

Data Path : Z:\HPCHEM1\BNA N\DATA\BN030618\
 Data File : BN000271.D
 Acq On : 06 Mar 2018 19:26
 Operator : JU/SJ
 Sample : J1799-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 07 04:32:35 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

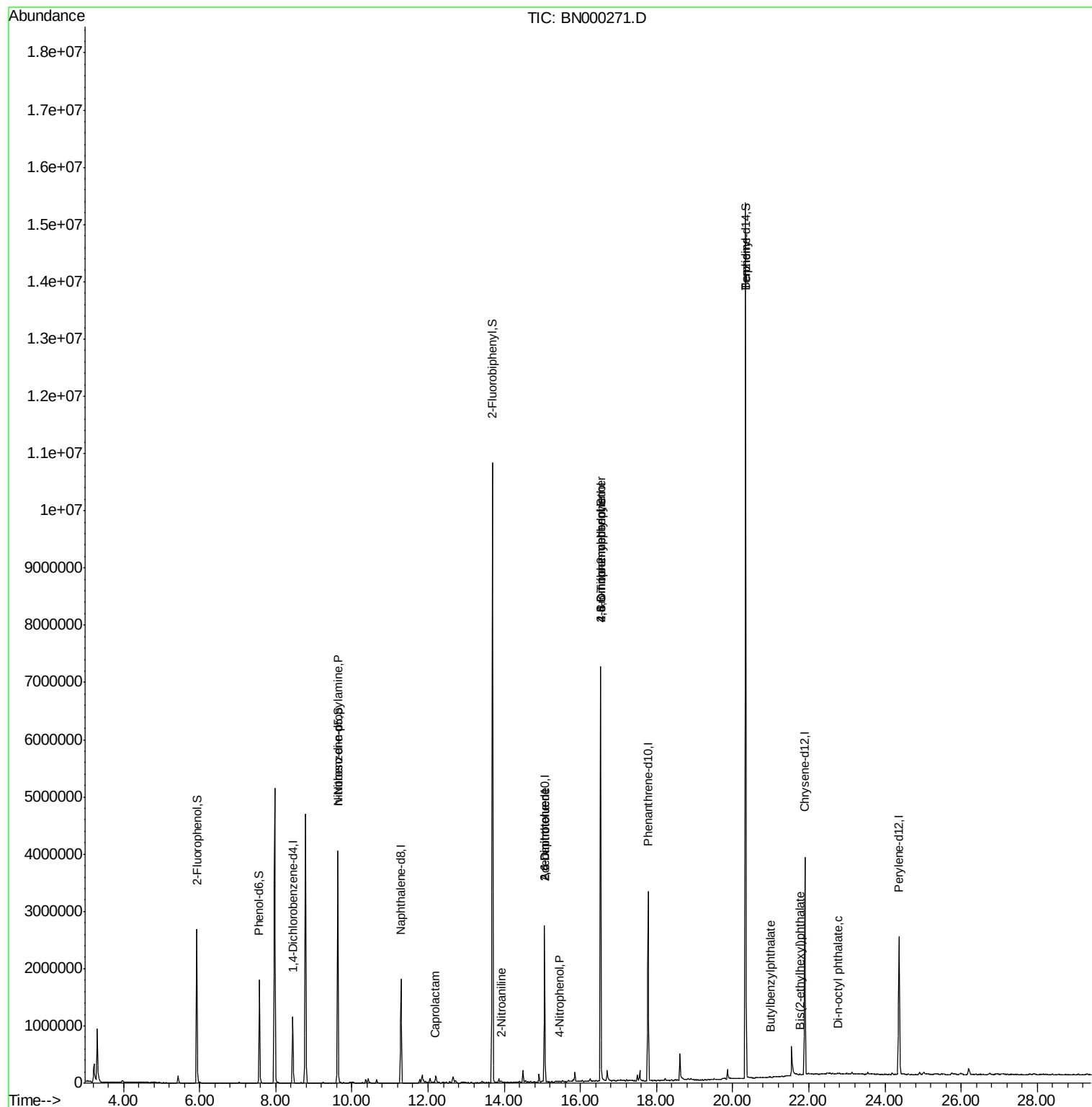
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	310518	20.00	ng	-0.02
21) Naphthalene-d8	11.29	136	1496948	20.00	ng	-0.02
38) Acenaphthene-d10	15.06	164	857252	20.00	ng	-0.02
63) Phenanthrene-d10	17.78	188	1772082	20.00	ng	-0.02
75) Chrysene-d12	21.89	240	1696772	20.00	ng	-0.03
86) Perylene-d12	24.37	264	1635923	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	1320510	69.31	ng	-0.02
7) Phenol-d6	7.58	99	1163918	40.33	ng	-0.02
23) Nitrobenzene-d5	9.63	82	2565739	101.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	1227643	144.68	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	5428362	89.25	ng	-0.02
78) Terphenyl-d14	20.34	244	6771119	107.75	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.63	70	326076	16.861	ng	# 69
35) Caprolactam	12.17	113	115	4.030	ng	# 31
47) 2-Nitroaniline	13.93	65	604	4.911	ng	# 9
50) 2,6-Dinitrotoluene	15.06	165	112175	7.583	ng	# 21
55) 4-Nitrophenol	15.46	139	136	4.985	ng	# 18
56) 2,4-Dinitrotoluene	15.06	165	112175	9.018	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.53	198	4116	9.109	ng	# 1
66) 4-Bromophenyl-phenylether	16.53	248	87179	5.173	ng	# 1
76) Benzidine	20.34	184	111334	2.058	ng	# 91
79) Butylbenzylphthalate	20.99	149	93	5.377	ng	# 23
83) Bis(2-ethylhexyl)phthalate	21.76	149	7362	2.994	ng	# 92
84) Di-n-octyl phthalate	22.76	149	2180	6.744	ng	# 53

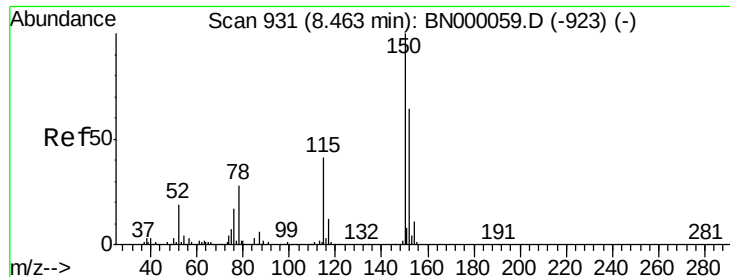
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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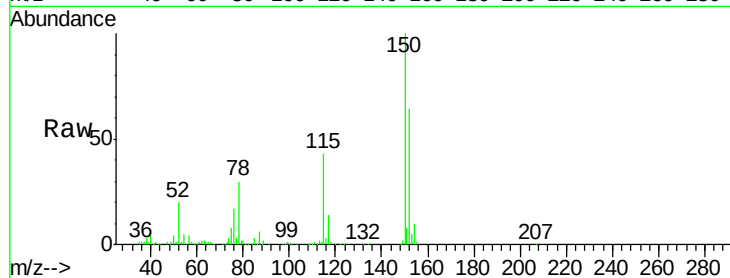


#1

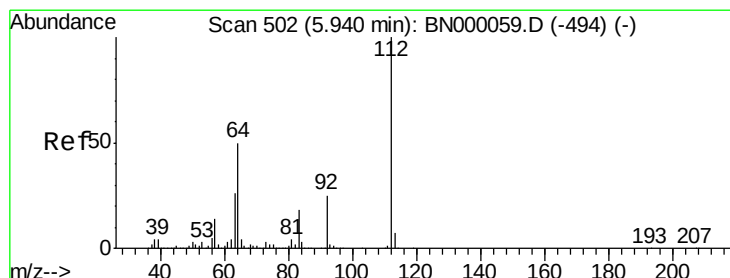
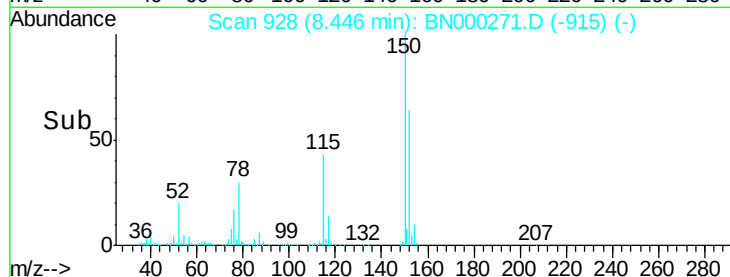
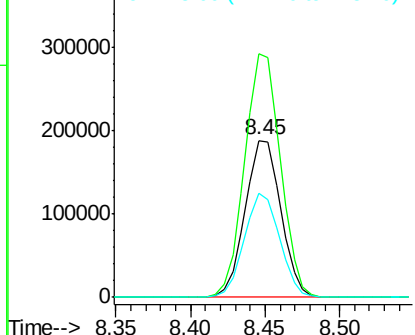
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.02 min
Lab File: BN000271.D
Acq: 06 Mar 2018 19:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.6	189.8
115	66.2	53.0	79.4



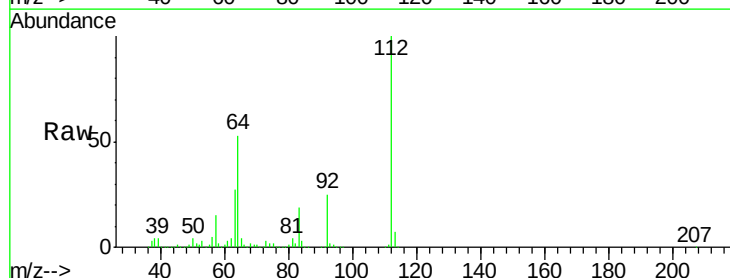
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



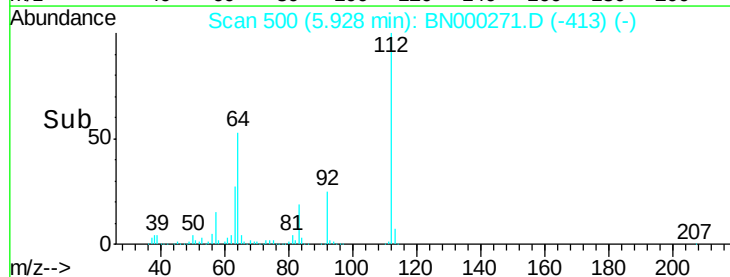
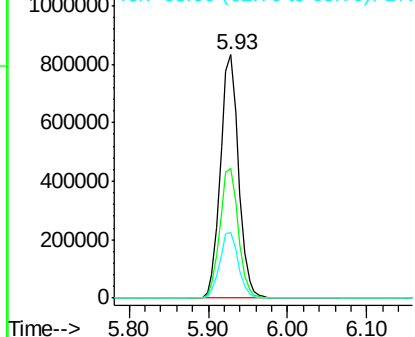
#5

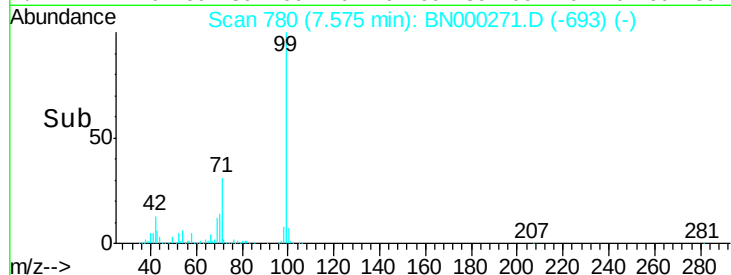
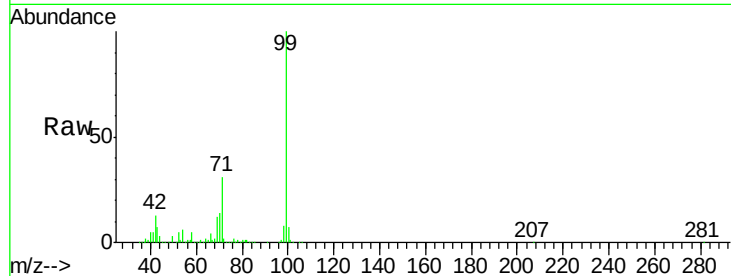
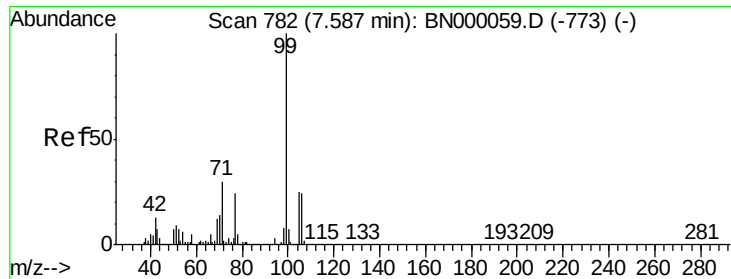
2-Fluorophenol
Concen: 69.308 ng
RT: 5.93 min Scan# 500
Delta R.T. -0.02 min
Lab File: BN000271.D
Acq: 06 Mar 2018 19:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	56.3	84.5#
63	26.8	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: 40.329 ng

RT: 7.58 min Scan# 780

Delta R.T. -0.02 min

Lab File: BN000271.D

Acq: 06 Mar 2018 19:26

Instrument :

BNA_N

ClientSampleId :

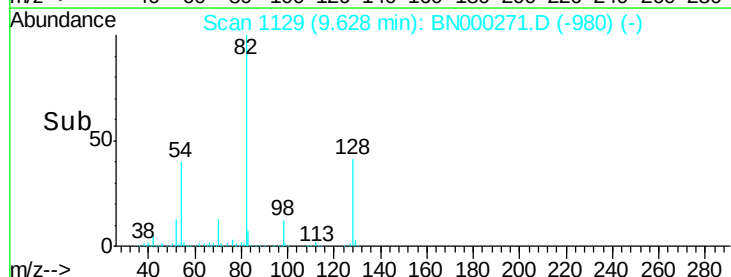
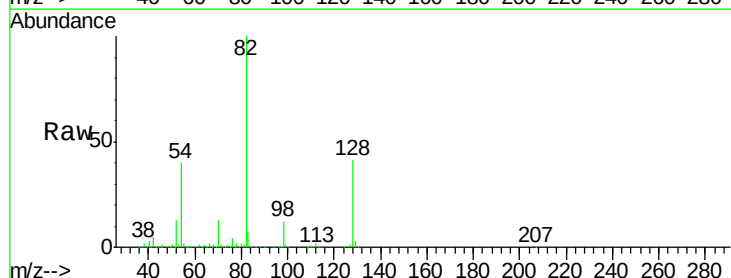
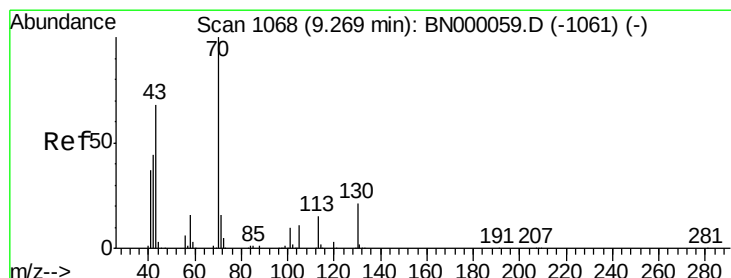
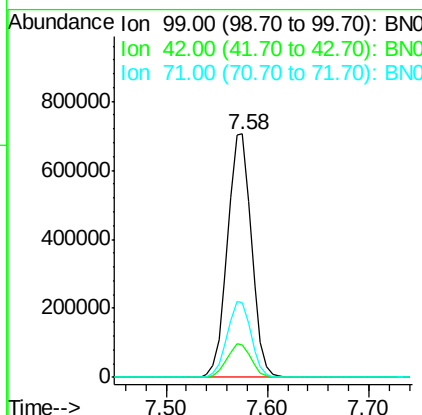
Tot Ion: 99 Resp: 1163918

Ion Ratio Lower Upper

99 100

42 13.2 14.1 21.1#

71 30.8 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 16.861 ng

RT: 9.63 min Scan# 1129

Delta R.T. 0.35 min

Lab File: BN000271.D

Acq: 06 Mar 2018 19:26

Tgt Ion: 70 Resp: 326076

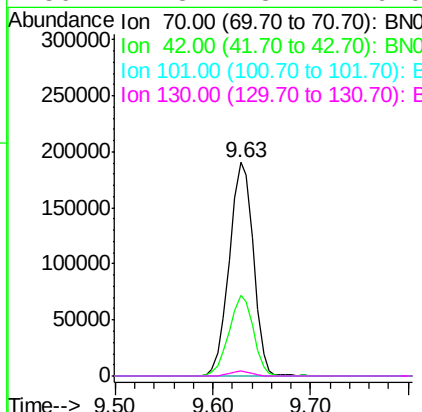
Ion Ratio Lower Upper

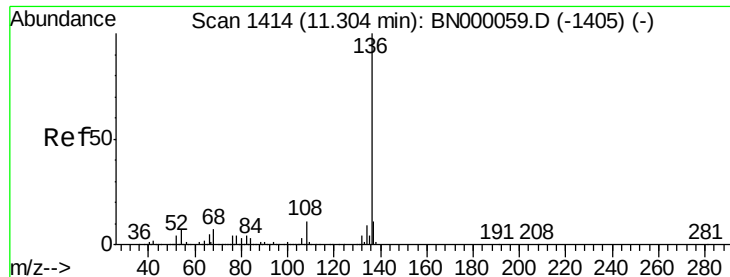
70 100

42 37.7 49.1 73.7#

101 0.0 8.5 12.7#

130 2.3 13.4 20.0#

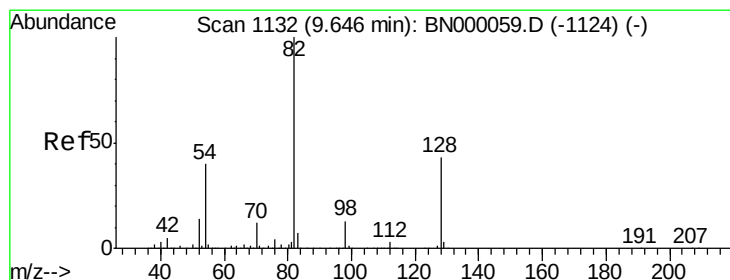
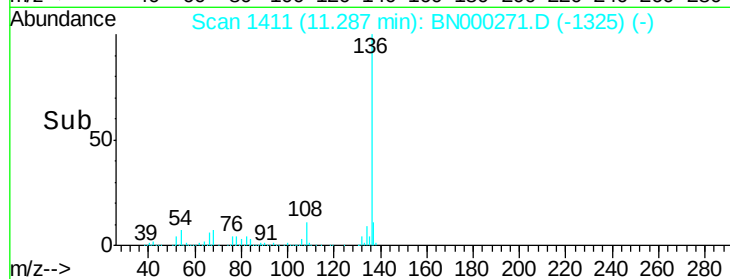
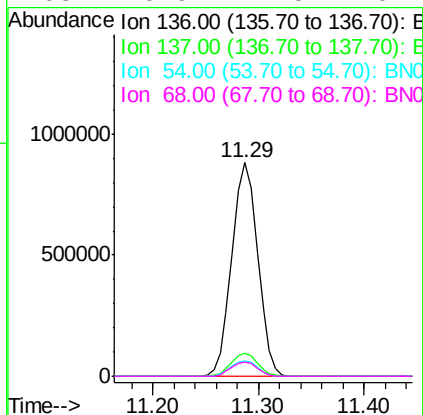
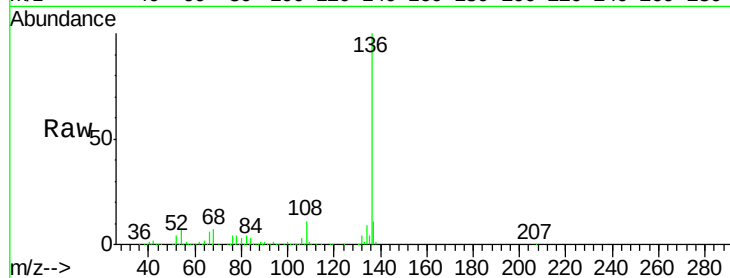




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.29 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BN000271.D
Acq: 06 Mar 2018 19:26

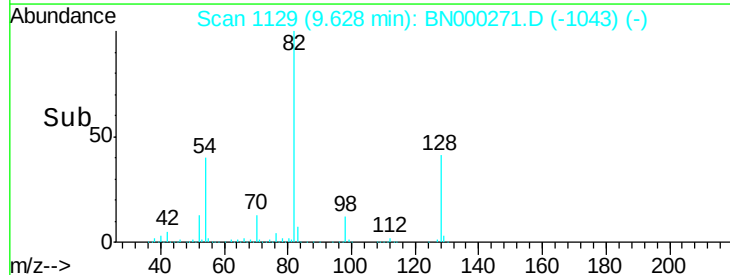
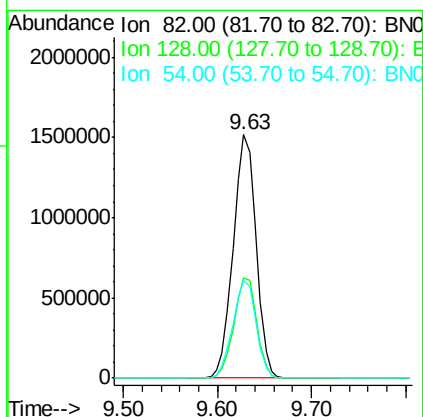
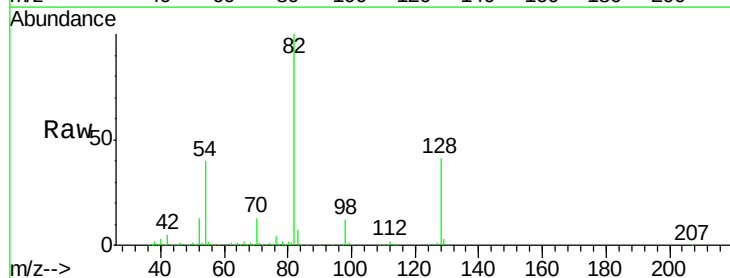
Instrument :
BNA_N
ClientSampleId :

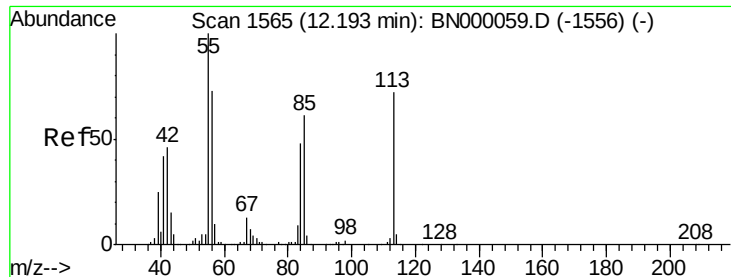
Tot Ion:136 Resp: 1496948
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 7.3 10.3 15.5#
68 6.9 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 101.906 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BN000271.D
Acq: 06 Mar 2018 19:26

Tgt Ion: 82 Resp: 2565739
Ion Ratio Lower Upper
82 100
128 41.2 29.7 44.5
54 40.2 43.1 64.7#

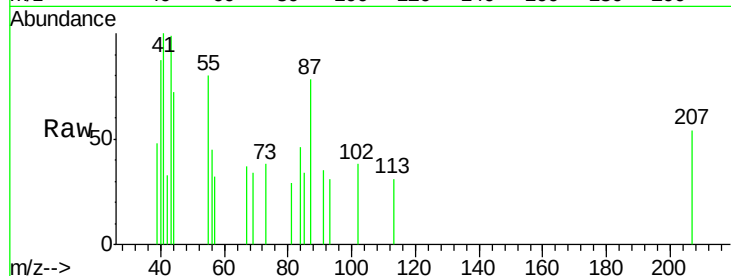




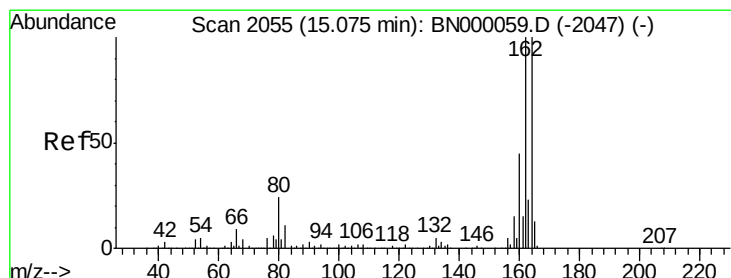
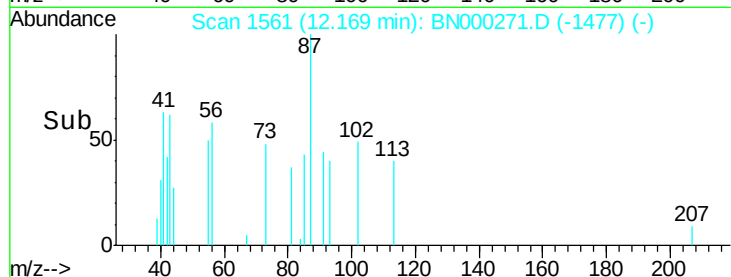
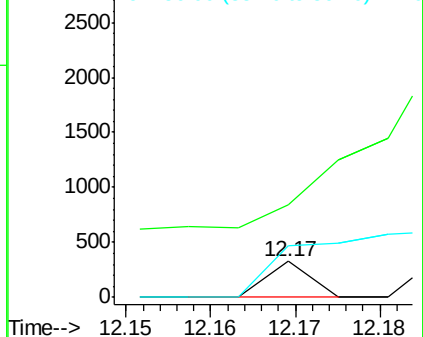
#35
Caprolactam
Concen: 4.030 ng
RT: 12.17 min Scan# 1561
Delta R.T. -0.03 min
Lab File: BN000271.D
Acq: 06 Mar 2018 19:26

Instrument :
BNA_N
ClientSampled :

Tot Ion:113 Resp: 115
Ion Ratio Lower Upper
113 100
55 257.7 120.0 160.0#
56 145.7 90.0 130.0#

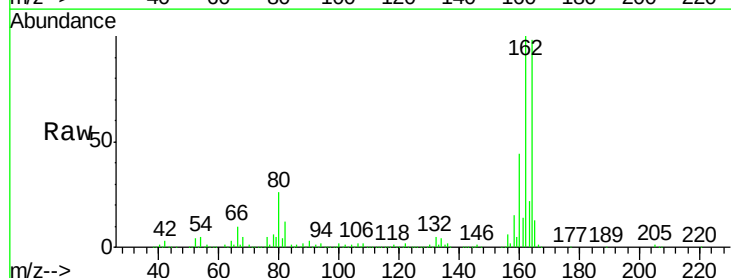


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BNC
Ion 56.00 (55.70 to 56.70): BNC

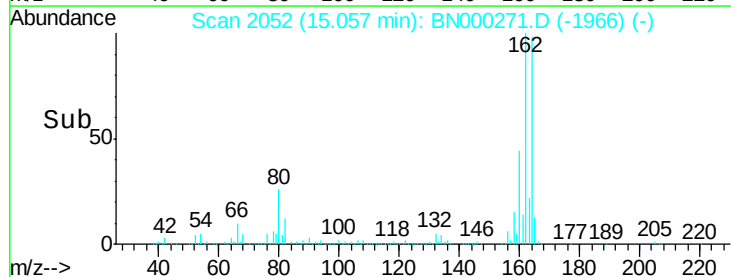
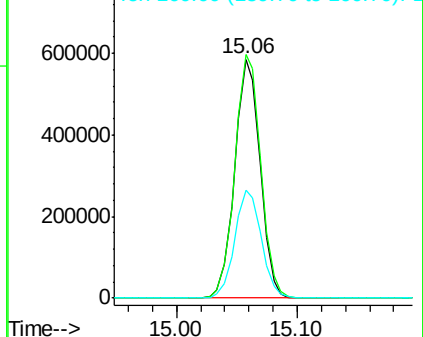


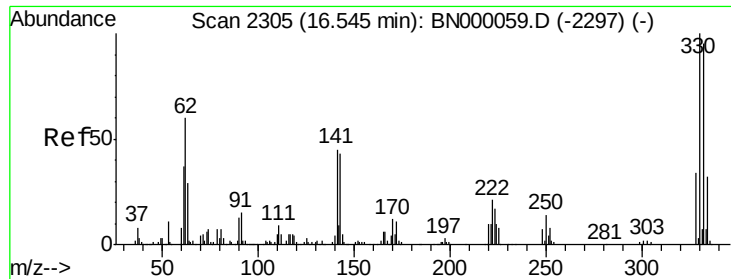
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.06 min Scan# 2052
Delta R.T. -0.02 min
Lab File: BN000271.D
Acq: 06 Mar 2018 19:26

Tgt Ion:164 Resp: 857252
Ion Ratio Lower Upper
164 100
162 101.9 78.8 118.2
160 45.0 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

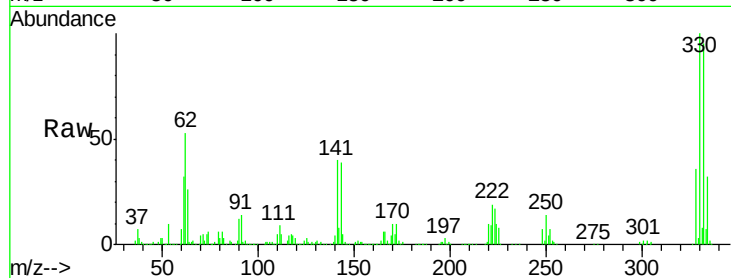




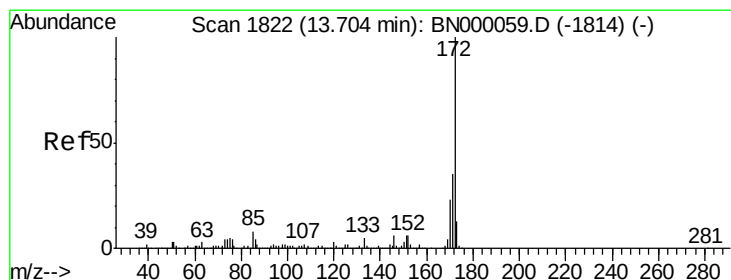
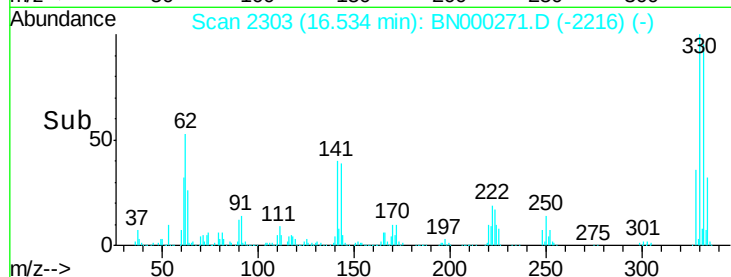
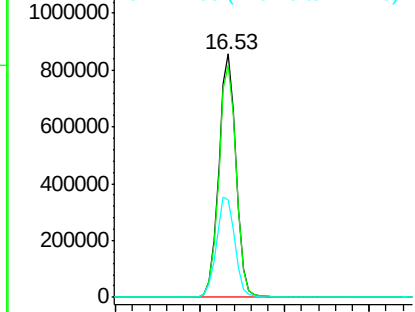
#41
 2,4,6-Tribromophenol
 Concen: 144.675 ng
 RT: 16.53 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: BN000271.D
 Acq: 06 Mar 2018 19:26

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:330 Resp: 1227643
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 44.8 25.2 37.8#

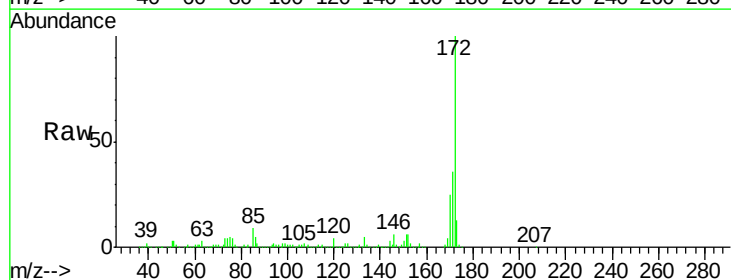


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

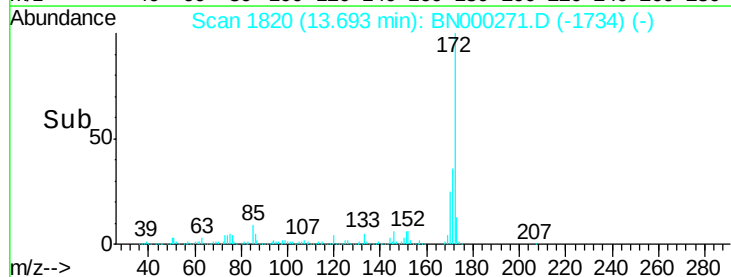
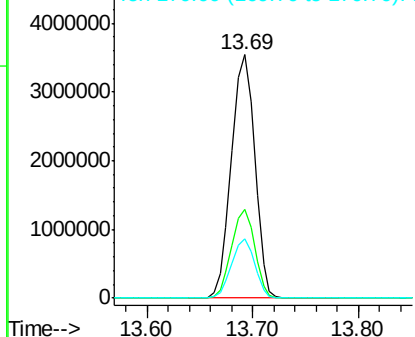


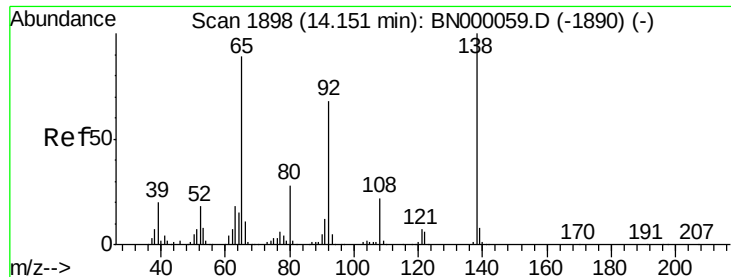
#44
 2-Fluorobiphenyl
 Concen: 89.248 ng
 RT: 13.69 min Scan# 1820
 Delta R.T. -0.02 min
 Lab File: BN000271.D
 Acq: 06 Mar 2018 19:26

Tgt Ion:172 Resp: 5428362
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.0 45.0
 170 24.6 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: 4.911 ng

RT: 13.93 min Scan# 1861

Delta R.T. -0.22 min

Lab File: BN000271.D

Acq: 06 Mar 2018 19:26

Instrument :

BNA_N

ClientSampleId :

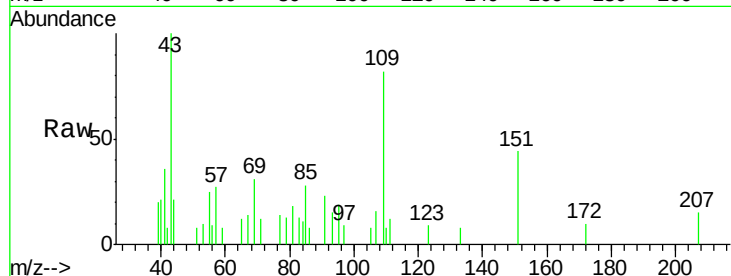
Tot Ion: 65 Resp: 604

Ion Ratio Lower Upper

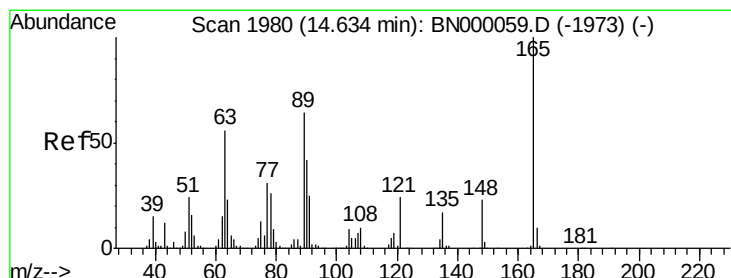
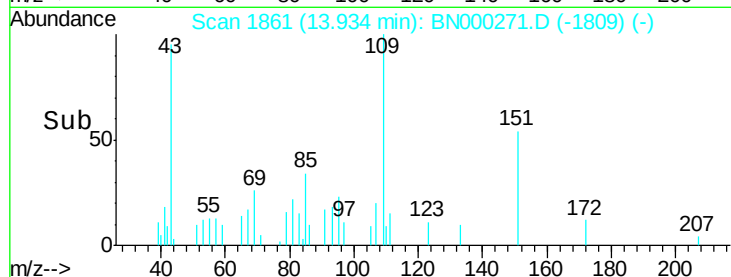
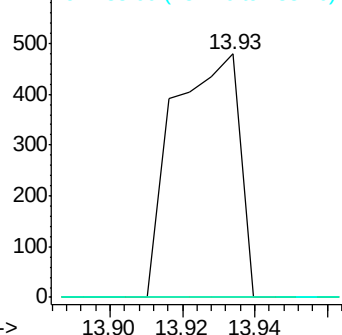
65 100

92 0.0 54.6 82.0#

138 0.0 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): BNC



#50

2,6-Dinitrotoluene

Concen: 7.583 ng

RT: 15.06 min Scan# 2052

Delta R.T. 0.41 min

Lab File: BN000271.D

Acq: 06 Mar 2018 19:26

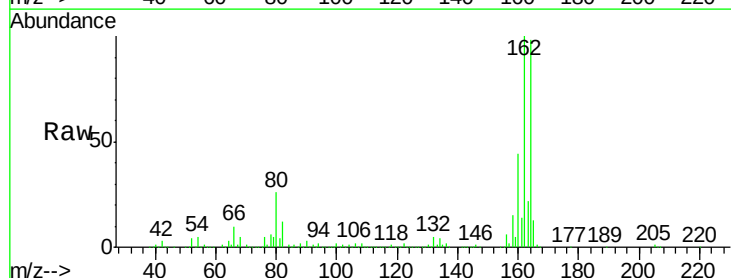
Tgt Ion: 165 Resp: 112175

Ion Ratio Lower Upper

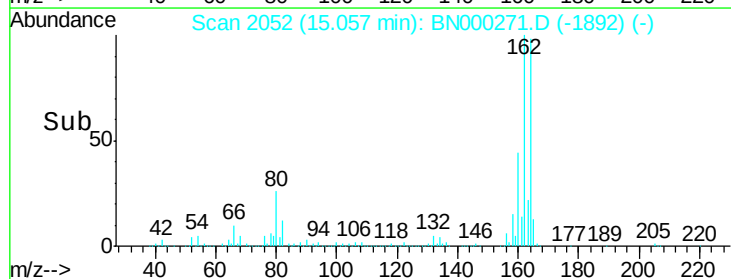
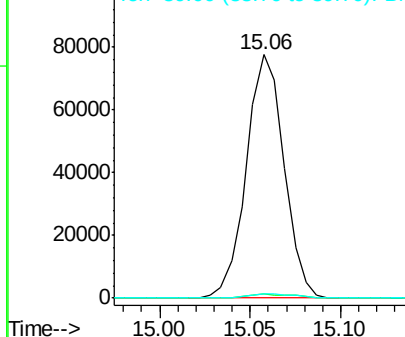
165 100

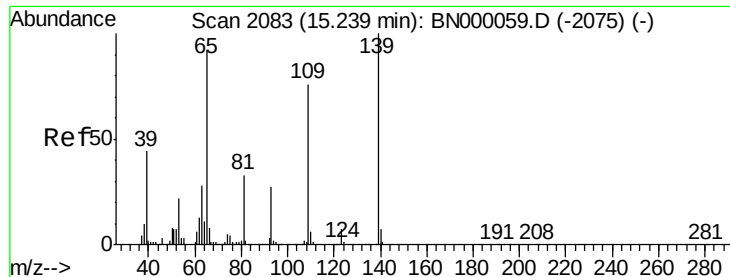
63 1.6 52.7 79.1#

89 1.8 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): BNC
Ion 63.00 (62.70 to 63.70): BNC
Ion 89.00 (88.70 to 89.70): BNC

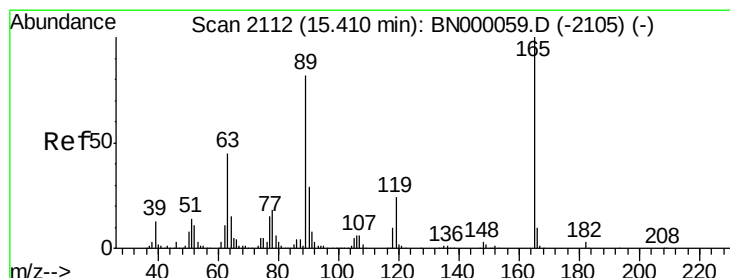
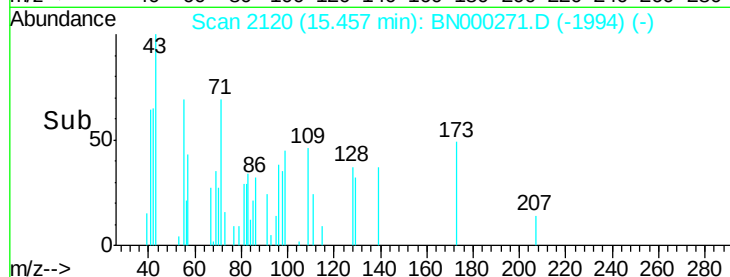
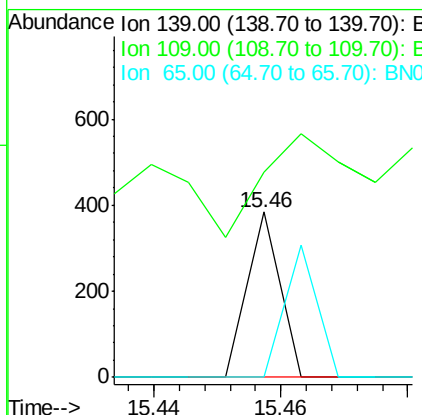
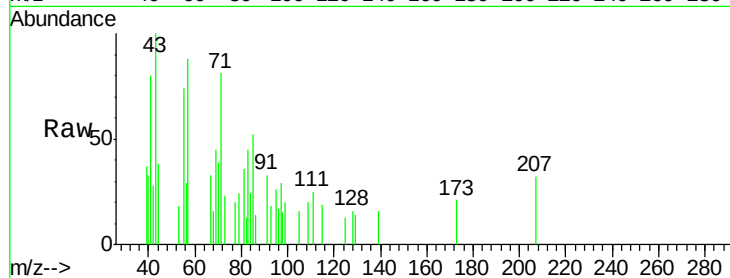




#55
4-Nitrophenol
Concen: 4.985 ng
RT: 15.46 min Scan# 2120
Delta R.T. 0.21 min
Lab File: BN000271.D
Acq: 06 Mar 2018 19:26

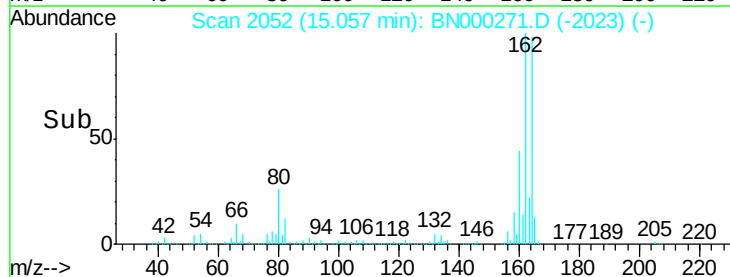
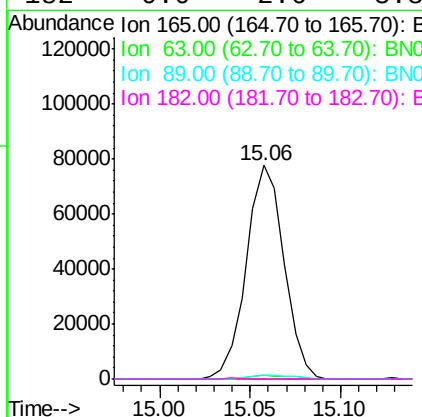
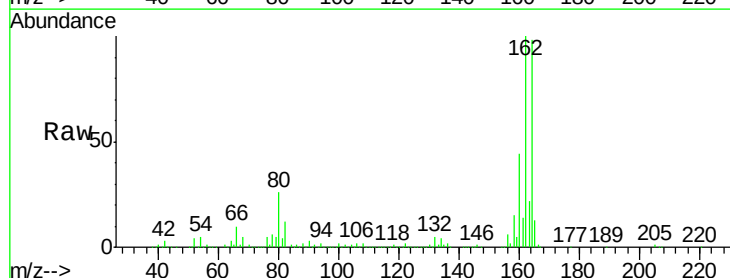
Instrument :
BNA_N
ClientSampleId :

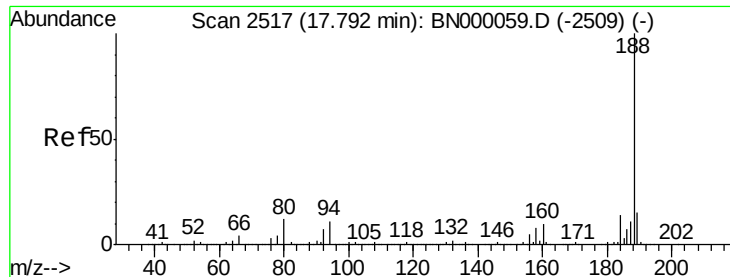
Tot Ion:139 Resp: 136
Ion Ratio Lower Upper
139 100
109 124.5 62.2 102.2#
65 0.0 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 9.018 ng
RT: 15.06 min Scan# 2052
Delta R.T. -0.36 min
Lab File: BN000271.D
Acq: 06 Mar 2018 19:26

Tgt Ion:165 Resp: 112175
Ion Ratio Lower Upper
165 100
63 1.6 42.0 63.0#
89 1.8 66.9 100.3#
182 0.0 2.6 3.8#

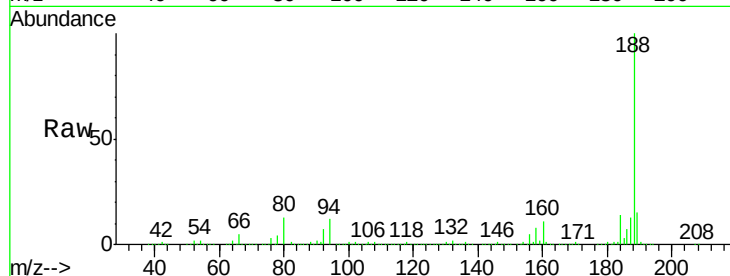




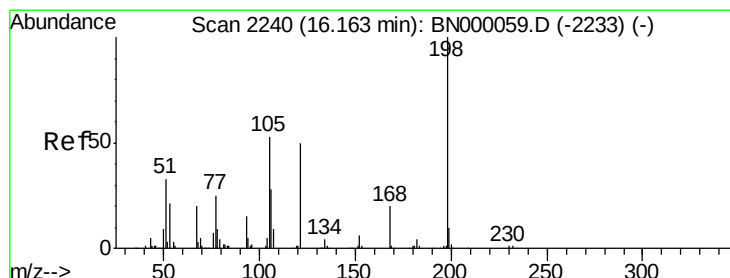
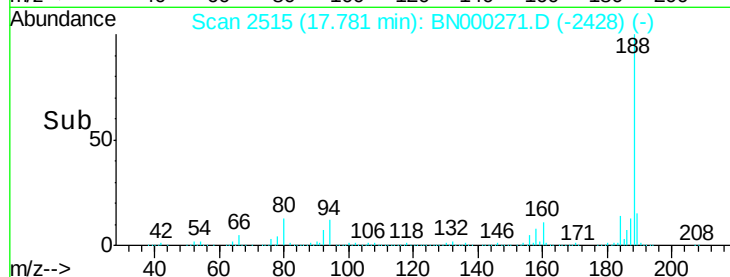
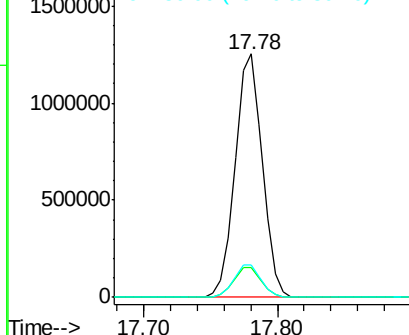
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.78 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BN000271.D
Acq: 06 Mar 2018 19:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion:188 Resp: 1772082
Ion Ratio Lower Upper
188 100
94 12.5 6.9 10.3#
80 13.2 7.7 11.5#

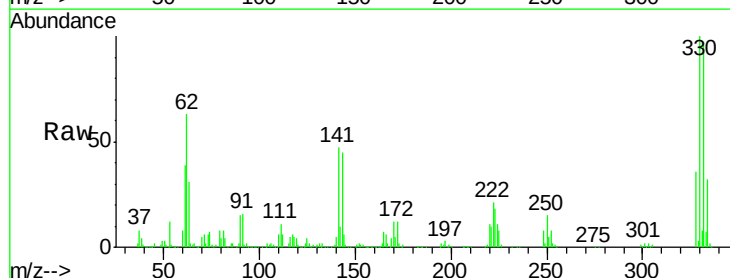


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

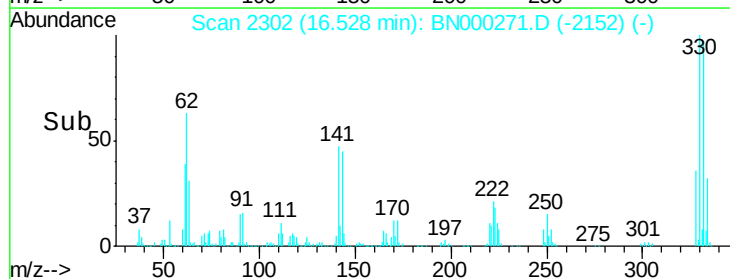
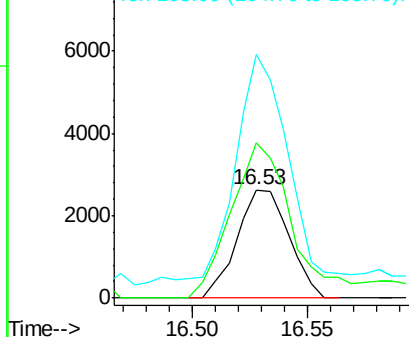


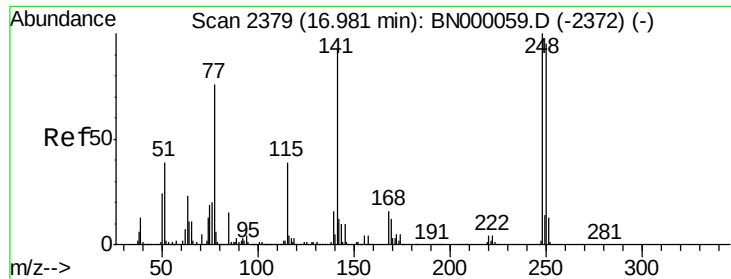
#64
4,6-Dinitro-2-methylphenol
Concen: 9.109 ng
RT: 16.53 min Scan# 2302
Delta R.T. 0.35 min
Lab File: BN000271.D
Acq: 06 Mar 2018 19:26

Tgt Ion:198 Resp: 4116
Ion Ratio Lower Upper
198 100
51 143.8 30.6 70.6#
105 224.8 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

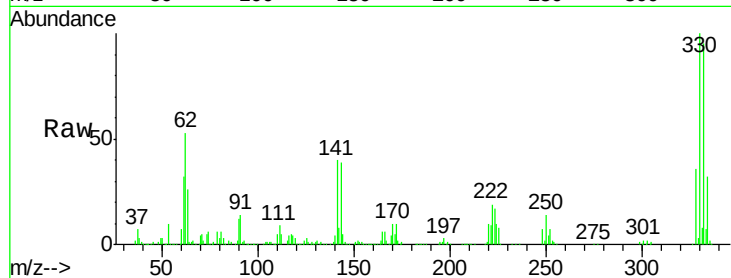




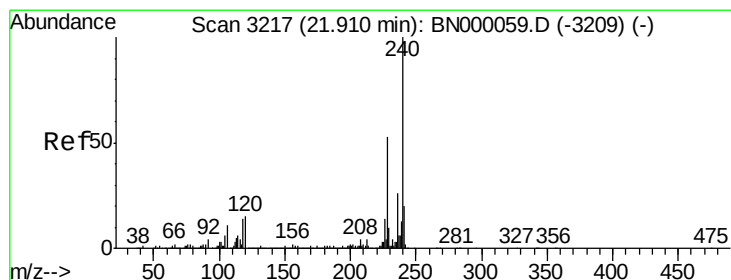
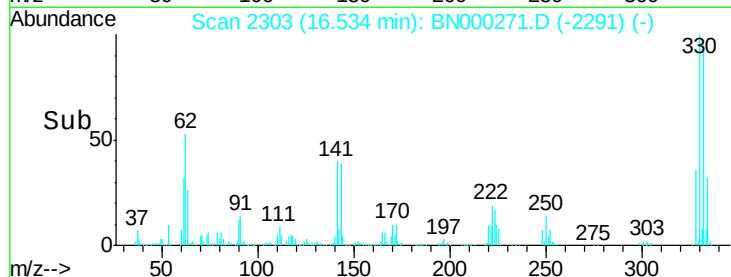
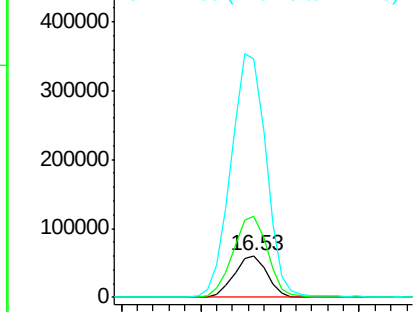
#66
4-Bromophenyl-phenylether
Concen: 5.173 ng
RT: 16.53 min Scan# 2303
Delta R.T. -0.46 min
Lab File: BN000271.D
Acq: 06 Mar 2018 19:26

Instrument :
BNA_N
ClientSampled :

Tot Ion:248 Resp: 87179
Ion Ratio Lower Upper
248 100
250 195.6 77.1 115.7#
141 570.7 50.8 76.2#

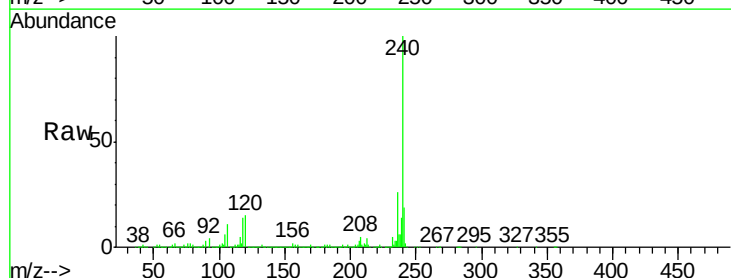


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

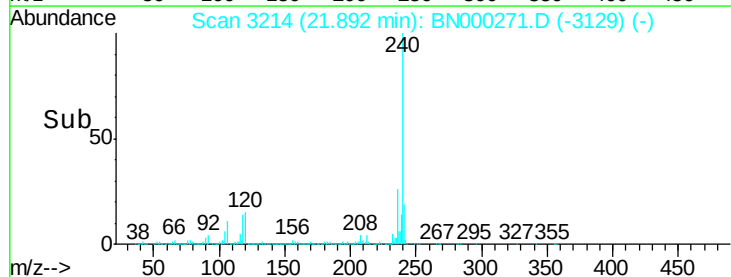
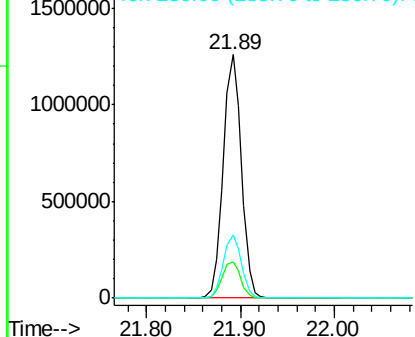


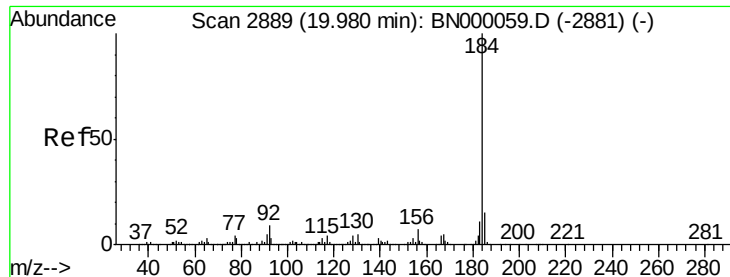
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.89 min Scan# 3214
Delta R.T. -0.03 min
Lab File: BN000271.D
Acq: 06 Mar 2018 19:26

Tgt Ion:240 Resp: 1696772
Ion Ratio Lower Upper
240 100
120 15.0 6.8 10.2#
236 26.0 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

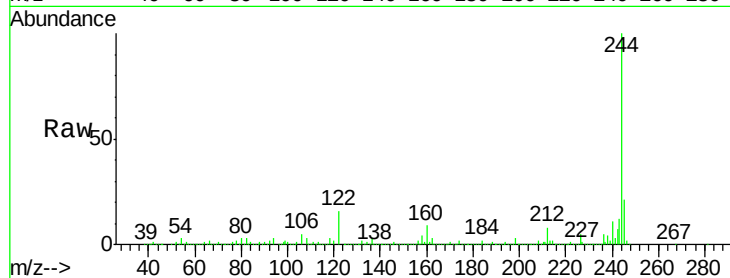




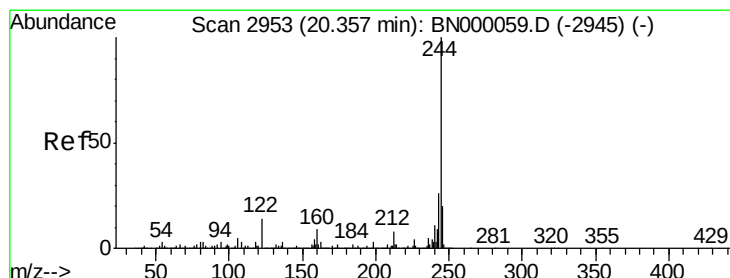
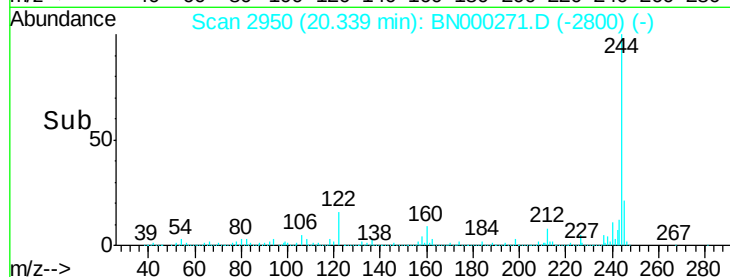
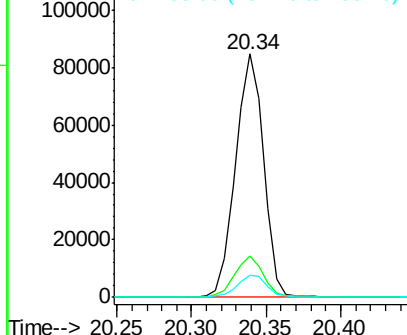
#76
Benzidine
Concen: 2.058 ng
RT: 20.34 min Scan# 2950
Delta R.T. 0.35 min
Lab File: BN000271.D
Acq: 06 Mar 2018 19:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion:184 Resp: 111334
Ion Ratio Lower Upper
184 100
185 17.1 11.1 16.7#
183 9.2 10.6 16.0#

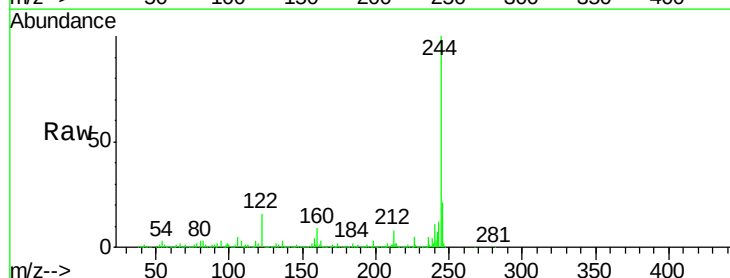


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

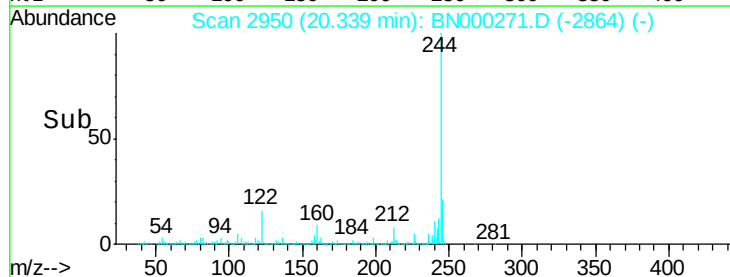
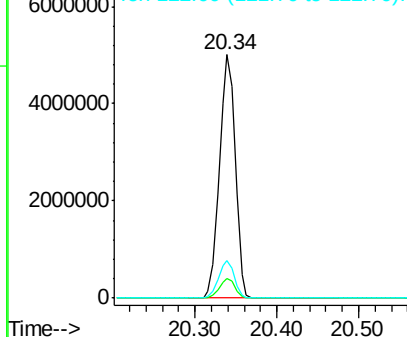


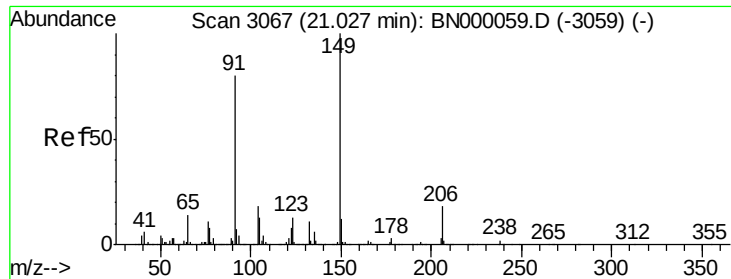
#78
Terphenyl-d14
Concen: 107.752 ng
RT: 20.34 min Scan# 2950
Delta R.T. -0.02 min
Lab File: BN000271.D
Acq: 06 Mar 2018 19:26

Tgt Ion:244 Resp: 6771119
Ion Ratio Lower Upper
244 100
212 8.1 5.8 8.8
122 15.5 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

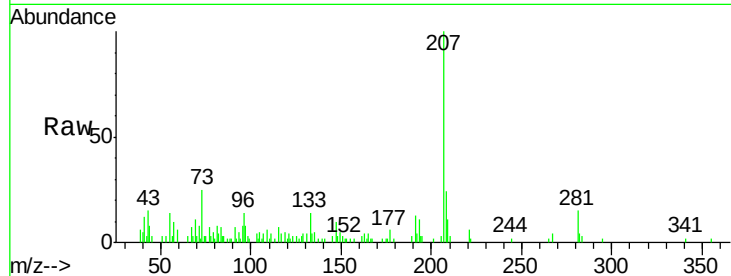




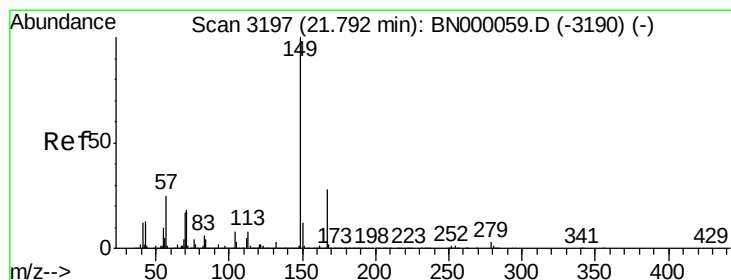
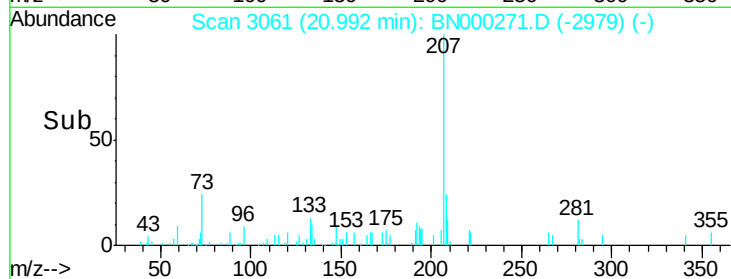
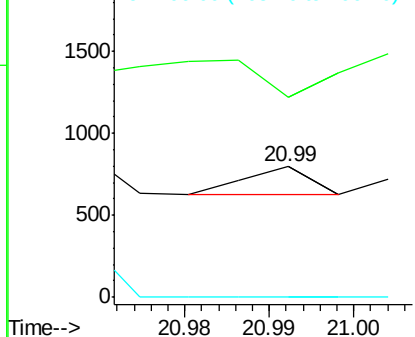
#79
 Butylbenzylphthalate
 Concen: 5.377 ng
 RT: 20.99 min Scan# 3061
 Delta R.T. -0.05 min
 Lab File: BN000271.D
 Acq: 06 Mar 2018 19:26

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	152.6	62.2	93.2#
206	0.0	18.6	27.8#

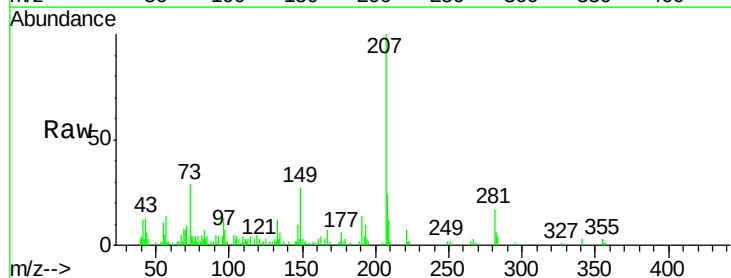


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BNO
 Ion 206.00 (205.70 to 206.70): E

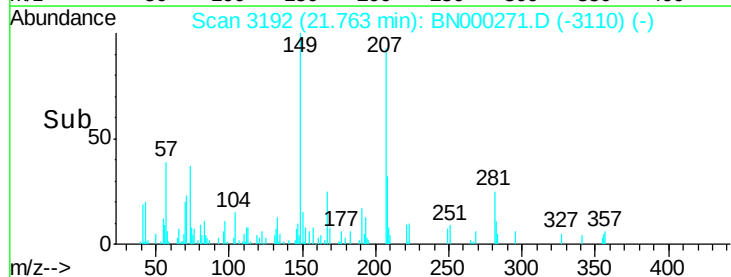
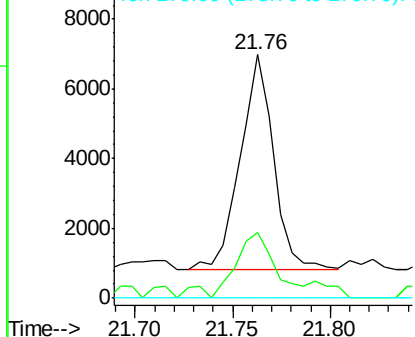


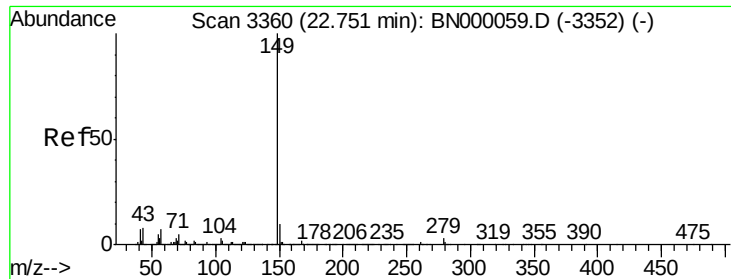
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.994 ng
 RT: 21.76 min Scan# 3192
 Delta R.T. -0.05 min
 Lab File: BN000271.D
 Acq: 06 Mar 2018 19:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	24.3	36.5
279	0.0	4.0	6.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

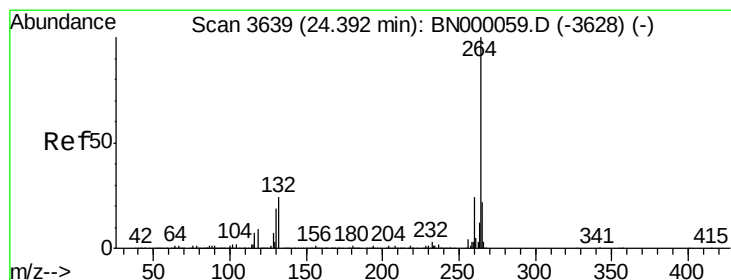
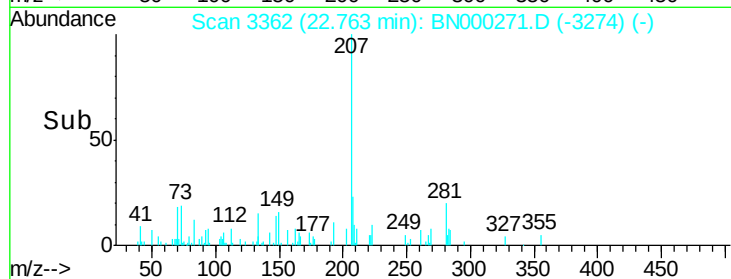
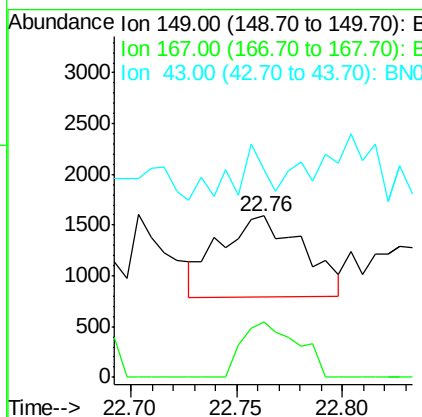
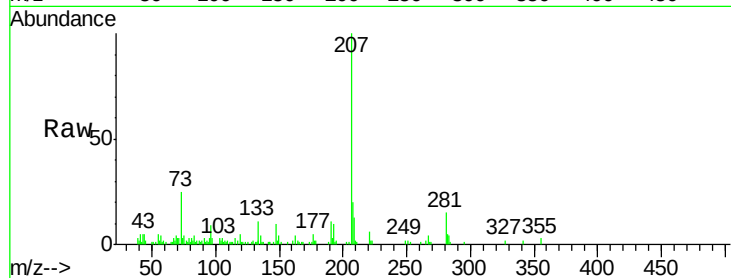




#84
Di-n-octyl phthalate
Concen: 6.744 ng
RT: 22.76 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BN000271.D
Acq: 06 Mar 2018 19:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion:149 Resp: 2180
Ion Ratio Lower Upper
149 100
167 45.9 1.4 2.0#
43 24.9 8.9 13.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.37 min Scan# 3635
Delta R.T. -0.05 min
Lab File: BN000271.D
Acq: 06 Mar 2018 19:26

Tgt Ion:264 Resp: 1635923
Ion Ratio Lower Upper
264 100
260 24.1 17.4 26.0
265 21.5 17.7 26.5

