

Data Path : Z:\HPCHEM1\BNA N\DATA\BN030618\
 Data File : BN000270.D
 Acq On : 06 Mar 2018 18:51
 Operator : JU/SJ
 Sample : J1792-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 07 04:32:12 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	305910	20.00	ng	-0.02
21) Naphthalene-d8	11.29	136	1479233	20.00	ng	-0.02
38) Acenaphthene-d10	15.06	164	828187	20.00	ng	-0.02
63) Phenanthrene-d10	17.78	188	1694318	20.00	ng	-0.02
75) Chrysene-d12	21.89	240	1627892	20.00	ng	-0.03
86) Perylene-d12	24.37	264	1606420	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.93	112	1325980	70.64	ng	-0.02
7) Phenol-d6	7.57	99	1125640	39.59	ng	-0.02
23) Nitrobenzene-d5	9.63	82	2819807	113.34	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	1226844	149.66	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	5767640	98.15	ng	-0.02
78) Terphenyl-d14	20.34	244	6616691	109.75	ng	-0.02

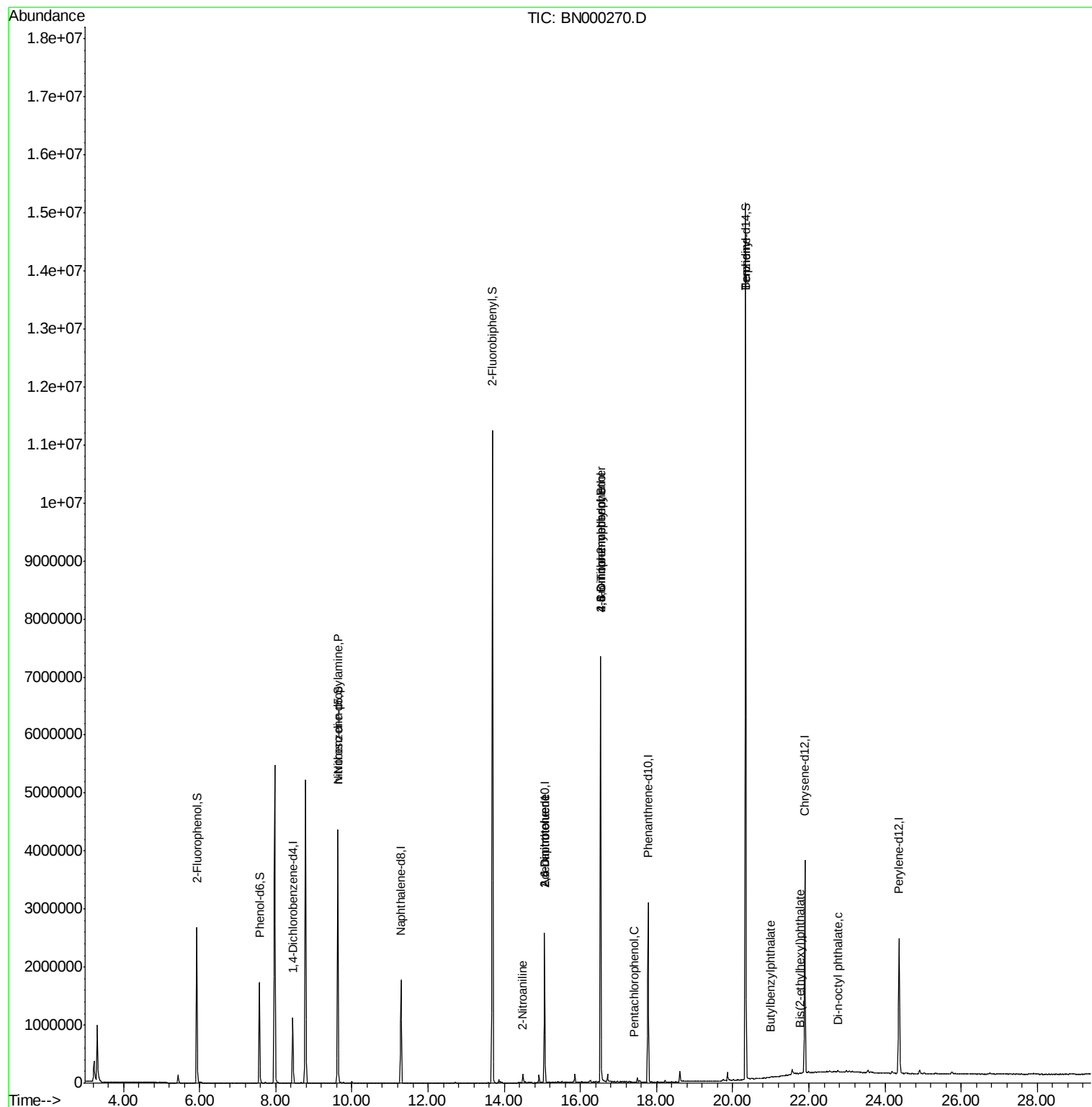
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.63	70	356949	18.735	ng	# 69
47) 2-Nitroaniline	14.49	65	1023	4.936	ng	# 1
50) 2,6-Dinitrotoluene	15.06	165	106271	7.436	ng	# 20
56) 2,4-Dinitrotoluene	15.06	165	106271	8.924	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.53	198	4254	9.141	ng	# 1
66) 4-Bromophenyl-phenylether	16.53	248	85387	5.300	ng	# 1
69) Pentachlorophenol	17.42	266	223	5.847	ng	# 34
76) Benzidine	20.34	184	110058	2.121	ng	# 91
79) Butylbenzylphthalate	21.00	149	1769	5.408	ng	# 60
83) Bis(2-ethylhexyl)phthalate	21.76	149	3872	2.953	ng	# 93
84) Di-n-octyl phthalate	22.77	149	3911	6.755	ng	# 1

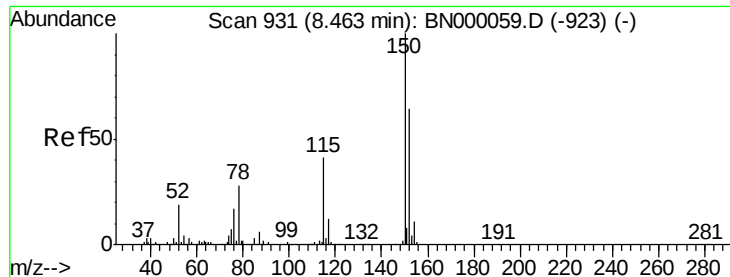
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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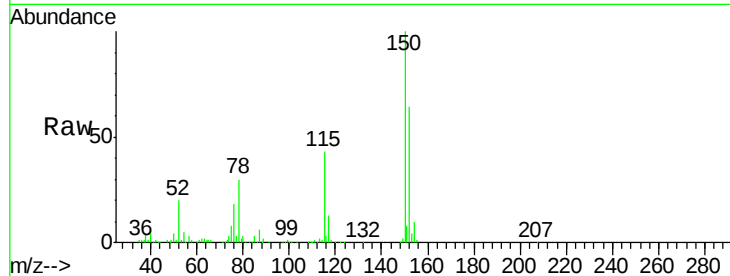


#1

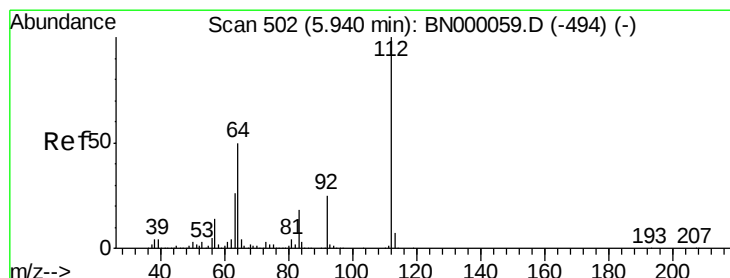
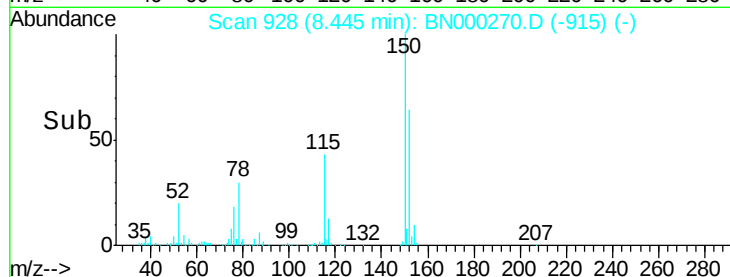
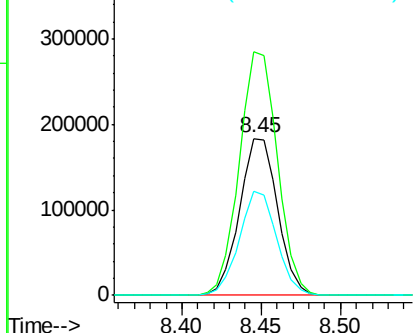
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.02 min
Lab File: BN000270.D
Acq: 06 Mar 2018 18:51

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.6	189.8
115	66.3	53.0	79.4



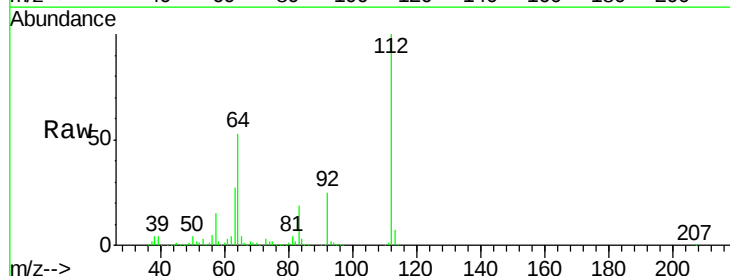
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



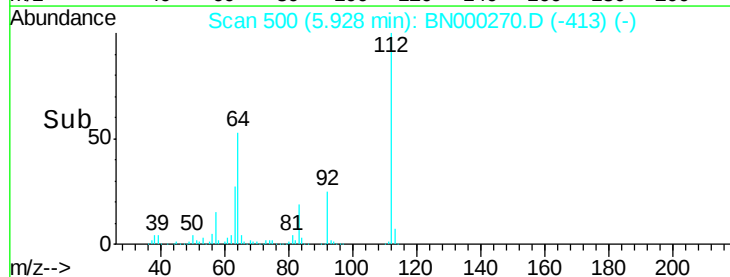
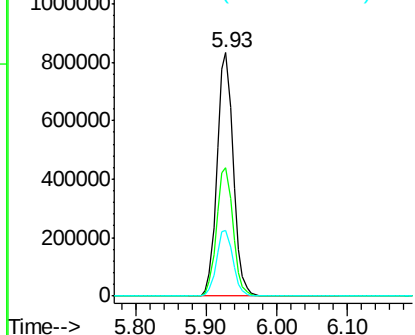
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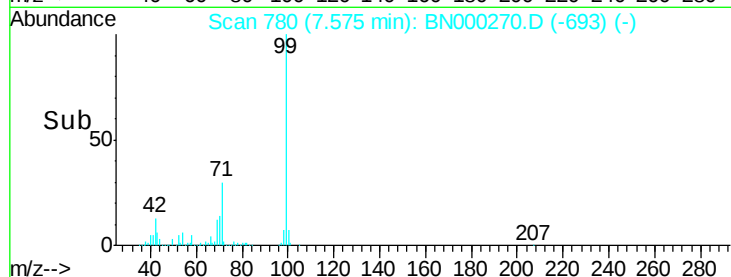
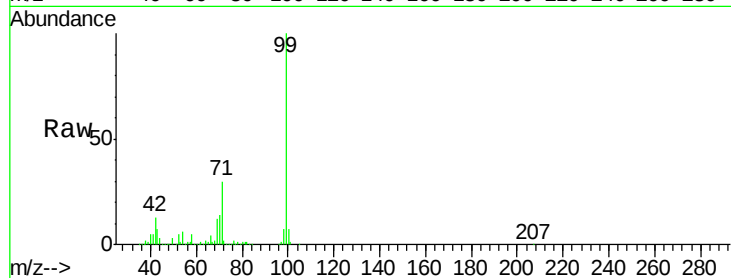
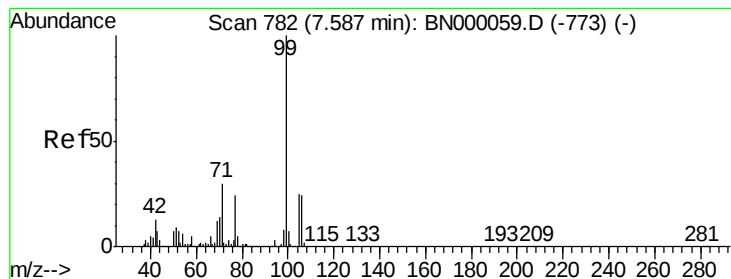
2-Fluorophenol
Concen: 70.643 ng
RT: 5.93 min Scan# 500
Delta R.T. -0.02 min
Lab File: BN000270.D
Acq: 06 Mar 2018 18:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	56.3	84.5#
63	27.2	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: 39.590 ng

RT: 7.57 min Scan# 780

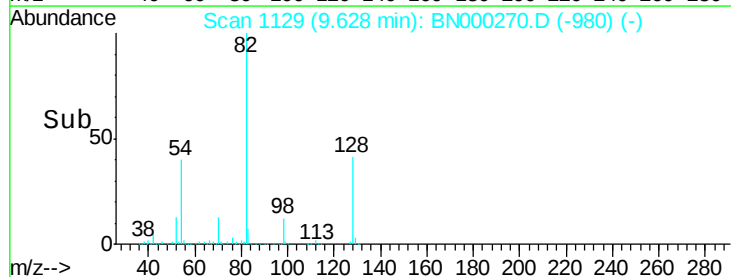
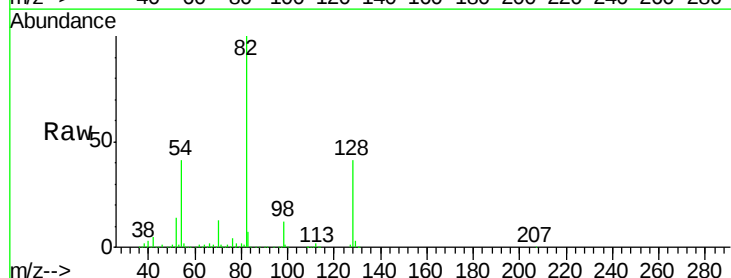
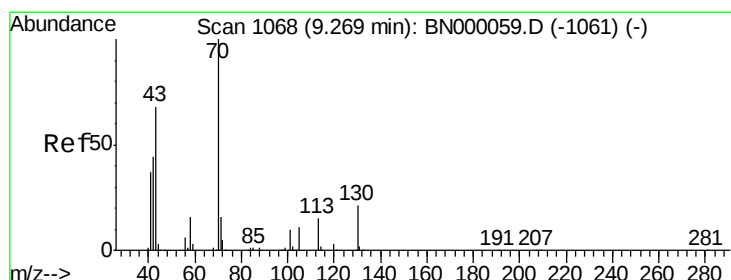
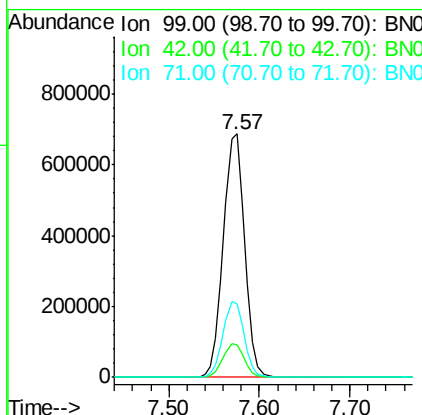
Delta R.T. -0.02 min

Lab File: BN000270.D

Acq: 06 Mar 2018 18:51

Tot Ion: 99 Resp: 1125640

Ion	Ratio	Lower	Upper
99	100		
42	13.1	14.1	21.1#
71	30.2	26.1	39.1



#19

n-Nitroso-di-n-propylamine

Concen: 18.735 ng

RT: 9.63 min Scan# 1129

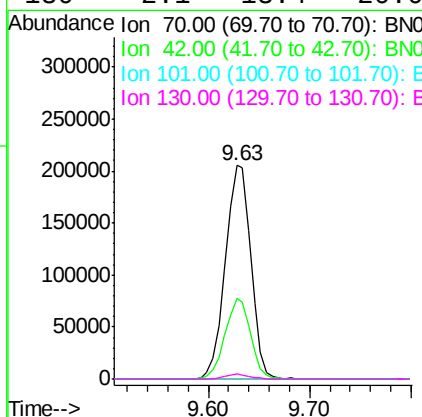
Delta R.T. 0.35 min

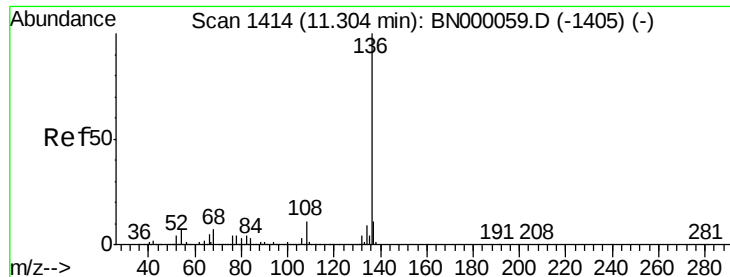
Lab File: BN000270.D

Acq: 06 Mar 2018 18:51

Tgt Ion: 70 Resp: 356949

Ion	Ratio	Lower	Upper
70	100		
42	37.6	49.1	73.7#
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#

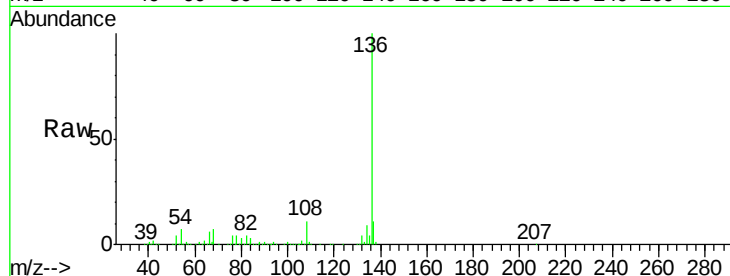




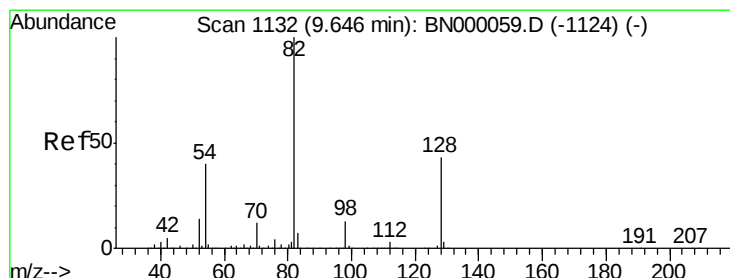
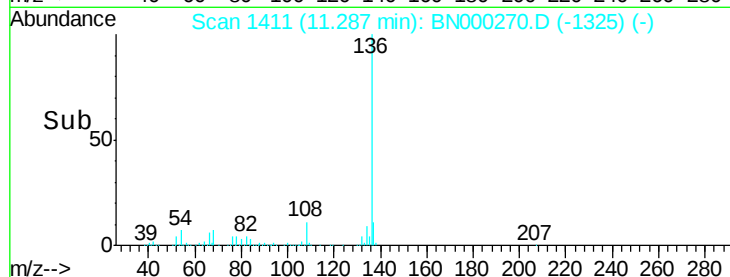
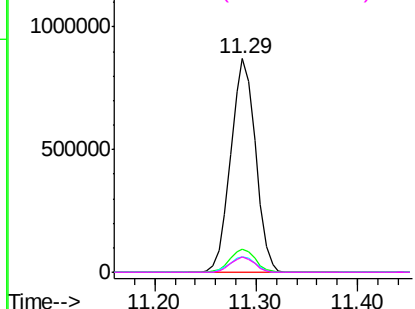
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.29 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BN000270.D
Acq: 06 Mar 2018 18:51

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136 Resp: 1479233
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 7.2 10.3 15.5#
68 7.0 4.5 6.7#

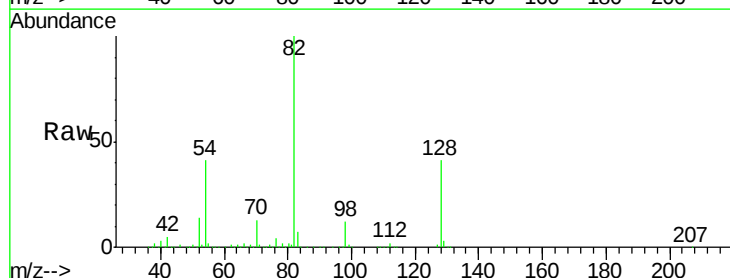


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

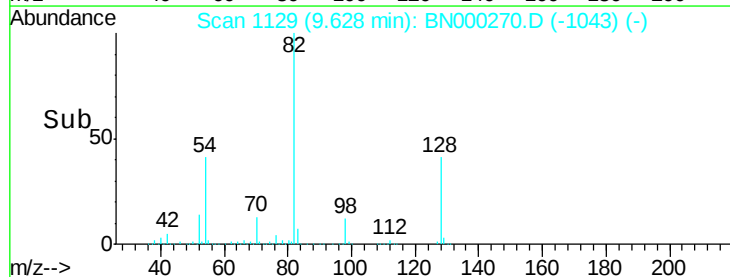
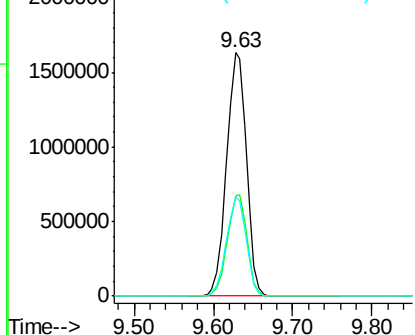


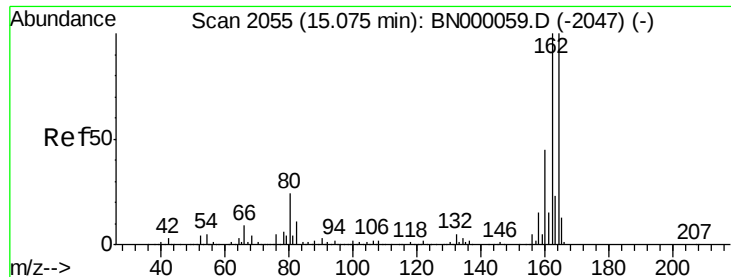
#23
Nitrobenzene-d5
Concen: 113.338 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BN000270.D
Acq: 06 Mar 2018 18:51

Tgt Ion: 82 Resp: 2819807
Ion Ratio Lower Upper
82 100
128 41.3 29.7 44.5
54 40.6 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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.06 min Scan# 2052

Delta R.T. -0.02 min

Lab File: BN000270.D

Acq: 06 Mar 2018 18:51

Instrument :

BNA_N

ClientSampleId :

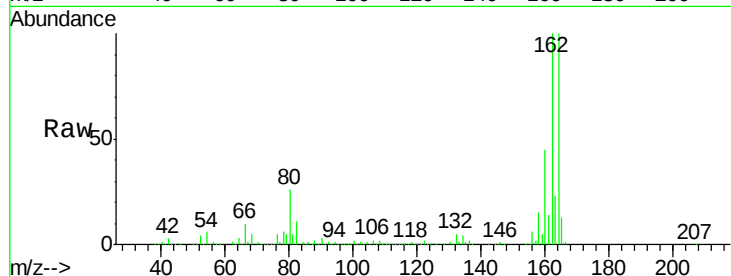
Tot Ion:164 Resp: 828187

Ion Ratio Lower Upper

164 100

162 100.0 78.8 118.2

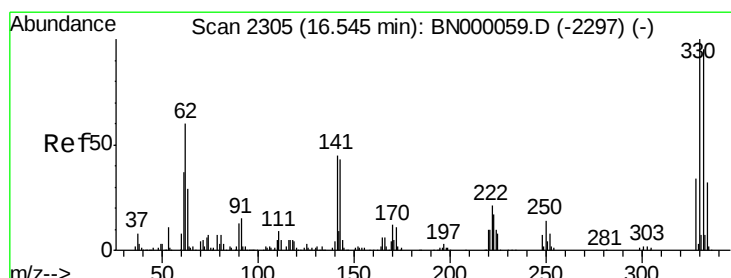
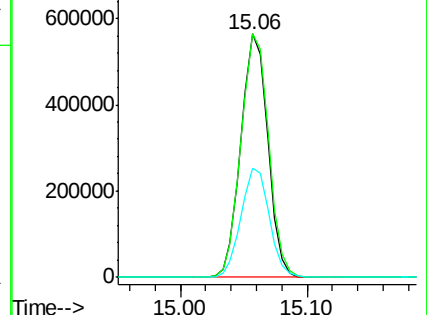
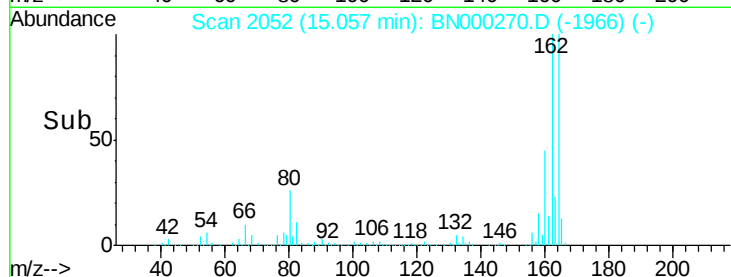
160 44.7 35.4 53.0



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: 149.655 ng

RT: 16.53 min Scan# 2303

Delta R.T. -0.02 min

Lab File: BN000270.D

Acq: 06 Mar 2018 18:51

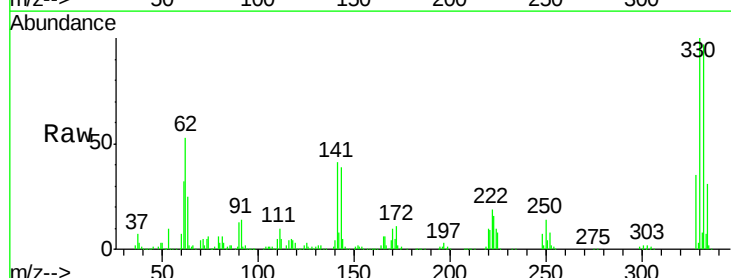
Tgt Ion:330 Resp: 1226844

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

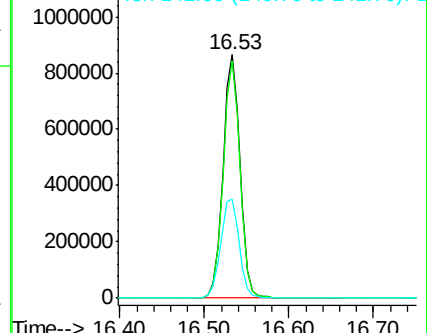
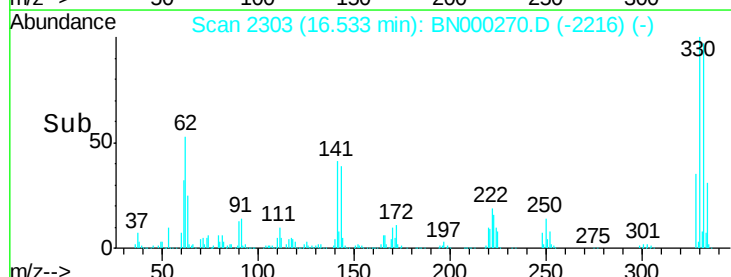
141 44.5 25.2 37.8#

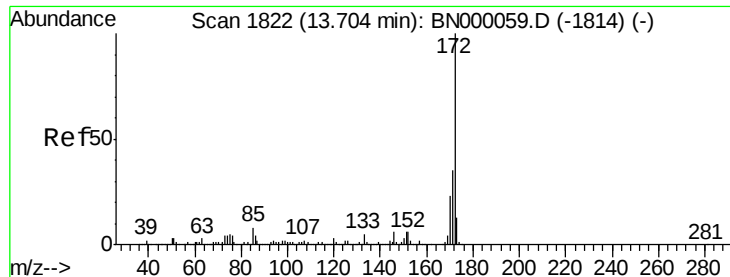


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

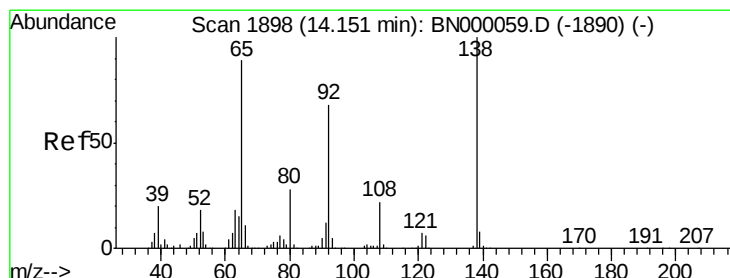
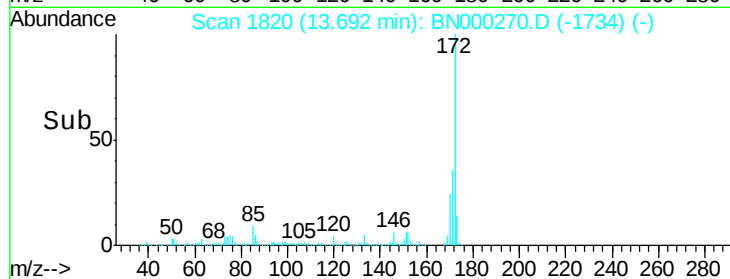
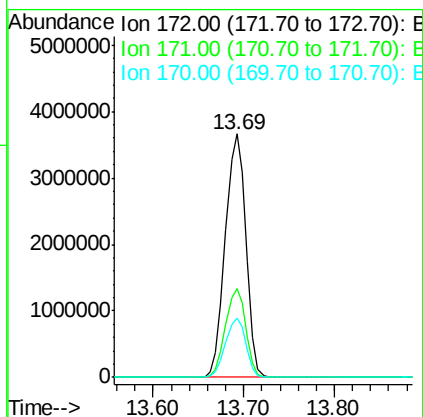
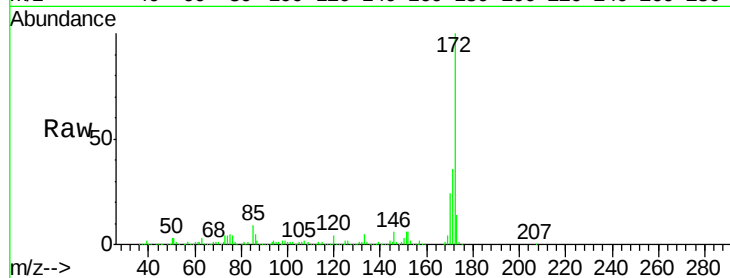




#44
2-Fluorobiphenyl
Concen: 98.154 ng
RT: 13.69 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BN000270.D
Acq: 06 Mar 2018 18:51

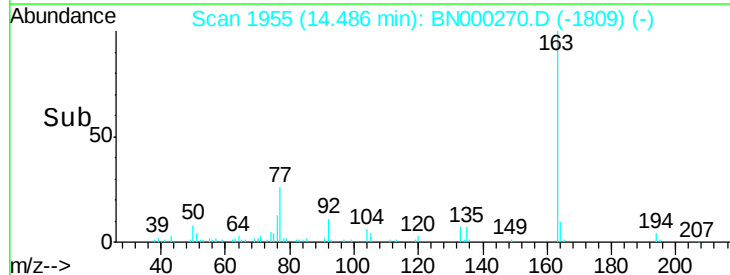
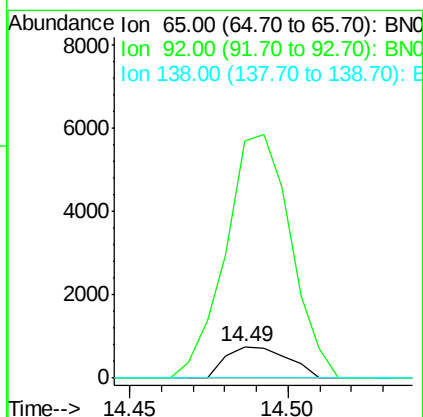
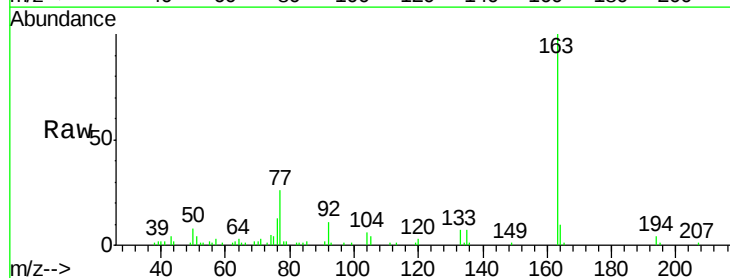
Instrument :
BNA_N
ClientSampled :

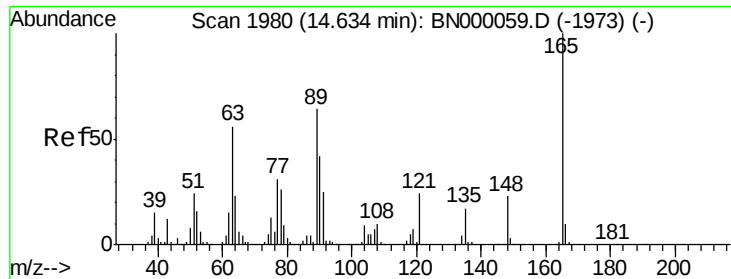
Tot Ion:172 Resp: 5767640
Ion Ratio Lower Upper
172 100
171 36.4 30.0 45.0
170 24.5 19.5 29.3



#47
2-Nitroaniline
Concen: 4.936 ng
RT: 14.49 min Scan# 1955
Delta R.T. 0.33 min
Lab File: BN000270.D
Acq: 06 Mar 2018 18:51

Tgt Ion: 65 Resp: 1023
Ion Ratio Lower Upper
65 100
92 747.5 54.6 82.0#
138 0.0 72.9 109.3#

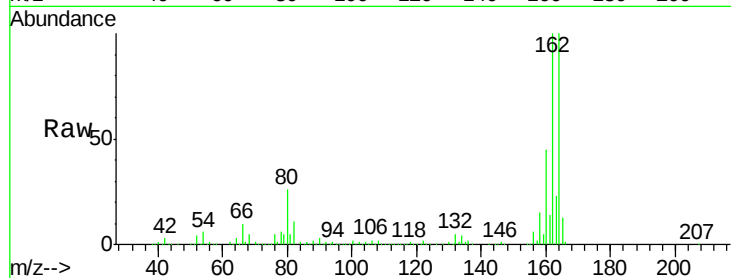




#50
 2,6-Dinitrotoluene
 Concen: 7.436 ng
 RT: 15.06 min Scan# 2052
 Delta R.T. 0.41 min
 Lab File: BN000270.D
 Acq: 06 Mar 2018 18:51

Instrument :
 BNA_N
 ClientSampleId :

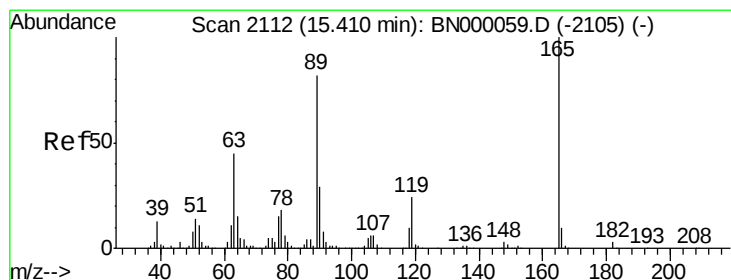
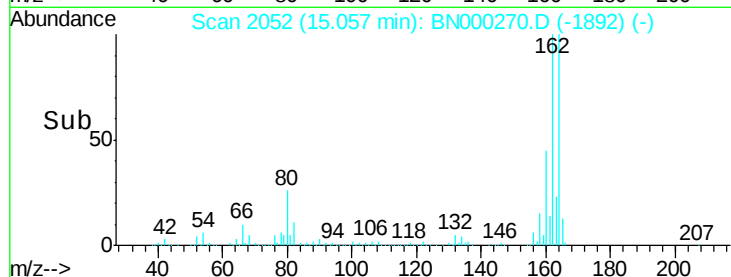
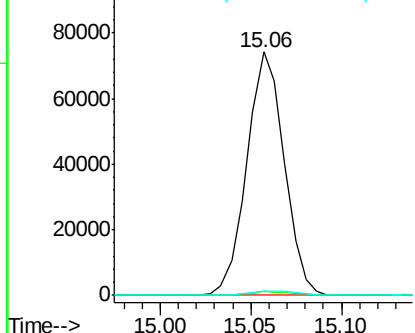
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	52.7	79.1#
89	1.6	49.2	73.8#



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



#56
 2,4-Dinitrotoluene
 Concen: 8.924 ng
 RT: 15.06 min Scan# 2052
 Delta R.T. -0.36 min
 Lab File: BN000270.D
 Acq: 06 Mar 2018 18:51

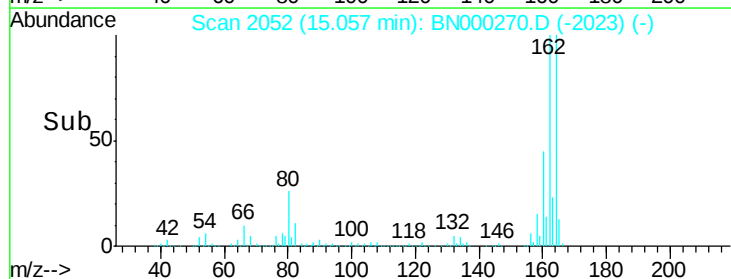
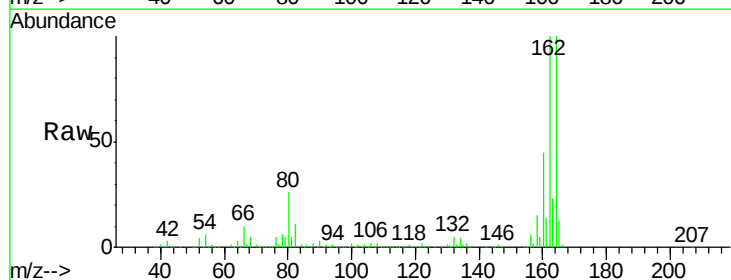
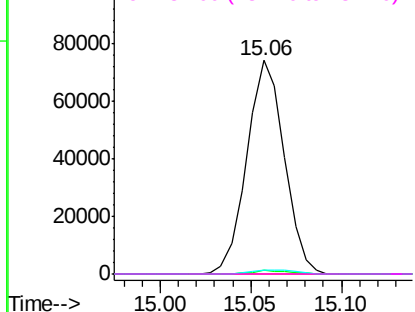
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.0	63.0#
89	1.6	66.9	100.3#
182	0.0	2.6	3.8#

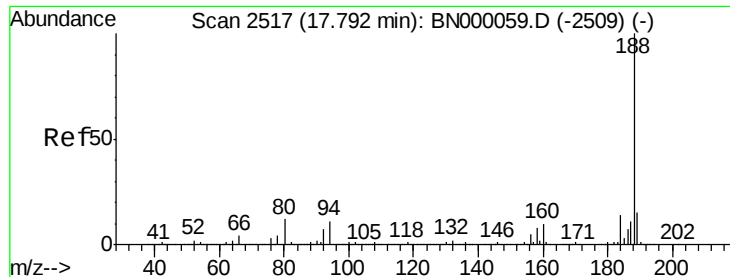
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E

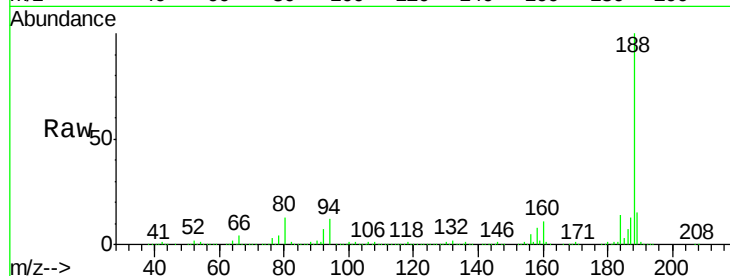




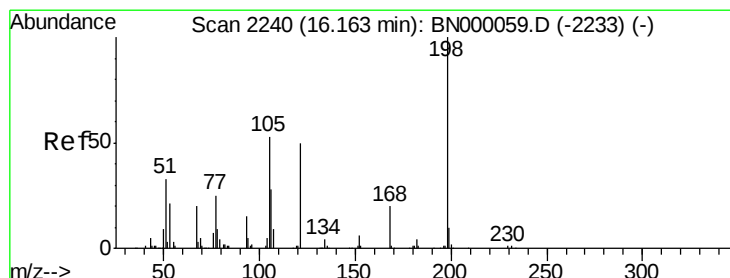
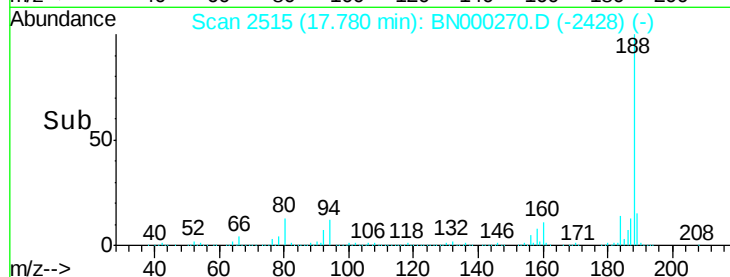
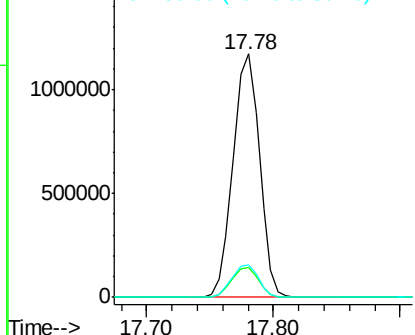
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.78 min Scan# 2515
 Delta R.T. -0.02 min
 Lab File: BN000270.D
 Acq: 06 Mar 2018 18:51

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:188 Resp: 1694318
 Ion Ratio Lower Upper
 188 100
 94 12.1 6.9 10.3#
 80 13.1 7.7 11.5#

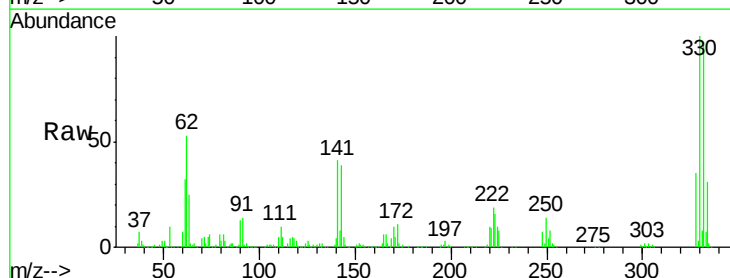


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BNC
 Ion 80.00 (79.70 to 80.70): BNC

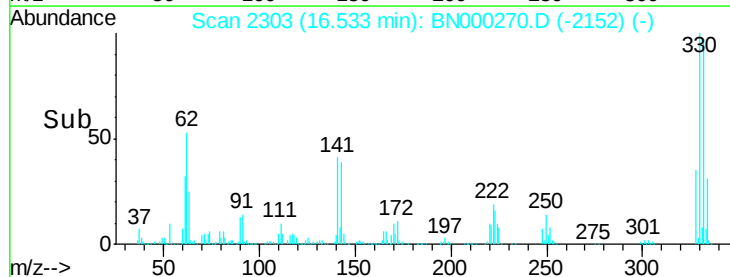
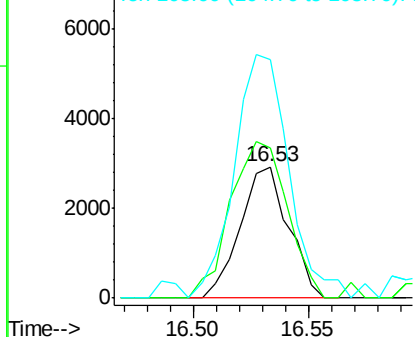


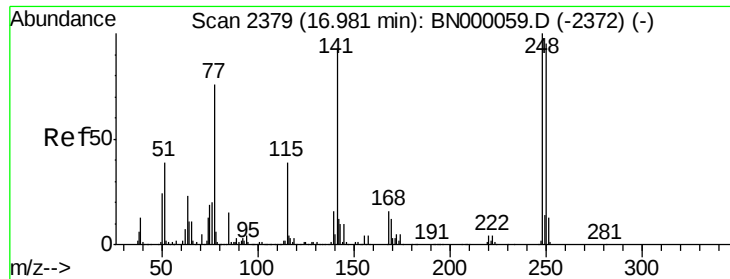
#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.141 ng
 RT: 16.53 min Scan# 2303
 Delta R.T. 0.36 min
 Lab File: BN000270.D
 Acq: 06 Mar 2018 18:51

Tgt Ion:198 Resp: 4254
 Ion Ratio Lower Upper
 198 100
 51 114.6 30.6 70.6#
 105 181.4 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

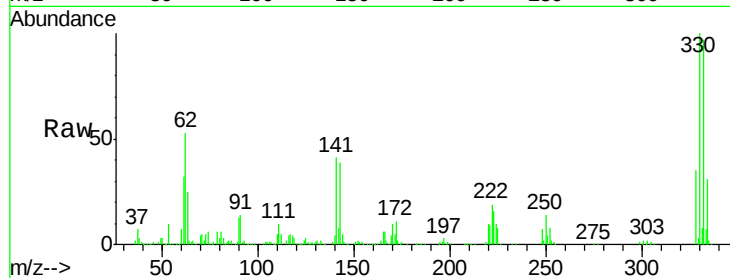




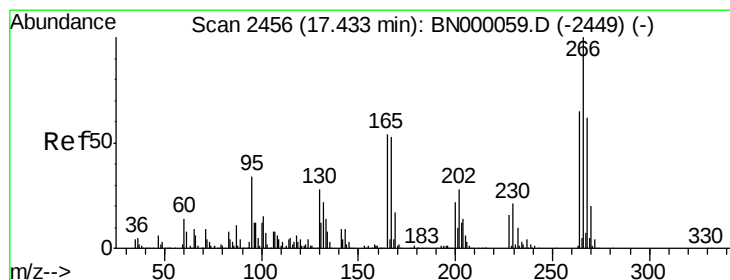
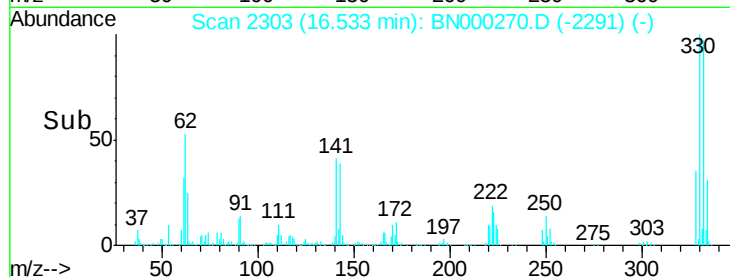
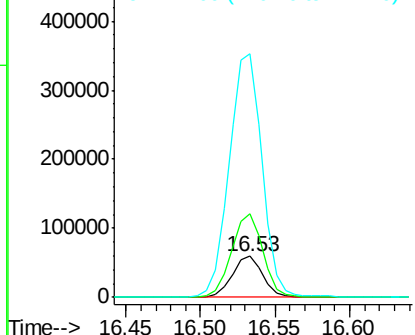
#66
4-Bromophenyl-phenylether
Concen: 5.300 ng
RT: 16.53 min Scan# 2303
Delta R.T. -0.46 min
Lab File: BN000270.D
Acq: 06 Mar 2018 18:51

Instrument :
BNA_N
ClientSampleId :

Tot Ion:248 Resp: 85387
Ion Ratio Lower Upper
248 100
250 202.6 77.1 115.7#
141 590.8 50.8 76.2#

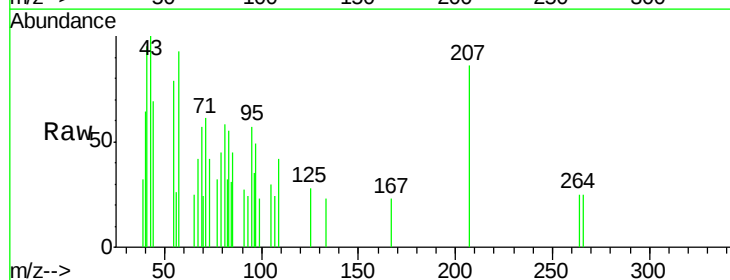


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

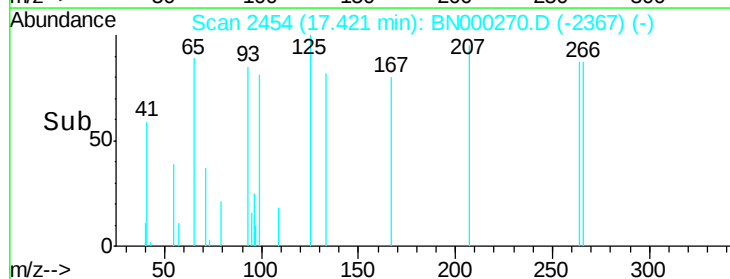
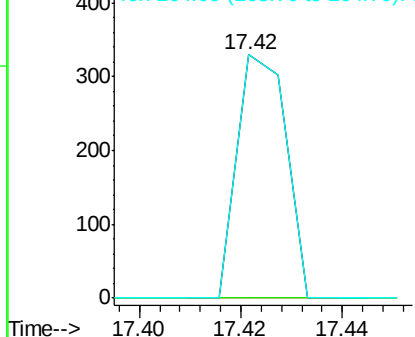


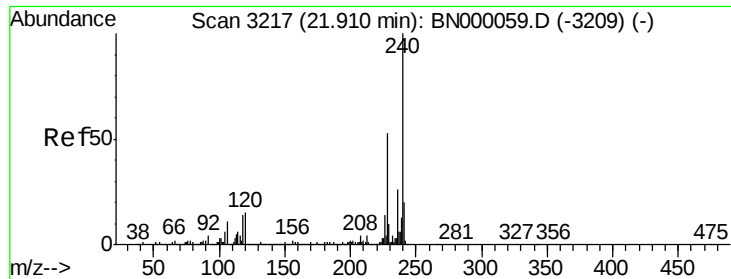
#69
Pentachlorophenol
Concen: 5.847 ng
RT: 17.42 min Scan# 2454
Delta R.T. -0.02 min
Lab File: BN000270.D
Acq: 06 Mar 2018 18:51

Tgt Ion:266 Resp: 223
Ion Ratio Lower Upper
266 100
268 0.0 51.1 76.7#
264 100.0 49.6 74.4#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.89 min Scan# 3214

Delta R.T. -0.03 min

Lab File: BN000270.D

Acq: 06 Mar 2018 18:51

Instrument :

BNA_N

ClientSampleId :

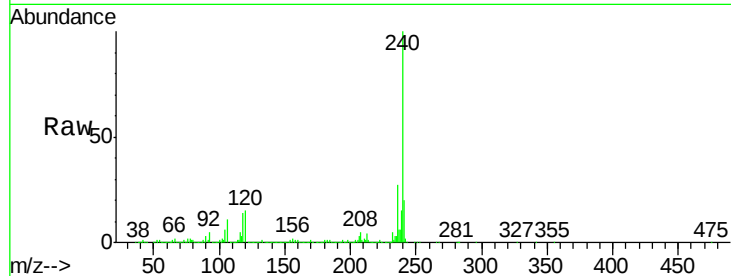
Tot Ion:240 Resp: 1627892

Ion Ratio Lower Upper

240 100

120 15.5 6.8 10.2#

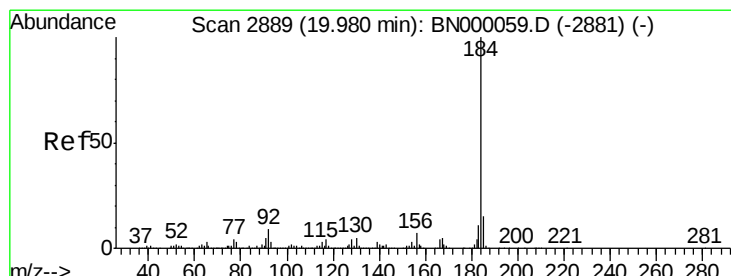
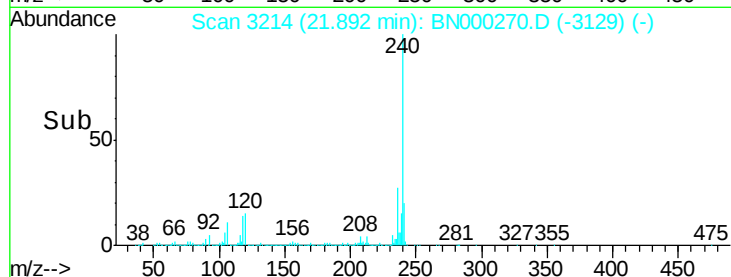
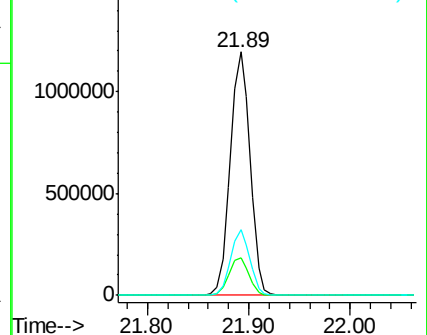
236 26.8 20.9 31.3



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: 2.121 ng

RT: 20.34 min Scan# 2950

Delta R.T. 0.35 min

Lab File: BN000270.D

Acq: 06 Mar 2018 18:51

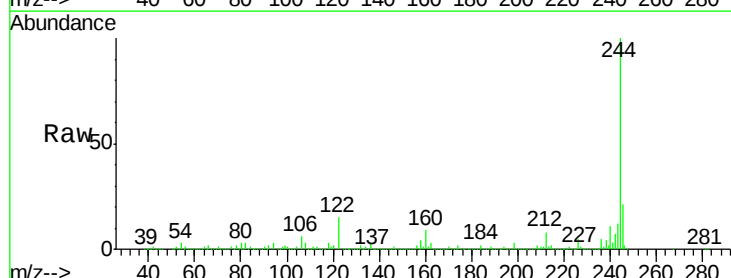
Tgt Ion:184 Resp: 110058

Ion Ratio Lower Upper

184 100

185 15.9 11.1 16.7

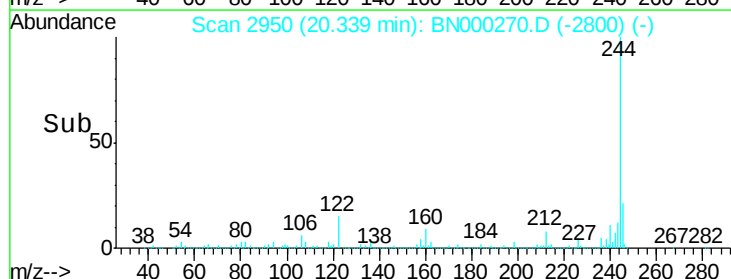
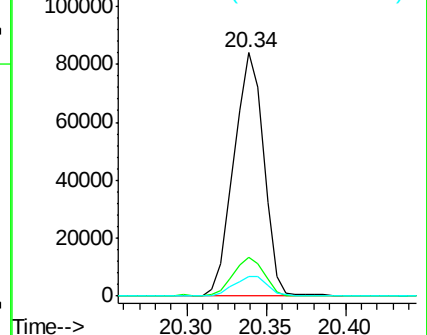
183 8.2 10.6 16.0#

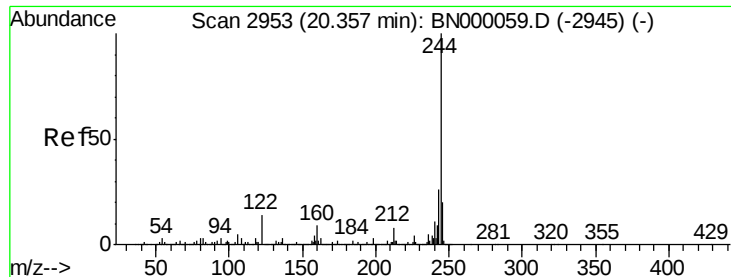


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

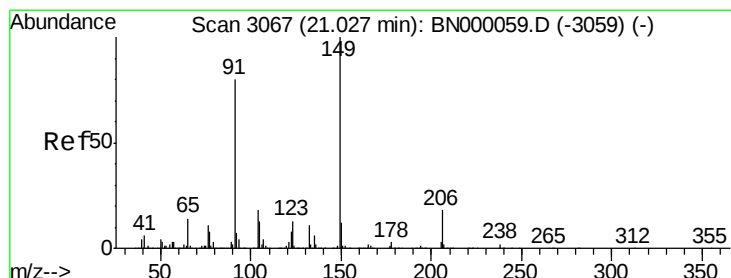
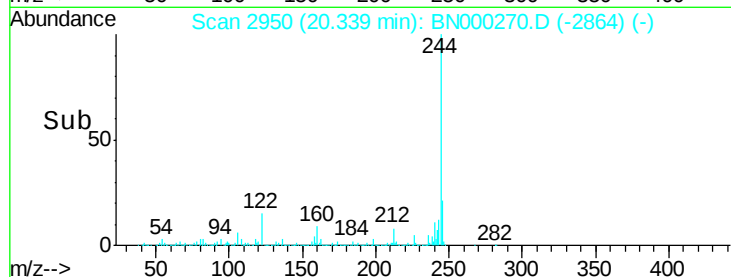
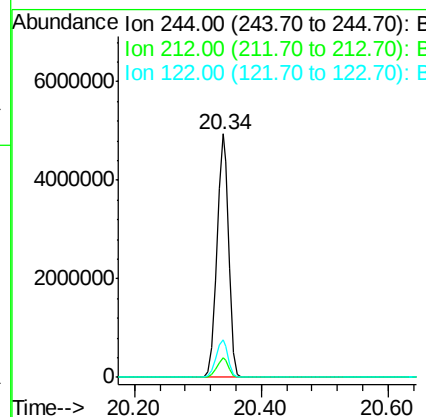
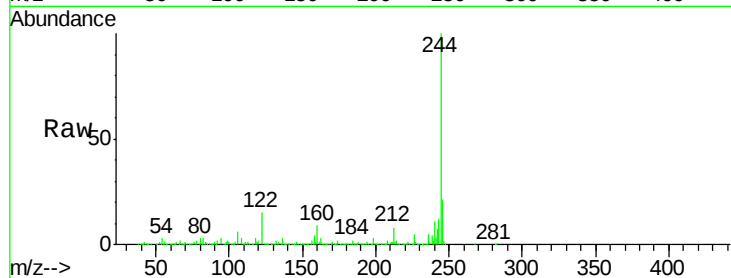




#78
 Terphenyl-d14
 Concen: 109.749 ng
 RT: 20.34 min Scan# 2950
 Delta R.T. -0.02 min
 Lab File: BN000270.D
 Acq: 06 Mar 2018 18:51

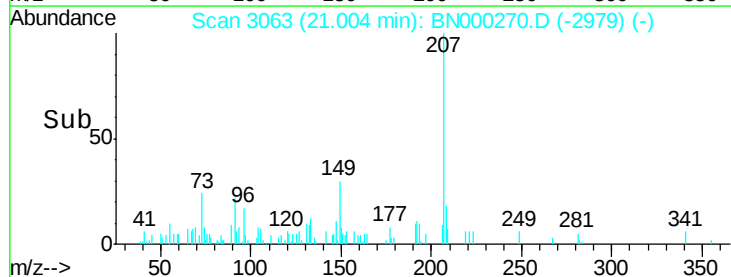
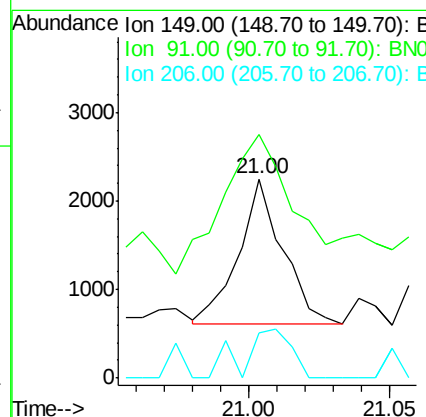
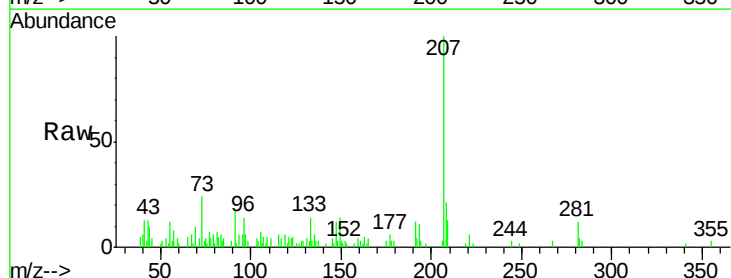
Instrument :
 BNA_N
 ClientSampleId :

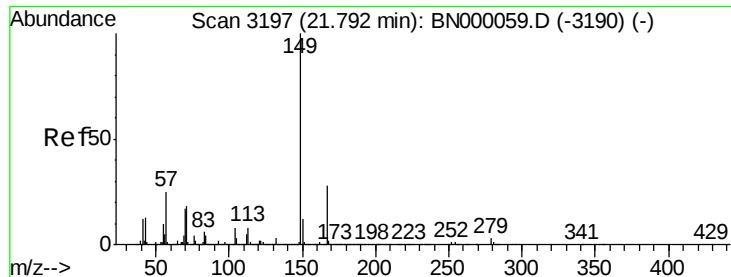
Tot Ion:244 Resp: 6616691
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 15.5 7.0 10.4#



#79
 Butylbenzylphthalate
 Concen: 5.408 ng
 RT: 21.00 min Scan# 3063
 Delta R.T. -0.04 min
 Lab File: BN000270.D
 Acq: 06 Mar 2018 18:51

Tgt Ion:149 Resp: 1769
 Ion Ratio Lower Upper
 149 100
 91 122.4 62.2 93.2#
 206 22.9 18.6 27.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.953 ng

RT: 21.76 min Scan# 3192

Delta R.T. -0.05 min

Lab File: BN000270.D

Acq: 06 Mar 2018 18:51

Instrument :

BNA_N

ClientSampleId :

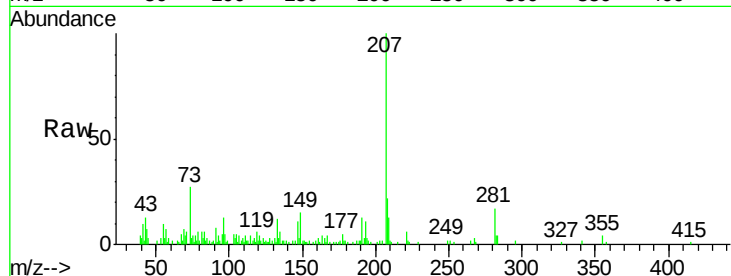
Tot Ion:149 Resp: 3872

Ion Ratio Lower Upper

149 100

167 27.6 24.3 36.5

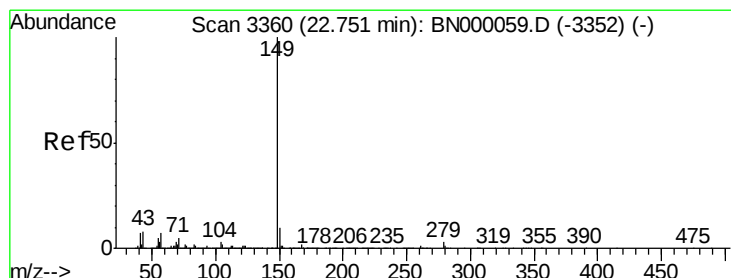
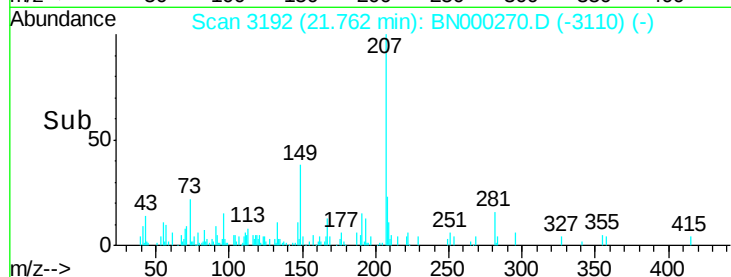
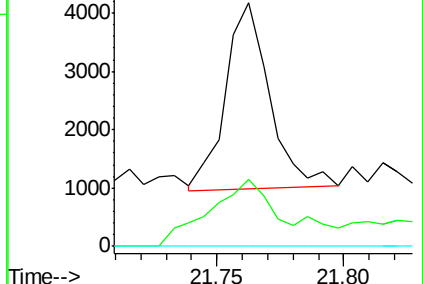
279 0.0 4.0 6.0#



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



#84

Di-n-octyl phthalate

Concen: 6.755 ng

RT: 22.77 min Scan# 3363

Delta R.T. -0.01 min

Lab File: BN000270.D

Acq: 06 Mar 2018 18:51

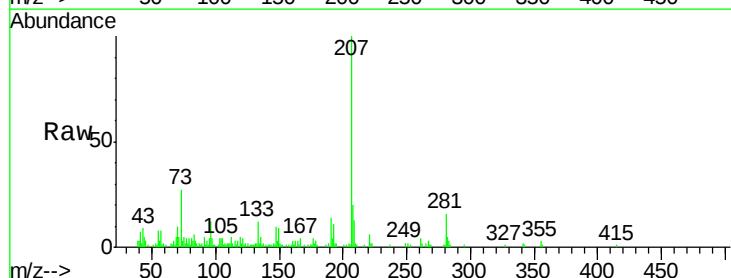
Tgt Ion:149 Resp: 3911

Ion Ratio Lower Upper

149 100

167 71.4 1.4 2.0#

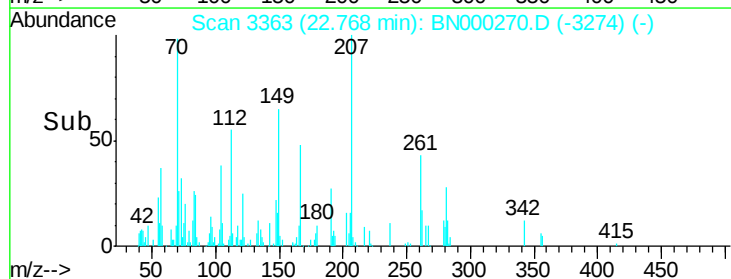
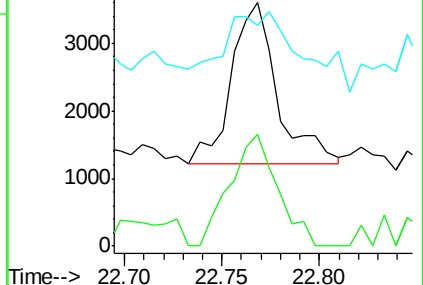
43 84.7 8.9 13.3#

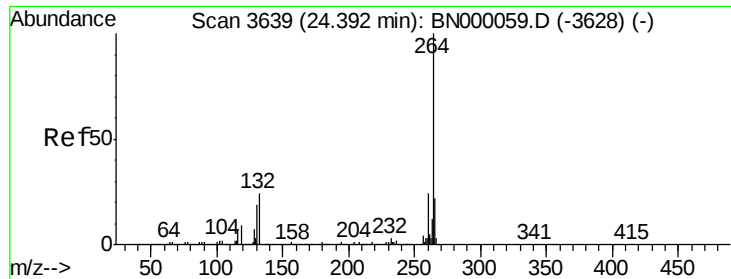


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC



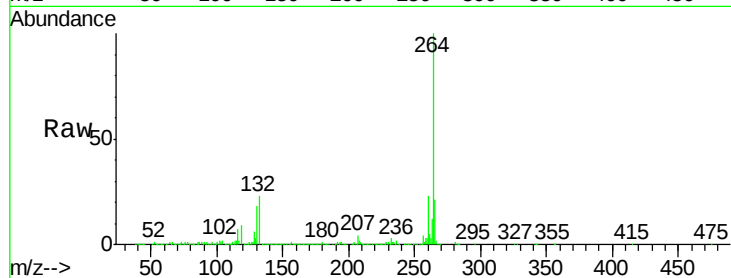


#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.37 min Scan# 3635
Delta R.T. -0.05 min
Lab File: BN000270.D
Acq: 06 Mar 2018 18:51

Instrument :
BNA_N
ClientSampleId :

Tot Ion:264 Resp: 1606420

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	20.9	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

