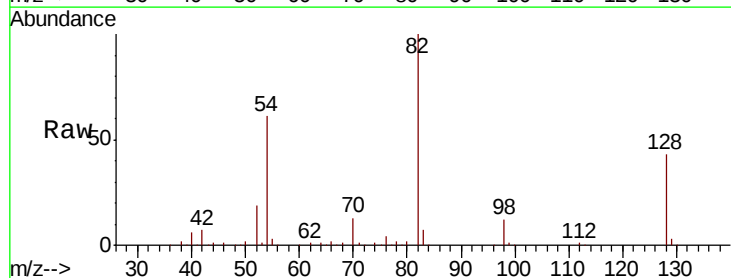
RT: 9.26 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG038227.D

Acq: 29 Nov 2018 9:50

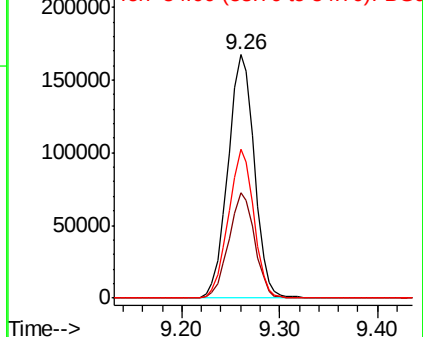
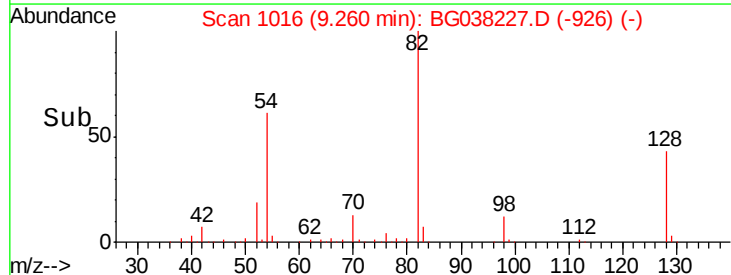
Tgt Ion:	82	Resp:	313983
Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	51.8
54	61.3	45.3	67.9

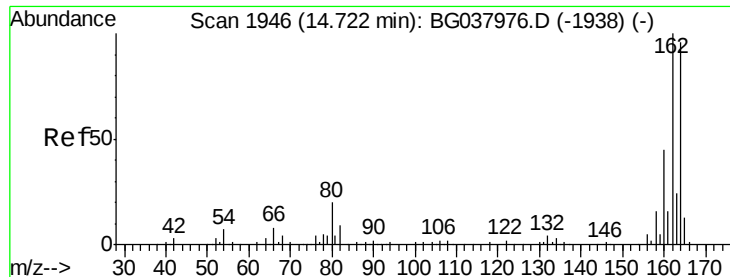


Abundance Ion 82.00 (81.70 to 82.70): BGC

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# 1945

Delta R.T. -0.00 min

Lab File: BG038227.D

Acq: 29 Nov 2018 9:50

Instrument :

BNA_G

ClientSampleId :

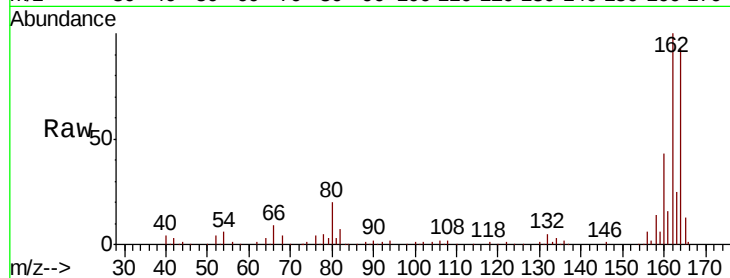
Tot Ion:164 Resp: 108398

Ion Ratio Lower Upper

164 100

162 108.0 81.3 121.9

160 45.9 36.3 54.5

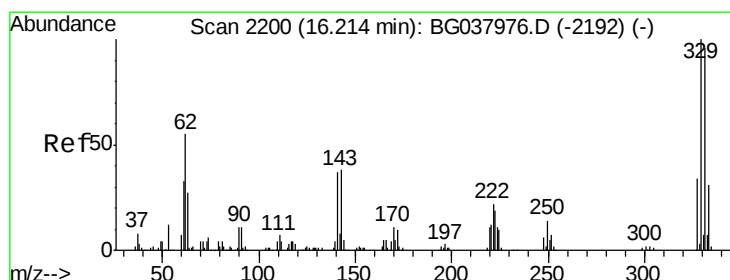
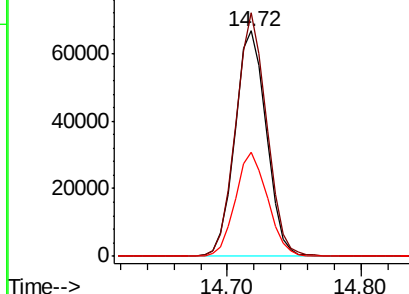
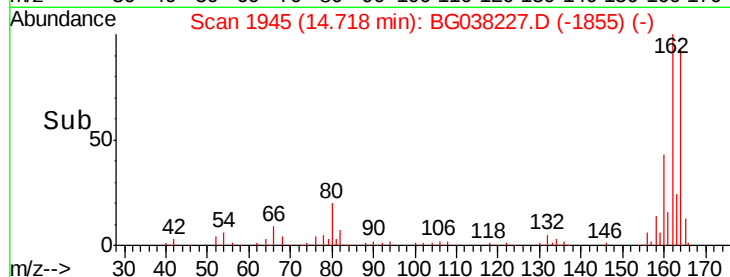


Abundance

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: 83.803 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038227.D

Acq: 29 Nov 2018 9:50

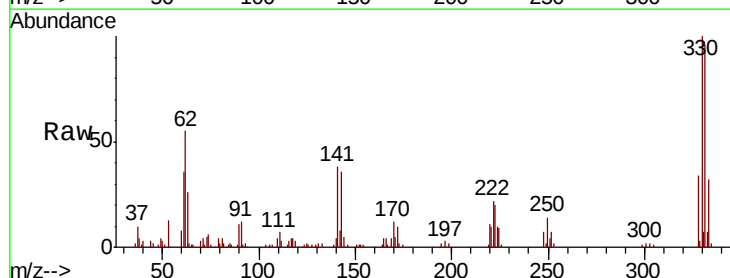
Tgt Ion:330 Resp: 103602

Ion Ratio Lower Upper

330 100

332 98.1 78.4 117.6

141 41.4 32.2 48.2

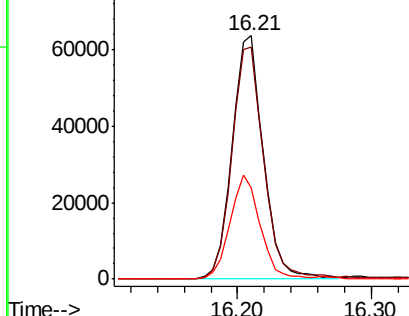
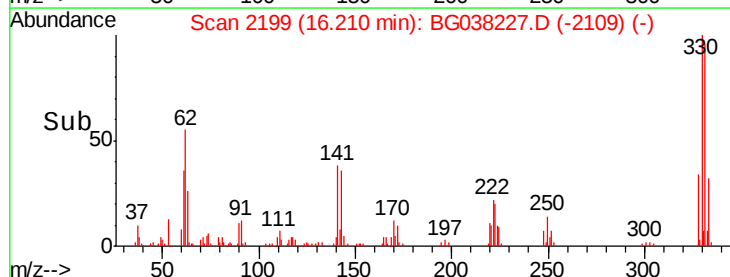


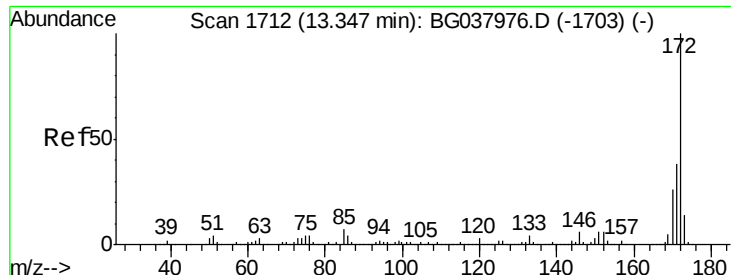
Abundance

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

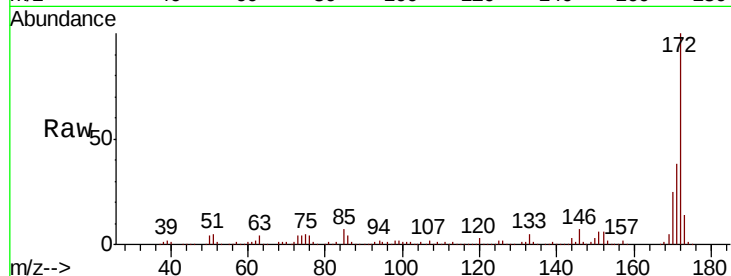




#45
2-Fluorobiphenyl
Concen: 95.028 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG038227.D
Acq: 29 Nov 2018 9:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.4	20.2	30.2

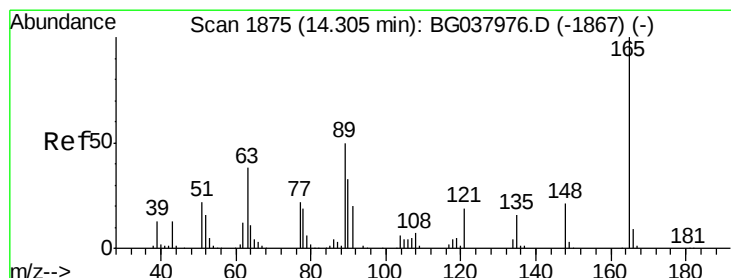
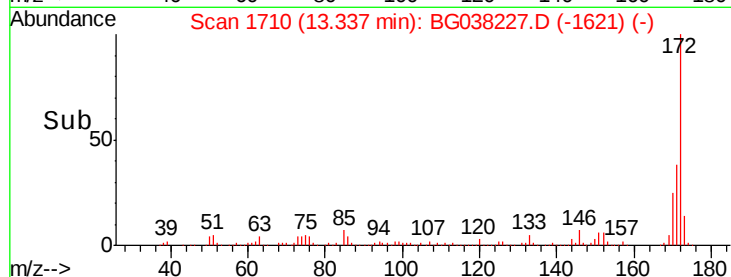
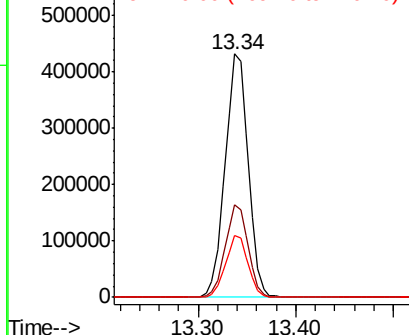


Abundance

Ion 172.00 (171.70 to 172.70): E

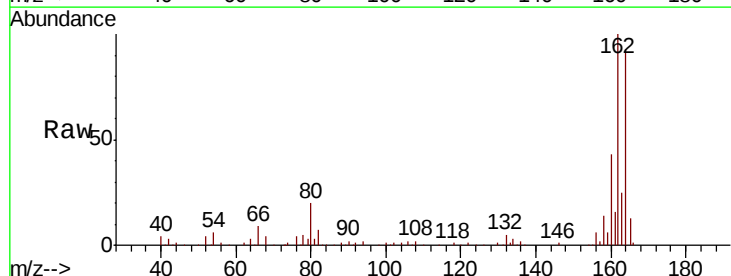
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#51
2,6-Dinitrotoluene
Concen: 7.327 ng
RT: 14.72 min Scan# 1945
Delta R.T. 0.41 min
Lab File: BG038227.D
Acq: 29 Nov 2018 9:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.8	45.8	68.6#

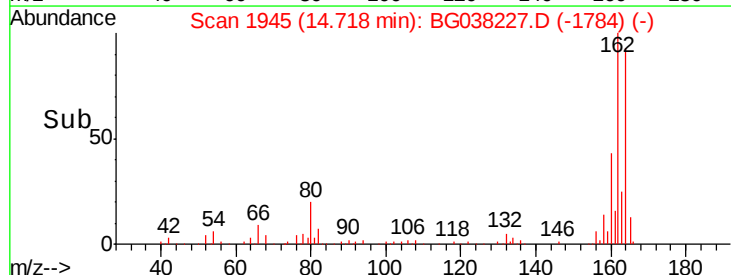
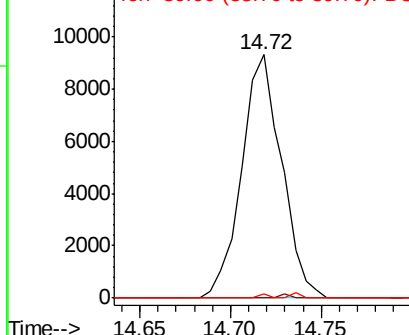


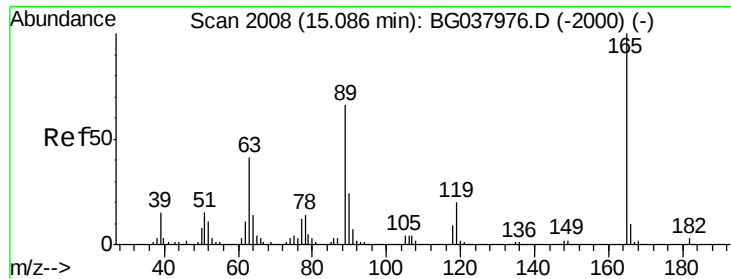
Abundance

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

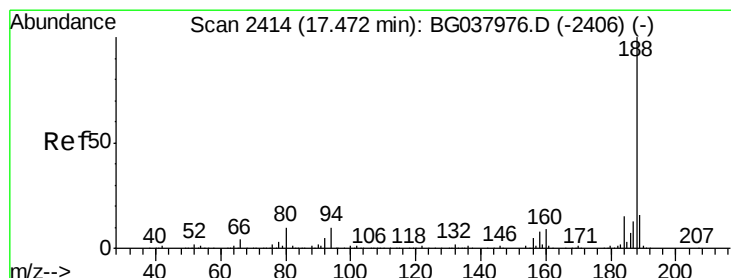
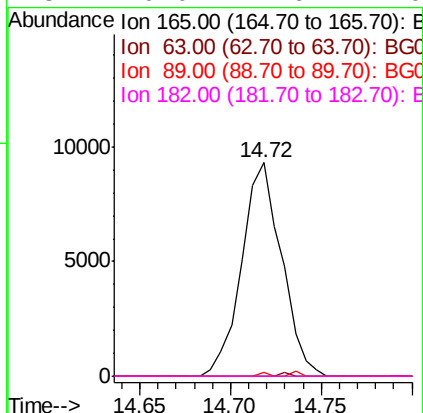
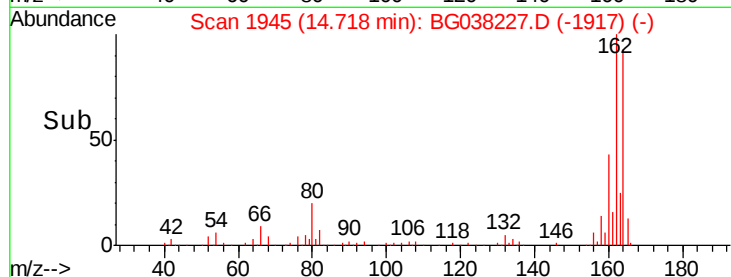
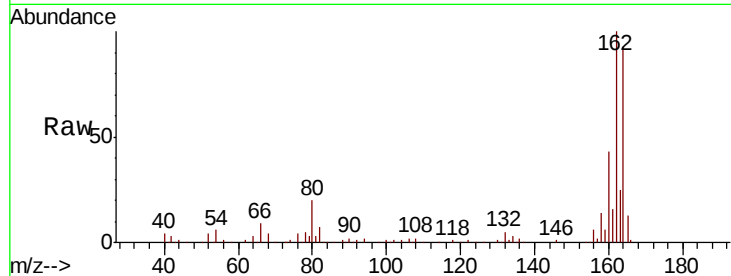




#57
 2,4-Dinitrotoluene
 Concen: 5.385 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038227.D
 Acq: 29 Nov 2018 9:50

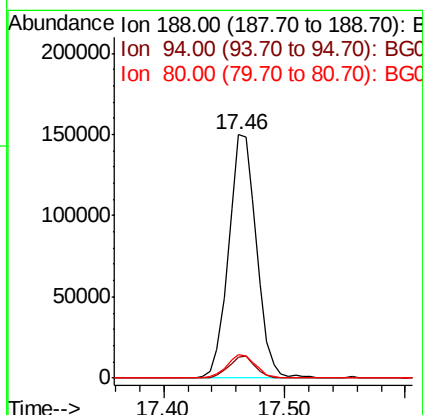
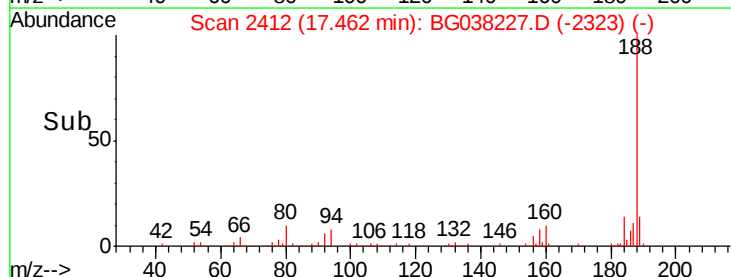
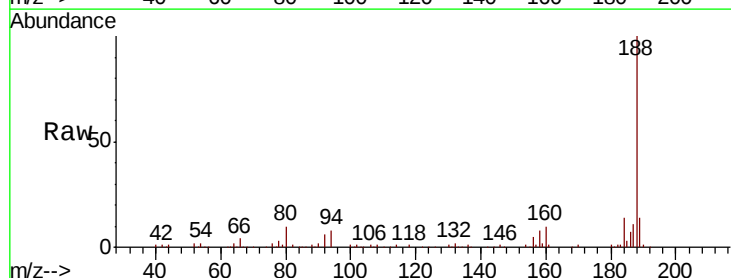
Instrument :
 BNA_G
 ClientSampleId :

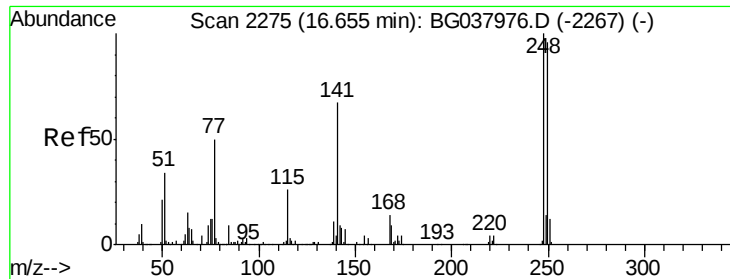
Tot Ion:	165	Resp:	14251
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.8	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG038227.D
 Acq: 29 Nov 2018 9:50

Tgt Ion:	188	Resp:	240175
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	9.6	7.7	11.5

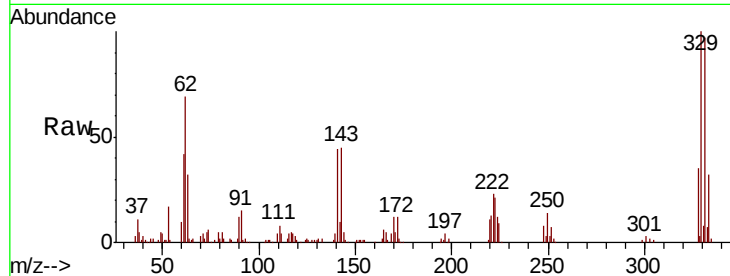




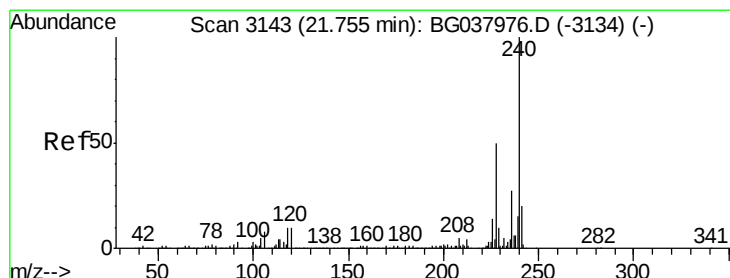
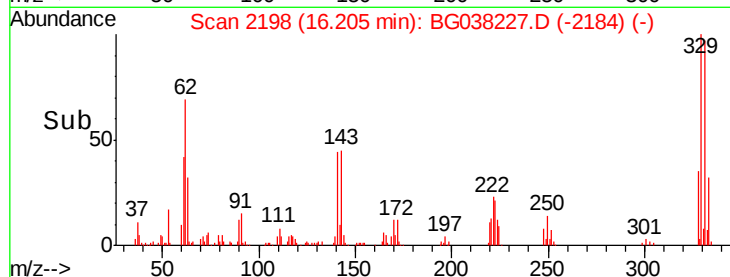
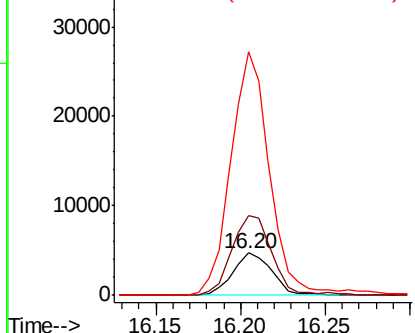
#67
 4-Bromophenyl-phenylether
 Concen: 2.881 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG038227.D
 Acq: 29 Nov 2018 9:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 7594
 Ion Ratio Lower Upper
 248 100
 250 172.6 77.0 115.6#
 141 425.1 55.5 83.3#

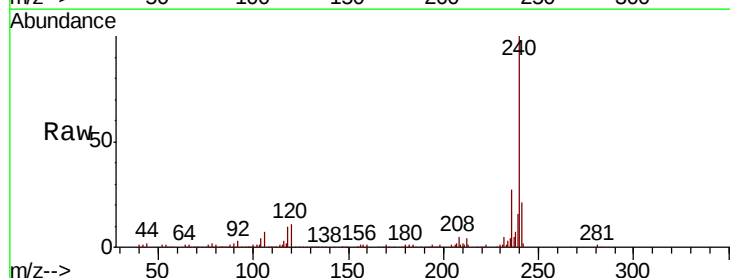


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

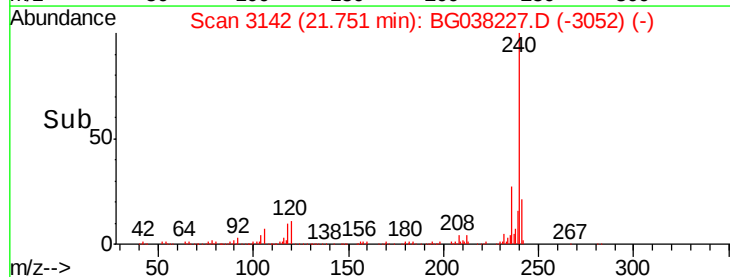
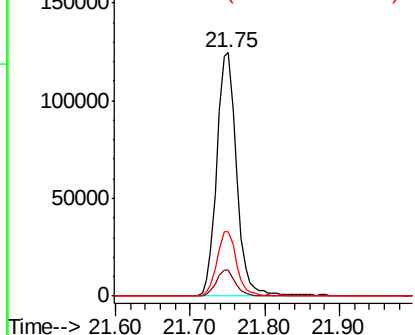


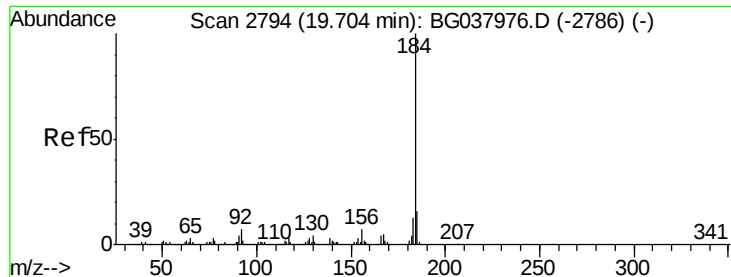
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG038227.D
 Acq: 29 Nov 2018 9:50

Tgt Ion:240 Resp: 231033
 Ion Ratio Lower Upper
 240 100
 120 10.6 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

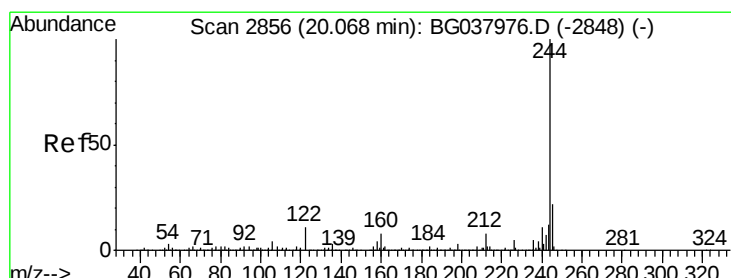
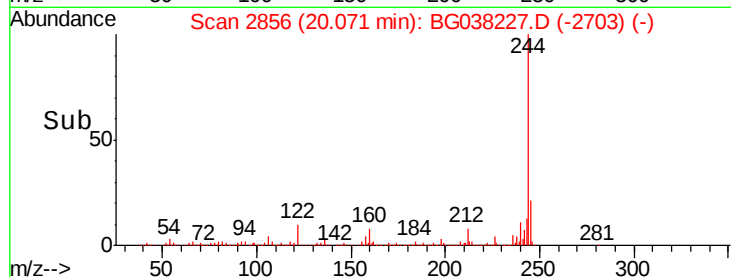
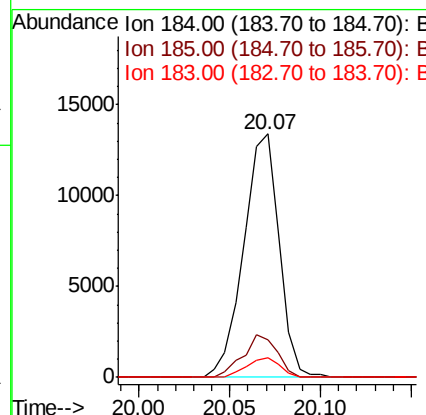
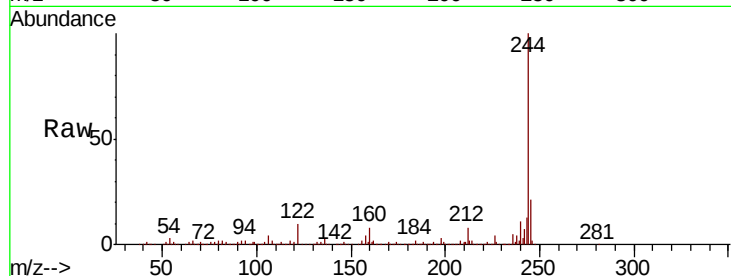




#77
Benzidine
Concen: 2.242 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.37 min
Lab File: BG038227.D
Acq: 29 Nov 2018 9:50

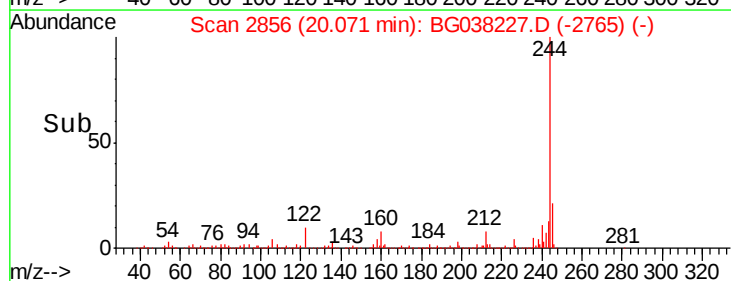
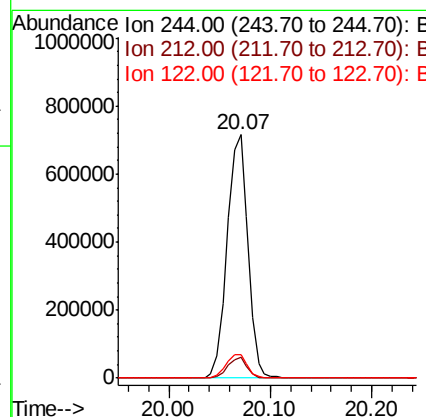
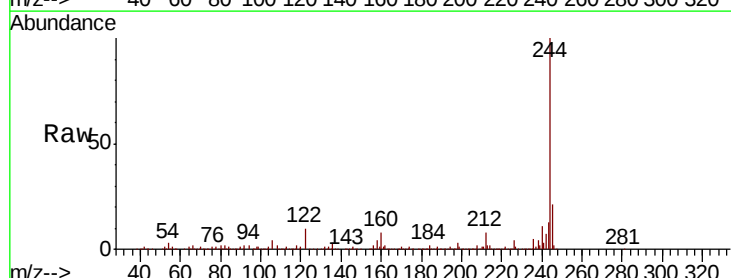
Instrument :
BNA_G
ClientSampleId :

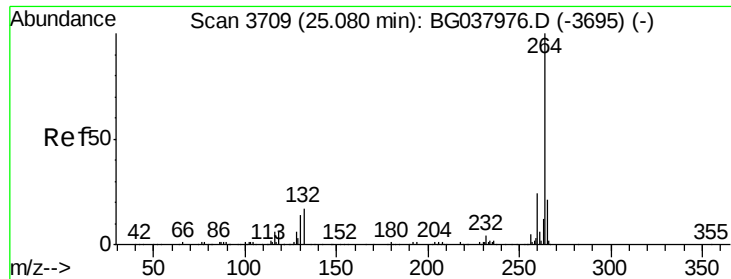
Tot Ion:184 Resp: 18172
Ion Ratio Lower Upper
184 100
185 15.6 12.6 18.8
183 8.1 10.2 15.2#



#79
Terphenyl-d14
Concen: 103.765 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038227.D
Acq: 29 Nov 2018 9:50

Tgt Ion:244 Resp: 1018825
Ion Ratio Lower Upper
244 100
212 8.4 6.5 9.7
122 9.8 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG038227.D
Acq: 29 Nov 2018 9:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	22.6	17.9	26.9

