

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
 Data File : BN000117.D
 Acq On : 19 Feb 2018 19:21
 Operator : JU/SJ
 Sample : J1573-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 20 03:11:27 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

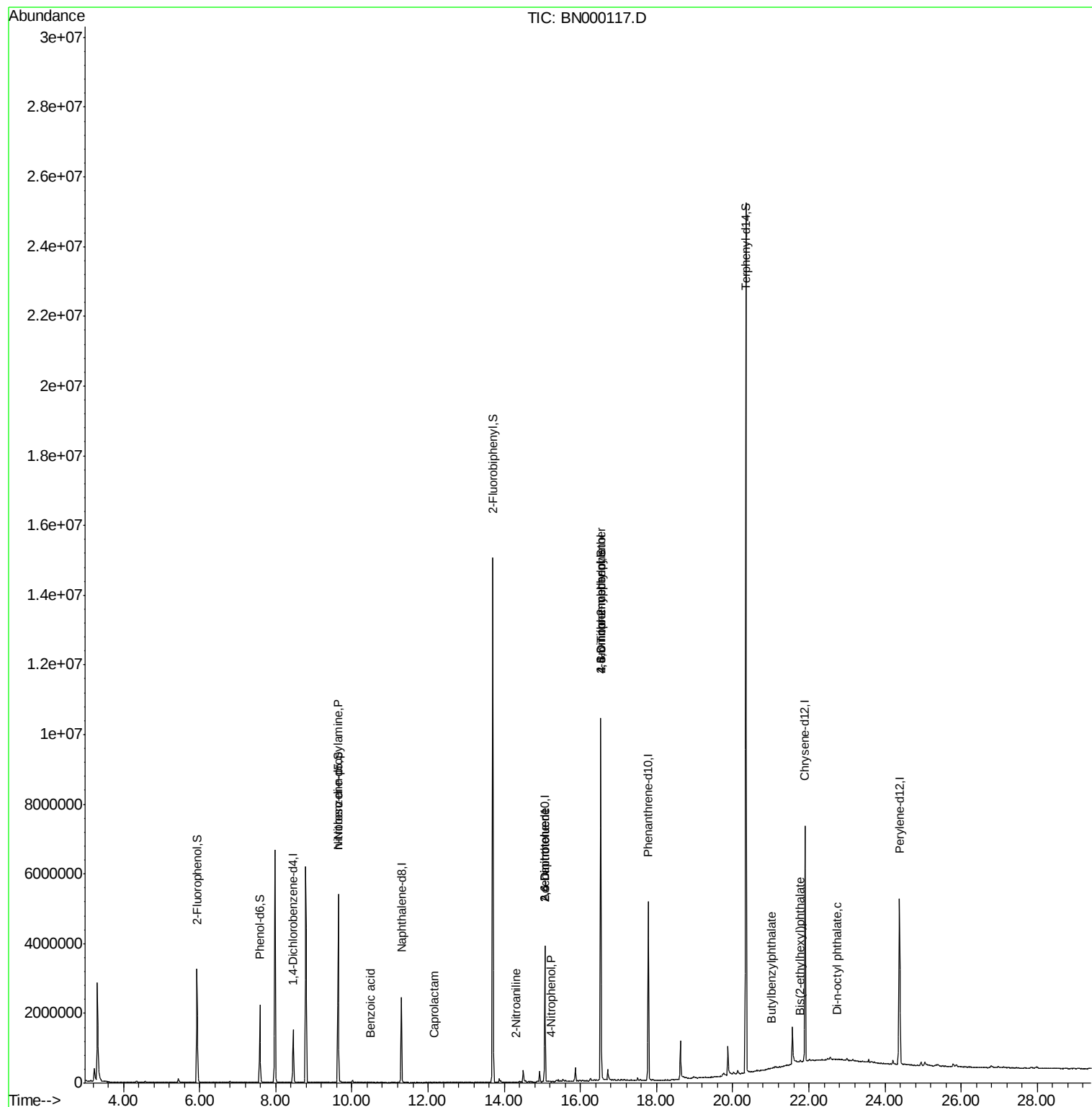
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	411294	20.00	ng	-0.01
21) Naphthalene-d8	11.30	136	2043930	20.00	ng	-0.01
38) Acenaphthene-d10	15.07	164	1205951	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	2758870	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	2993644	20.00	ng	-0.02
86) Perylene-d12	24.38	264	3347801	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	1634564	64.77	ng	-0.01
7) Phenol-d6	7.58	99	1422112	37.20	ng	-0.01
23) Nitrobenzene-d5	9.64	82	3351001	97.48	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	1625252	136.15	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	7387766	86.34	ng	-0.02
78) Terphenyl-d14	20.34	244	10317916	93.06	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.64	70	423152	16.52	ng	# 68
32) Benzoic acid	10.50	122	257	10.55	ng	# 68
35) Caprolactam	12.17	113	467	4.05	ng	93
47) 2-Nitroaniline	14.31	65	447	4.90	ng	# 9
50) 2,6-Dinitrotoluene	15.07	165	155433	7.47	ng	# 21
55) 4-Nitrophenol	15.24	139	135	4.98	ng	# 21
56) 2,4-Dinitrotoluene	15.07	165	155433	8.95	ng	# 19
64) 4,6-Dinitro-2-methylphenol	16.53	198	5867	9.07	ng	# 1
66) 4-Bromophenyl-phenylether	16.54	248	117138	4.46	ng	# 1
79) Butylbenzylphthalate	21.02	149	2326	5.40	ng	# 1
83) Bis(2-ethylhexyl)phthalate	21.77	149	16582	3.02	ng	96
84) Di-n-octyl phthalate	22.73	149	2105	6.74	ng	# 1

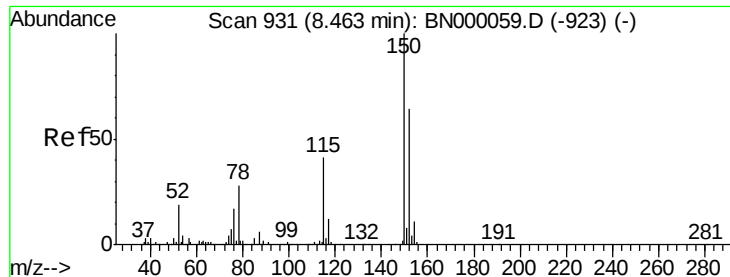
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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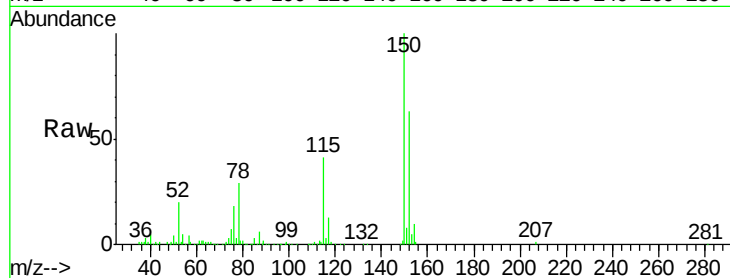


#1

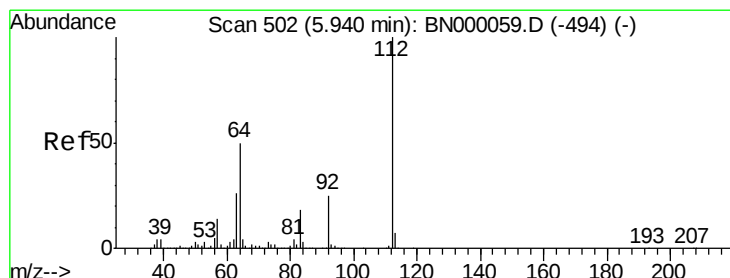
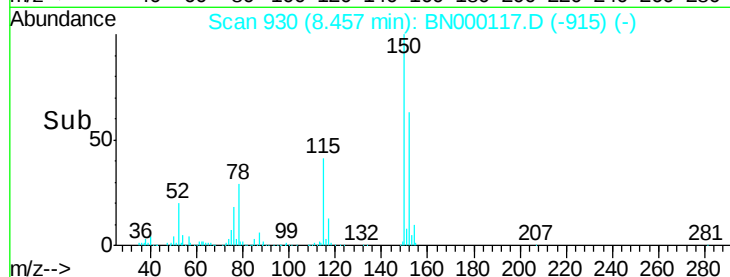
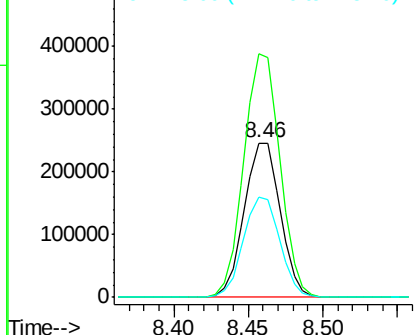
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.01 min
Lab File: BN000117.D
Acq: 19 Feb 2018 19:21

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.6	189.8
115	65.3	53.0	79.4



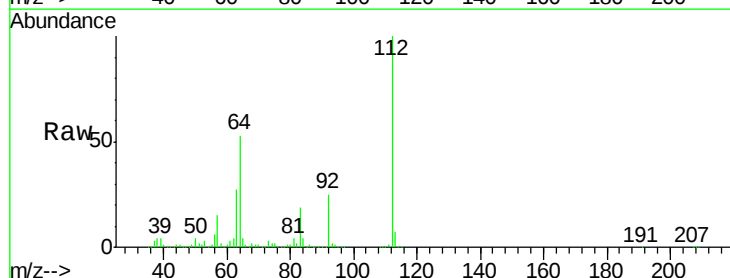
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



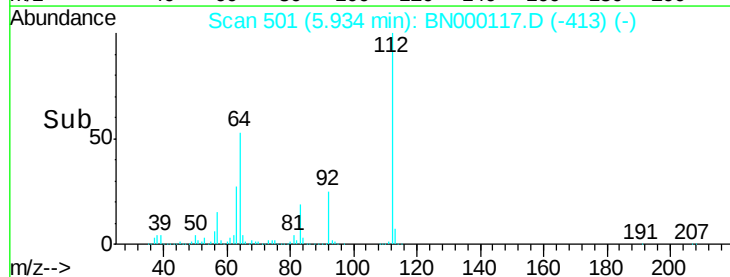
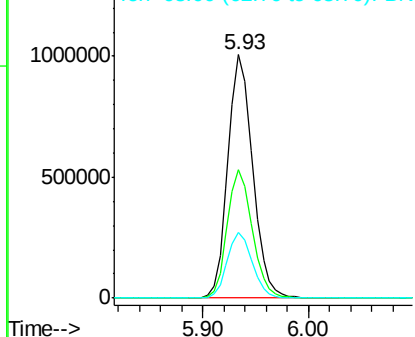
#5

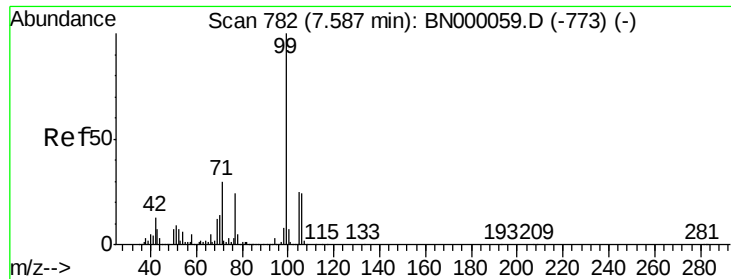
2-Fluorophenol
Concen: 64.77 ng
RT: 5.93 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN000117.D
Acq: 19 Feb 2018 19:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	56.3	84.5#
63	27.1	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: 37.20 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000117.D

Acq: 19 Feb 2018 19:21

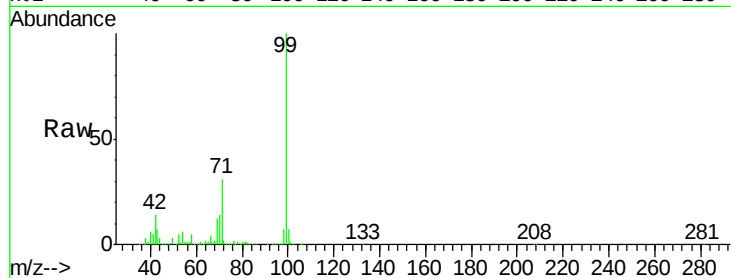
Instrument :

BNA_N

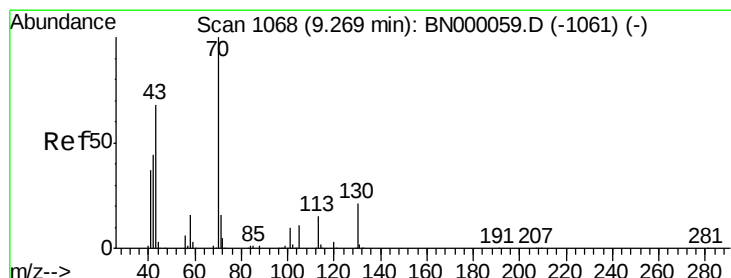
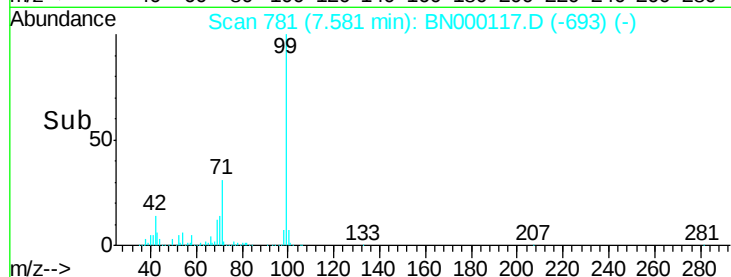
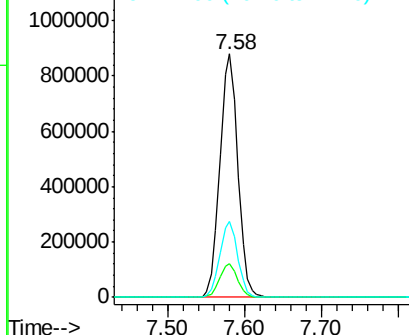
ClientSampleId :

Tot Ion: 99 Resp: 1422112

Ion	Ratio	Lower	Upper
99	100		
42	13.8	14.1	21.1#
71	31.3	26.1	39.1



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#19

n-Nitroso-di-n-propylamine

Concen: 16.52 ng

RT: 9.64 min Scan# 1131

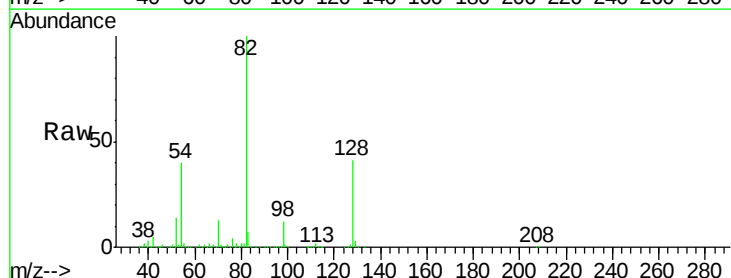
Delta R.T. 0.36 min

Lab File: BN000117.D

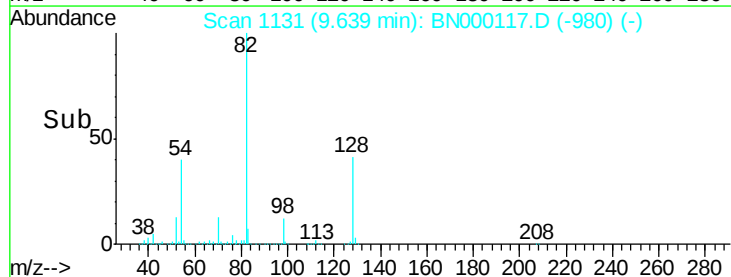
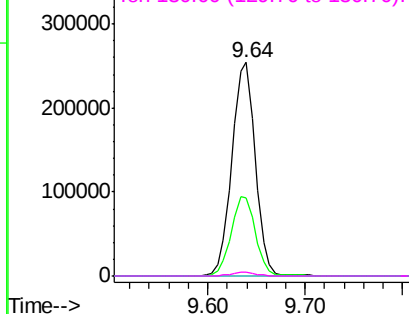
Acq: 19 Feb 2018 19:21

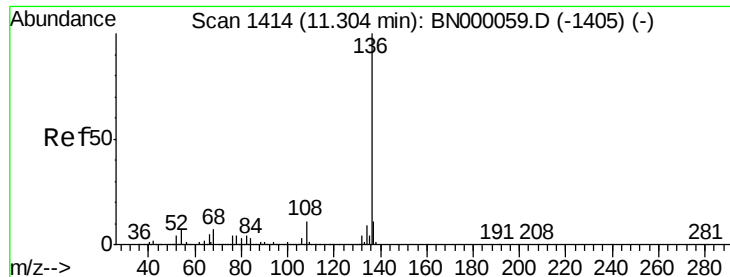
Tgt Ion: 70 Resp: 423152

Ion	Ratio	Lower	Upper
70	100		
42	36.7	49.1	73.7#
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#



Abundance Ion 70.00 (69.70 to 70.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 101.00 (100.70 to 101.70): BN0
Ion 130.00 (129.70 to 130.70): BN0

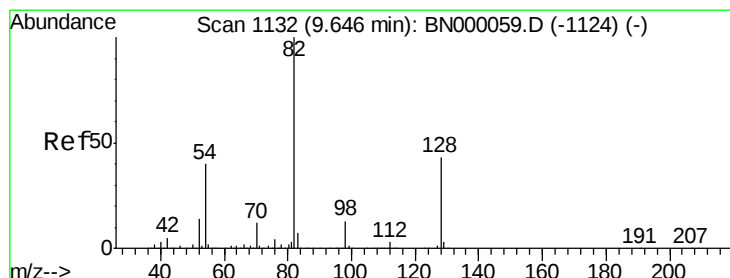
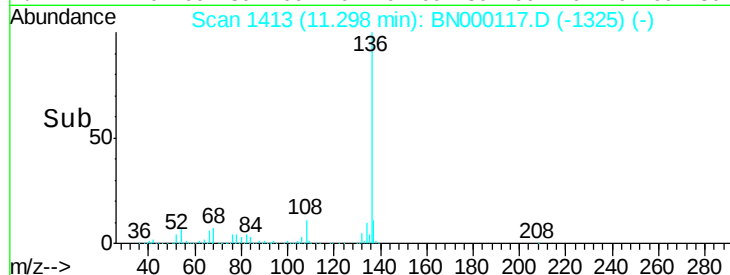
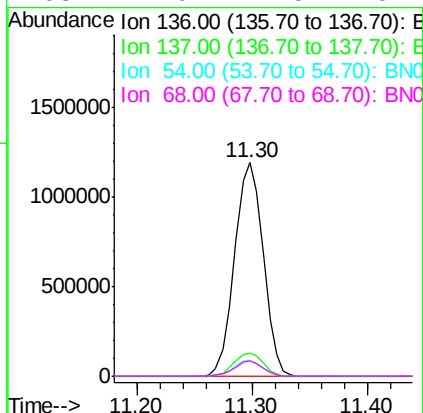
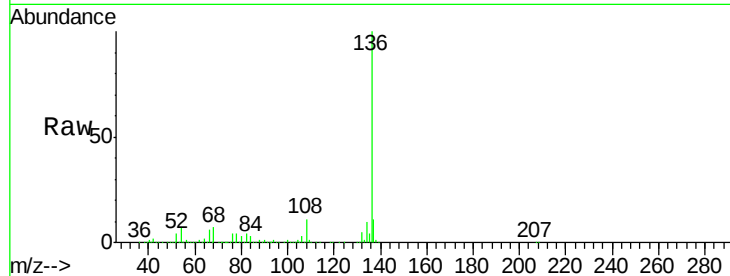




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.30 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BN000117.D
Acq: 19 Feb 2018 19:21

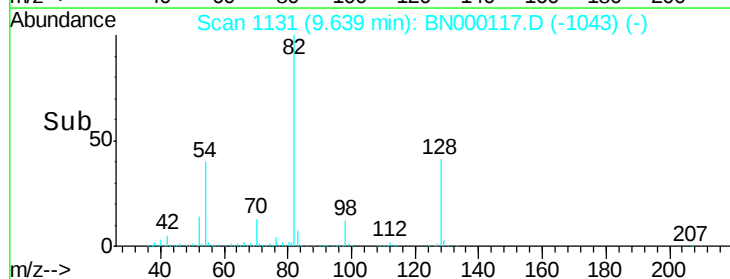
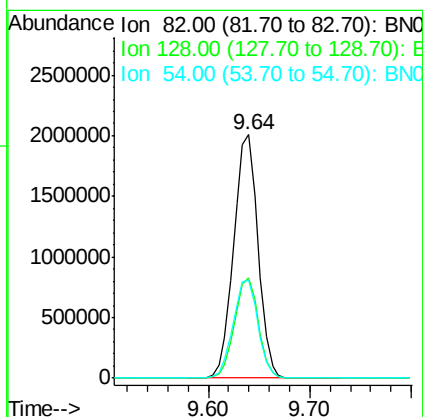
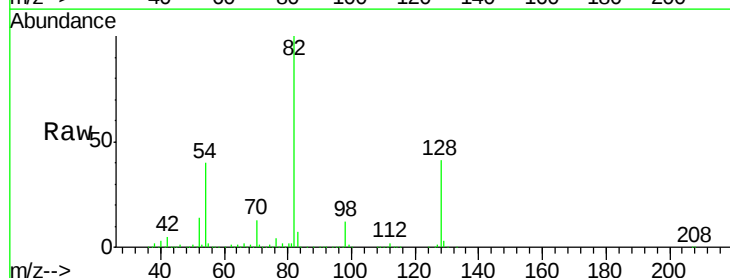
Instrument :
BNA_N
ClientSampleId :

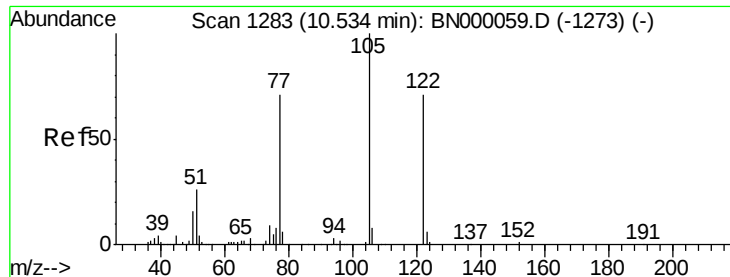
Tot Ion:136	Resp: 2043930
Ion Ratio	Lower Upper
136 100	
137 10.9	9.2 13.8
54 7.4	10.3 15.5#
68 7.0	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 97.48 ng
RT: 9.64 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BN000117.D
Acq: 19 Feb 2018 19:21

Tgt	Ion: 82	Resp: 3351001	
Ion	Ratio	Lower	Upper
82	100		
128	41.3	29.7	44.5
54	39.9	43.1	64.7#

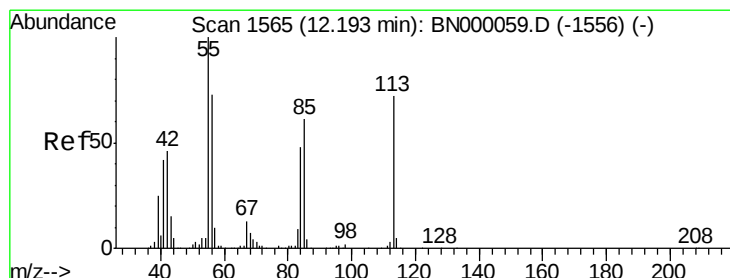
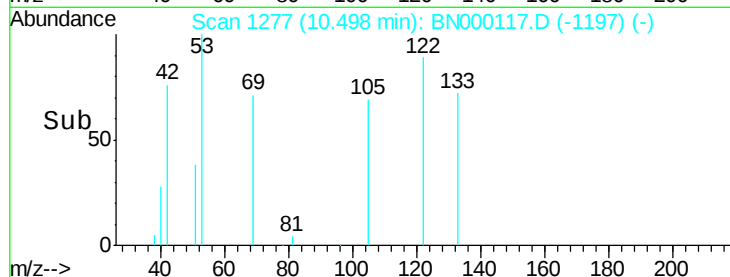
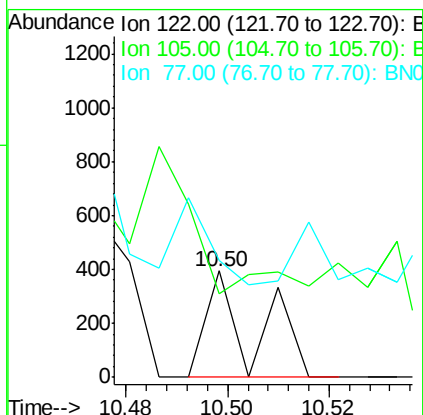
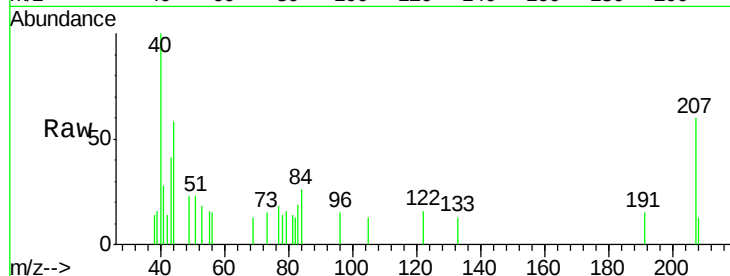




#32
Benzoic acid
Concen: 10.55 ng
RT: 10.50 min Scan# 1277
Delta R.T. -0.06 min
Lab File: BN000117.D
Acq: 19 Feb 2018 19:21

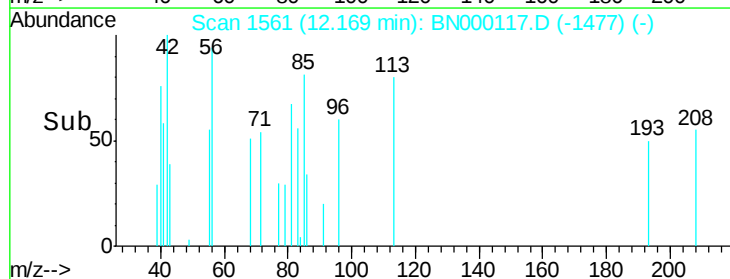
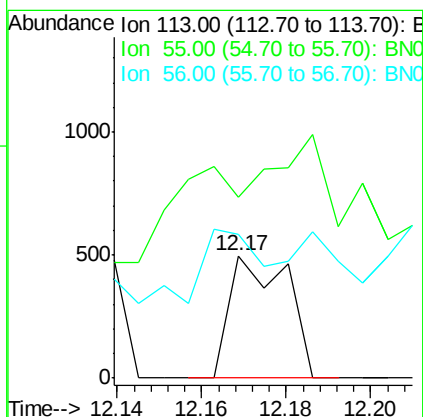
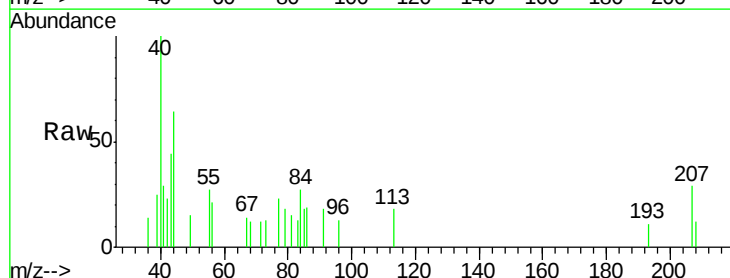
Instrument :
BNA_N
ClientSampleId :

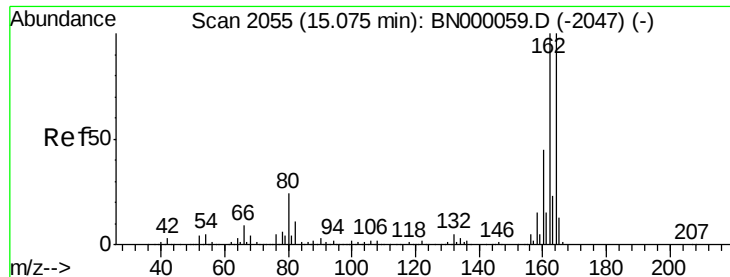
Tot Ion:122 Resp: 257
Ion Ratio Lower Upper
122 100
105 78.2 123.5 163.5#
77 109.9 85.7 125.7



#35
Caprolactam
Concen: 4.05 ng
RT: 12.17 min Scan# 1561
Delta R.T. -0.04 min
Lab File: BN000117.D
Acq: 19 Feb 2018 19:21

Tgt Ion:113 Resp: 467
Ion Ratio Lower Upper
113 100
55 147.9 120.0 160.0
56 117.7 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: BN000117.D

Acq: 19 Feb 2018 19:21

Instrument :

BNA_N

ClientSampleId :

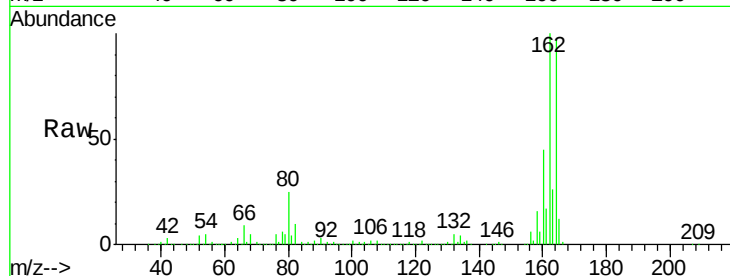
Tot Ion:164 Resp: 1205951

Ion Ratio Lower Upper

164 100

162 103.0 78.8 118.2

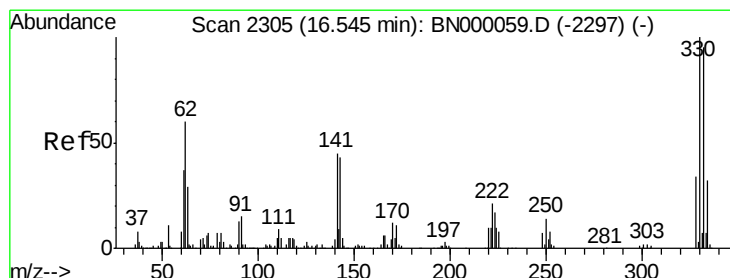
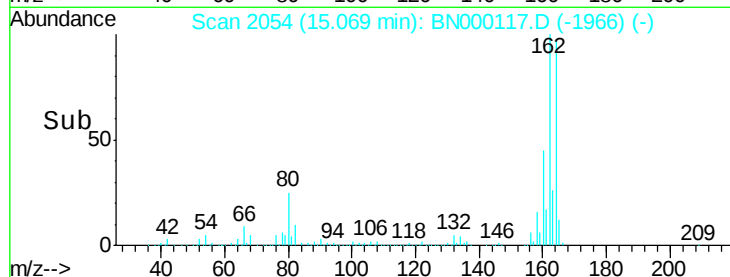
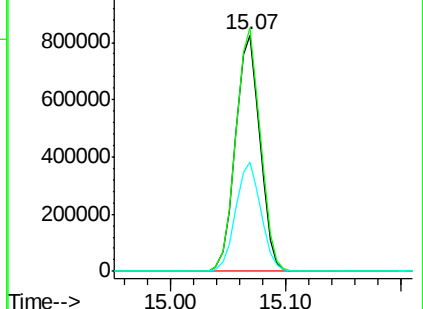
160 46.2 35.4 53.0



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: 136.15 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BN000117.D

Acq: 19 Feb 2018 19:21

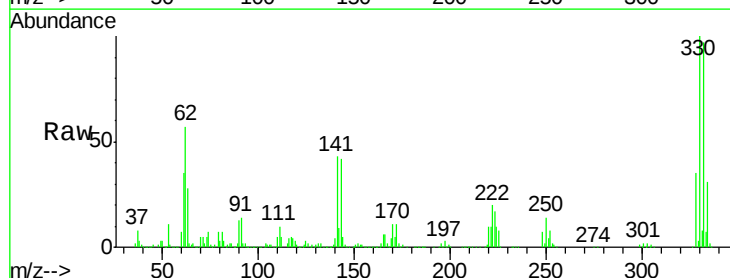
Tgt Ion:330 Resp: 1625252

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

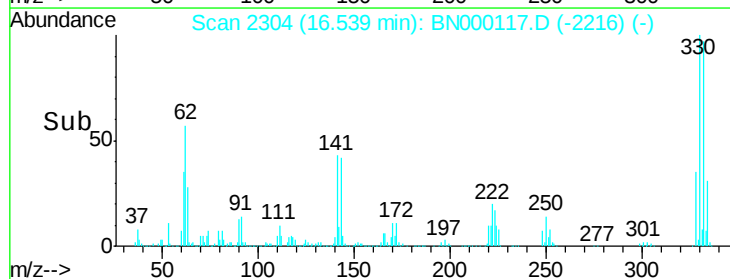
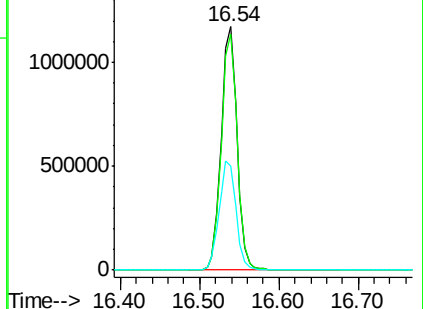
141 47.3 25.2 37.8#

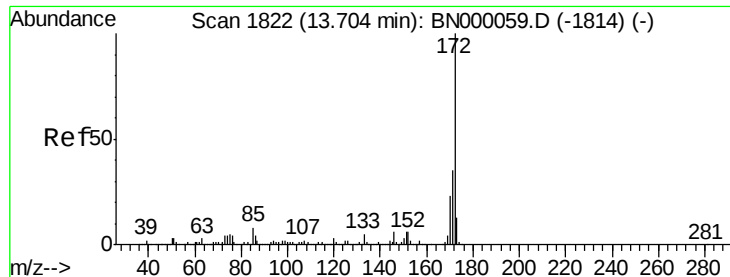


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

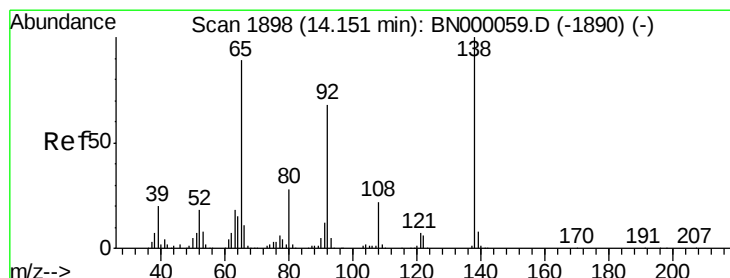
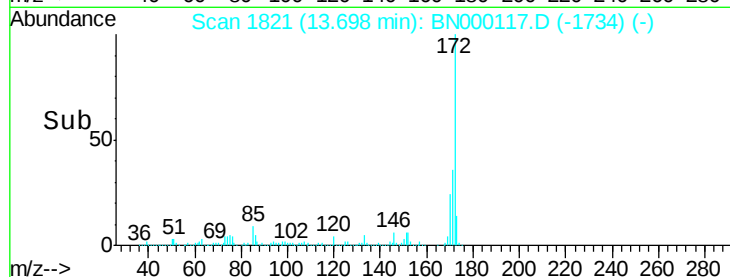
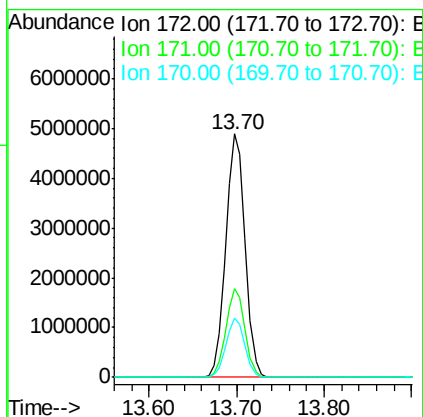
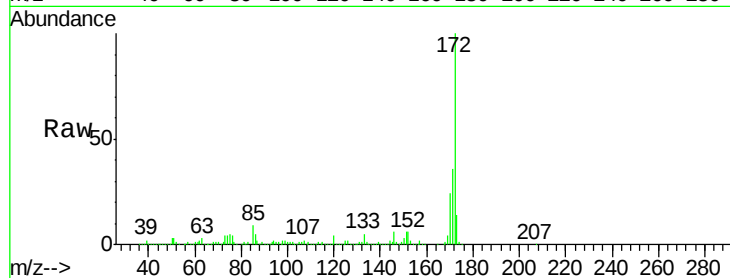




#44
2-Fluorobiphenyl
Concen: 86.34 ng
RT: 13.70 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BN000117.D
Acq: 19 Feb 2018 19:21

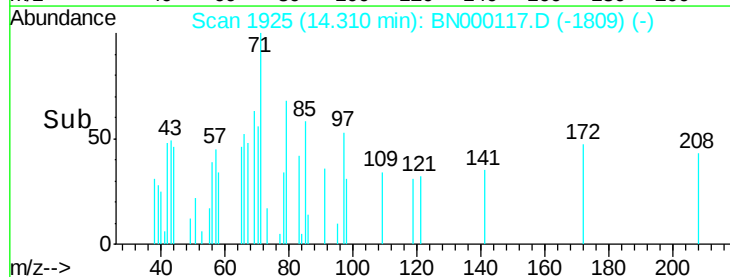
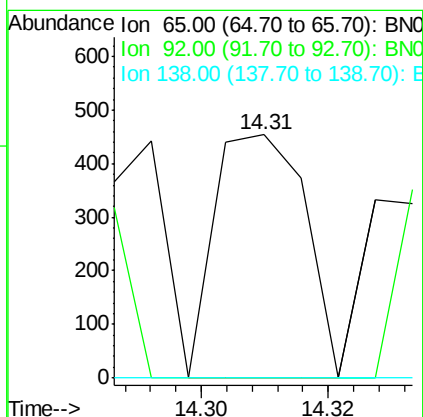
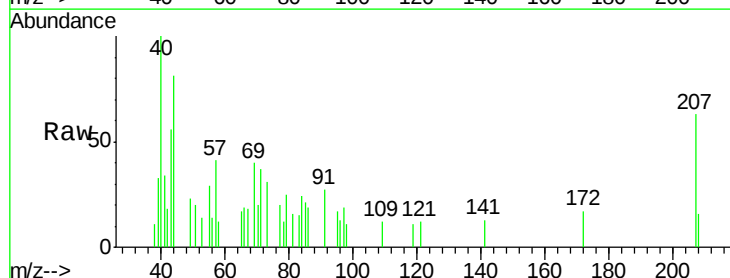
Instrument :
BNA_N
ClientSampled :

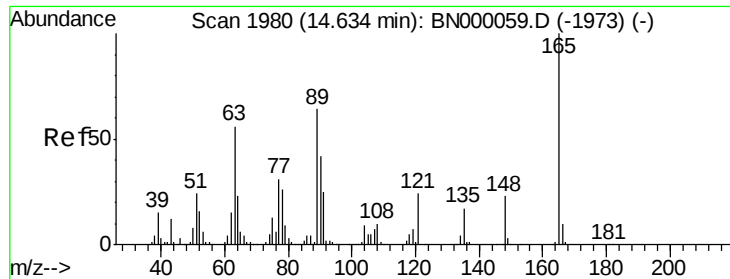
Tot Ion:172 Resp: 7387766
Ion Ratio Lower Upper
172 100
171 36.3 30.0 45.0
170 24.1 19.5 29.3



#47
2-Nitroaniline
Concen: 4.90 ng
RT: 14.31 min Scan# 1925
Delta R.T. 0.15 min
Lab File: BN000117.D
Acq: 19 Feb 2018 19:21

Tgt Ion: 65 Resp: 447
Ion Ratio Lower Upper
65 100
92 0.0 54.6 82.0#
138 0.0 72.9 109.3#

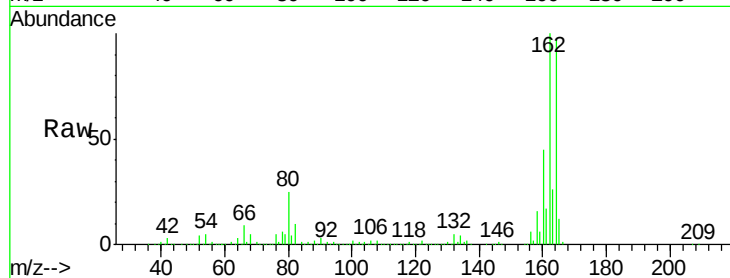




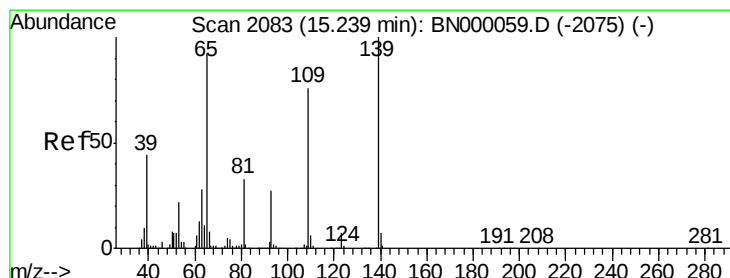
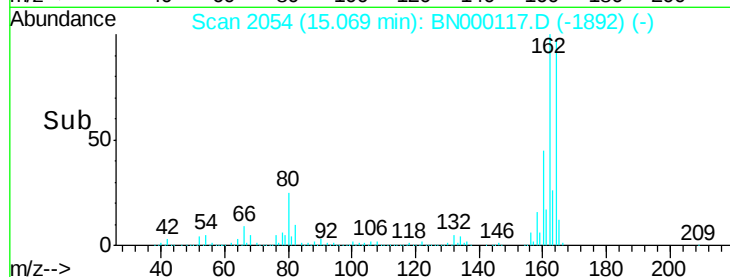
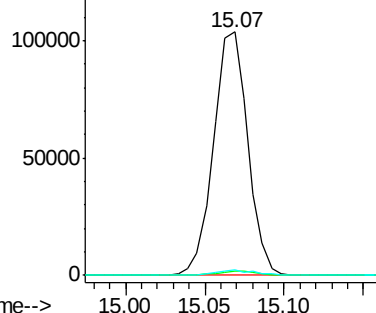
#50
 2,6-Dinitrotoluene
 Concen: 7.47 ng
 RT: 15.07 min Scan# 2054
 Delta R.T. 0.42 min
 Lab File: BN000117.D
 Acq: 19 Feb 2018 19:21

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 155433
 Ion Ratio Lower Upper
 165 100
 63 1.9 52.7 79.1#
 89 2.2 49.2 73.8#

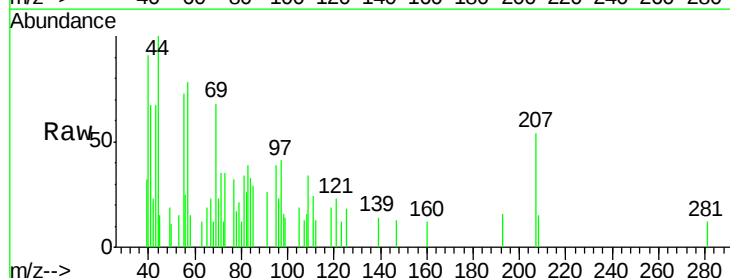


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

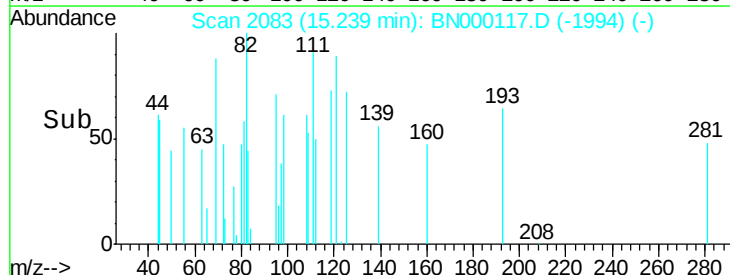
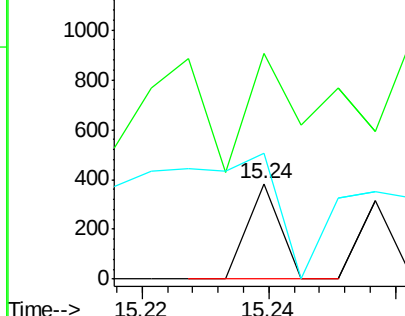


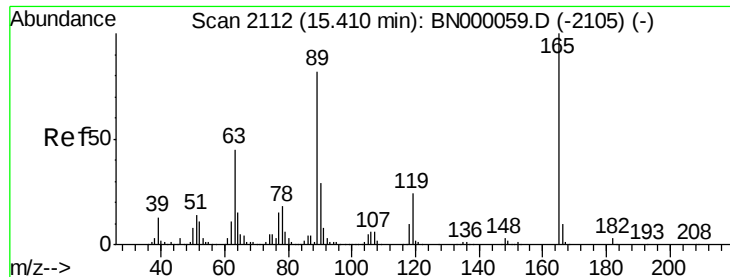
#55
 4-Nitrophenol
 Concen: 4.98 ng
 RT: 15.24 min Scan# 2083
 Delta R.T. -0.01 min
 Lab File: BN000117.D
 Acq: 19 Feb 2018 19:21

Tgt Ion:139 Resp: 135
 Ion Ratio Lower Upper
 139 100
 109 237.2 62.2 102.2#
 65 132.2 97.2 137.2



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BNC

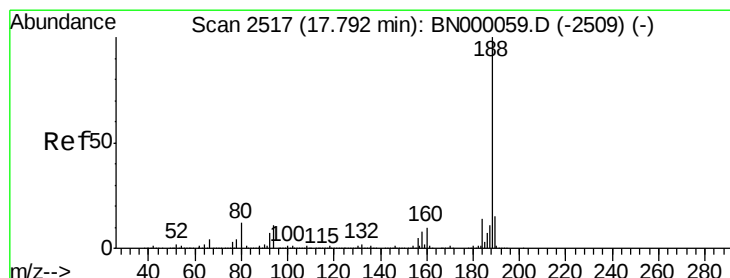
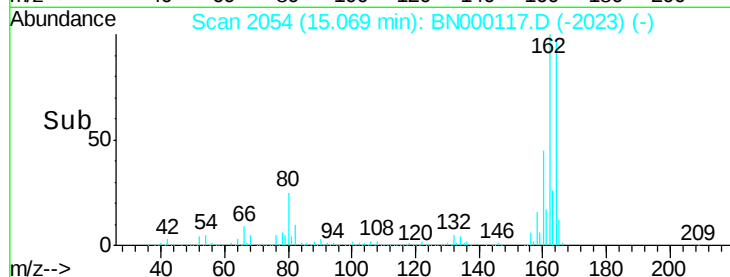
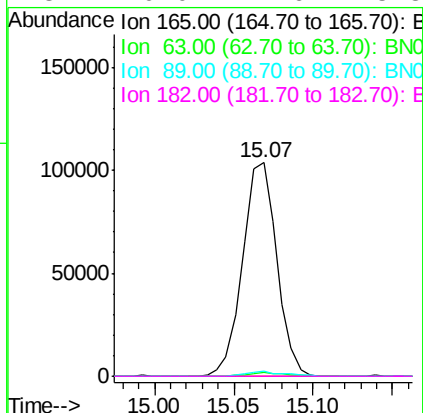
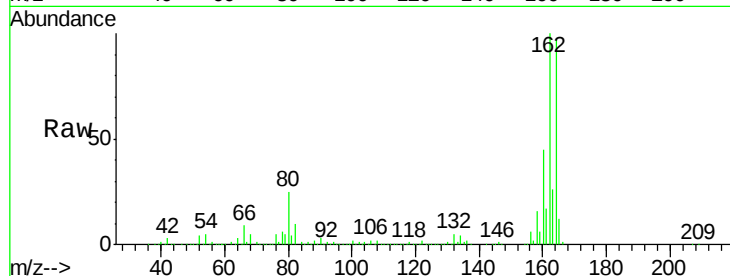




#56
 2,4-Dinitrotoluene
 Concen: 8.95 ng
 RT: 15.07 min Scan# 2054
 Delta R.T. -0.35 min
 Lab File: BN000117.D
 Acq: 19 Feb 2018 19:21

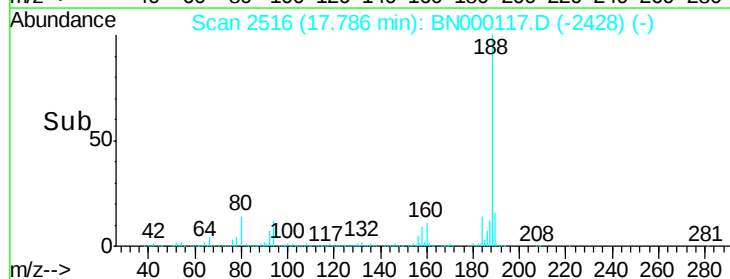
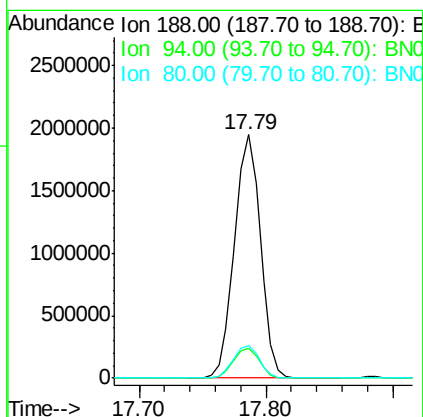
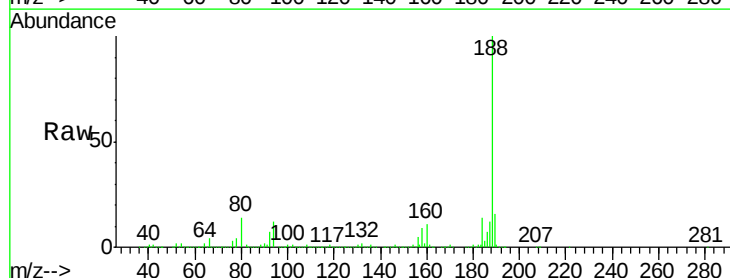
Instrument :
 BNA_N
 ClientSampleId :

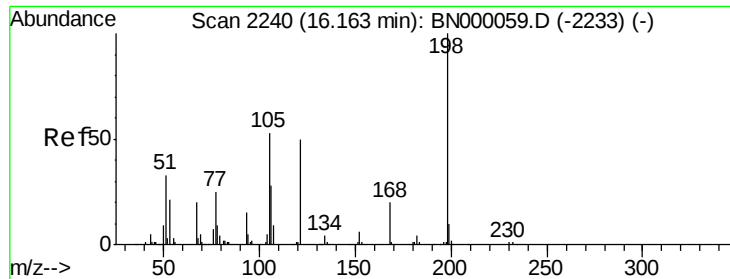
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	42.0	63.0#
89	2.2	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.79 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BN000117.D
 Acq: 19 Feb 2018 19:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.0	6.9	10.3#
80	13.5	7.7	11.5#





#64

4,6-Dinitro-2-methylphenol

Concen: 9.07 ng

RT: 16.53 min Scan# 2303

Delta R.T. 0.36 min

Lab File: BN000117.D

Acq: 19 Feb 2018 19:21

Instrument :

BNA_N

ClientSampleId :

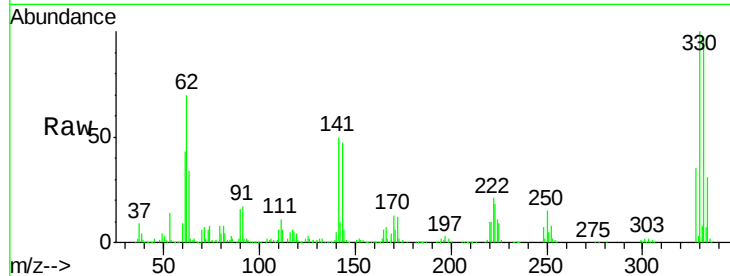
Tot Ion:198 Resp: 5867

Ion Ratio Lower Upper

198 100

51 142.4 30.6 70.6#

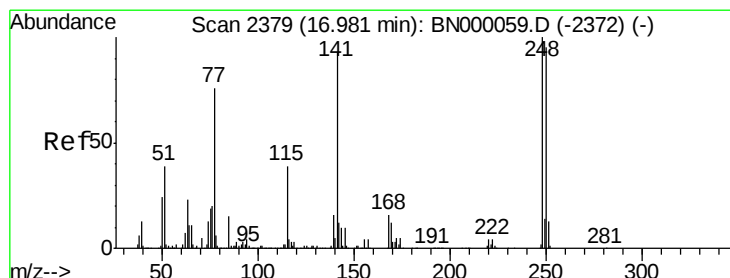
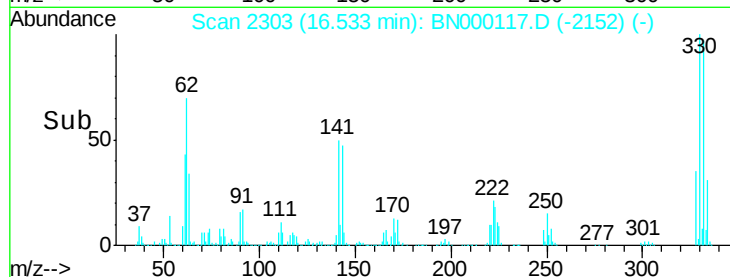
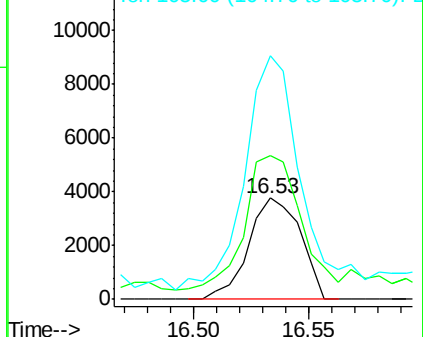
105 240.9 23.8 63.8#



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: 4.46 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.45 min

Lab File: BN000117.D

Acq: 19 Feb 2018 19:21

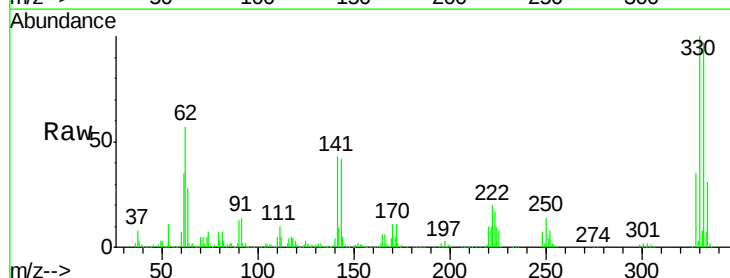
Tgt Ion:248 Resp: 117138

Ion Ratio Lower Upper

248 100

250 203.9 77.1 115.7#

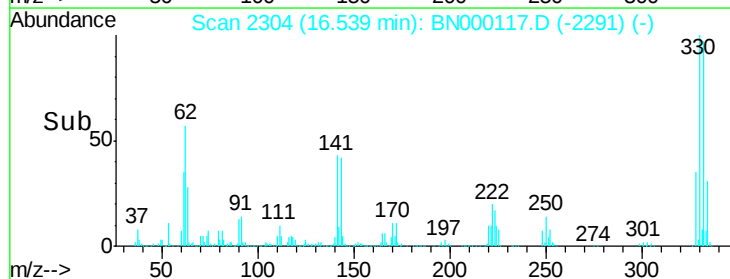
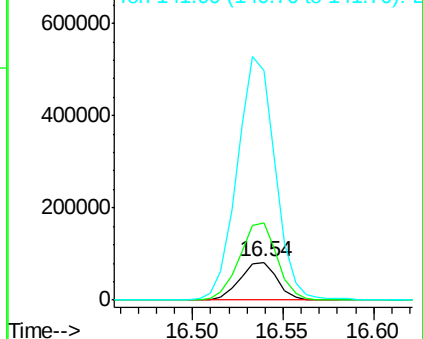
141 612.6 50.8 76.2#

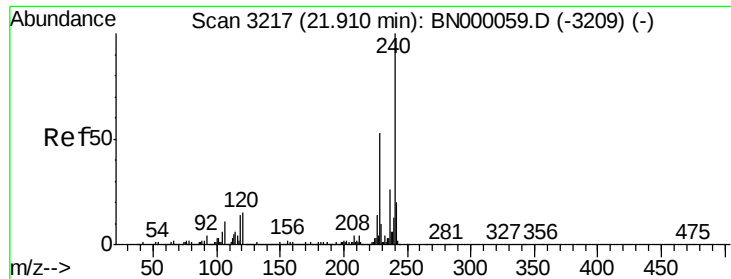


Abundance Ion 248.00 (247.70 to 248.70): E

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: BN000117.D

Acq: 19 Feb 2018 19:21

Instrument :

BNA_N

ClientSampleId :

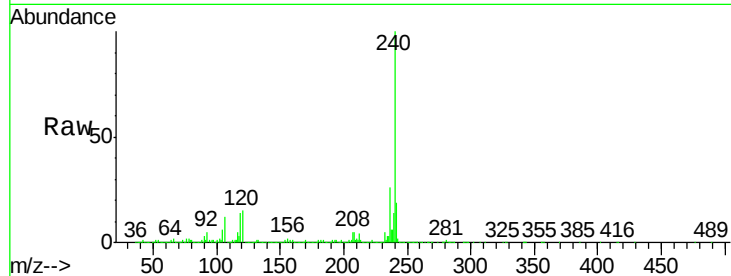
Tot Ion:240 Resp: 2993644

Ion Ratio Lower Upper

240 100

120 15.5 6.8 10.2#

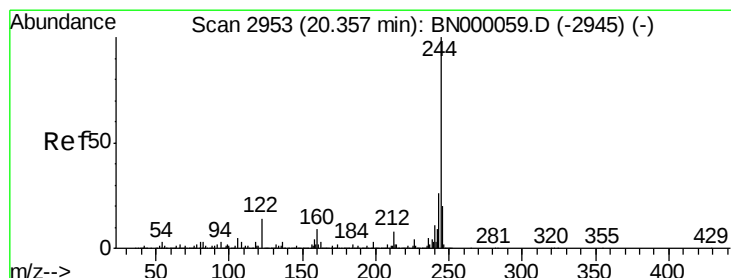
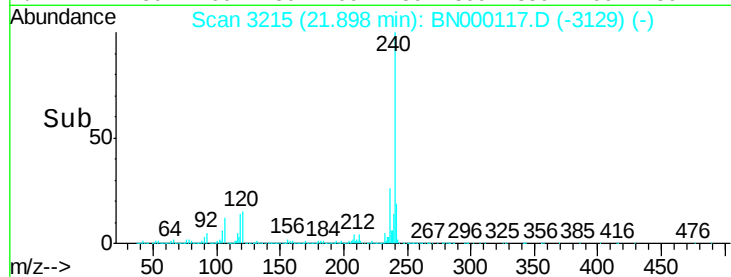
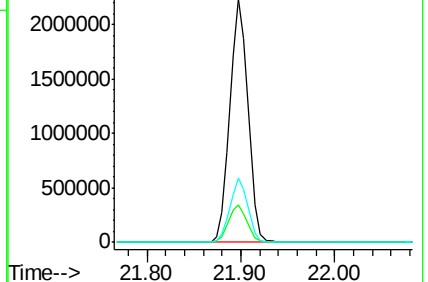
236 26.4 20.9 31.3



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: 93.06 ng

RT: 20.34 min Scan# 2951

Delta R.T. -0.02 min

Lab File: BN000117.D

Acq: 19 Feb 2018 19:21

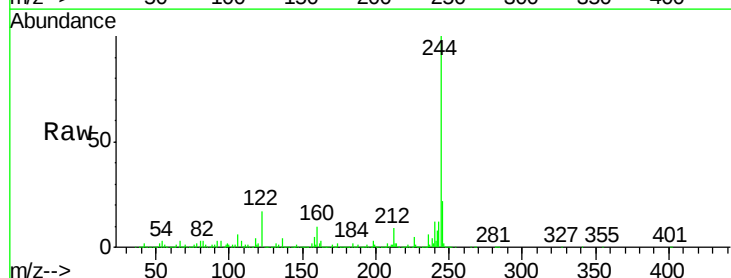
Tgt Ion:244 Resp:10317916

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

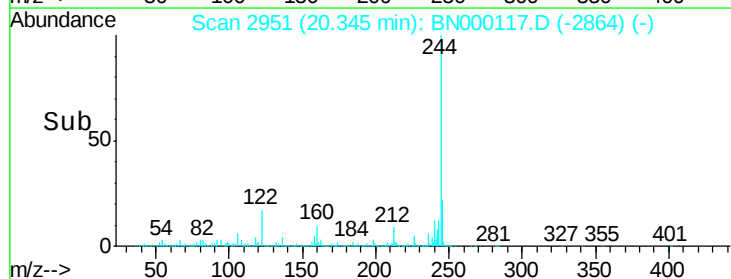
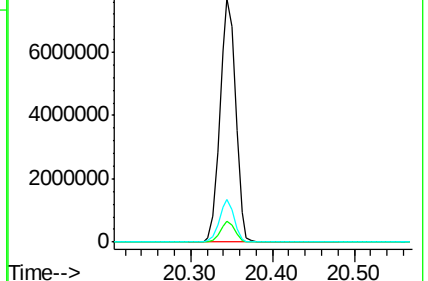
122 17.3 7.0 10.4#

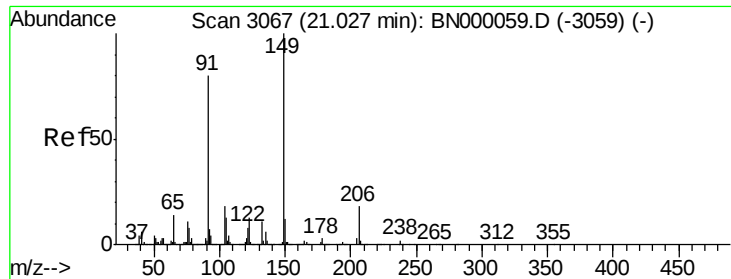


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

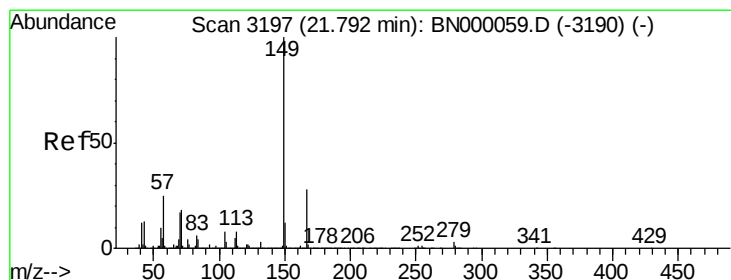
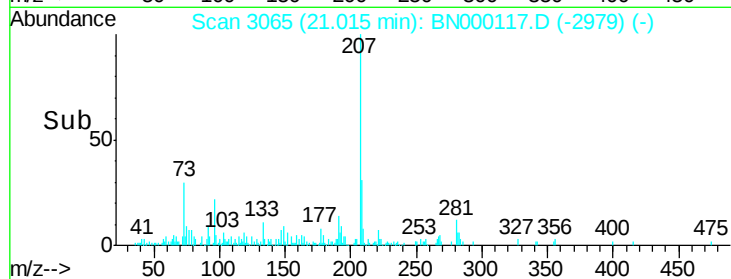
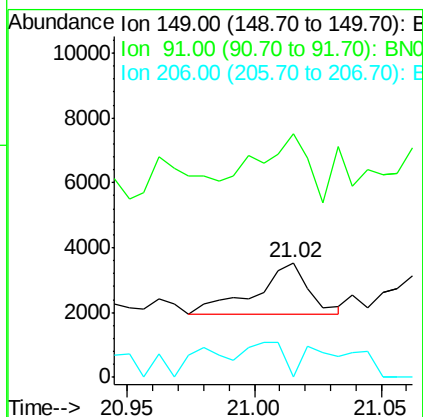
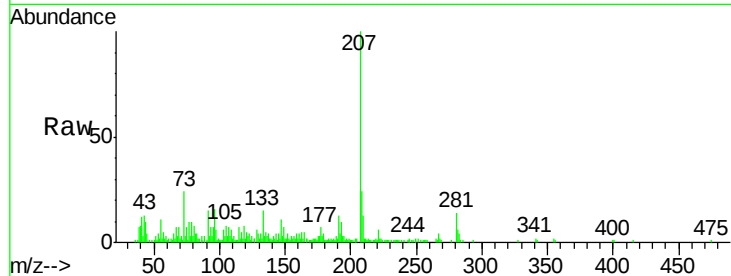




#79
 Butylbenzylphthalate
 Concen: 5.40 ng
 RT: 21.02 min Scan# 3065
 Delta R.T. -0.02 min
 Lab File: BN000117.D
 Acq: 19 Feb 2018 19:21

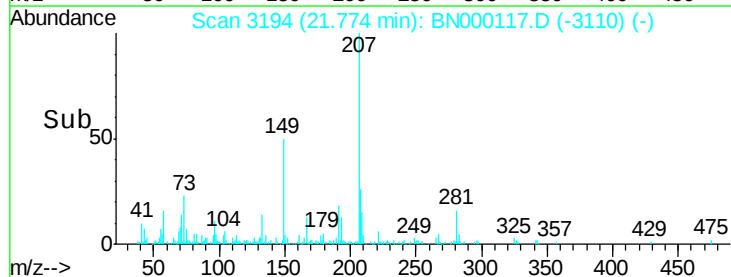
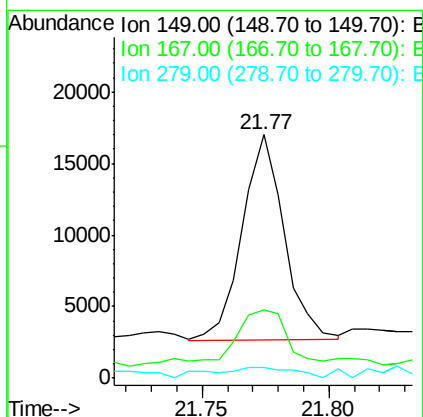
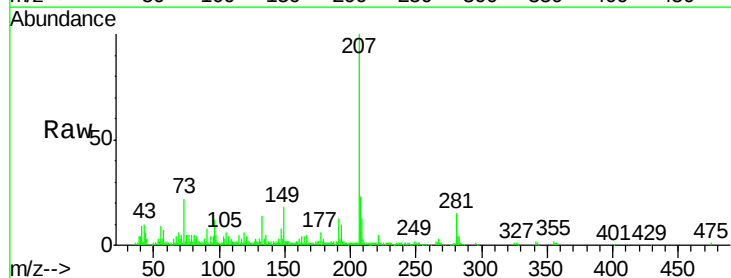
Instrument :
 BNA_N
 ClientSampled :

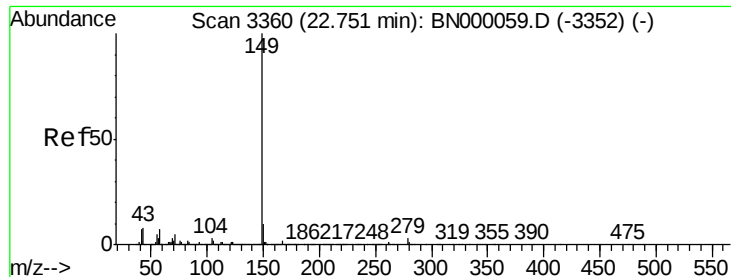
Tot Ion:149 Resp: 2326
 Ion Ratio Lower Upper
 149 100
 91 212.7 62.2 93.2#
 206 0.0 18.6 27.8#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.02 ng
 RT: 21.77 min Scan# 3194
 Delta R.T. -0.03 min
 Lab File: BN000117.D
 Acq: 19 Feb 2018 19:21

Tgt Ion:149 Resp: 16582
 Ion Ratio Lower Upper
 149 100
 167 27.9 24.3 36.5
 279 4.2 4.0 6.0





#84

Di-n-octyl phthalate

Concen: 6.74 ng

RT: 22.73 min Scan# 3357

Delta R.T. -0.04 min

Lab File: BN000117.D

Acq: 19 Feb 2018 19:21

Instrument :

BNA_N

ClientSampled :

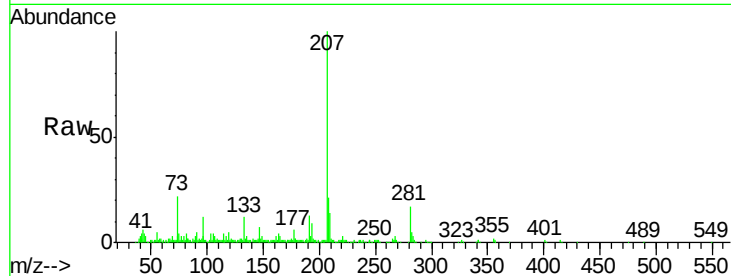
Tot Ion:149 Resp: 2105

Ion Ratio Lower Upper

149 100

167 31.2 1.4 2.0#

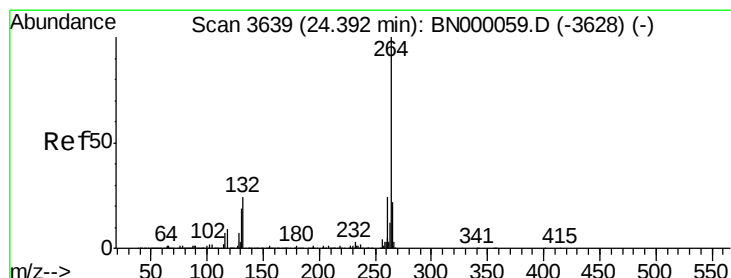
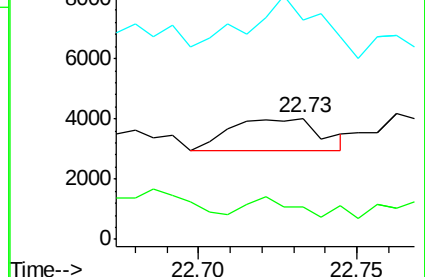
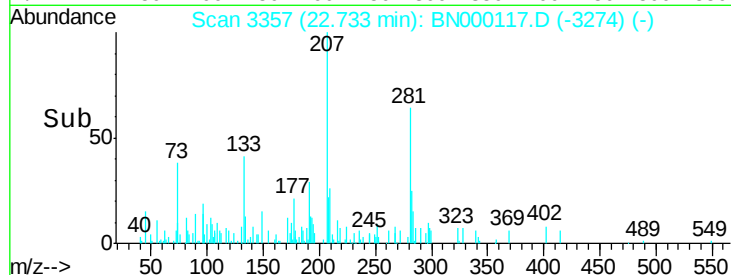
43 147.1 8.9 13.3#



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: BN000117.D

Acq: 19 Feb 2018 19:21

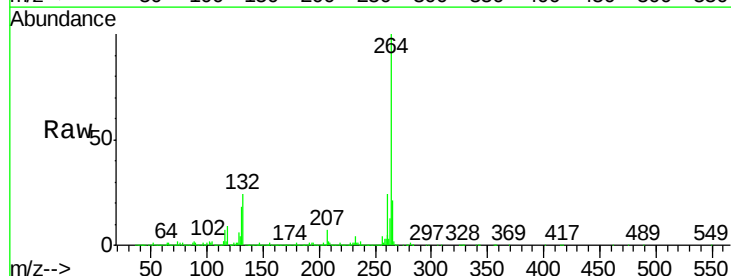
Tgt Ion:264 Resp: 3347801

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 21.1 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

