

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
 Data File : BN000120.D
 Acq On : 19 Feb 2018 21:04
 Operator : JU/SJ
 Sample : J1573-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 20 03:12:16 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

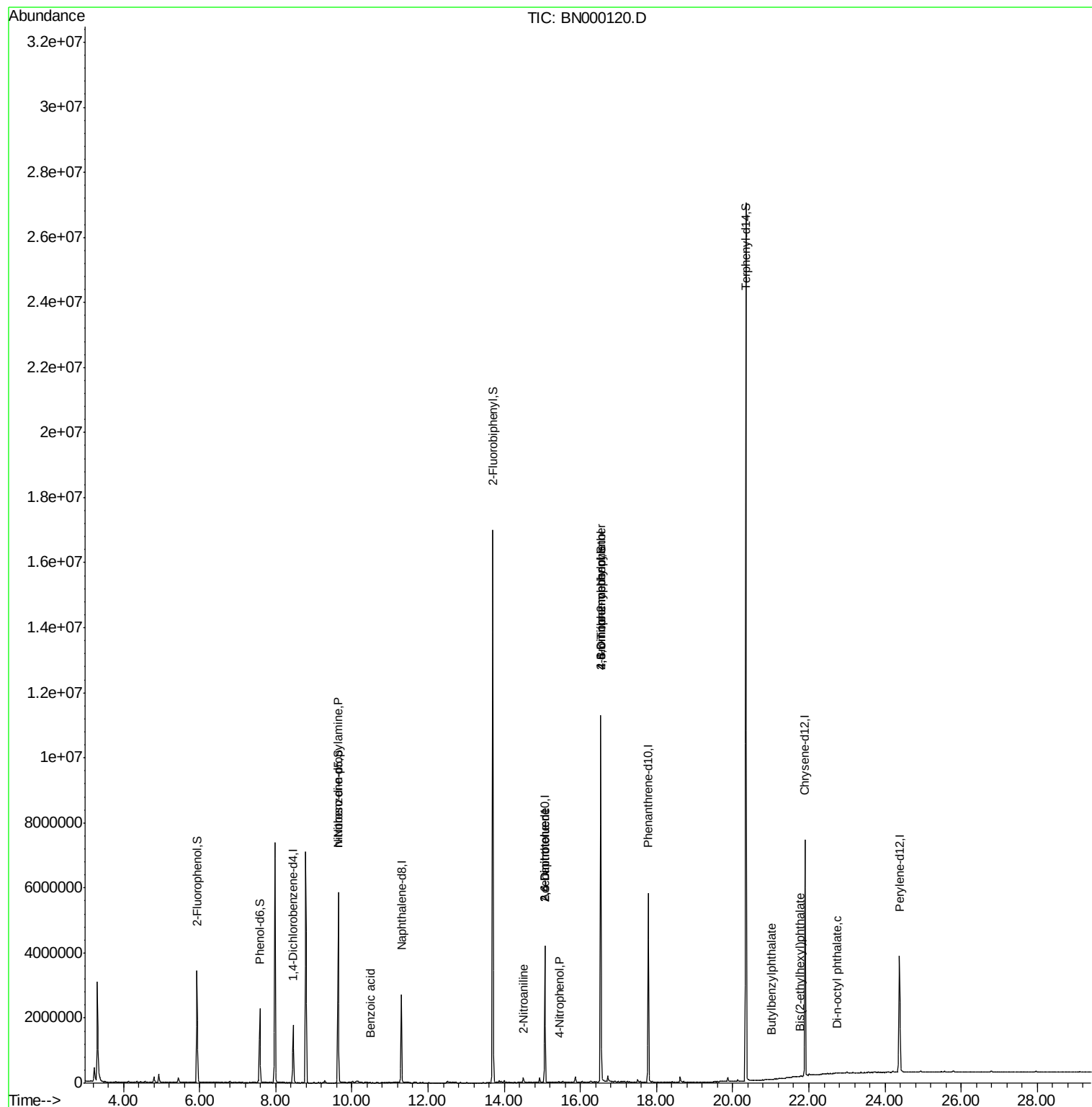
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	471824	20.00	ng	-0.01
21) Naphthalene-d8	11.30	136	2289711	20.00	ng	-0.01
38) Acenaphthene-d10	15.07	164	1310327	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	3027658	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	3062930	20.00	ng	-0.02
86) Perylene-d12	24.37	264	2080280	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	1713824	59.20	ng	-0.01
7) Phenol-d6	7.58	99	1407934	32.11	ng	-0.01
23) Nitrobenzene-d5	9.64	82	3658659	95.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	1802407	138.96	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	8317924	89.47	ng	-0.02
78) Terphenyl-d14	20.35	244	11136685	98.18	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.64	70	464979	15.82	ng	# 69
32) Benzoic acid	10.50	122	116	10.55	ng	# 1
47) 2-Nitroaniline	14.49	65	1227	4.92	ng	# 1
50) 2,6-Dinitrotoluene	15.07	165	170265	7.53	ng	# 21
55) 4-Nitrophenol	15.46	139	131	4.98	ng	# 1
56) 2,4-Dinitrotoluene	15.07	165	170265	8.98	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.53	198	6522	9.08	ng	# 1
66) 4-Bromophenyl-phenylether	16.54	248	130527	4.53	ng	# 1
79) Butylbenzylphthalate	21.02	149	353	5.38	ng	# 76
83) Bis(2-ethylhexyl)phthalate	21.77	149	4888	2.94	ng	# 91
84) Di-n-octyl phthalate	22.74	149	982	6.73	ng	# 66

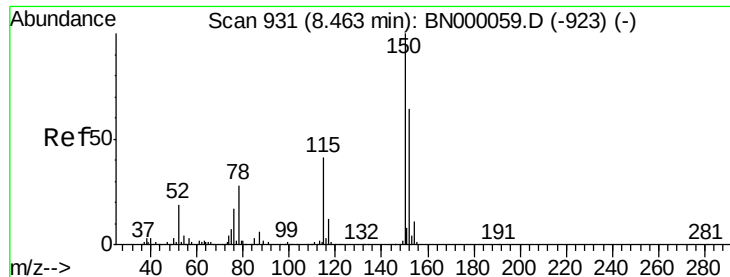
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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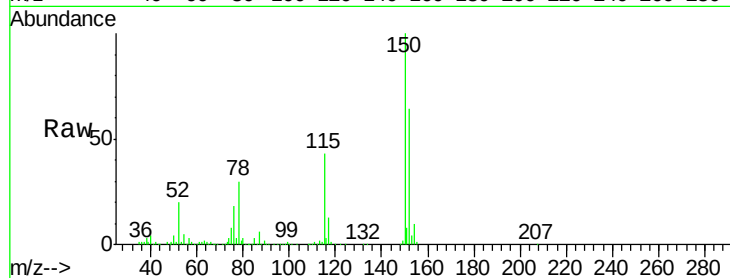


#1

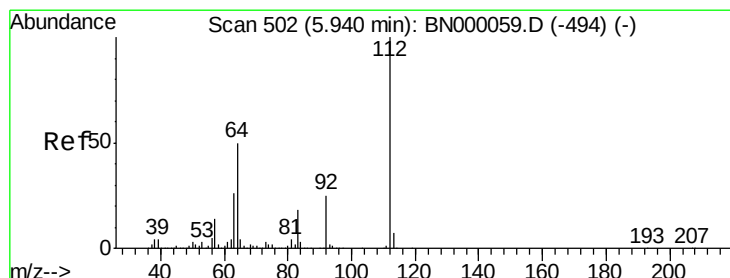
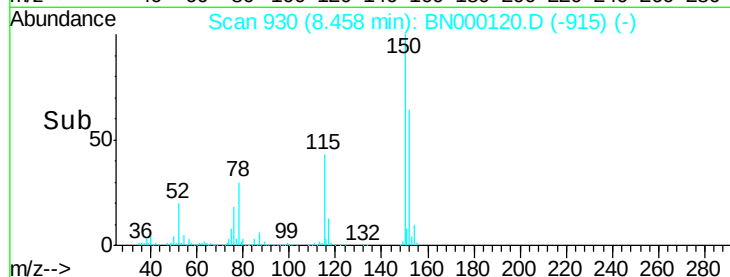
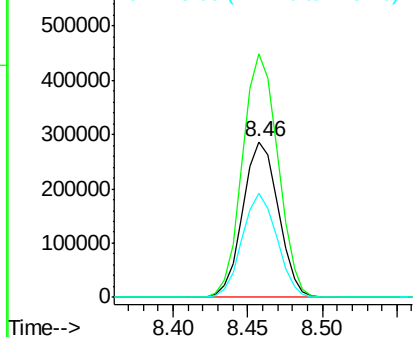
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.01 min
Lab File: BN000120.D
Acq: 19 Feb 2018 21:04

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.6	189.8
115	67.0	53.0	79.4



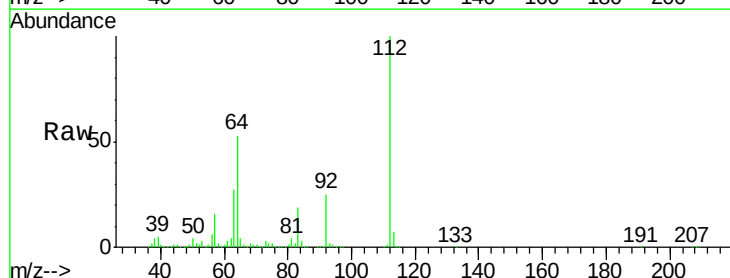
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



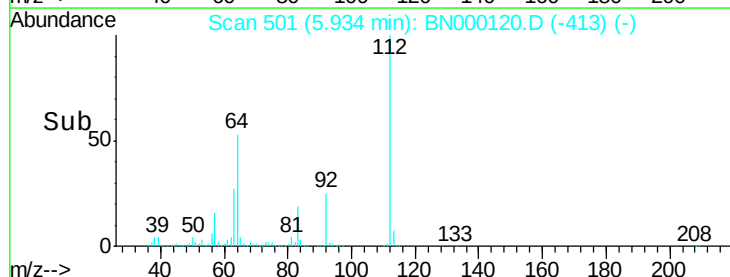
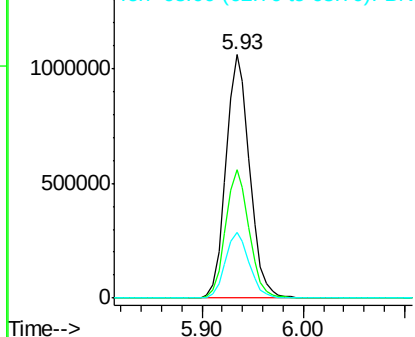
#5

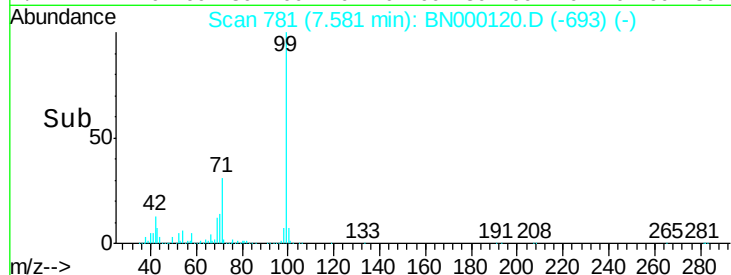
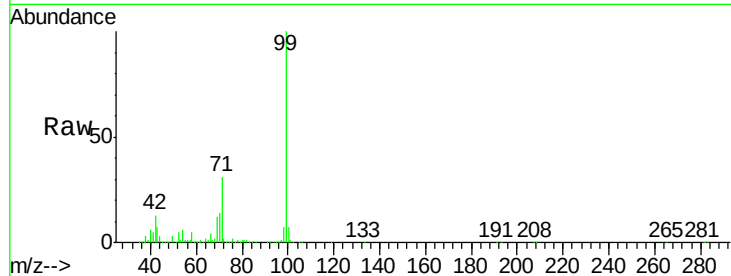
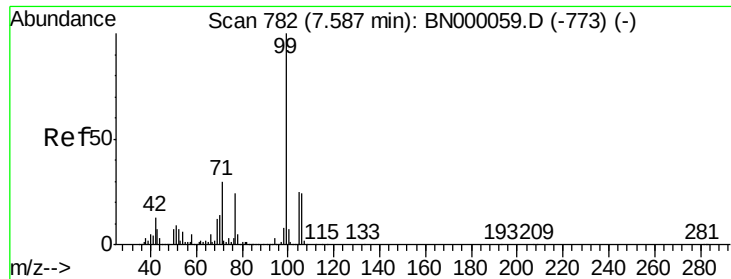
2-Fluorophenol
Concen: 59.20 ng
RT: 5.93 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN000120.D
Acq: 19 Feb 2018 21:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	56.3	84.5#
63	27.0	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: 32.11 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000120.D

Acq: 19 Feb 2018 21:04

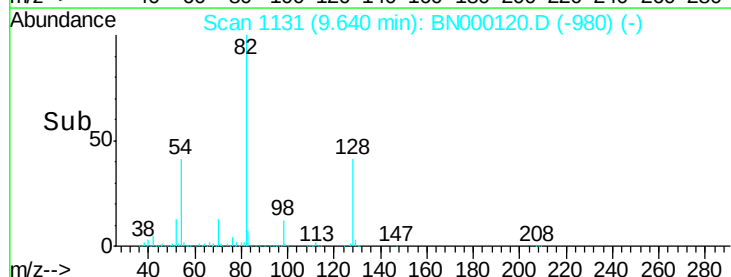
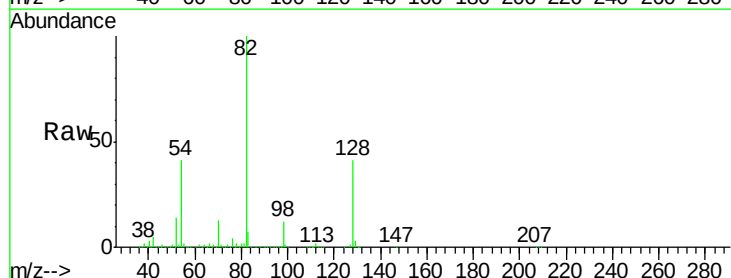
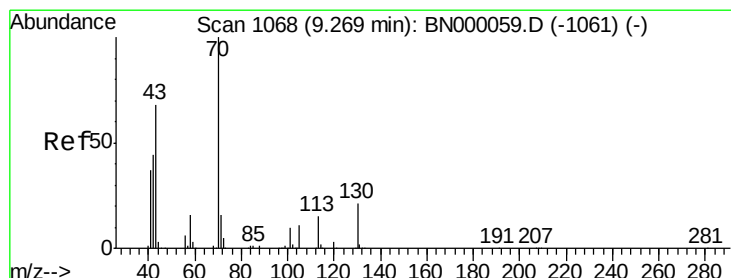
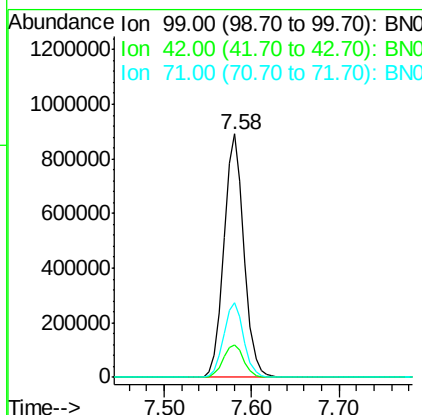
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 99 Resp: 1407934

Ion	Ratio	Lower	Upper
99	100		
42	13.4	14.1	21.1#
71	30.7	26.1	39.1



#19

n-Nitroso-di-n-propylamine

Concen: 15.82 ng

RT: 9.64 min Scan# 1131

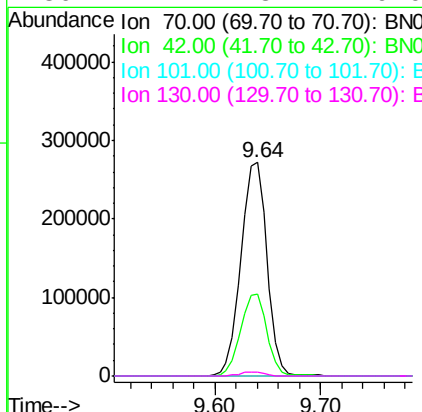
Delta R.T. 0.36 min

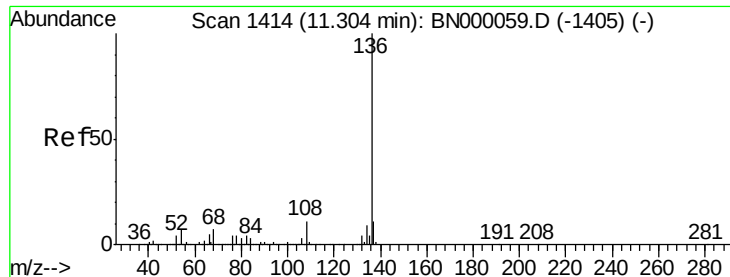
Lab File: BN000120.D

Acq: 19 Feb 2018 21:04

Tgt Ion: 70 Resp: 464979

Ion	Ratio	Lower	Upper
70	100		
42	38.5	49.1	73.7#
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#

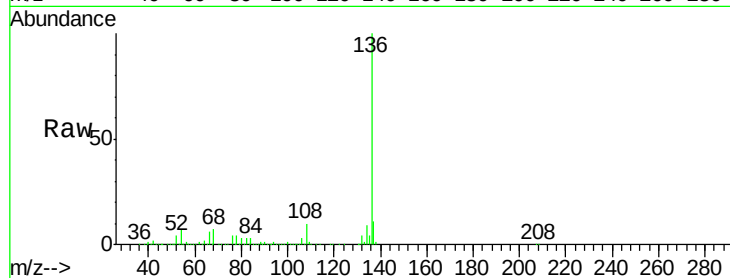




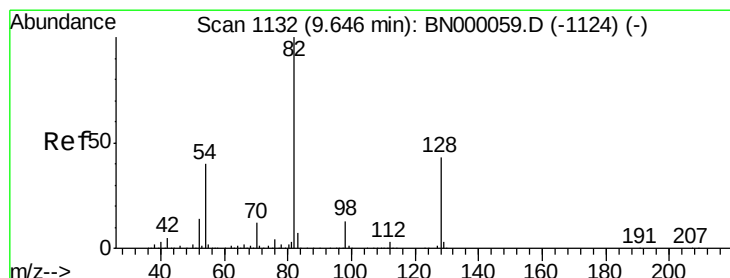
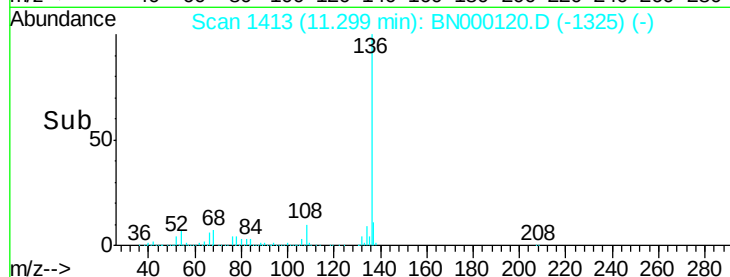
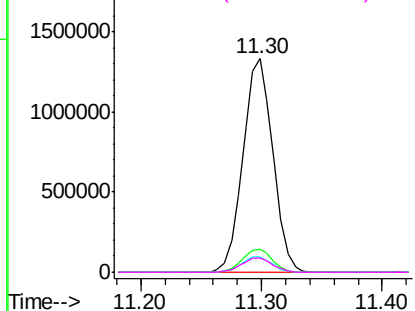
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.30 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BN000120.D
Acq: 19 Feb 2018 21:04

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136 Resp: 2289711
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.2 10.3 15.5#
68 6.7 4.5 6.7

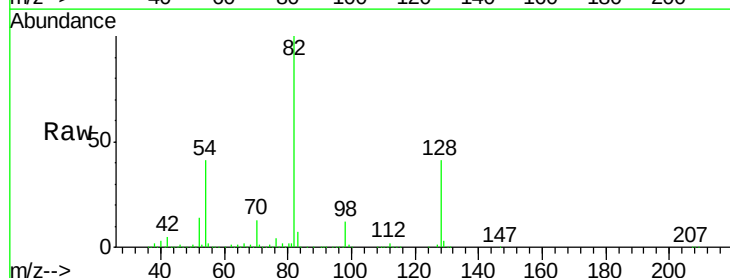


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

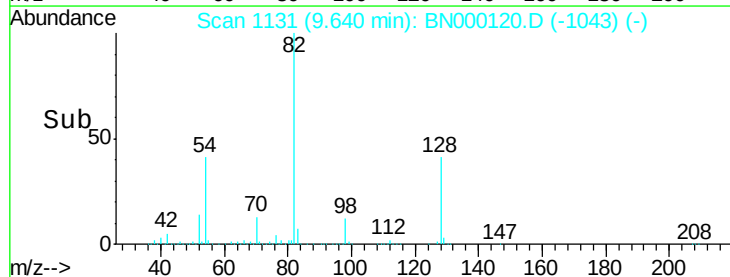
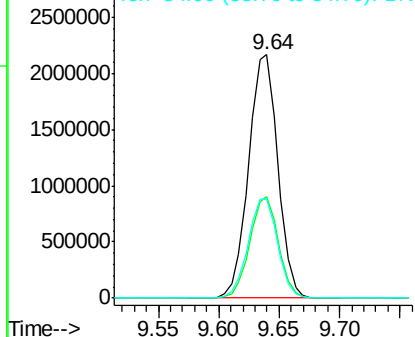


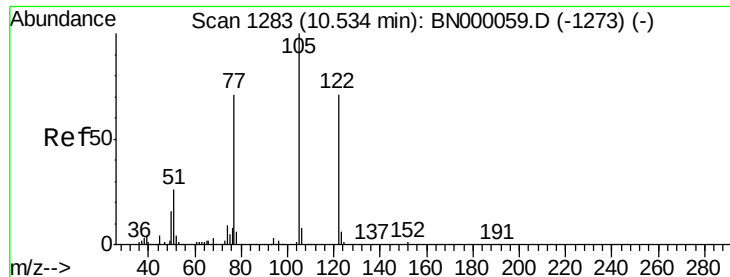
#23
Nitrobenzene-d5
Concen: 95.00 ng
RT: 9.64 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BN000120.D
Acq: 19 Feb 2018 21:04

Tgt Ion: 82 Resp: 3658659
Ion Ratio Lower Upper
82 100
128 41.5 29.7 44.5
54 40.5 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





#32

Benzoic acid

Concen: 10.55 ng

RT: 10.50 min Scan# 1277

Delta R.T. -0.06 min

Lab File: BN000120.D

Acq: 19 Feb 2018 21:04

Instrument :

BNA_N

ClientSampled :

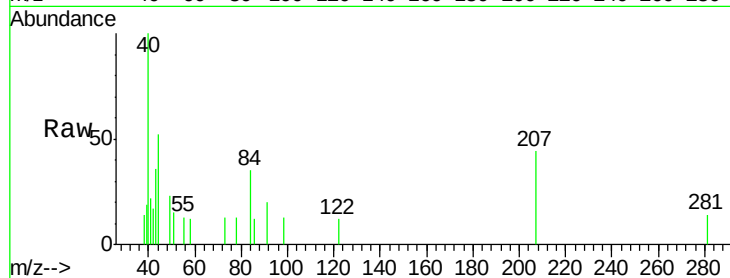
Tot Ion:122 Resp: 116

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

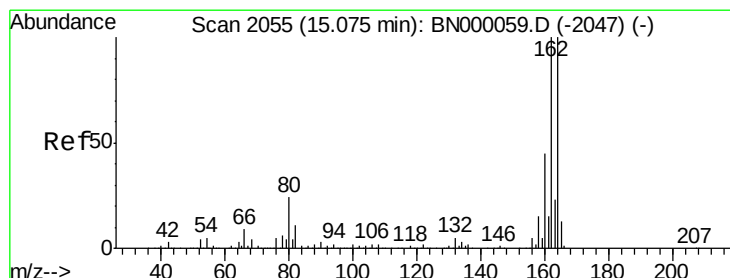
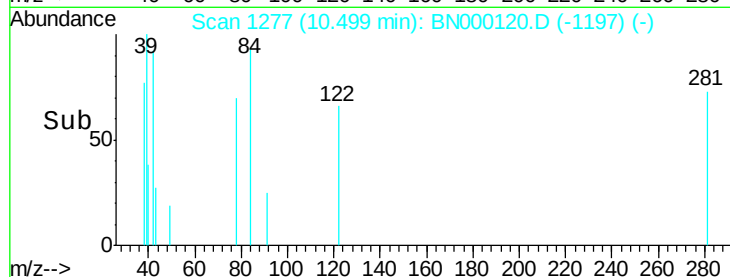
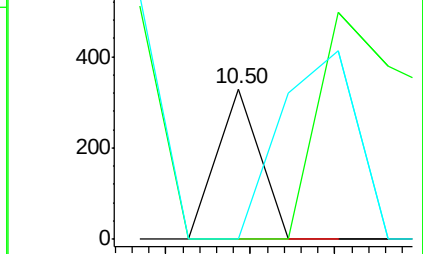
77 0.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.07 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BN000120.D

Acq: 19 Feb 2018 21:04

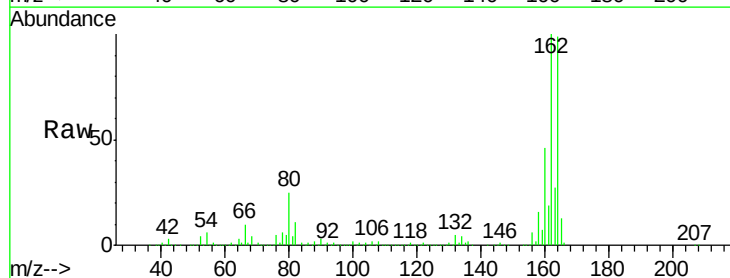
Tgt Ion:164 Resp: 1310327

Ion Ratio Lower Upper

164 100

162 101.5 78.8 118.2

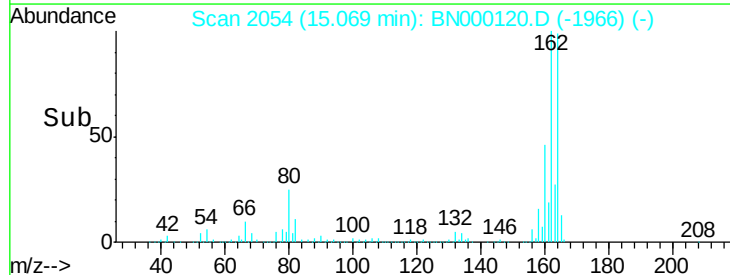
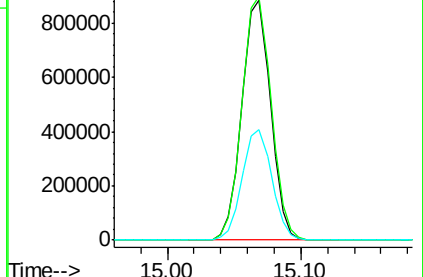
160 46.3 35.4 53.0

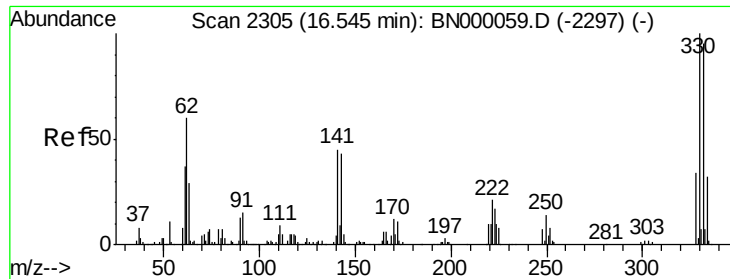


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

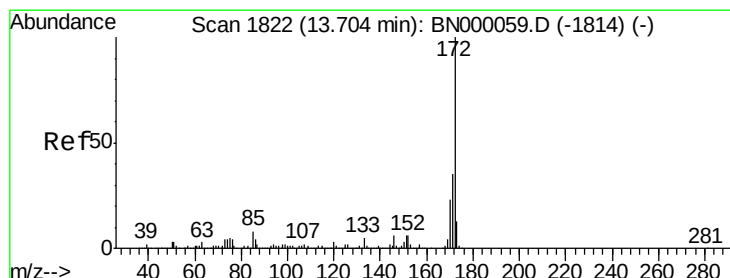
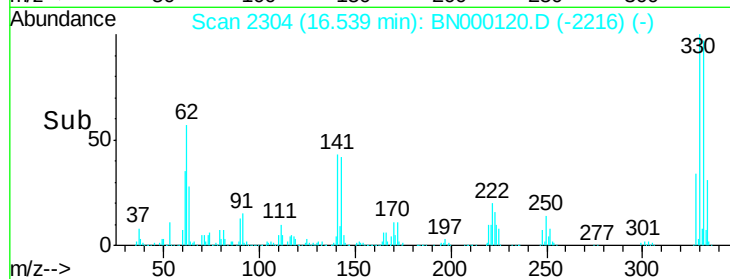
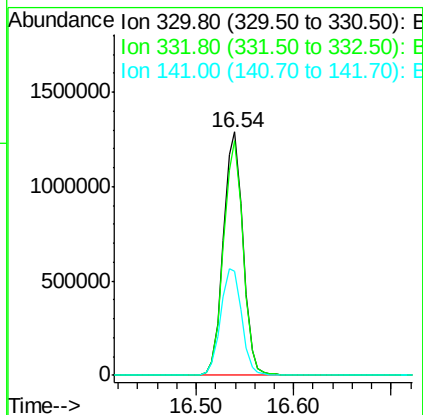
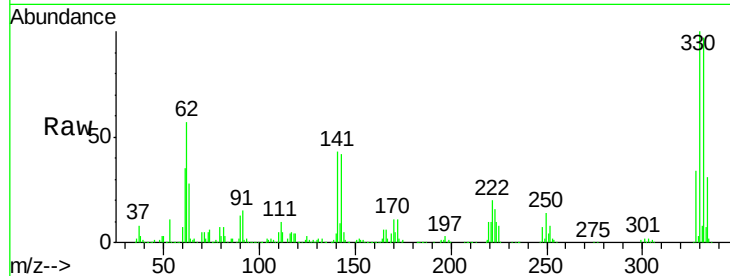




#41
 2,4,6-Tribromophenol
 Concen: 138.96 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BN000120.D
 Acq: 19 Feb 2018 21:04

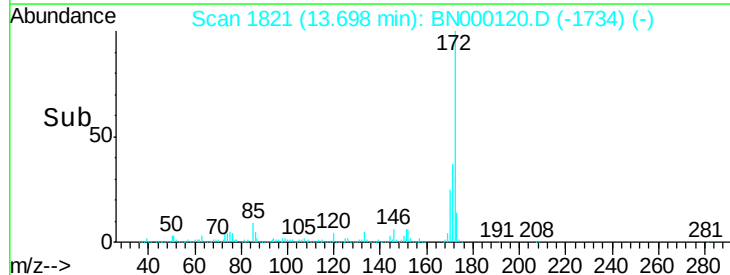
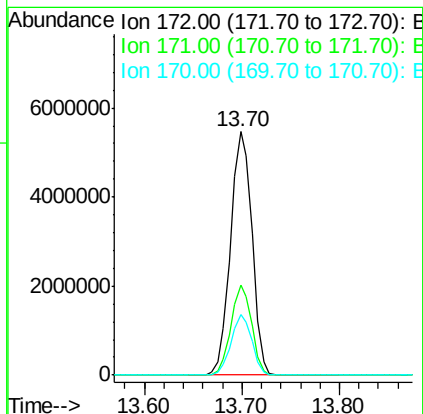
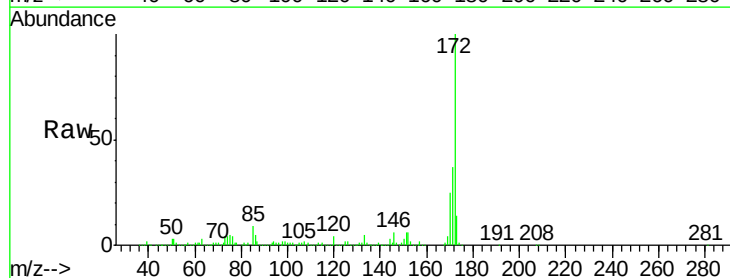
Instrument :
 BNA_N
 ClientSampleId :

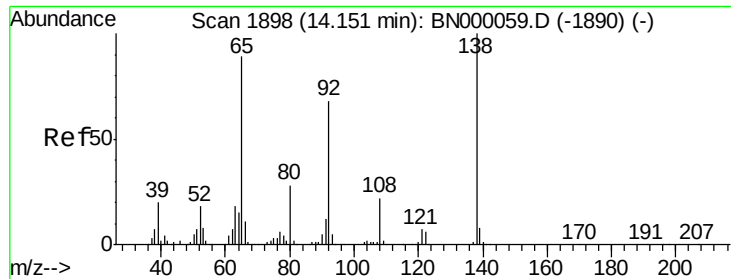
Tot Ion:330 Resp: 1802407
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 46.9 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 89.47 ng
 RT: 13.70 min Scan# 1821
 Delta R.T. -0.02 min
 Lab File: BN000120.D
 Acq: 19 Feb 2018 21:04

Tgt Ion:172 Resp: 8317924
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.0 45.0
 170 24.8 19.5 29.3





#47

2-Nitroaniline

Concen: 4.92 ng

RT: 14.49 min Scan# 1956

Delta R.T. 0.34 min

Lab File: BN000120.D

Acq: 19 Feb 2018 21:04

Instrument :

BNA_N

ClientSampleId :

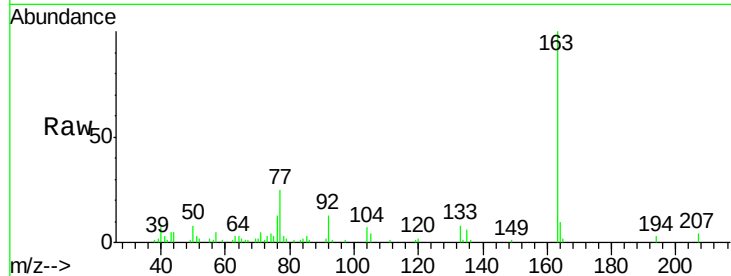
Tot Ion: 65 Resp: 1227

Ion Ratio Lower Upper

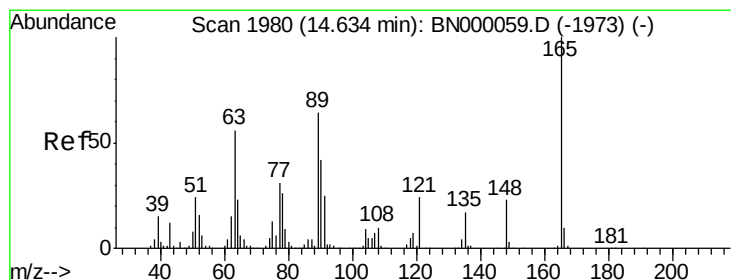
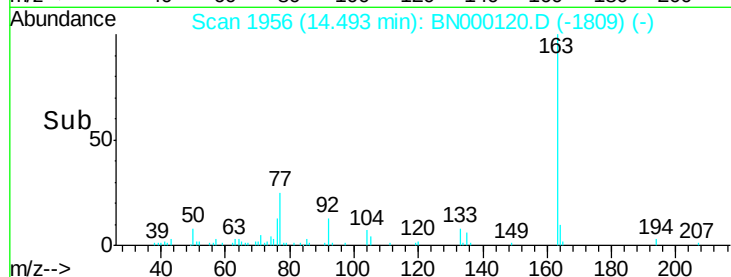
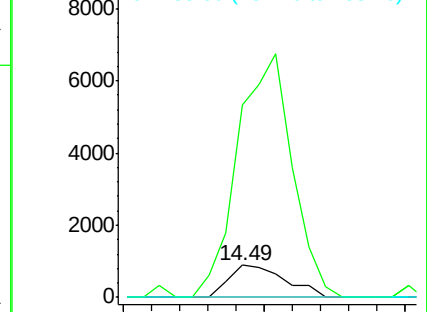
65 100

92 596.7 54.6 82.0#

138 0.0 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BN0
Ion 92.00 (91.70 to 92.70): BN0
Ion 138.00 (137.70 to 138.70): BN0



#50

2,6-Dinitrotoluene

Concen: 7.53 ng

RT: 15.07 min Scan# 2054

Delta R.T. 0.42 min

Lab File: BN000120.D

Acq: 19 Feb 2018 21:04

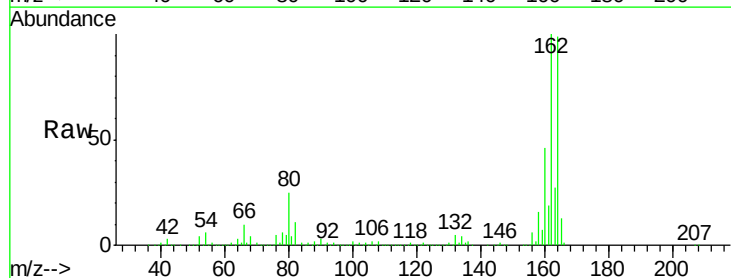
Tgt Ion:165 Resp: 170265

Ion Ratio Lower Upper

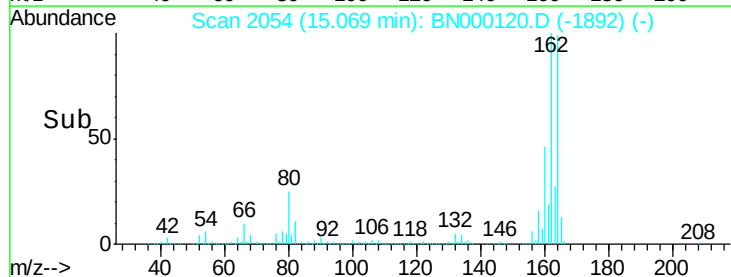
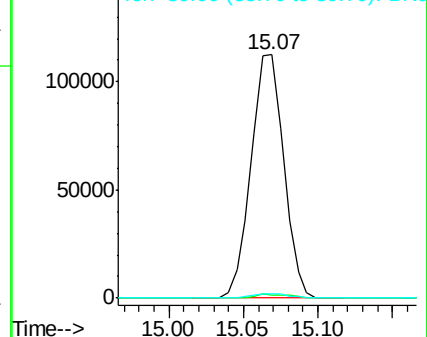
165 100

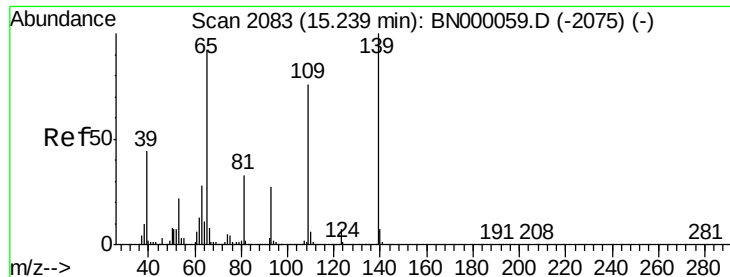
63 1.5 52.7 79.1#

89 2.0 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 89.00 (88.70 to 89.70): BN0

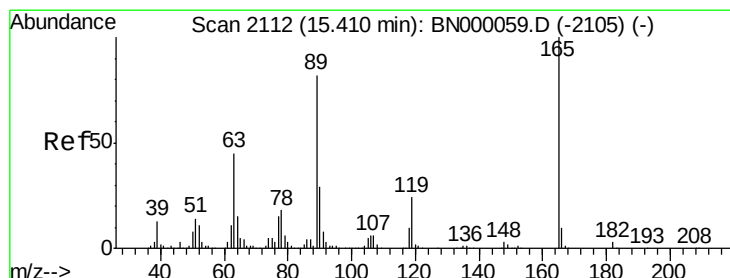
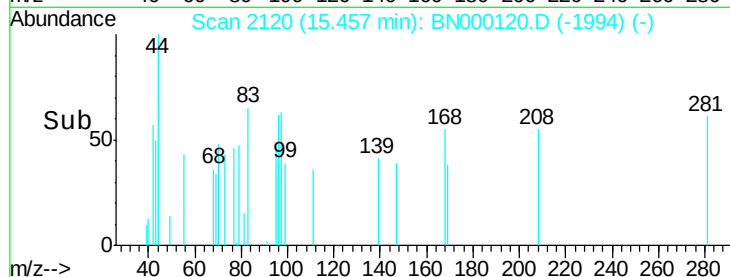
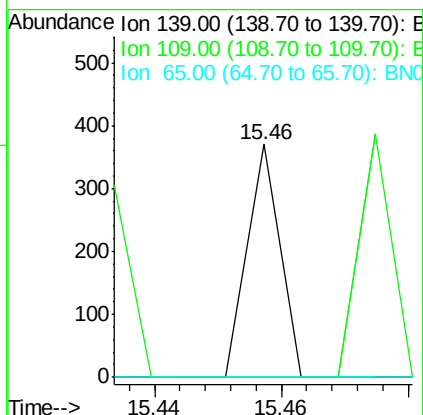
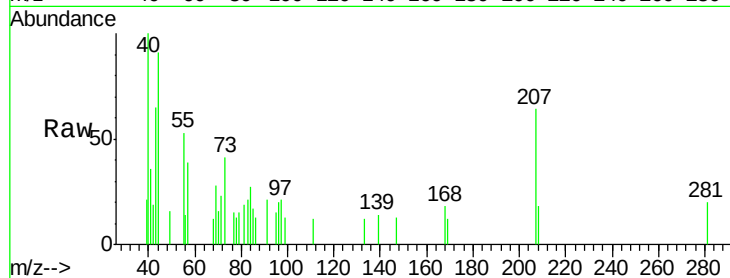




#55
4-Nitrophenol
Concen: 4.98 ng
RT: 15.46 min Scan# 2120
Delta R.T. 0.21 min
Lab File: BN000120.D
Acq: 19 Feb 2018 21:04

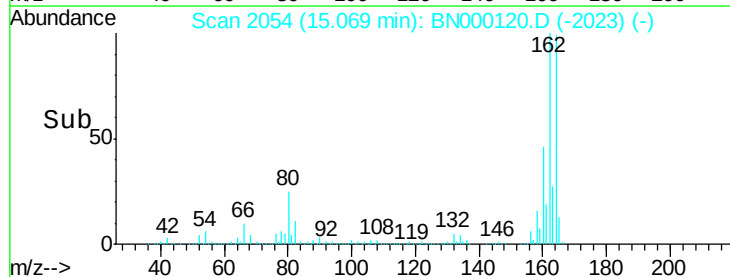
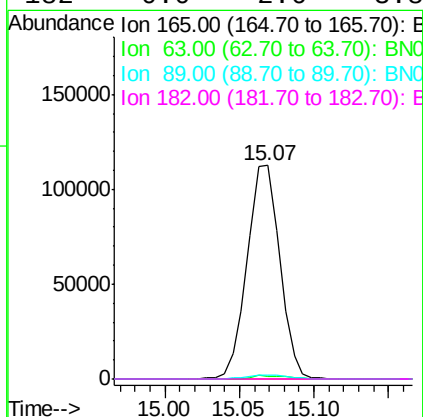
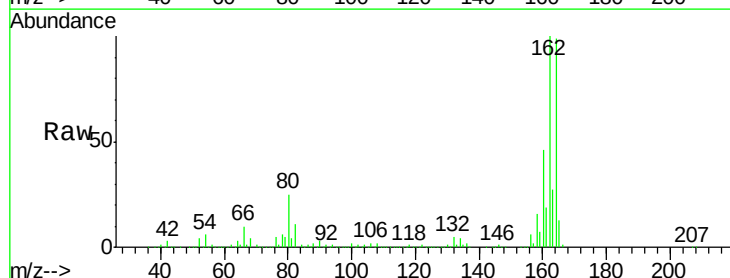
Instrument :
BNA_N
ClientSampled :

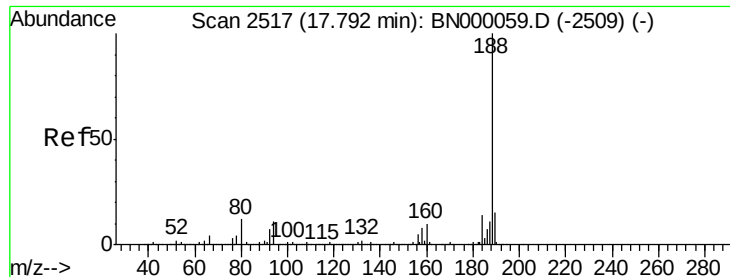
Tot Ion:139 Resp: 131
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 8.98 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.35 min
Lab File: BN000120.D
Acq: 19 Feb 2018 21:04

Tgt Ion:165 Resp: 170265
Ion Ratio Lower Upper
165 100
63 1.5 42.0 63.0#
89 2.0 66.9 100.3#
182 0.0 2.6 3.8#

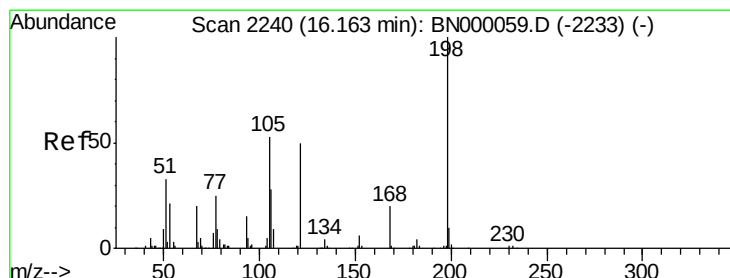
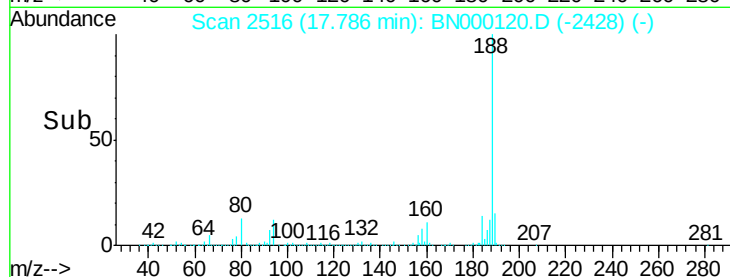
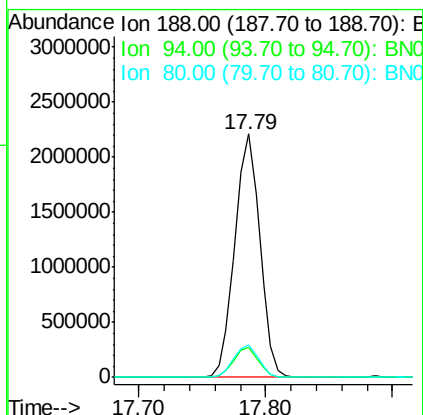
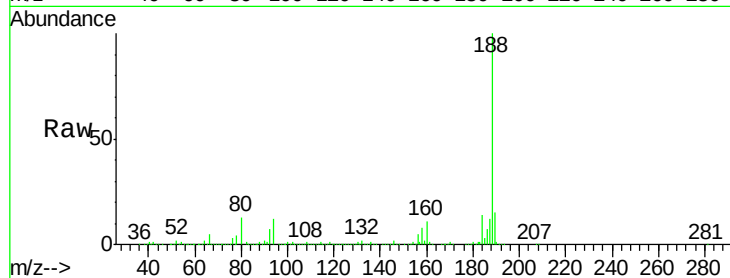




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.79 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BN000120.D
Acq: 19 Feb 2018 21:04

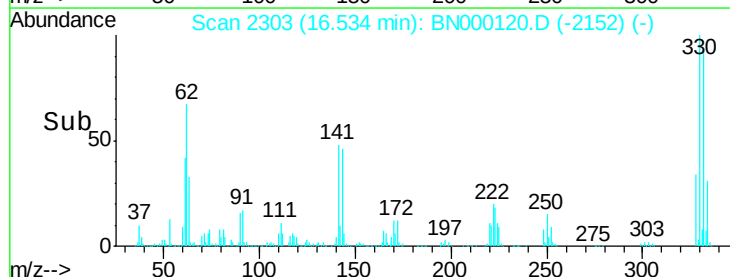
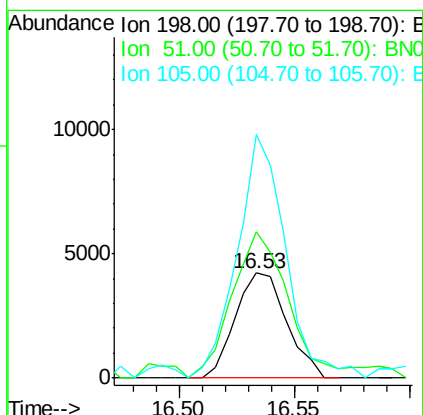
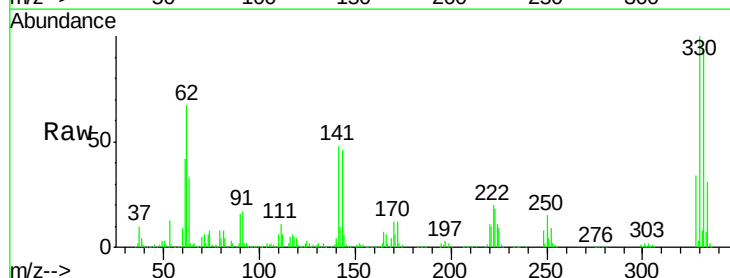
Instrument :
BNA_N
ClientSampled :

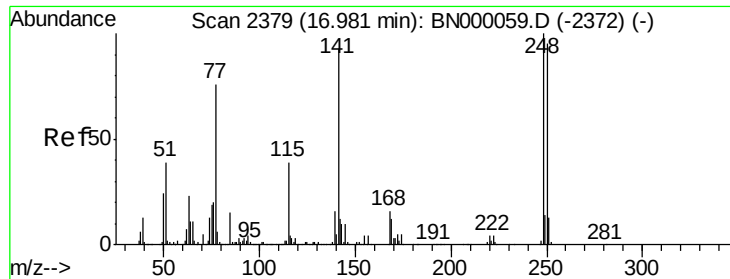
Tot Ion:188 Resp: 3027658
Ion Ratio Lower Upper
188 100
94 12.1 6.9 10.3#
80 13.1 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 9.08 ng
RT: 16.53 min Scan# 2303
Delta R.T. 0.36 min
Lab File: BN000120.D
Acq: 19 Feb 2018 21:04

Tgt Ion:198 Resp: 6522
Ion Ratio Lower Upper
198 100
51 139.4 30.6 70.6#
105 231.6 23.8 63.8#

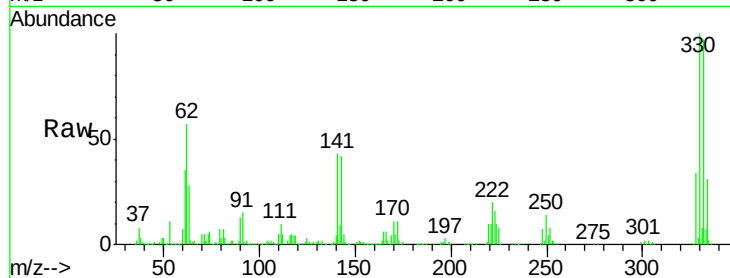




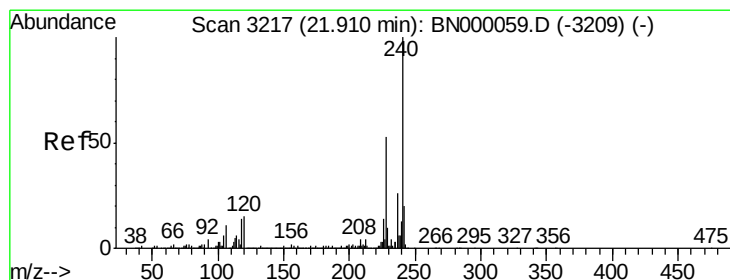
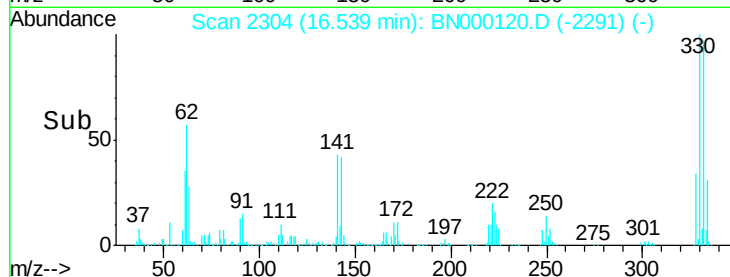
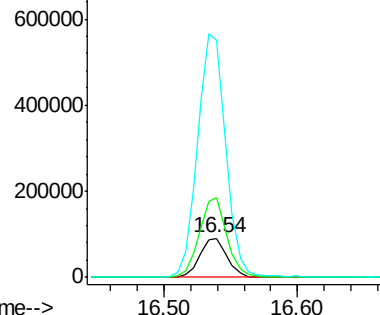
#66
 4-Bromophenyl-phenylether
 Concen: 4.53 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.45 min
 Lab File: BN000120.D
 Acq: 19 Feb 2018 21:04

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:248 Resp: 130527
 Ion Ratio Lower Upper
 248 100
 250 205.5 77.1 115.7#
 141 610.4 50.8 76.2#

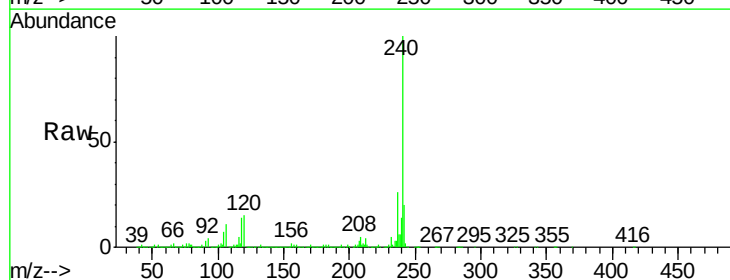


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

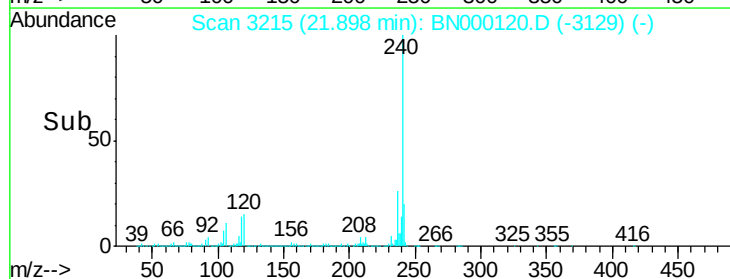
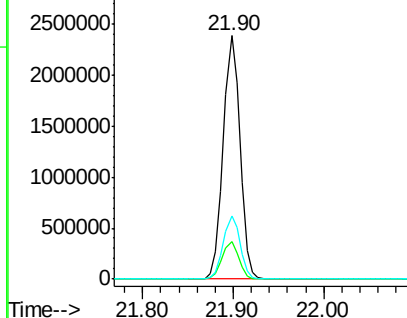


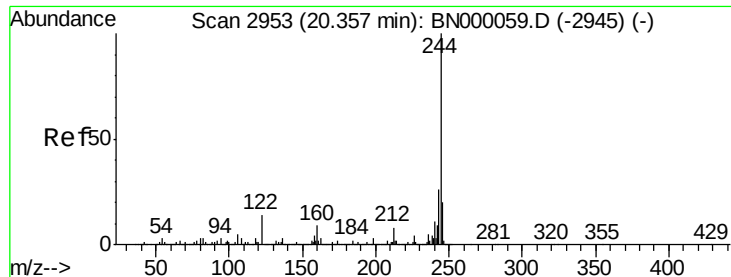
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.90 min Scan# 3215
 Delta R.T. -0.02 min
 Lab File: BN000120.D
 Acq: 19 Feb 2018 21:04

Tgt Ion:240 Resp: 3062930
 Ion Ratio Lower Upper
 240 100
 120 15.2 6.8 10.2#
 236 25.9 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: 98.18 ng

RT: 20.35 min Scan# 2951

Delta R.T. -0.02 min

Lab File: BN000120.D

Acq: 19 Feb 2018 21:04

Instrument :

BNA_N

ClientSampled :

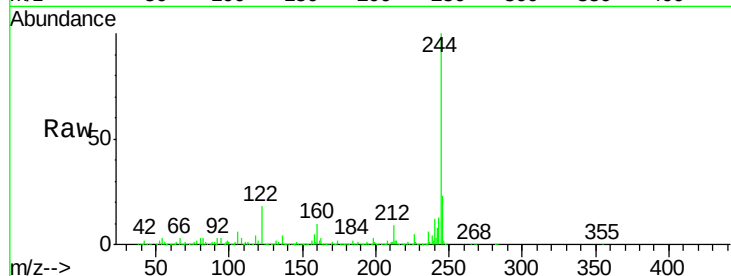
Tot Ion:244 Resp:11136685

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

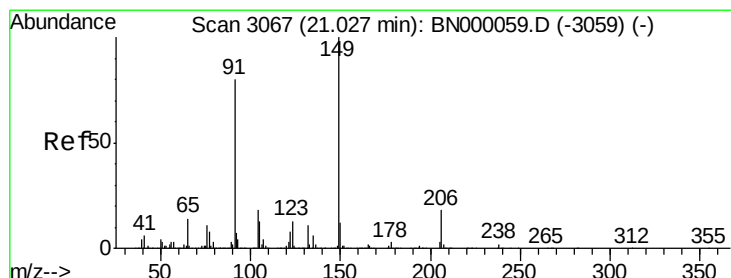
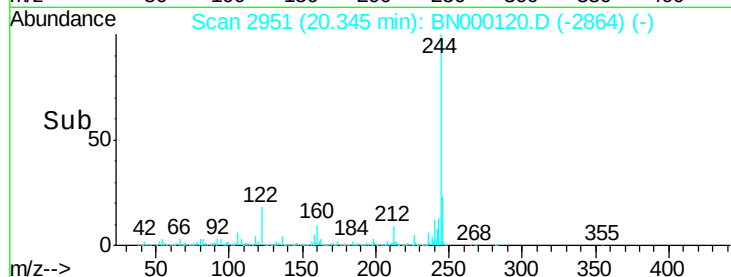
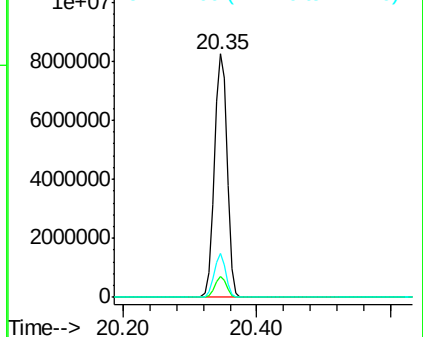
122 17.8 7.0 10.4#



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: 5.38 ng

RT: 21.02 min Scan# 3066

Delta R.T. -0.02 min

Lab File: BN000120.D

Acq: 19 Feb 2018 21:04

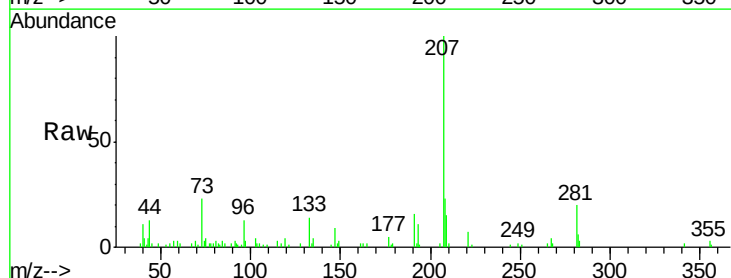
Tgt Ion:149 Resp: 353

Ion Ratio Lower Upper

149 100

91 92.7 62.2 93.2

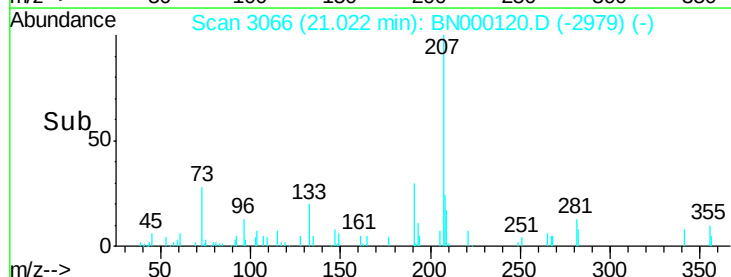
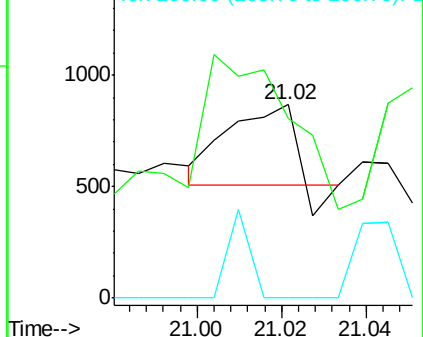
206 0.0 18.6 27.8#

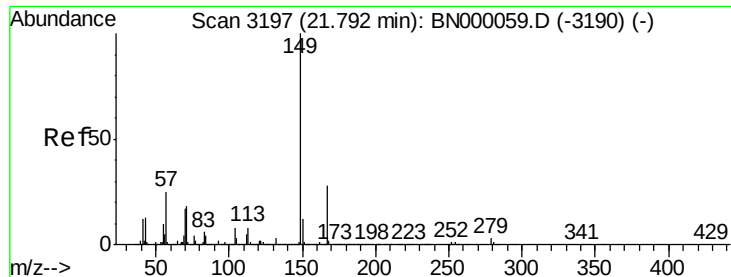


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

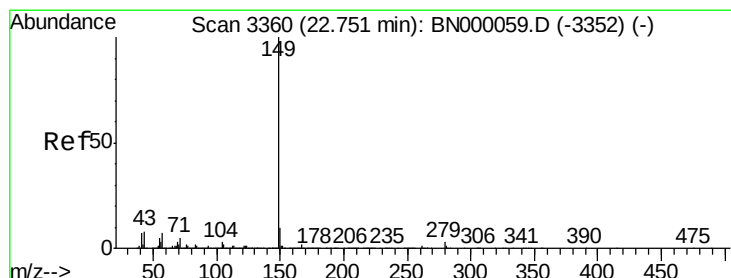
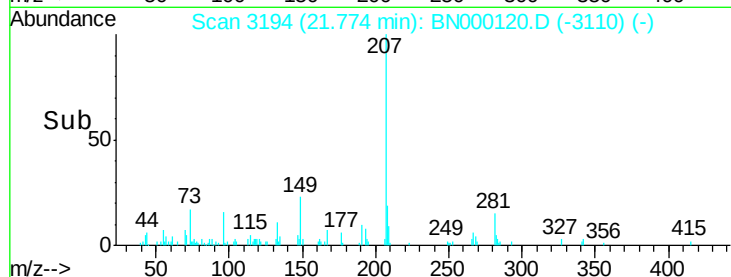
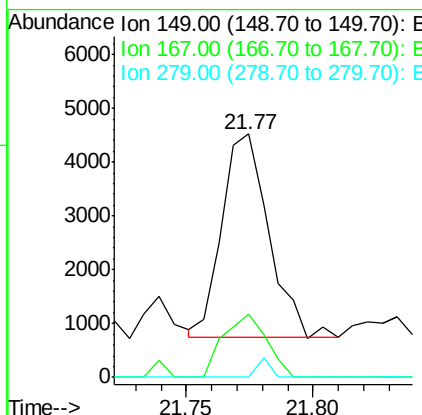
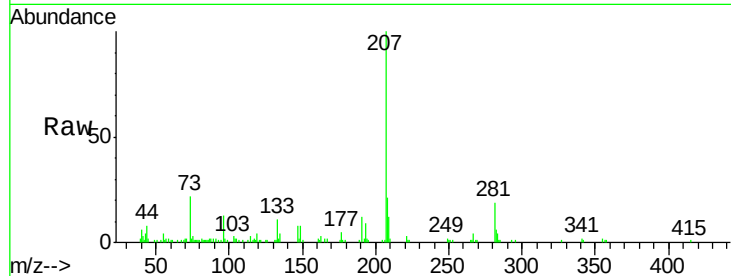




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.94 ng
 RT: 21.77 min Scan# 3194
 Delta R.T. -0.03 min
 Lab File: BN000120.D
 Acq: 19 Feb 2018 21:04

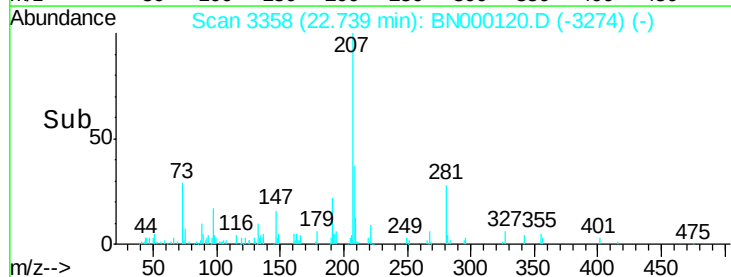
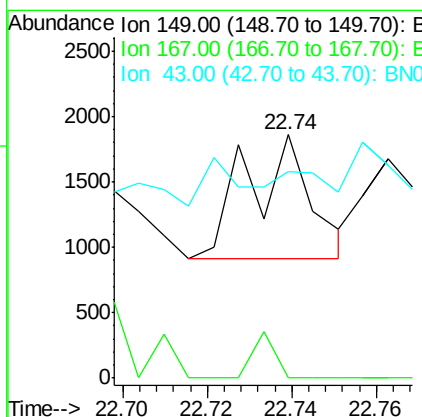
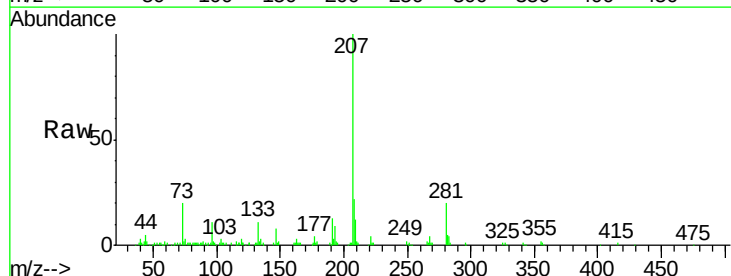
Instrument :
 BNA_N
 ClientSampleId :

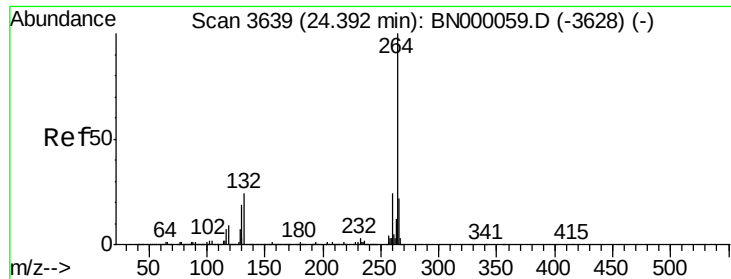
Tot Ion:149 Resp: 4888
 Ion Ratio Lower Upper
 149 100
 167 26.1 24.3 36.5
 279 0.0 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 6.73 ng
 RT: 22.74 min Scan# 3358
 Delta R.T. -0.03 min
 Lab File: BN000120.D
 Acq: 19 Feb 2018 21:04

Tgt Ion:149 Resp: 982
 Ion Ratio Lower Upper
 149 100
 167 12.6 1.4 2.0#
 43 24.1 8.9 13.3#



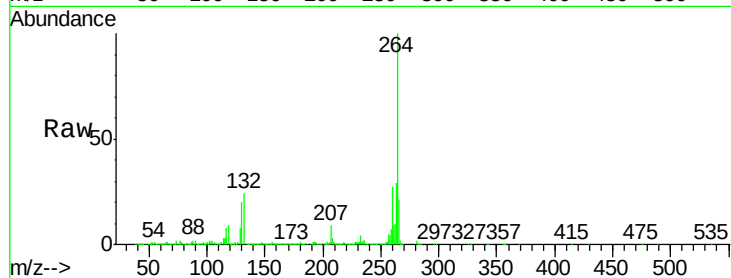


#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.37 min Scan# 3636
Delta R.T. -0.04 min
Lab File: BN000120.D
Acq: 19 Feb 2018 21:04

Instrument :
BNA_N
ClientSampleId :

Tot Ion:264 Resp: 2080280

Ion	Ratio	Lower	Upper
264	100		
260	26.6	17.4	26.0#
265	21.0	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

