

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
 Data File : BN000121.D
 Acq On : 19 Feb 2018 21:38
 Operator : JU/SJ
 Sample : J1577-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 20 03:12:33 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

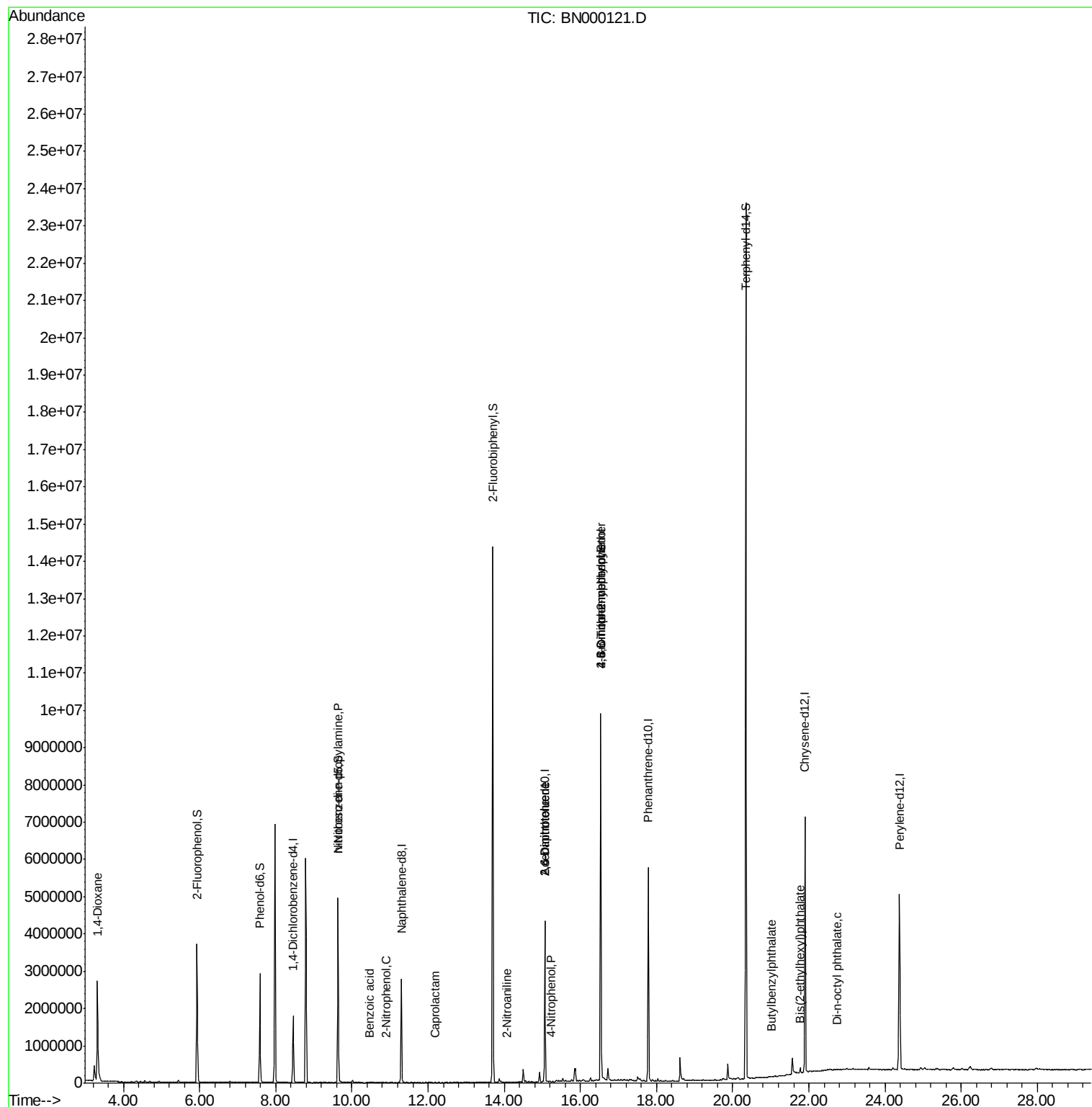
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	474565	20.00	ng	-0.01
21) Naphthalene-d8	11.30	136	2296139	20.00	ng	-0.01
38) Acenaphthene-d10	15.07	164	1345465	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	3016525	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	3090482	20.00	ng	-0.02
86) Perylene-d12	24.38	264	3287265	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	1830848	62.88	ng	-0.01
7) Phenol-d6	7.58	99	1834671	41.60	ng	-0.01
23) Nitrobenzene-d5	9.63	82	3072412	79.56	ng	-0.02
41) 2,4,6-Tribromophenol	16.54	330	1527555	114.70	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	7010321	73.44	ng	-0.02
78) Terphenyl-d14	20.34	244	9557348	83.50	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.32	88	28063	2.40	ng	# 1
19) n-Nitroso-di-n-propylamine	9.64	70	389601	13.18	ng	# 66
26) 2-Nitrophenol	10.89	139	1413	7.26	ng	# 29
32) Benzoic acid	10.47	122	318	10.55	ng	# 62
35) Caprolactam	12.19	113	264	4.04	ng	# 83
47) 2-Nitroaniline	14.06	65	459	4.89	ng	# 9
50) 2,6-Dinitrotoluene	15.07	165	173396	7.47	ng	# 21
55) 4-Nitrophenol	15.23	139	290	4.99	ng	# 19
56) 2,4-Dinitrotoluene	15.07	165	173396	8.94	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.53	198	5569	9.03	ng	# 1
66) 4-Bromophenyl-phenylether	16.54	248	109959	3.83	ng	# 1
79) Butylbenzylphthalate	21.02	149	3246	5.41	ng	# 60
83) Bis(2-ethylhexyl)phthalate	21.77	149	47749	3.23	ng	# 92
84) Di-n-octyl phthalate	22.74	149	439	6.73	ng	# 64

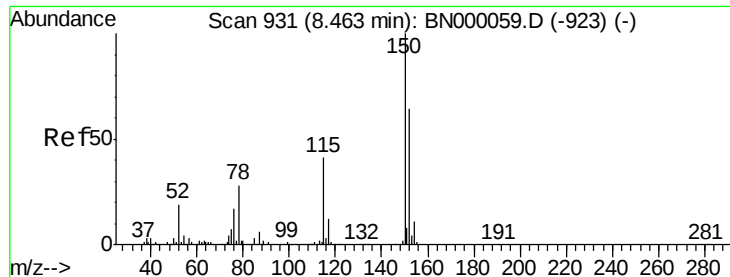
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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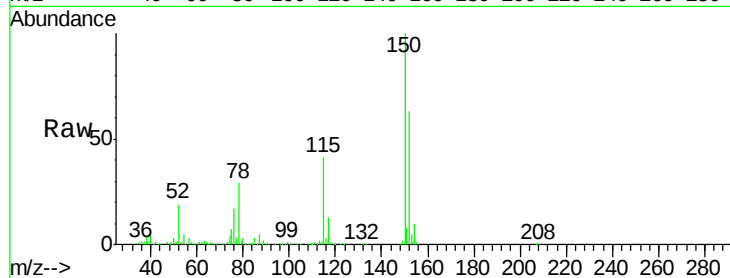


#1

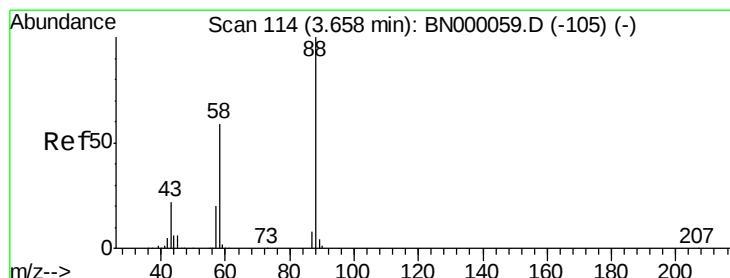
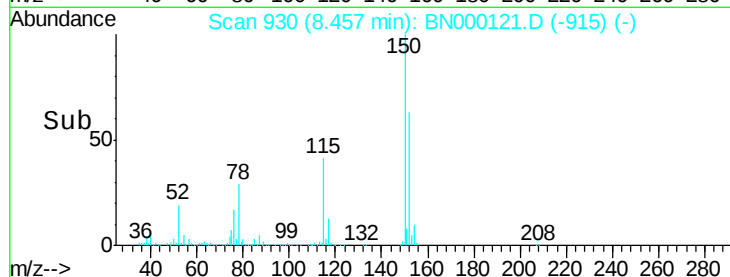
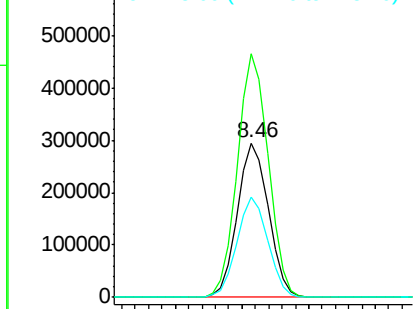
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.01 min
Lab File: BN000121.D
Acq: 19 Feb 2018 21:38

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.6	189.8
115	65.5	53.0	79.4



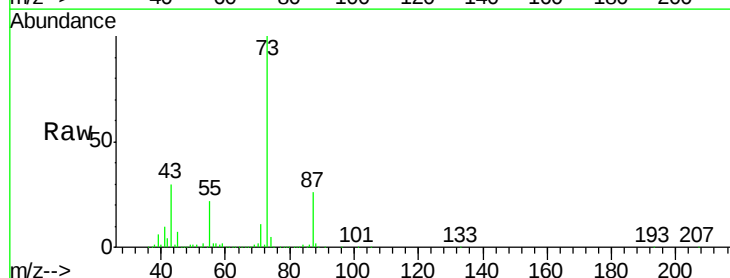
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



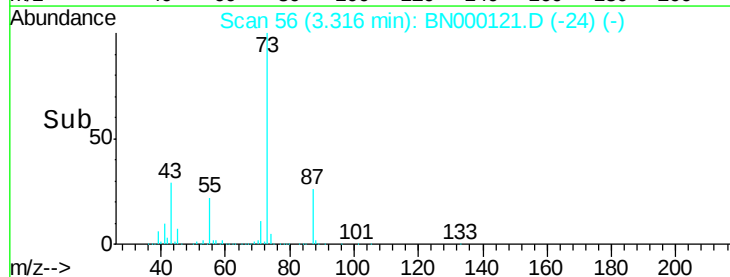
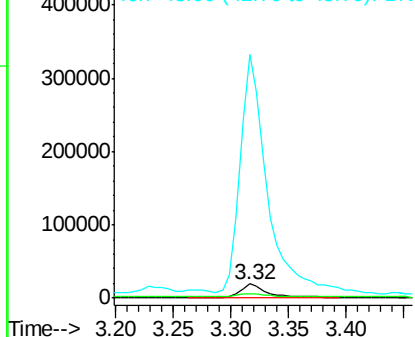
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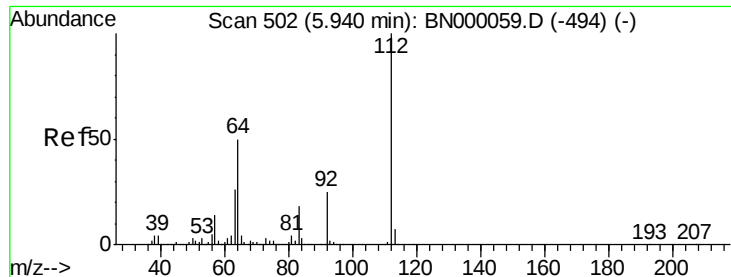
1,4-Dioxane
Concen: 2.40 ng
RT: 3.32 min Scan# 56
Delta R.T. -0.34 min
Lab File: BN000121.D
Acq: 19 Feb 2018 21:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	26.1	52.0	78.0#
43	1935.9	20.0	30.0#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#5

2-Fluorophenol

Concen: 62.88 ng

RT: 5.93 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN000121.D

Acq: 19 Feb 2018 21:38

Instrument :

BNA_N

ClientSampleId :

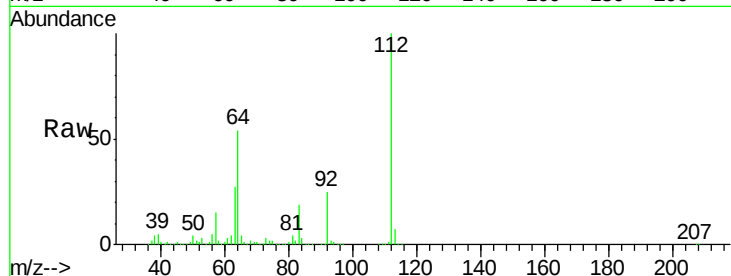
Tot Ion:112 Resp: 1830848

Ion Ratio Lower Upper

112 100

64 53.5 56.3 84.5#

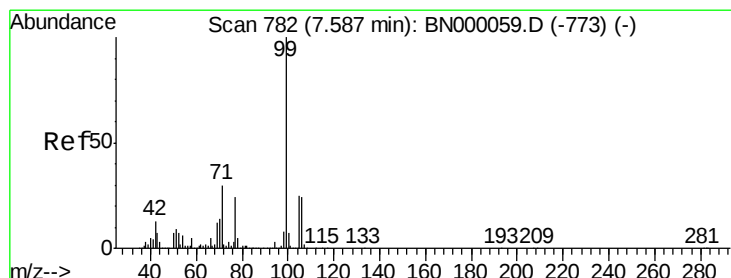
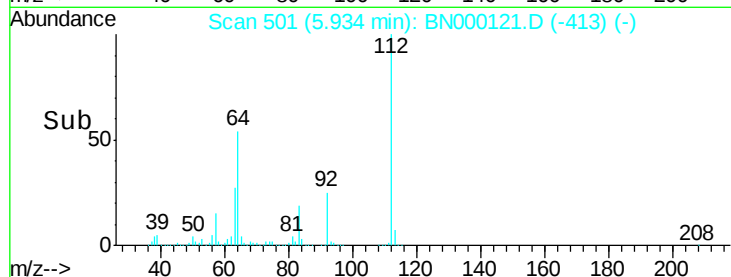
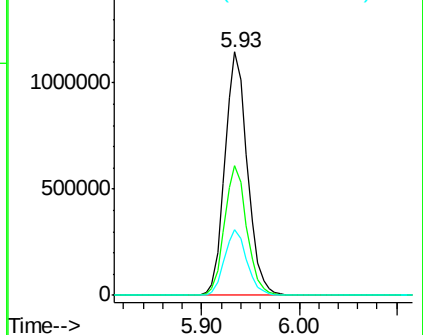
63 27.1 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#7

Phenol-d6

Concen: 41.60 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000121.D

Acq: 19 Feb 2018 21:38

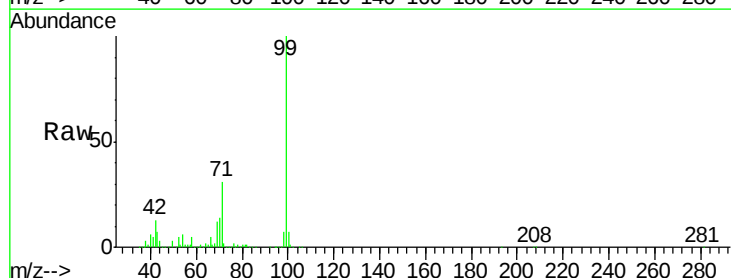
Tgt Ion: 99 Resp: 1834671

Ion Ratio Lower Upper

99 100

42 13.5 14.1 21.1#

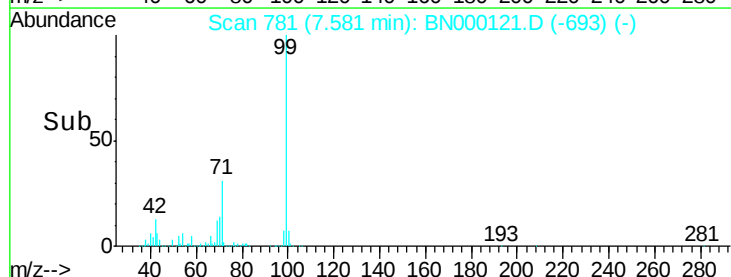
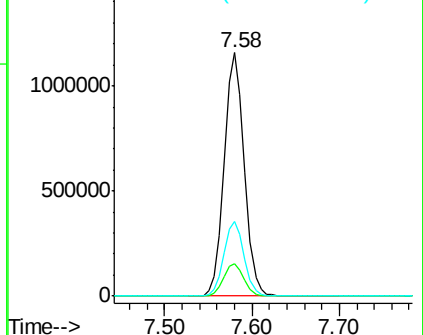
71 30.7 26.1 39.1

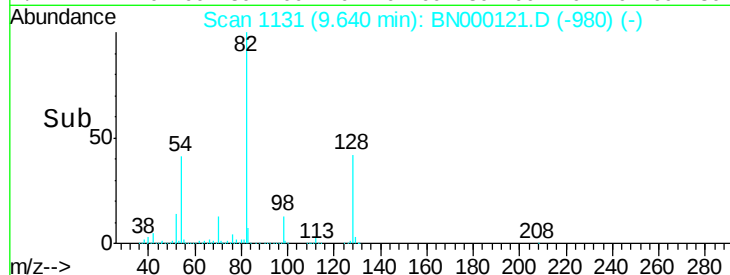
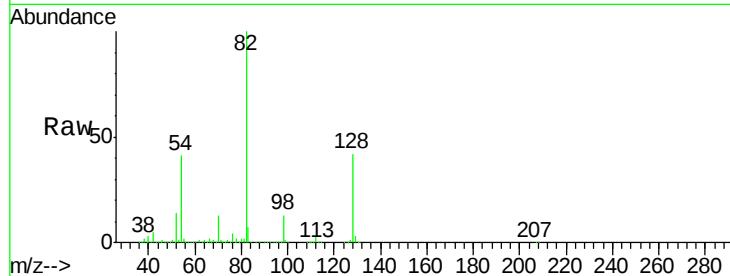
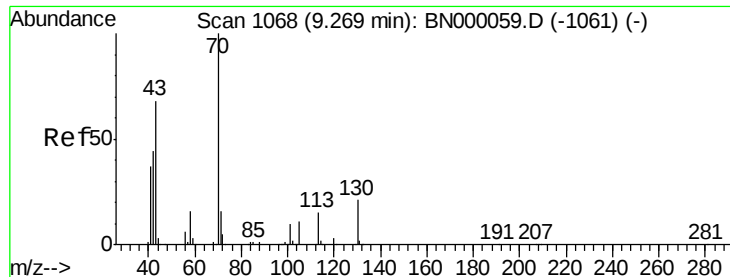


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC

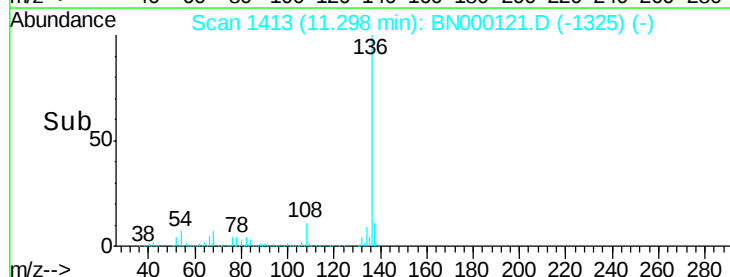
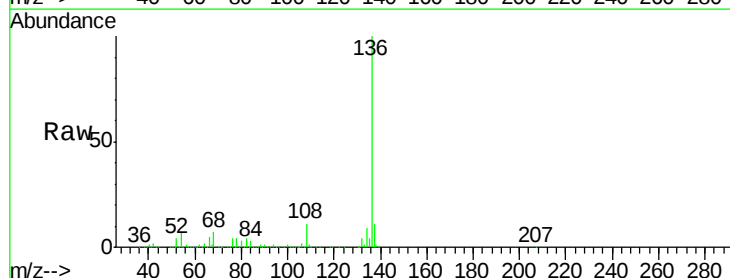
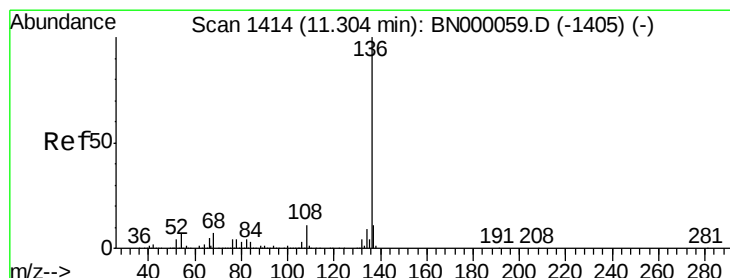
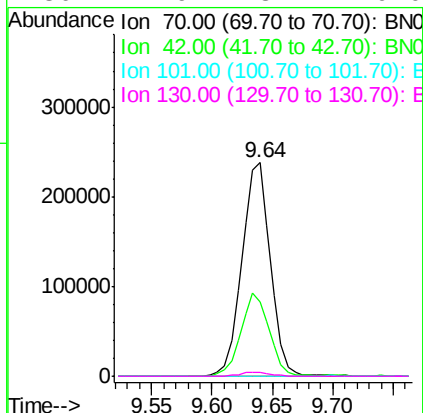




#19
n-Nitroso-di-n-propylamine
Concen: 13.18 ng
RT: 9.64 min Scan# 1131
Delta R.T. 0.36 min
Lab File: BN000121.D
Acq: 19 Feb 2018 21:38

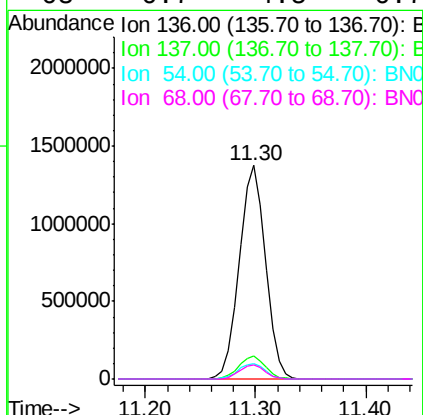
Instrument :
BNA_N
ClientSampleId :

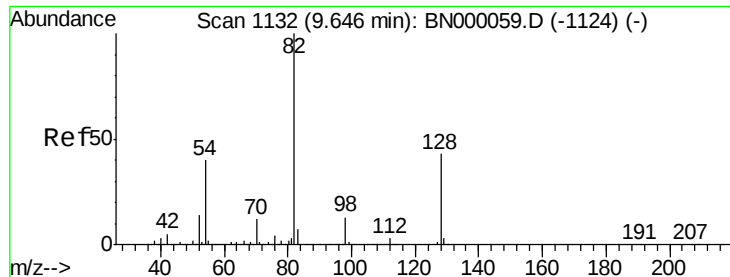
Tot Ion	Ratio	Lower	Upper
70	100		
42	35.0	49.1	73.7#
101	0.0	8.5	12.7#
130	1.9	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.30 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BN000121.D
Acq: 19 Feb 2018 21:38

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.4	10.3	15.5#
68	6.7	4.5	6.7#





#23

Nitrobenzene-d5

Concen: 79.56 ng

RT: 9.63 min Scan# 1130

Delta R.T. -0.02 min

Lab File: BN000121.D

Acq: 19 Feb 2018 21:38

Instrument :

BNA_N

ClientSampled :

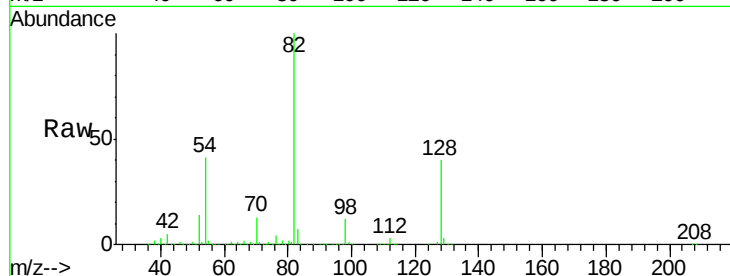
Tot Ion: 82 Resp: 3072412

Ion Ratio Lower Upper

82 100

128 40.2 29.7 44.5

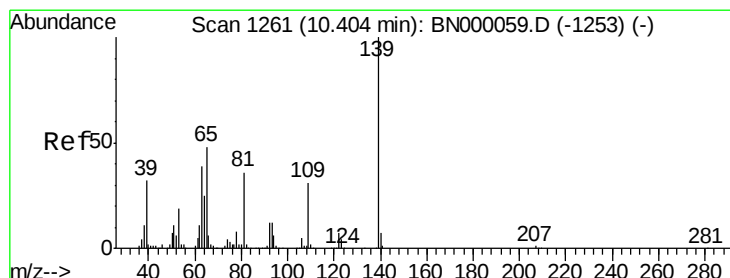
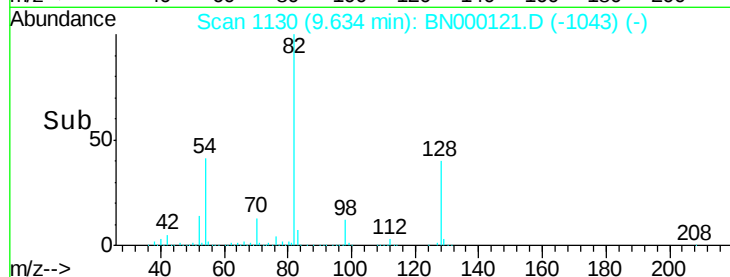
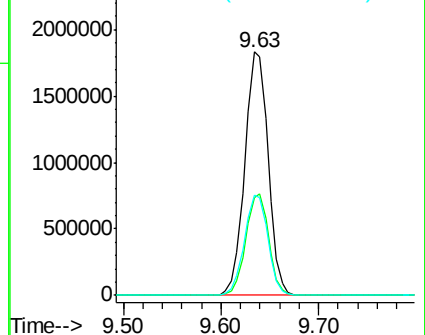
54 41.2 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#26

2-Nitrophenol

Concen: 7.26 ng

RT: 10.89 min Scan# 1343

Delta R.T. 0.48 min

Lab File: BN000121.D

Acq: 19 Feb 2018 21:38

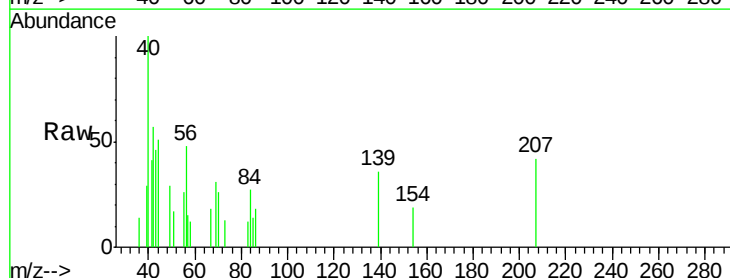
Tgt Ion: 139 Resp: 1413

Ion Ratio Lower Upper

139 100

109 0.0 24.2 36.2#

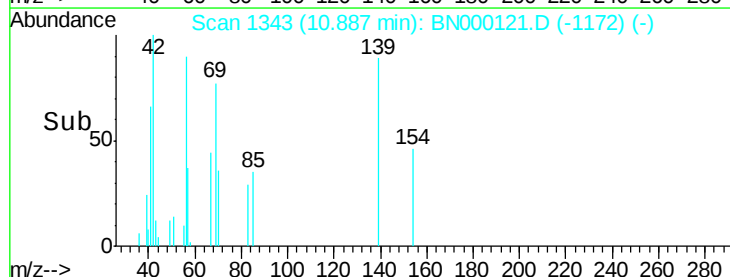
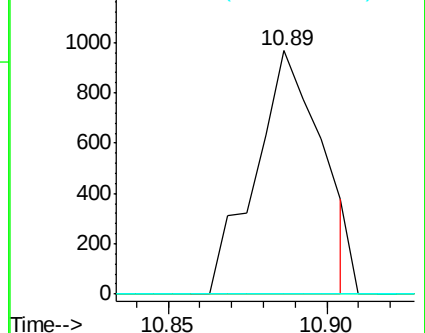
65 0.0 47.4 71.0#

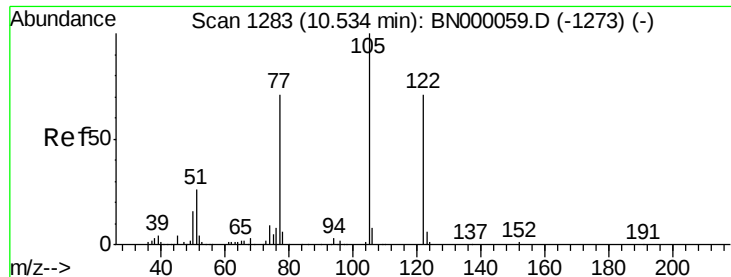


Abundance Ion 139.00 (138.70 to 139.70): BNC

Ion 109.00 (108.70 to 109.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

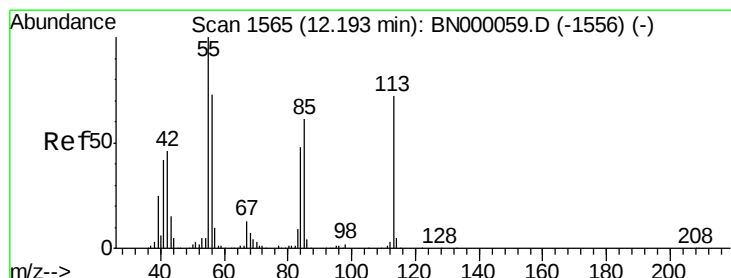
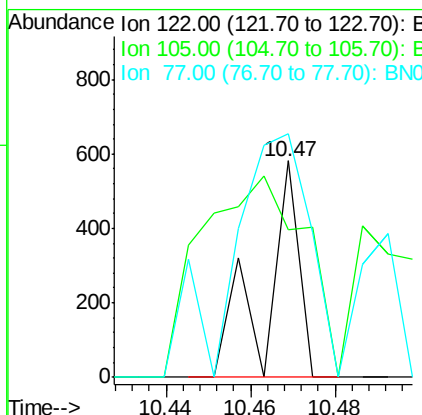
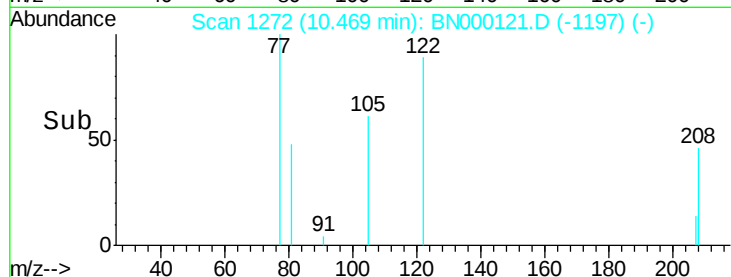
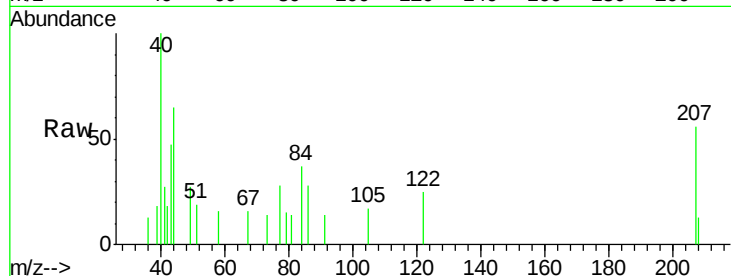




#32
Benzoic acid
Concen: 10.55 ng
RT: 10.47 min Scan# 1272
Delta R.T. -0.09 min
Lab File: BN000121.D
Acq: 19 Feb 2018 21:38

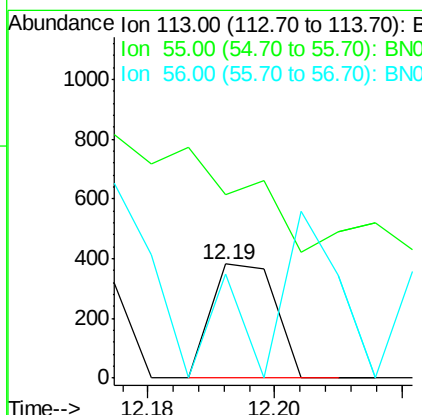
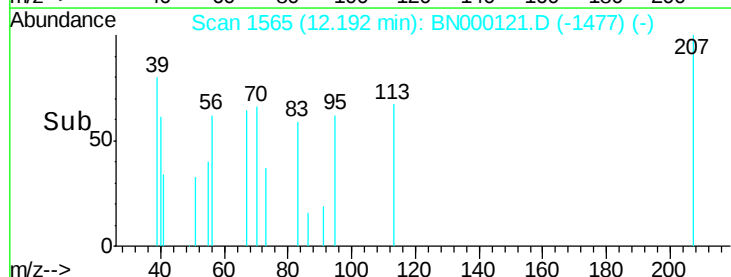
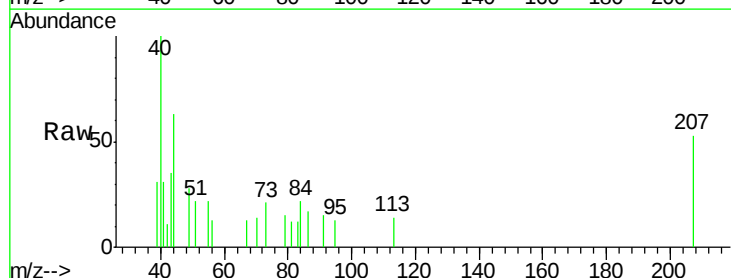
Instrument :
BNA_N
ClientSampleId :

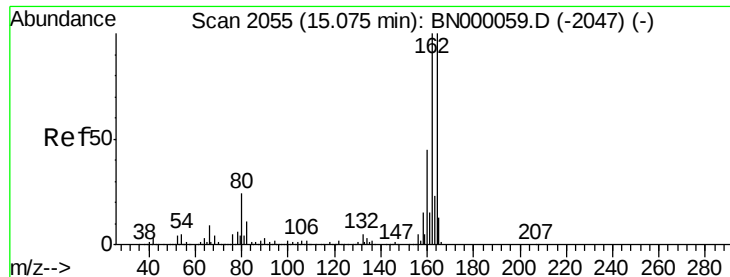
Tot Ion:122 Resp: 318
Ion Ratio Lower Upper
122 100
105 68.3 123.5 163.5#
77 112.6 85.7 125.7



#35
Caprolactam
Concen: 4.04 ng
RT: 12.19 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BN000121.D
Acq: 19 Feb 2018 21:38

Tgt Ion:113 Resp: 264
Ion Ratio Lower Upper
113 100
55 160.7 120.0 160.0#
56 91.9 90.0 130.0

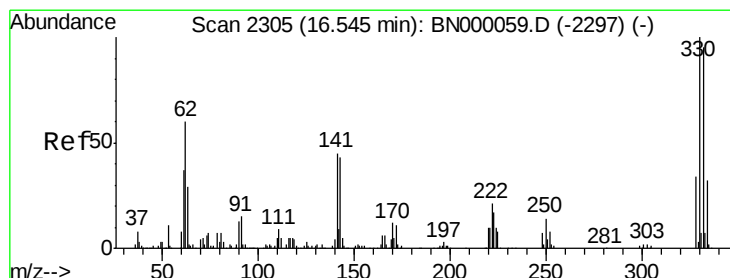
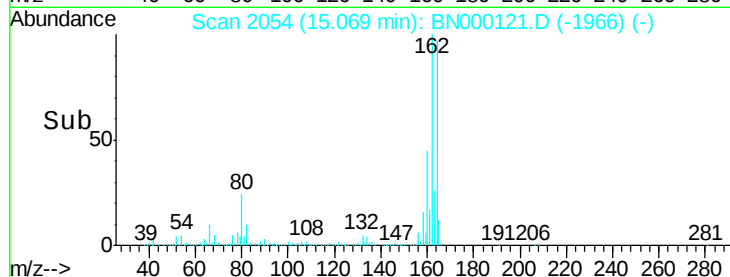
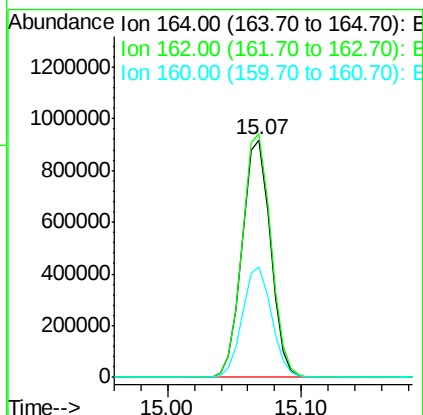
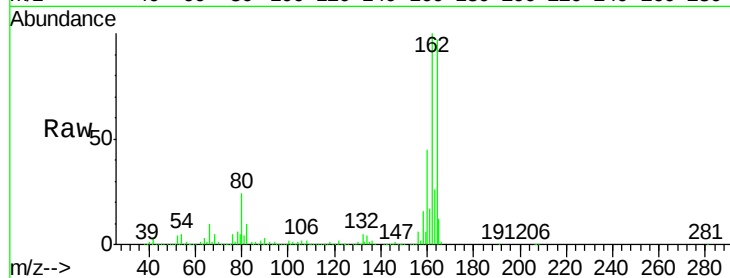




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BN000121.D
Acq: 19 Feb 2018 21:38

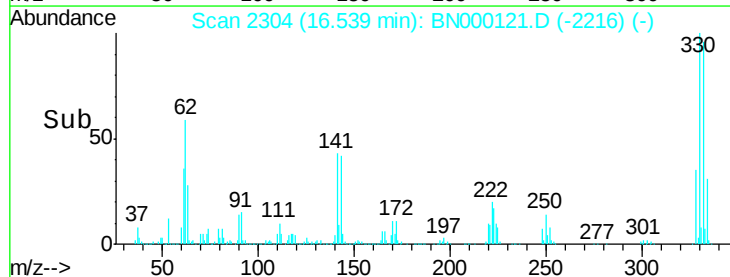
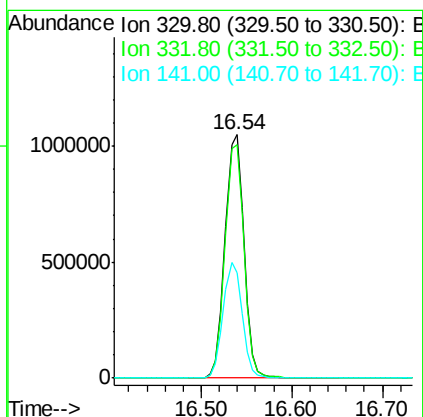
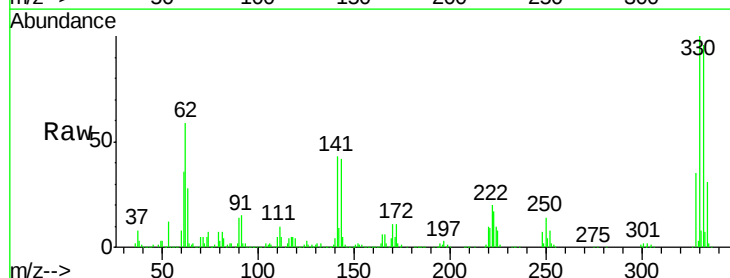
Instrument :
BNA_N
ClientSampleId :

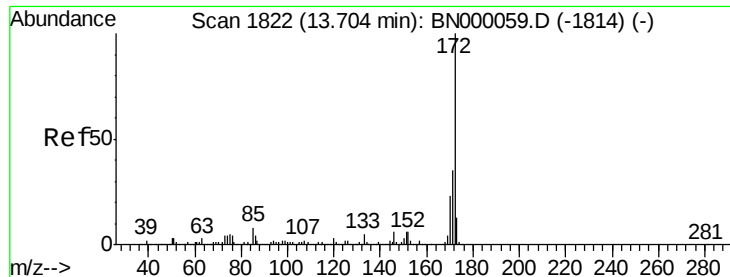
Tot Ion:164 Resp: 1345465
Ion Ratio Lower Upper
164 100
162 102.6 78.8 118.2
160 46.3 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 114.70 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BN000121.D
Acq: 19 Feb 2018 21:38

Tgt Ion:330 Resp: 1527555
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 48.1 25.2 37.8#

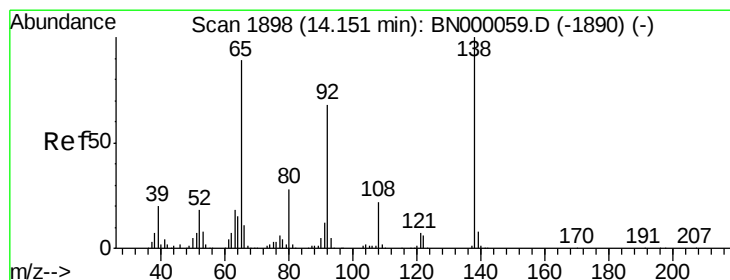
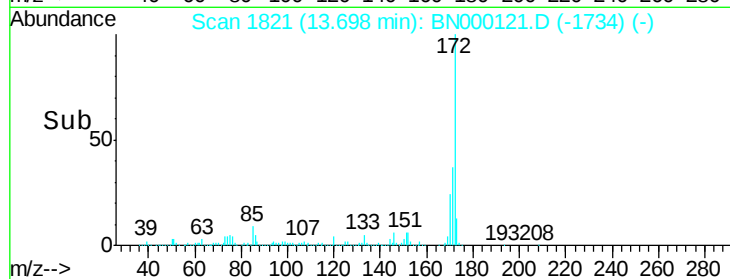
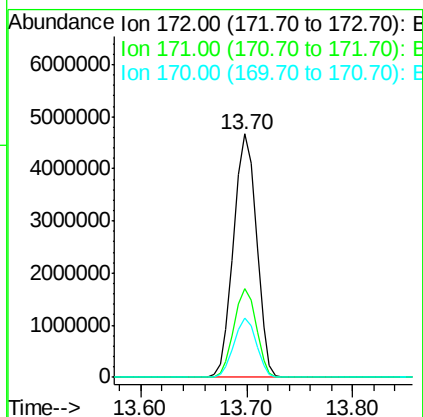
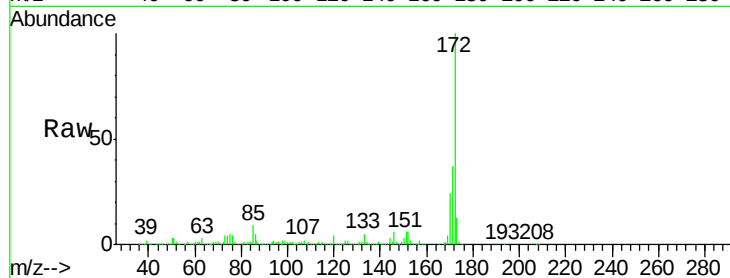




#44
2-Fluorobiphenyl
Concen: 73.44 ng
RT: 13.70 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BN000121.D
Acq: 19 Feb 2018 21:38

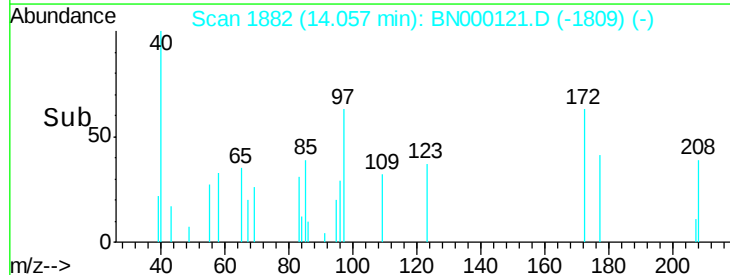
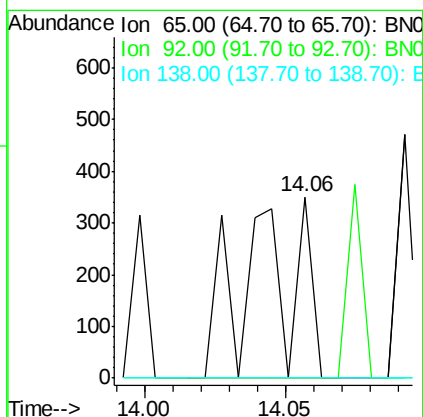
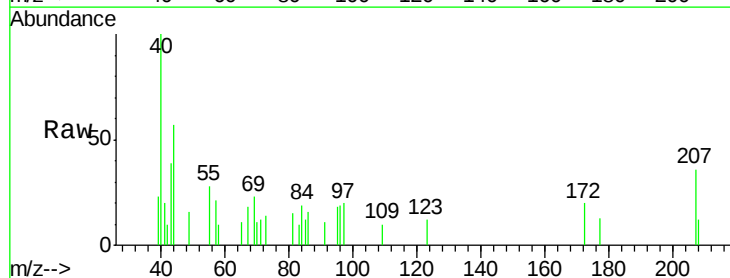
Instrument :
BNA_N
ClientSampled :

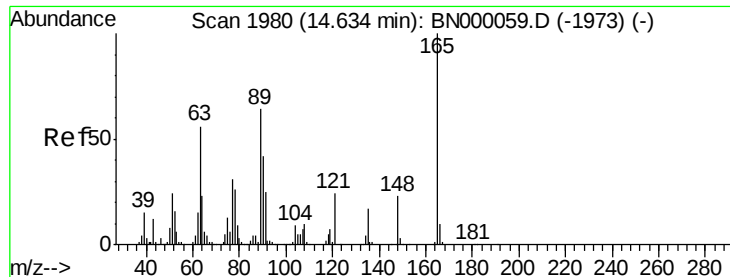
Tot Ion:172 Resp: 7010321
Ion Ratio Lower Upper
172 100
171 36.5 30.0 45.0
170 24.5 19.5 29.3



#47
2-Nitroaniline
Concen: 4.89 ng
RT: 14.06 min Scan# 1882
Delta R.T. -0.10 min
Lab File: BN000121.D
Acq: 19 Feb 2018 21:38

Tgt Ion: 65 Resp: 459
Ion Ratio Lower Upper
65 100
92 0.0 54.6 82.0#
138 0.0 72.9 109.3#

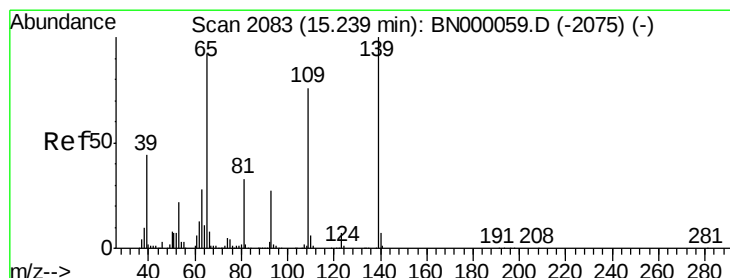
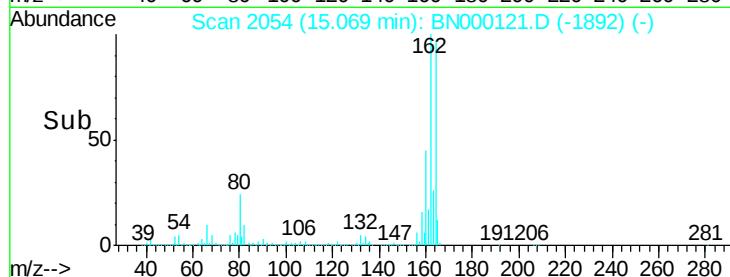
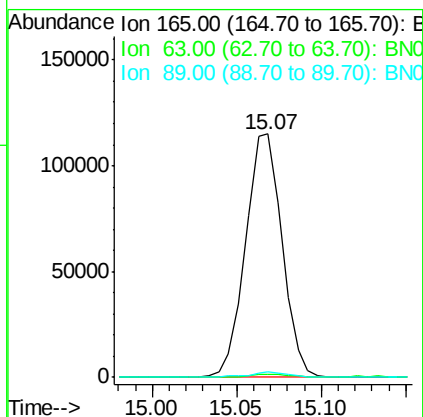
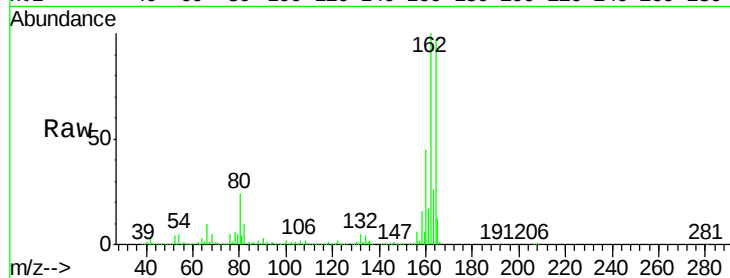




#50
2,6-Dinitrotoluene
Concen: 7.47 ng
RT: 15.07 min Scan# 2054
Delta R.T. 0.42 min
Lab File: BN000121.D
Acq: 19 Feb 2018 21:38

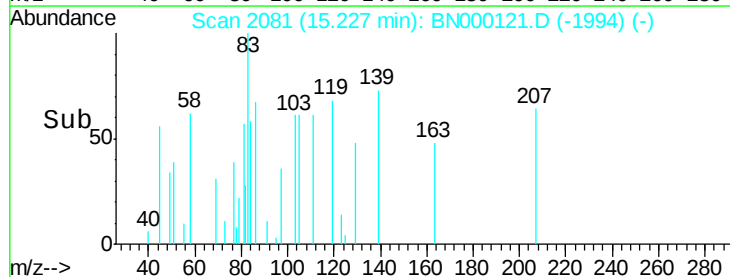
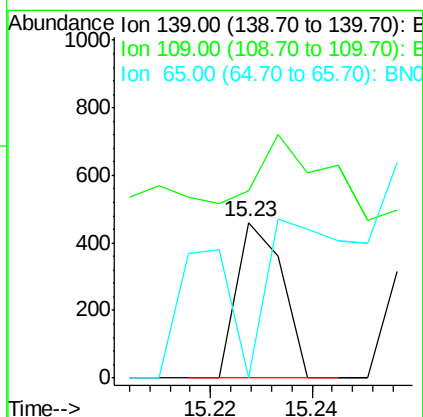
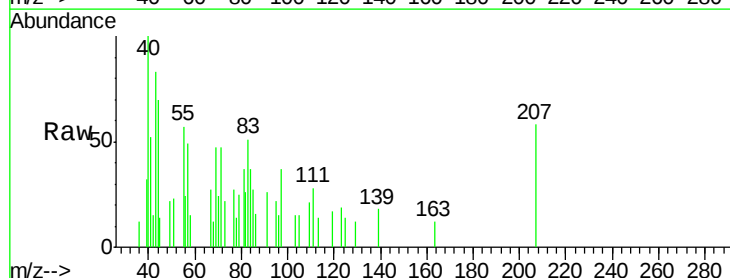
Instrument :
BNA_N
ClientSampleId :

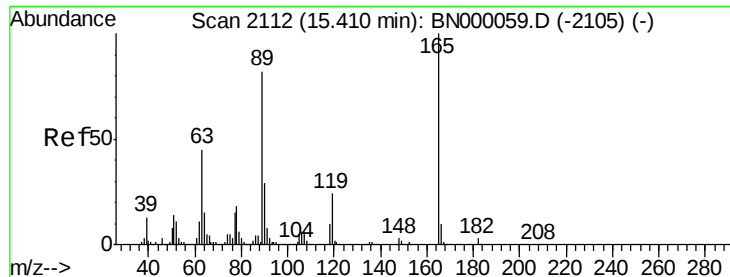
Tot Ion:165 Resp: 173396
Ion Ratio Lower Upper
165 100
63 1.4 52.7 79.1#
89 2.2 49.2 73.8#



#55
4-Nitrophenol
Concen: 4.99 ng
RT: 15.23 min Scan# 2081
Delta R.T. -0.02 min
Lab File: BN000121.D
Acq: 19 Feb 2018 21:38

Tgt Ion:139 Resp: 290
Ion Ratio Lower Upper
139 100
109 120.6 62.2 102.2#
65 0.0 97.2 137.2#

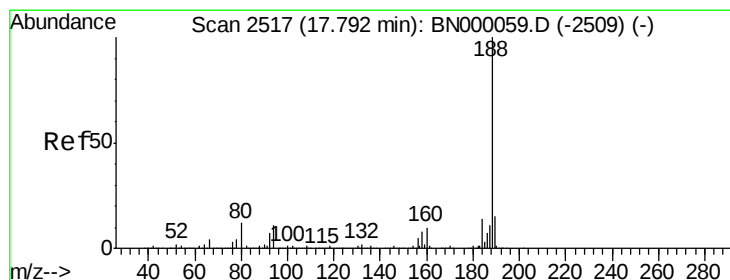
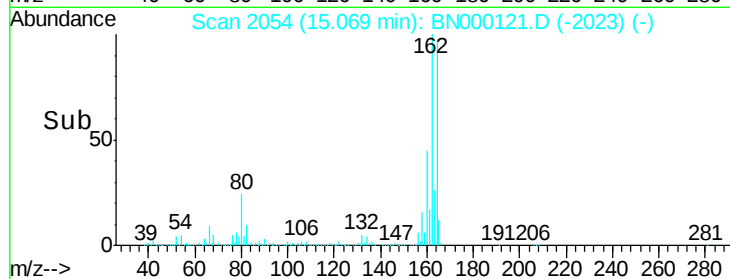
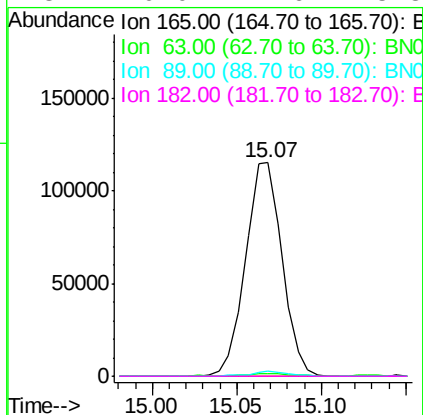
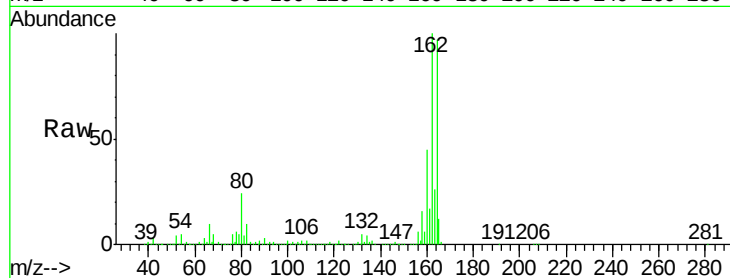




#56
 2,4-Dinitrotoluene
 Concen: 8.94 ng
 RT: 15.07 min Scan# 2054
 Delta R.T. -0.35 min
 Lab File: BN000121.D
 Acq: 19 Feb 2018 21:38

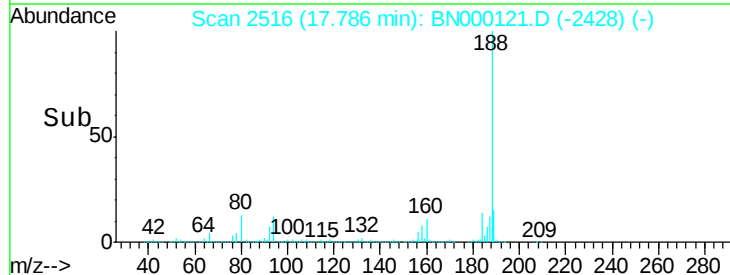
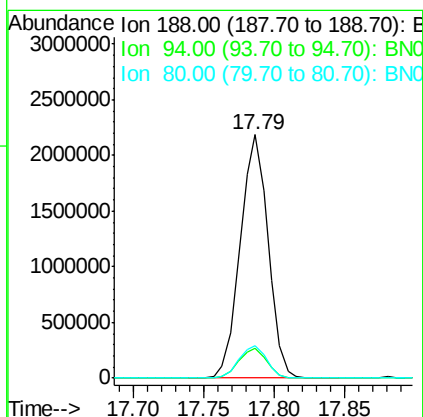
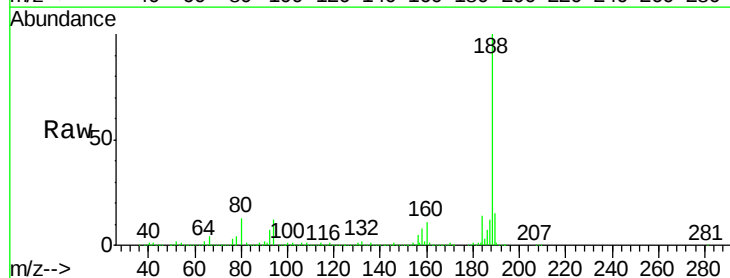
Instrument :
 BNA_N
 ClientSampleId :

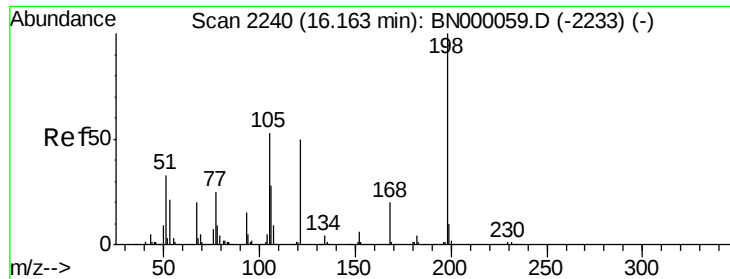
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.0	63.0#
89	2.2	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.79 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BN000121.D
 Acq: 19 Feb 2018 21:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.2	6.9	10.3#
80	13.2	7.7	11.5#





#64

4,6-Dinitro-2-methylphenol

Concen: 9.03 ng

RT: 16.53 min Scan# 2303

Delta R.T. 0.36 min

Lab File: BN000121.D

Acq: 19 Feb 2018 21:38

Instrument :

BNA_N

ClientSampleId :

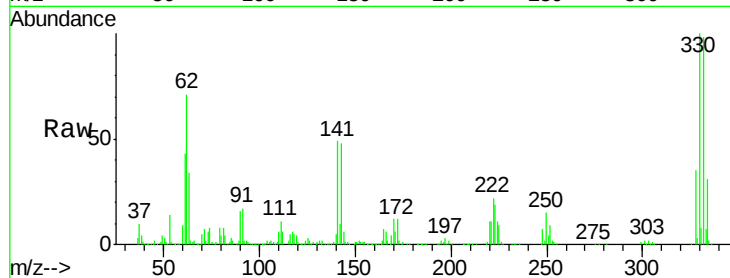
Tot Ion:198 Resp: 5569

Ion Ratio Lower Upper

198 100

51 161.1 30.6 70.6#

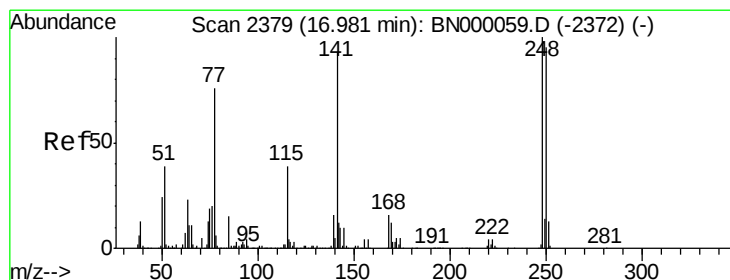
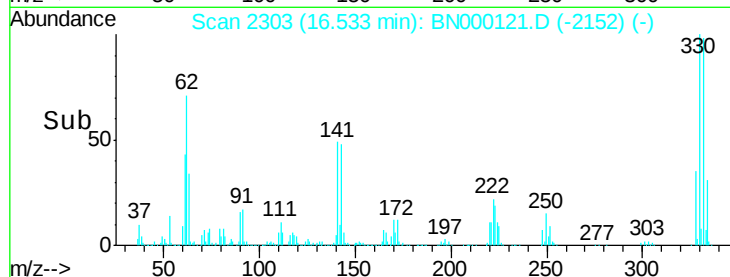
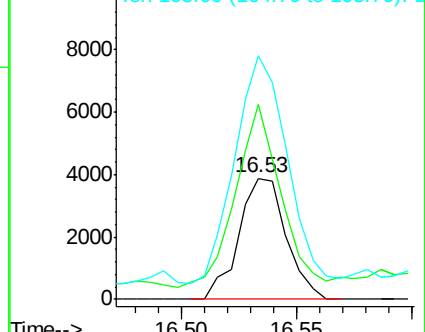
105 200.8 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.83 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.45 min

Lab File: BN000121.D

Acq: 19 Feb 2018 21:38

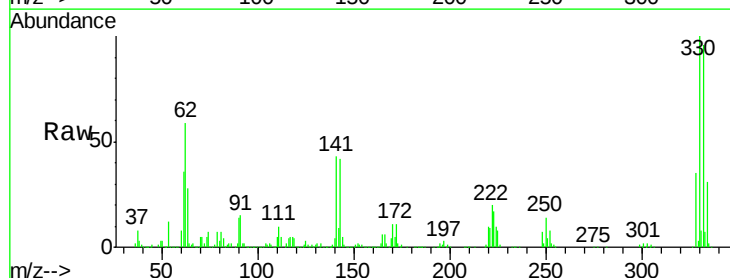
Tgt Ion:248 Resp: 109959

Ion Ratio Lower Upper

248 100

250 206.9 77.1 115.7#

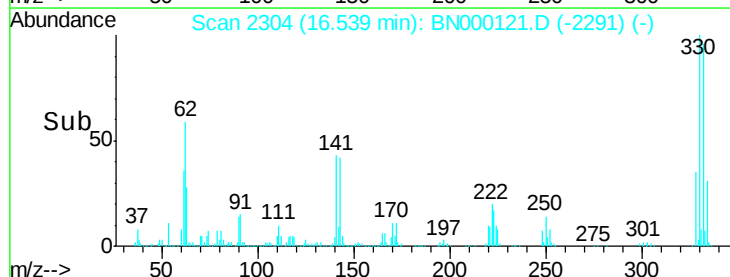
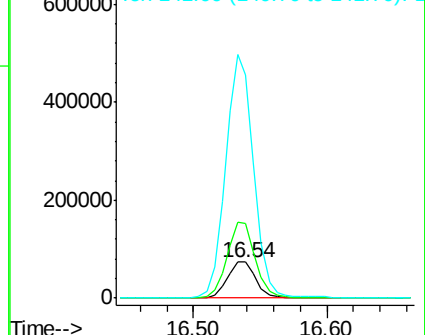
141 622.6 50.8 76.2#

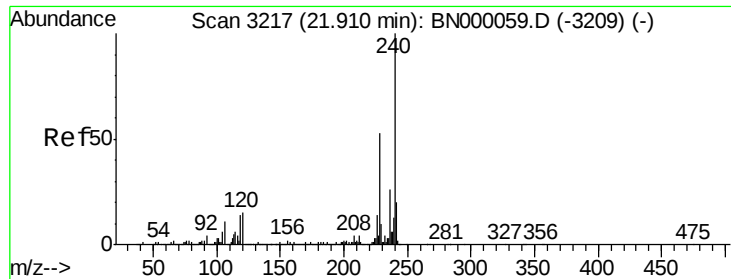


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3215

Delta R.T. -0.02 min

Lab File: BN000121.D

Acq: 19 Feb 2018 21:38

Instrument :

BNA_N

ClientSampleId :

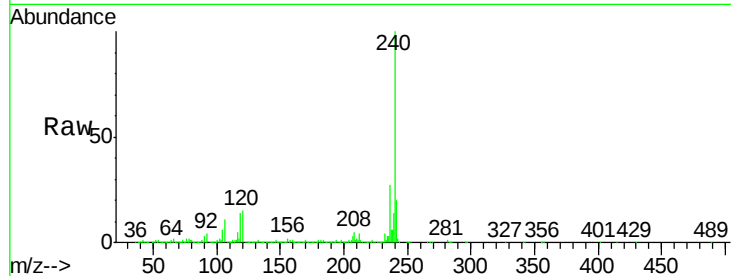
Tot Ion:240 Resp: 3090482

Ion Ratio Lower Upper

240 100

120 14.9 6.8 10.2#

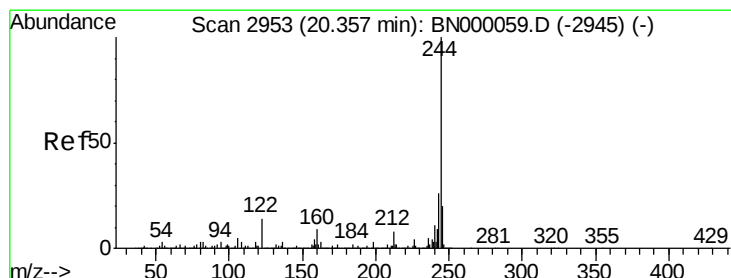
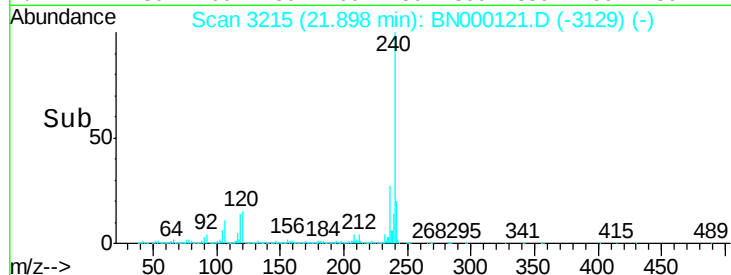
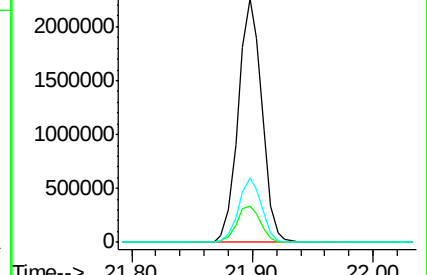
236 26.6 20.9 31.3



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: 83.50 ng

RT: 20.34 min Scan# 2951

Delta R.T. -0.02 min

Lab File: BN000121.D

Acq: 19 Feb 2018 21:38

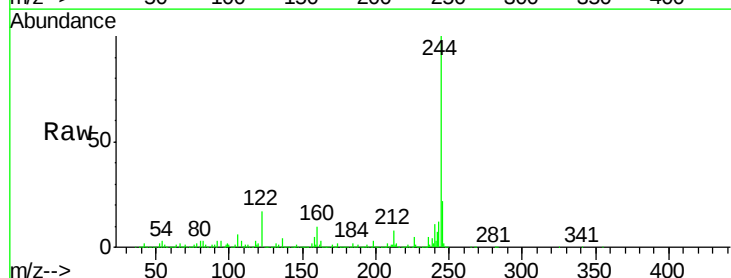
Tgt Ion:244 Resp: 9557348

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

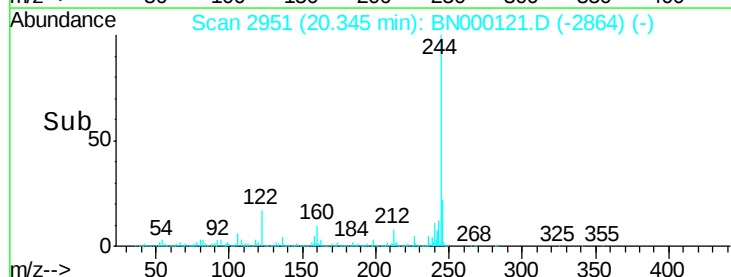
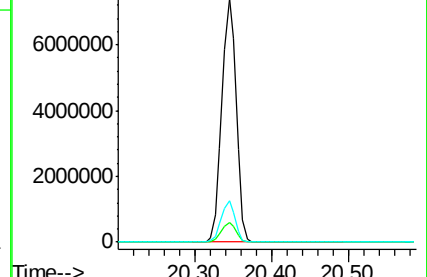
122 17.1 7.0 10.4#

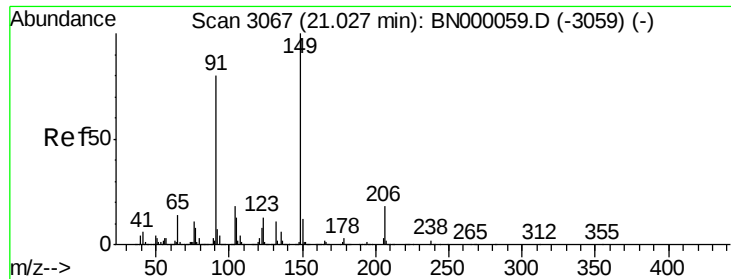


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

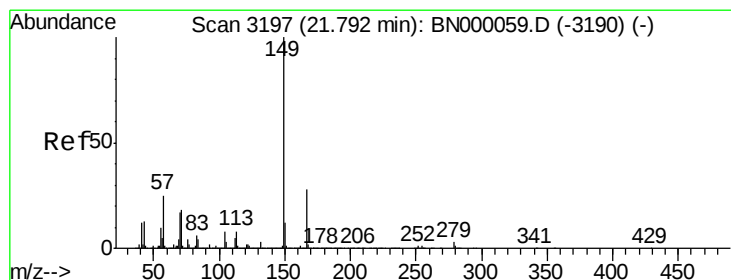
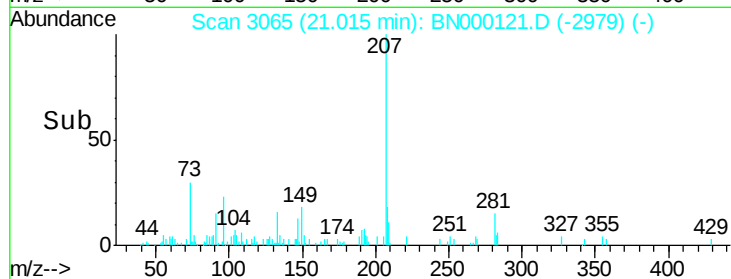
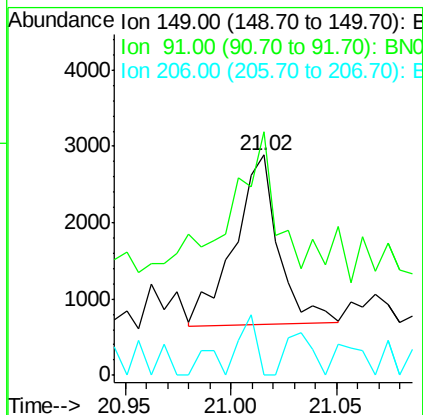
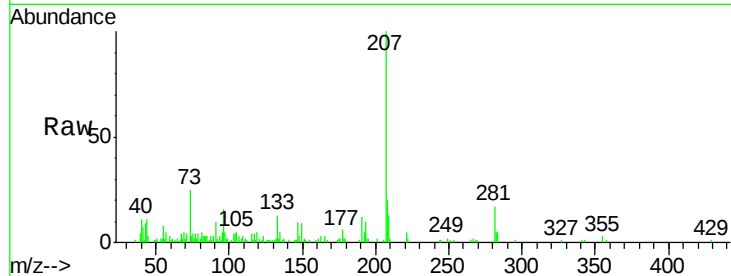




#79
Butylbenzylphthalate
Concen: 5.41 ng
RT: 21.02 min Scan# 3065
Delta R.T. -0.02 min
Lab File: BN000121.D
Acq: 19 Feb 2018 21:38

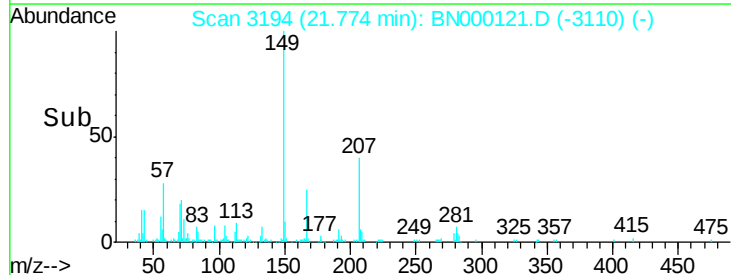
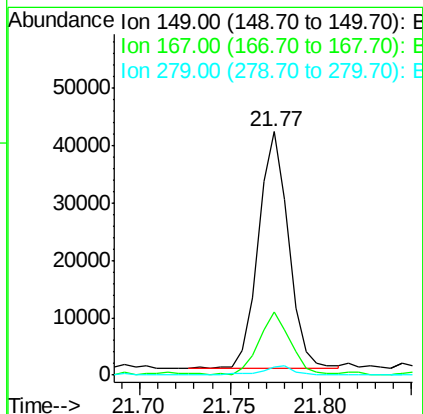
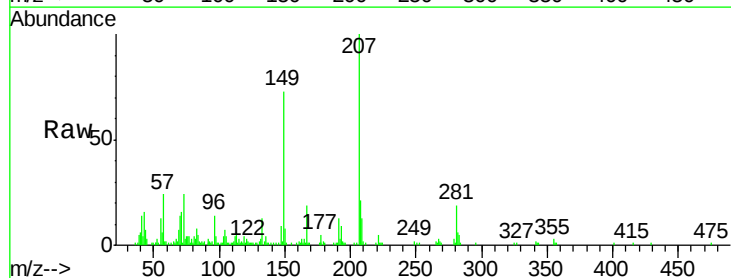
Instrument :
BNA_N
ClientSampled :

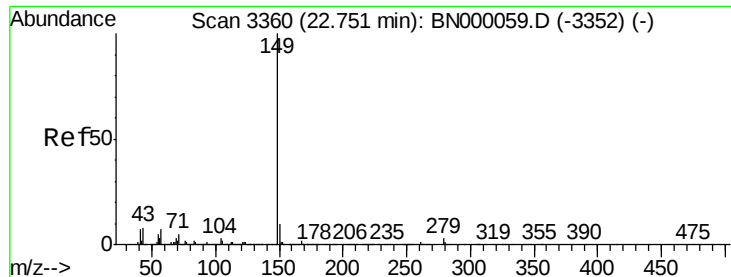
Tot Ion:149 Resp: 3246
Ion Ratio Lower Upper
149 100
91 110.4 62.2 93.2#
206 0.0 18.6 27.8#



#83
Bis(2-ethylhexyl)phthalate
Concen: 3.23 ng
RT: 21.77 min Scan# 3194
Delta R.T. -0.03 min
Lab File: BN000121.D
Acq: 19 Feb 2018 21:38

Tgt Ion:149 Resp: 47749
Ion Ratio Lower Upper
149 100
167 26.0 24.3 36.5
279 3.6 4.0 6.0#

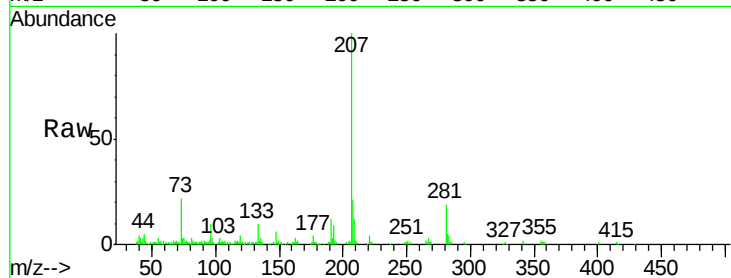




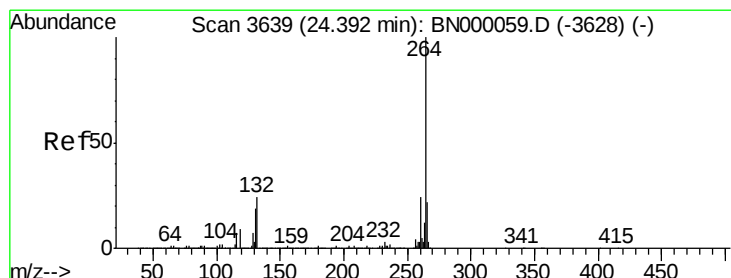
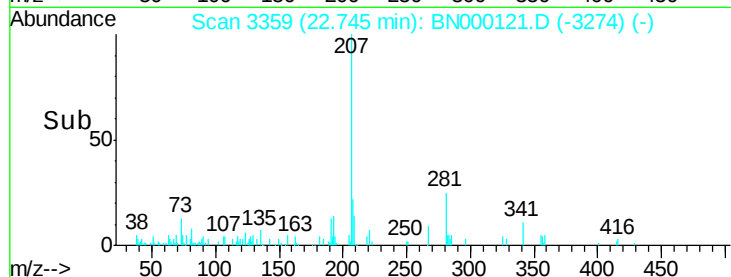
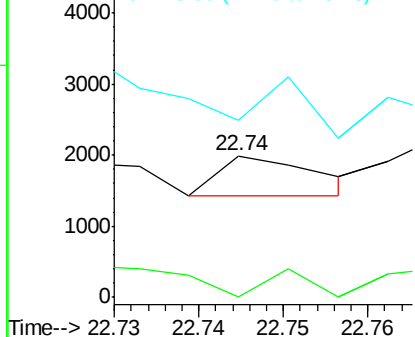
#84
Di-n-octyl phthalate
Concen: 6.73 ng
RT: 22.74 min Scan# 3359
Delta R.T. -0.03 min
Lab File: BN000121.D
Acq: 19 Feb 2018 21:38

Instrument :
BNA_N
ClientSampled :

Tot Ion:149 Resp: 439
Ion Ratio Lower Upper
149 100
167 32.6 1.4 2.0#
43 0.0 8.9 13.3#

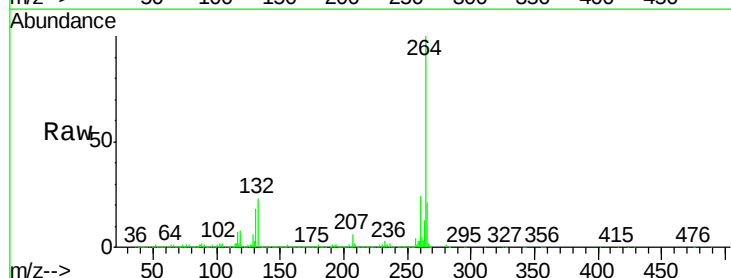


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BNC



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.38 min Scan# 3637
Delta R.T. -0.04 min
Lab File: BN000121.D
Acq: 19 Feb 2018 21:38

Tgt Ion:264 Resp: 3287265
Ion Ratio Lower Upper
264 100
260 23.6 17.4 26.0
265 20.7 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

