

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
 Data File : BN000119.D
 Acq On : 19 Feb 2018 20:29
 Operator : JU/SJ
 Sample : J1573-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 20 03:12:00 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

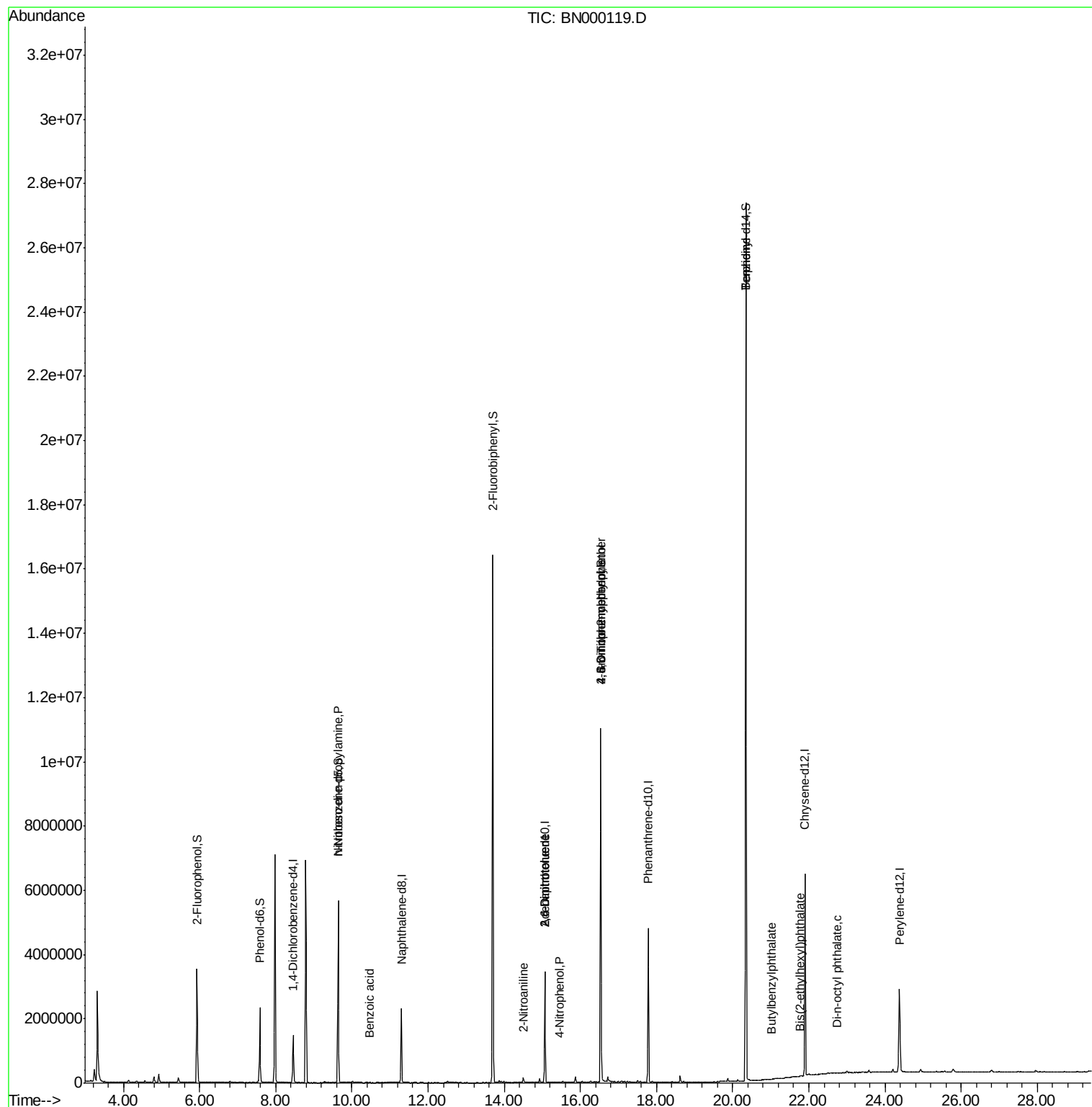
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	398395	20.00	ng	-0.01
21) Naphthalene-d8	11.30	136	1910821	20.00	ng	-0.01
38) Acenaphthene-d10	15.07	164	1079484	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	2555387	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	2652248	20.00	ng	-0.02
86) Perylene-d12	24.37	264	1473279	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	1738150	71.10	ng	-0.01
7) Phenol-d6	7.58	99	1459879	39.43	ng	-0.01
23) Nitrobenzene-d5	9.64	82	3543183	110.25	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	1751483	163.92	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	8001636	104.47	ng	-0.02
78) Terphenyl-d14	20.35	244	11196601	113.99	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.63	70	452039	18.22	ng	# 68
32) Benzoic acid	10.46	122	1496	10.60	ng	# 80
47) 2-Nitroaniline	14.50	65	1560	4.95	ng	# 1
50) 2,6-Dinitrotoluene	15.07	165	140437	7.54	ng	# 21
55) 4-Nitrophenol	15.46	139	117	4.98	ng	# 61
56) 2,4-Dinitrotoluene	15.07	165	140437	8.99	ng	# 19
64) 4,6-Dinitro-2-methylphenol	16.53	198	6225	9.13	ng	# 1
66) 4-Bromophenyl-phenylether	16.54	248	126494	5.21	ng	# 1
76) Benzidine	20.35	184	191659	2.27	ng	# 92
79) Butylbenzylphthalate	21.02	149	253	5.38	ng	# 54
83) Bis(2-ethylhexyl)phthalate	21.77	149	6396	2.95	ng	# 94
84) Di-n-octyl phthalate	22.75	149	740	6.73	ng	# 69

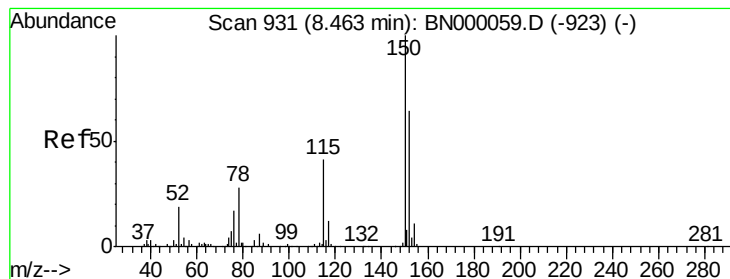
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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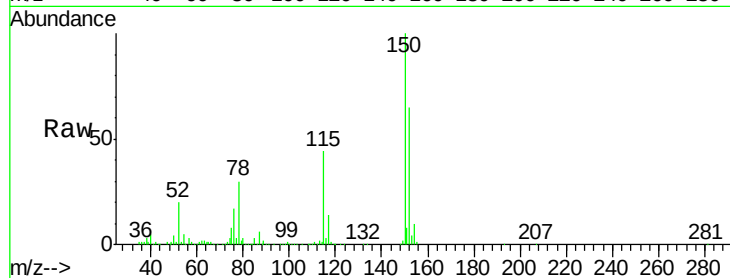


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.01 min
Lab File: BN000119.D
Acq: 19 Feb 2018 20:29

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.6	189.8
115	66.8	53.0	79.4

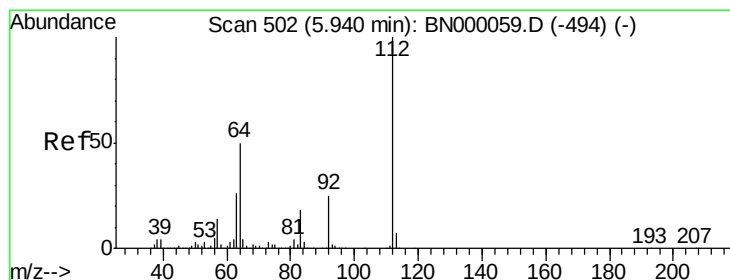
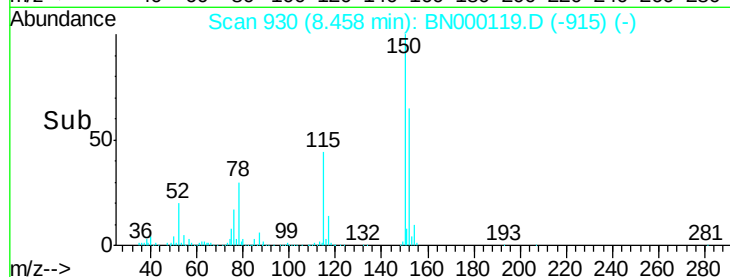
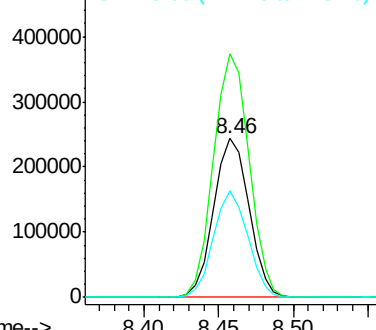


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

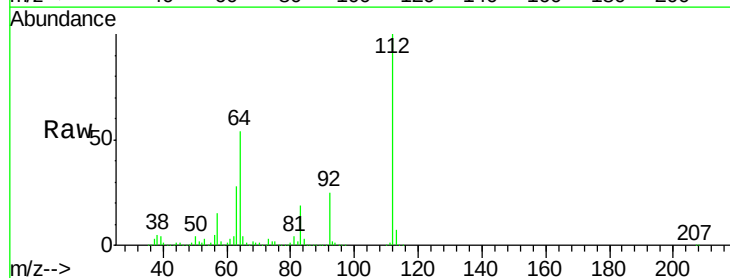
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 71.10 ng
RT: 5.93 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN000119.D
Acq: 19 Feb 2018 20:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	56.3	84.5#
63	27.5	30.1	45.1#

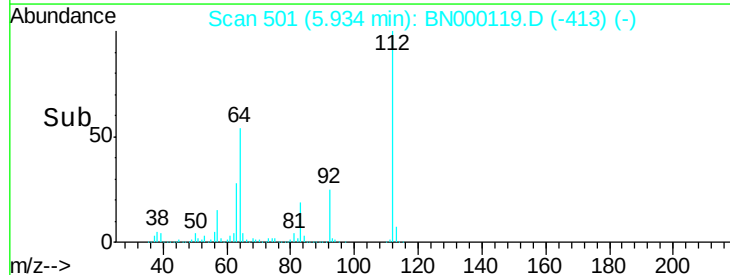
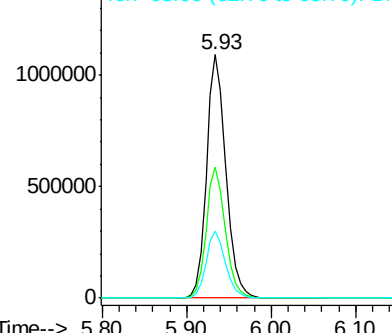


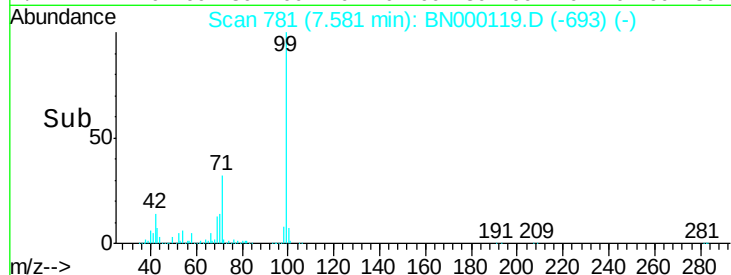
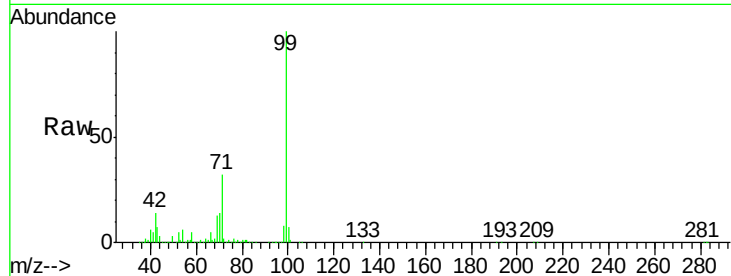
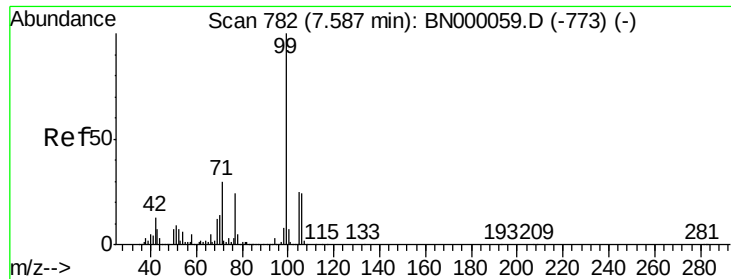
Abundance

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: 39.43 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000119.D

Acq: 19 Feb 2018 20:29

Instrument :

BNA_N

ClientSampleId :

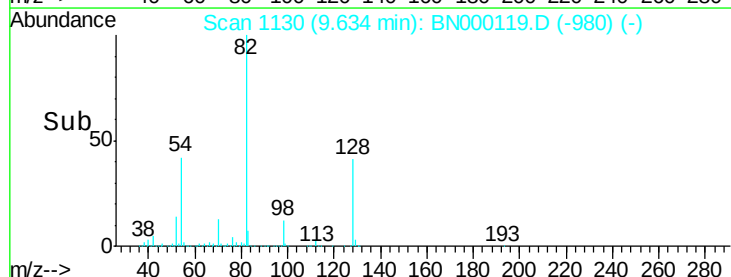
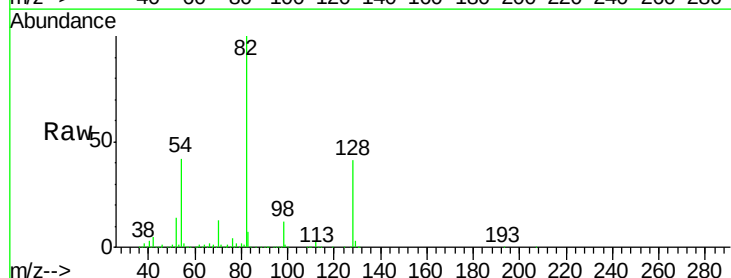
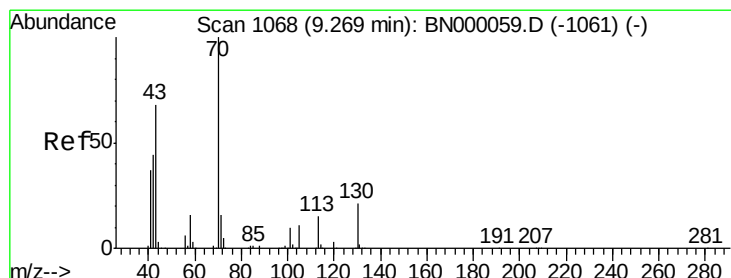
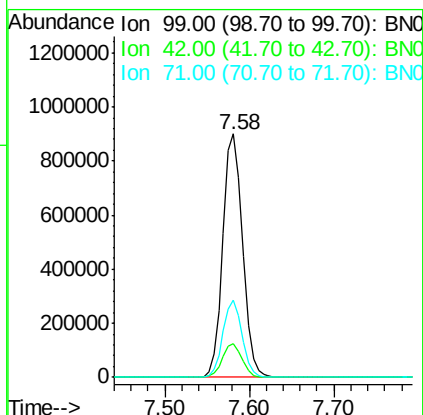
Tot Ion: 99 Resp: 1459879

Ion Ratio Lower Upper

99 100

42 14.0 14.1 21.1#

71 31.7 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 18.22 ng

RT: 9.63 min Scan# 1130

Delta R.T. 0.35 min

Lab File: BN000119.D

Acq: 19 Feb 2018 20:29

Tgt Ion: 70 Resp: 452039

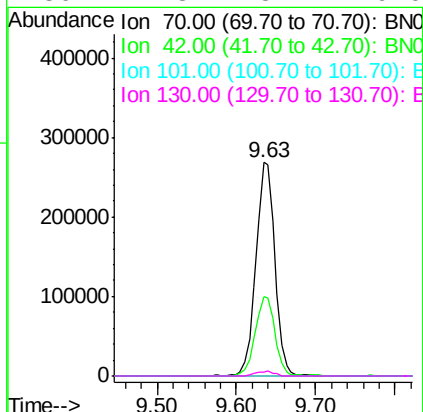
Ion Ratio Lower Upper

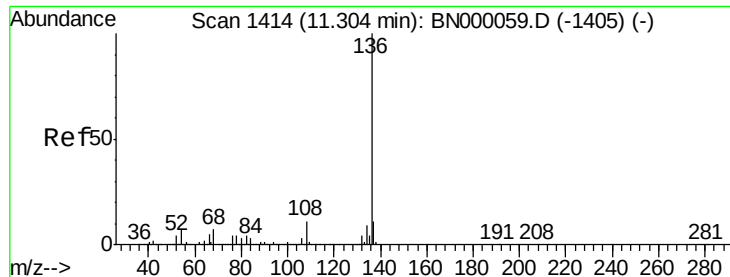
70 100

42 37.0 49.1 73.7#

101 0.0 8.5 12.7#

130 1.8 13.4 20.0#

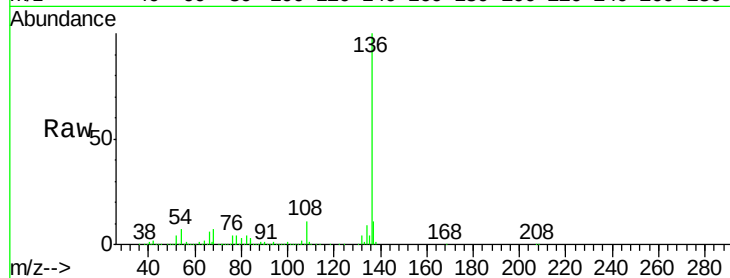




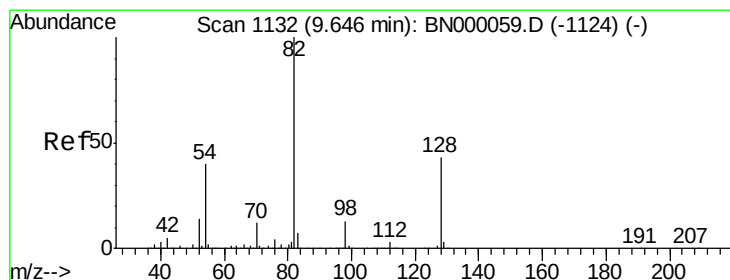
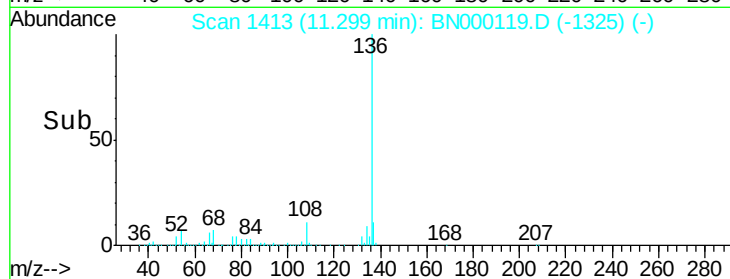
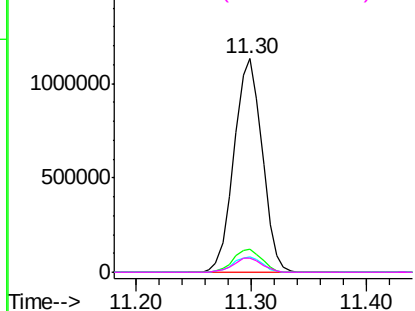
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.30 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BN000119.D
Acq: 19 Feb 2018 20:29

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136	Resp: 1910821
Ion Ratio	Lower Upper
136 100	
137 10.7	9.2 13.8
54 7.2	10.3 15.5#
68 6.7	4.5 6.7

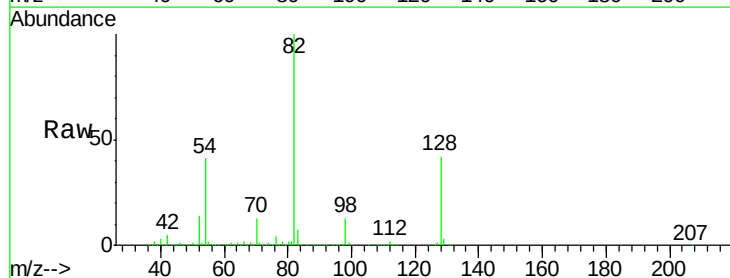


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

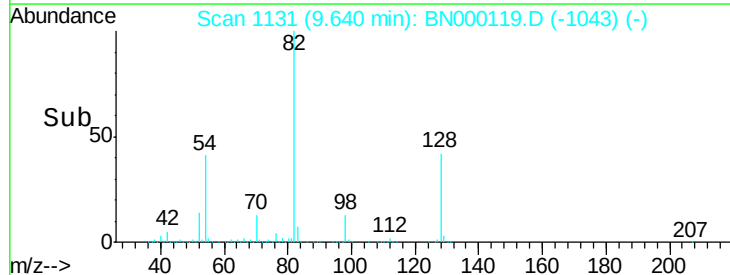
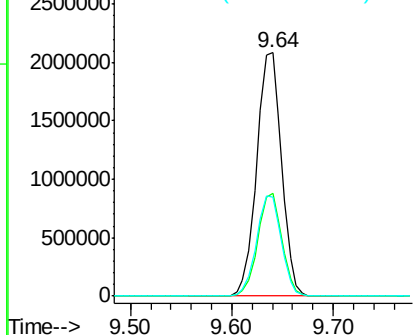


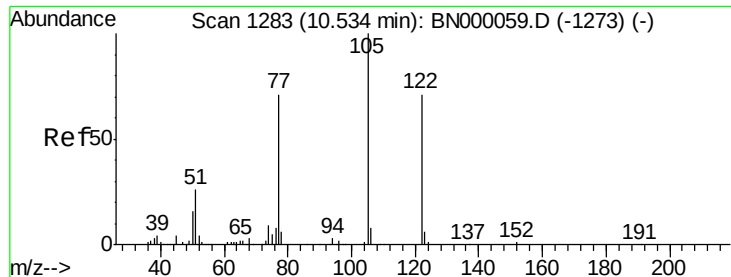
#23
Nitrobenzene-d5
Concen: 110.25 ng
RT: 9.64 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BN000119.D
Acq: 19 Feb 2018 20:29

Tgt	Ion: 82	Resp: 3543183	
Ion	Ratio	Lower	Upper
82	100		
128	42.0	29.7	44.5
54	40.7	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

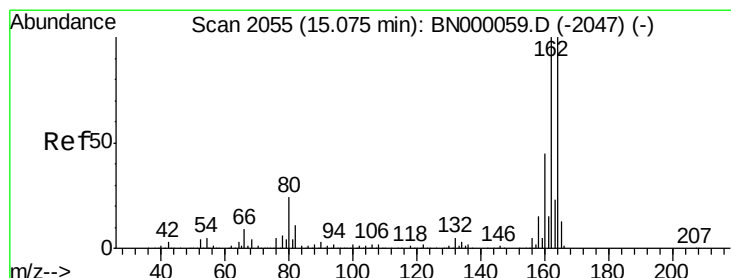
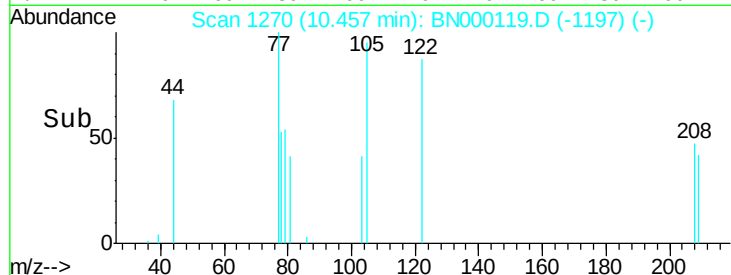
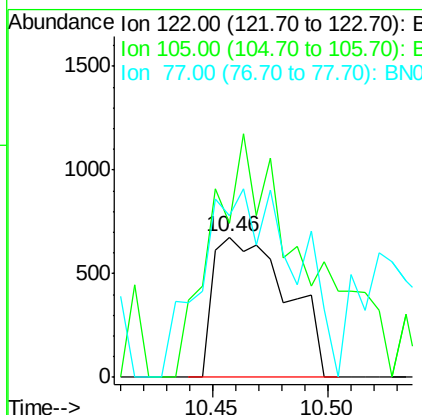
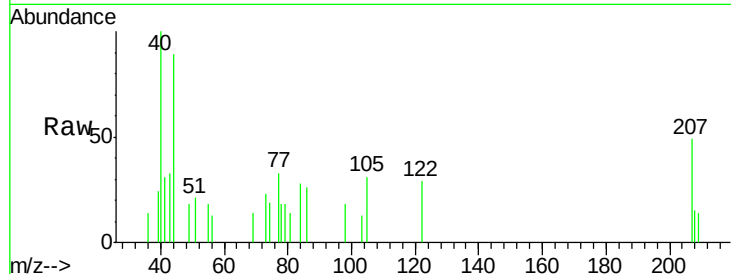




#32
Benzoic acid
Concen: 10.60 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.10 min
Lab File: BN000119.D
Acq: 19 Feb 2018 20:29

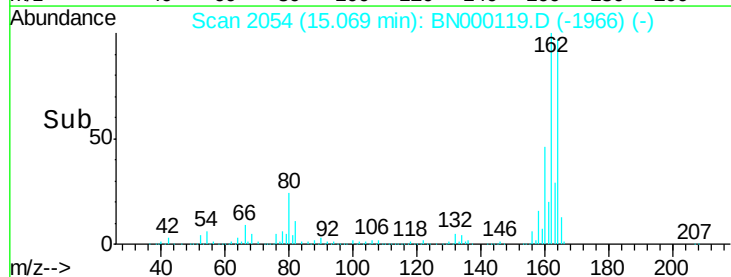
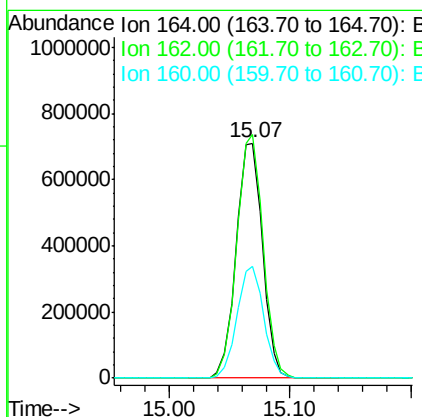
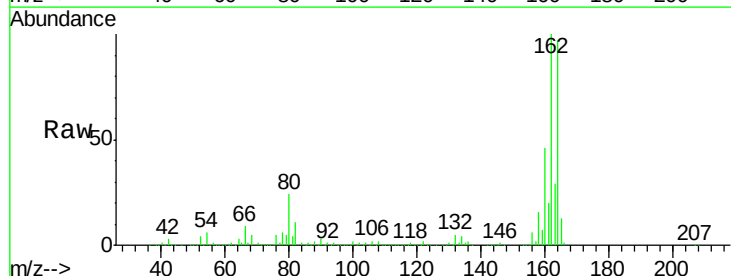
Instrument :
BNA_N
ClientSampleId :

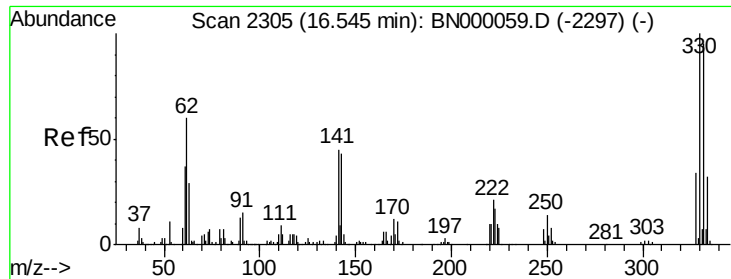
Tot Ion:122 Resp: 1496
Ion Ratio Lower Upper
122 100
105 109.9 123.5 163.5#
77 115.5 85.7 125.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BN000119.D
Acq: 19 Feb 2018 20:29

Tgt Ion:164 Resp: 1079484
Ion Ratio Lower Upper
164 100
162 103.6 78.8 118.2
160 47.4 35.4 53.0

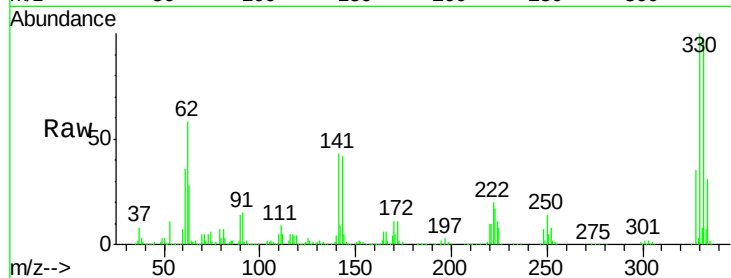




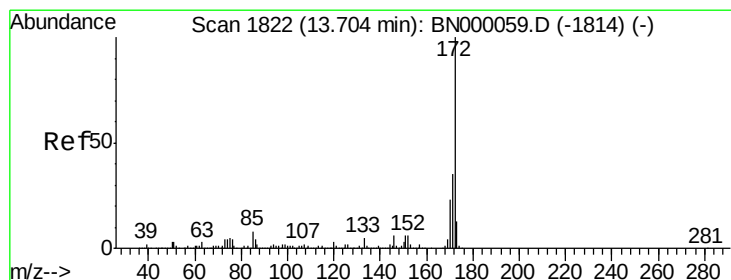
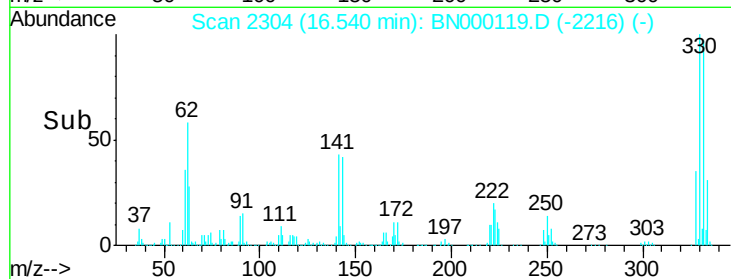
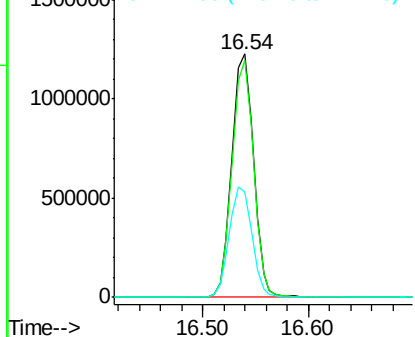
#41
 2,4,6-Tribromophenol
 Concen: 163.92 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BN000119.D
 Acq: 19 Feb 2018 20:29

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 1751483
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 47.5 25.2 37.8#

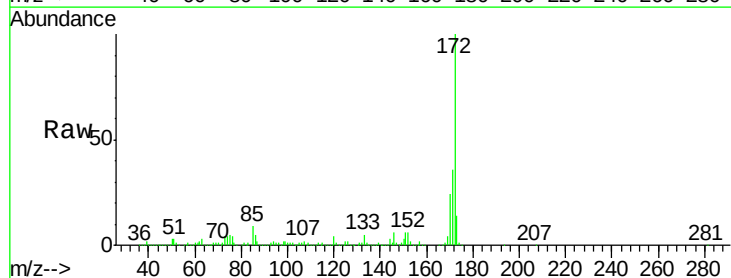


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

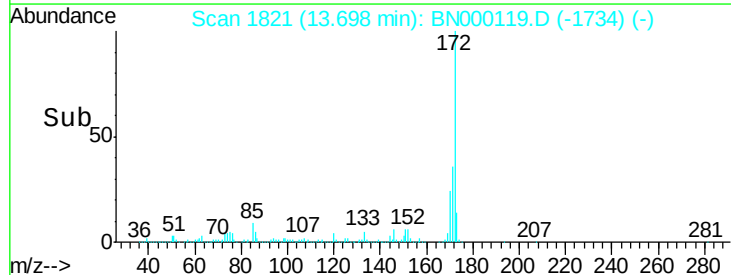
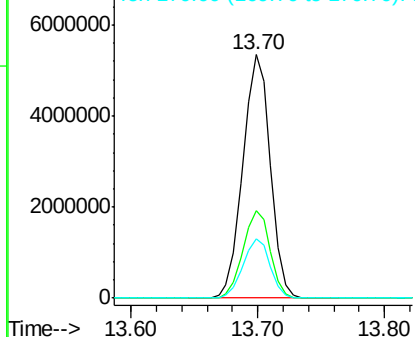


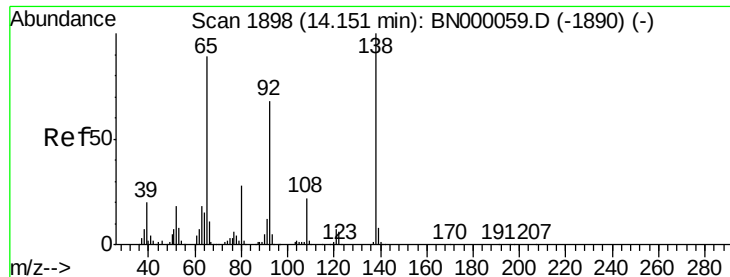
#44
 2-Fluorobiphenyl
 Concen: 104.47 ng
 RT: 13.70 min Scan# 1821
 Delta R.T. -0.02 min
 Lab File: BN000119.D
 Acq: 19 Feb 2018 20:29

Tgt Ion:172 Resp: 8001636
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.0 45.0
 170 24.2 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

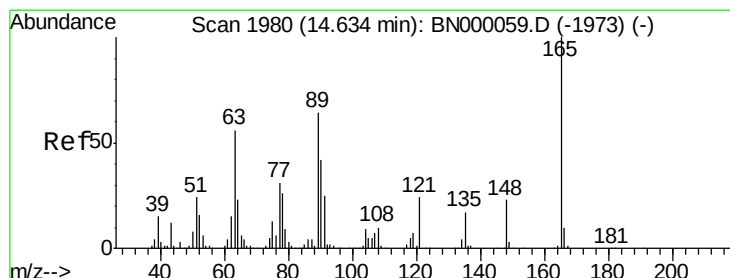
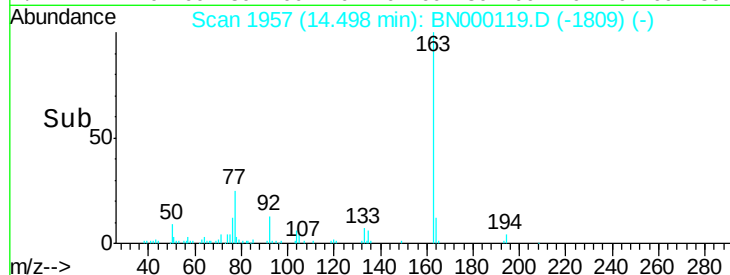
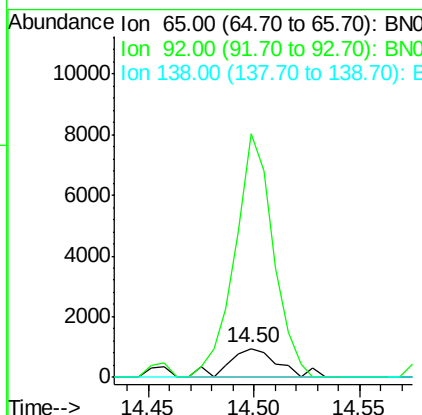
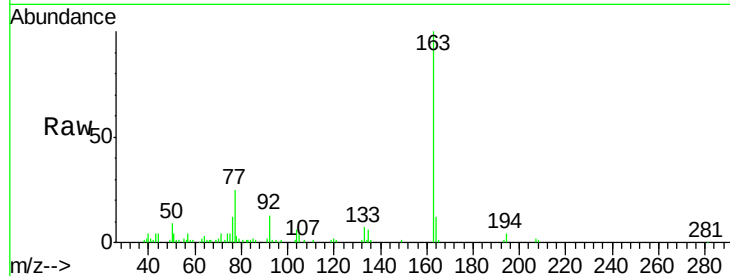




#47
2-Nitroaniline
Concen: 4.95 ng
RT: 14.50 min Scan# 1957
Delta R.T. 0.34 min
Lab File: BN000119.D
Acq: 19 Feb 2018 20:29

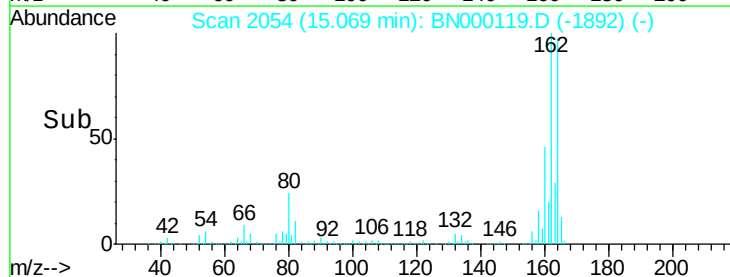
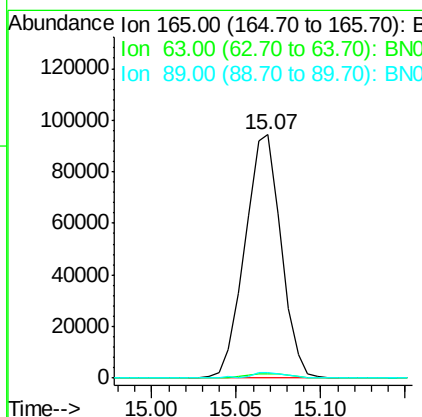
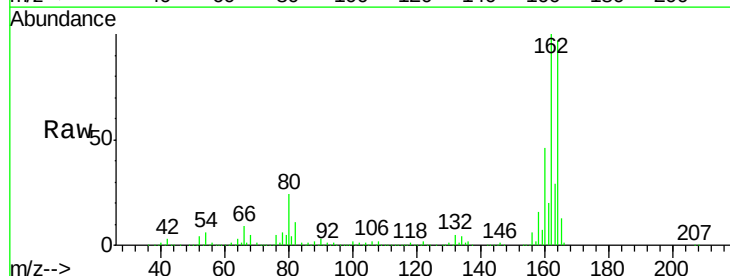
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BNA_N
ClientSampleId :

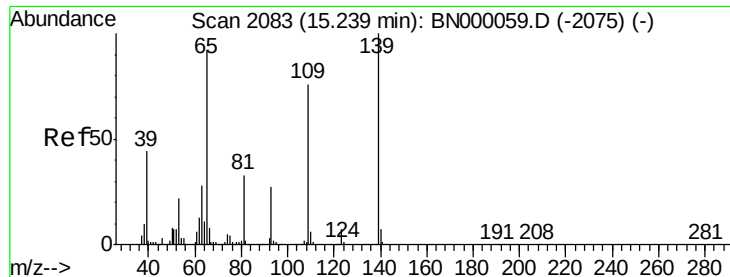
Tot Ion	65	Resp	1560
Ion Ratio	Lower	Upper	
65	100		
92	844.7	54.6	82.0#
138	0.0	72.9	109.3#



#50
2,6-Dinitrotoluene
Concen: 7.54 ng
RT: 15.07 min Scan# 2054
Delta R.T. 0.42 min
Lab File: BN000119.D
Acq: 19 Feb 2018 20:29

Tgt Ion	165	Resp	140437
Ion Ratio	Lower	Upper	
165	100		
63	1.5	52.7	79.1#
89	2.3	49.2	73.8#

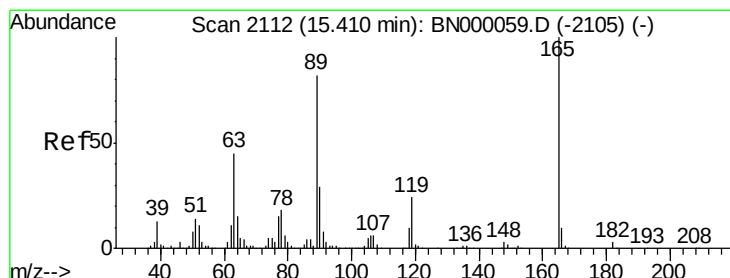
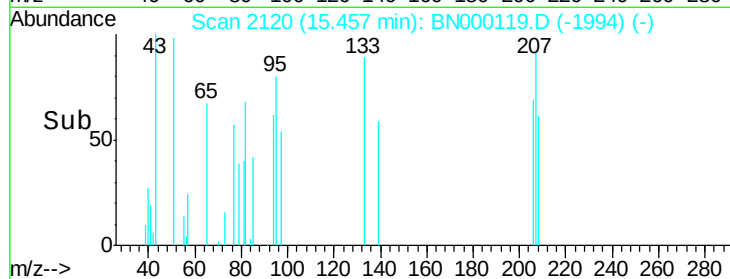
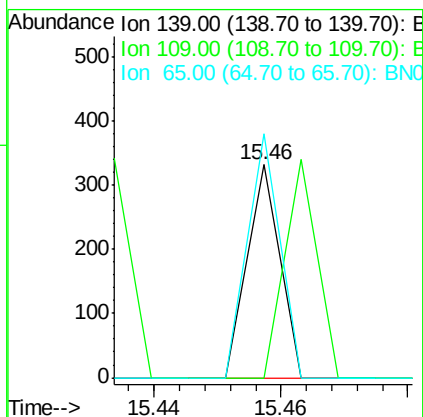
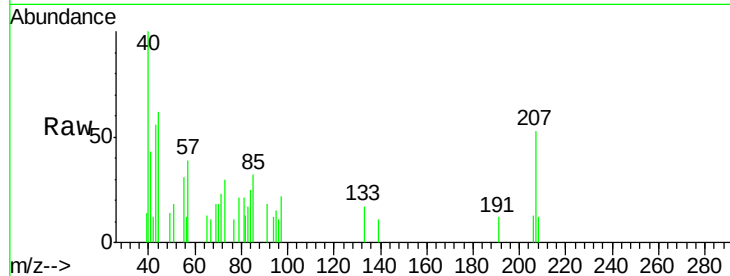




#55
4-Nitrophenol
Concen: 4.98 ng
RT: 15.46 min Scan# 2120
Delta R.T. 0.21 min
Lab File: BN000119.D
Acq: 19 Feb 2018 20:29

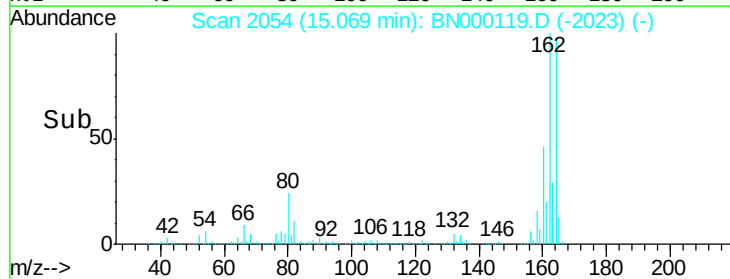
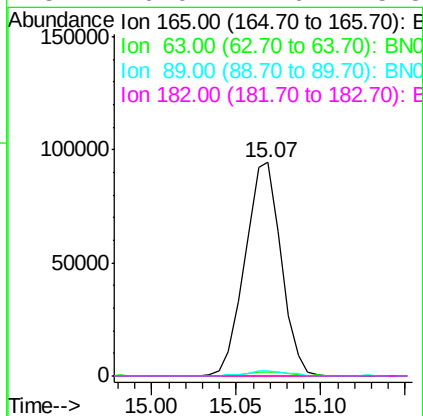
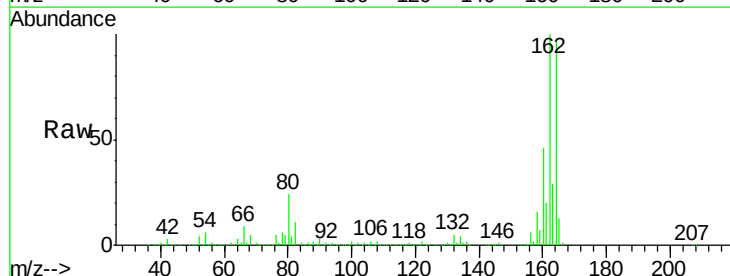
Instrument :
BNA_N
ClientSampleId :

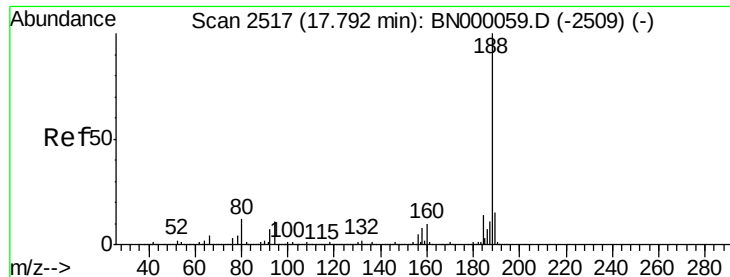
Tot Ion:139 Resp: 117
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 114.5 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 8.99 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.35 min
Lab File: BN000119.D
Acq: 19 Feb 2018 20:29

Tgt Ion:165 Resp: 140437
Ion Ratio Lower Upper
165 100
63 1.5 42.0 63.0#
89 2.3 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: BN000119.D

Acq: 19 Feb 2018 20:29

Instrument :

BNA_N

ClientSampled :

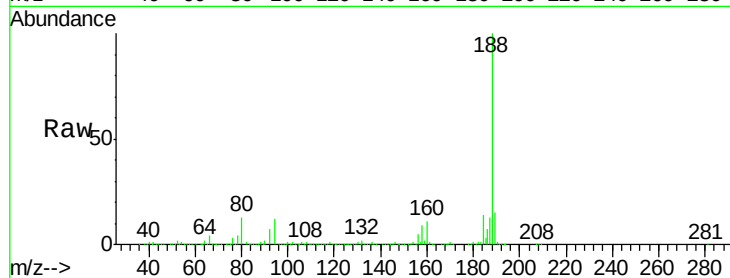
Tot Ion:188 Resp: 2555387

Ion Ratio Lower Upper

188 100

94 12.2 6.9 10.3#

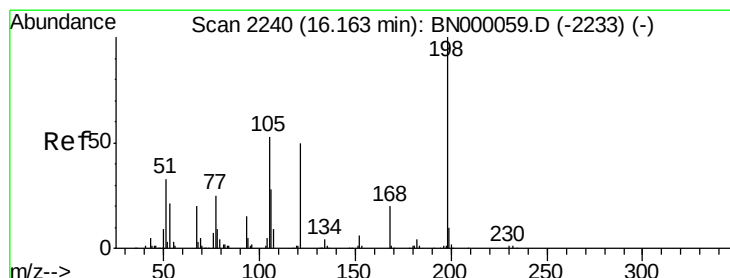
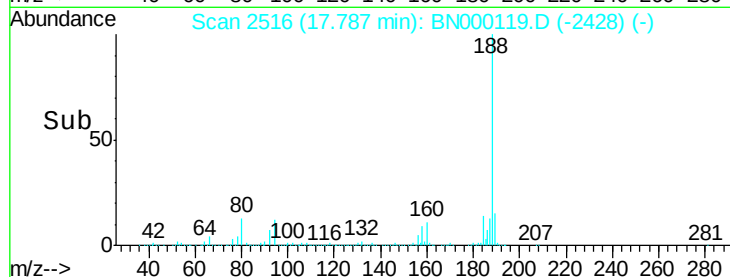
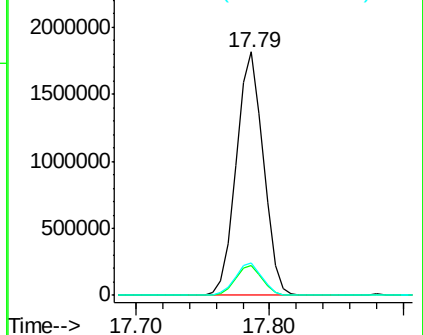
80 13.3 7.7 11.5#



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: 9.13 ng

RT: 16.53 min Scan# 2303

Delta R.T. 0.36 min

Lab File: BN000119.D

Acq: 19 Feb 2018 20:29

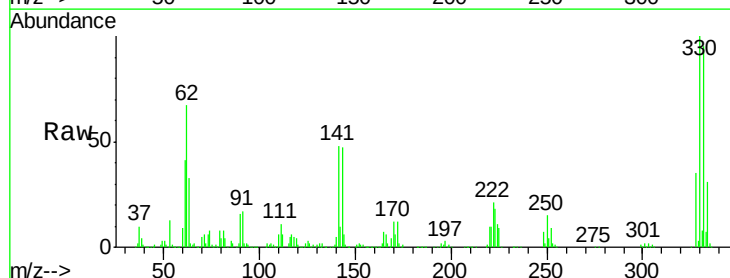
Tgt Ion:198 Resp: 6225

Ion Ratio Lower Upper

198 100

51 142.6 30.6 70.6#

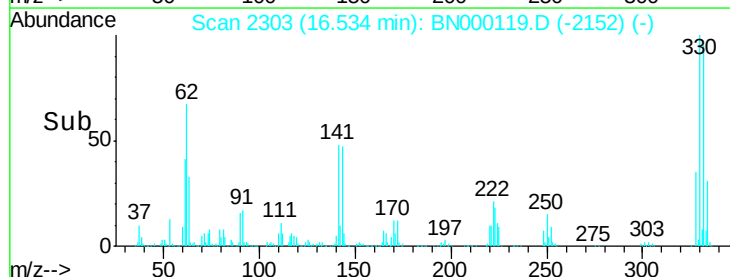
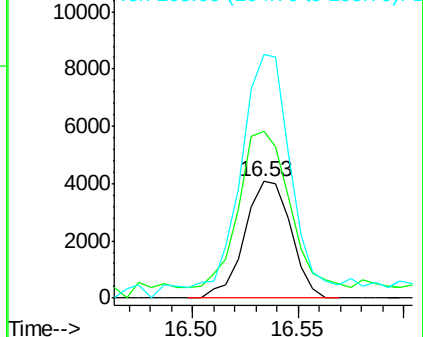
105 208.4 23.8 63.8#

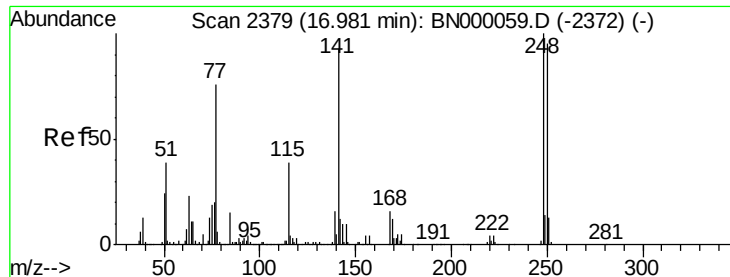


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

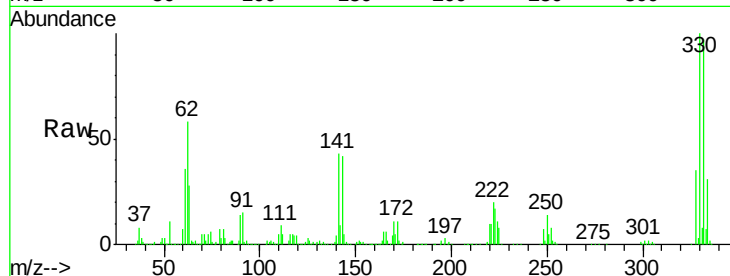




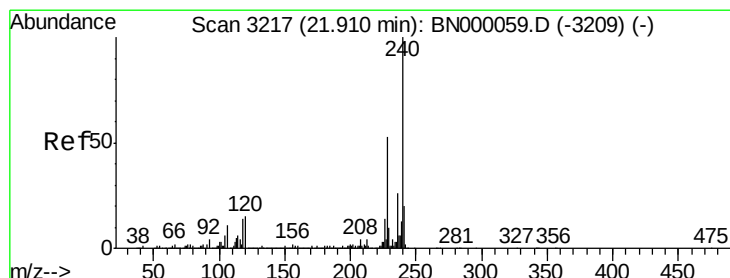
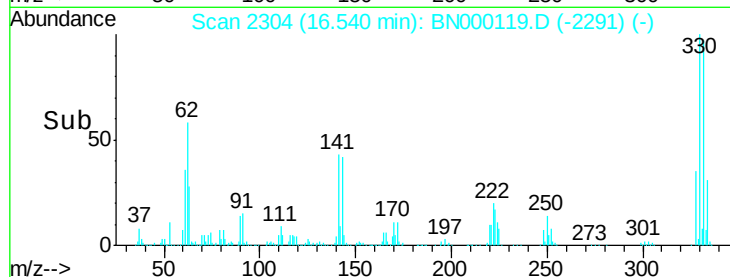
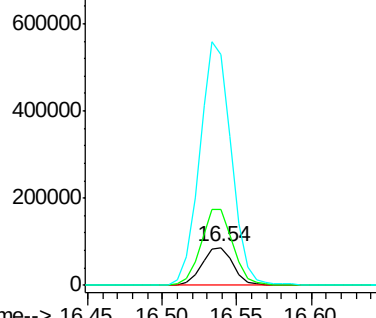
#66
4-Bromophenyl-phenylether
Concen: 5.21 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.45 min
Lab File: BN000119.D
Acq: 19 Feb 2018 20:29

Instrument :
BNA_N
ClientSampleId :

Tot Ion:248 Resp: 126494
Ion Ratio Lower Upper
248 100
250 200.0 77.1 115.7#
141 605.3 50.8 76.2#

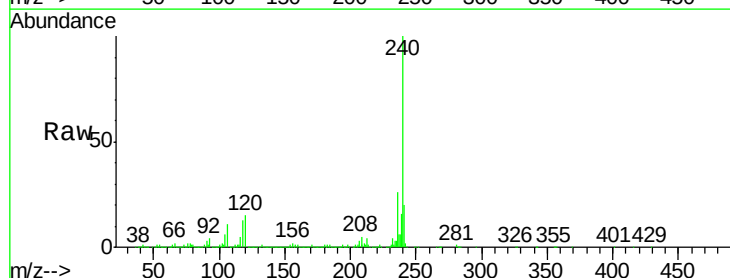


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

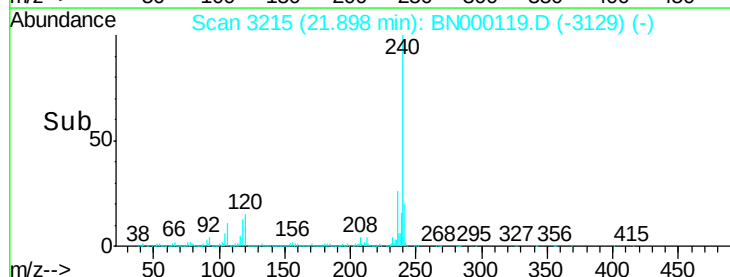
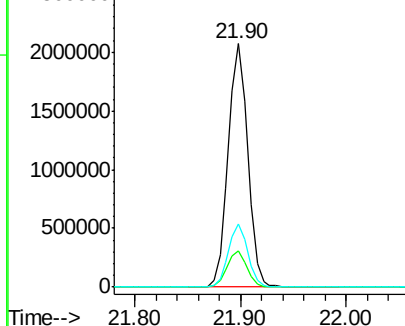


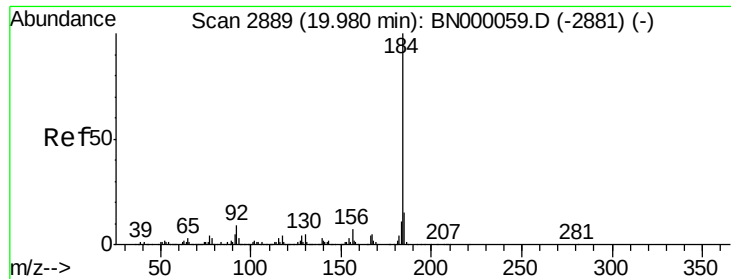
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.90 min Scan# 3215
Delta R.T. -0.02 min
Lab File: BN000119.D
Acq: 19 Feb 2018 20:29

Tgt Ion:240 Resp: 2652248
Ion Ratio Lower Upper
240 100
120 15.0 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

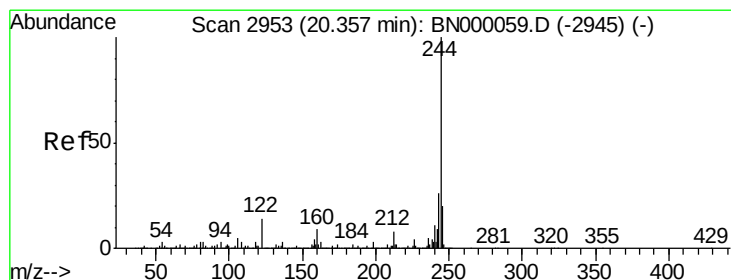
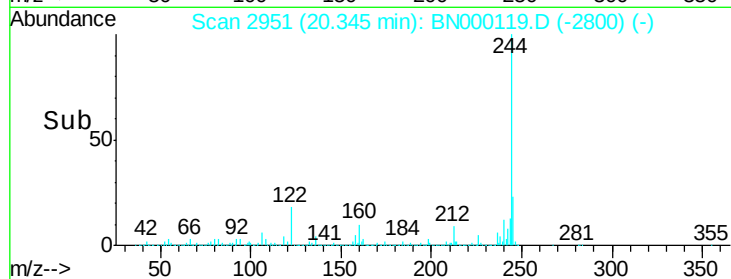
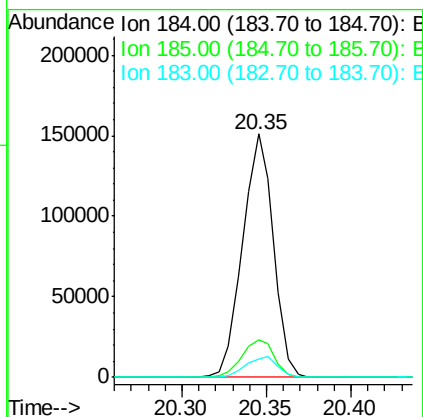
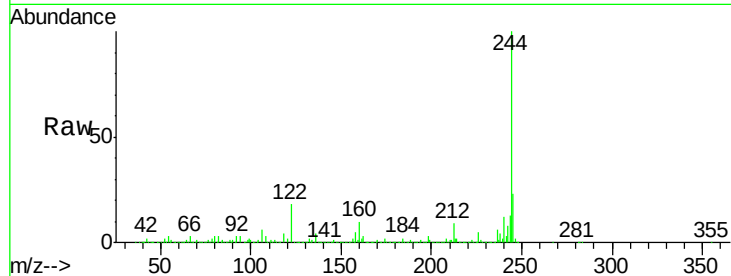




#76
Benzidine
Concen: 2.27 ng
RT: 20.35 min Scan# 2951
Delta R.T. 0.36 min
Lab File: BN000119.D
Acq: 19 Feb 2018 20:29

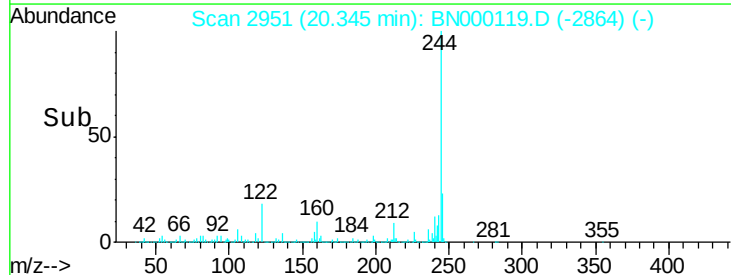
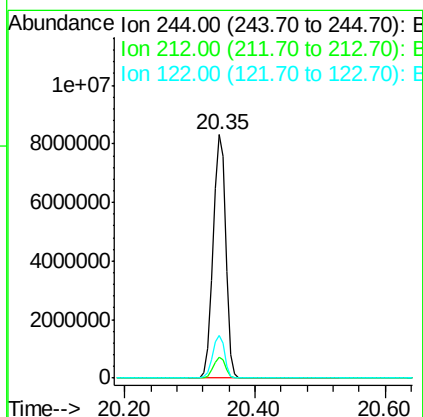
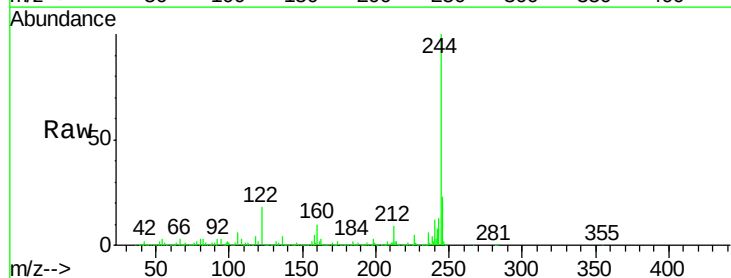
Instrument :
BNA_N
ClientSampleId :

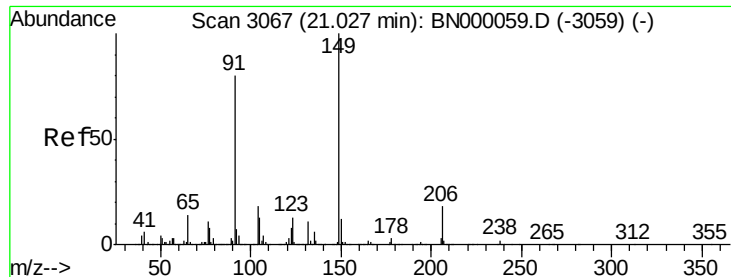
Tot Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.1	16.7
183	7.7	10.6	16.0



#78
Terphenyl-d14
Concen: 113.99 ng
RT: 20.35 min Scan# 2951
Delta R.T. -0.02 min
Lab File: BN000119.D
Acq: 19 Feb 2018 20:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8
122	17.7	7.0	10.4

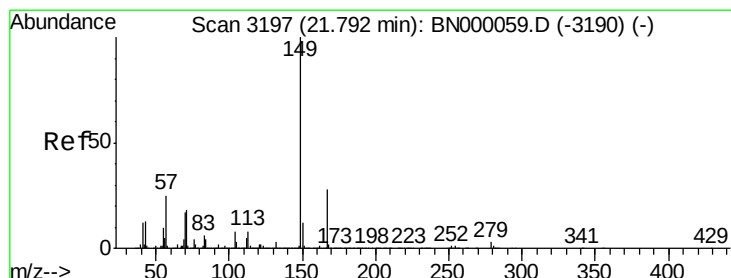
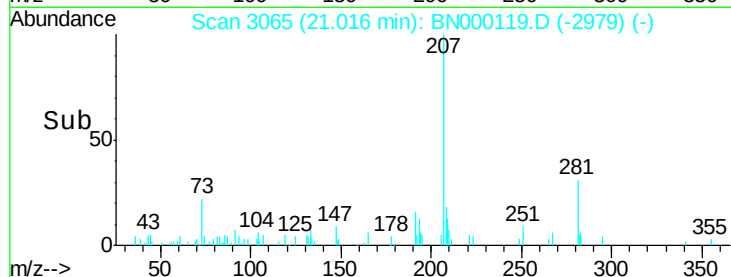
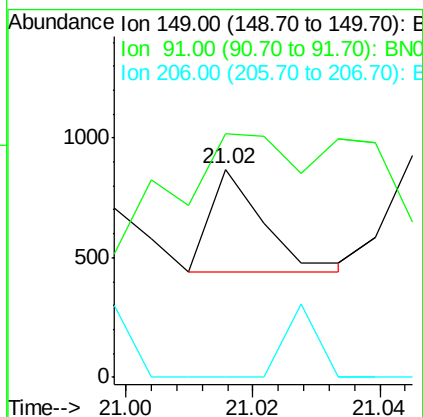
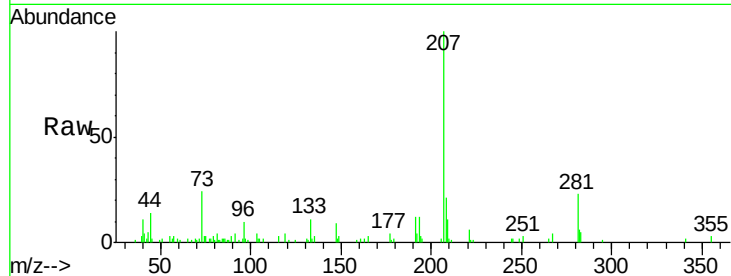




#79
 Butylbenzylphthalate
 Concen: 5.38 ng
 RT: 21.02 min Scan# 3065
 Delta R.T. -0.02 min
 Lab File: BN000119.D
 Acq: 19 Feb 2018 20:29

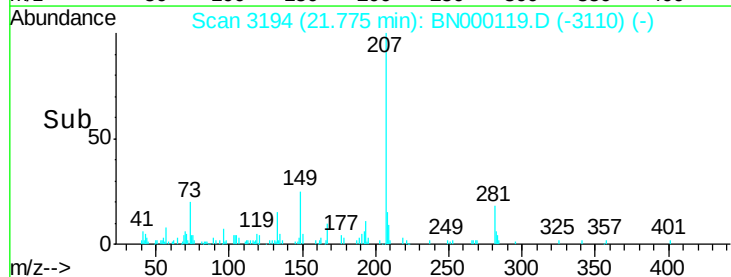
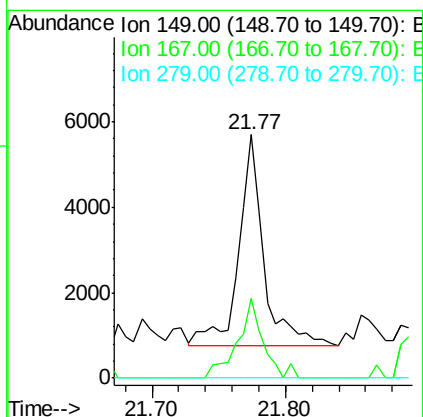
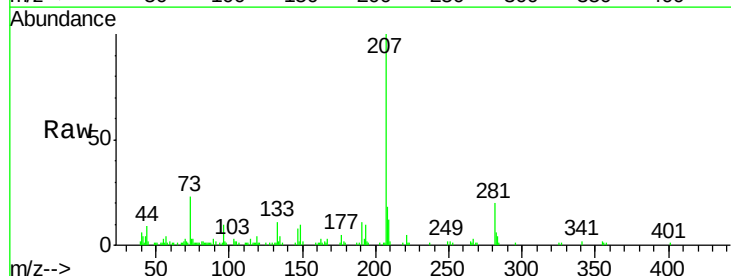
Instrument :
 BNA_N
 ClientSampleId :

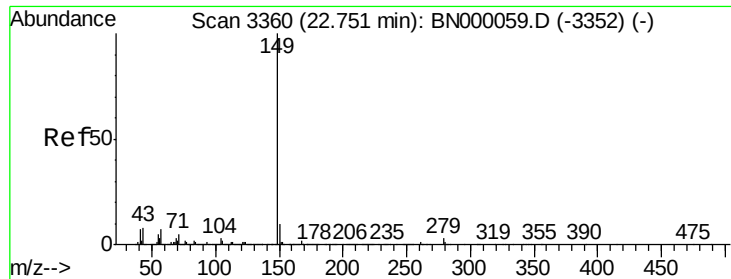
Tot Ion	Ratio	Lower	Upper
149	100		
91	117.1	62.2	93.2#
206	0.0	18.6	27.8#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.95 ng
 RT: 21.77 min Scan# 3194
 Delta R.T. -0.03 min
 Lab File: BN000119.D
 Acq: 19 Feb 2018 20:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.5	24.3	36.5
279	0.0	4.0	6.0#

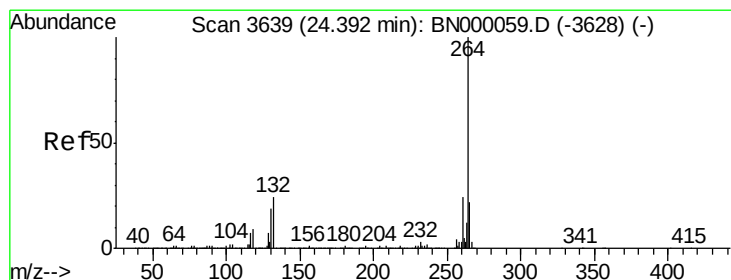
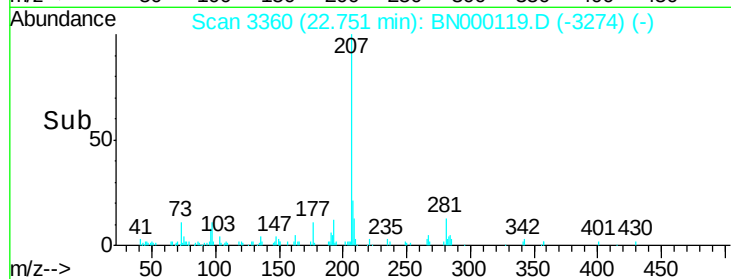
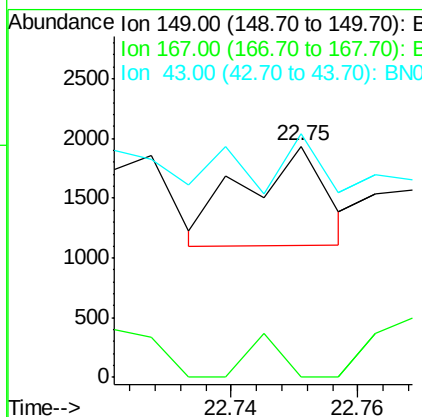
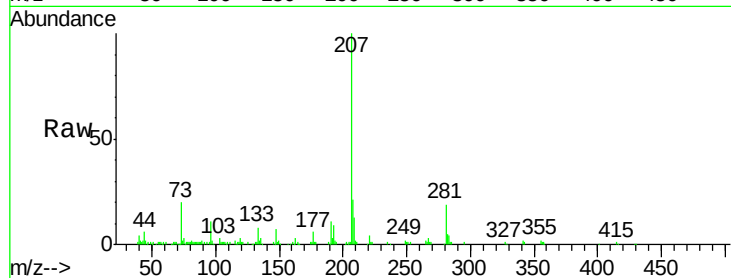




#84
Di-n-octyl phthalate
Concen: 6.73 ng
RT: 22.75 min Scan# 3360
Delta R.T. -0.02 min
Lab File: BN000119.D
Acq: 19 Feb 2018 20:29

Instrument :
BNA_N
ClientSampled :

Tot Ion:149 Resp: 740
Ion Ratio Lower Upper
149 100
167 17.3 1.4 2.0#
43 0.0 8.9 13.3#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.37 min Scan# 3636
Delta R.T. -0.04 min
Lab File: BN000119.D
Acq: 19 Feb 2018 20:29

Tgt Ion:264 Resp: 1473279
Ion Ratio Lower Upper
264 100
260 28.8 17.4 26.0#
265 20.8 17.7 26.5

