

Data Path : U:\HPCHEM1\BNA N\DATA\BN020618\
 Data File : BN000024.D
 Acq On : 06 Feb 2018 10:10
 Operator :
 Sample : PB106300BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 07 03:11:44 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 15:24:10 2018
 Response via : Initial Calibration

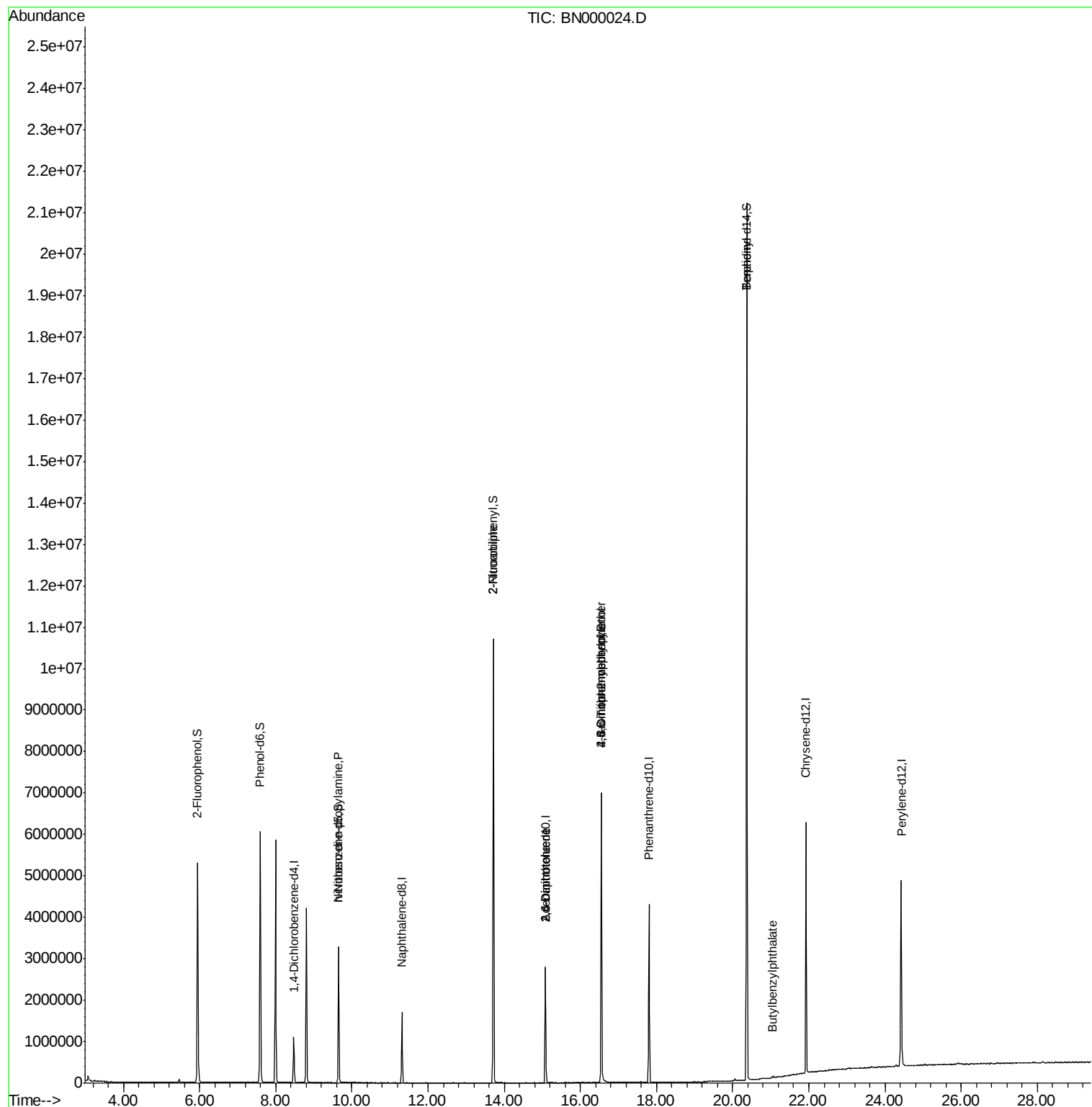
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	298949	20.00	ng	-0.01
21) Naphthalene-d8	11.32	136	1422087	20.00	ng	-0.01
38) Acenaphthene-d10	15.08	164	872395	20.00	ng	-0.01
63) Phenanthrene-d10	17.80	188	2227107	20.00	ng	0.00
75) Chrysene-d12	21.93	240	2691587	20.00	ng	-0.02
86) Perylene-d12	24.42	264	3007084	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.95	112	2830376	139.60	ng	0.00
7) Phenol-d6	7.59	99	3948418	128.21	ng	0.00
23) Nitrobenzene-d5	9.65	82	1873928	79.68	ng	-0.01
41) 2,4,6-Tribromophenol	16.55	330	1018038	116.08	ng	0.00
44) 2-Fluorobiphenyl	13.72	172	5232494	80.33	ng	-0.01
78) Terphenyl-d14	20.37	244	8962834	87.89	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.59	77	7372	Below Cal		Qvalue # 9
19) n-Nitroso-di-n-propylamine	9.65	70	240598	11.593	ng	# 72
47) 2-Nitroaniline	13.72	65	8828	7.708	ng	# 1
50) 2,6-Dinitrotoluene	15.08	165	110767	12.037	ng	# 20
56) 2,4-Dinitrotoluene	15.08	165	110767	11.777	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.55	198	4017	9.342	ng	# 1
66) 4-Bromophenyl-phenylether	16.55	248	74916	3.595	ng	# 1
76) Benzidine	20.37	184	153714	2.256	ng	# 91
79) Butylbenzylphthalate	21.04	149	303	5.050	ng	# 88

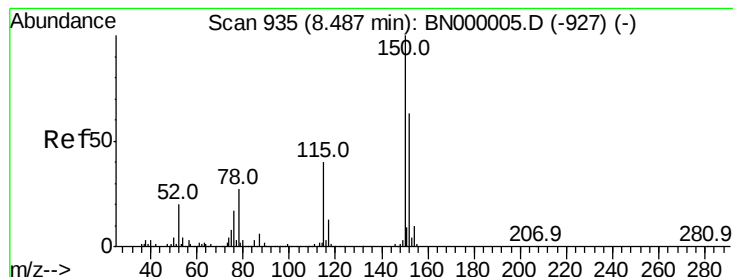
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA N\DATA\BN020618\
Data File : BN000024.D
Acq On : 06 Feb 2018 10:10
Operator :
Sample : PB106300BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 07 03:11:44 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 15:24:10 2018
Response via : Initial Calibration



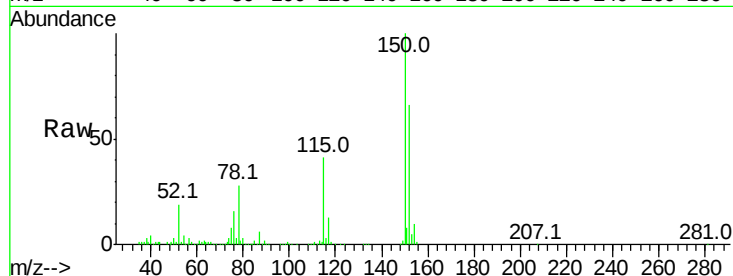


#1

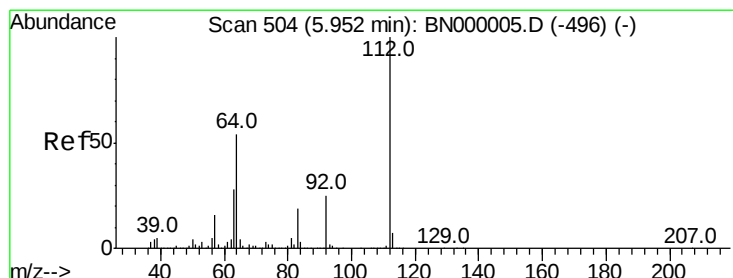
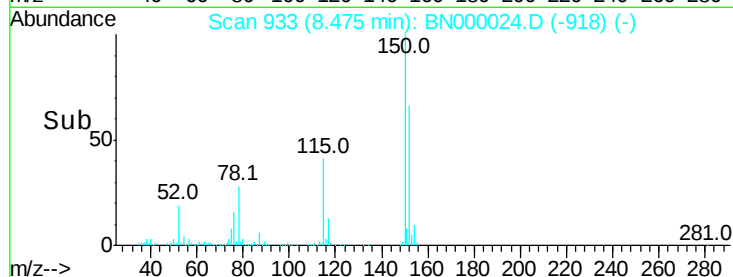
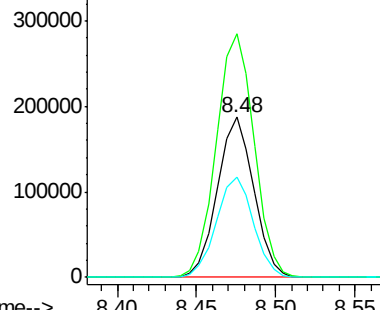
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 933
Delta R.T. -0.01 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	126.6	189.8
115	62.6	53.0	79.4



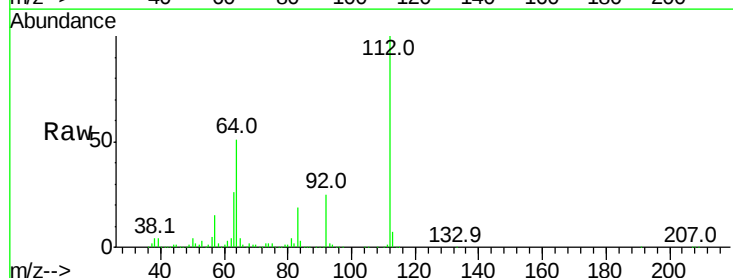
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



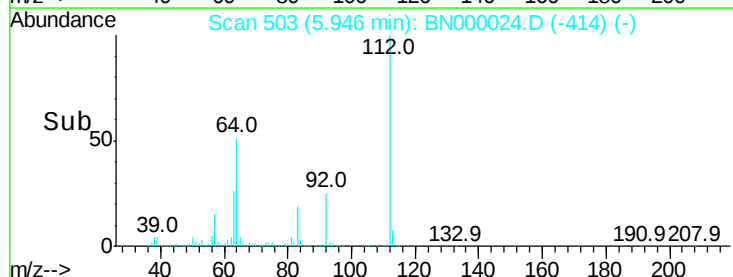
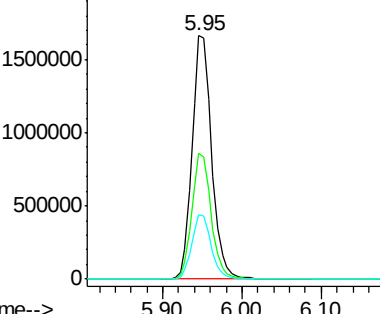
#5

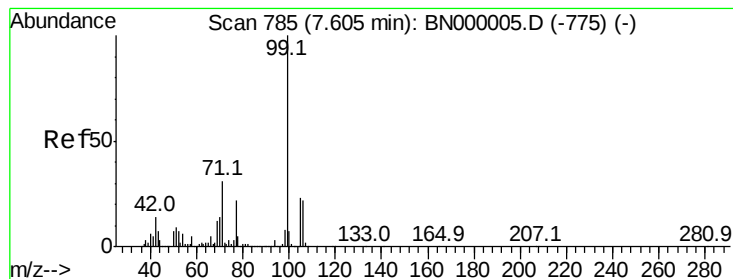
2-Fluorophenol
Concen: 139.596 ng
RT: 5.95 min Scan# 503
Delta R.T. -0.01 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.5	56.3	84.5#
63	26.4	30.1	45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#7

Phenol-d6

Concen: 128.205 ng

RT: 7.59 min Scan# 783

Delta R.T. -0.01 min

Lab File: BN000024.D

Acq: 06 Feb 2018 10:10

Instrument :

BNA_N

ClientSampled :

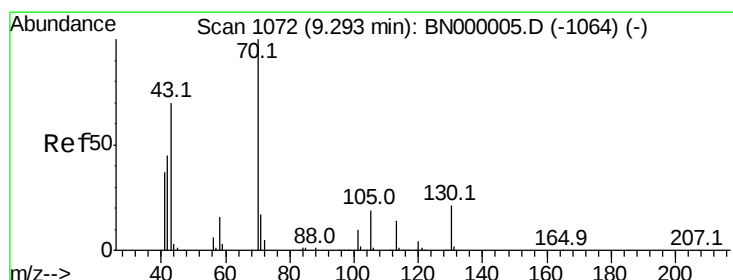
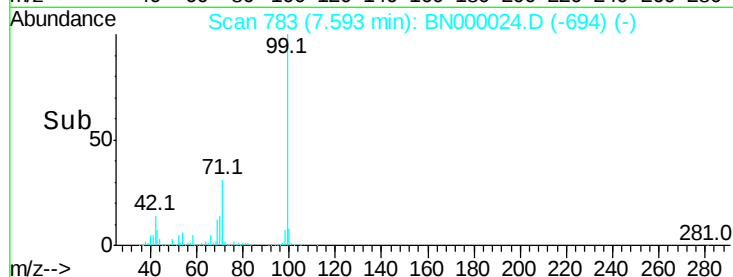
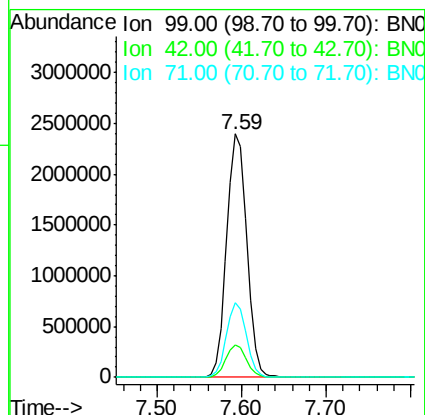
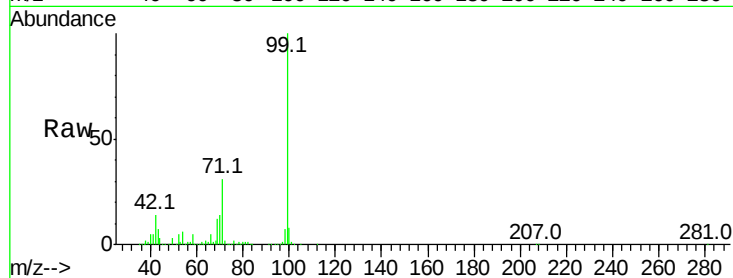
Tot Ion: 99 Resp: 3948418

Ion Ratio Lower Upper

99 100

42 13.5 14.1 21.1#

71 30.7 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 11.593 ng

RT: 9.65 min Scan# 1133

Delta R.T. 0.36 min

Lab File: BN000024.D

Acq: 06 Feb 2018 10:10

Tgt Ion: 70 Resp: 240598

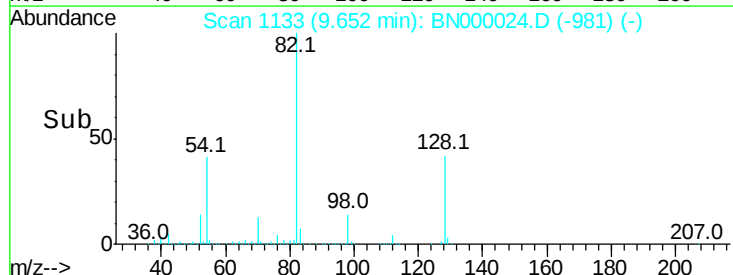
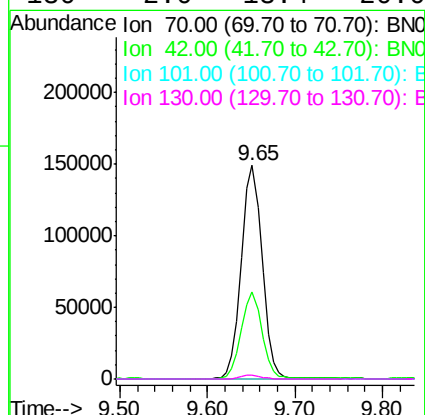
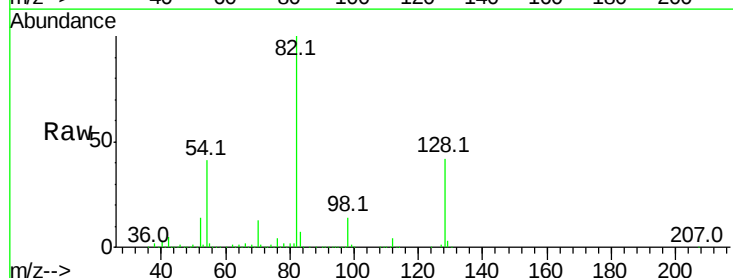
Ion Ratio Lower Upper

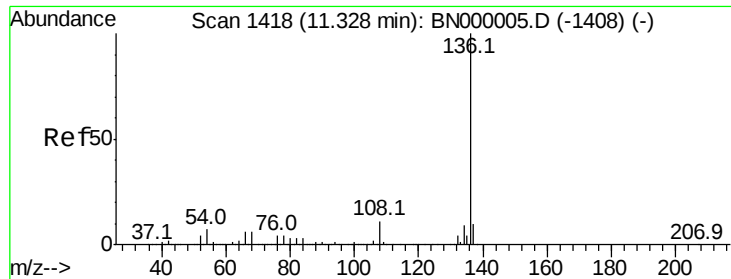
70 100

42 41.0 49.1 73.7#

101 0.0 8.5 12.7#

130 2.0 13.4 20.0#

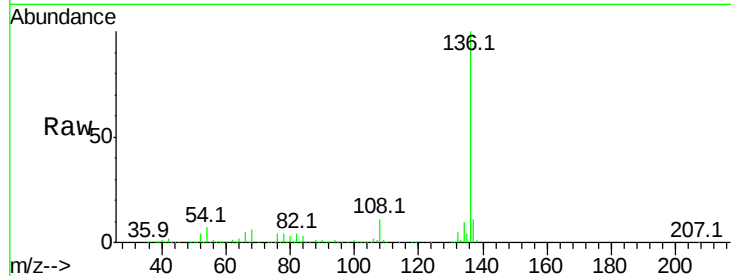




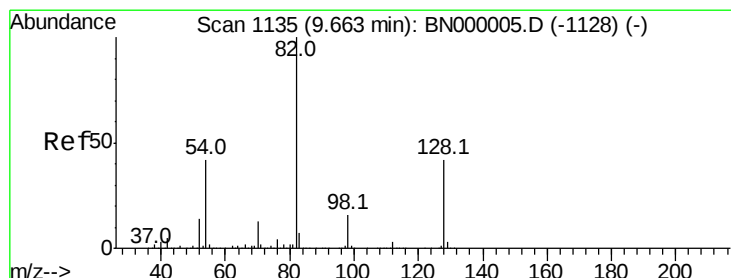
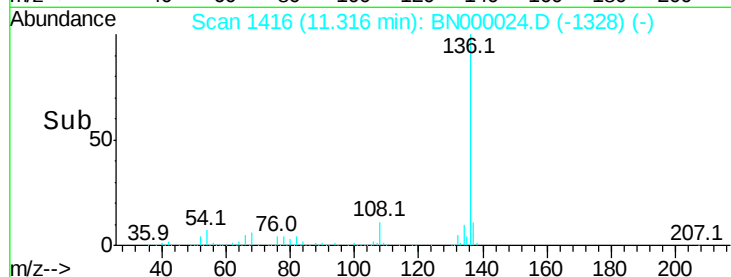
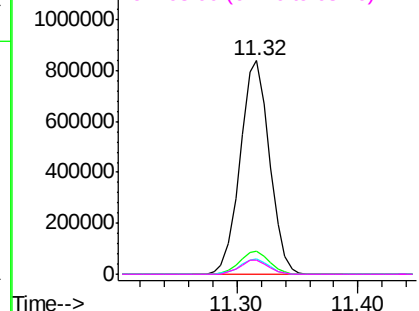
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.32 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136	Resp: 1422087
Ion Ratio	Lower Upper
136 100	
137 10.9	9.2 13.8
54 7.1	10.3 15.5#
68 6.4	4.5 6.7

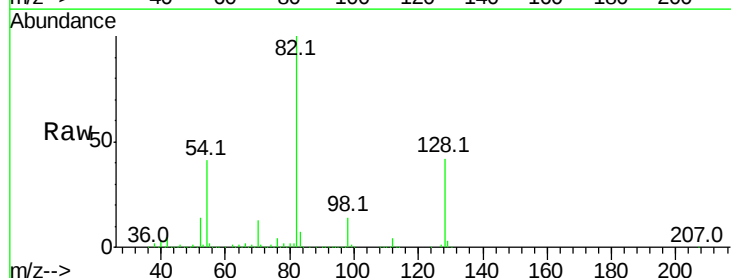


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

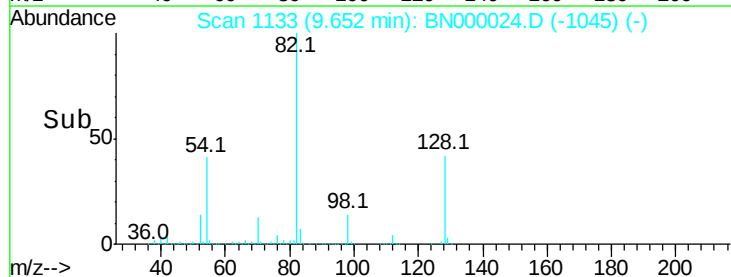
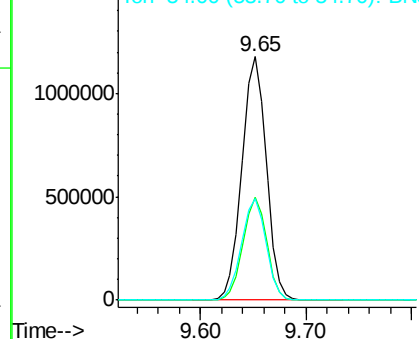


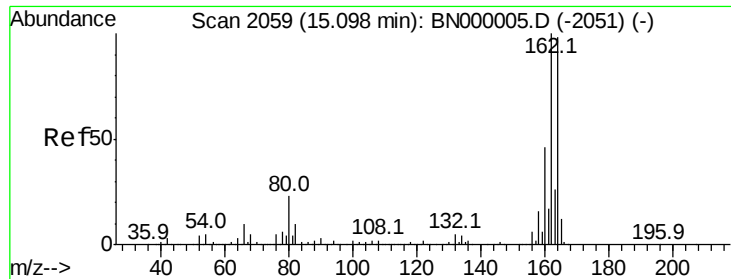
#23
Nitrobenzene-d5
Concen: 79.682 ng
RT: 9.65 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

Tgt Ion	82	Resp: 1873928	
Ion	Ratio	Lower	Upper
82	100		
128	42.0	29.7	44.5
54	41.5	43.1	64.7#



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.08 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BN000024.D

Acq: 06 Feb 2018 10:10

Instrument :

BNA_N

ClientSampleId :

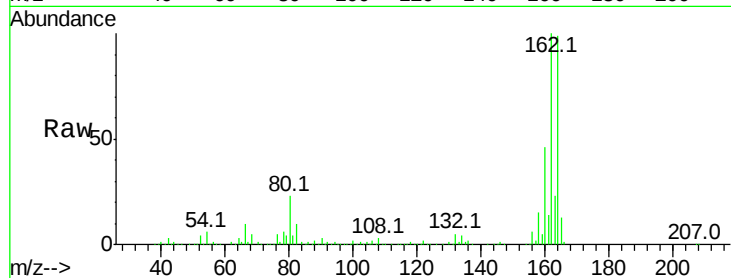
Tot Ion:164 Resp: 872395

Ion Ratio Lower Upper

164 100

162 100.6 78.8 118.2

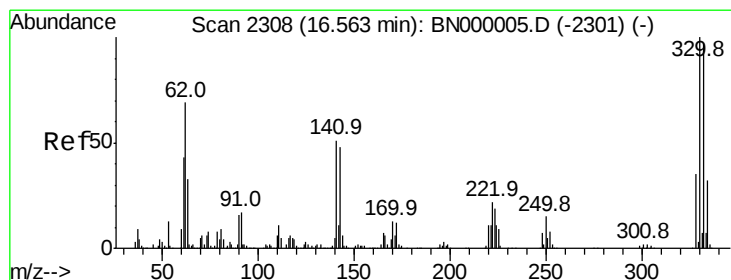
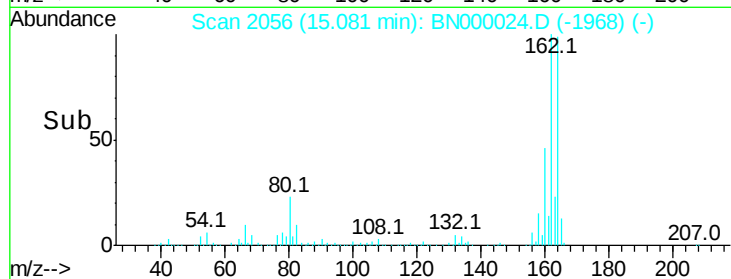
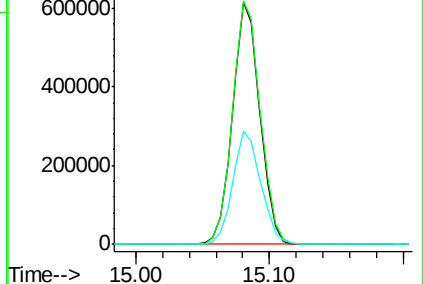
160 46.5 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 116.084 ng

RT: 16.55 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BN000024.D

Acq: 06 Feb 2018 10:10

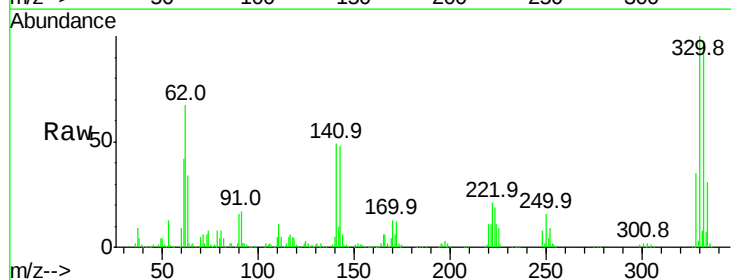
Tgt Ion:330 Resp: 1018038

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

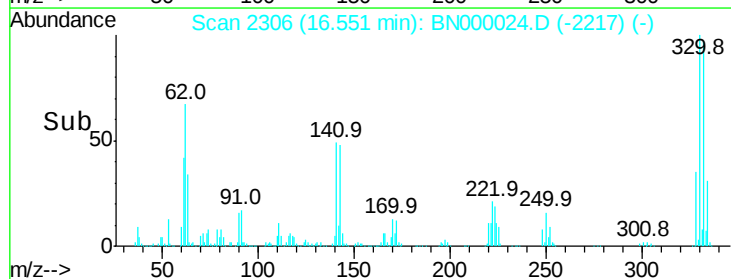
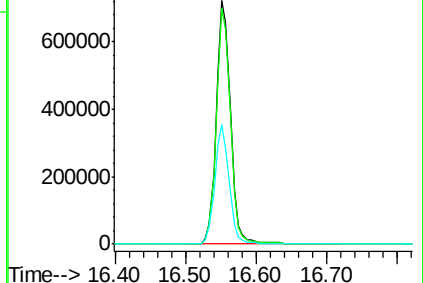
141 49.0 25.2 37.8#

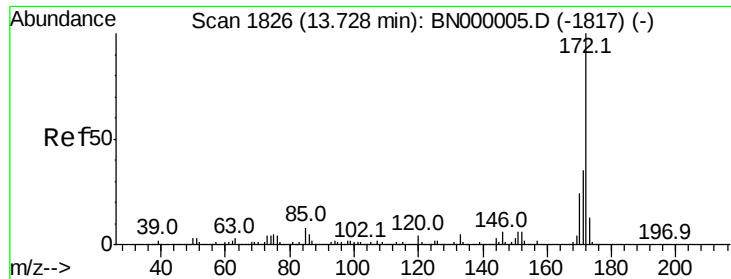


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

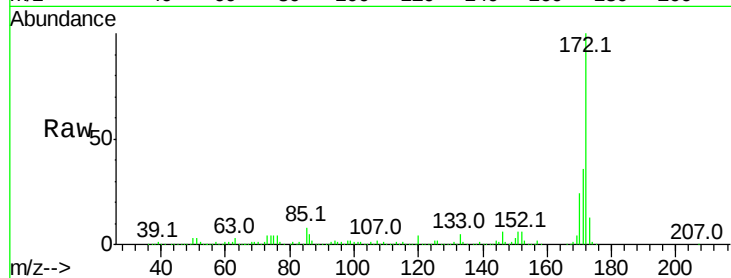




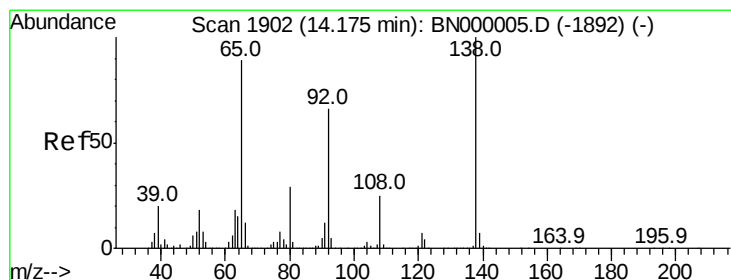
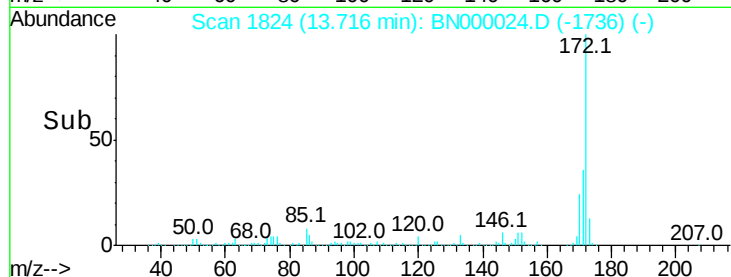
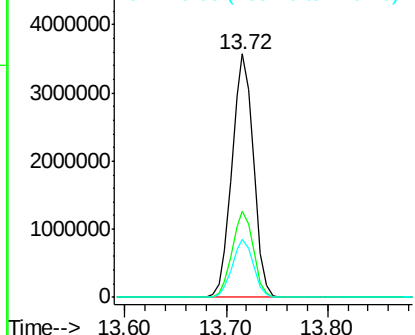
#44
2-Fluorobiphenyl
Concen: 80.328 ng
RT: 13.72 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

Instrument :
BNA_N
ClientSampled :

Tot Ion:172 Resp: 5232494
Ion Ratio Lower Upper
172 100
171 35.5 30.0 45.0
170 23.7 19.5 29.3

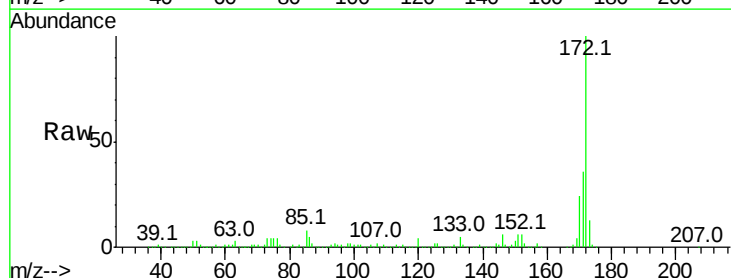


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

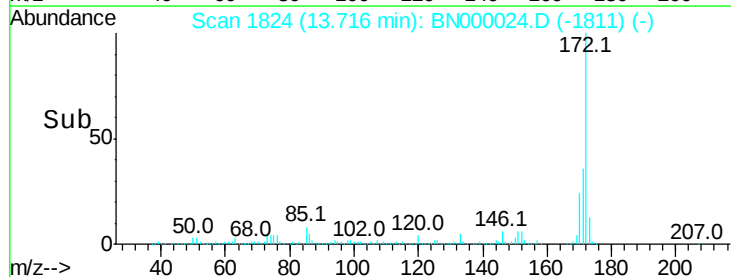
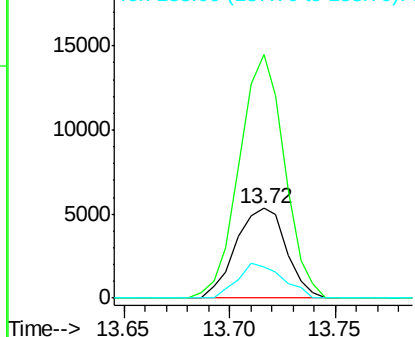


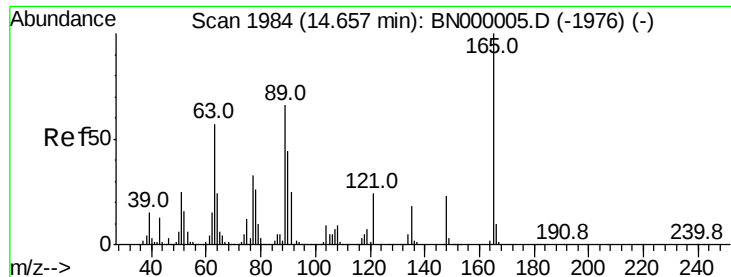
#47
2-Nitroaniline
Concen: 7.708 ng
RT: 13.72 min Scan# 1824
Delta R.T. -0.45 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

Tgt Ion: 65 Resp: 8828
Ion Ratio Lower Upper
65 100
92 270.8 54.6 82.0#
138 34.4 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC
Ion 138.00 (137.70 to 138.70): E

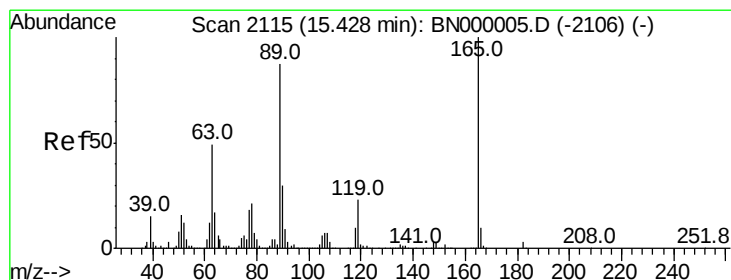
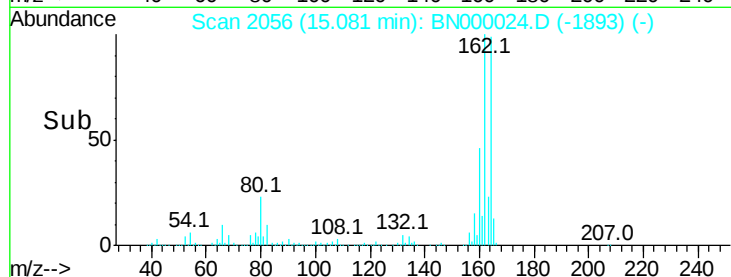
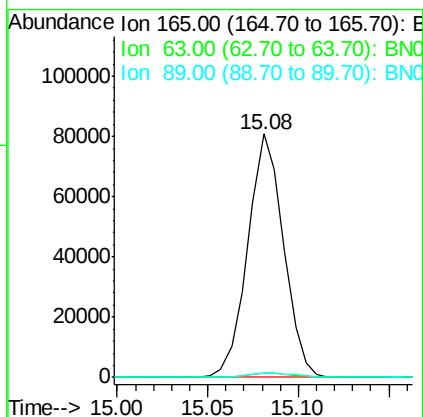
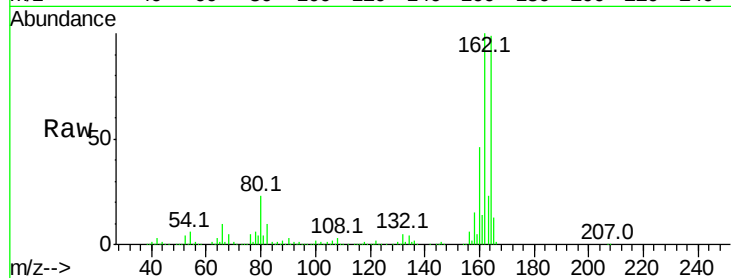




#50
2,6-Dinitrotoluene
Concen: 12.037 ng
RT: 15.08 min Scan# 2056
Delta R.T. 0.43 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

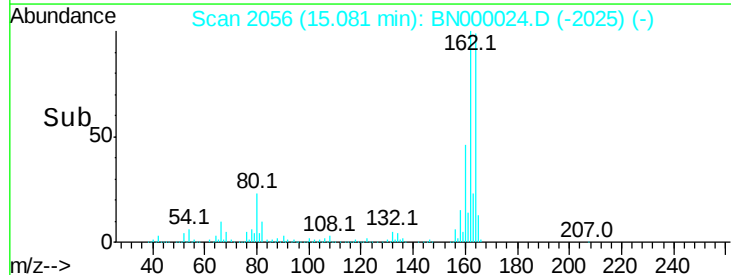
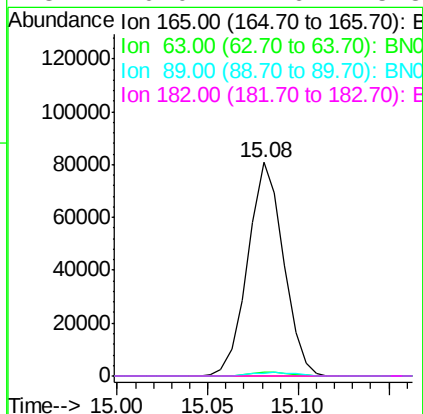
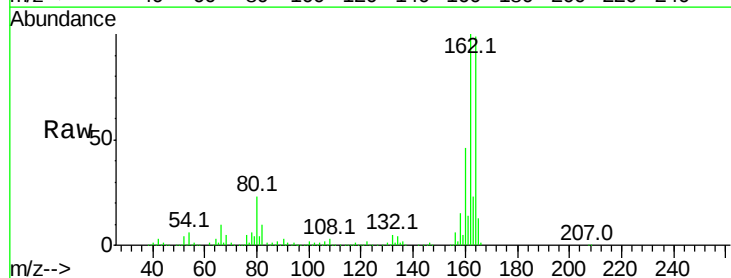
Instrument :
BNA_N
ClientSampleId :

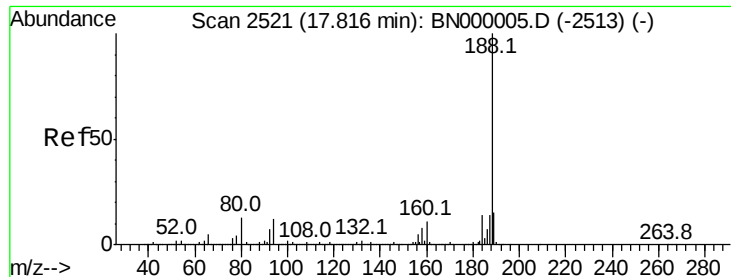
Tot Ion:165 Resp: 110767
Ion Ratio Lower Upper
165 100
63 1.6 52.7 79.1#
89 1.5 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 11.777 ng
RT: 15.08 min Scan# 2056
Delta R.T. -0.35 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

Tgt Ion:165 Resp: 110767
Ion Ratio Lower Upper
165 100
63 1.6 42.0 63.0#
89 1.5 66.9 100.3#
182 0.0 2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.80 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BN000024.D

Acq: 06 Feb 2018 10:10

Instrument :

BNA_N

ClientSampleId :

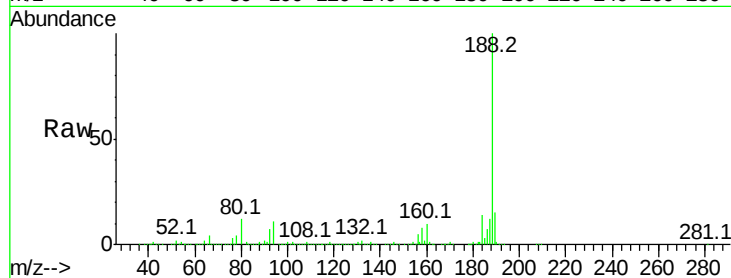
Tot Ion:188 Resp: 2227107

Ion Ratio Lower Upper

188 100

94 11.2 6.9 10.3#

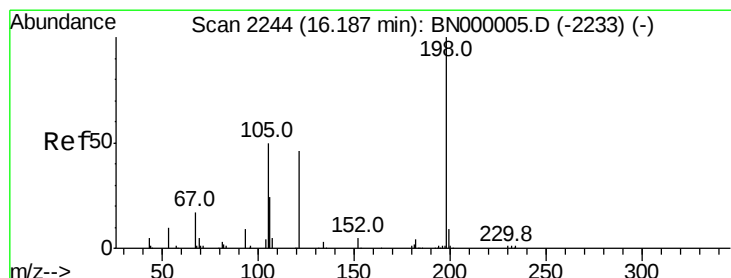
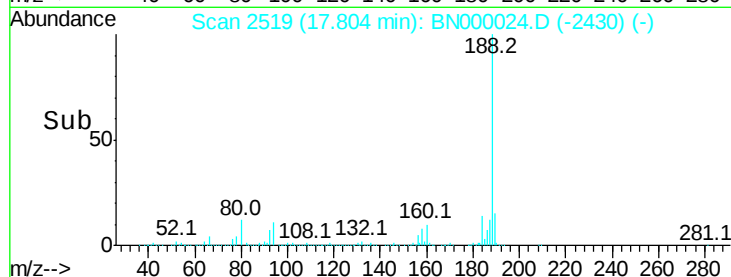
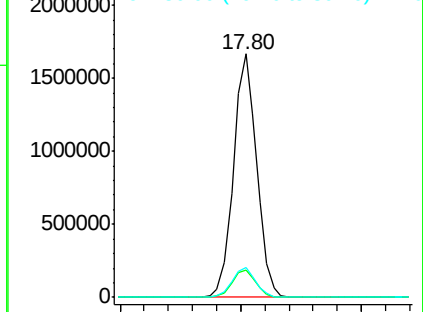
80 12.1 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#64

4,6-Dinitro-2-methylphenol

Concen: 9.342 ng

RT: 16.55 min Scan# 2306

Delta R.T. 0.37 min

Lab File: BN000024.D

Acq: 06 Feb 2018 10:10

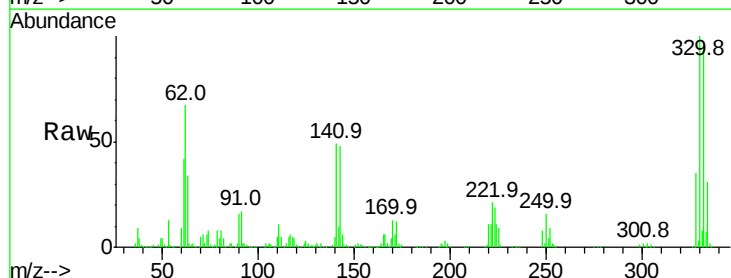
Tgt Ion:198 Resp: 4017

Ion Ratio Lower Upper

198 100

51 138.6 30.6 70.6#

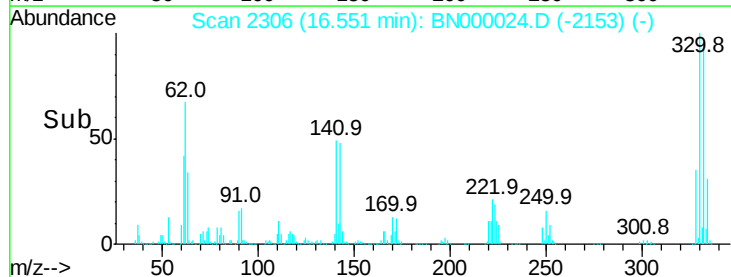
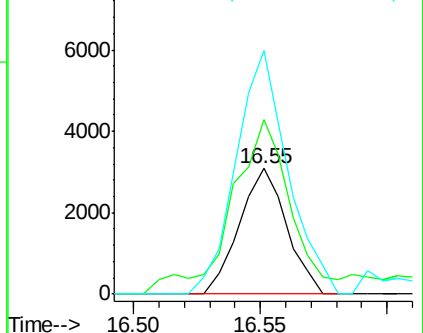
105 193.5 23.8 63.8#

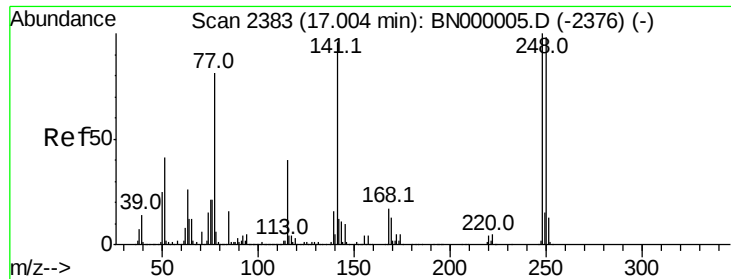


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

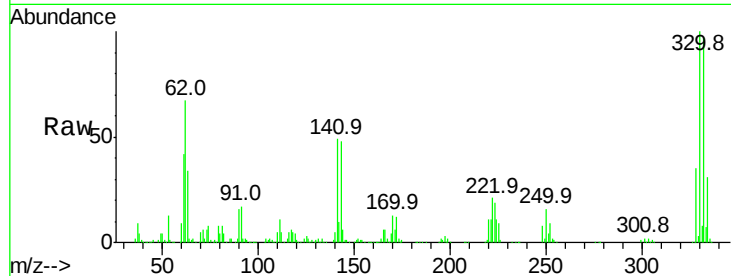




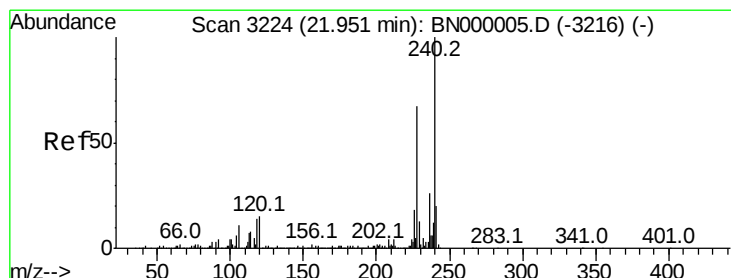
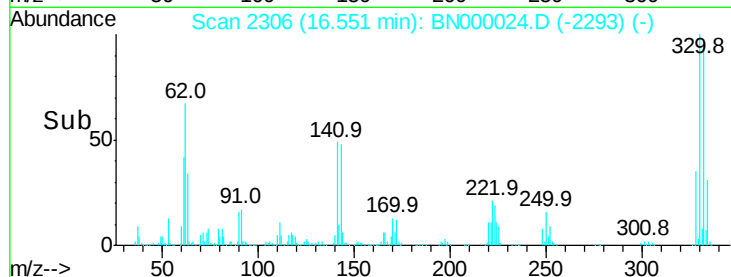
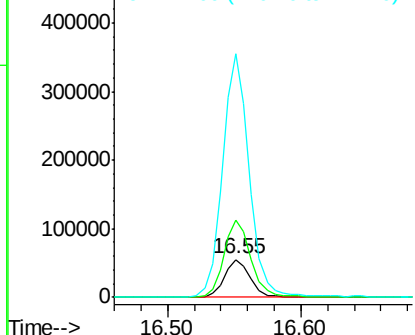
#66
 4-Bromophenyl-phenylether
 Concen: 3.595 ng
 RT: 16.55 min Scan# 2306
 Delta R.T. -0.45 min
 Lab File: BN000024.D
 Acq: 06 Feb 2018 10:10

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:248 Resp: 74916
 Ion Ratio Lower Upper
 248 100
 250 205.2 77.1 115.7#
 141 647.6 50.8 76.2#

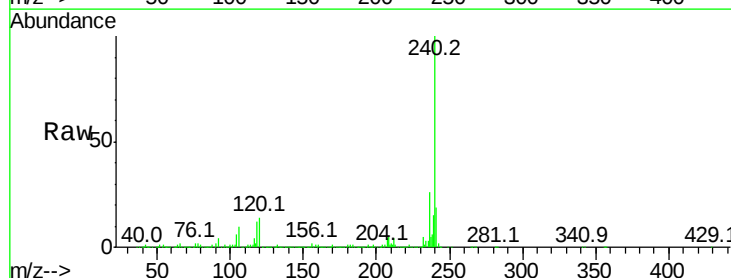


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

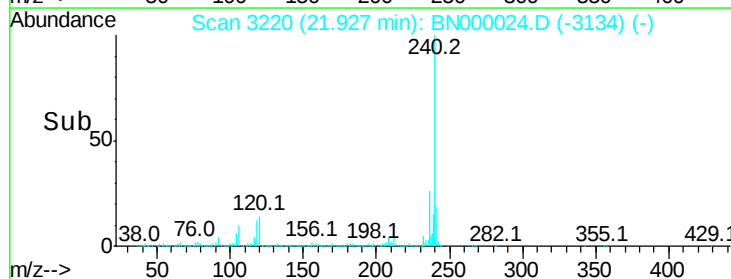
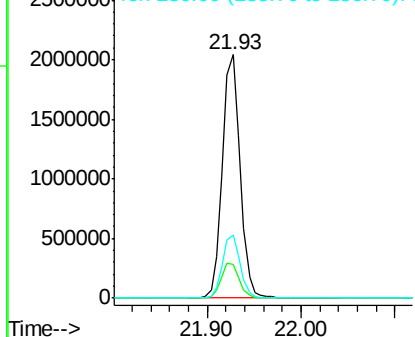


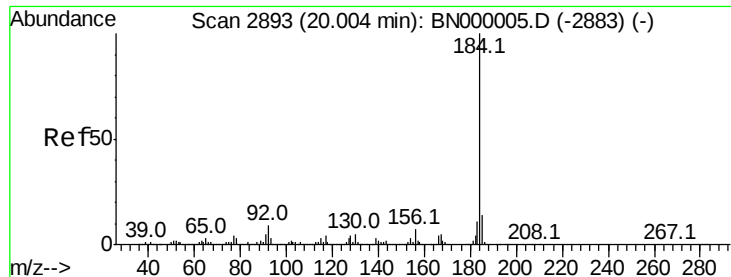
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.93 min Scan# 3220
 Delta R.T. -0.02 min
 Lab File: BN000024.D
 Acq: 06 Feb 2018 10:10

Tgt Ion:240 Resp: 2691587
 Ion Ratio Lower Upper
 240 100
 120 13.9 6.8 10.2#
 236 26.1 20.9 31.3



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





#76

Benzidine

Concen: 2.256 ng

RT: 20.37 min Scan# 2955

Delta R.T. 0.36 min

Lab File: BN000024.D

Acq: 06 Feb 2018 10:10

Instrument :

BNA_N

ClientSampleId :

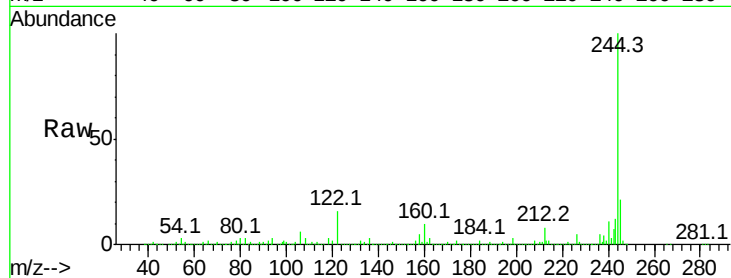
Tot Ion:184 Resp: 153714

Ion Ratio Lower Upper

184 100

185 16.2 11.1 16.7

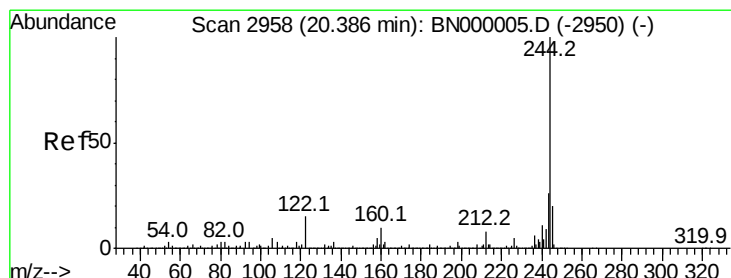
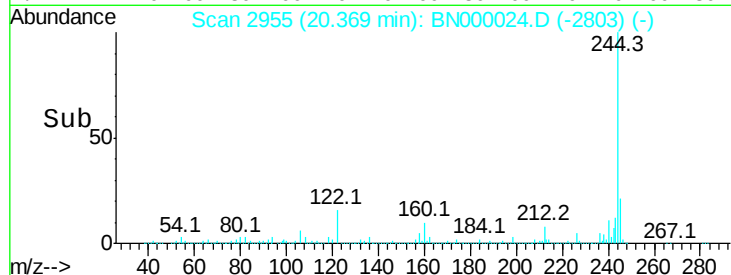
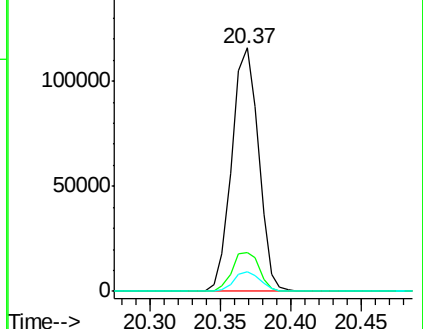
183 8.0 10.6 16.0#



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



#78

Terphenyl-d14

Concen: 87.892 ng

RT: 20.37 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BN000024.D

Acq: 06 Feb 2018 10:10

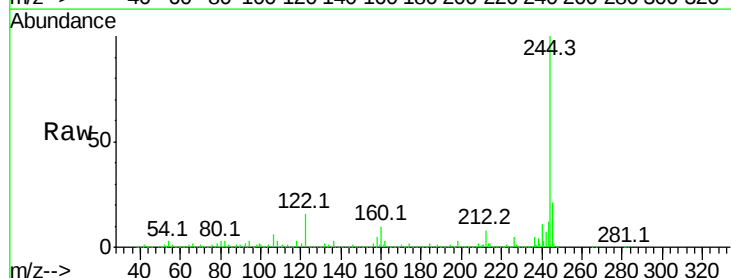
Tgt Ion:244 Resp: 8962834

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

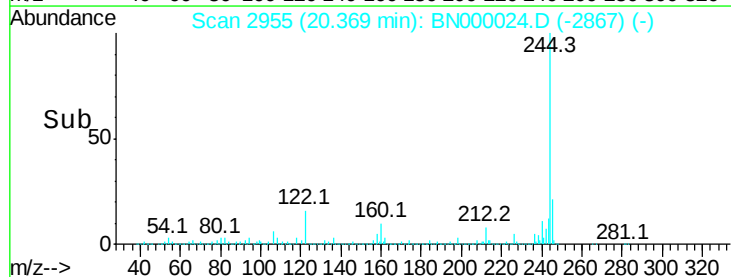
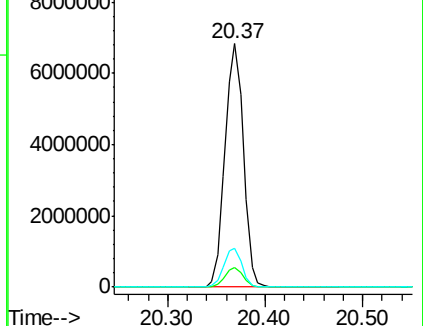
122 16.0 7.0 10.4#

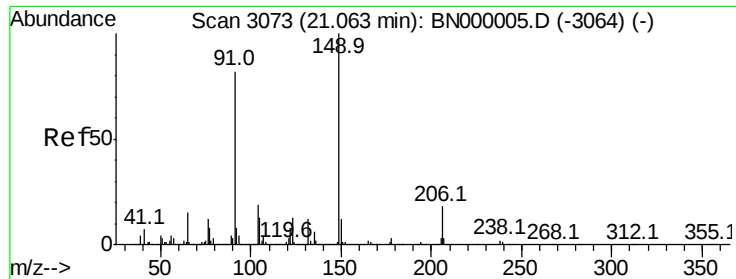


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

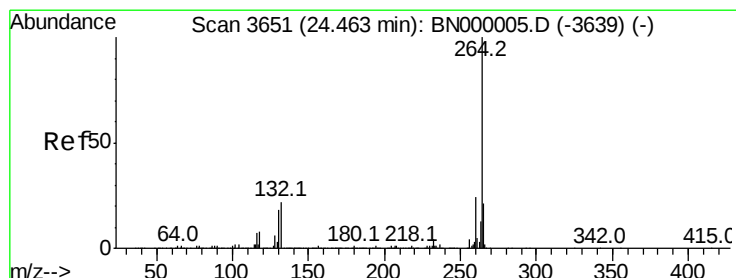
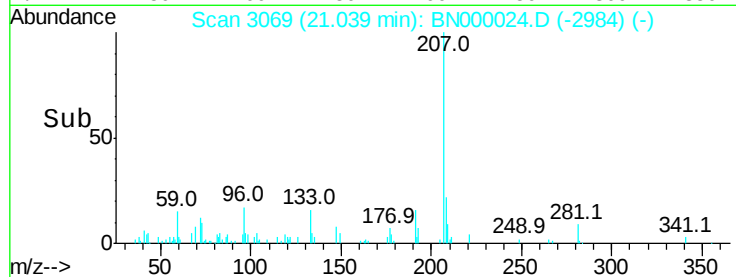
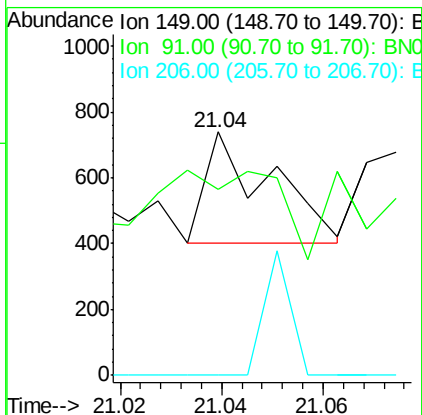
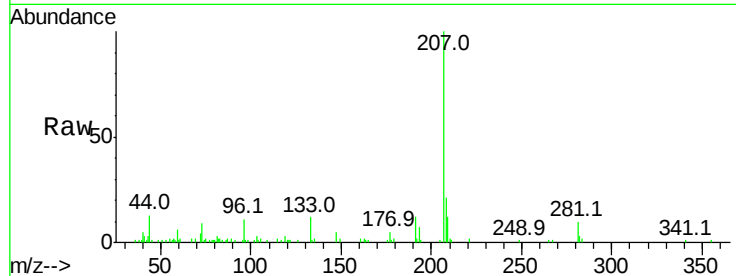




#79
Butylbenzylphthalate
Concen: 5.050 ng
RT: 21.04 min Scan# 3069
Delta R.T. -0.03 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

Instrument :
BNA_N
ClientSampled :

Tot Ion:149 Resp: 303
Ion Ratio Lower Upper
149 100
91 76.3 62.2 93.2
206 0.0 18.6 27.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.42 min Scan# 3644
Delta R.T. -0.04 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

Tgt Ion:264 Resp: 3007084
Ion Ratio Lower Upper
264 100
260 23.5 17.4 26.0
265 21.2 17.7 26.5

