

Data Path : Z:\HPCHEM1\BNA N\DATA\BN030618\
 Data File : BN000257.D
 Acq On : 06 Mar 2018 11:22
 Operator : JU/SJ
 Sample : PB107064BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 07 04:24:41 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

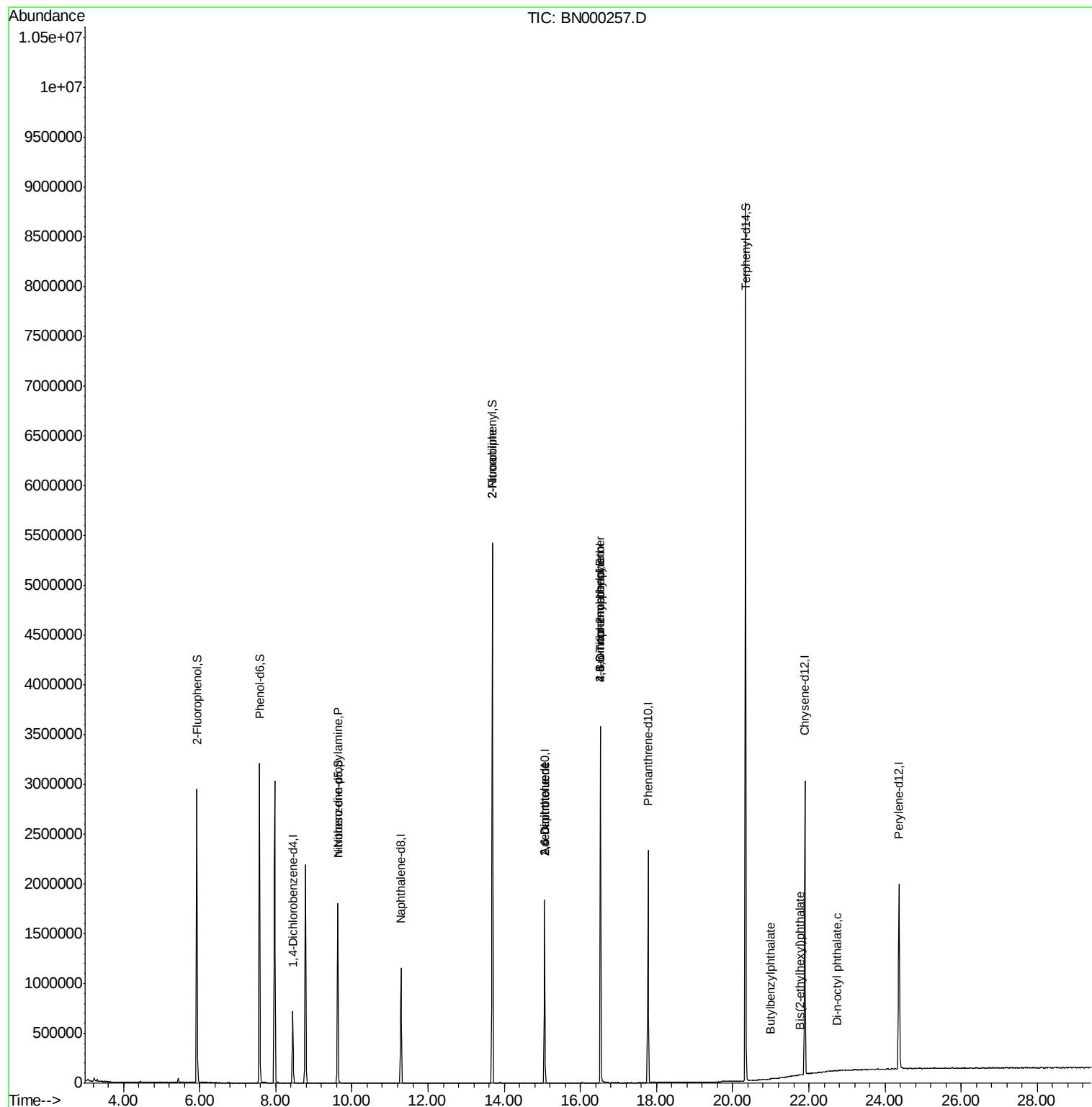
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	196767	20.00	ng	-0.02
21) Naphthalene-d8	11.29	136	938514	20.00	ng	-0.02
38) Acenaphthene-d10	15.06	164	562401	20.00	ng	-0.02
63) Phenanthrene-d10	17.78	188	1282181	20.00	ng	-0.02
75) Chrysene-d12	21.89	240	1259602	20.00	ng	-0.03
86) Perylene-d12	24.36	264	1263622	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	1433670	118.75	ng	-0.02
7) Phenol-d6	7.58	99	2034092	111.22	ng	-0.02
23) Nitrobenzene-d5	9.63	82	1102379	69.84	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	509456	91.51	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	2647282	66.34	ng	-0.03
78) Terphenyl-d14	20.34	244	3734405	80.05	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.63	70	137932	11.256	ng	# 69
47) 2-Nitroaniline	13.69	65	4642	5.261	ng	# 1
50) 2,6-Dinitrotoluene	15.06	165	72316	7.451	ng	# 20
56) 2,4-Dinitrotoluene	15.06	165	72316	8.934	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.53	198	1925	8.967	ng	# 1
66) 4-Bromophenyl-phenylether	16.53	248	35698	2.928	ng	# 1
79) Butylbenzylphthalate	21.00	149	117	5.379	ng	# 20
83) Bis(2-ethylhexyl)phthalate	21.77	149	958	2.919	ng	# 50
84) Di-n-octyl phthalate	22.76	149	60	6.731	ng	# 1

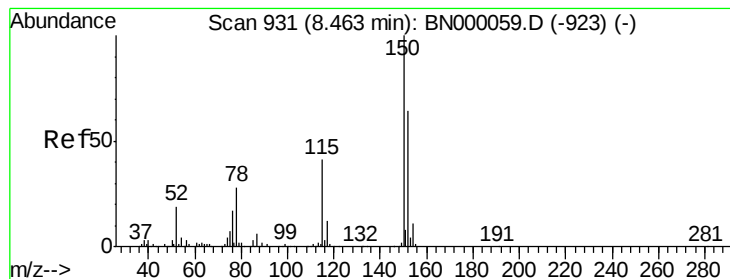
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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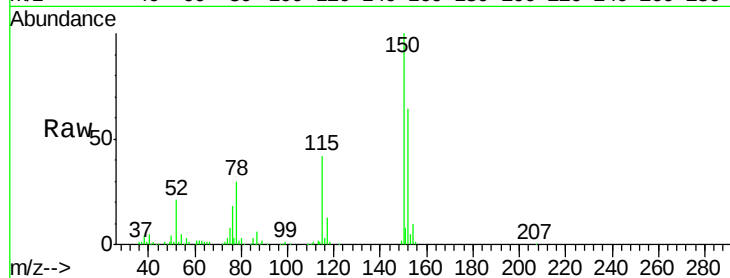


#1

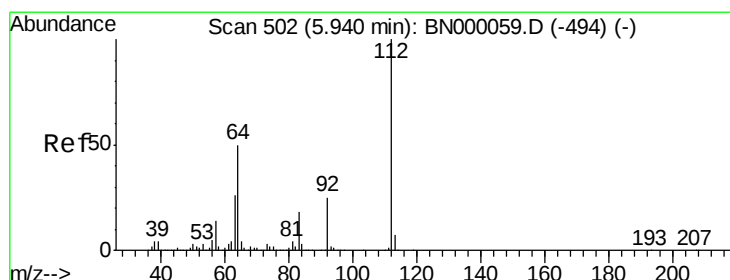
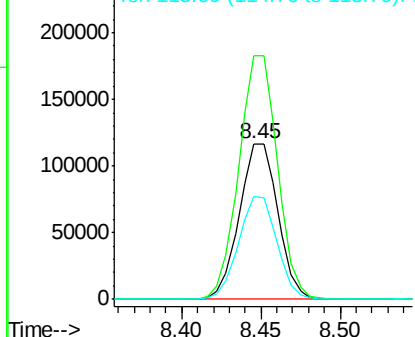
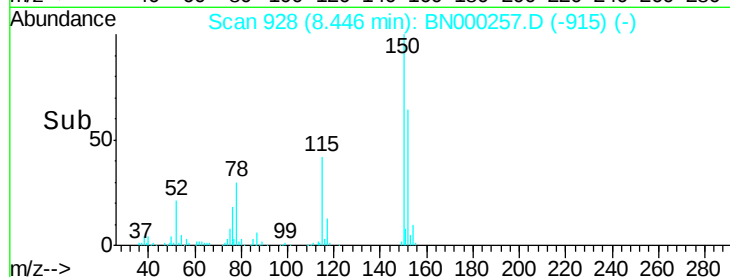
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.02 min
Lab File: BN000257.D
Acq: 06 Mar 2018 11:22

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.6	189.8
115	66.4	53.0	79.4



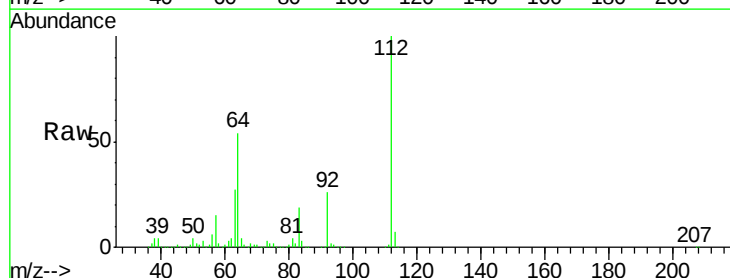
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



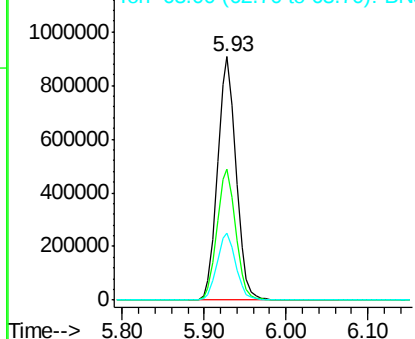
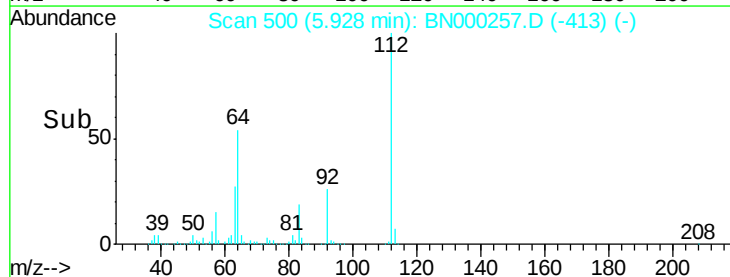
#5

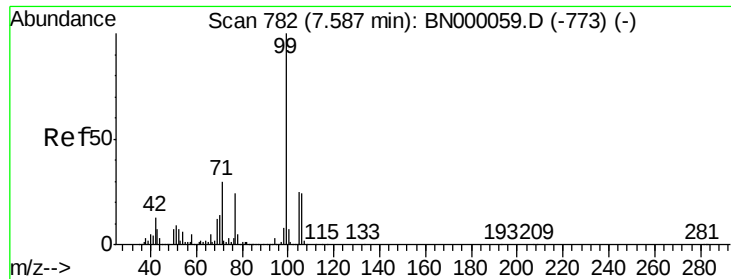
2-Fluorophenol
Concen: 118.747 ng
RT: 5.93 min Scan# 500
Delta R.T. -0.02 min
Lab File: BN000257.D
Acq: 06 Mar 2018 11:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	56.3	84.5#
63	27.3	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: 111.225 ng

RT: 7.58 min Scan# 780

Delta R.T. -0.02 min

Lab File: BN000257.D

Acq: 06 Mar 2018 11:22

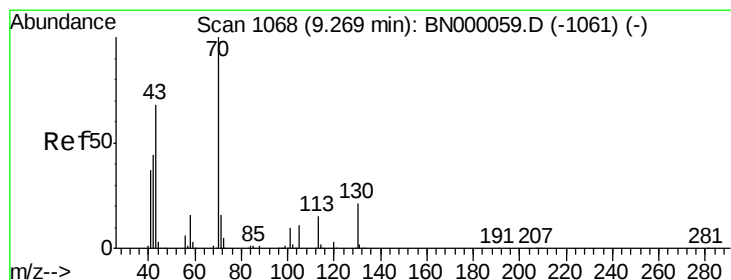
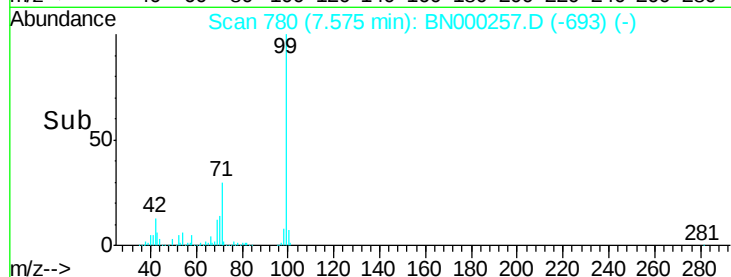
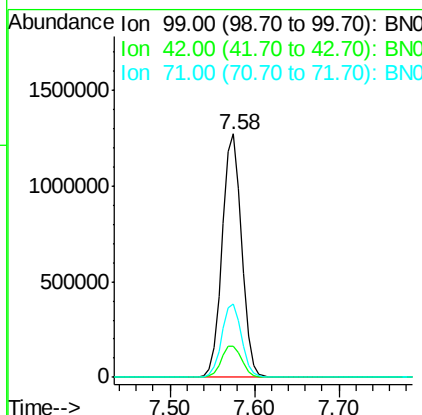
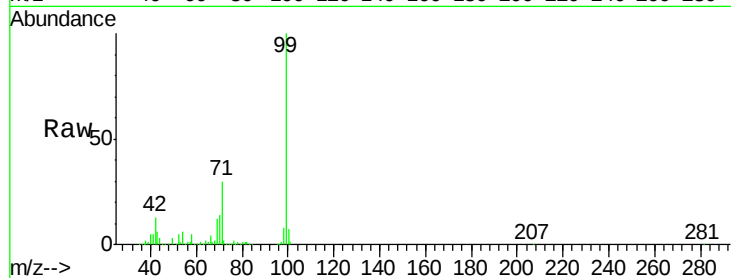
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 99 Resp: 2034092

Ion	Ratio	Lower	Upper
99	100		
42	13.0	14.1	21.1#
71	30.4	26.1	39.1



#19

n-Nitroso-di-n-propylamine

Concen: 11.256 ng

RT: 9.63 min Scan# 1129

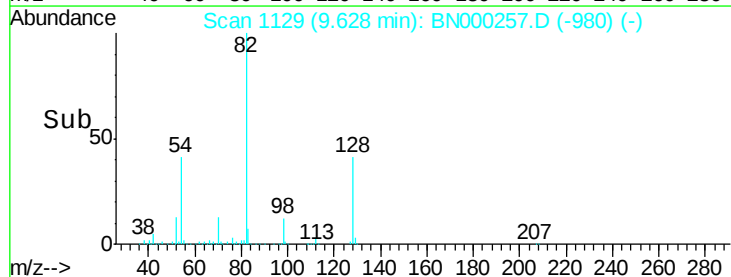
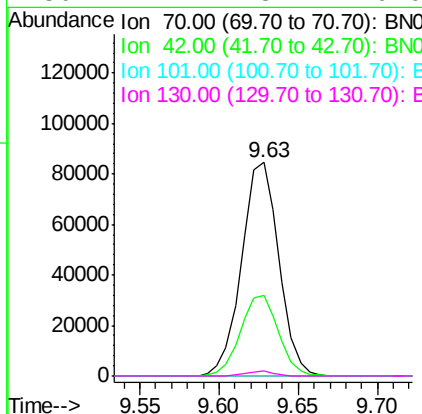
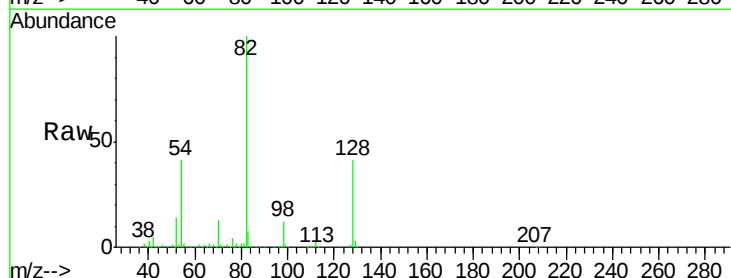
Delta R.T. 0.35 min

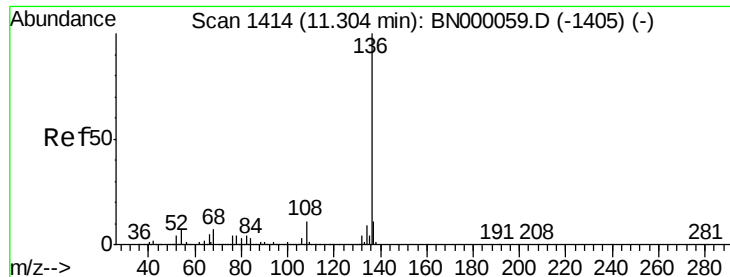
Lab File: BN000257.D

Acq: 06 Mar 2018 11:22

Tgt Ion: 70 Resp: 137932

Ion	Ratio	Lower	Upper
70	100		
42	37.8	49.1	73.7#
101	0.0	8.5	12.7#
130	2.2	13.4	20.0#

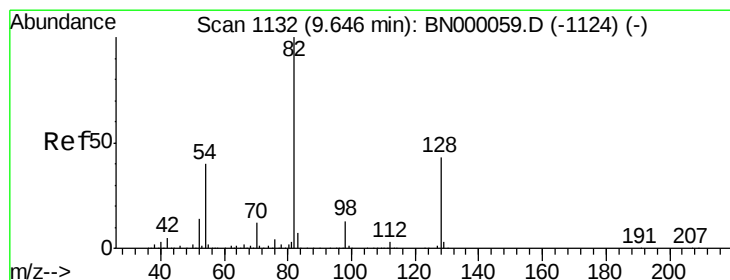
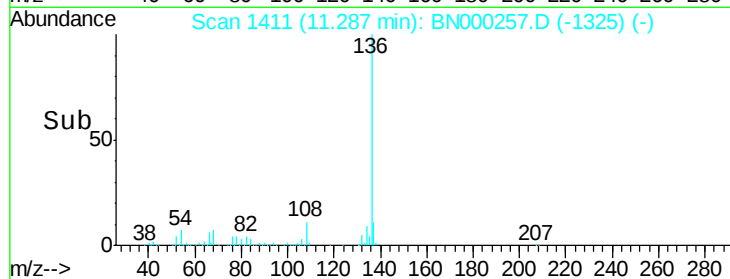
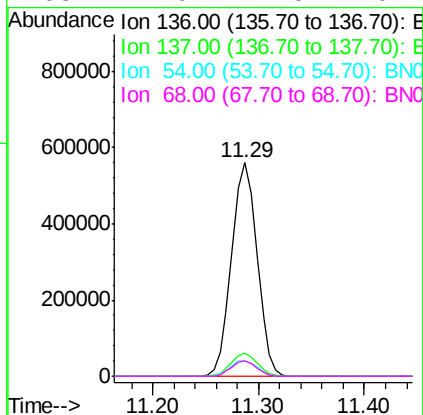
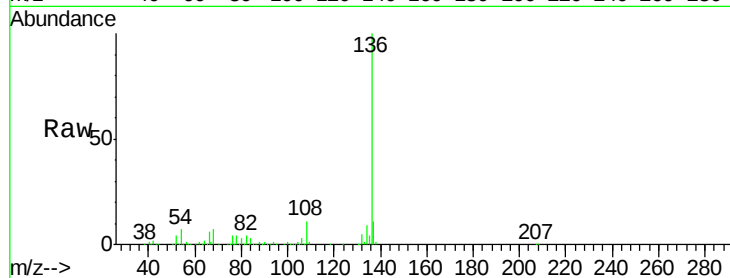




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.29 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BN000257.D
Acq: 06 Mar 2018 11:22

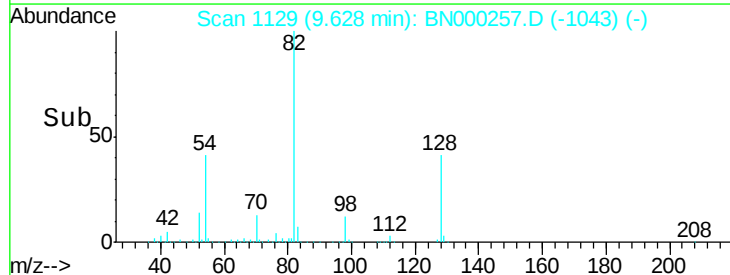
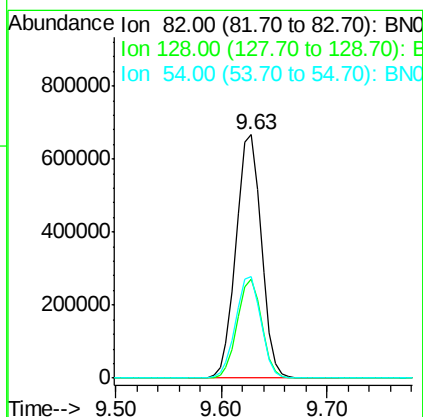
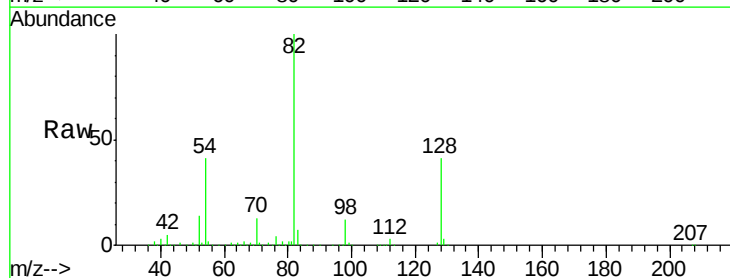
Instrument :
BNA_N
ClientSampleId :

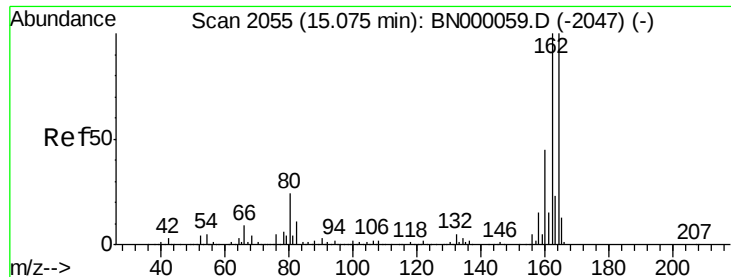
Tot Ion:136	Resp:	938514
Ion	Ratio	Lower Upper
136	100	
137	10.6	9.2 13.8
54	7.3	10.3 15.5#
68	7.0	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 69.837 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BN000257.D
Acq: 06 Mar 2018 11:22

Tgt Ion: 82	Resp:	1102379
Ion	Ratio	Lower Upper
82	100	
128	40.8	29.7 44.5
54	41.5	43.1 64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.06 min Scan# 2052

Delta R.T. -0.02 min

Lab File: BN000257.D

Acq: 06 Mar 2018 11:22

Instrument :

BNA_N

ClientSampleId :

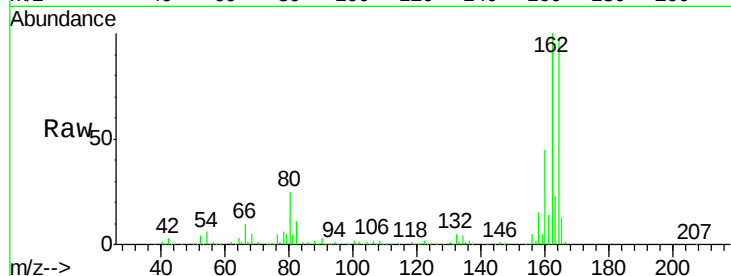
Tot Ion:164 Resp: 562401

Ion Ratio Lower Upper

164 100

162 102.6 78.8 118.2

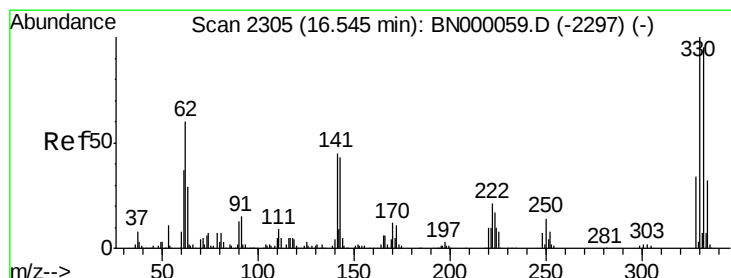
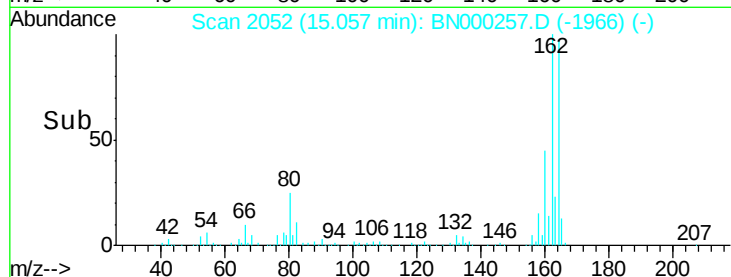
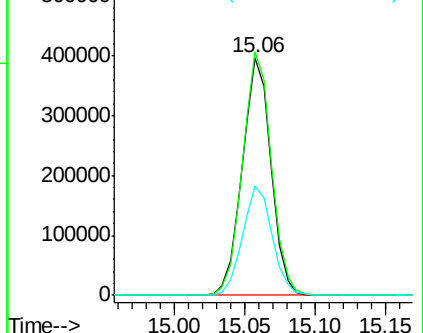
160 46.1 35.4 53.0



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: 91.515 ng

RT: 16.53 min Scan# 2302

Delta R.T. -0.02 min

Lab File: BN000257.D

Acq: 06 Mar 2018 11:22

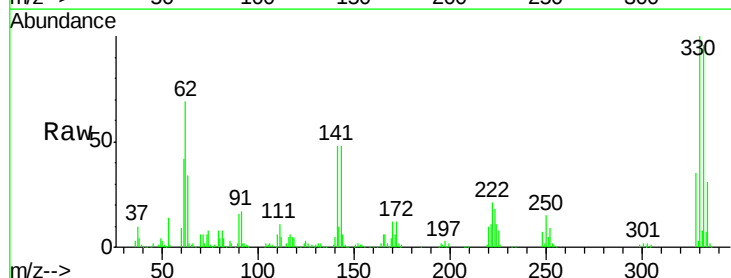
Tgt Ion:330 Resp: 509456

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

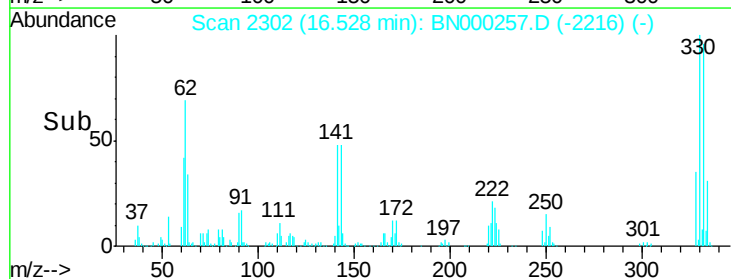
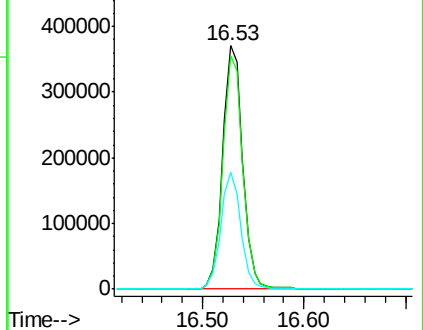
141 48.5 25.2 37.8#

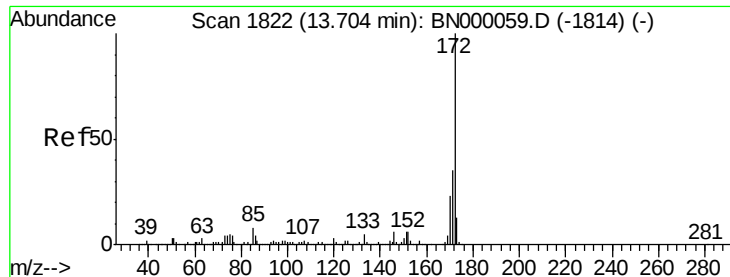


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

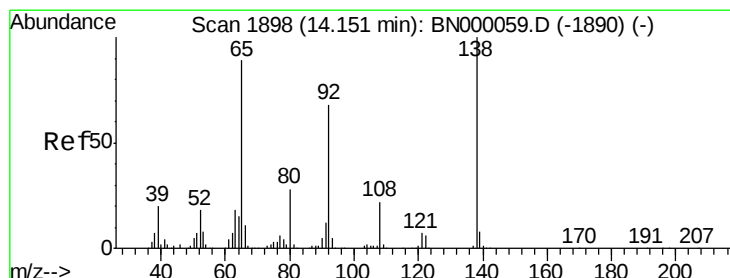
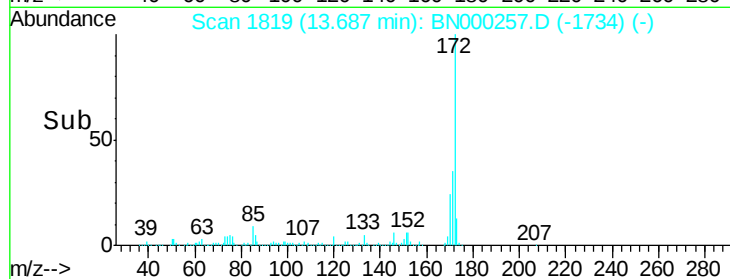
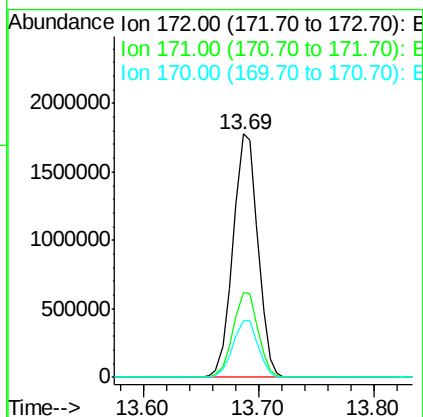
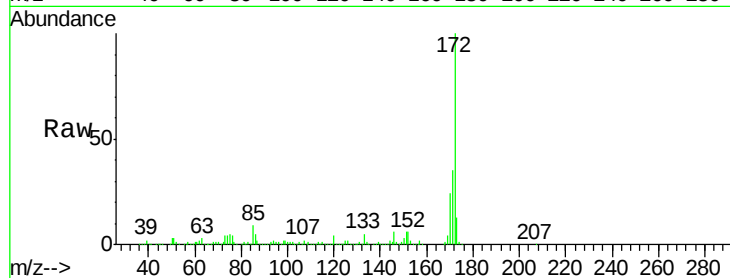




#44
2-Fluorobiphenyl
Concen: 66.343 ng
RT: 13.69 min Scan# 1819
Delta R.T. -0.03 min
Lab File: BN000257.D
Acq: 06 Mar 2018 11:22

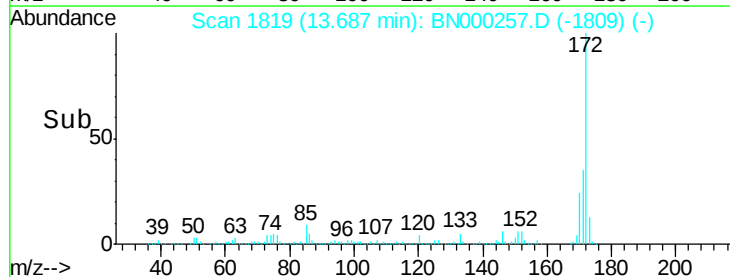
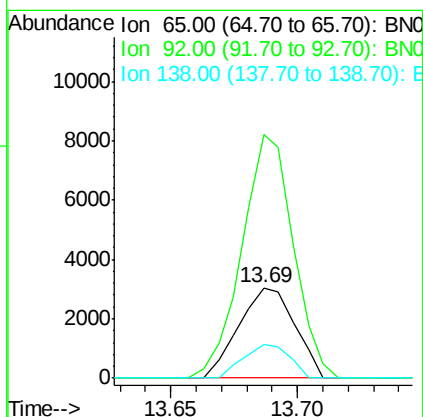
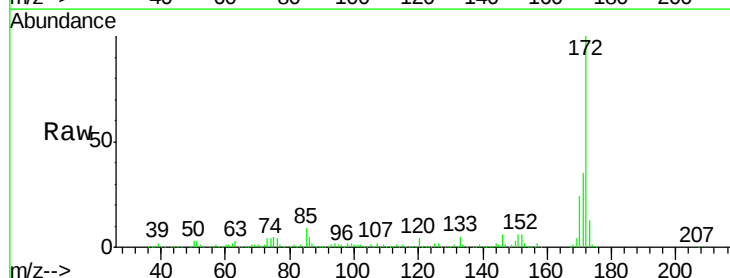
Instrument :
BNA_N
ClientSampleId :

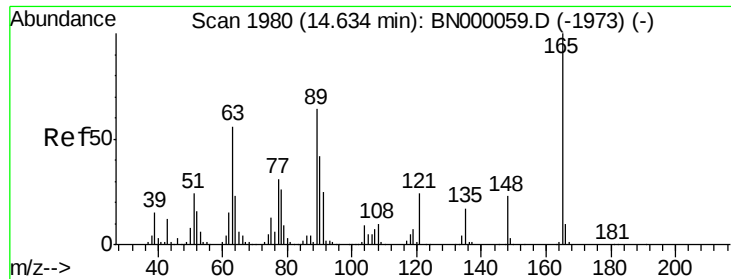
Tot Ion:172 Resp: 2647282
Ion Ratio Lower Upper
172 100
171 35.0 30.0 45.0
170 23.5 19.5 29.3



#47
2-Nitroaniline
Concen: 5.261 ng
RT: 13.69 min Scan# 1819
Delta R.T. -0.47 min
Lab File: BN000257.D
Acq: 06 Mar 2018 11:22

Tgt Ion: 65 Resp: 4642
Ion Ratio Lower Upper
65 100
92 269.6 54.6 82.0#
138 37.4 72.9 109.3#

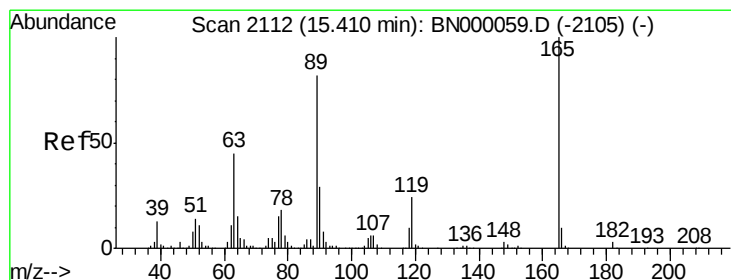
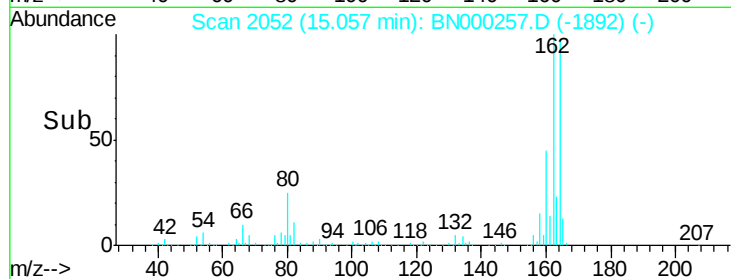
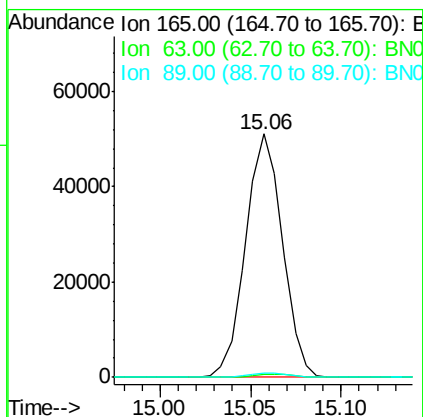
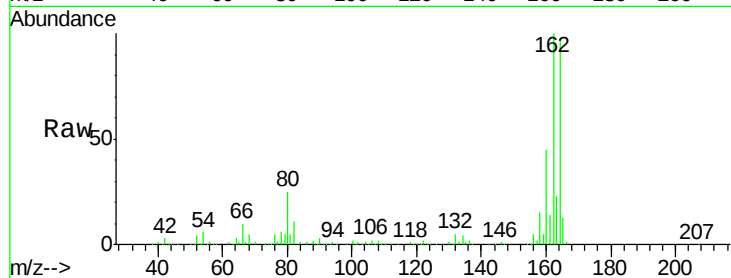




#50
 2,6-Dinitrotoluene
 Concen: 7.451 ng
 RT: 15.06 min Scan# 2052
 Delta R.T. 0.41 min
 Lab File: BN000257.D
 Acq: 06 Mar 2018 11:22

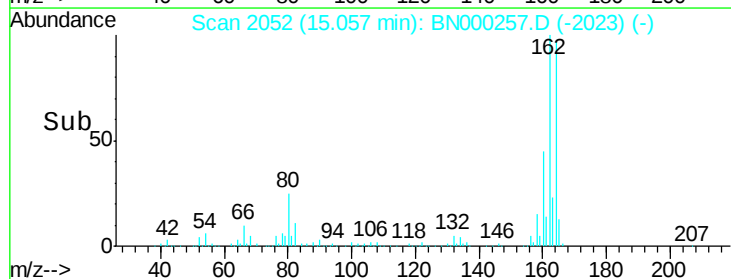
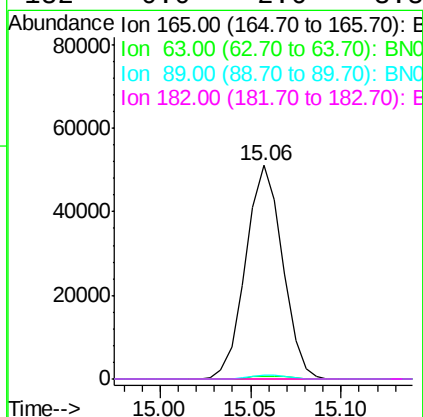
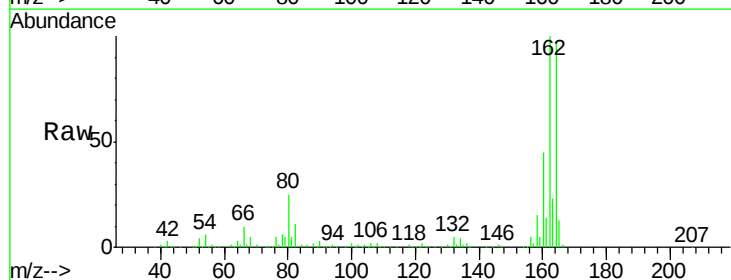
Instrument :
 BNA_N
 ClientSampleId :

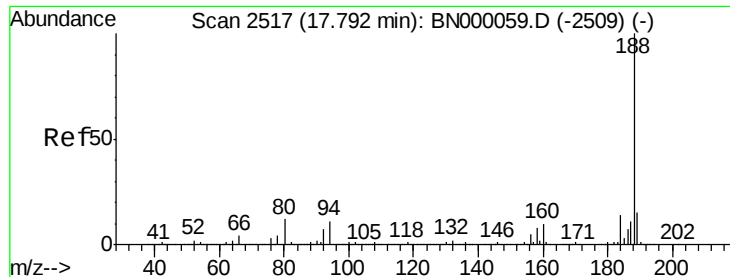
Tot Ion:165 Resp: 72316
 Ion Ratio Lower Upper
 165 100
 63 1.4 52.7 79.1#
 89 1.9 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 8.934 ng
 RT: 15.06 min Scan# 2052
 Delta R.T. -0.36 min
 Lab File: BN000257.D
 Acq: 06 Mar 2018 11:22

Tgt Ion:165 Resp: 72316
 Ion Ratio Lower Upper
 165 100
 63 1.4 42.0 63.0#
 89 1.9 66.9 100.3#
 182 0.0 2.6 3.8#

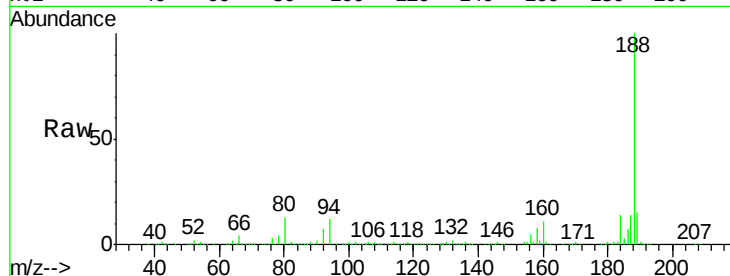




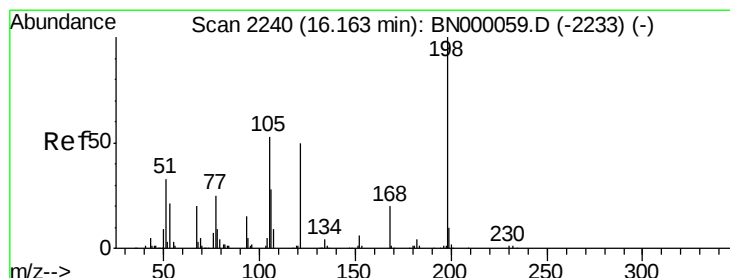
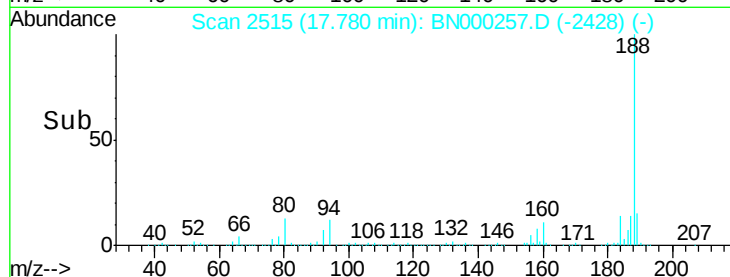
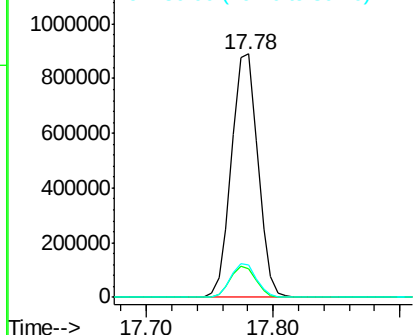
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.78 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BN000257.D
Acq: 06 Mar 2018 11:22

Instrument :
BNA_N
ClientSampleId :

Tot Ion:188 Resp: 1282181
Ion Ratio Lower Upper
188 100
94 11.8 6.9 10.3#
80 13.1 7.7 11.5#

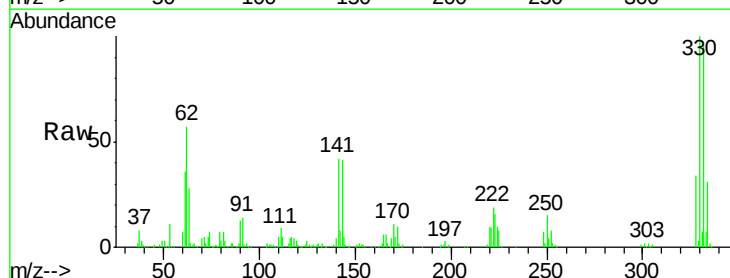


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

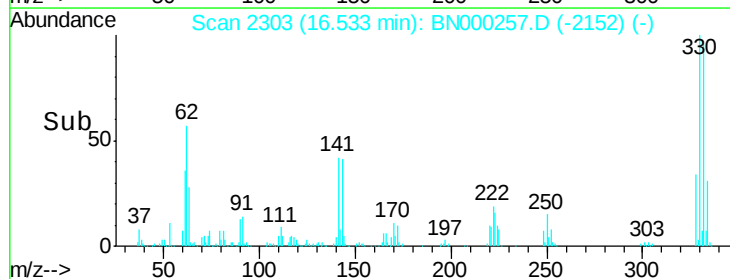
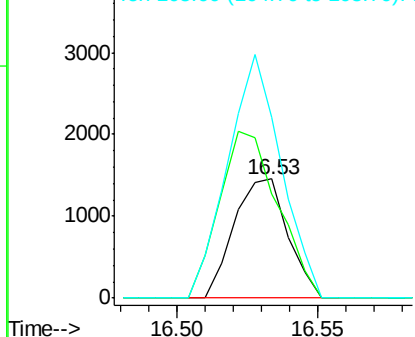


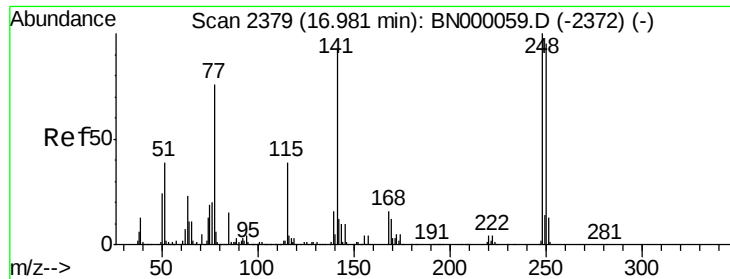
#64
4,6-Dinitro-2-methylphenol
Concen: 8.967 ng
RT: 16.53 min Scan# 2303
Delta R.T. 0.36 min
Lab File: BN000257.D
Acq: 06 Mar 2018 11:22

Tgt Ion:198 Resp: 1925
Ion Ratio Lower Upper
198 100
51 87.4 30.6 70.6#
105 151.4 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

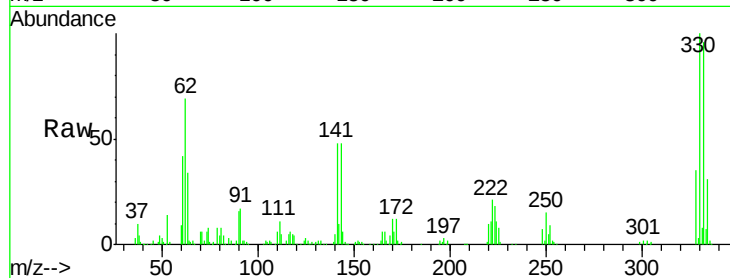




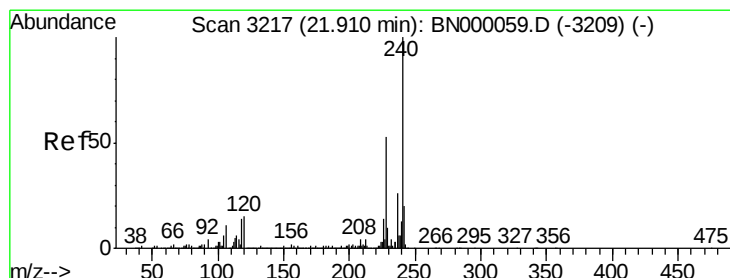
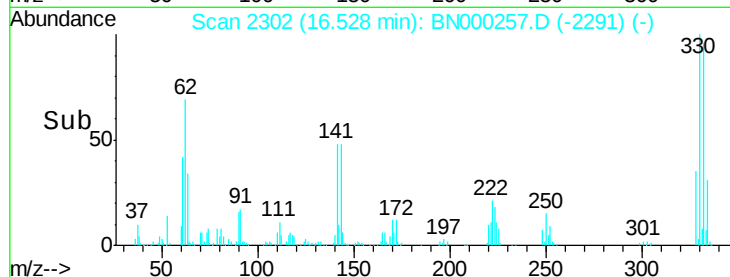
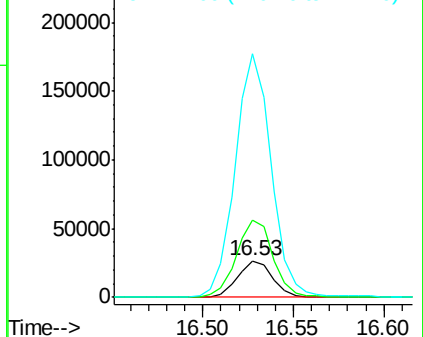
#66
 4-Bromophenyl-phenylether
 Concen: 2.928 ng
 RT: 16.53 min Scan# 2302
 Delta R.T. -0.46 min
 Lab File: BN000257.D
 Acq: 06 Mar 2018 11:22

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:248 Resp: 35698
 Ion Ratio Lower Upper
 248 100
 250 213.7 77.1 115.7#
 141 670.8 50.8 76.2#

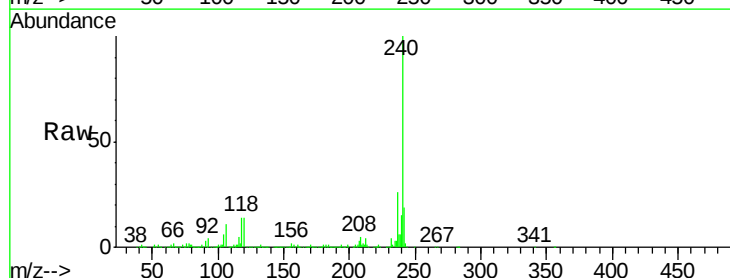


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

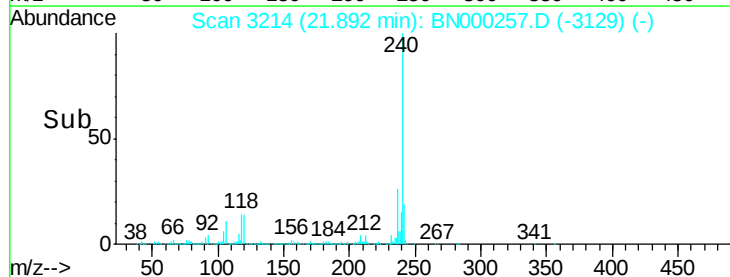
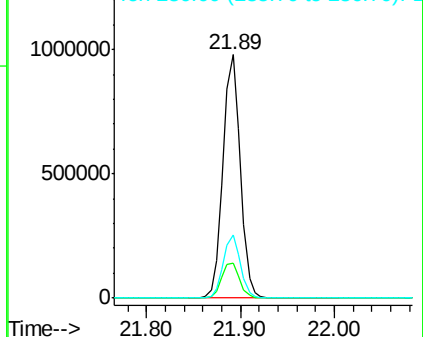


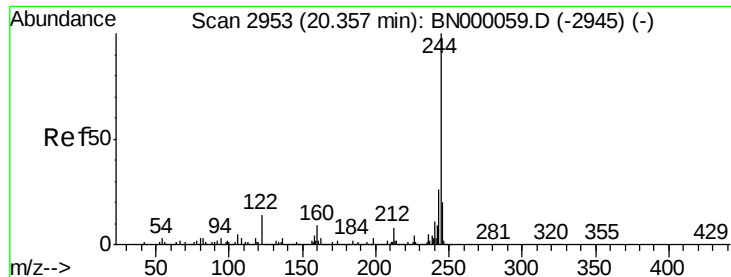
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.89 min Scan# 3214
 Delta R.T. -0.03 min
 Lab File: BN000257.D
 Acq: 06 Mar 2018 11:22

Tgt Ion:240 Resp: 1259602
 Ion Ratio Lower Upper
 240 100
 120 14.5 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: 80.052 ng

RT: 20.34 min Scan# 2950

Delta R.T. -0.02 min

Lab File: BN000257.D

Acq: 06 Mar 2018 11:22

Instrument :

BNA_N

ClientSampleId :

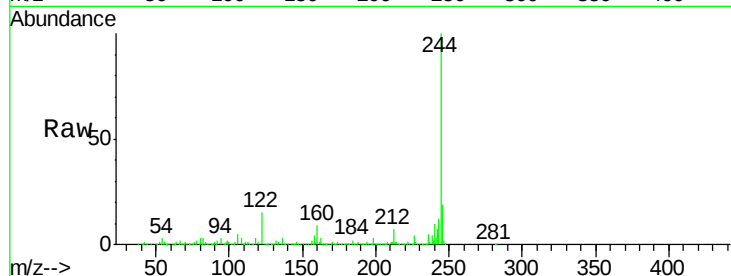
Tot Ion:244 Resp: 3734405

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

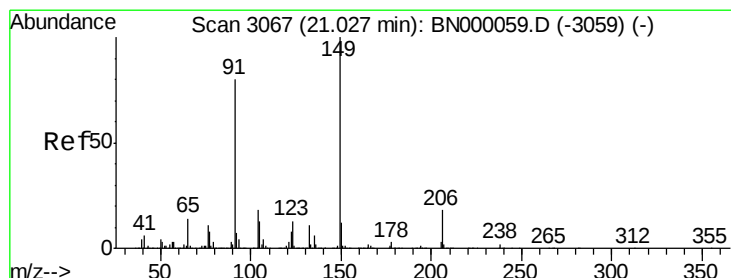
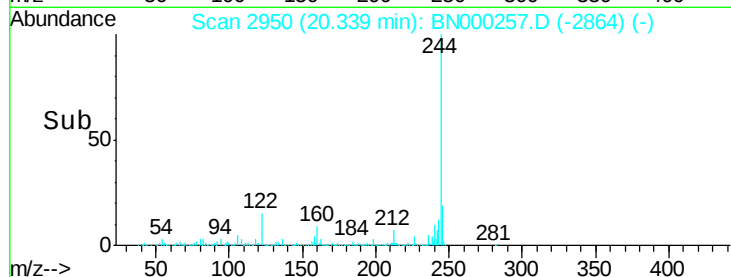
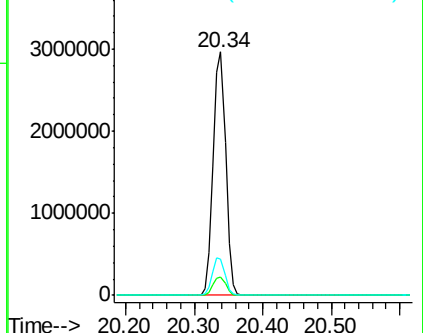
122 14.8 7.0 10.4#



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: 5.379 ng

RT: 21.00 min Scan# 3062

Delta R.T. -0.04 min

Lab File: BN000257.D

Acq: 06 Mar 2018 11:22

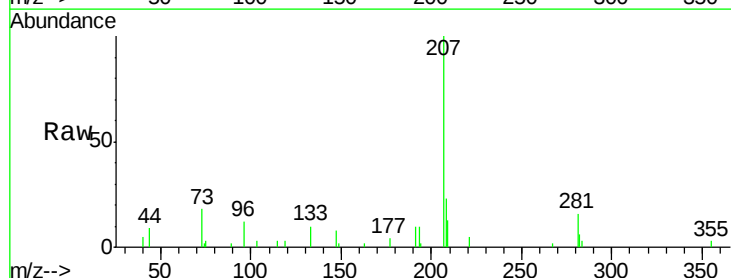
Tgt Ion:149 Resp: 117

Ion Ratio Lower Upper

149 100

91 0.0 62.2 93.2#

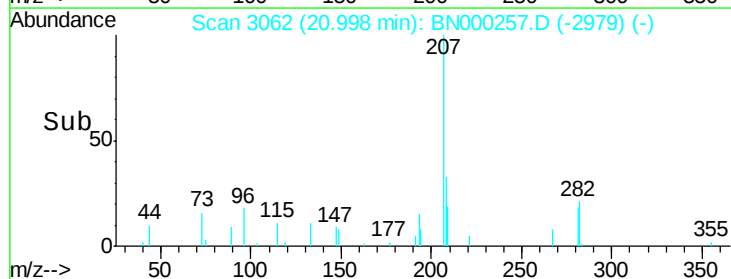
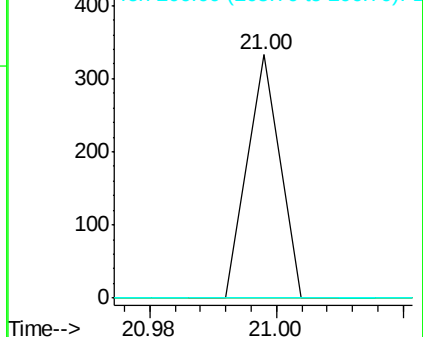
206 0.0 18.6 27.8#

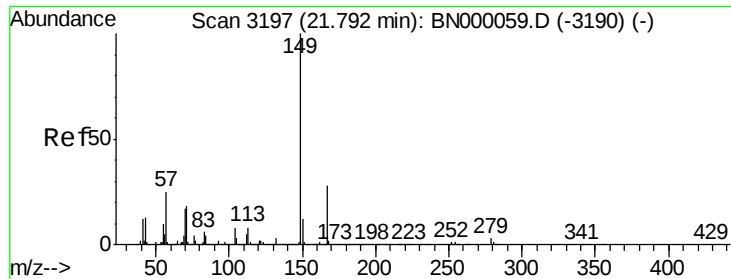


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BN0

Ion 206.00 (205.70 to 206.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.919 ng

RT: 21.77 min Scan# 3193

Delta R.T. -0.04 min

Lab File: BN000257.D

Acq: 06 Mar 2018 11:22

Instrument :

BNA_N

ClientSampleId :

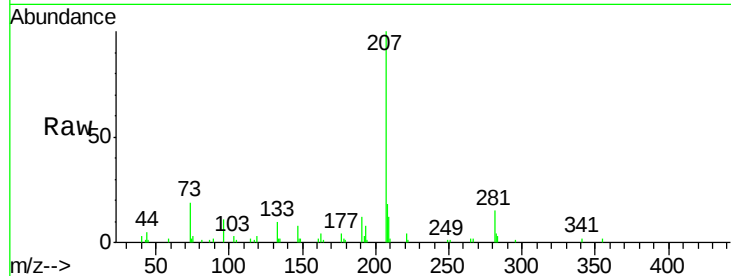
Tot Ion:149 Resp: 958

Ion Ratio Lower Upper

149 100

167 0.0 24.3 36.5#

279 0.0 4.0 6.0#

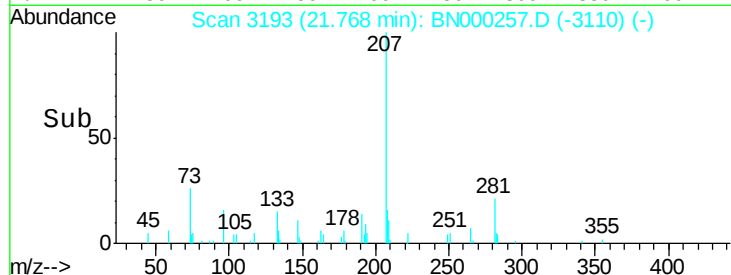


Abundance Ion 149.00 (148.70 to 149.70): E

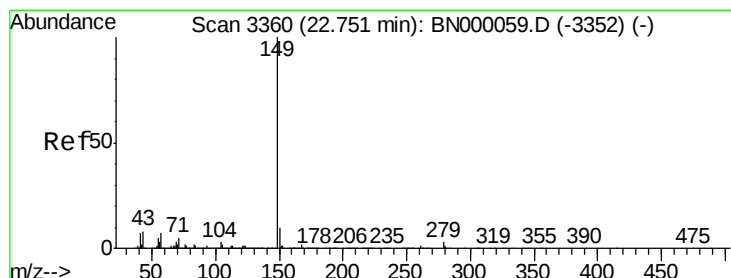
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



Time-->



#84

Di-n-octyl phthalate

Concen: 6.731 ng

RT: 22.76 min Scan# 3361

Delta R.T. -0.02 min

Lab File: BN000257.D

Acq: 06 Mar 2018 11:22

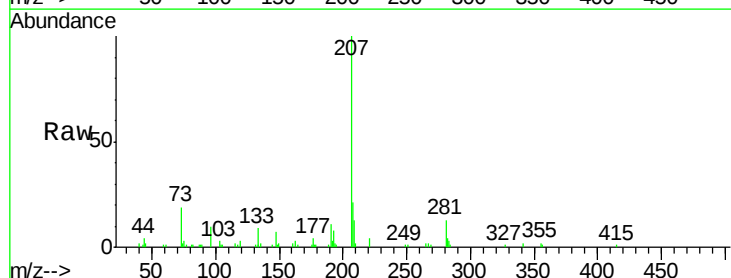
Tgt Ion:149 Resp: 60

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

43 193.3 8.9 13.3#

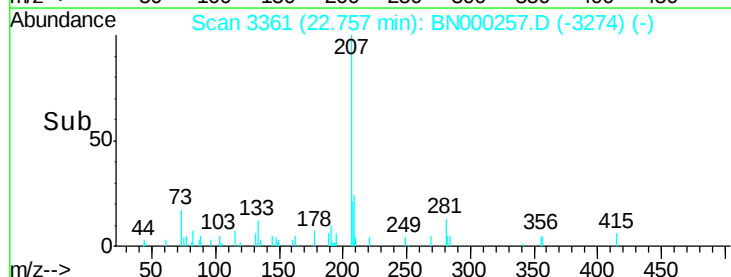


Abundance Ion 149.00 (148.70 to 149.70): E

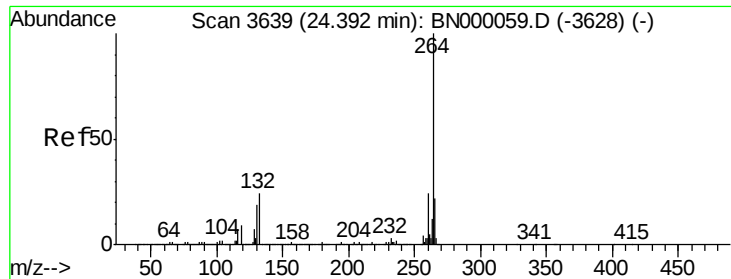
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC

Time-->



Time-->



#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.36 min Scan# 3634
Delta R.T. -0.05 min
Lab File: BN000257.D
Acq: 06 Mar 2018 11:22

Instrument :
BNA_N
ClientSampleId :

Tot Ion:264 Resp: 1263622

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.4	17.7	26.5

