

Data File : BG038814.D
Acq On : 22 Dec 2018 12:37
Operator : JU/SJ
Sample : J6191-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-07-122018-A

Quant Time: Dec 24 03:55:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

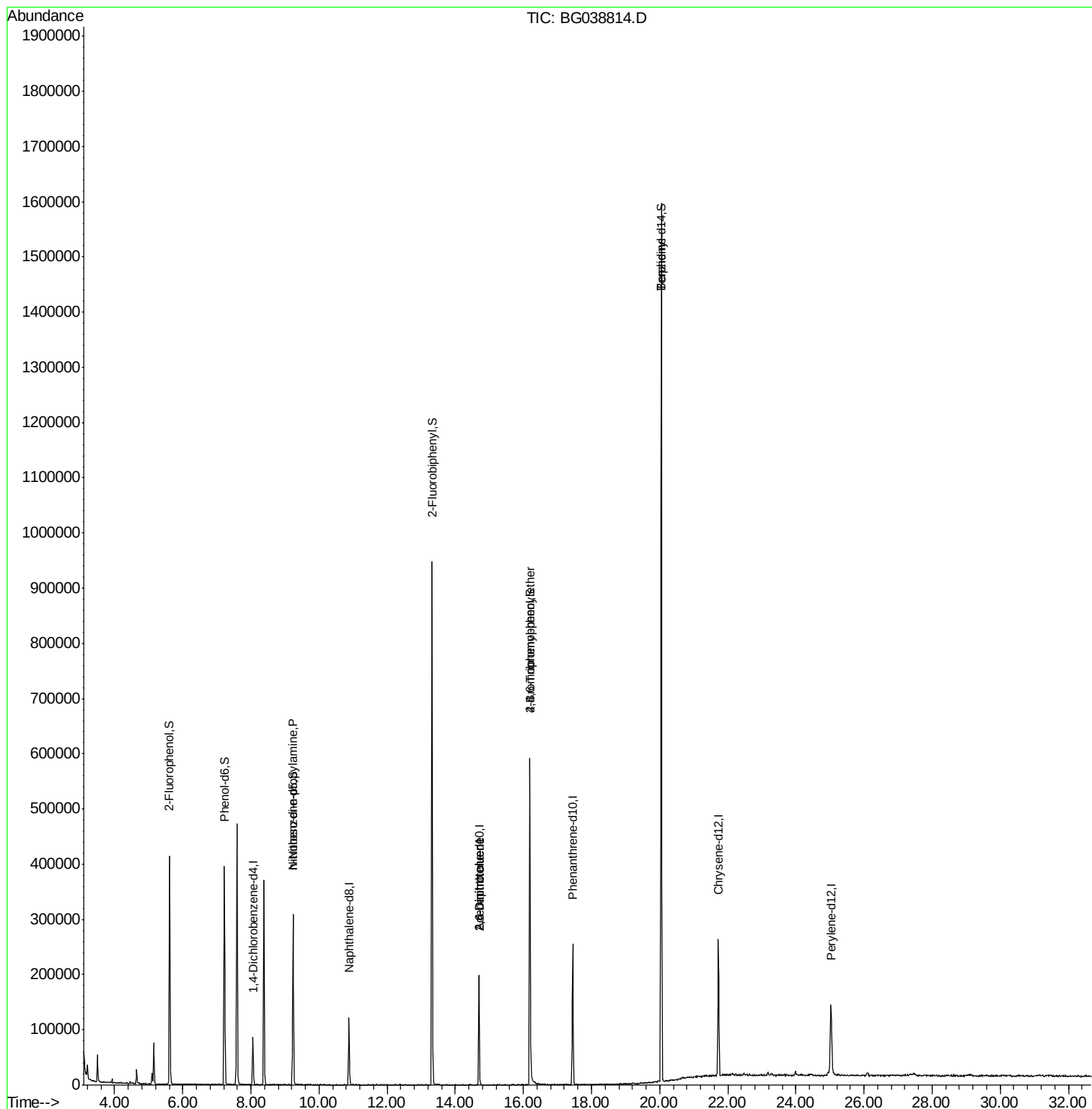
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	25456	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	108224	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	73521	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	170151	20.00	ng	0.00
76) Chrysene-d12	21.72	240	164297	20.00	ng	0.00
87) Perylene-d12	25.03	264	173551	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	180258	125.60	ng	0.01
7) Phenol-d6	7.22	99	227904	115.67	ng	0.02
23) Nitrobenzene-d5	9.24	82	183048	86.41	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	142563	140.70	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	506503	94.51	ng	0.00
79) Terphenyl-d14	20.05	244	821265	108.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	24564	17.751	ng	# 71
51) 2,6-Dinitrotoluene	14.70	165	9449	6.945	ng	# 19
57) 2,4-Dinitrotoluene	14.70	165	9449	4.931	ng	# 21
67) 4-Bromophenyl-phenylether	16.19	248	8856	4.262	ng	# 1
77) Benzidine	20.04	184	14269	2.937	ng	# 94

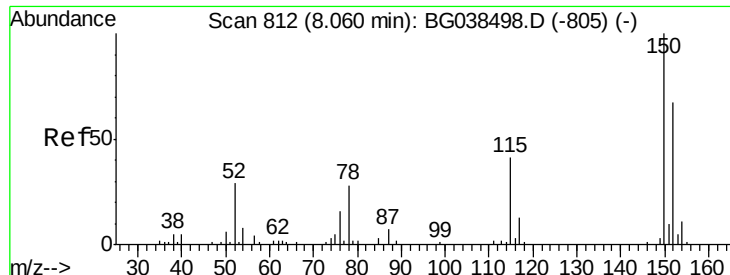
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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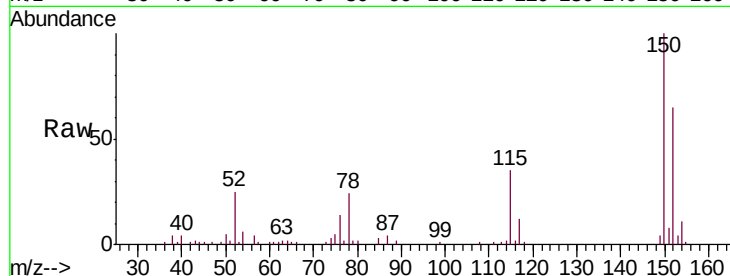




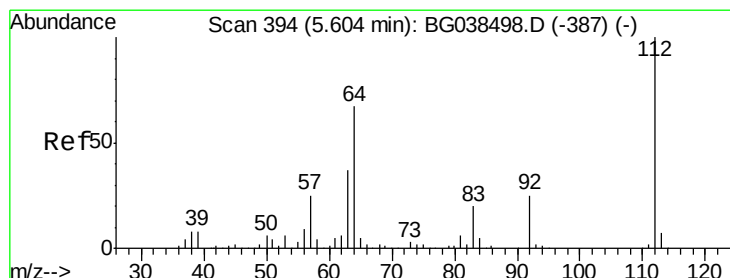
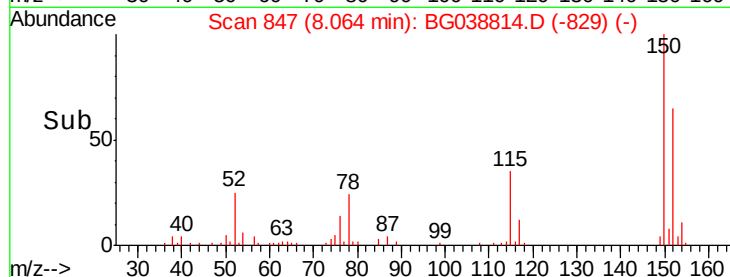
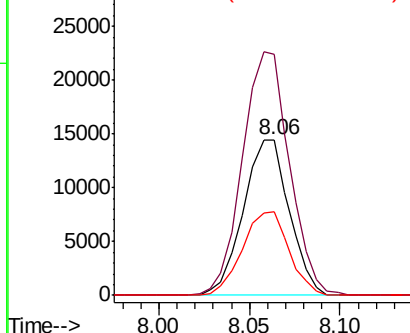
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BG038814.D
 Acq: 22 Dec 2018 12:37

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-122018-A

Tgt Ion:152 Resp: 25456
 Ion Ratio Lower Upper
 152 100
 150 154.5 119.5 179.3
 115 53.9 49.6 74.4

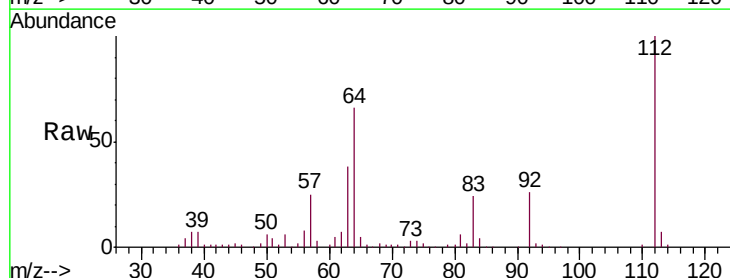


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

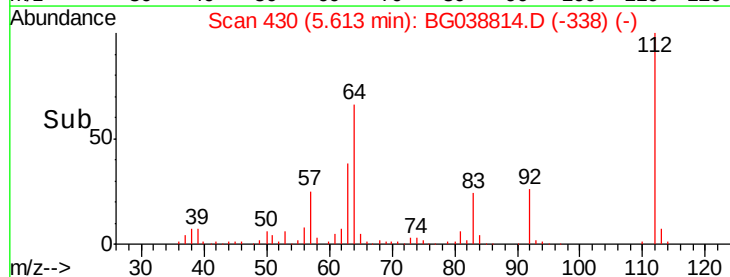
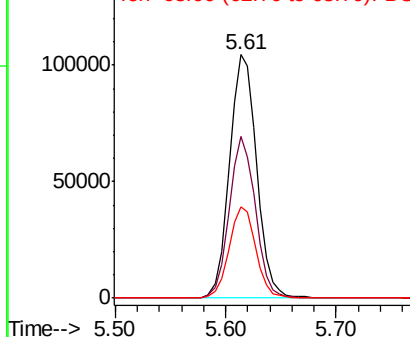


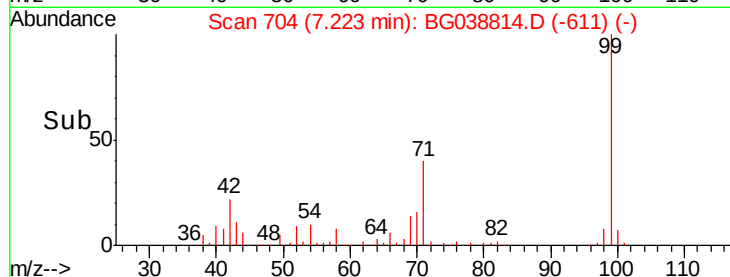
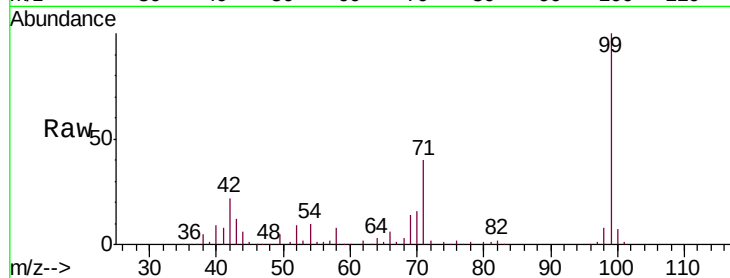
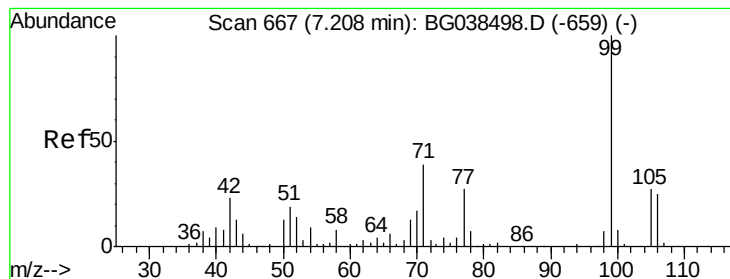
#5
 2-Fluorophenol
 Concen: 125.595 ng
 RT: 5.61 min Scan# 430
 Delta R.T. 0.01 min
 Lab File: BG038814.D
 Acq: 22 Dec 2018 12:37

Tgt Ion:112 Resp: 180258
 Ion Ratio Lower Upper
 112 100
 64 66.3 53.4 80.2
 63 37.6 29.3 43.9



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: 115.670 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.02 min

Lab File: BG038814.D

Acq: 22 Dec 2018 12:37

Instrument :

BNA_G

ClientSampleId :

NB-07-122018-A

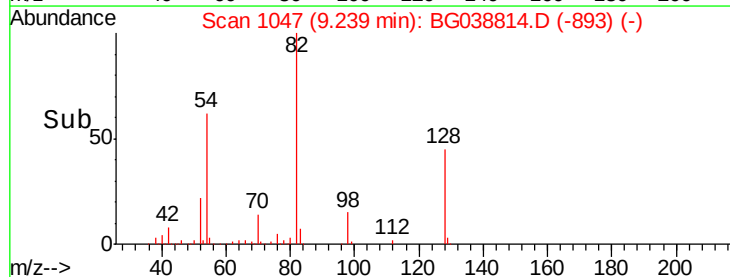
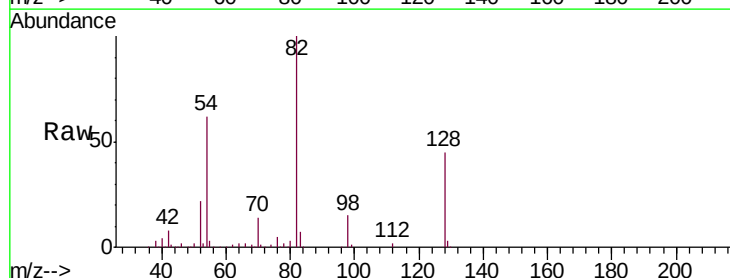
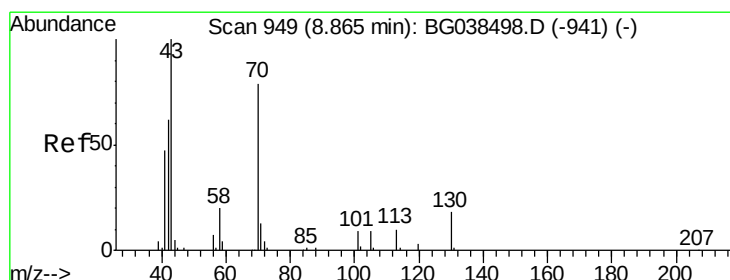
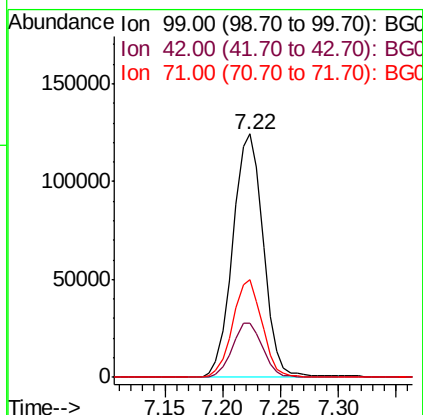
Tgt Ion: 99 Resp: 227904

Ion Ratio Lower Upper

99 100

42 22.4 18.5 27.7

71 40.3 31.1 46.7



#19

n-Nitroso-di-n-propylamine

Concen: 17.751 ng

RT: 9.24 min Scan# 1047

Delta R.T. 0.37 min

Lab File: BG038814.D

Acq: 22 Dec 2018 12:37

Tgt Ion: 70 Resp: 24564

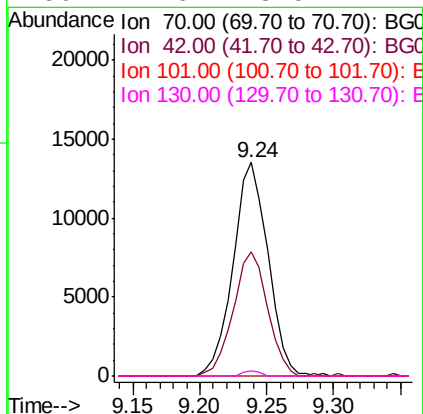
Ion Ratio Lower Upper

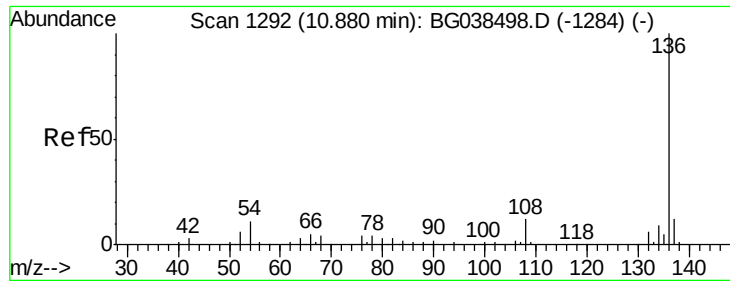
70 100

42 57.9 63.6 95.4#

101 0.0 9.2 13.8#

130 2.6 18.5 27.7#

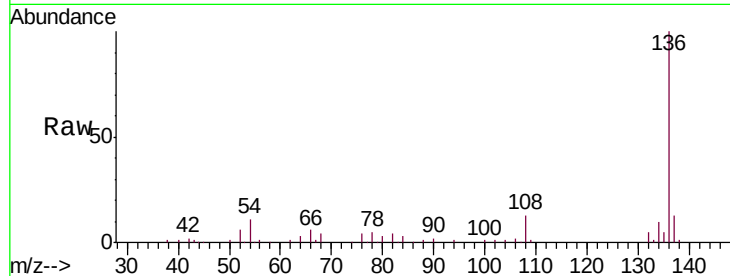




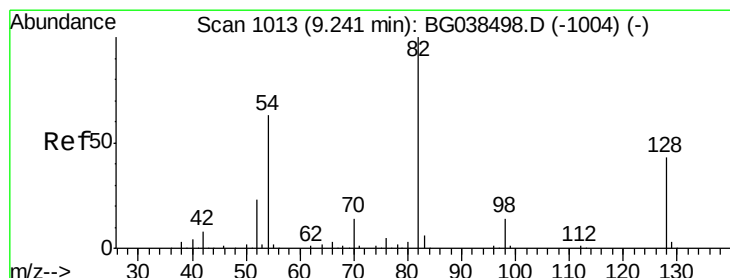
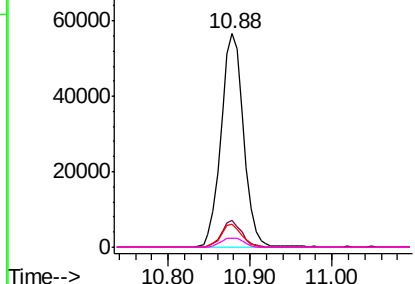
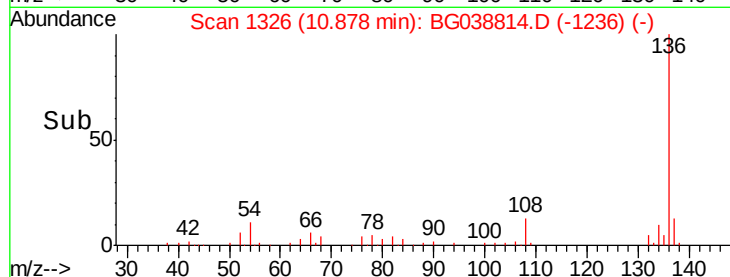
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038814.D
Acq: 22 Dec 2018 12:37

Instrument :
BNA_G
ClientSampleId :
NB-07-122018-A

Tgt Ion:136 Resp: 108224
Ion Ratio Lower Upper
136 100
137 12.5 9.3 13.9
54 10.8 8.5 12.7
68 4.5 3.5 5.3

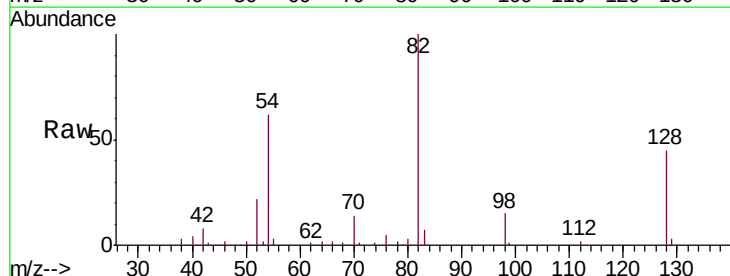


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

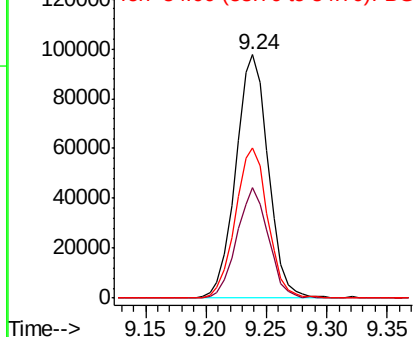
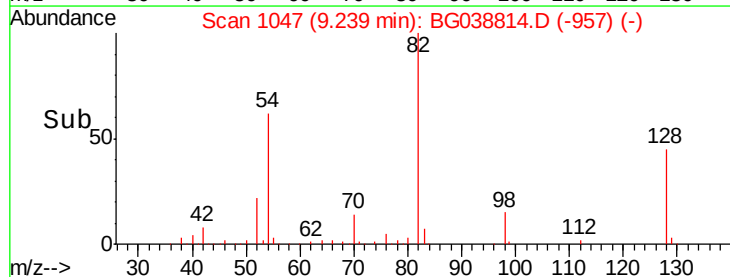


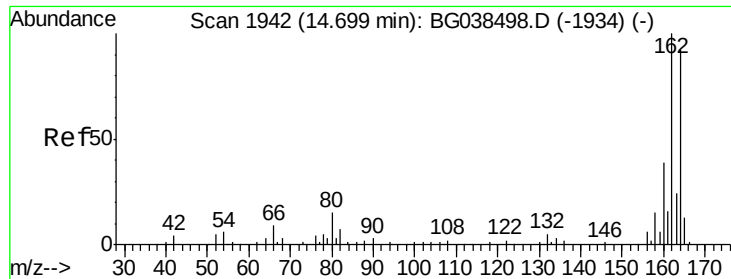
#23
Nitrobenzene-d5
Concen: 86.408 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038814.D
Acq: 22 Dec 2018 12:37

Tgt Ion: 82 Resp: 183048
Ion Ratio Lower Upper
82 100
128 45.4 34.6 52.0
54 61.9 50.6 76.0



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038814.D

Acq: 22 Dec 2018 12:37

Instrument :

BNA_G

ClientSampleId :

NB-07-122018-A

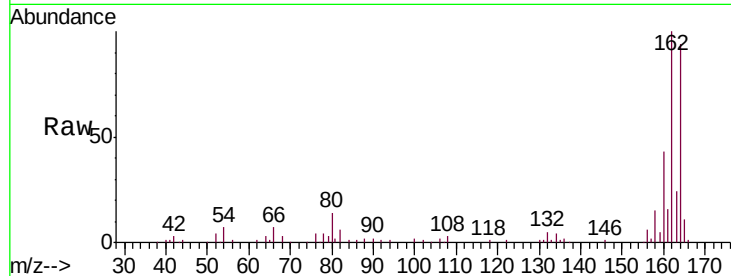
Tgt Ion:164 Resp: 73521

Ion Ratio Lower Upper

164 100

162 106.7 86.6 130.0

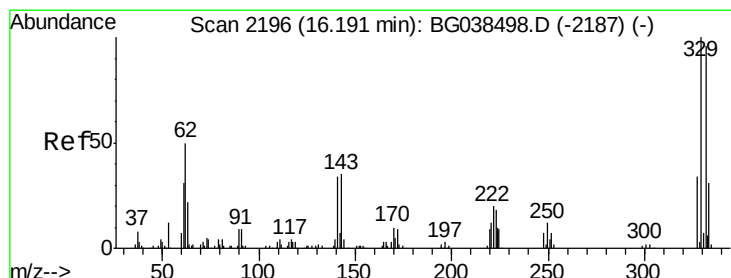
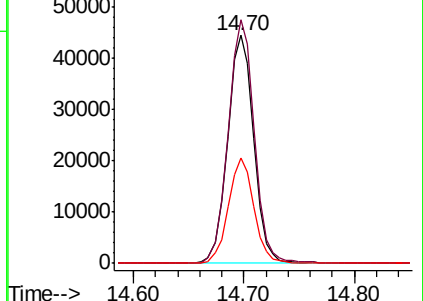
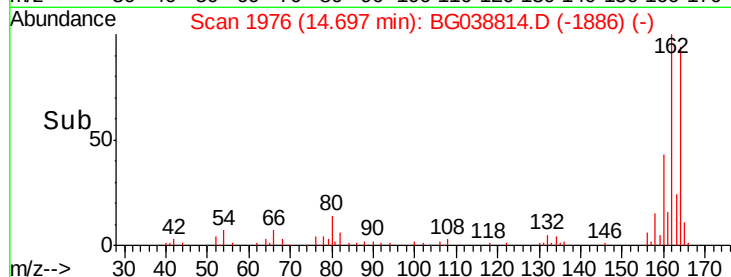
160 46.1 34.2 51.2



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: 140.698 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038814.D

Acq: 22 Dec 2018 12:37

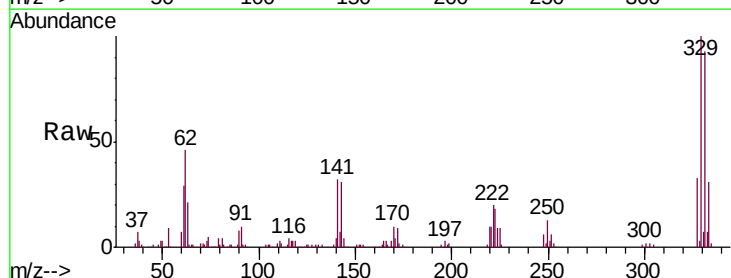
Tgt Ion:330 Resp: 142563

Ion Ratio Lower Upper

330 100

332 95.1 76.9 115.3

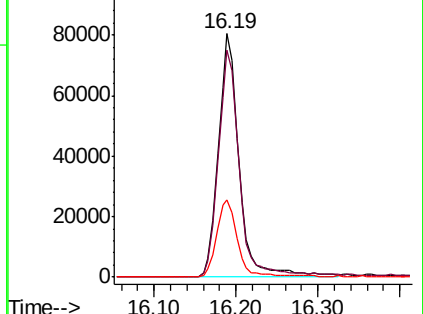
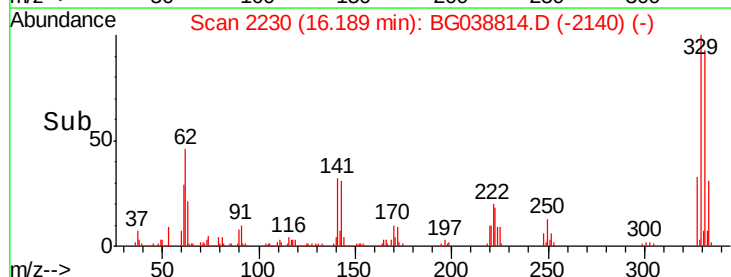
141 31.7 28.8 43.2

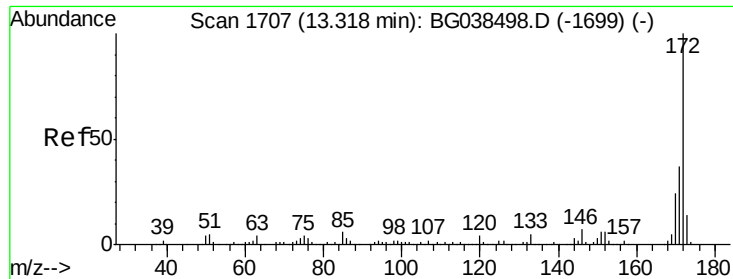


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

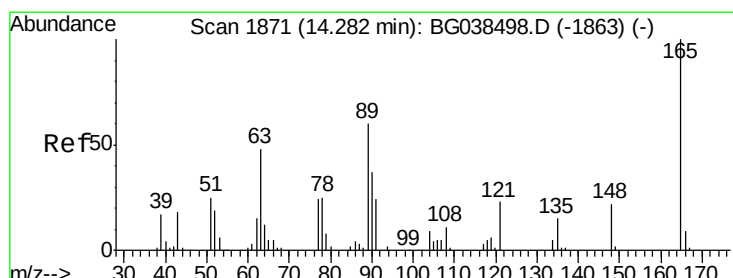
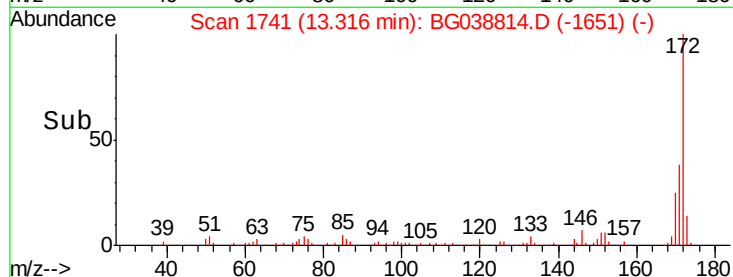
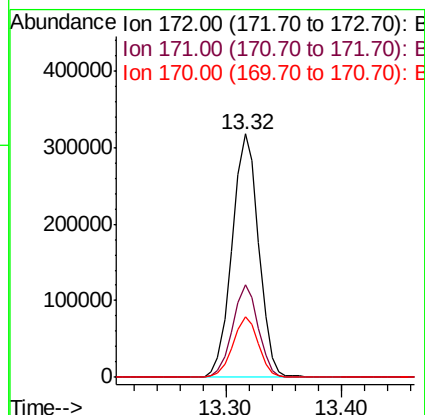
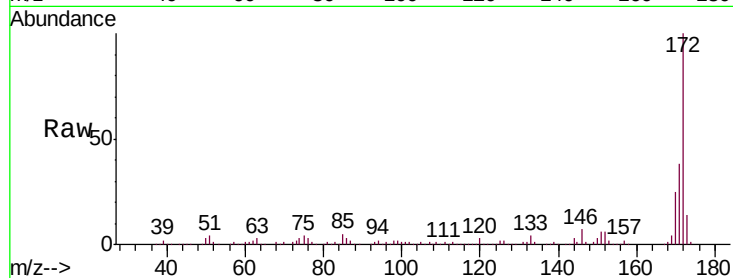




#45
 2-Fluorobiphenyl
 Concen: 94.510 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038814.D
 Acq: 22 Dec 2018 12:37

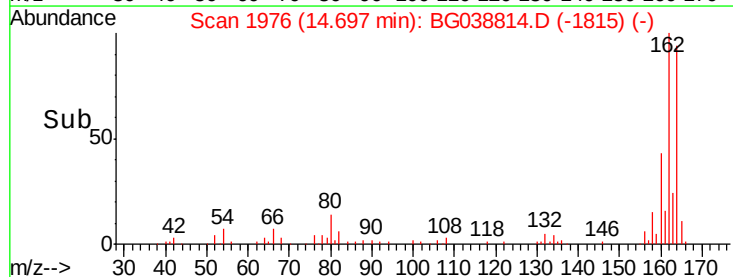
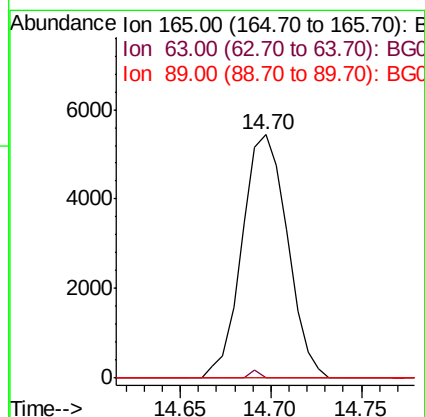
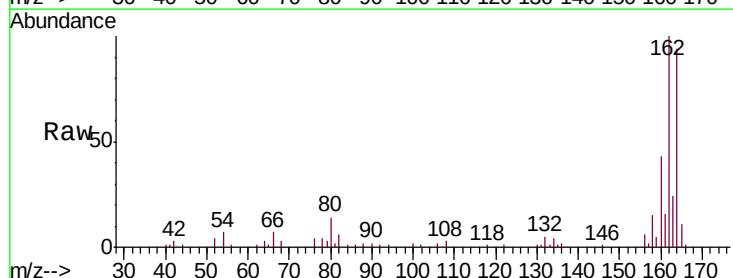
Instrument :
 BNA_G
 ClientSampleId :
 NB-07-122018-A

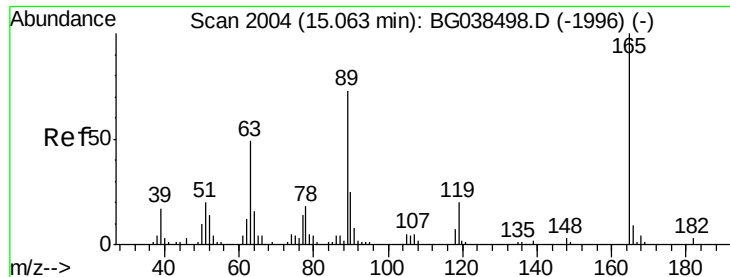
Tgt Ion:	172	Resp:	506503
Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.8	44.6
170	25.1	19.5	29.3



#51
 2,6-Dinitrotoluene
 Concen: 6.945 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.42 min
 Lab File: BG038814.D
 Acq: 22 Dec 2018 12:37

Tgt Ion:	165	Resp:	9449
Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	0.0	47.9	71.9#

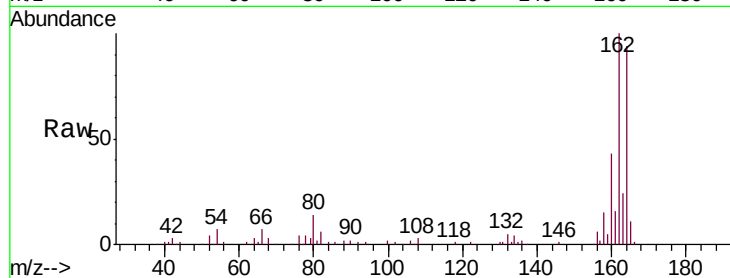




#57
 2,4-Dinitrotoluene
 Concen: 4.931 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.37 min
 Lab File: BG038814.D
 Acq: 22 Dec 2018 12:37

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-122018-A

Tgt Ion:	165	Resp:	9449
Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#



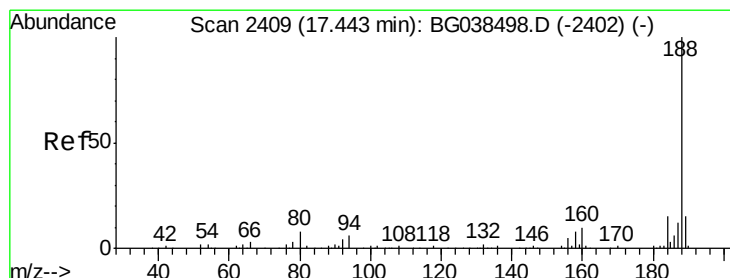
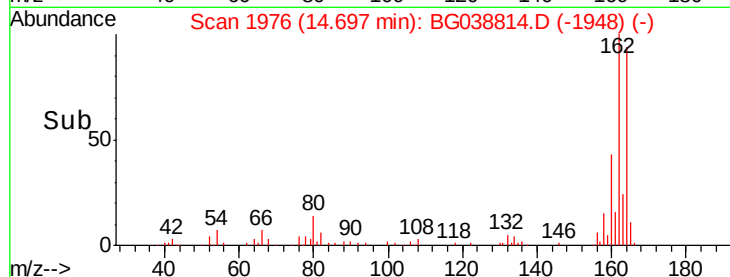
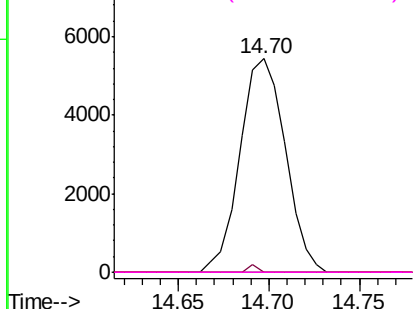
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

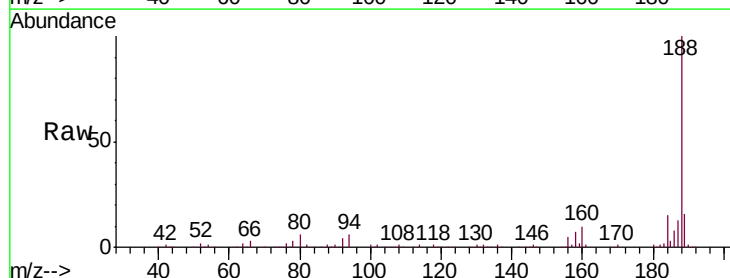
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. 0.00 min
 Lab File: BG038814.D
 Acq: 22 Dec 2018 12:37

Tgt Ion:	188	Resp:	170151
Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.1	7.7
80	6.4	6.1	9.1

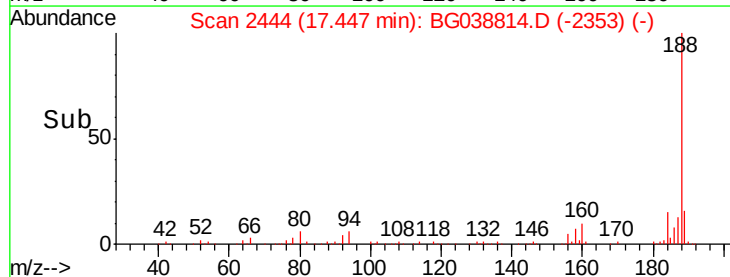
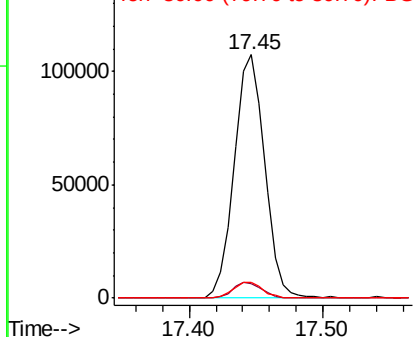


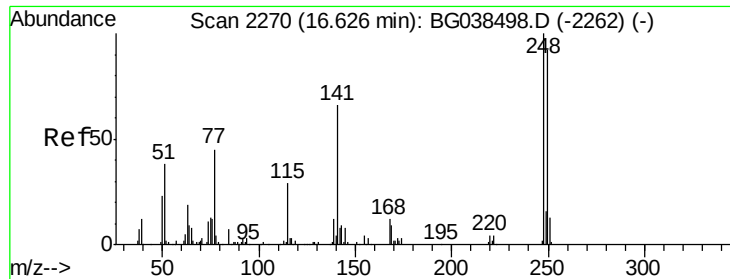
Abundance

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

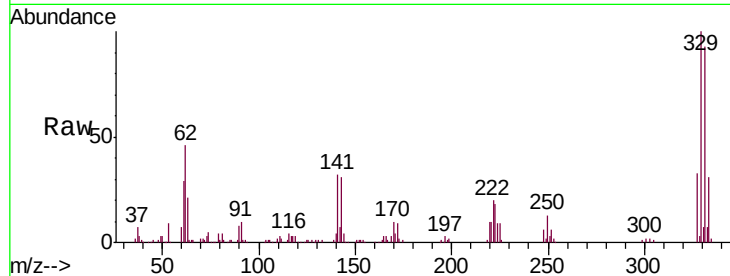




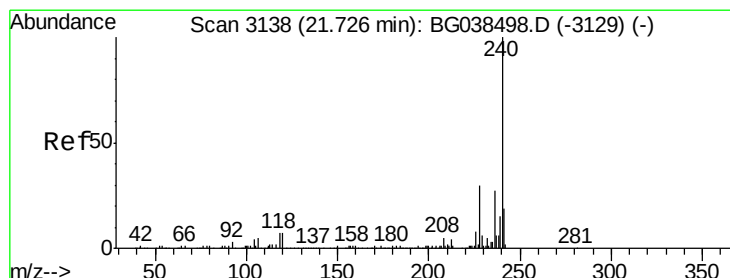
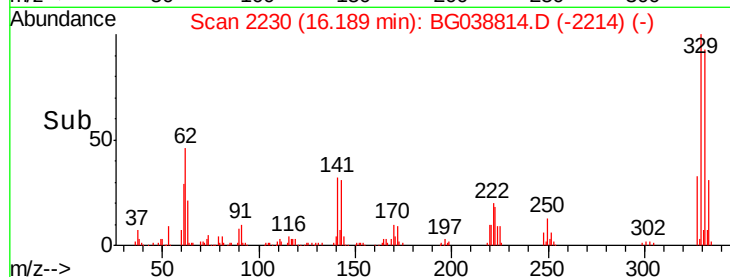
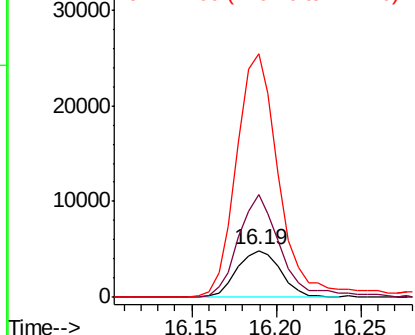
#67
4-Bromophenyl-phenylether
Concen: 4.262 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.44 min
Lab File: BG038814.D
Acq: 22 Dec 2018 12:37

Instrument :
BNA_G
ClientSampleId :
NB-07-122018-A

Tgt Ion:248 Resp: 8856
Ion Ratio Lower Upper
248 100
250 203.8 73.4 110.2#
141 383.3 52.9 79.3#

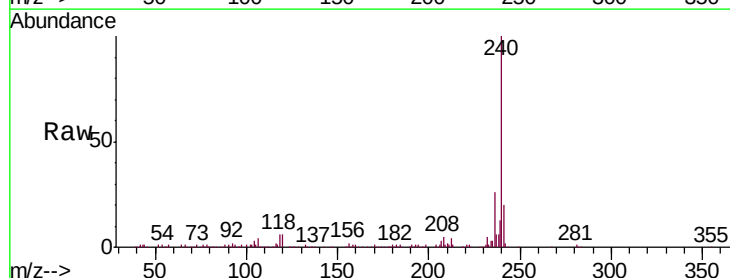


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

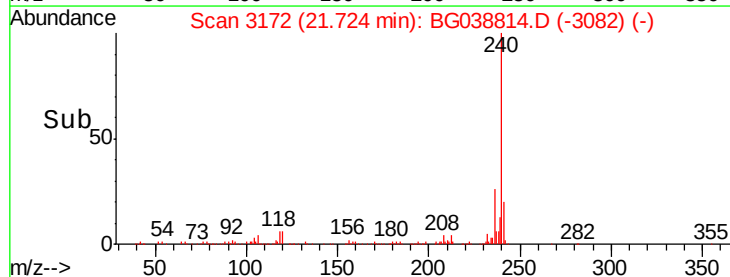
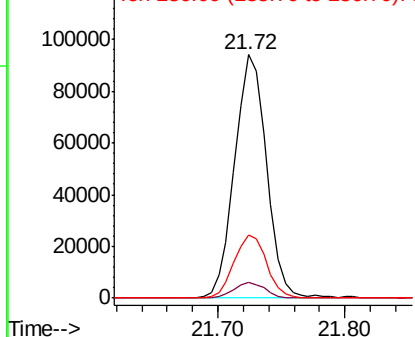


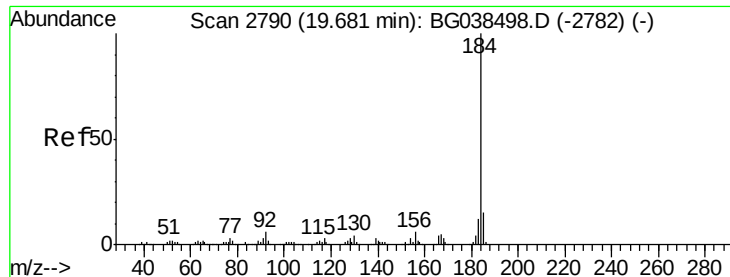
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG038814.D
Acq: 22 Dec 2018 12:37

Tgt Ion:240 Resp: 164297
Ion Ratio Lower Upper
240 100
120 6.5 5.3 7.9
236 25.8 21.4 32.2



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: 2.937 ng

RT: 20.04 min Scan# 2886

Delta R.T. 0.36 min

Lab File: BG038814.D

Acq: 22 Dec 2018 12:37

Instrument :

BNA_G

ClientSampleId :

NB-07-122018-A

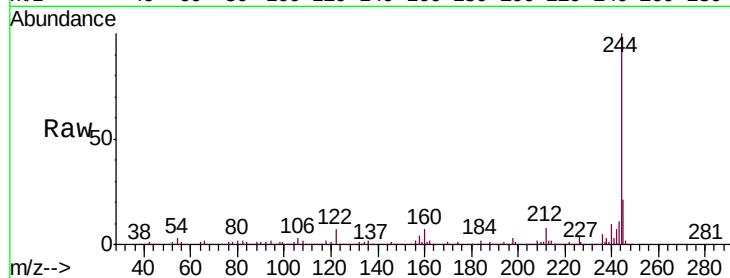
Tgt Ion:184 Resp: 14269

Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.2

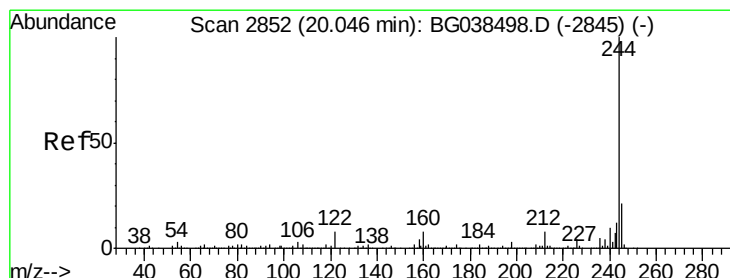
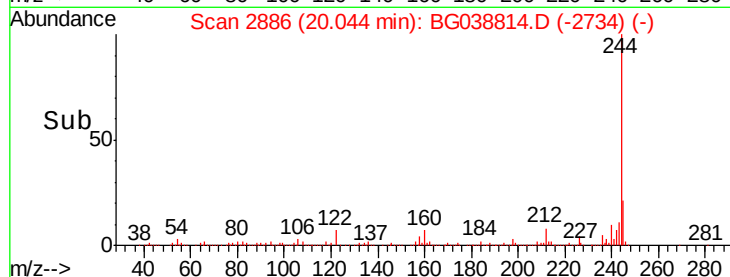
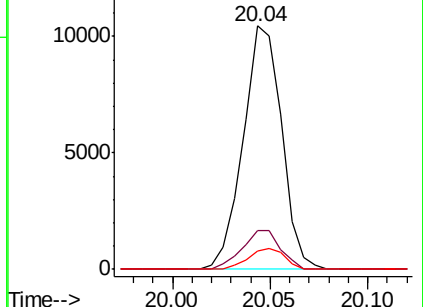
183 7.6 9.6 14.4#



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: 108.787 ng

RT: 20.05 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG038814.D

Acq: 22 Dec 2018 12:37

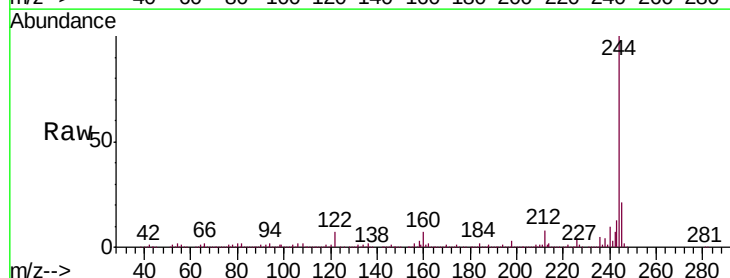
Tgt Ion:244 Resp: 821265

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

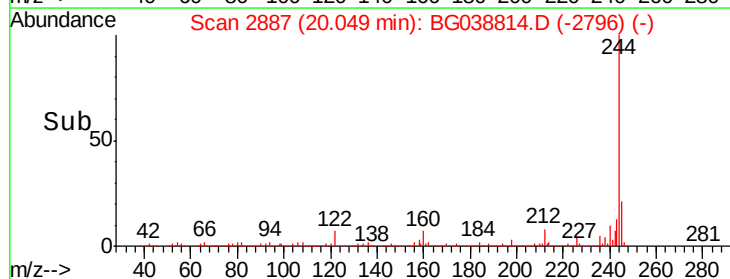
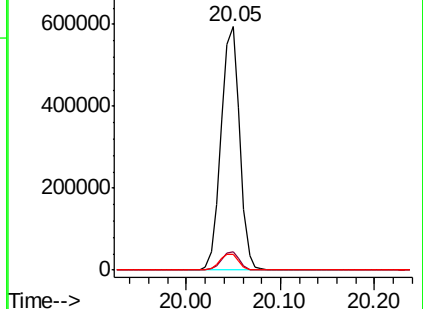
122 6.7 6.3 9.5

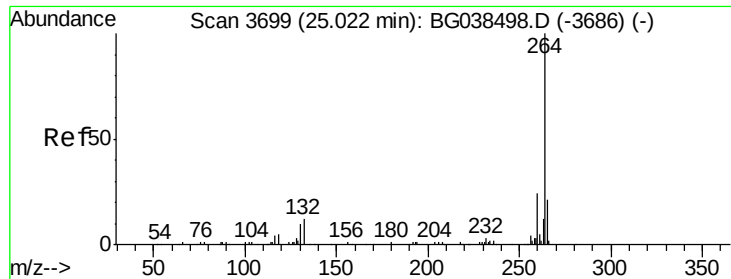


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.03 min Scan# 3735
Delta R.T. 0.01 min
Lab File: BG038814.D
Acq: 22 Dec 2018 12:37

Instrument :
BNA_G
ClientSampleId :
NB-07-122018-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.9	28.3
265	22.0	17.0	25.4

