

Data Path : Z:\HPCHEM1\BNA N\DATA\BN030618\
 Data File : BN000266.D
 Acq On : 06 Mar 2018 16:33
 Operator : JU/SJ
 Sample : J1699-37
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 07 04:30:53 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	300114	20.00	ng	-0.02
21) Naphthalene-d8	11.29	136	1449605	20.00	ng	-0.02
38) Acenaphthene-d10	15.06	164	820895	20.00	ng	-0.02
63) Phenanthrene-d10	17.78	188	1719383	20.00	ng	-0.02
75) Chrysene-d12	21.90	240	1699322	20.00	ng	-0.02
86) Perylene-d12	24.38	264	1706650	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.93	112	1817540	98.70	ng	-0.02
7) Phenol-d6	7.58	99	2585071	92.68	ng	-0.02
23) Nitrobenzene-d5	9.63	82	1483078	60.83	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	659997	81.22	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	3033982	52.09	ng	-0.02
78) Terphenyl-d14	20.34	244	3725960	59.20	ng	-0.02

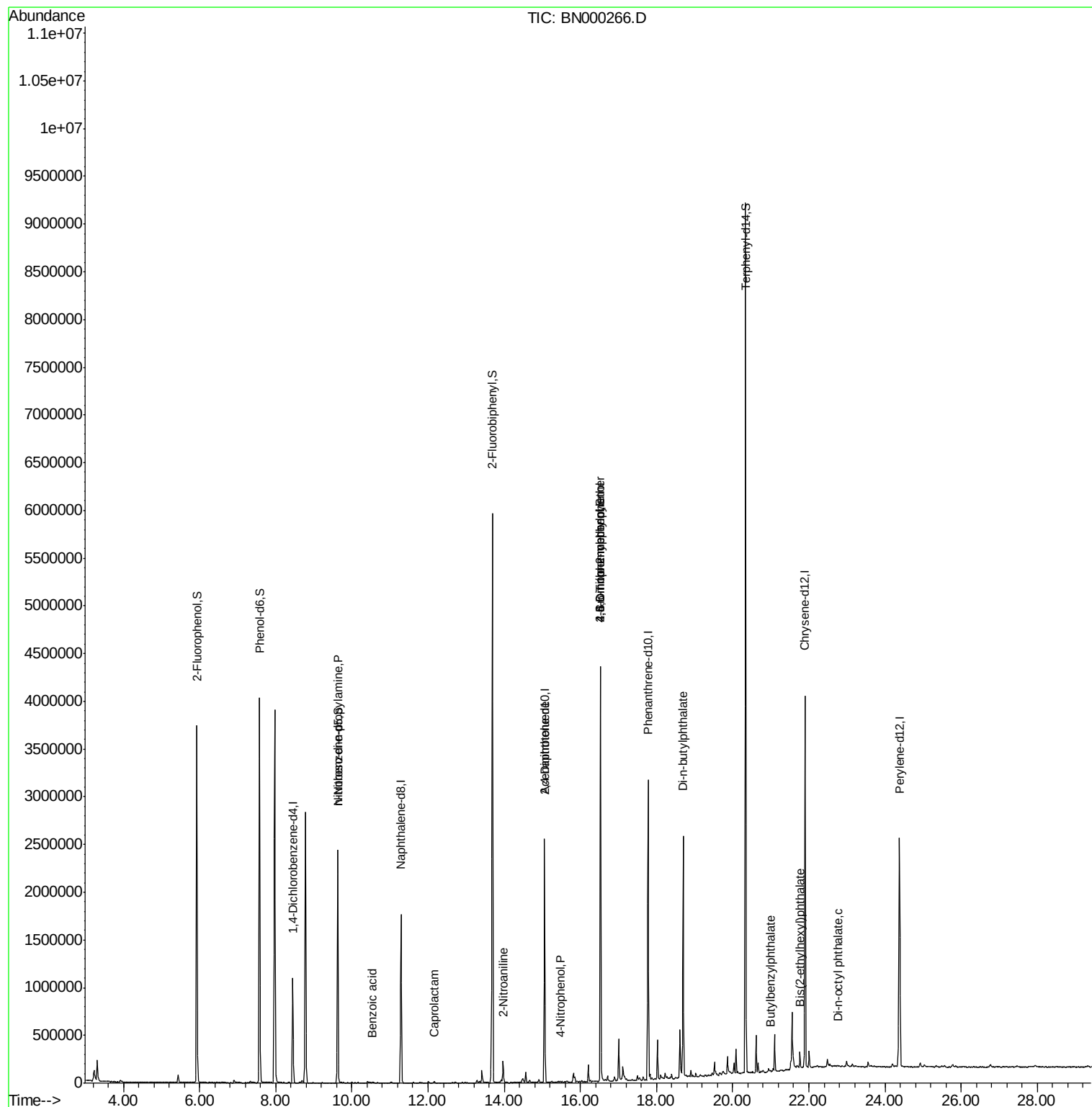
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.63	70	190014	10.166	ng	# 68
32) Benzoic acid	10.53	122	128	10.549	ng	# 88
35) Caprolactam	12.16	113	2044	4.230	ng	# 95
47) 2-Nitroaniline	13.97	65	8073	5.334	ng	# 22
55) 4-Nitrophenol	15.46	139	107	4.984	ng	# 52
56) 2,4-Dinitrotoluene	15.06	165	106597	8.981	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.53	198	2176	8.926	ng	# 1
66) 4-Bromophenyl-phenylether	16.53	248	47640	2.914	ng	# 1
73) Di-n-butylphthalate	18.70	149	1723817	15.762	ng	# 98
79) Butylbenzylphthalate	21.01	149	2012	5.411	ng	# 60
83) Bis(2-ethylhexyl)phthalate	21.77	149	54440	3.576	ng	# 93
84) Di-n-octyl phthalate	22.78	149	2252	6.744	ng	# 38

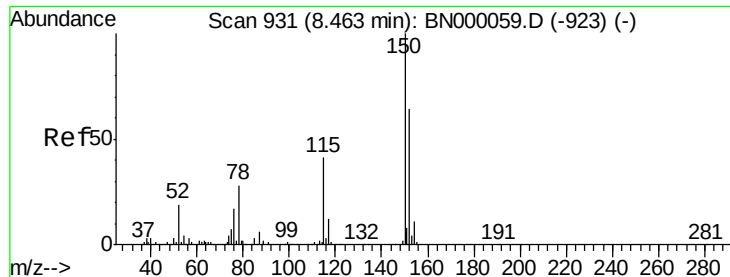
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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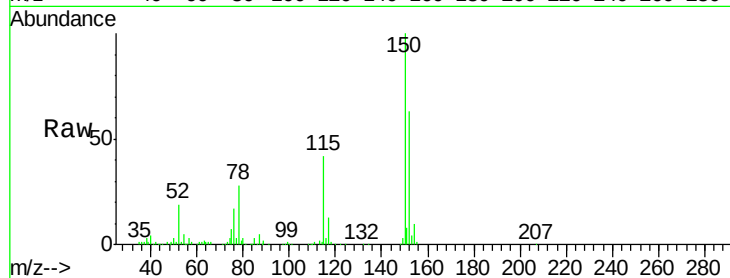


#1

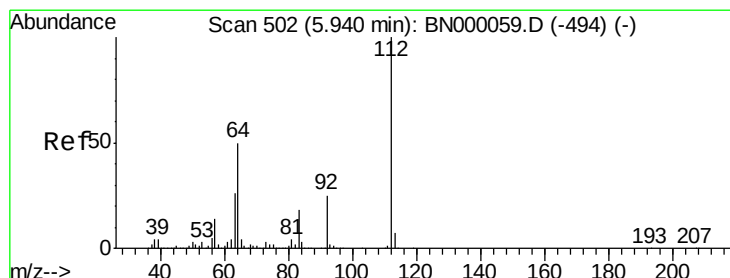
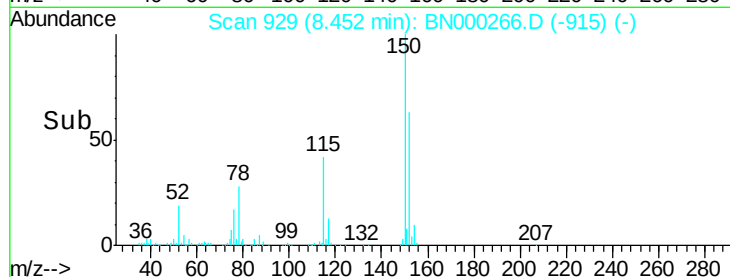
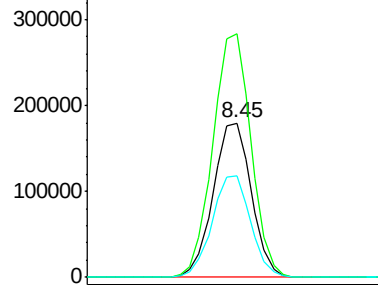
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 929
Delta R.T. -0.02 min
Lab File: BN000266.D
Acq: 06 Mar 2018 16:33

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 300114
Ion Ratio Lower Upper
152 100
150 157.9 126.6 189.8
115 65.7 53.0 79.4



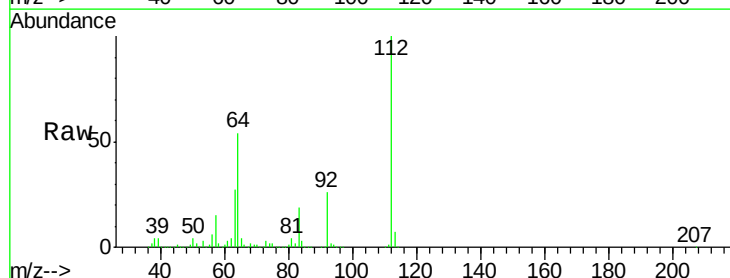
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



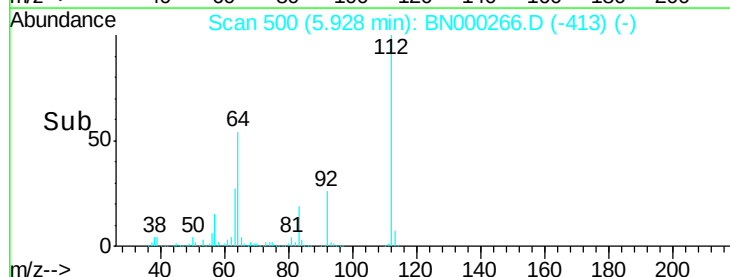
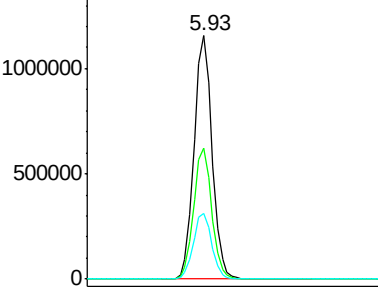
#5

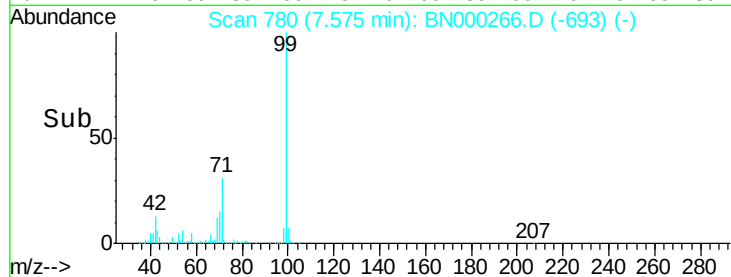
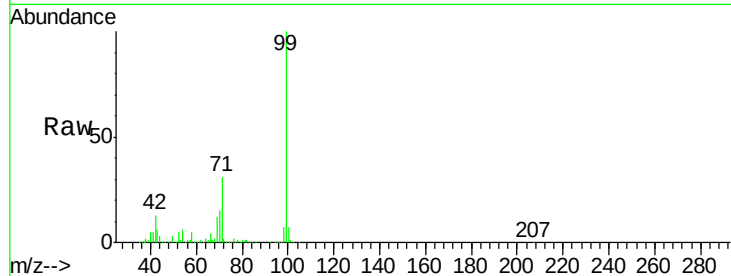
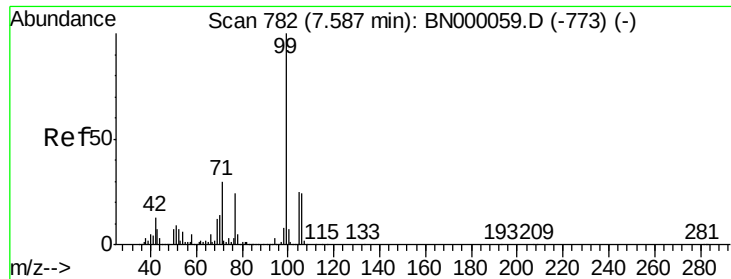
2-Fluorophenol
Concen: 98.701 ng
RT: 5.93 min Scan# 500
Delta R.T. -0.02 min
Lab File: BN000266.D
Acq: 06 Mar 2018 16:33

Tgt Ion:112 Resp: 1817540
Ion Ratio Lower Upper
112 100
64 53.6 56.3 84.5#
63 26.8 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: 92.676 ng

RT: 7.58 min Scan# 780

Delta R.T. -0.02 min

Lab File: BN000266.D

Acq: 06 Mar 2018 16:33

Instrument :

BNA_N

ClientSampleId :

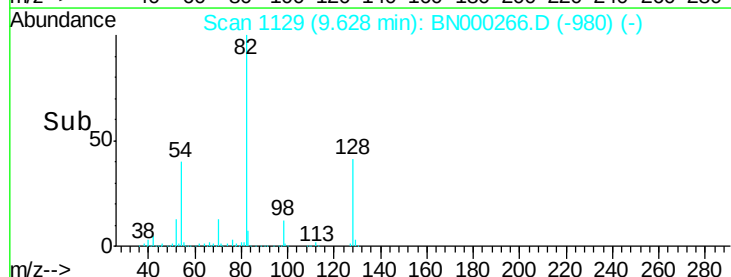
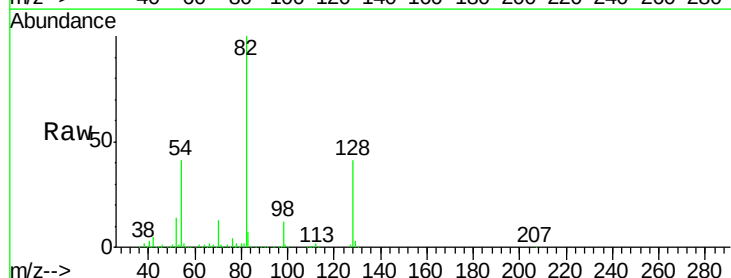
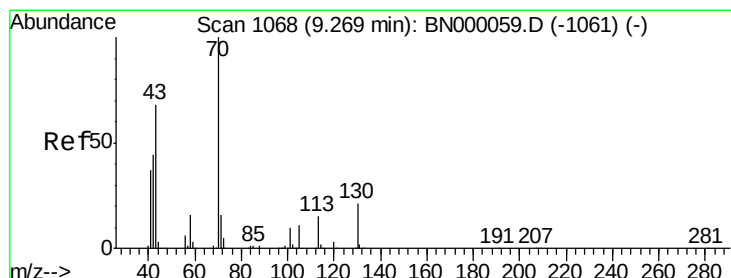
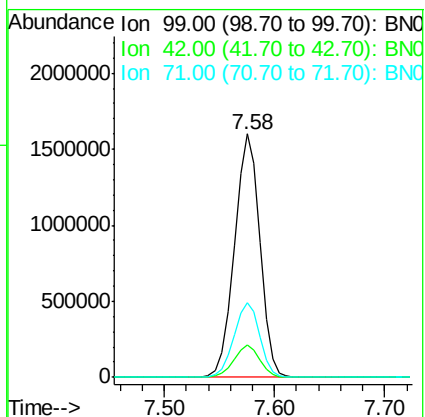
Tot Ion: 99 Resp: 2585071

Ion Ratio Lower Upper

99 100

42 13.1 14.1 21.1#

71 30.8 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 10.166 ng

RT: 9.63 min Scan# 1129

Delta R.T. 0.35 min

Lab File: BN000266.D

Acq: 06 Mar 2018 16:33

Tgt Ion: 70 Resp: 190014

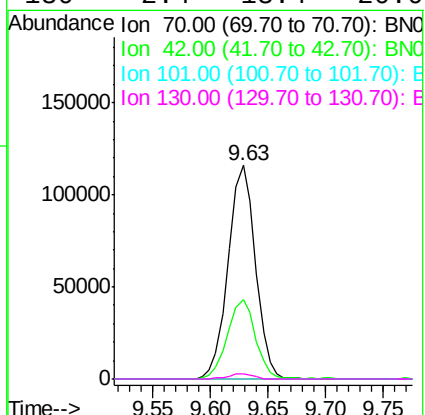
Ion Ratio Lower Upper

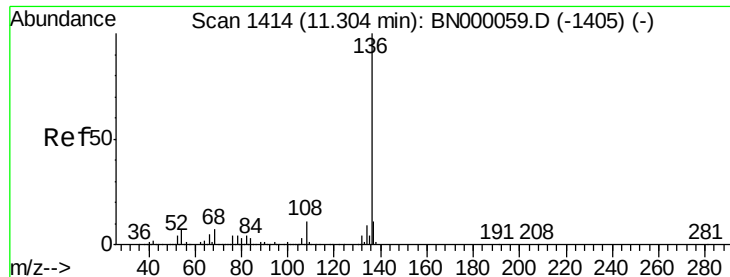
70 100

42 37.0 49.1 73.7#

101 0.0 8.5 12.7#

130 2.4 13.4 20.0#

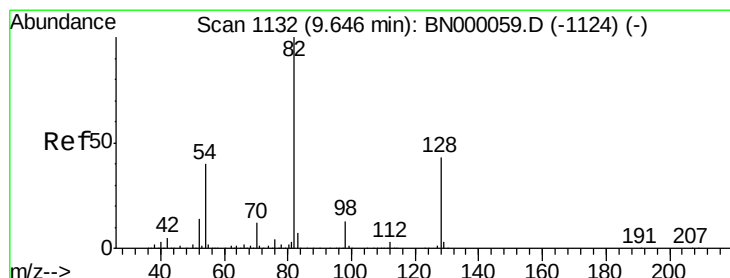
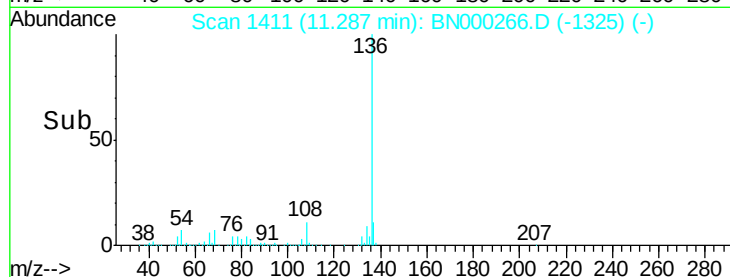
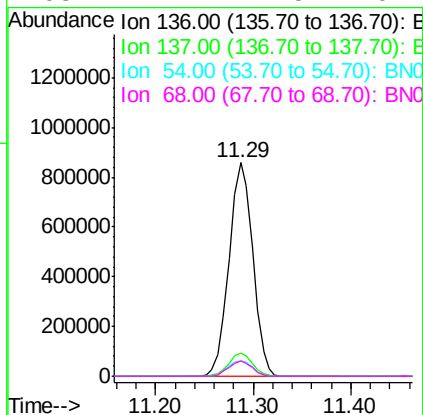
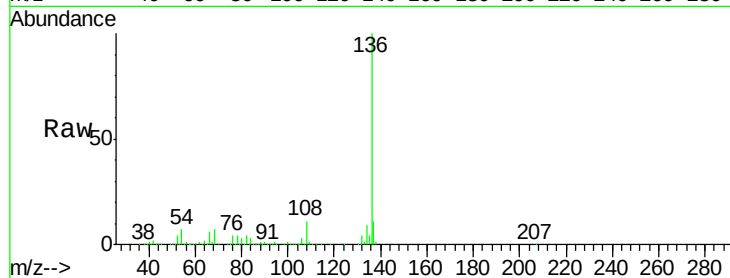




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.29 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BN000266.D
Acq: 06 Mar 2018 16:33

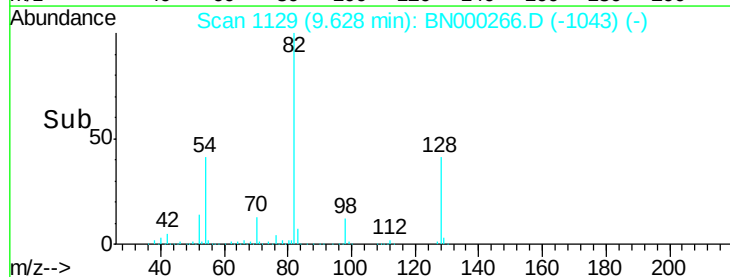
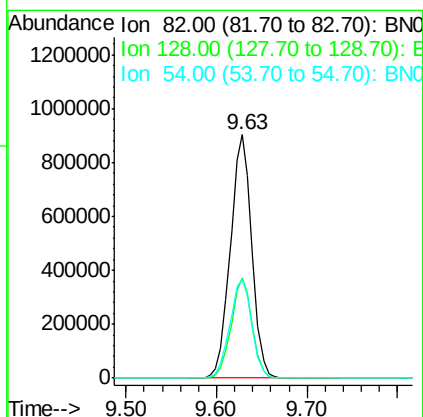
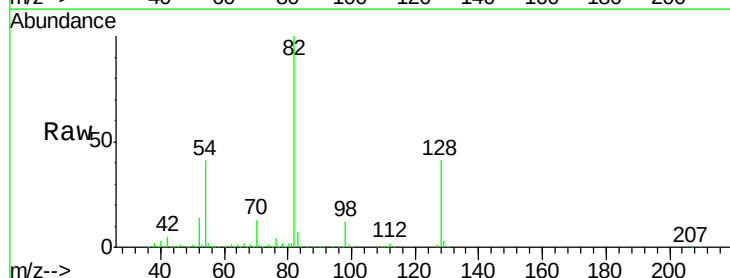
Instrument :
BNA_N
ClientSampleId :

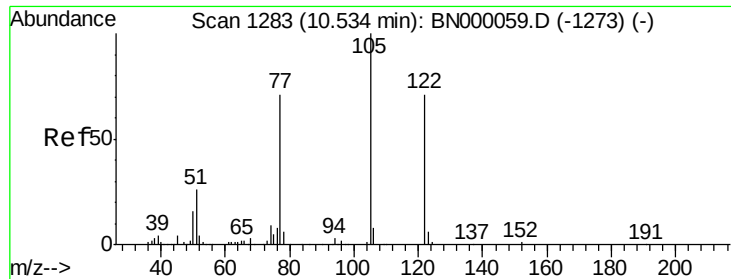
Tot Ion:136	Resp: 1449605
Ion Ratio	Lower Upper
136 100	
137 11.0	9.2 13.8
54 7.5	10.3 15.5#
68 7.2	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 60.829 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BN000266.D
Acq: 06 Mar 2018 16:33

Tgt Ion: 82	Resp: 1483078
Ion Ratio	Lower Upper
82 100	
128 41.1	29.7 44.5
54 40.6	43.1 64.7#

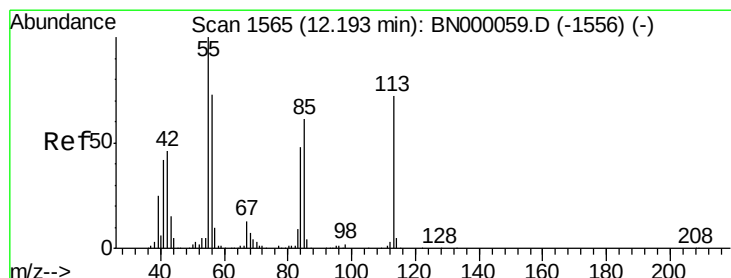
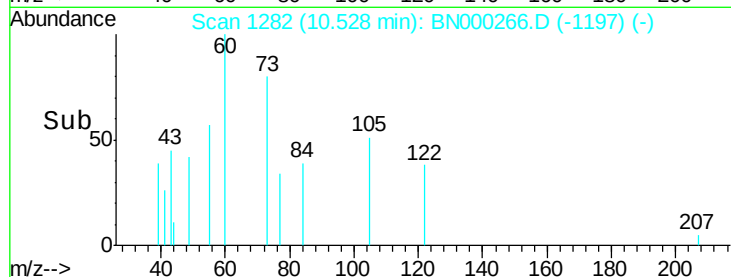
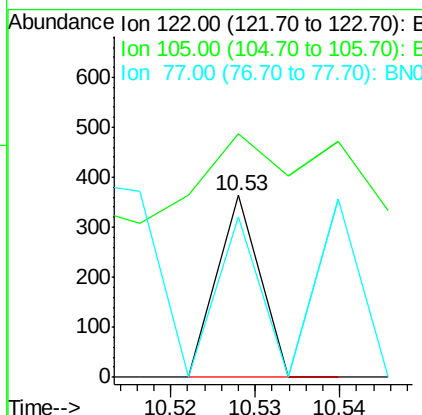
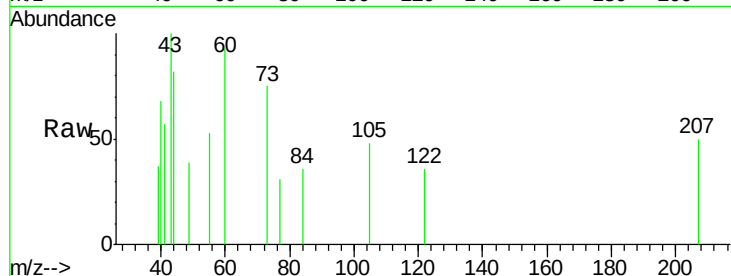




#32
Benzoic acid
Concen: 10.549 ng
RT: 10.53 min Scan# 1282
Delta R.T. -0.03 min
Lab File: BN000266.D
Acq: 06 Mar 2018 16:33

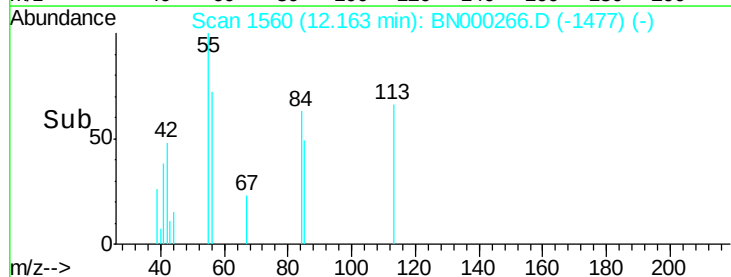
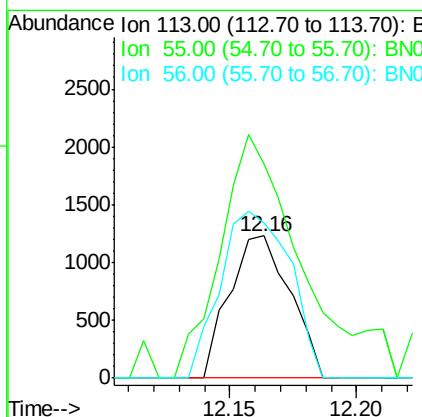
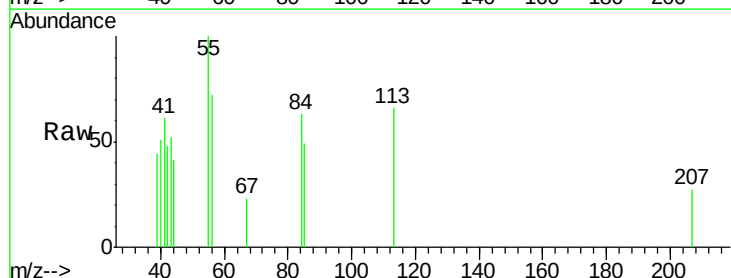
Instrument :
BNA_N
ClientSampleId :

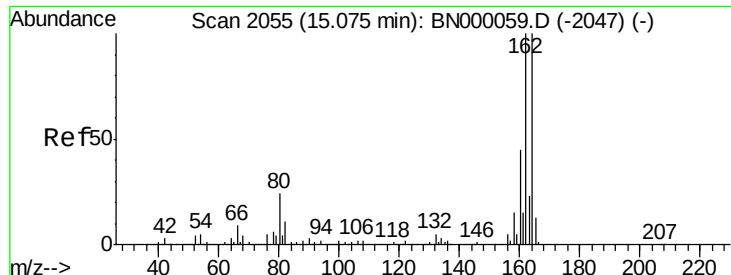
Tot Ion:122 Resp: 128
Ion Ratio Lower Upper
122 100
105 133.8 123.5 163.5
77 87.9 85.7 125.7



#35
Caprolactam
Concen: 4.230 ng
RT: 12.16 min Scan# 1560
Delta R.T. -0.04 min
Lab File: BN000266.D
Acq: 06 Mar 2018 16:33

Tgt Ion:113 Resp: 2044
Ion Ratio Lower Upper
113 100
55 150.9 120.0 160.0
56 109.0 90.0 130.0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.06 min Scan# 2052

Delta R.T. -0.02 min

Lab File: BN000266.D

Acq: 06 Mar 2018 16:33

Instrument :

BNA_N

ClientSampleId :

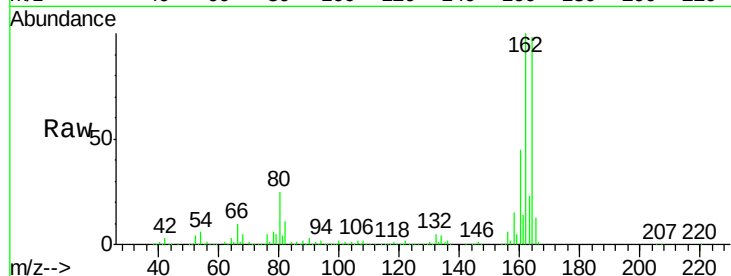
Tot Ion:164 Resp: 820895

Ion Ratio Lower Upper

164 100

162 101.8 78.8 118.2

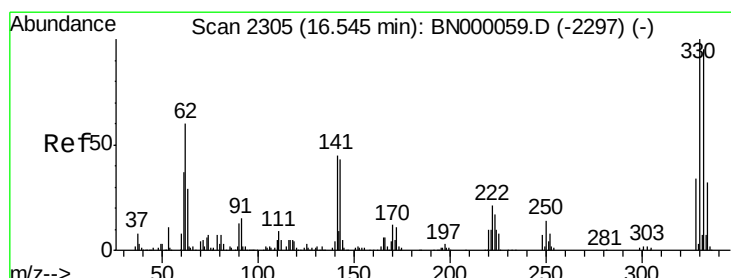
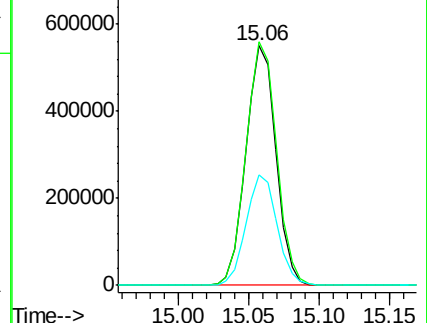
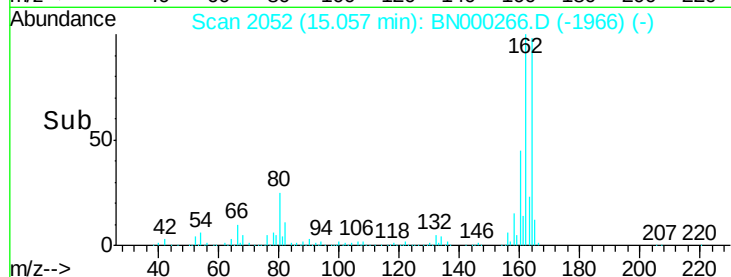
160 46.3 35.4 53.0



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: 81.224 ng

RT: 16.53 min Scan# 2302

Delta R.T. -0.02 min

Lab File: BN000266.D

Acq: 06 Mar 2018 16:33

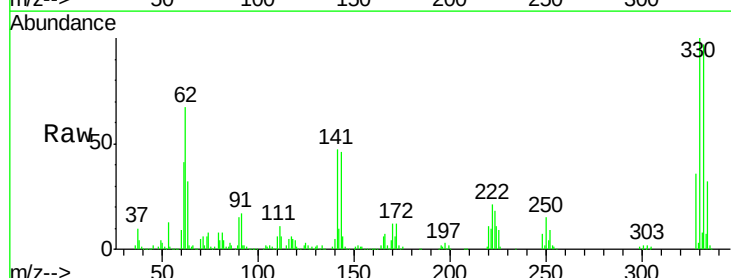
Tgt Ion:330 Resp: 659997

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

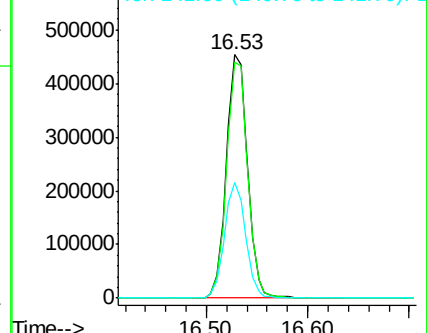
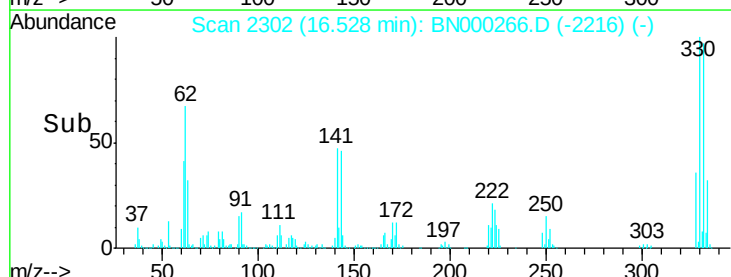
141 47.4 25.2 37.8#

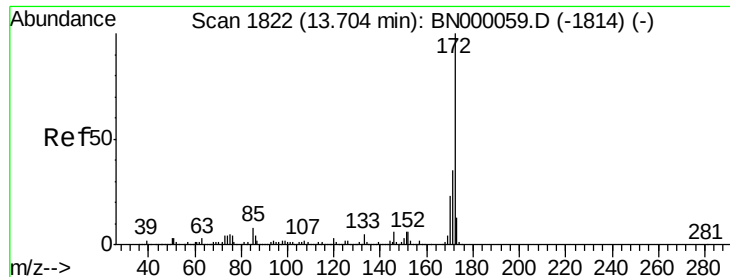


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

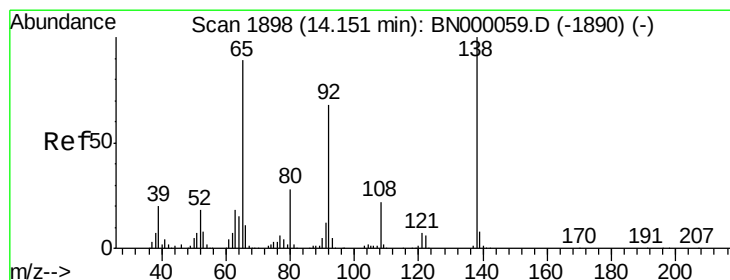
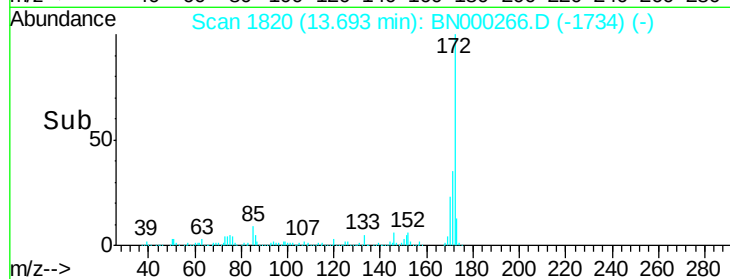
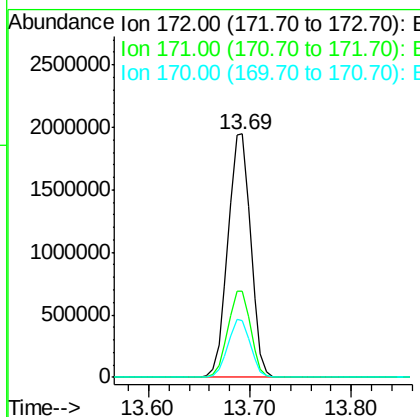
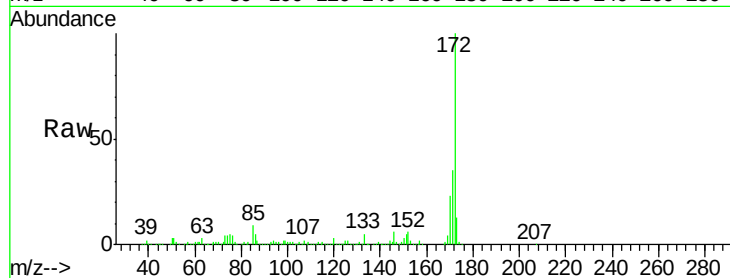




#44
2-Fluorobiphenyl
Concen: 52.091 ng
RT: 13.69 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BN000266.D
Acq: 06 Mar 2018 16:33

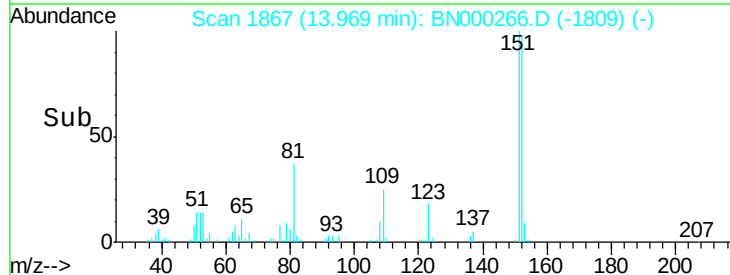
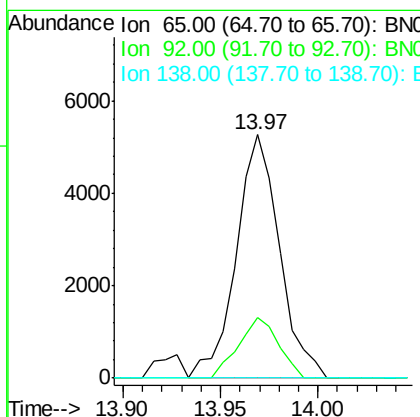
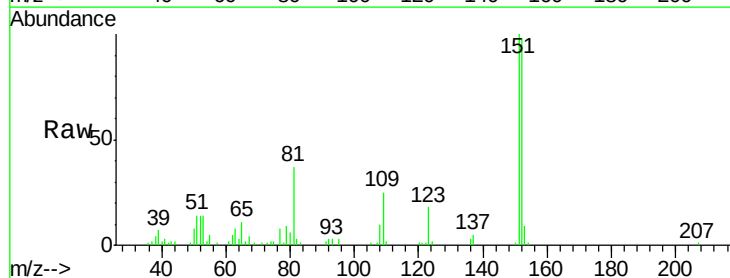
Instrument :
BNA_N
ClientSampled :

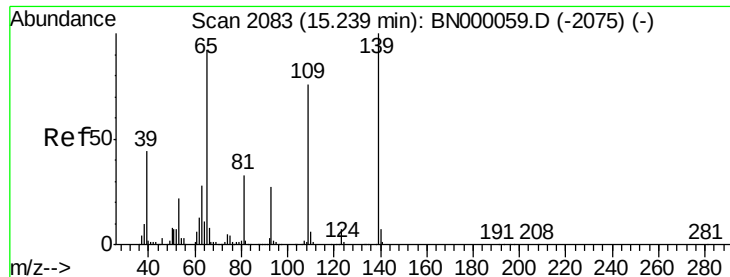
Tot Ion:172 Resp: 3033982
Ion Ratio Lower Upper
172 100
171 35.2 30.0 45.0
170 23.4 19.5 29.3



#47
2-Nitroaniline
Concen: 5.334 ng
RT: 13.97 min Scan# 1867
Delta R.T. -0.19 min
Lab File: BN000266.D
Acq: 06 Mar 2018 16:33

Tgt Ion: 65 Resp: 8073
Ion Ratio Lower Upper
65 100
92 24.8 54.6 82.0#
138 0.0 72.9 109.3#

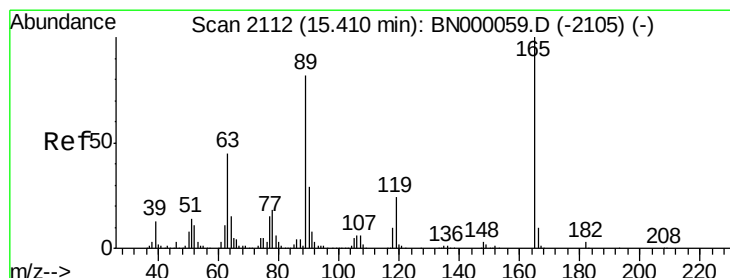
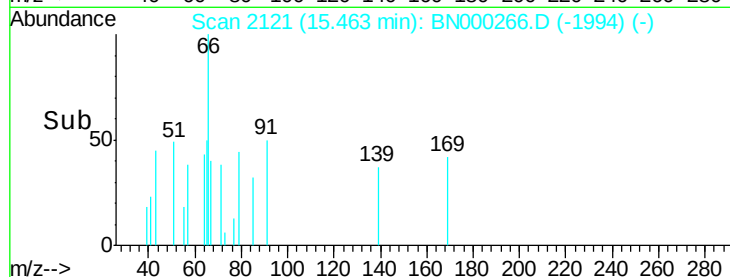
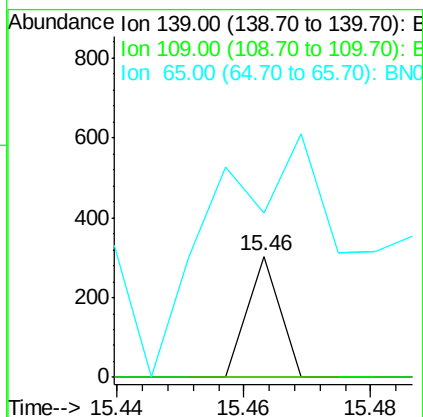
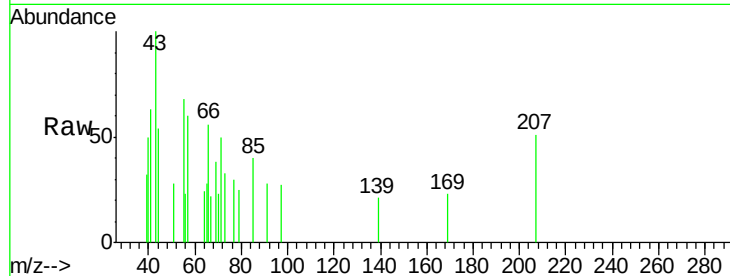




#55
4-Nitrophenol
Concen: 4.984 ng
RT: 15.46 min Scan# 2121
Delta R.T. 0.22 min
Lab File: BN000266.D
Acq: 06 Mar 2018 16:33

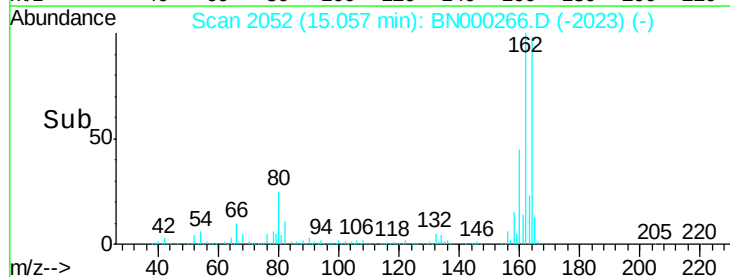
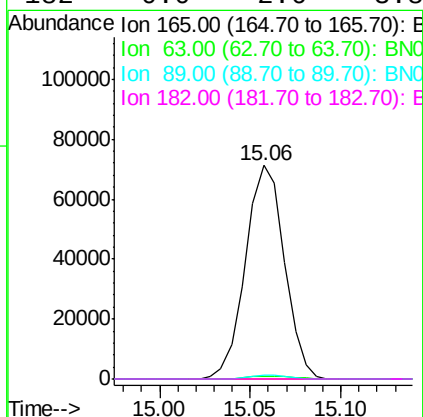
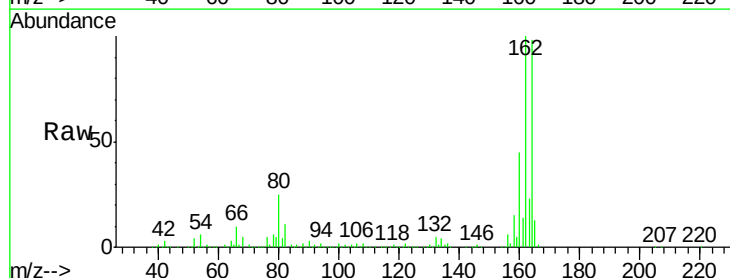
Instrument :
BNA_N
ClientSampled :

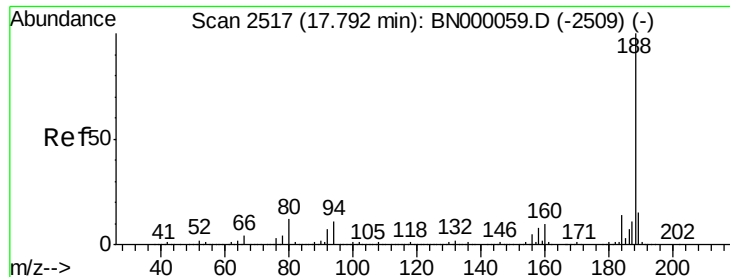
Tot Ion:139 Resp: 107
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 135.9 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 8.981 ng
RT: 15.06 min Scan# 2052
Delta R.T. -0.36 min
Lab File: BN000266.D
Acq: 06 Mar 2018 16:33

Tgt Ion:165 Resp: 106597
Ion Ratio Lower Upper
165 100
63 1.5 42.0 63.0#
89 2.0 66.9 100.3#
182 0.0 2.6 3.8#

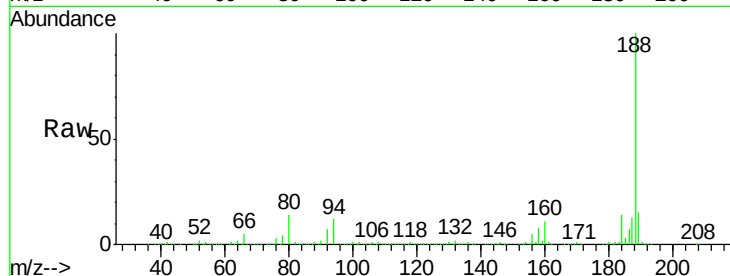




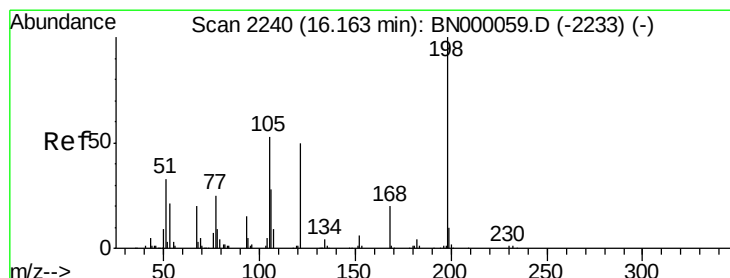
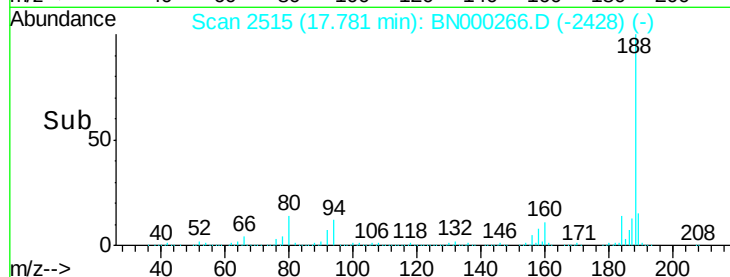
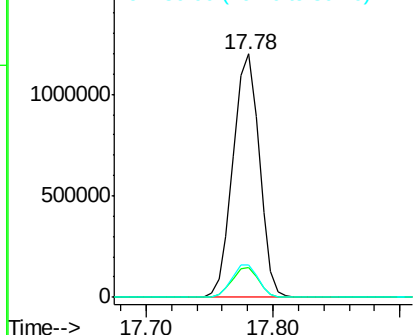
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.78 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BN000266.D
Acq: 06 Mar 2018 16:33

Instrument :
BNA_N
ClientSampleId :

Tot Ion:188 Resp: 1719383
Ion Ratio Lower Upper
188 100
94 12.2 6.9 10.3#
80 13.6 7.7 11.5#

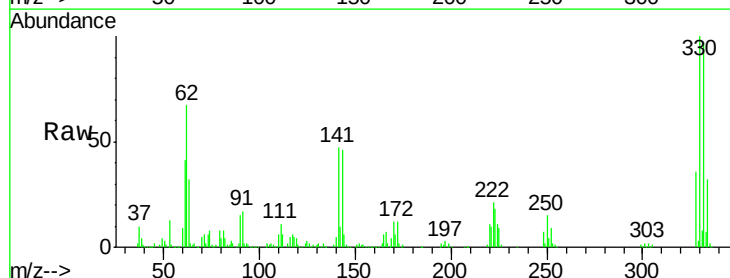


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

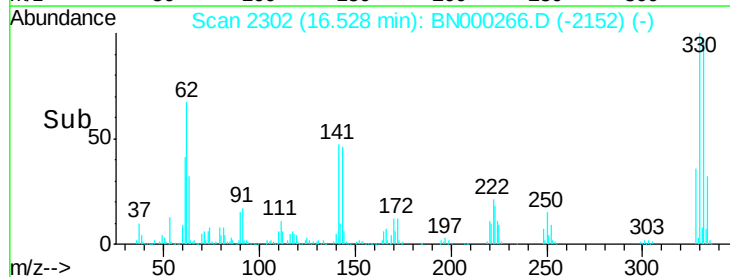
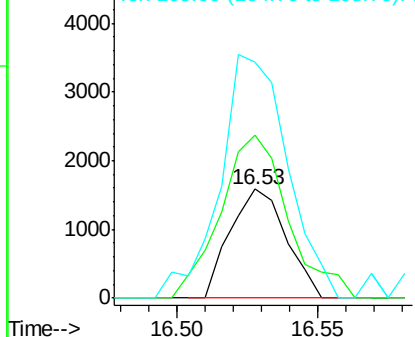


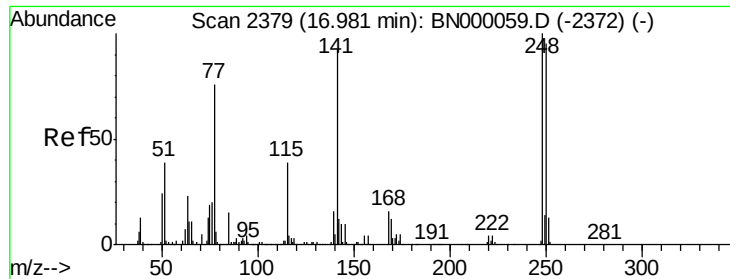
#64
4,6-Dinitro-2-methylphenol
Concen: 8.926 ng
RT: 16.53 min Scan# 2302
Delta R.T. 0.35 min
Lab File: BN000266.D
Acq: 06 Mar 2018 16:33

Tgt Ion:198 Resp: 2176
Ion Ratio Lower Upper
198 100
51 149.7 30.6 70.6#
105 217.3 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

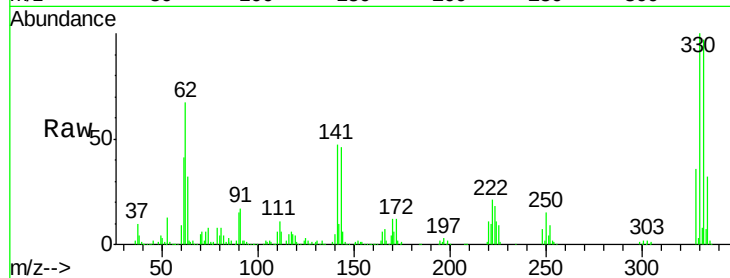




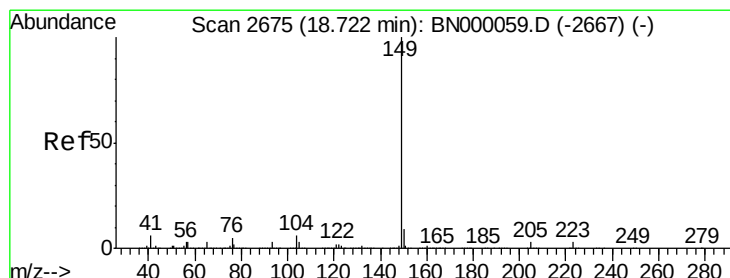
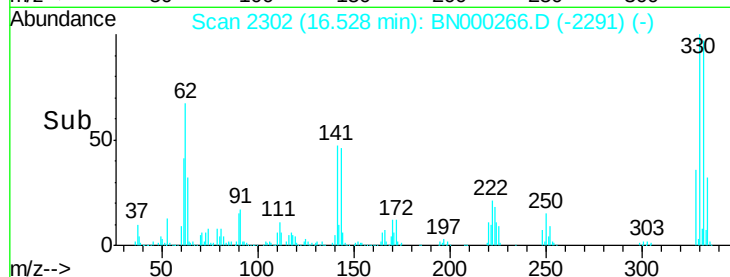
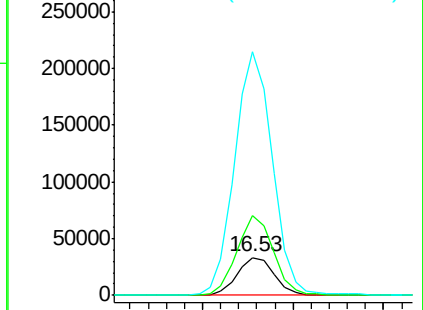
#66
 4-Bromophenyl-phenylether
 Concen: 2.914 ng
 RT: 16.53 min Scan# 2302
 Delta R.T. -0.46 min
 Lab File: BN000266.D
 Acq: 06 Mar 2018 16:33

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:248 Resp: 47640
 Ion Ratio Lower Upper
 248 100
 250 210.3 77.1 115.7#
 141 643.5 50.8 76.2#

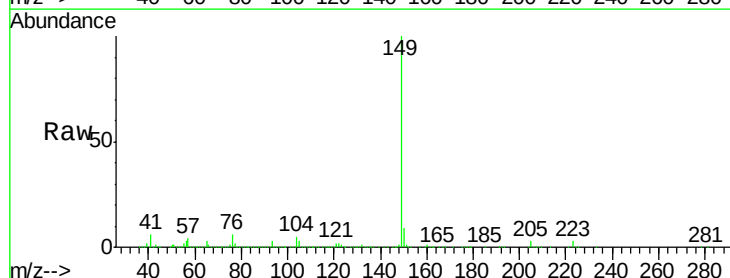


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

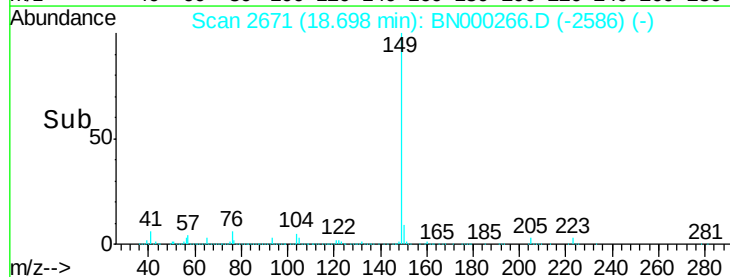
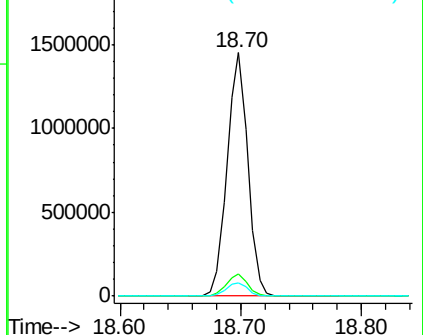


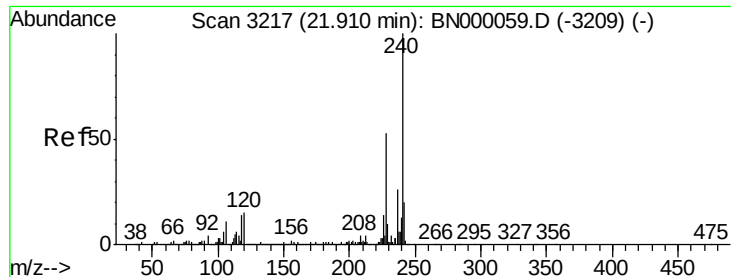
#73
 Di-n-butylphthalate
 Concen: 15.762 ng
 RT: 18.70 min Scan# 2671
 Delta R.T. -0.03 min
 Lab File: BN000266.D
 Acq: 06 Mar 2018 16:33

Tgt Ion:149 Resp: 1723817
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.8 11.6
 104 5.4 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.90 min Scan# 3215

Delta R.T. -0.02 min

Lab File: BN000266.D

Acq: 06 Mar 2018 16:33

Instrument :

BNA_N

ClientSampleId :

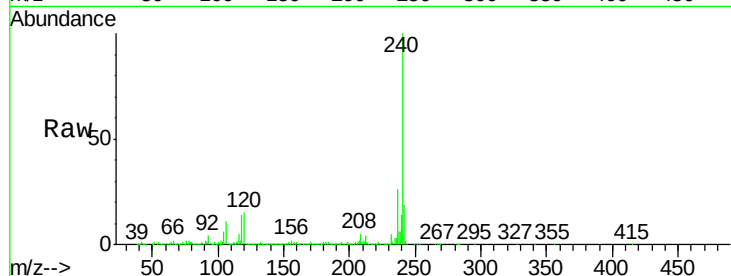
Tot Ion:240 Resp: 1699322

Ion Ratio Lower Upper

240 100

120 15.4 6.8 10.2#

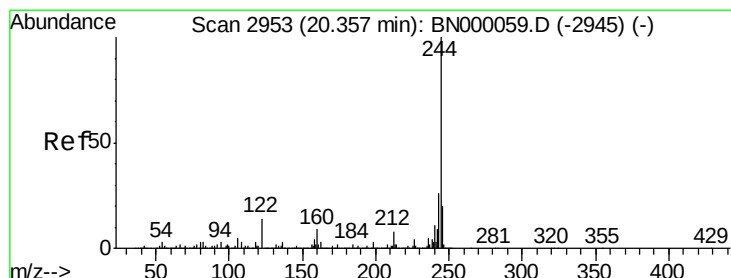
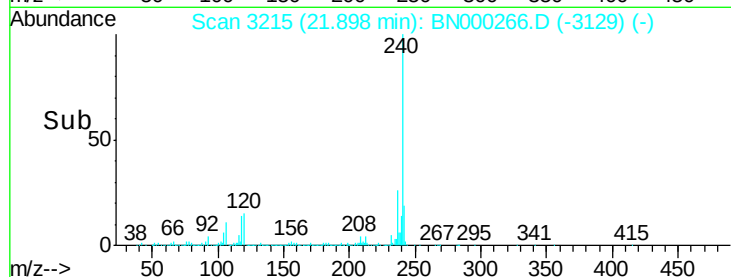
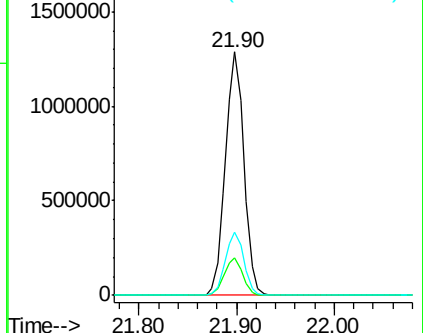
236 25.8 20.9 31.3



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



#78

Terphenyl-d14

Concen: 59.204 ng

RT: 20.34 min Scan# 2950

Delta R.T. -0.02 min

Lab File: BN000266.D

Acq: 06 Mar 2018 16:33

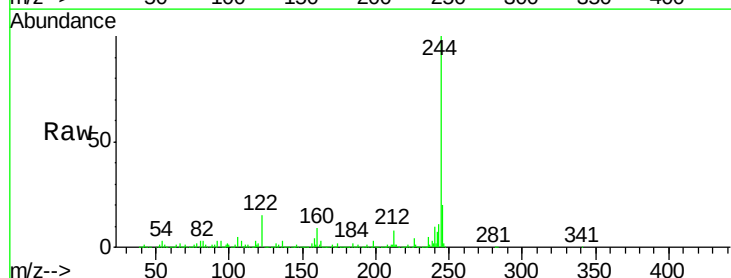
Tgt Ion:244 Resp: 3725960

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

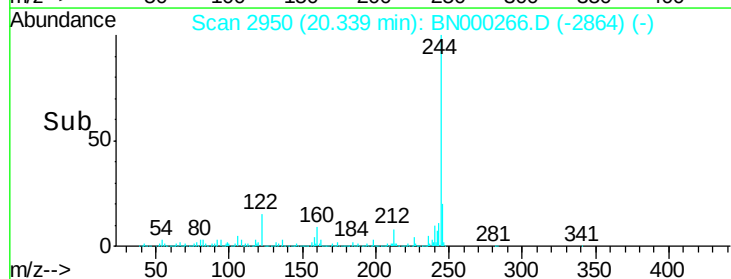
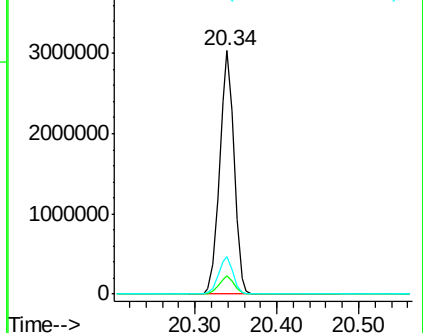
122 15.4 7.0 10.4#

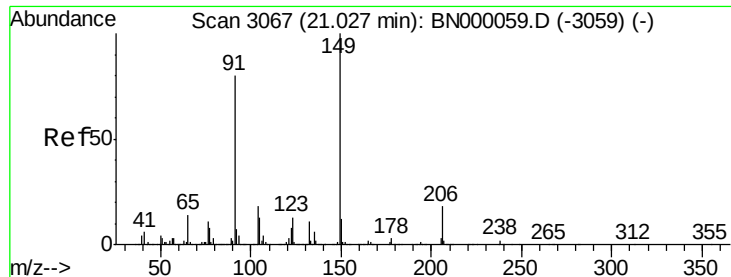


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

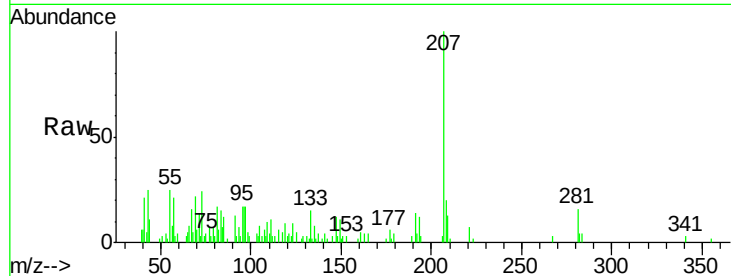




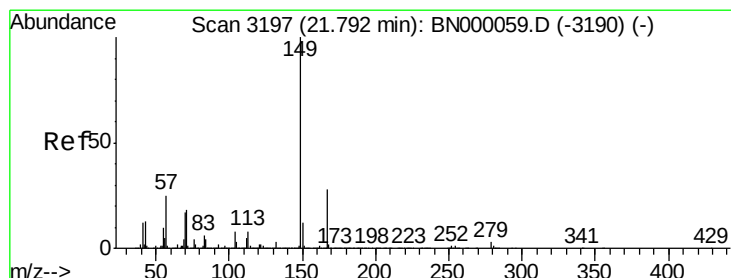
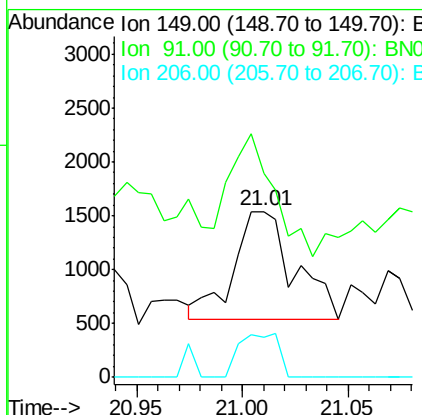
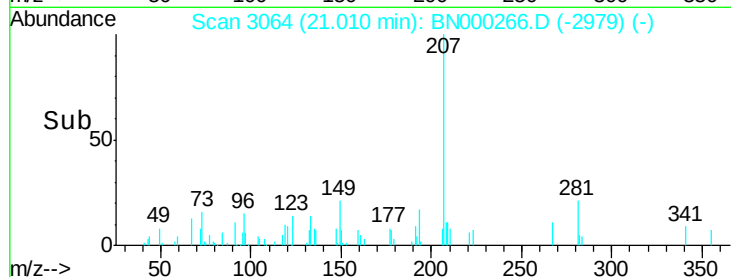
#79
 Butylbenzylphthalate
 Concen: 5.411 ng
 RT: 21.01 min Scan# 3064
 Delta R.T. -0.03 min
 Lab File: BN000266.D
 Acq: 06 Mar 2018 16:33

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:149 Resp: 2012
 Ion Ratio Lower Upper
 149 100
 91 122.8 62.2 93.2#
 206 24.1 18.6 27.8

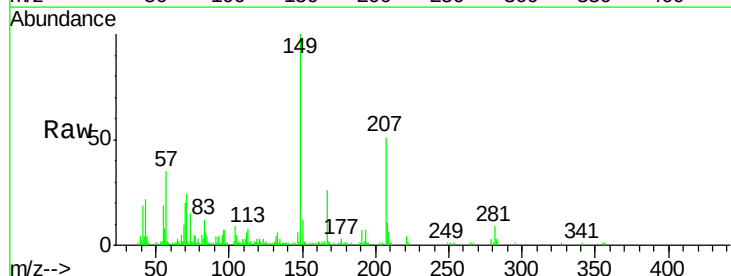


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BNA
 Ion 206.00 (205.70 to 206.70): E

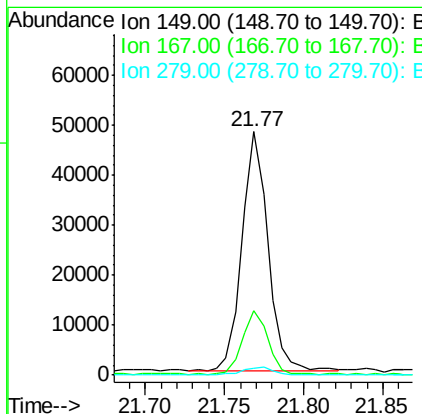
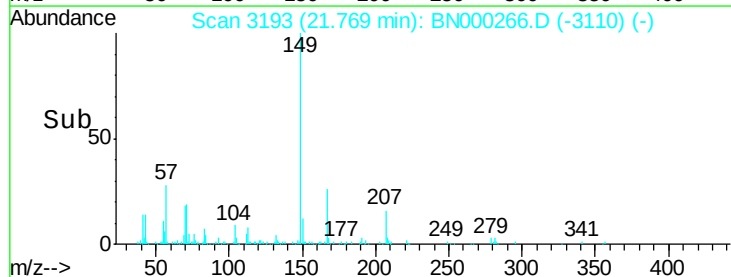


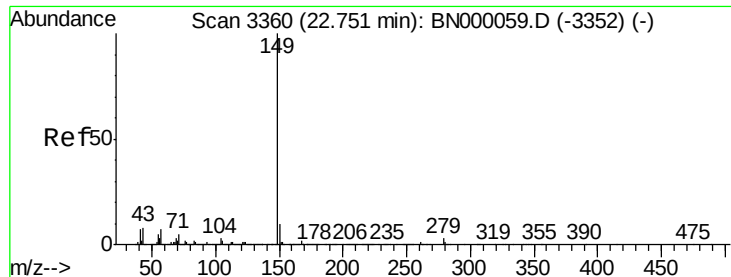
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.576 ng
 RT: 21.77 min Scan# 3193
 Delta R.T. -0.04 min
 Lab File: BN000266.D
 Acq: 06 Mar 2018 16:33

Tgt Ion:149 Resp: 54440
 Ion Ratio Lower Upper
 149 100
 167 26.5 24.3 36.5
 279 3.1 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

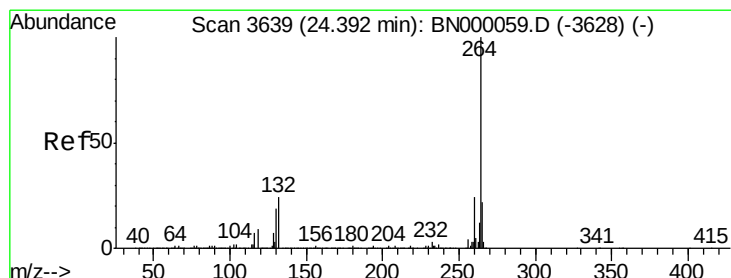
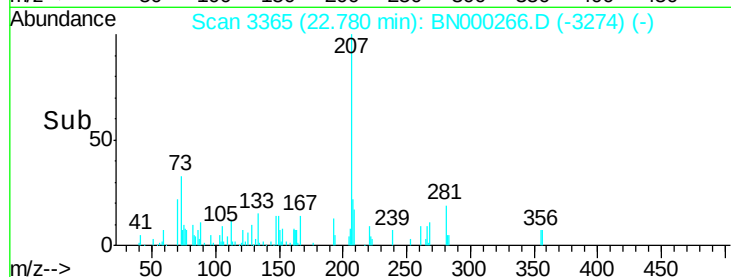
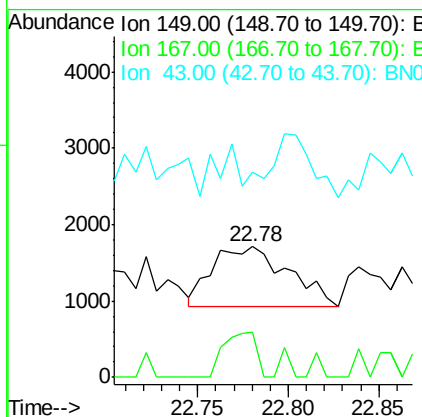
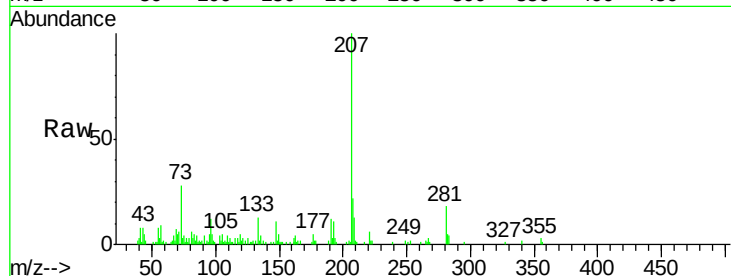




#84
Di-n-octyl phthalate
Concen: 6.744 ng
RT: 22.78 min Scan# 3365
Delta R.T. 0.01 min
Lab File: BN000266.D
Acq: 06 Mar 2018 16:33

Instrument :
BNA_N
ClientSampleId :

Tot Ion:149 Resp: 2252
Ion Ratio Lower Upper
149 100
167 32.6 1.4 2.0#
43 33.5 8.9 13.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.38 min Scan# 3637
Delta R.T. -0.04 min
Lab File: BN000266.D
Acq: 06 Mar 2018 16:33

Tgt Ion:264 Resp: 1706650
Ion Ratio Lower Upper
264 100
260 23.7 17.4 26.0
265 21.1 17.7 26.5

