

Data Path : Z:\HPCHEM1\BNA N\DATA\BN030618\
 Data File : BN000268.D
 Acq On : 06 Mar 2018 17:42
 Operator : JU/SJ
 Sample : J1699-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 07 04:31:32 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	244221	20.00	ng	-0.02
21) Naphthalene-d8	11.29	136	1187755	20.00	ng	-0.02
38) Acenaphthene-d10	15.06	164	703820	20.00	ng	-0.02
63) Phenanthrene-d10	17.78	188	1447109	20.00	ng	-0.02
75) Chrysene-d12	21.89	240	1550052	20.00	ng	-0.03
86) Perylene-d12	24.37	264	1669968	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.93	112	1590482	106.14	ng	-0.02
7) Phenol-d6	7.58	99	2330447	102.67	ng	-0.02
23) Nitrobenzene-d5	9.63	82	1361219	68.14	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	667540	95.82	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	3015787	60.39	ng	-0.03
78) Terphenyl-d14	20.34	244	3916046	68.22	ng	-0.02

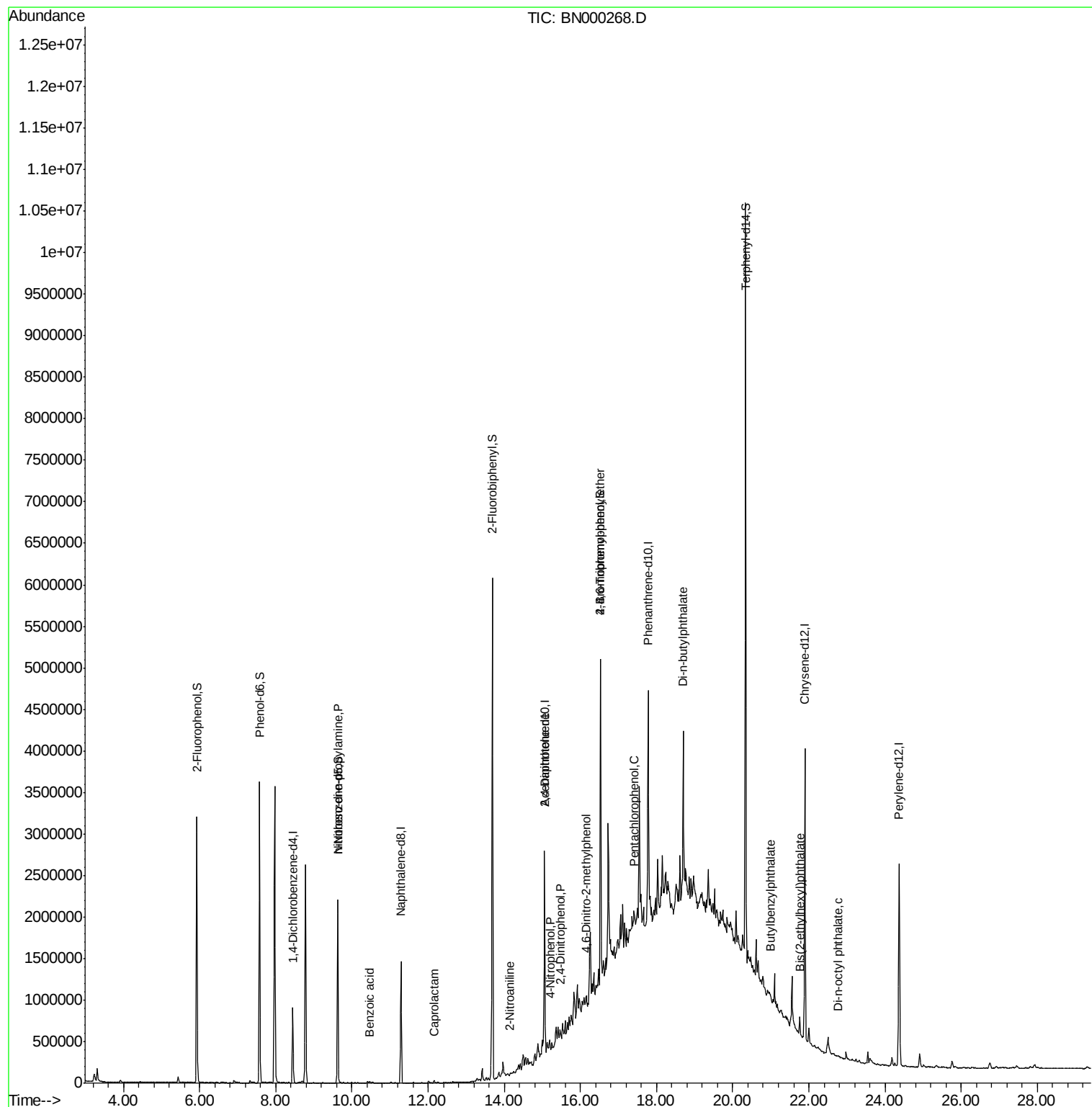
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.63	70	173234	11.389	ng	# 68
32) Benzoic acid	10.46	122	6377	10.917	ng	# 82
35) Caprolactam	12.16	113	4794	4.625	ng	# 87
47) 2-Nitroaniline	14.13	65	251	4.895	ng	# 42
53) 2,4-Dinitrophenol	15.47	184	254	9.280	ng	# 44
55) 4-Nitrophenol	15.20	139	322	5.002	ng	# 1
56) 2,4-Dinitrotoluene	15.06	165	91891	9.007	ng	# 20
64) 4,6-Dinitro-2-methylphenol	16.14	198	805	8.803	ng	# 1
66) 4-Bromophenyl-phenylether	16.53	248	47003	3.416	ng	# 1
69) Pentachlorophenol	17.43	266	1072	5.921	ng	# 22
73) Di-n-butylphthalate	18.70	149	1465870	15.925	ng	# 99
79) Butylbenzylphthalate	21.00	149	1005	5.395	ng	# 53
83) Bis(2-ethylhexyl)phthalate	21.76	149	64170	3.773	ng	# 96
84) Di-n-octyl phthalate	22.76	149	2220	6.745	ng	# 56

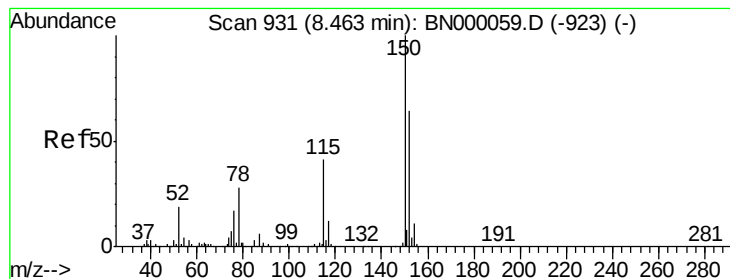
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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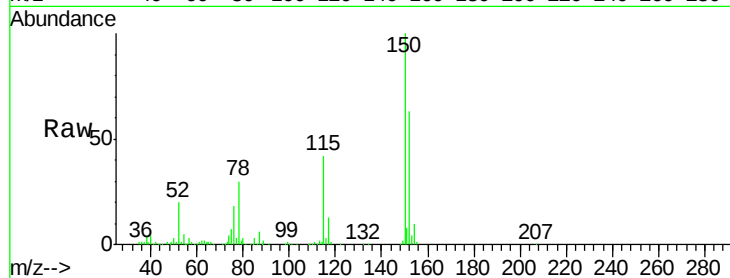


#1

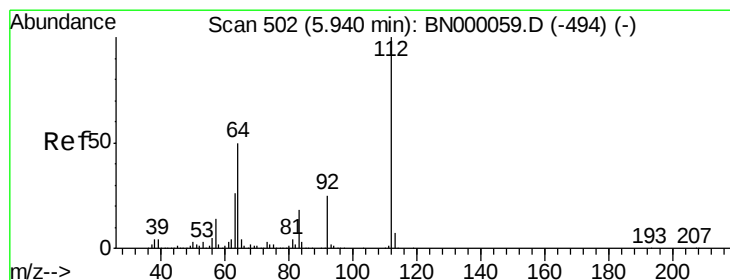
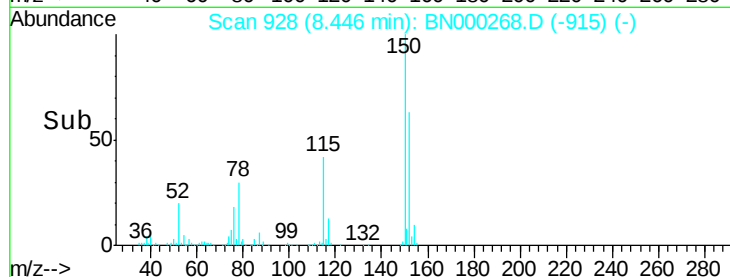
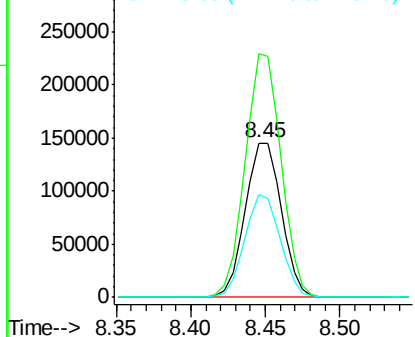
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.02 min
Lab File: BN000268.D
Acq: 06 Mar 2018 17:42

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 244221
Ion Ratio Lower Upper
152 100
150 157.5 126.6 189.8
115 66.5 53.0 79.4



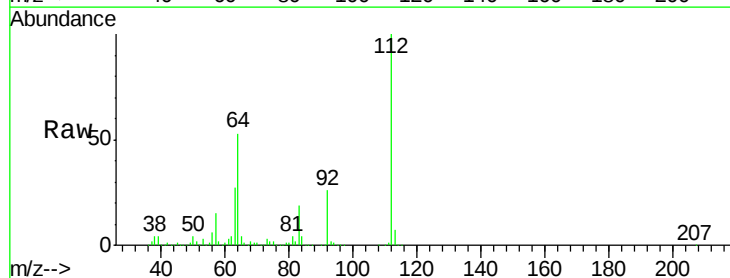
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



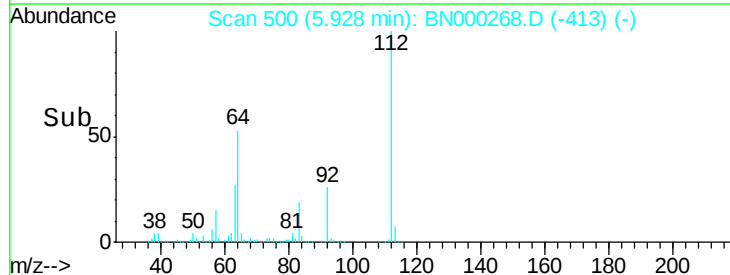
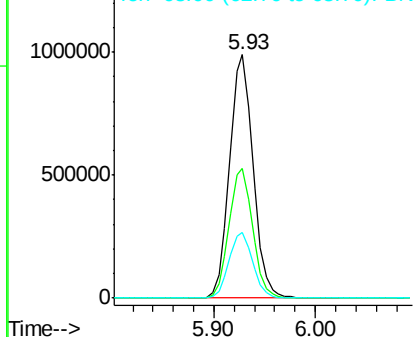
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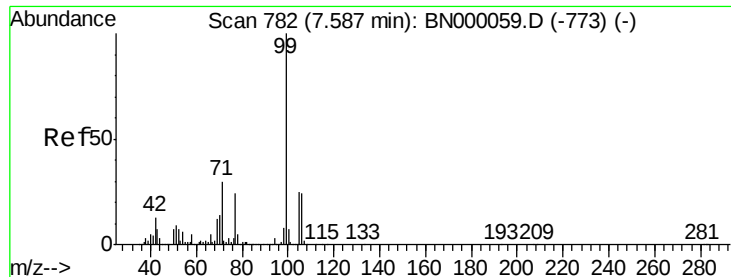
2-Fluorophenol
Concen: 106.138 ng
RT: 5.93 min Scan# 500
Delta R.T. -0.02 min
Lab File: BN000268.D
Acq: 06 Mar 2018 17:42

Tgt Ion:112 Resp: 1590482
Ion Ratio Lower Upper
112 100
64 53.1 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: 102.669 ng

RT: 7.58 min Scan# 780

Delta R.T. -0.02 min

Lab File: BN000268.D

Acq: 06 Mar 2018 17:42

Instrument :

BNA_N

ClientSampleId :

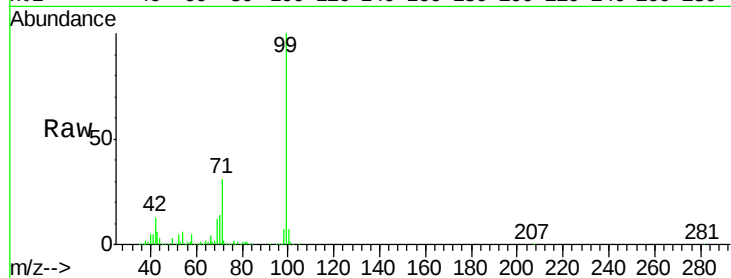
Tot Ion: 99 Resp: 2330447

Ion Ratio Lower Upper

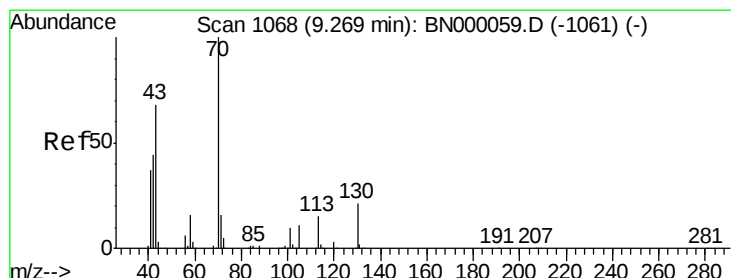
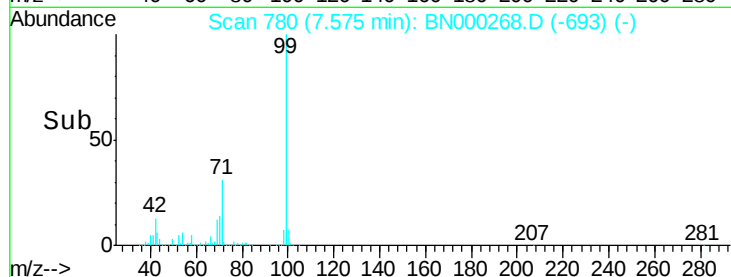
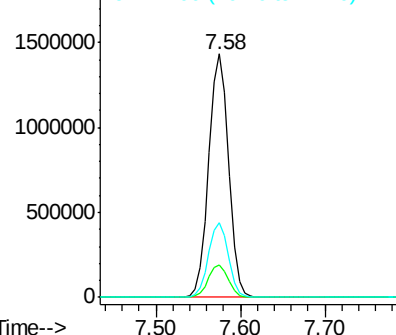
99 100

42 13.1 14.1 21.1#

71 30.8 26.1 39.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.389 ng

RT: 9.63 min Scan# 1129

Delta R.T. 0.35 min

Lab File: BN000268.D

Acq: 06 Mar 2018 17:42

Tgt Ion: 70 Resp: 173234

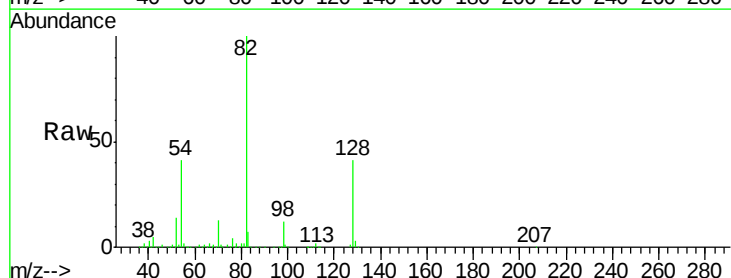
Ion Ratio Lower Upper

70 100

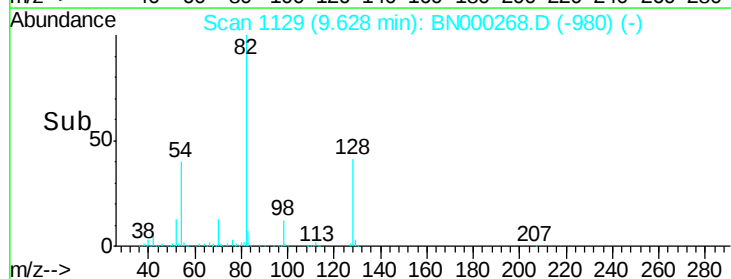
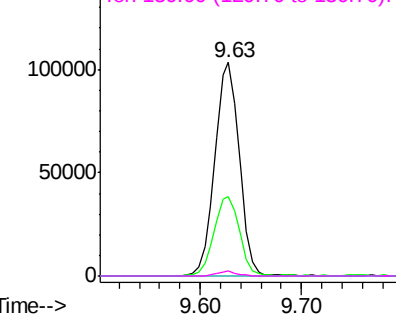
42 37.2 49.1 73.7#

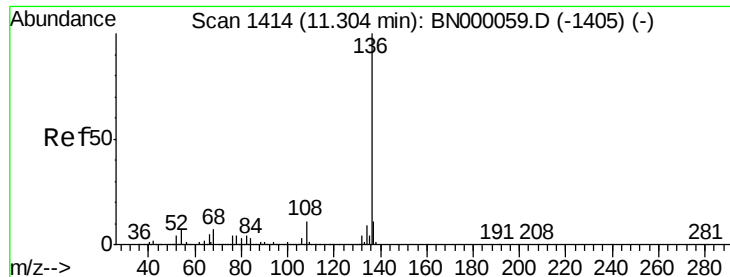
101 0.0 8.5 12.7#

130 2.1 13.4 20.0#



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

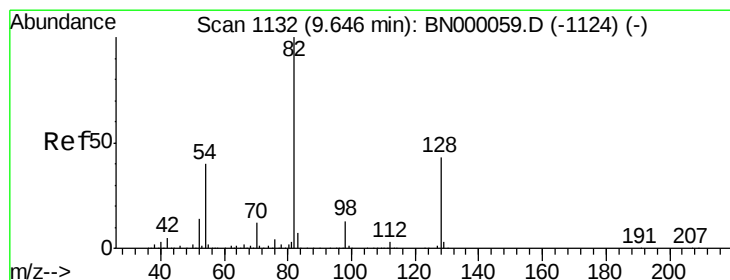
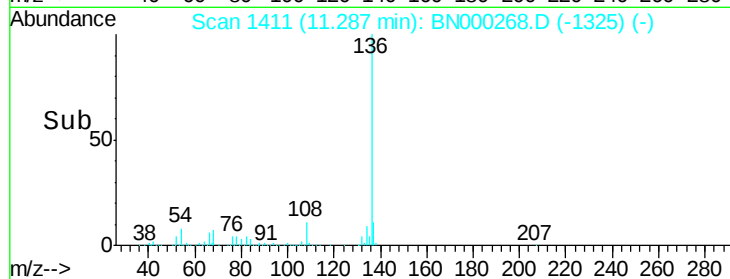
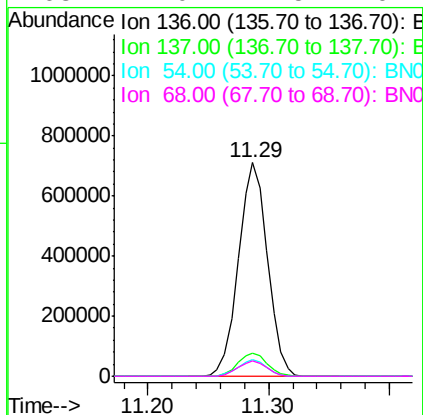
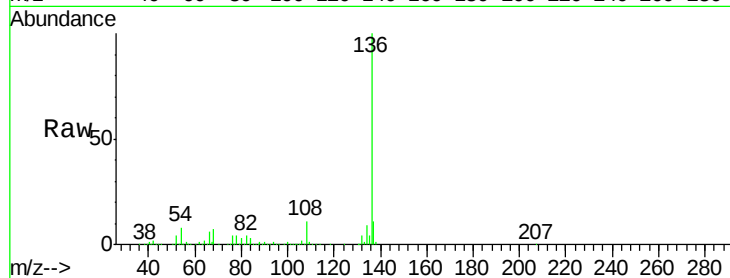




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.29 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BN000268.D
Acq: 06 Mar 2018 17:42

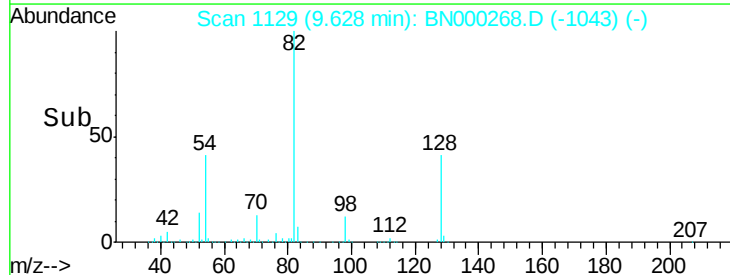
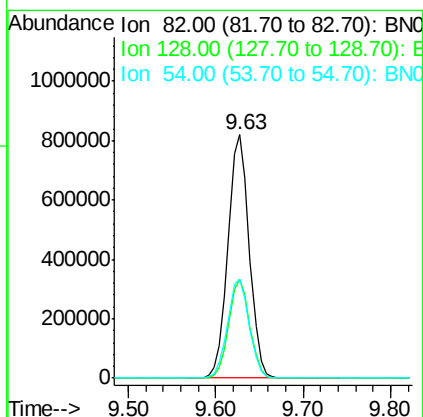
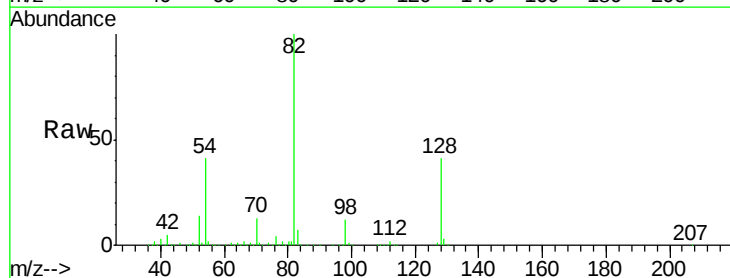
Instrument :
BNA_N
ClientSampleId :

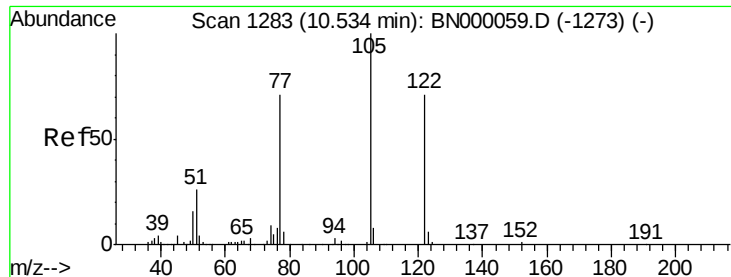
Tot Ion:136	Resp: 1187755
Ion Ratio	Lower Upper
136 100	
137 10.9	9.2 13.8
54 7.5	10.3 15.5#
68 7.0	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 68.139 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BN000268.D
Acq: 06 Mar 2018 17:42

Tgt Ion: 82	Resp: 1361219
Ion Ratio	Lower Upper
82 100	
128 40.8	29.7 44.5
54 40.6	43.1 64.7#

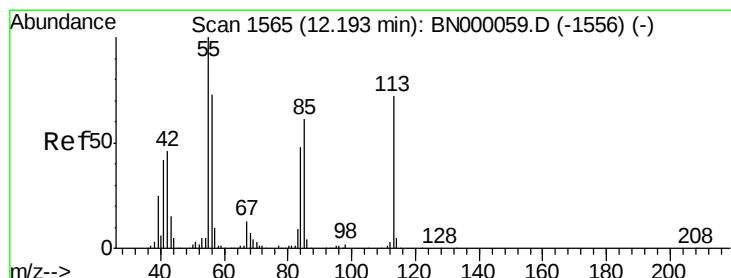
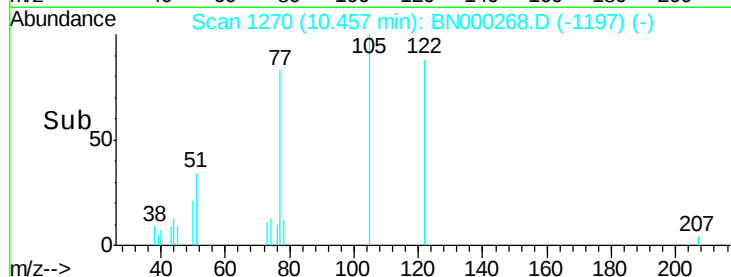
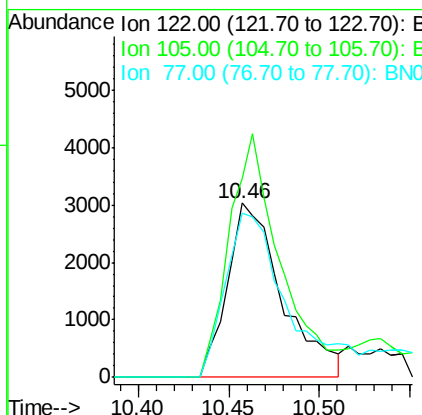
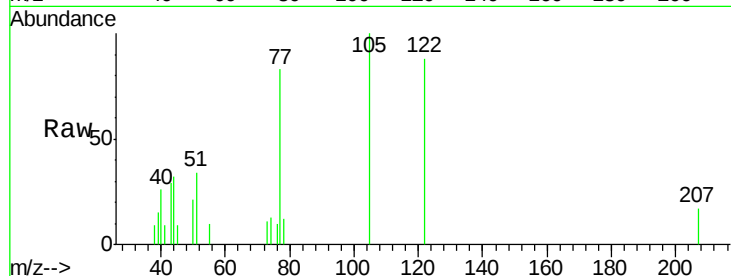




#32
Benzoic acid
Concen: 10.917 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.10 min
Lab File: BN000268.D
Acq: 06 Mar 2018 17:42

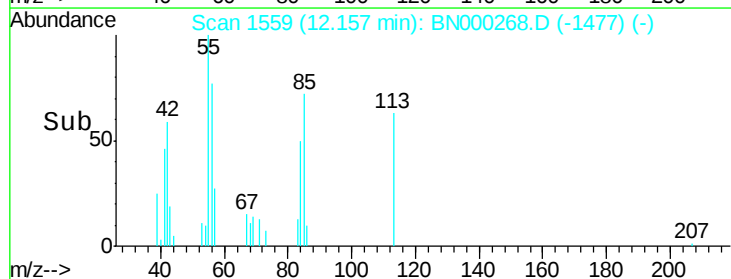
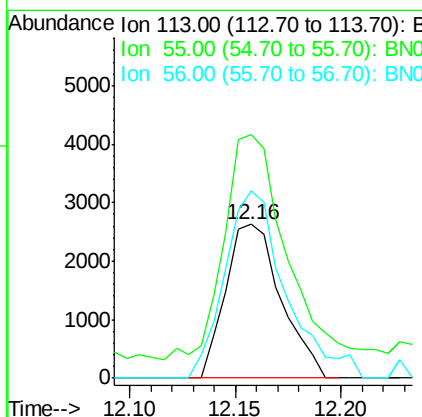
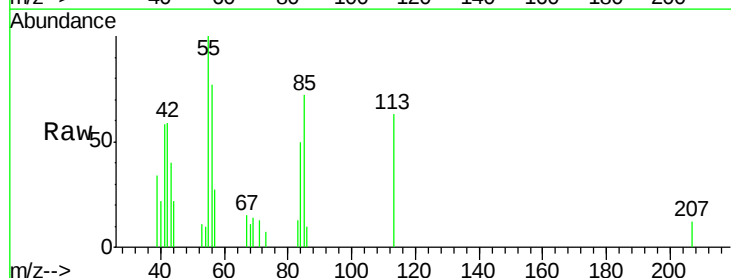
Instrument :
BNA_N
ClientSampleId :

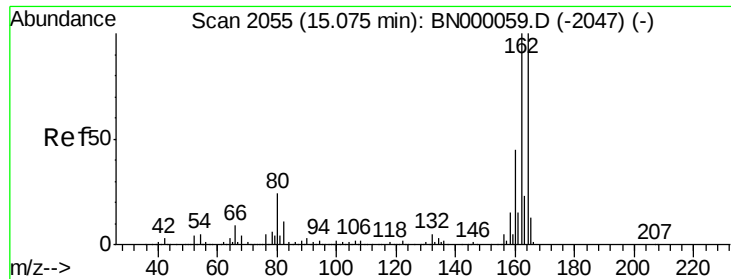
Tot Ion:122 Resp: 6377
Ion Ratio Lower Upper
122 100
105 114.1 123.5 163.5#
77 94.2 85.7 125.7



#35
Caprolactam
Concen: 4.625 ng
RT: 12.16 min Scan# 1559
Delta R.T. -0.05 min
Lab File: BN000268.D
Acq: 06 Mar 2018 17:42

Tgt Ion:113 Resp: 4794
Ion Ratio Lower Upper
113 100
55 158.1 120.0 160.0
56 121.6 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: BN000268.D

Acq: 06 Mar 2018 17:42

Instrument :

BNA_N

ClientSampleId :

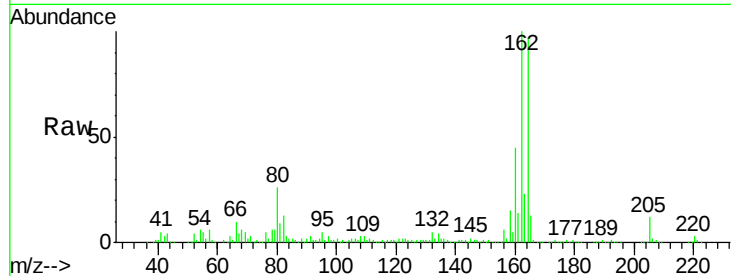
Tot Ion:164 Resp: 703820

Ion Ratio Lower Upper

164 100

162 102.9 78.8 118.2

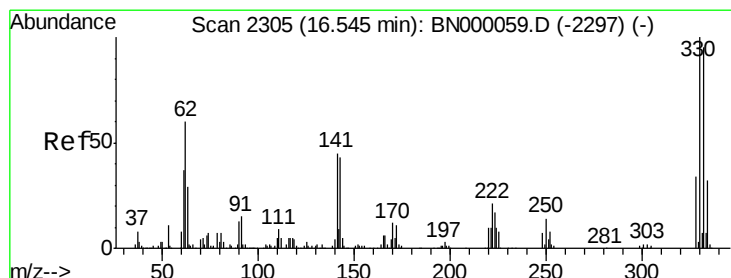
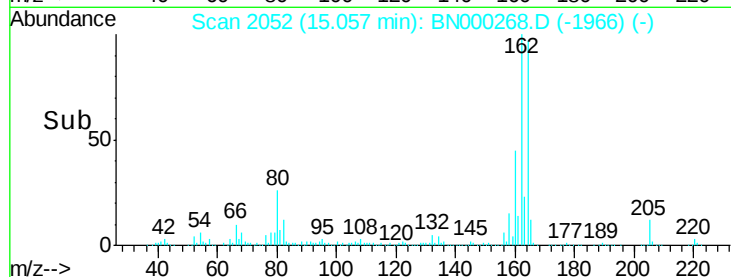
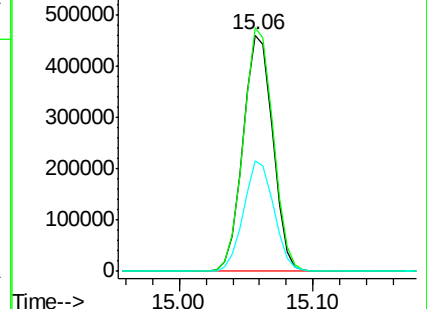
160 46.6 35.4 53.0



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: 95.818 ng

RT: 16.53 min Scan# 2303

Delta R.T. -0.02 min

Lab File: BN000268.D

Acq: 06 Mar 2018 17:42

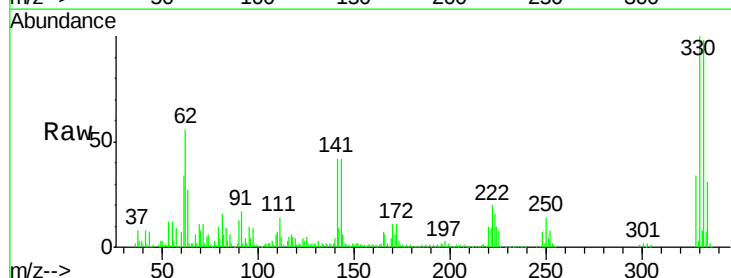
Tgt Ion:330 Resp: 667540

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

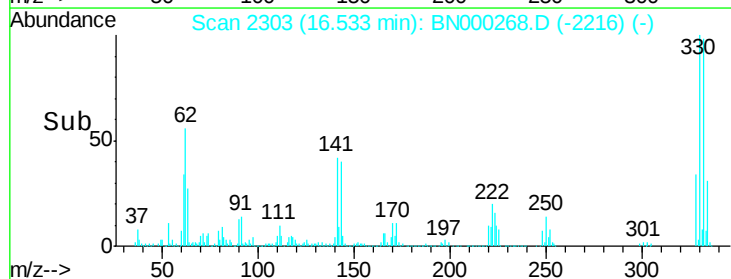
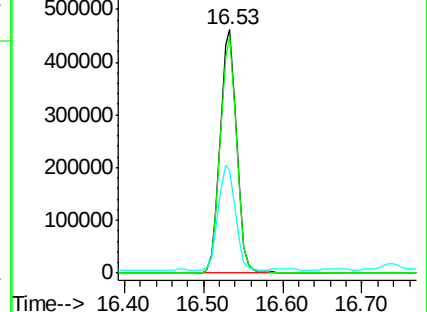
141 44.7 25.2 37.8#

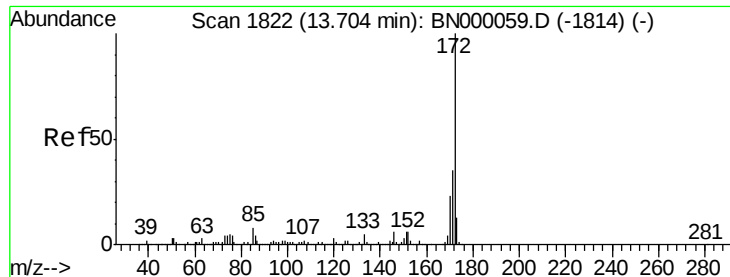


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

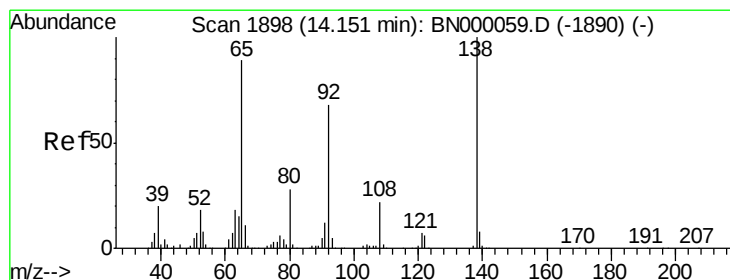
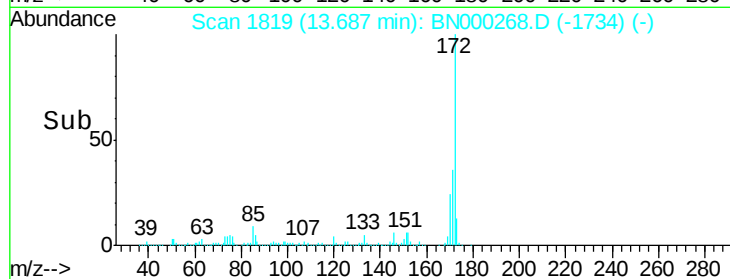
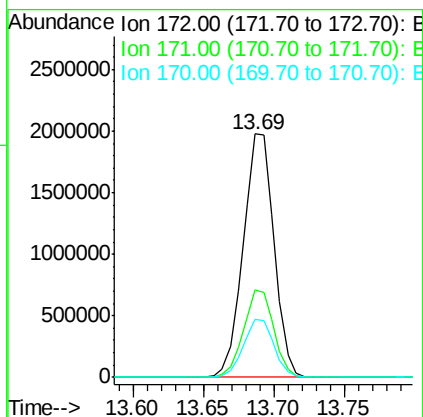
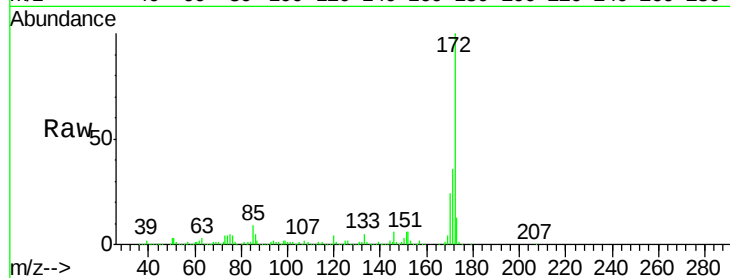




#44
2-Fluorobiphenyl
Concen: 60.392 ng
RT: 13.69 min Scan# 1819
Delta R.T. -0.03 min
Lab File: BN000268.D
Acq: 06 Mar 2018 17:42

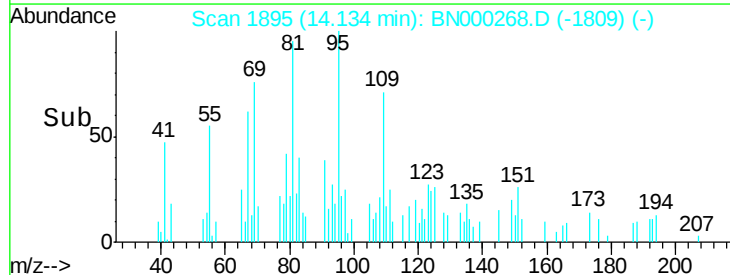
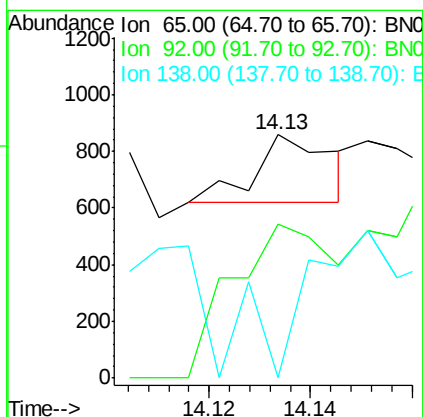
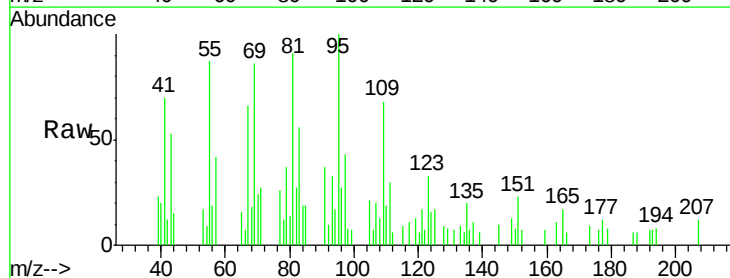
Instrument :
BNA_N
ClientSampleId :

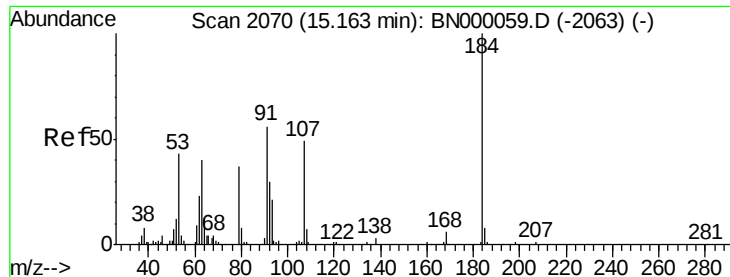
Tot Ion:172 Resp: 3015787
Ion Ratio Lower Upper
172 100
171 35.8 30.0 45.0
170 24.0 19.5 29.3



#47
2-Nitroaniline
Concen: 4.895 ng
RT: 14.13 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BN000268.D
Acq: 06 Mar 2018 17:42

Tgt Ion: 65 Resp: 251
Ion Ratio Lower Upper
65 100
92 63.2 54.6 82.0
138 0.0 72.9 109.3#

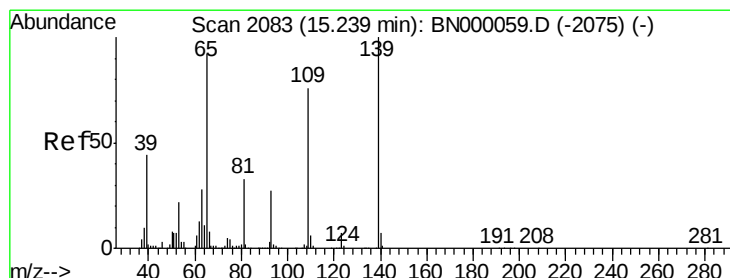
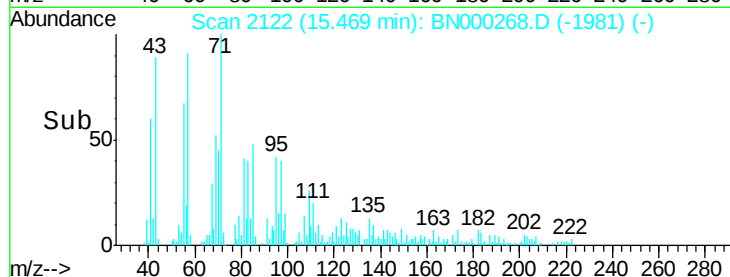
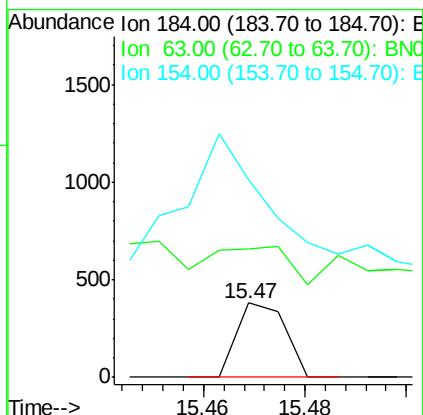
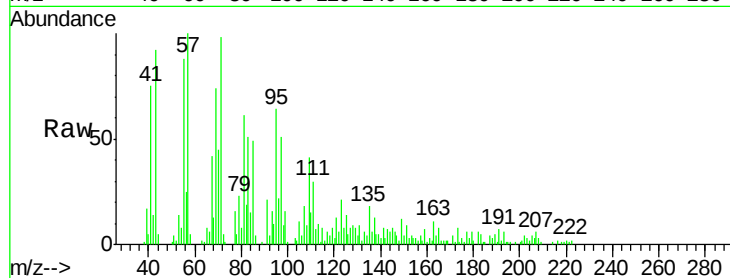




#53
 2,4-Dinitrophenol
 Concen: 9.280 ng
 RT: 15.47 min Scan# 2122
 Delta R.T. 0.30 min
 Lab File: BN000268.D
 Acq: 06 Mar 2018 17:42

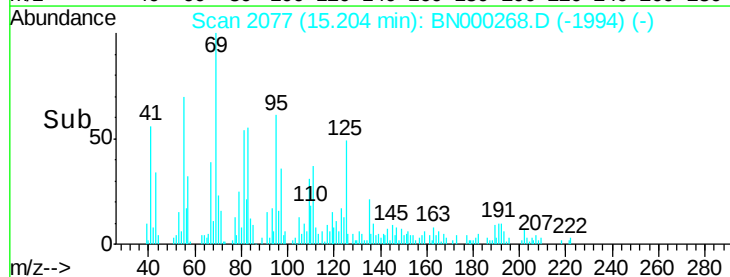
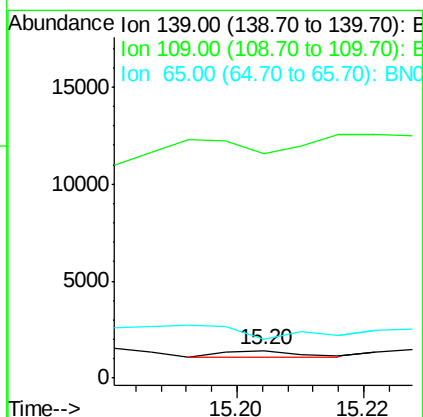
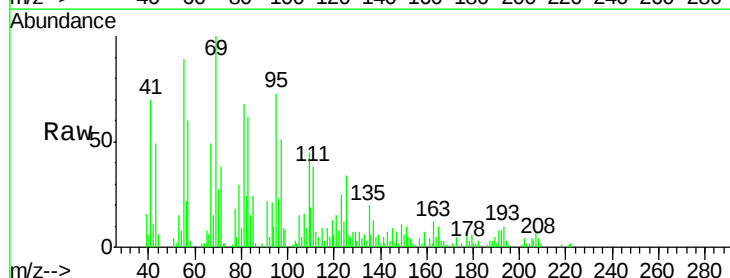
Instrument :
 BNA_N
 ClientSampleId :

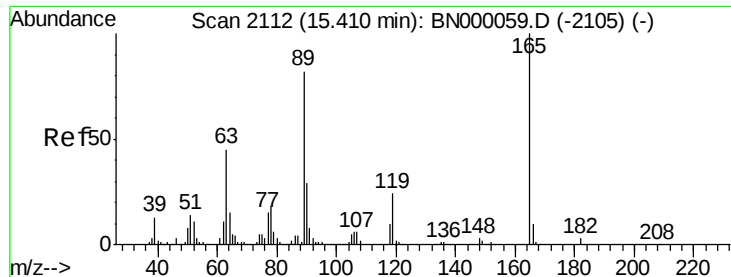
Tot Ion:184 Resp: 254
 Ion Ratio Lower Upper
 184 100
 63 173.7 80.0 120.0#
 154 266.3 308.0 462.0#



#55
 4-Nitrophenol
 Concen: 5.002 ng
 RT: 15.20 min Scan# 2077
 Delta R.T. -0.04 min
 Lab File: BN000268.D
 Acq: 06 Mar 2018 17:42

Tgt Ion:139 Resp: 322
 Ion Ratio Lower Upper
 139 100
 109 811.9 62.2 102.2#
 65 141.7 97.2 137.2#

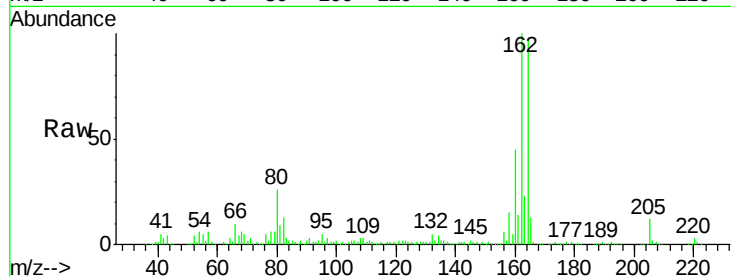




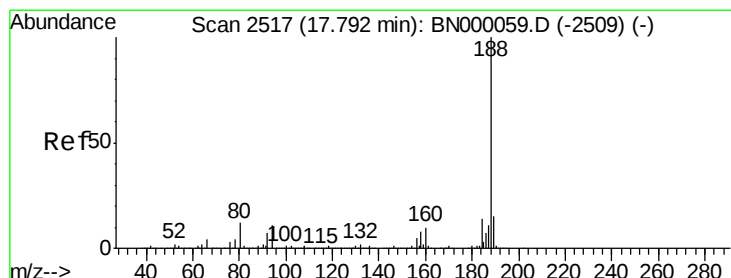
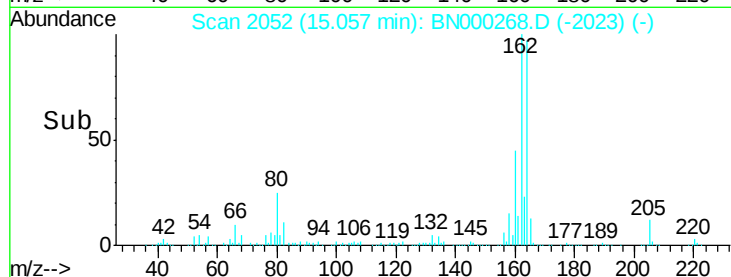
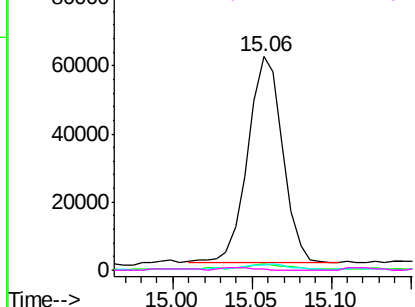
#56
 2,4-Dinitrotoluene
 Concen: 9.007 ng
 RT: 15.06 min Scan# 2052
 Delta R.T. -0.36 min
 Lab File: BN000268.D
 Acq: 06 Mar 2018 17:42

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 91891
 Ion Ratio Lower Upper
 165 100
 63 2.9 42.0 63.0#
 89 2.7 66.9 100.3#
 182 0.5 2.6 3.8#

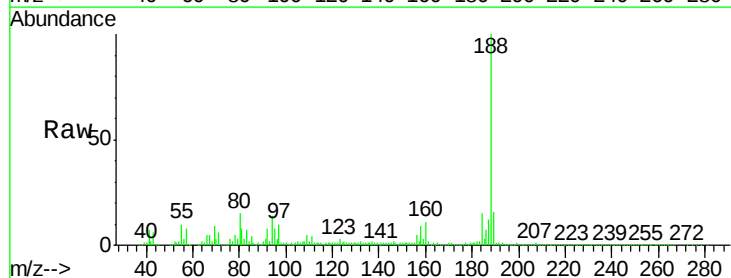


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC
 Ion 182.00 (181.70 to 182.70): E

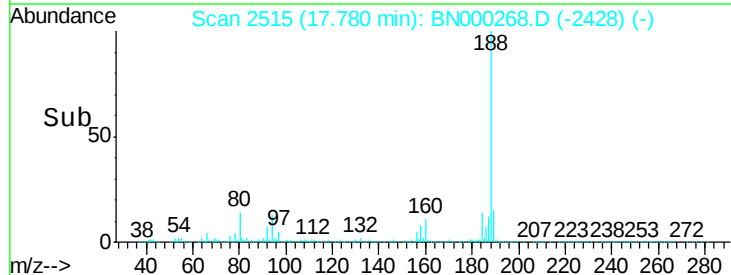
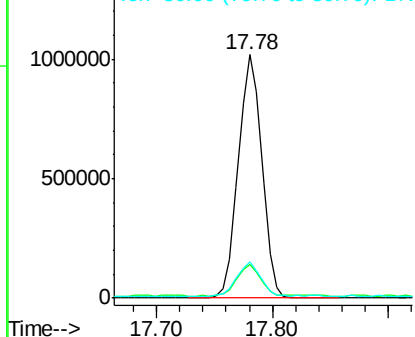


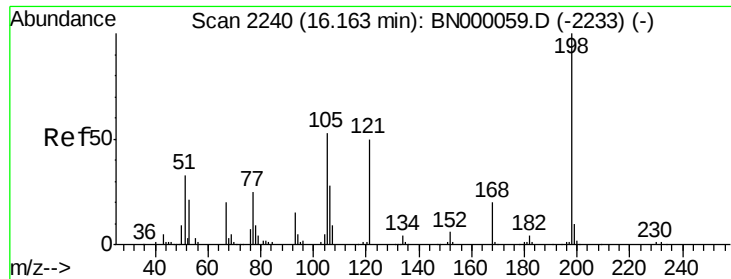
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.78 min Scan# 2515
 Delta R.T. -0.02 min
 Lab File: BN000268.D
 Acq: 06 Mar 2018 17:42

Tgt Ion:188 Resp: 1447109
 Ion Ratio Lower Upper
 188 100
 94 13.6 6.9 10.3#
 80 14.7 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: 8.803 ng

RT: 16.14 min Scan# 2236

Delta R.T. -0.03 min

Lab File: BN000268.D

Acq: 06 Mar 2018 17:42

Instrument :

BNA_N

ClientSampled :

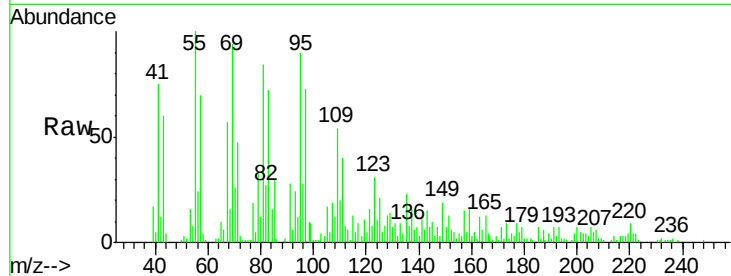
Tot Ion:198 Resp: 805

Ion Ratio Lower Upper

198 100

51 261.1 30.6 70.6#

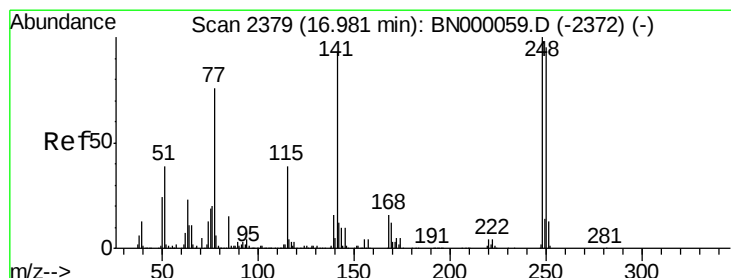
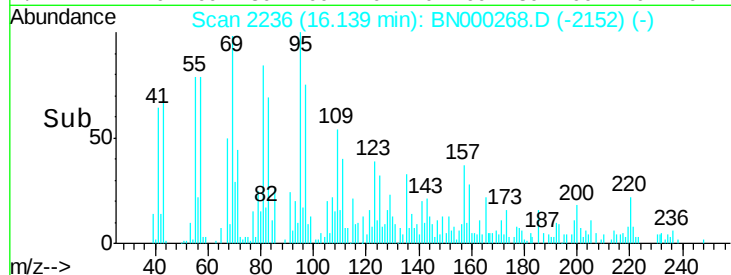
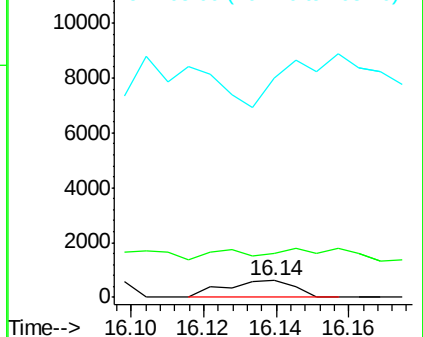
105 1313.6 23.8 63.8#



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: 3.416 ng

RT: 16.53 min Scan# 2303

Delta R.T. -0.46 min

Lab File: BN000268.D

Acq: 06 Mar 2018 17:42

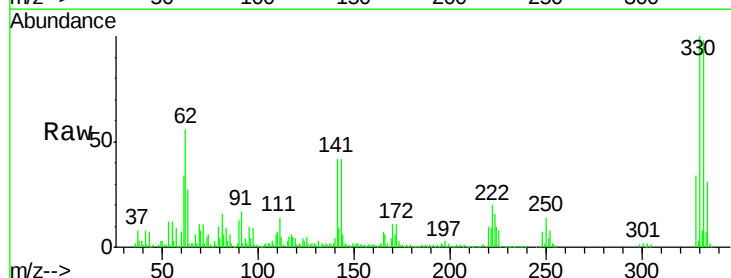
Tgt Ion:248 Resp: 47003

Ion Ratio Lower Upper

248 100

250 204.7 77.1 115.7#

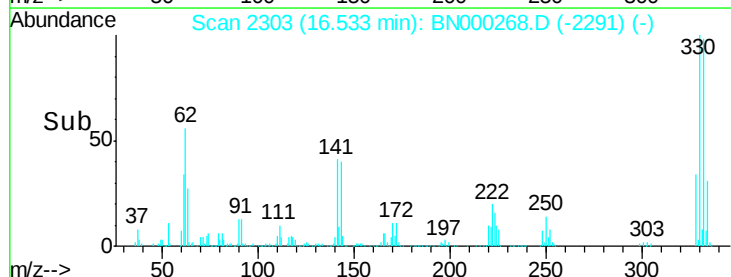
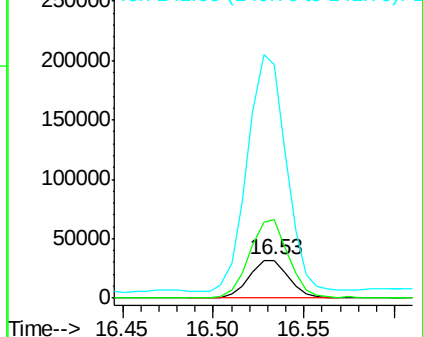
141 611.4 50.8 76.2#

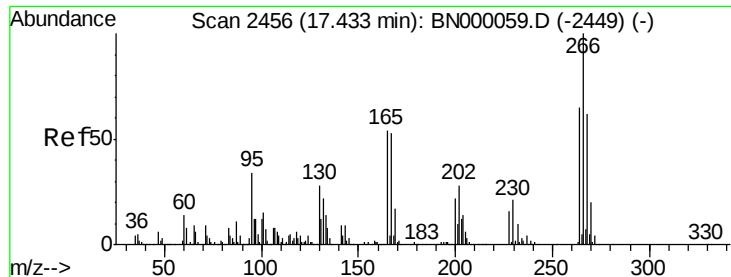


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

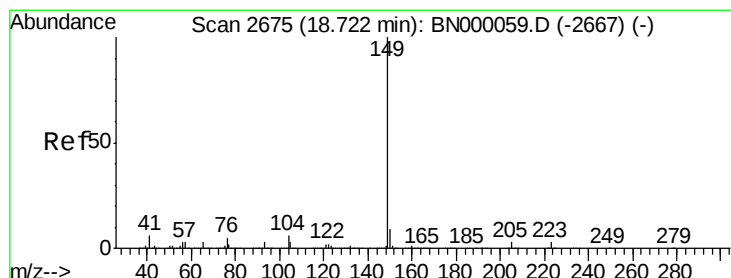
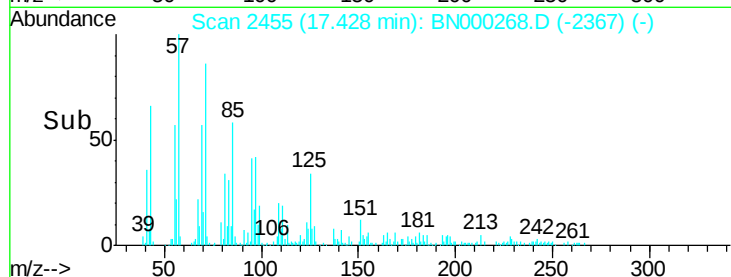
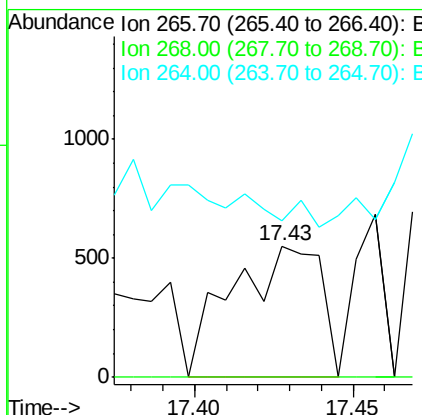
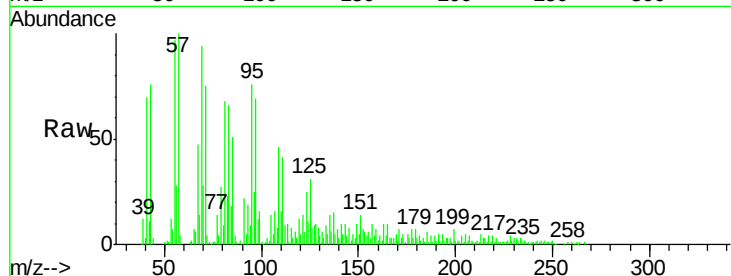




#69
 Pentachlorophenol
 Concen: 5.921 ng
 RT: 17.43 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BN000268.D
 Acq: 06 Mar 2018 17:42

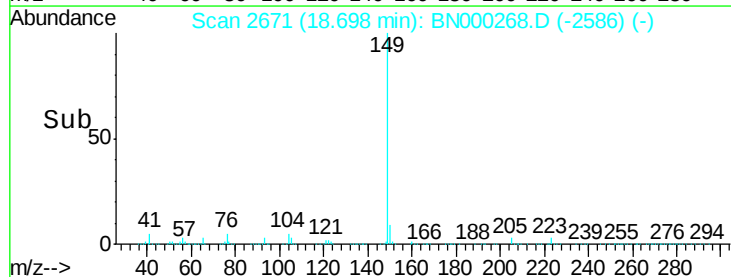
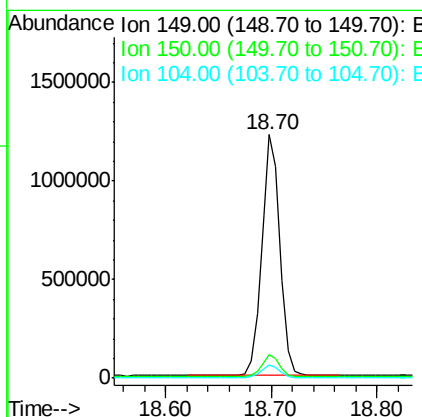
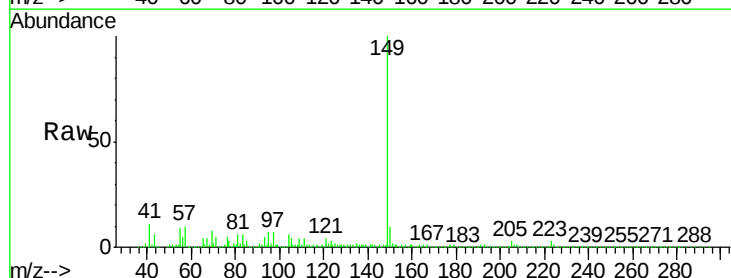
Instrument :
 BNA_N
 ClientSampleId :

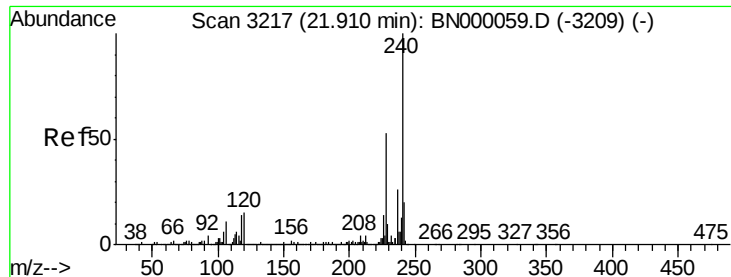
Tot Ion:266 Resp: 1072
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.1 76.7#
 264 118.9 49.6 74.4#



#73
 Di-n-butylphthalate
 Concen: 15.925 ng
 RT: 18.70 min Scan# 2671
 Delta R.T. -0.03 min
 Lab File: BN000268.D
 Acq: 06 Mar 2018 17:42

Tgt Ion:149 Resp: 1465870
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.6
 104 5.6 3.9 5.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.89 min Scan# 3214

Delta R.T. -0.03 min

Lab File: BN000268.D

Acq: 06 Mar 2018 17:42

Instrument :

BNA_N

ClientSampleId :

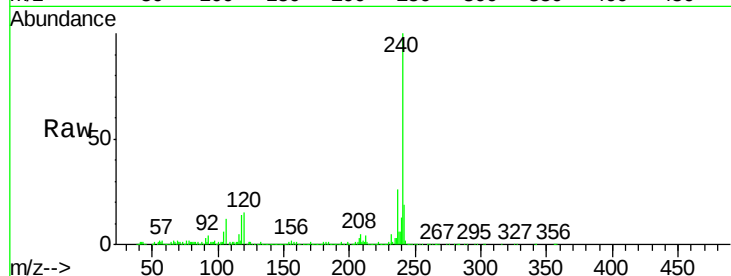
Tot Ion:240 Resp: 1550052

Ion Ratio Lower Upper

240 100

120 15.5 6.8 10.2#

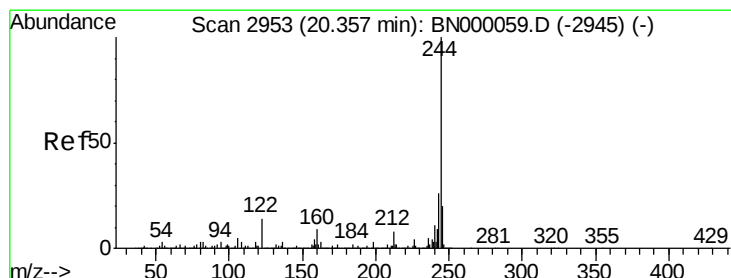
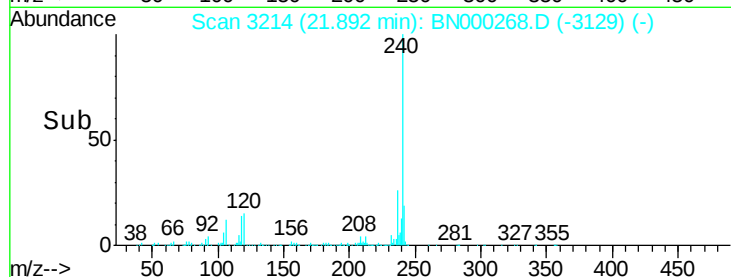
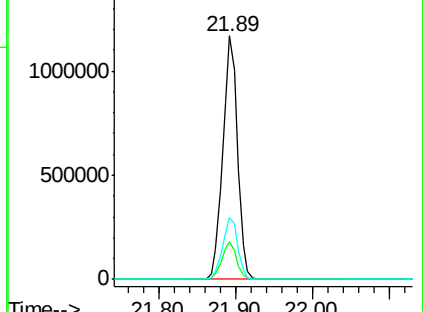
236 25.6 20.9 31.3



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: 68.216 ng

RT: 20.34 min Scan# 2950

Delta R.T. -0.02 min

Lab File: BN000268.D

Acq: 06 Mar 2018 17:42

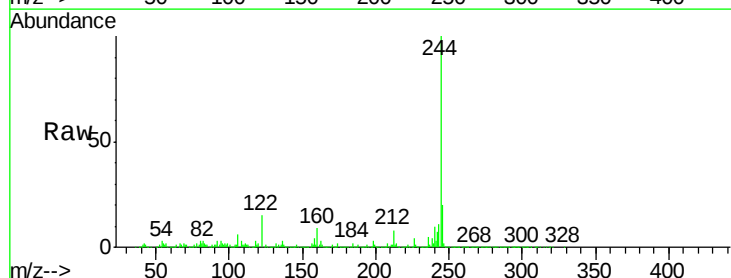
Tgt Ion:244 Resp: 3916046

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

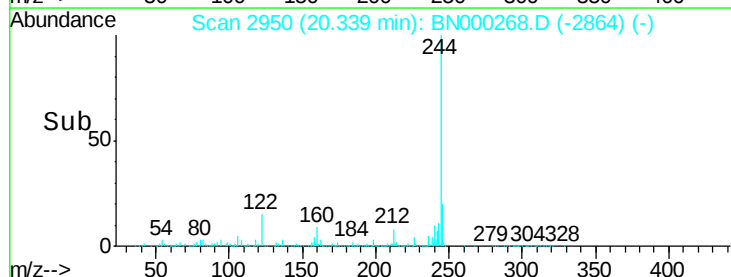
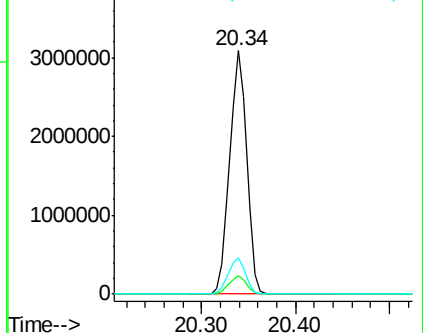
122 15.1 7.0 10.4#

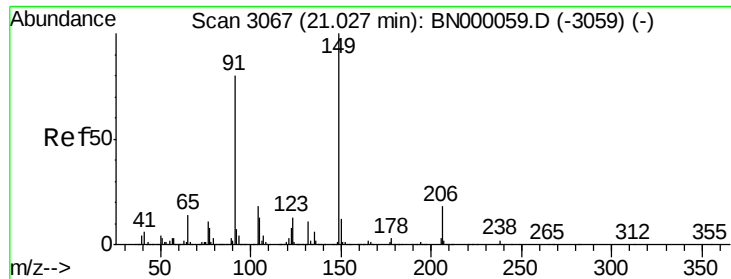


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

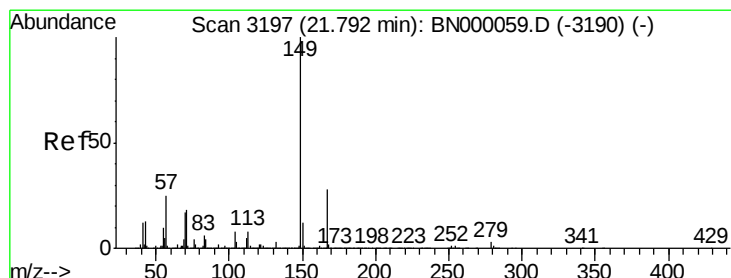
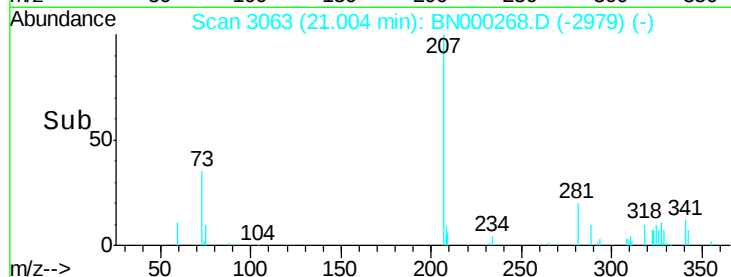
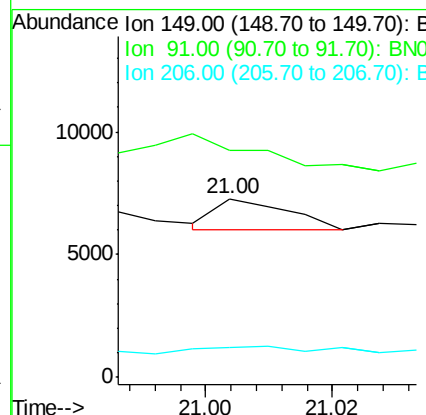
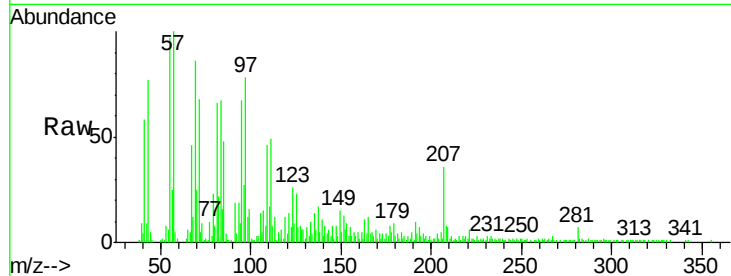




#79
 Butylbenzylphthalate
 Concen: 5.395 ng
 RT: 21.00 min Scan# 3063
 Delta R.T. -0.04 min
 Lab File: BN000268.D
 Acq: 06 Mar 2018 17:42

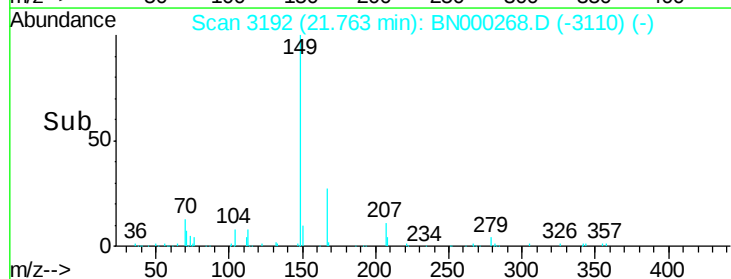
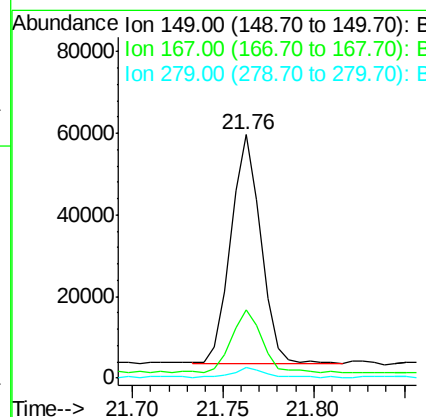
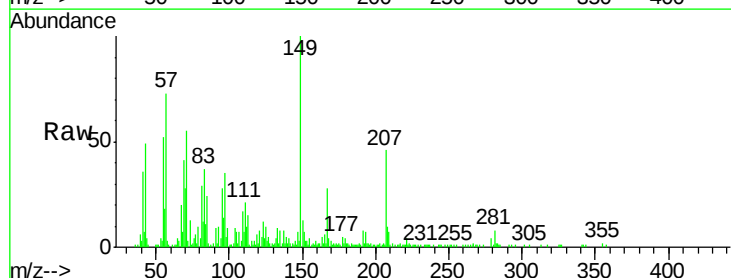
Instrument :
 BNA_N
 ClientSampleId :

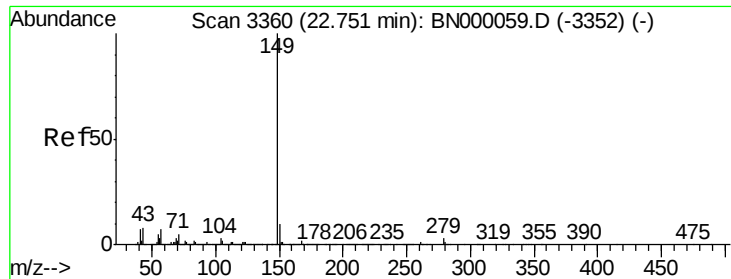
Tot Ion:149 Resp: 1005
 Ion Ratio Lower Upper
 149 100
 91 127.2 62.2 93.2#
 206 16.6 18.6 27.8#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.773 ng
 RT: 21.76 min Scan# 3192
 Delta R.T. -0.05 min
 Lab File: BN000268.D
 Acq: 06 Mar 2018 17:42

Tgt Ion:149 Resp: 64170
 Ion Ratio Lower Upper
 149 100
 167 28.2 24.3 36.5
 279 4.5 4.0 6.0

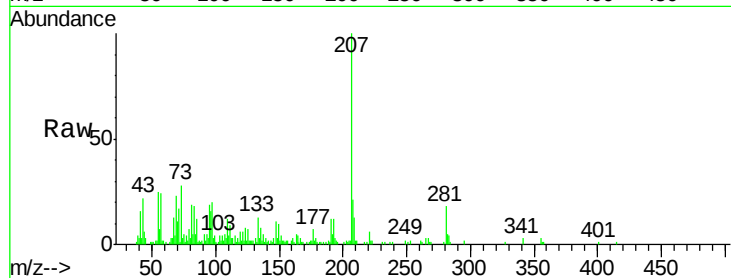




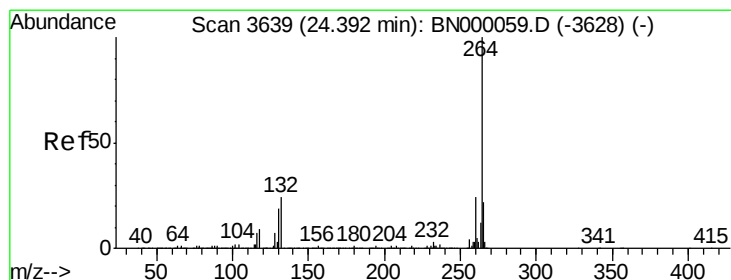
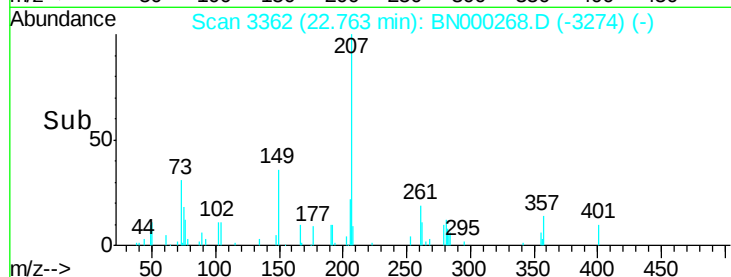
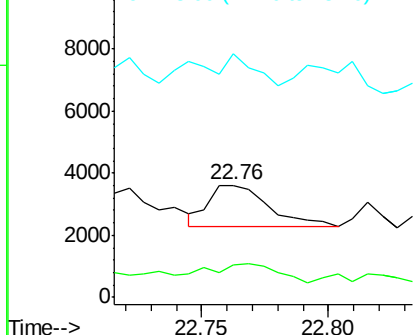
#84
Di-n-octyl phthalate
Concen: 6.745 ng
RT: 22.76 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BN000268.D
Acq: 06 Mar 2018 17:42

Instrument :
BNA_N
ClientSampled :

Tot Ion:149 Resp: 2220
Ion Ratio Lower Upper
149 100
167 53.1 1.4 2.0#
43 0.0 8.9 13.3#

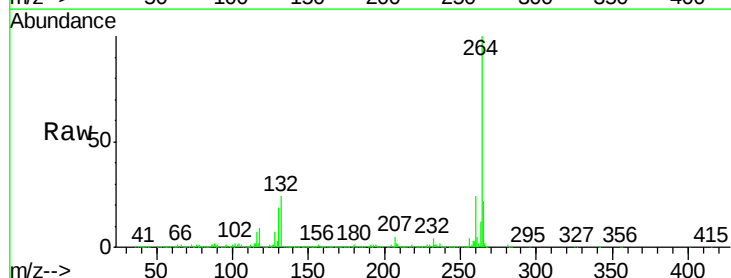


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BNC



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.37 min Scan# 3635
Delta R.T. -0.05 min
Lab File: BN000268.D
Acq: 06 Mar 2018 17:42

Tgt Ion:264 Resp: 1669968
Ion Ratio Lower Upper
264 100
260 23.5 17.4 26.0
265 21.5 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

