

Data Path : Z:\HPCHEM1\BNA N\DATA\BN030618\
 Data File : BN000272.D
 Acq On : 06 Mar 2018 20:00
 Operator : JU/SJ
 Sample : PB107073BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 07 04:32:58 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

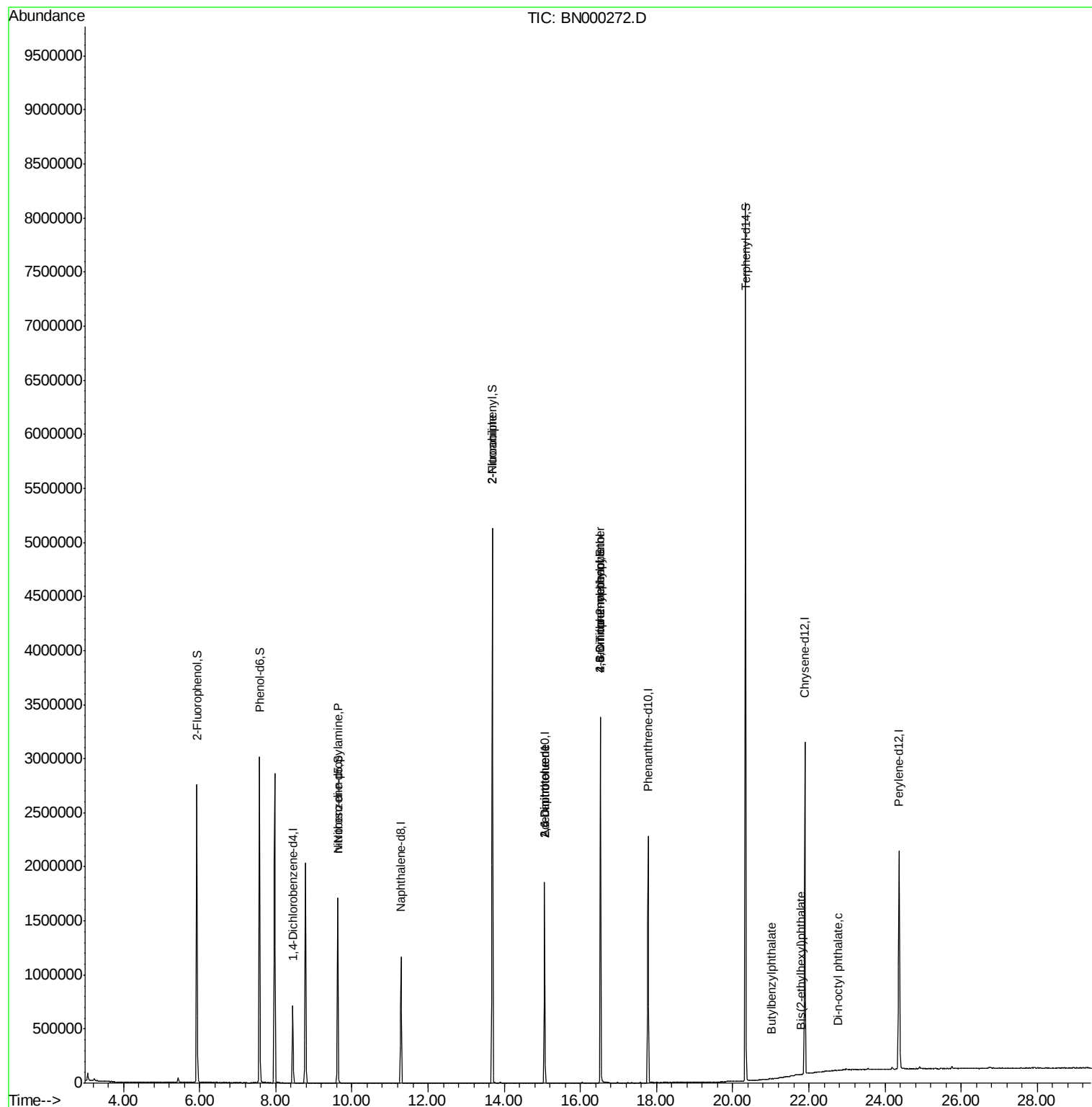
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	192348	20.00	ng	-0.02
21) Naphthalene-d8	11.29	136	958254	20.00	ng	-0.02
38) Acenaphthene-d10	15.06	164	568086	20.00	ng	-0.02
63) Phenanthrene-d10	17.78	188	1260450	20.00	ng	-0.02
75) Chrysene-d12	21.89	240	1310499	20.00	ng	-0.03
86) Perylene-d12	24.37	264	1381081	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	1354766	114.79	ng	-0.02
7) Phenol-d6	7.58	99	1925028	107.68	ng	-0.02
23) Nitrobenzene-d5	9.63	82	1050519	65.18	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	494197	87.89	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	2497687	61.97	ng	-0.03
78) Terphenyl-d14	20.34	244	3477909	71.66	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.63	70	131727	10.996	ng	# 71
47) 2-Nitroaniline	13.69	65	4535	5.248	ng	# 1
50) 2,6-Dinitrotoluene	15.06	165	72253	7.370	ng	# 20
56) 2,4-Dinitrotoluene	15.06	165	72253	8.883	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.52	198	1590	8.925	ng	# 1
66) 4-Bromophenyl-phenylether	16.53	248	35879	2.993	ng	# 1
79) Butylbenzylphthalate	21.02	149	223	5.381	ng	# 70
83) Bis(2-ethylhexyl)phthalate	21.80	149	264	2.907	ng	# 50
84) Di-n-octyl phthalate	22.76	149	410	6.734	ng	# 1

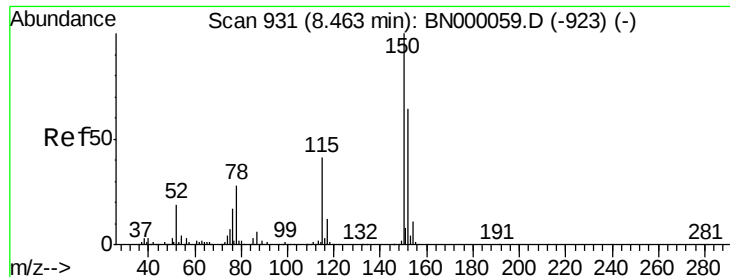
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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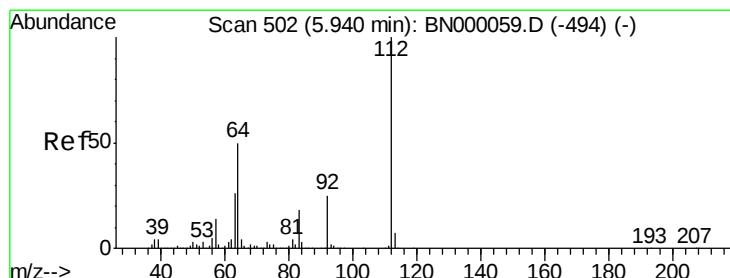
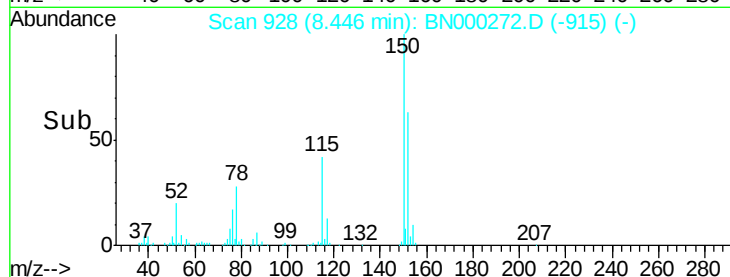
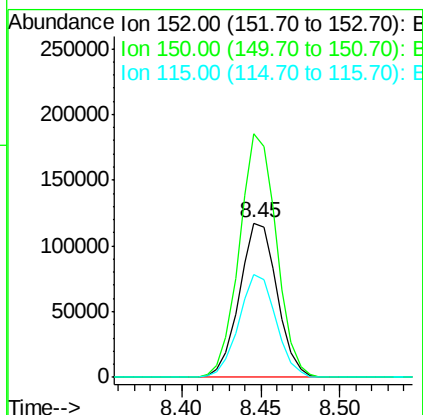
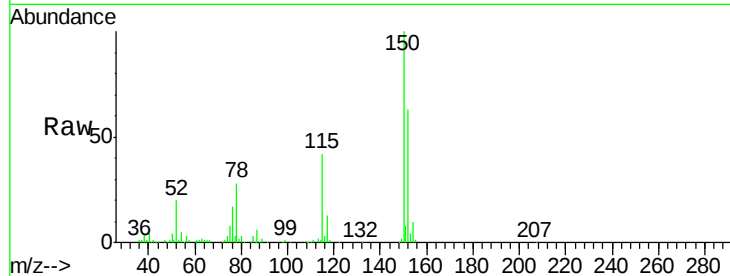


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.02 min
Lab File: BN000272.D
Acq: 06 Mar 2018 20:00

Instrument :
BNA_N
ClientSampleId :

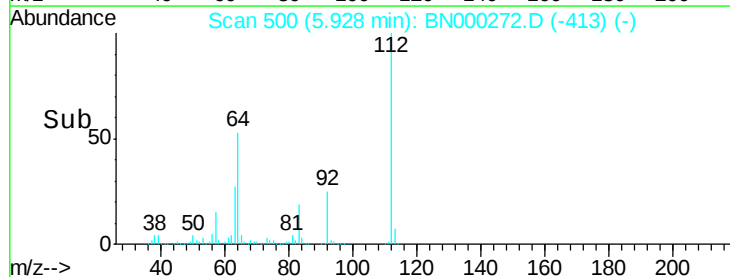
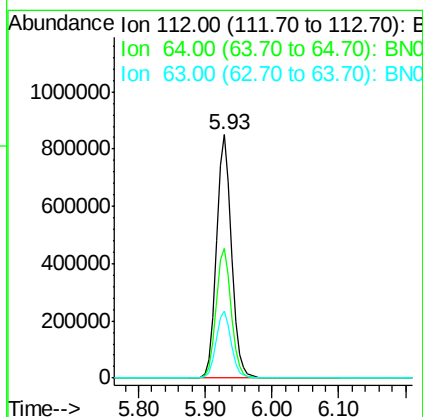
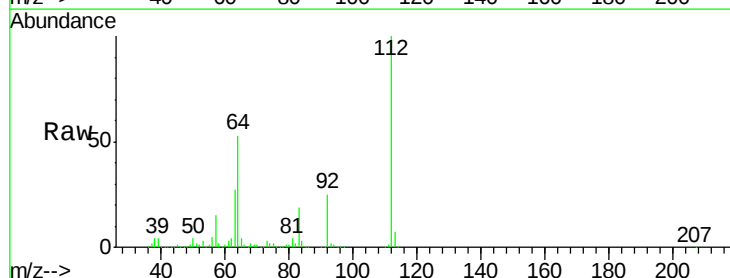
Tot Ion	152	Resp	192348
Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.6	189.8
115	66.3	53.0	79.4

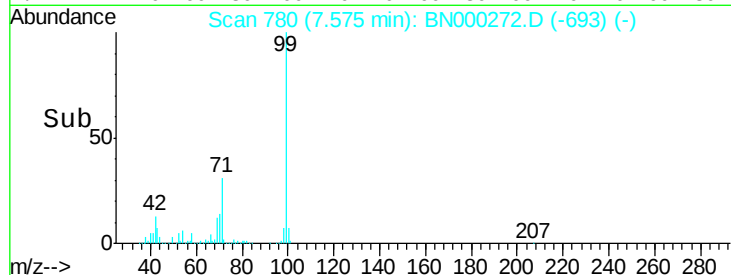
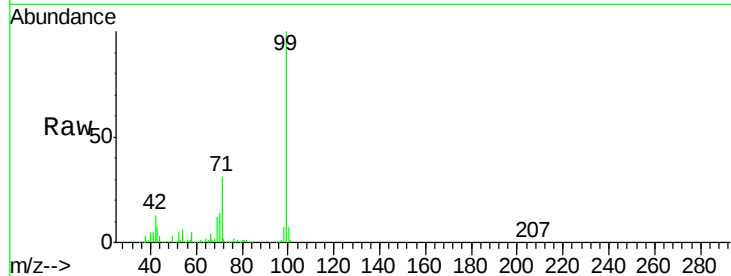
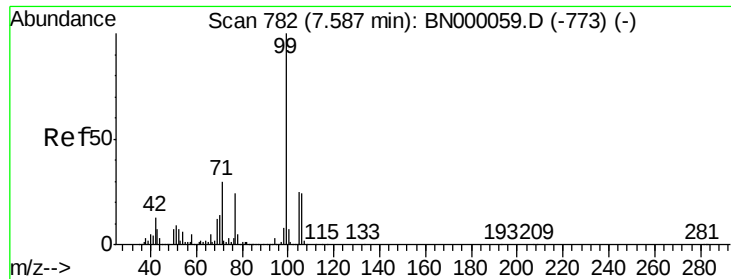


#5

2-Fluorophenol
Concen: 114.790 ng
RT: 5.93 min Scan# 500
Delta R.T. -0.02 min
Lab File: BN000272.D
Acq: 06 Mar 2018 20:00

Tgt Ion	112	Resp	1354766
Ion	Ratio	Lower	Upper
112	100		
64	53.4	56.3	84.5#
63	27.3	30.1	45.1#





#7

Phenol-d6

Concen: 107.679 ng

RT: 7.58 min Scan# 780

Delta R.T. -0.02 min

Lab File: BN000272.D

Acq: 06 Mar 2018 20:00

Instrument :

BNA_N

ClientSampleId :

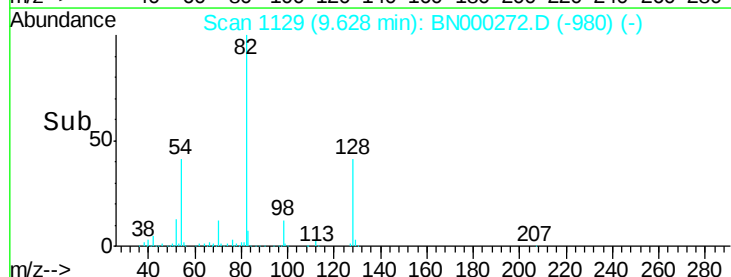
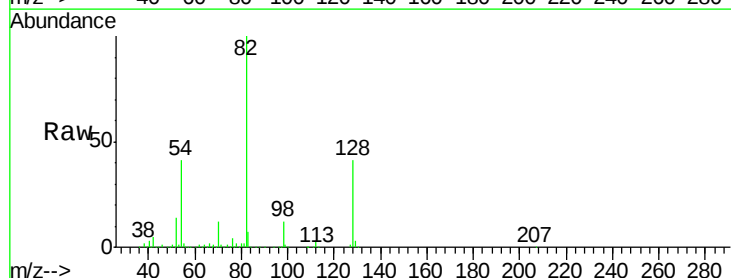
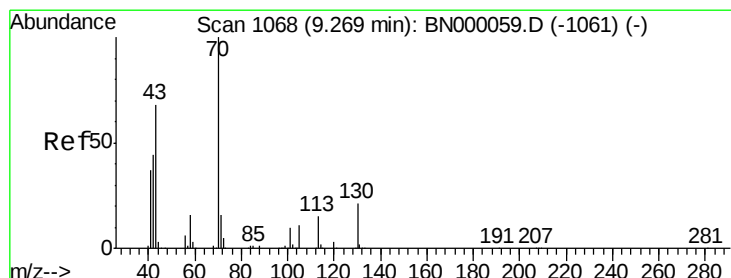
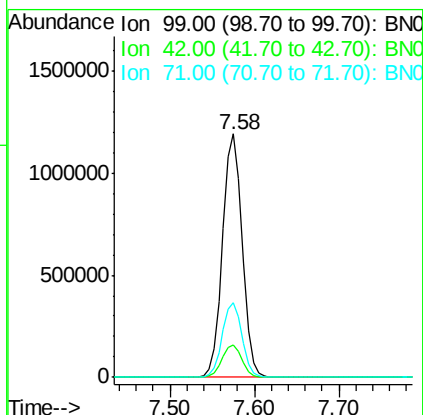
Tot Ion: 99 Resp: 1925028

Ion Ratio Lower Upper

99 100

42 13.2 14.1 21.1#

71 30.6 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 10.996 ng

RT: 9.63 min Scan# 1129

Delta R.T. 0.35 min

Lab File: BN000272.D

Acq: 06 Mar 2018 20:00

Tgt Ion: 70 Resp: 131727

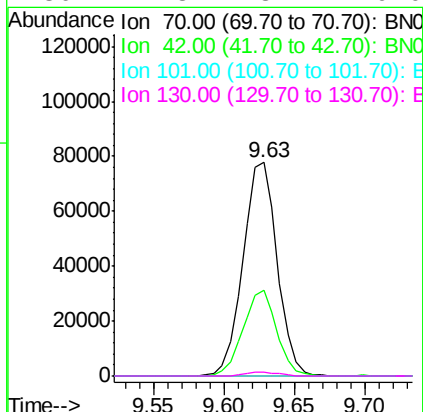
Ion Ratio Lower Upper

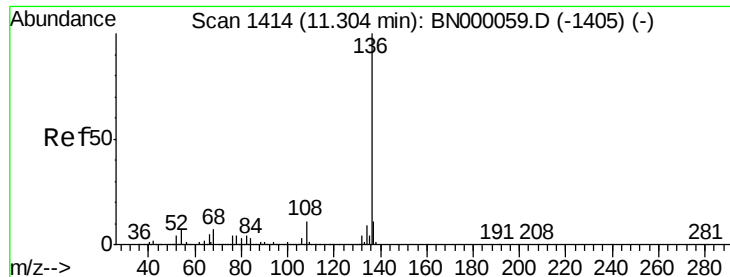
70 100

42 40.2 49.1 73.7#

101 0.0 8.5 12.7#

130 1.8 13.4 20.0#

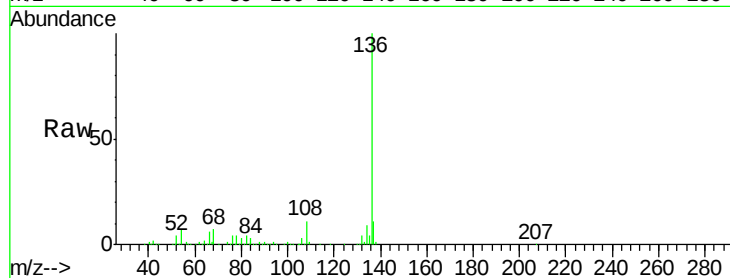




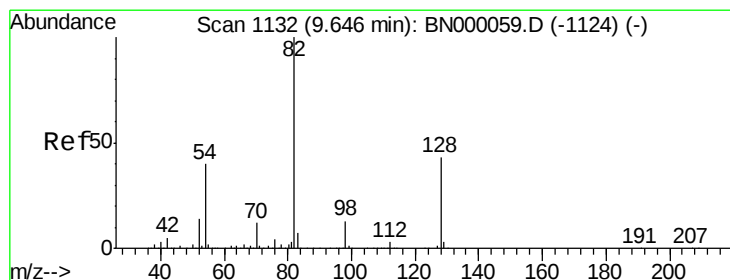
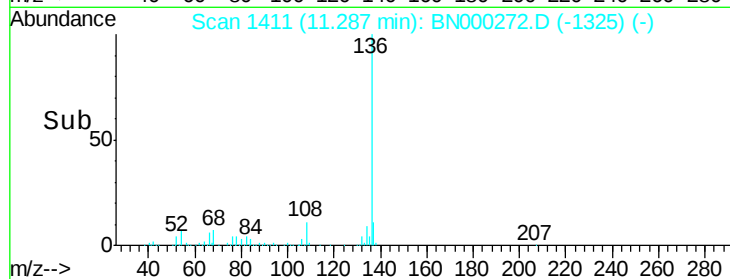
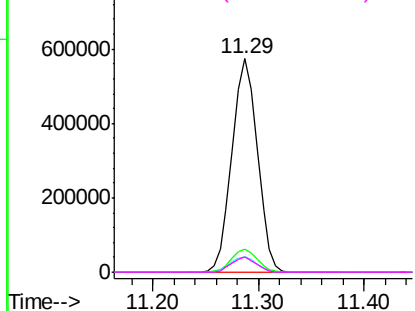
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.29 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BN000272.D
Acq: 06 Mar 2018 20:00

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136	Resp:	958254
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.2 13.8
54	7.4	10.3 15.5#
68	7.0	4.5 6.7#

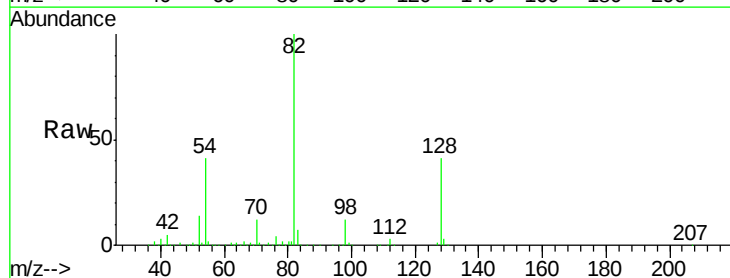


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

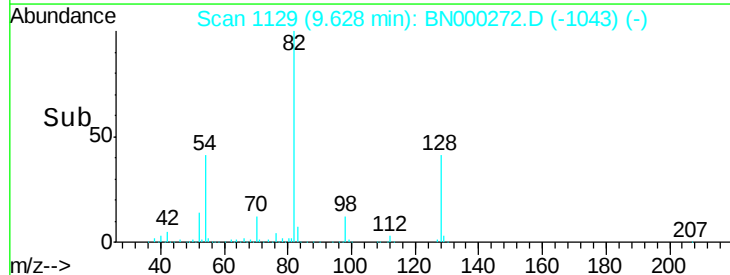
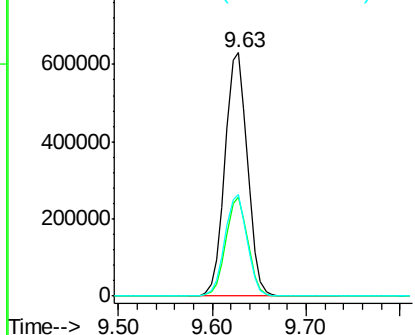


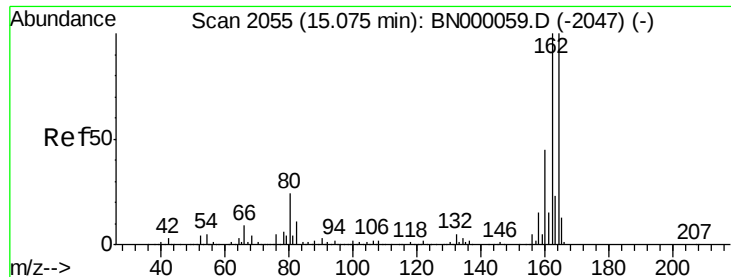
#23
Nitrobenzene-d5
Concen: 65.180 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BN000272.D
Acq: 06 Mar 2018 20:00

Tgt Ion: 82	Resp:	1050519
Ion	Ratio	Lower Upper
82	100	
128	40.6	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: 15.06 min Scan# 2052

Delta R.T. -0.02 min

Lab File: BN000272.D

Acq: 06 Mar 2018 20:00

Instrument :

BNA_N

ClientSampled :

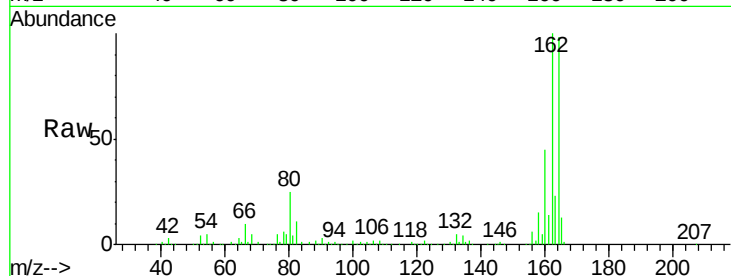
Tot Ion:164 Resp: 568086

Ion Ratio Lower Upper

164 100

162 102.0 78.8 118.2

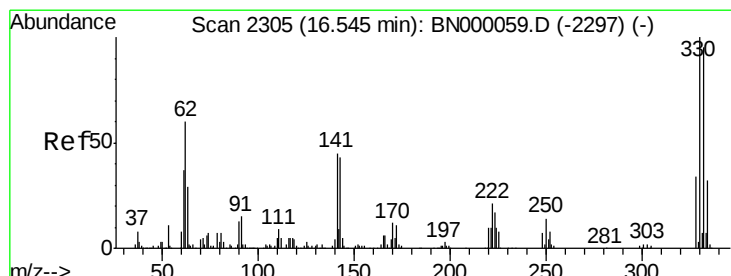
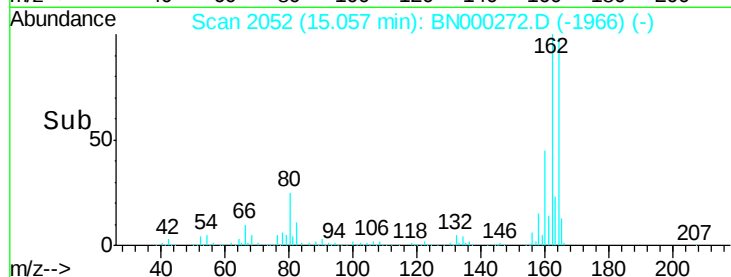
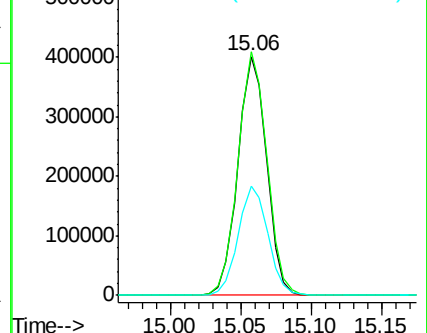
160 45.6 35.4 53.0



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: 87.886 ng

RT: 16.53 min Scan# 2302

Delta R.T. -0.02 min

Lab File: BN000272.D

Acq: 06 Mar 2018 20:00

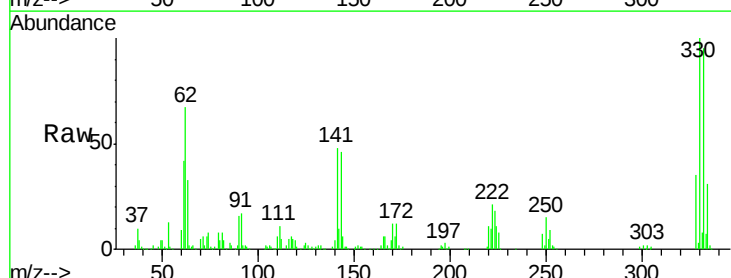
Tgt Ion:330 Resp: 494197

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

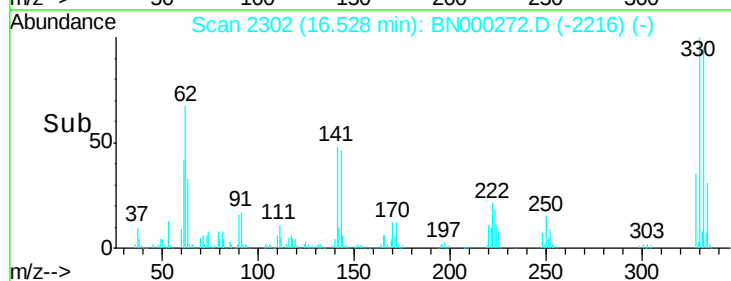
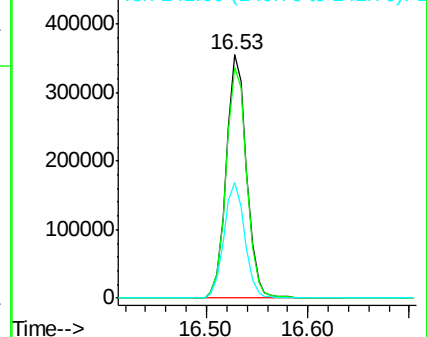
141 48.6 25.2 37.8#

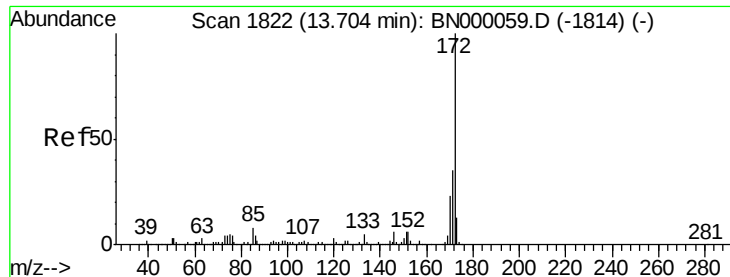


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

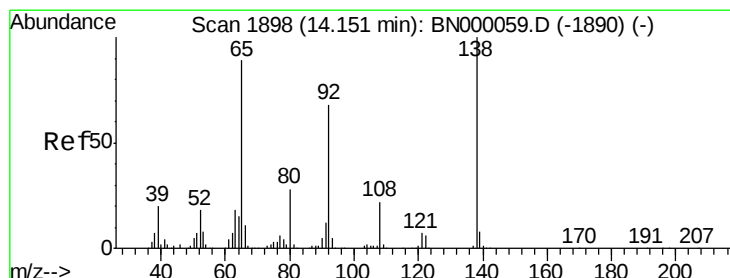
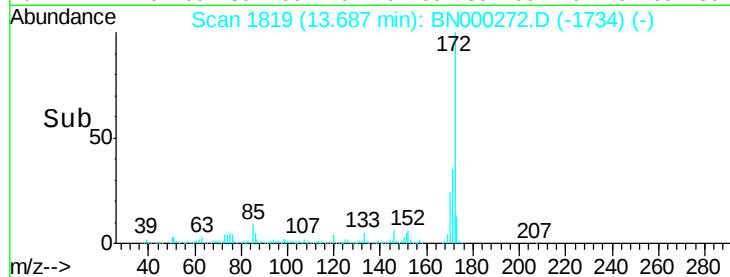
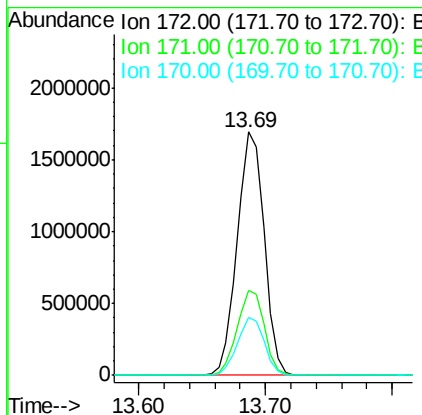
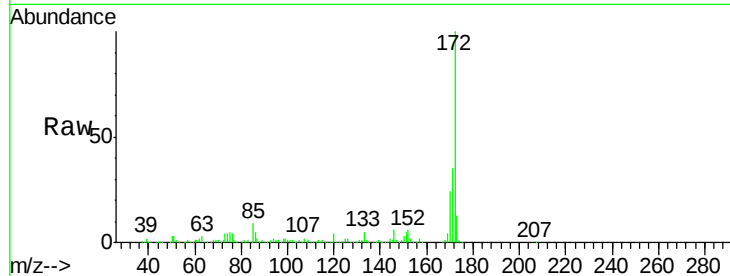




#44
2-Fluorobiphenyl
Concen: 61.967 ng
RT: 13.69 min Scan# 1819
Delta R.T. -0.03 min
Lab File: BN000272.D
Acq: 06 Mar 2018 20:00

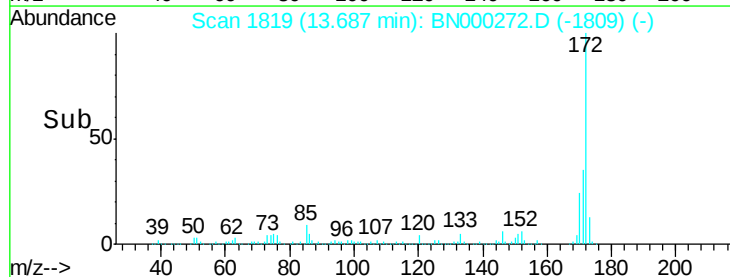
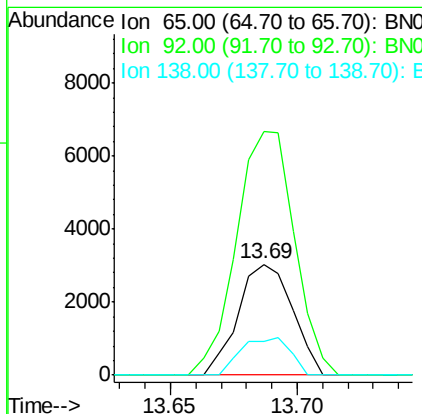
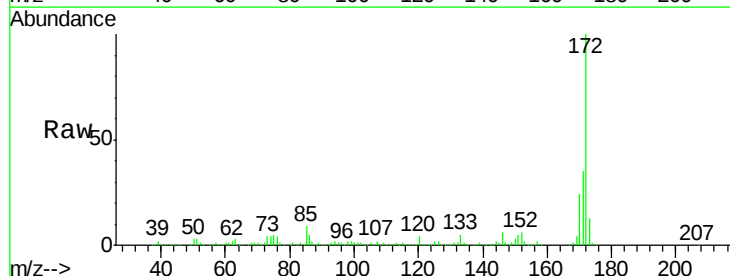
Instrument :
BNA_N
ClientSampleId :

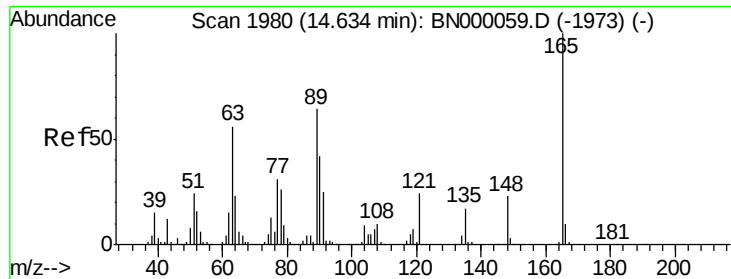
Tot Ion:172 Resp: 2497687
Ion Ratio Lower Upper
172 100
171 35.1 30.0 45.0
170 23.7 19.5 29.3



#47
2-Nitroaniline
Concen: 5.248 ng
RT: 13.69 min Scan# 1819
Delta R.T. -0.47 min
Lab File: BN000272.D
Acq: 06 Mar 2018 20:00

Tgt Ion: 65 Resp: 4535
Ion Ratio Lower Upper
65 100
92 219.7 54.6 82.0#
138 30.1 72.9 109.3#

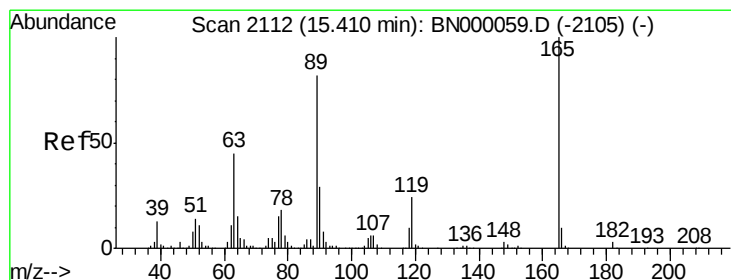
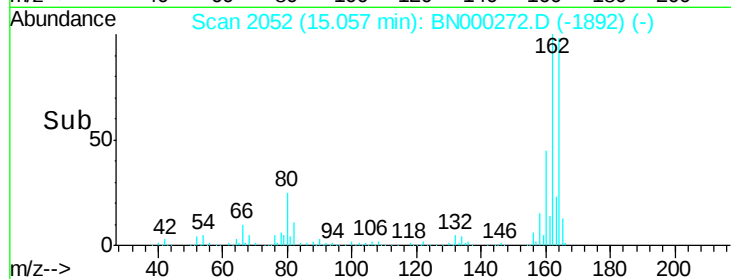
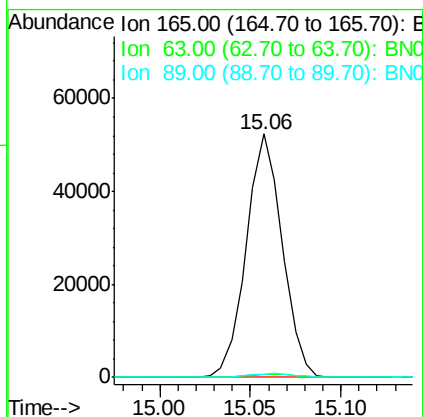
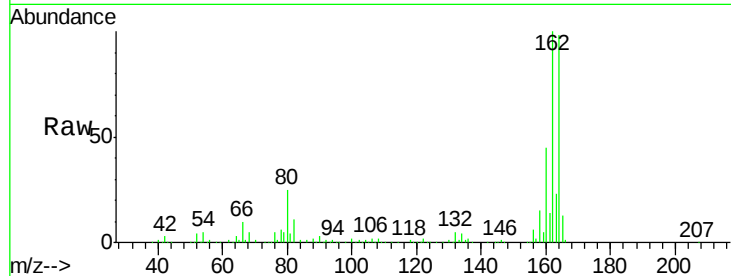




#50
 2,6-Dinitrotoluene
 Concen: 7.370 ng
 RT: 15.06 min Scan# 2052
 Delta R.T. 0.41 min
 Lab File: BN000272.D
 Acq: 06 Mar 2018 20:00

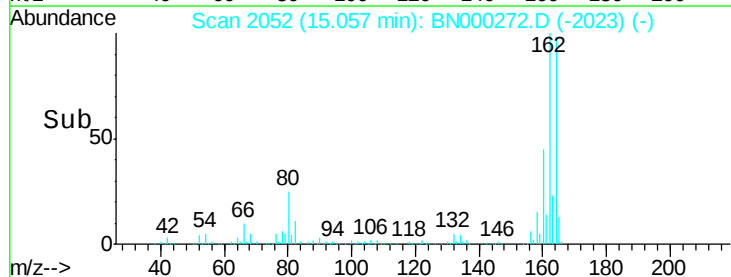
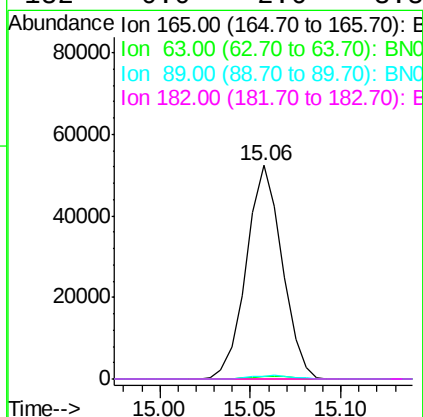
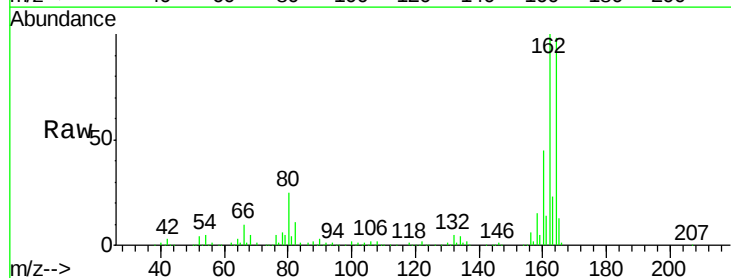
Instrument :
 BNA_N
 ClientSampleId :

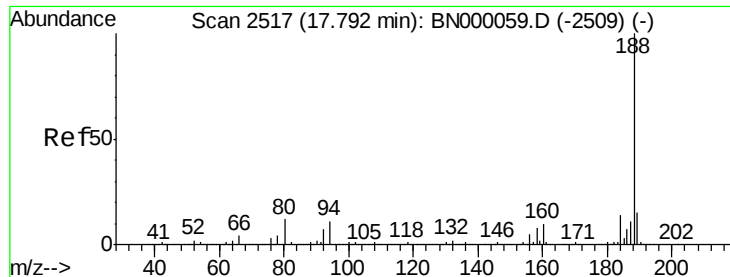
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	52.7	79.1#
89	1.5	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 8.883 ng
 RT: 15.06 min Scan# 2052
 Delta R.T. -0.36 min
 Lab File: BN000272.D
 Acq: 06 Mar 2018 20:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.0	63.0#
89	1.5	66.9	100.3#
182	0.0	2.6	3.8#

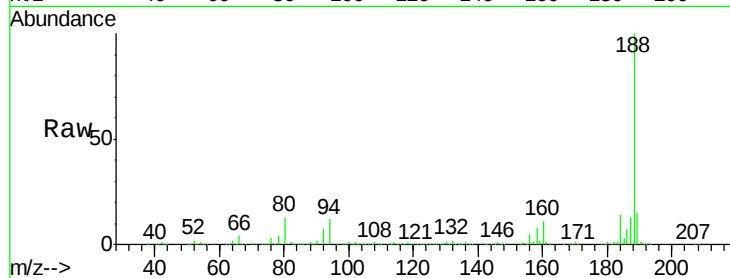




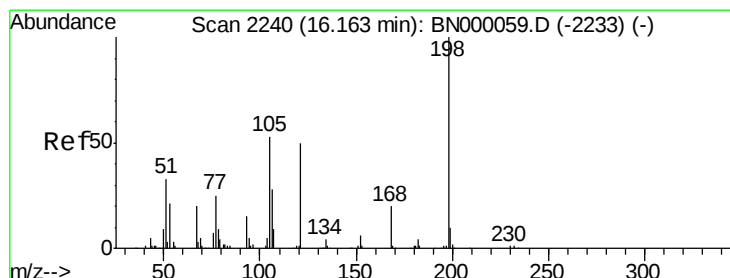
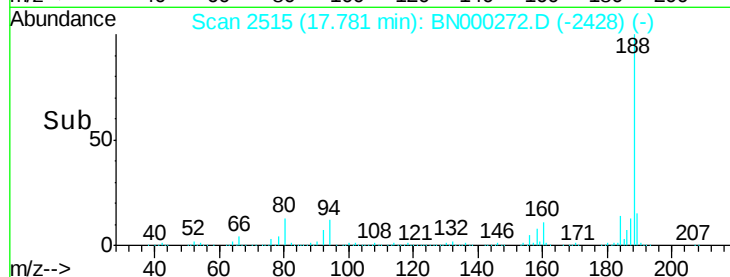
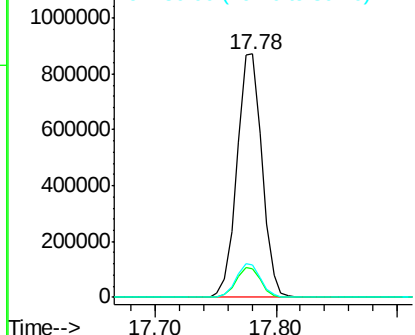
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.78 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BN000272.D
Acq: 06 Mar 2018 20:00

Instrument :
BNA_N
ClientSampled :

Tot Ion:188 Resp: 1260450
Ion Ratio Lower Upper
188 100
94 12.0 6.9 10.3#
80 13.1 7.7 11.5#

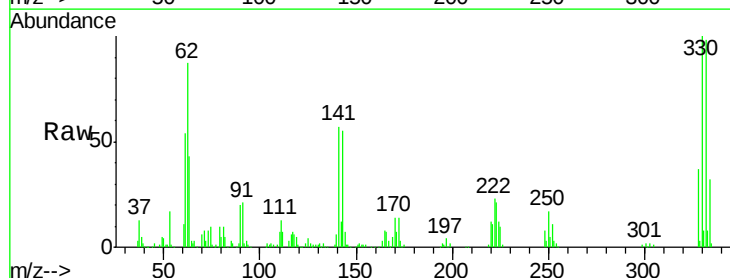


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

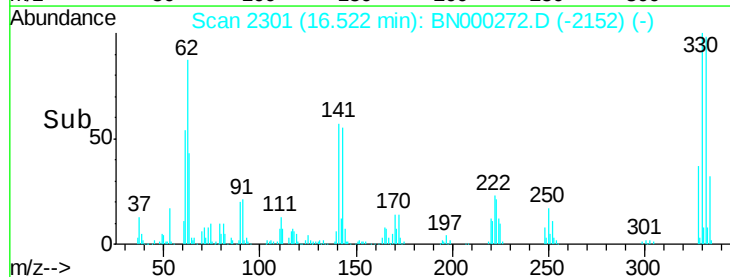
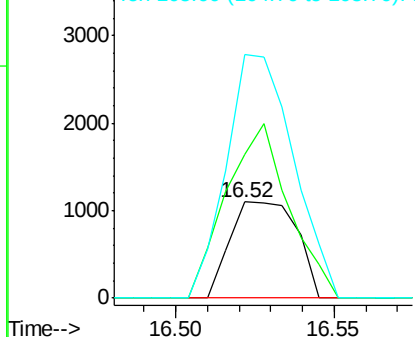


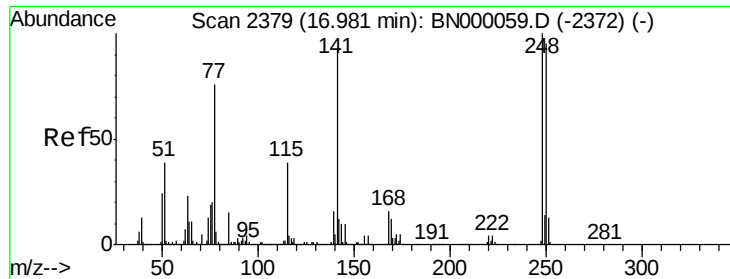
#64
4,6-Dinitro-2-methylphenol
Concen: 8.925 ng
RT: 16.52 min Scan# 2301
Delta R.T. 0.35 min
Lab File: BN000272.D
Acq: 06 Mar 2018 20:00

Tgt Ion:198 Resp: 1590
Ion Ratio Lower Upper
198 100
51 149.3 30.6 70.6#
105 253.0 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

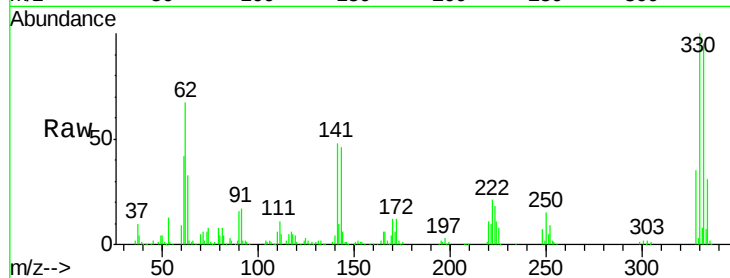




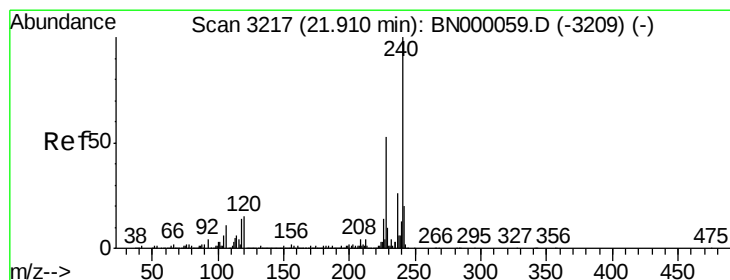
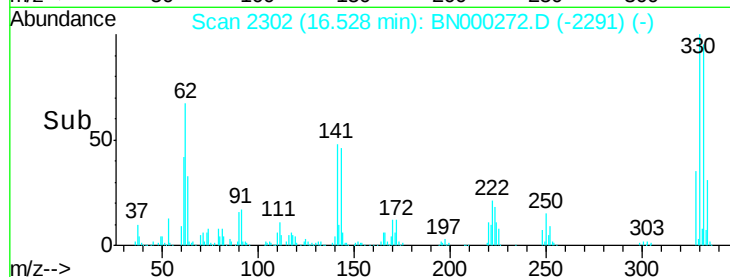
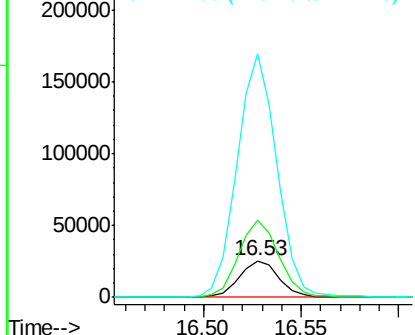
#66
4-Bromophenyl-phenylether
Concen: 2.993 ng
RT: 16.53 min Scan# 2302
Delta R.T. -0.46 min
Lab File: BN000272.D
Acq: 06 Mar 2018 20:00

Instrument :
BNA_N
ClientSampled :

Tot Ion:248 Resp: 35879
Ion Ratio Lower Upper
248 100
250 213.4 77.1 115.7#
141 670.2 50.8 76.2#

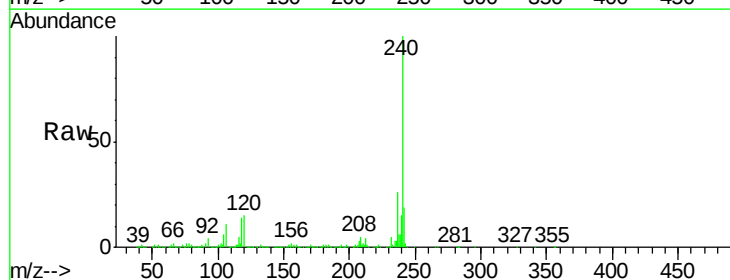


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

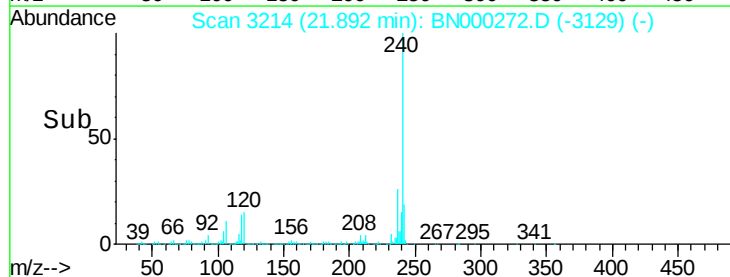
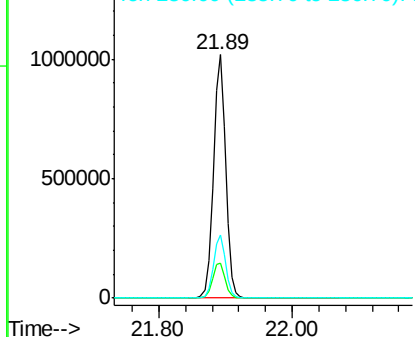


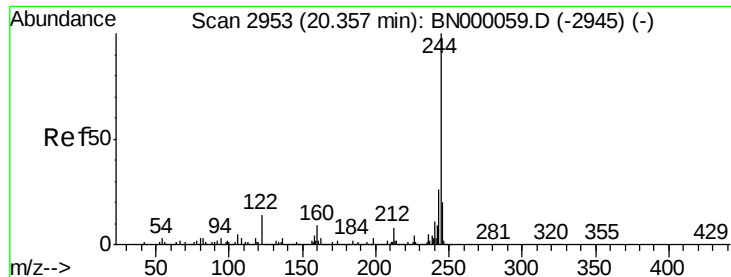
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.89 min Scan# 3214
Delta R.T. -0.03 min
Lab File: BN000272.D
Acq: 06 Mar 2018 20:00

Tgt Ion:240 Resp: 1310499
Ion Ratio Lower Upper
240 100
120 14.5 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





#78

Terphenyl-d14

Concen: 71.659 ng

RT: 20.34 min Scan# 2950

Delta R.T. -0.02 min

Lab File: BN000272.D

Acq: 06 Mar 2018 20:00

Instrument :

BNA_N

ClientSampleId :

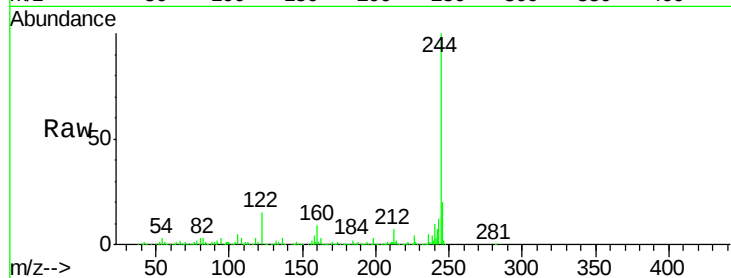
Tot Ion:244 Resp: 3477909

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

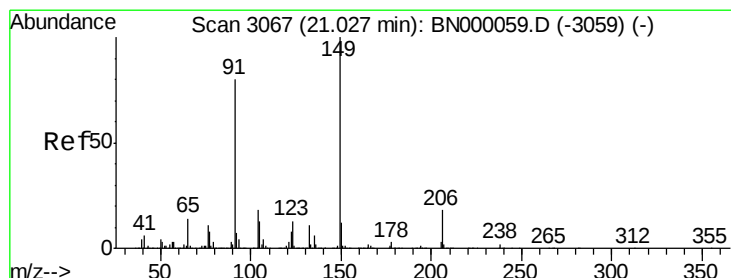
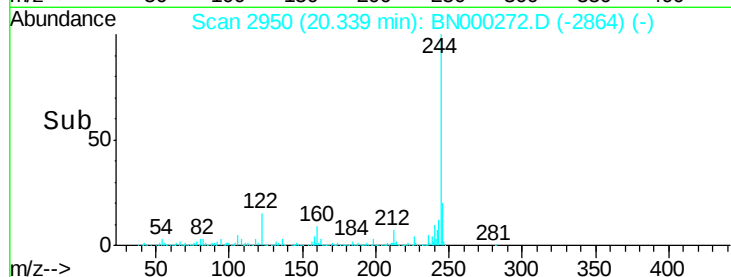
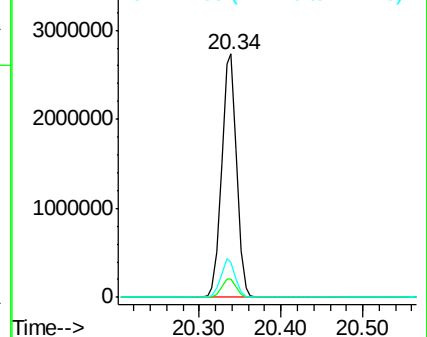
122 14.5 7.0 10.4#



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: 5.381 ng

RT: 21.02 min Scan# 3065

Delta R.T. -0.02 min

Lab File: BN000272.D

Acq: 06 Mar 2018 20:00

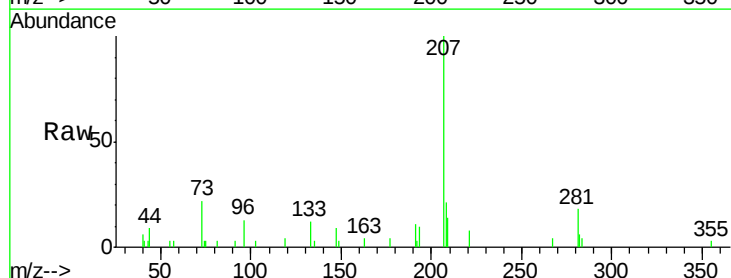
Tgt Ion:149 Resp: 223

Ion Ratio Lower Upper

149 100

91 98.8 62.2 93.2#

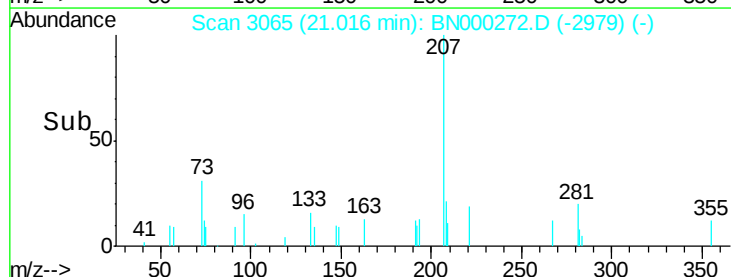
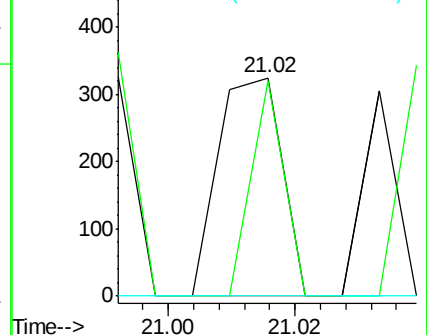
206 0.0 18.6 27.8#

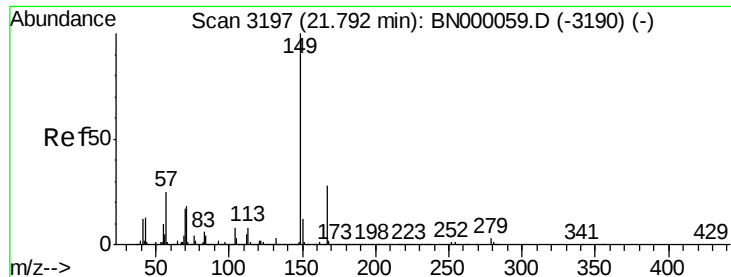


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E

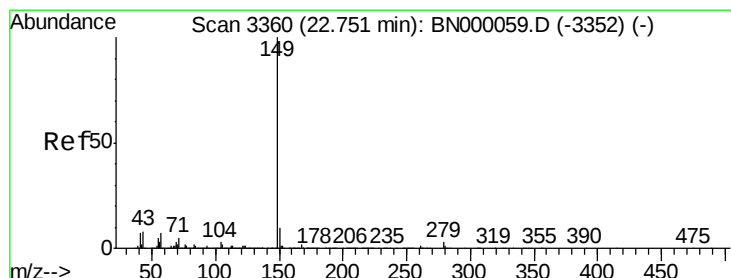
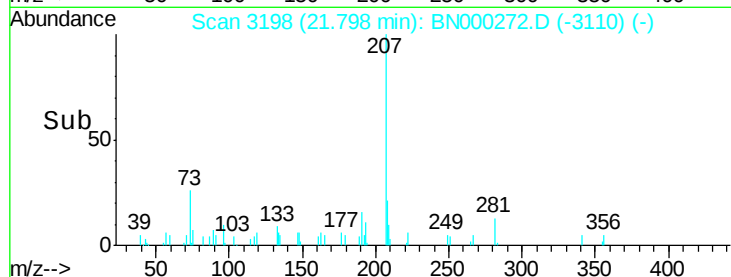
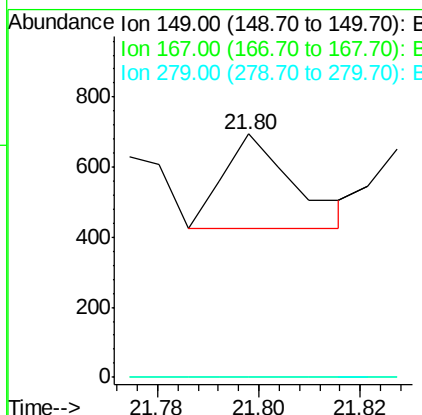
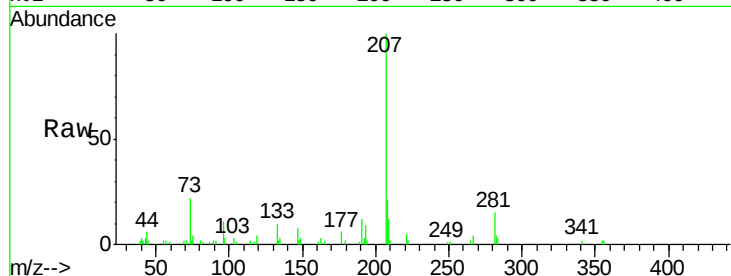




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.907 ng
 RT: 21.80 min Scan# 3198
 Delta R.T. -0.01 min
 Lab File: BN000272.D
 Acq: 06 Mar 2018 20:00

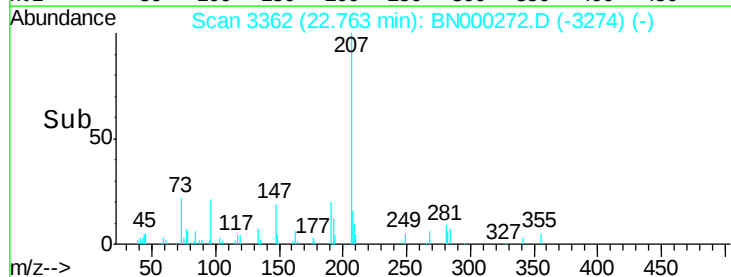
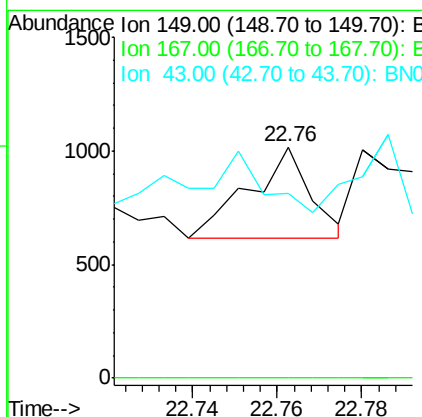
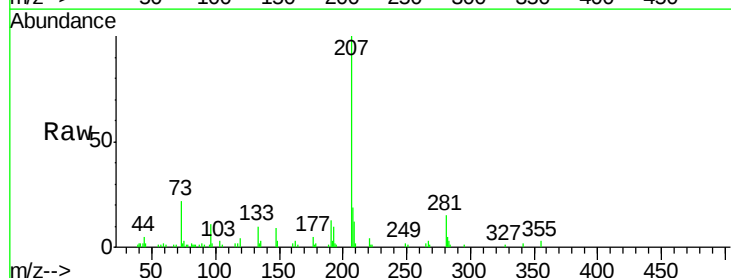
Instrument :
 BNA_N
 ClientSampled :

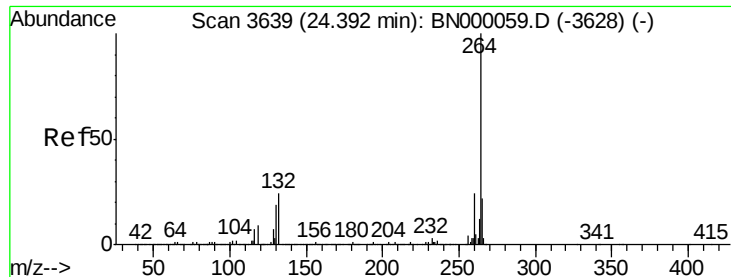
Tot Ion:149 Resp: 264
 Ion Ratio Lower Upper
 149 100
 167 0.0 24.3 36.5#
 279 0.0 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 6.734 ng
 RT: 22.76 min Scan# 3362
 Delta R.T. -0.01 min
 Lab File: BN000272.D
 Acq: 06 Mar 2018 20:00

Tgt Ion:149 Resp: 410
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.0#
 43 70.7 8.9 13.3#



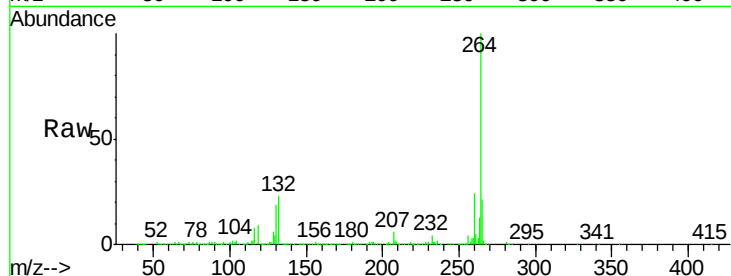


#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.37 min Scan# 3635
Delta R.T. -0.05 min
Lab File: BN000272.D
Acq: 06 Mar 2018 20:00

Instrument :
BNA_N
ClientSampleId :

Tot Ion:264 Resp: 1381081

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.2	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

