

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
 Data File : BN000116.D
 Acq On : 19 Feb 2018 18:46
 Operator : JU/SJ
 Sample : J1573-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 20 03:11:11 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

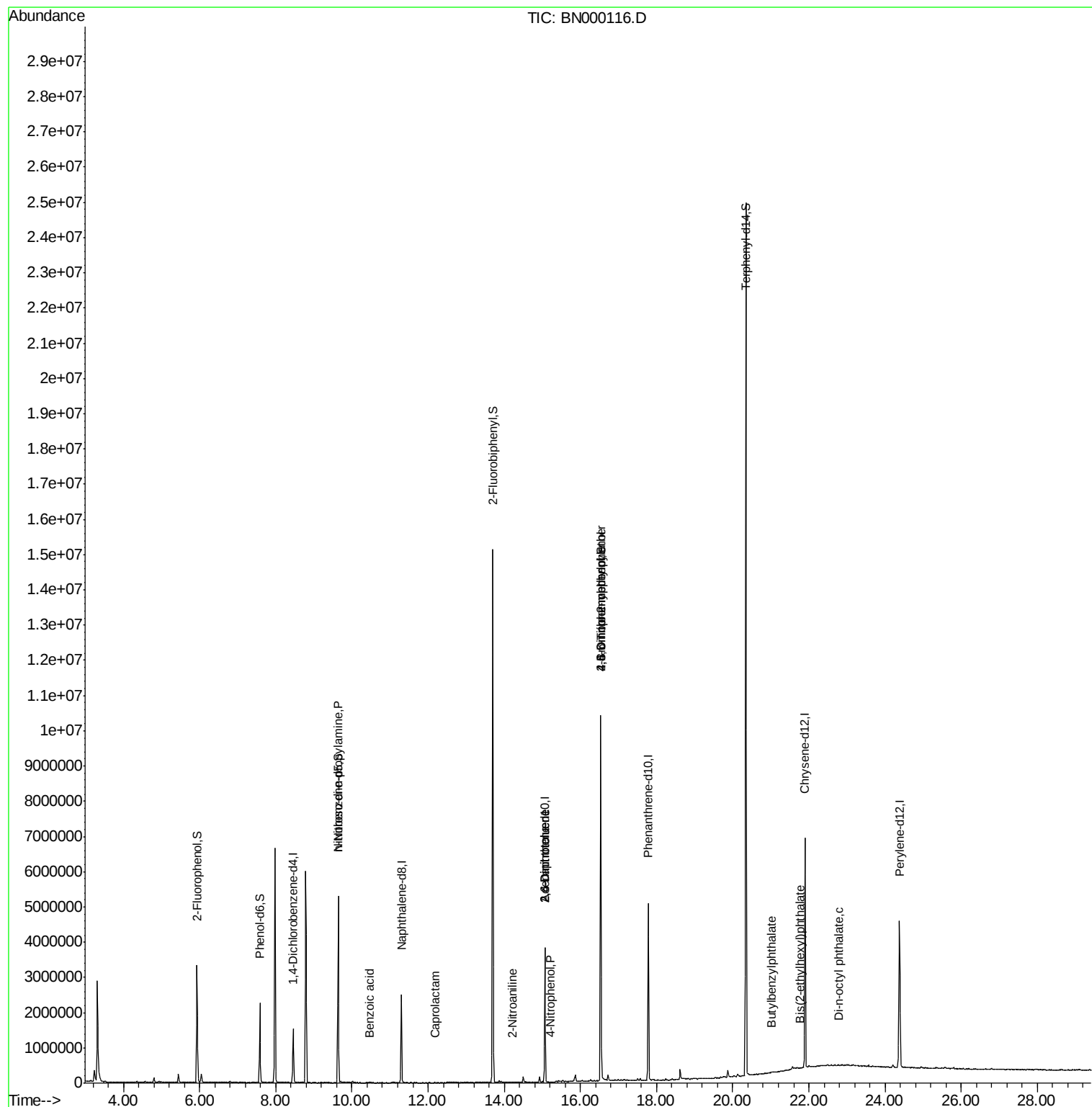
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	411106	20.00	ng	-0.01
21) Naphthalene-d8	11.30	136	2052099	20.00	ng	-0.01
38) Acenaphthene-d10	15.07	164	1203689	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	2754709	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	2972266	20.00	ng	-0.02
86) Perylene-d12	24.38	264	2860894	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	1659389	65.78	ng	-0.01
7) Phenol-d6	7.58	99	1443262	37.77	ng	-0.01
23) Nitrobenzene-d5	9.64	82	3295266	95.47	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	1650681	138.54	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	7405229	86.71	ng	-0.02
78) Terphenyl-d14	20.34	244	10155374	92.26	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.63	70	417607	16.31	ng	# 68
32) Benzoic acid	10.46	122	1900	10.61	ng	# 76
35) Caprolactam	12.17	113	118	4.03	ng	# 57
47) 2-Nitroaniline	14.22	65	429	4.89	ng	# 9
50) 2,6-Dinitrotoluene	15.07	165	155316	7.48	ng	# 20
55) 4-Nitrophenol	15.20	139	112	4.98	ng	# 5
56) 2,4-Dinitrotoluene	15.07	165	155316	8.95	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.54	198	6201	9.10	ng	# 1
66) 4-Bromophenyl-phenylether	16.54	248	119374	4.56	ng	# 1
79) Butylbenzylphthalate	21.02	149	1270	5.39	ng	# 1
83) Bis(2-ethylhexyl)phthalate	21.77	149	7175	2.95	ng	# 96
84) Di-n-octyl phthalate	22.78	149	2467	6.74	ng	# 1

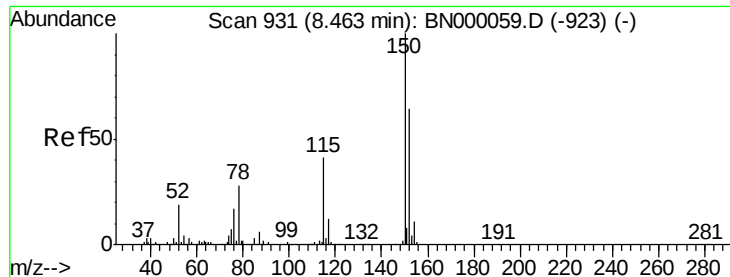
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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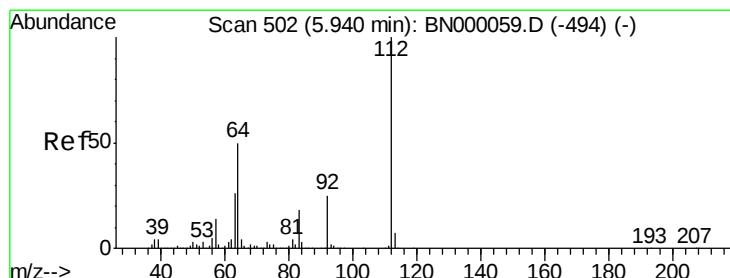
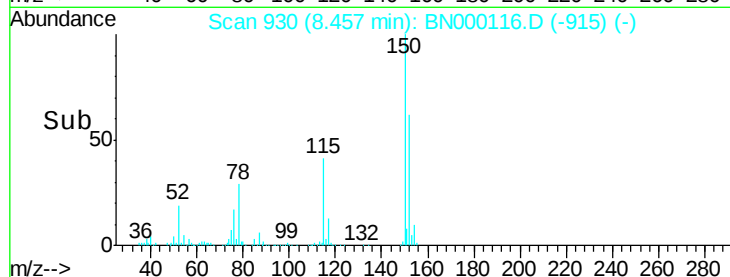
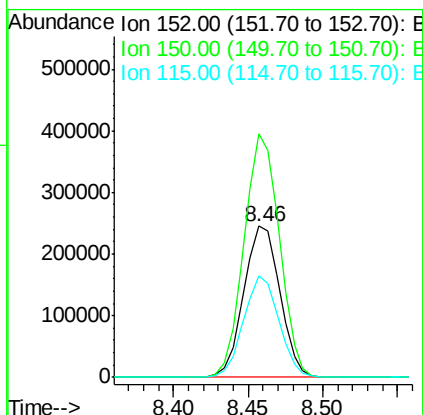
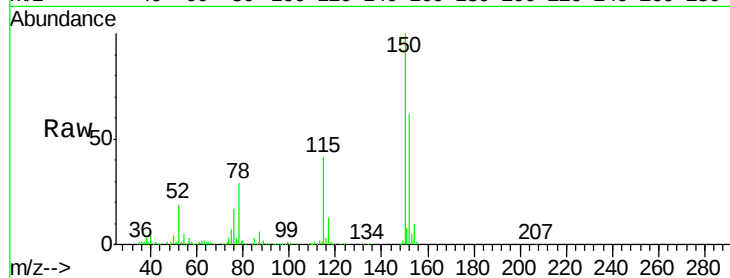


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.01 min
Lab File: BN000116.D
Acq: 19 Feb 2018 18:46

Instrument :
BNA_N
ClientSampleId :

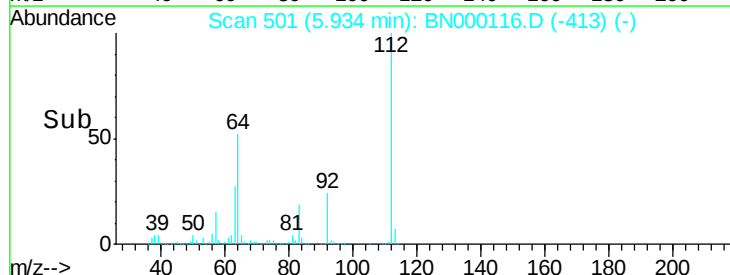
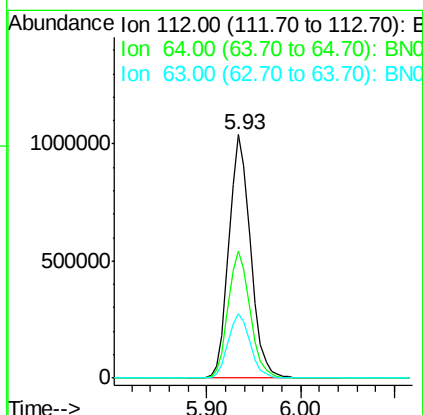
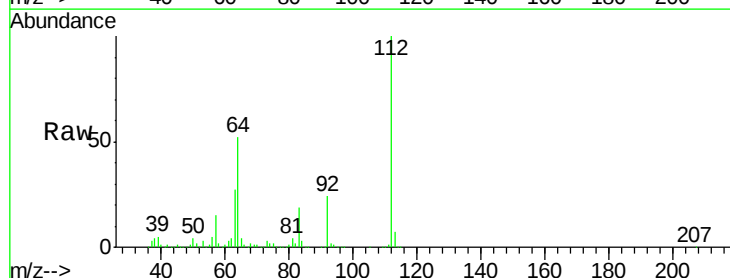
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	126.6	189.8
115	66.7	53.0	79.4

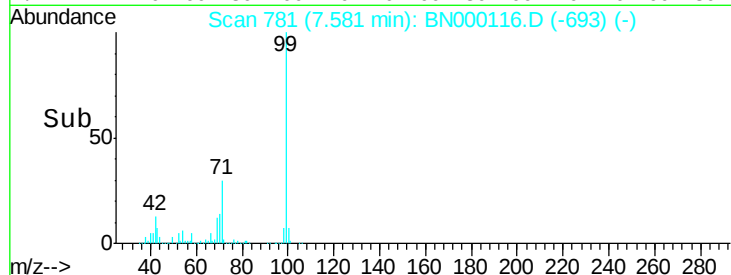
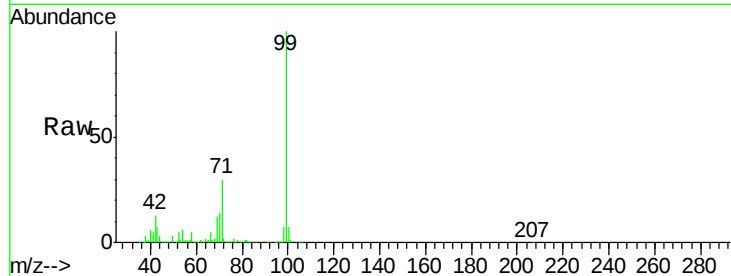
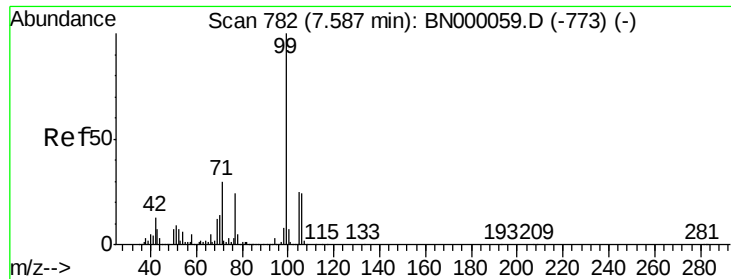


#5

2-Fluorophenol
Concen: 65.78 ng
RT: 5.93 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN000116.D
Acq: 19 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	56.3	84.5#
63	26.5	30.1	45.1#





#7

Phenol-d6

Concen: 37.77 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000116.D

Acq: 19 Feb 2018 18:46

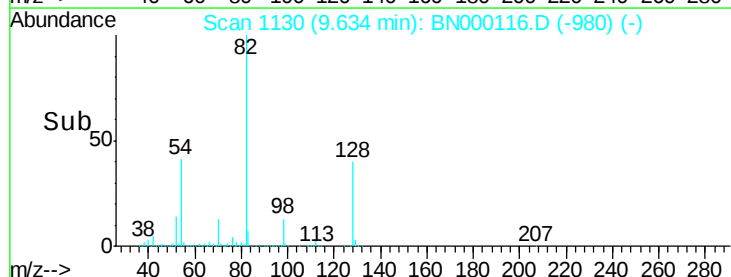
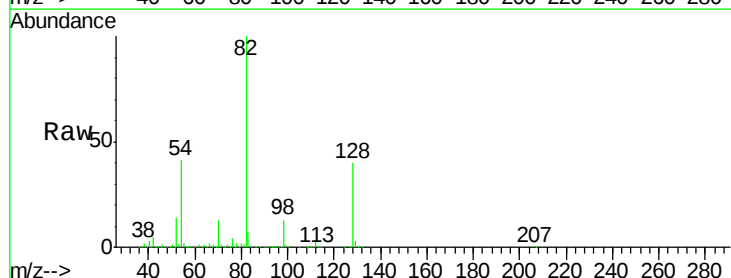
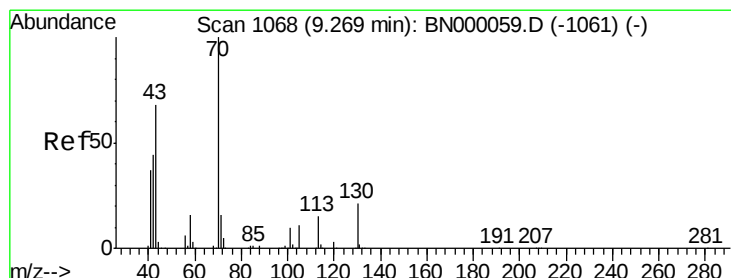
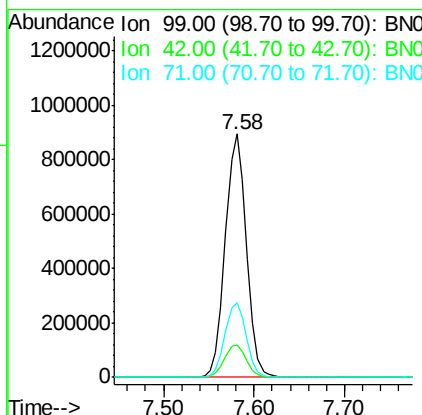
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 99 Resp: 1443262

Ion	Ratio	Lower	Upper
99	100		
42	13.3	14.1	21.1#
71	30.4	26.1	39.1



#19

n-Nitroso-di-n-propylamine

Concen: 16.31 ng

RT: 9.63 min Scan# 1130

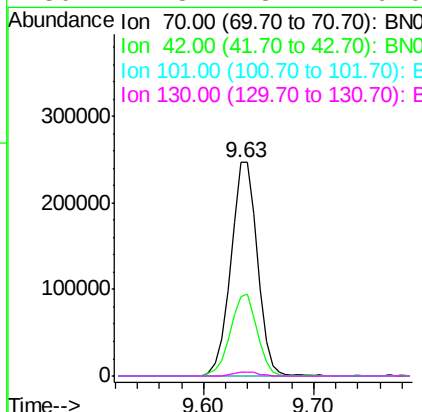
Delta R.T. 0.35 min

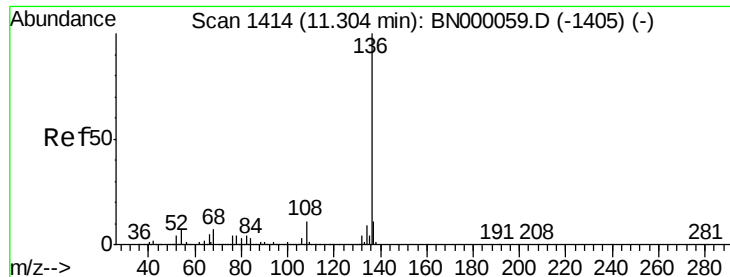
Lab File: BN000116.D

Acq: 19 Feb 2018 18:46

Tgt Ion: 70 Resp: 417607

Ion	Ratio	Lower	Upper
70	100		
42	37.2	49.1	73.7#
101	0.0	8.5	12.7#
130	1.8	13.4	20.0#

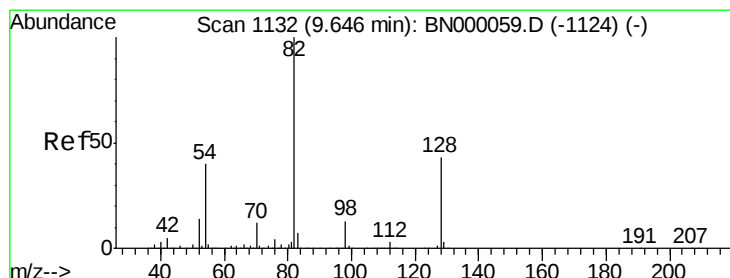
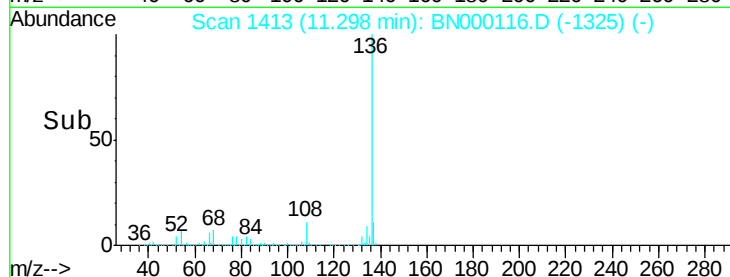
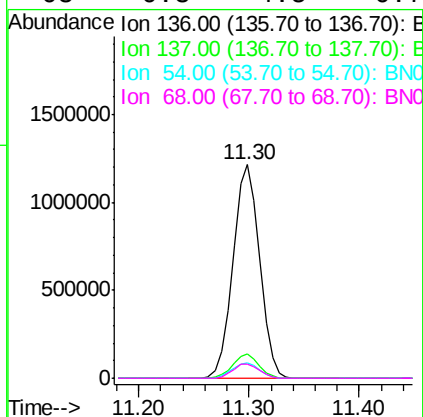
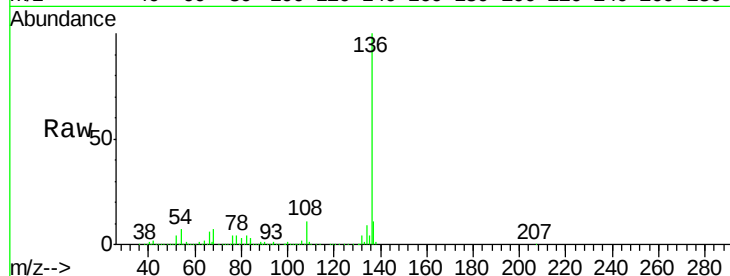




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.30 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BN000116.D
Acq: 19 Feb 2018 18:46

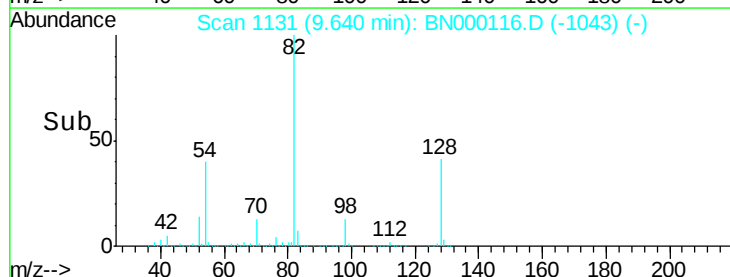
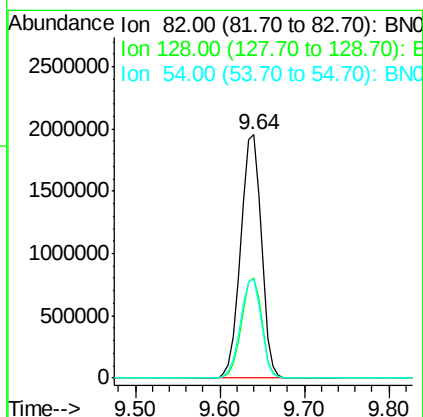
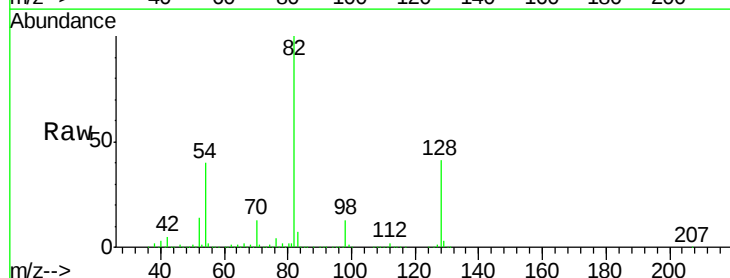
Instrument :
BNA_N
ClientSampleId :

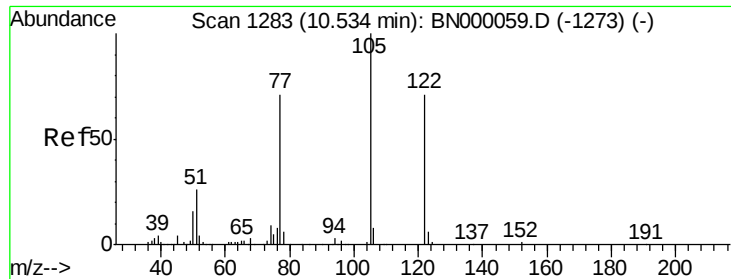
Tot Ion:136	Resp: 2052099
Ion Ratio	Lower Upper
136 100	
137 11.1	9.2 13.8
54 7.4	10.3 15.5#
68 6.8	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 95.47 ng
RT: 9.64 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BN000116.D
Acq: 19 Feb 2018 18:46

Tgt	Ion: 82	Resp: 3295266	
Ion	Ratio	Lower	Upper
82	100		
128	41.4	29.7	44.5
54	40.4	43.1	64.7#

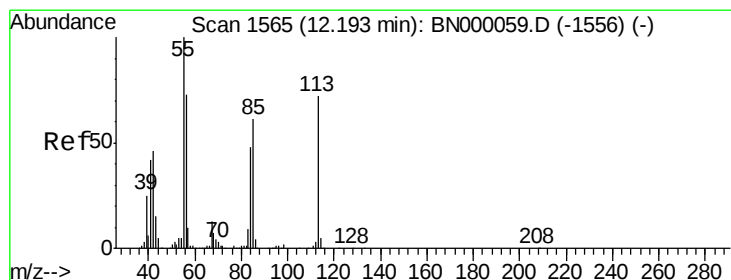
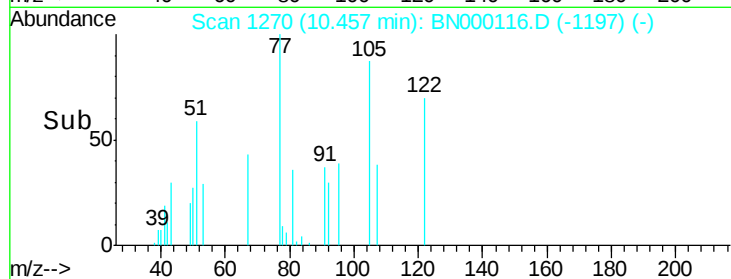
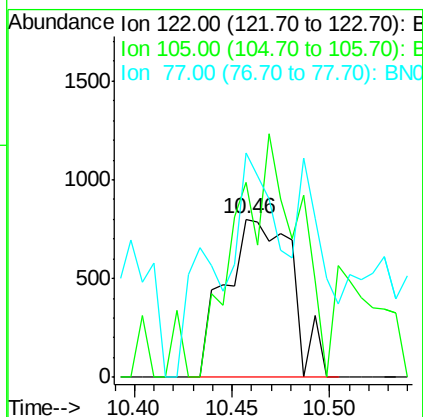
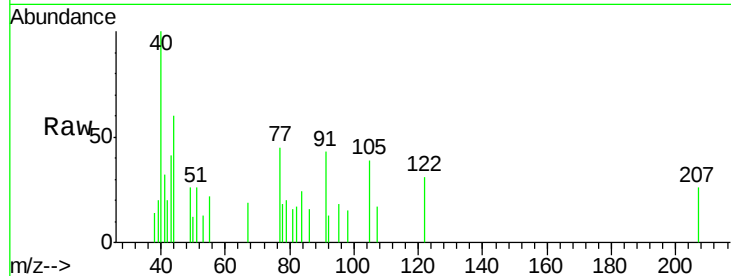




#32
Benzoic acid
Concen: 10.61 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.10 min
Lab File: BN000116.D
Acq: 19 Feb 2018 18:46

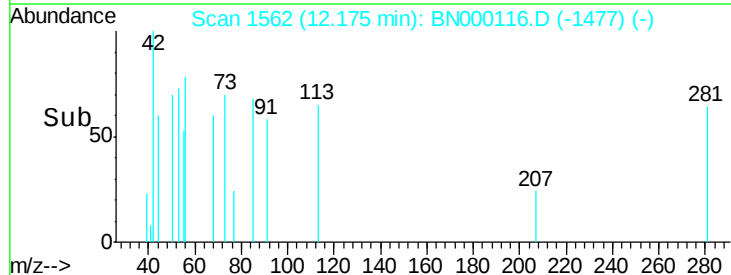
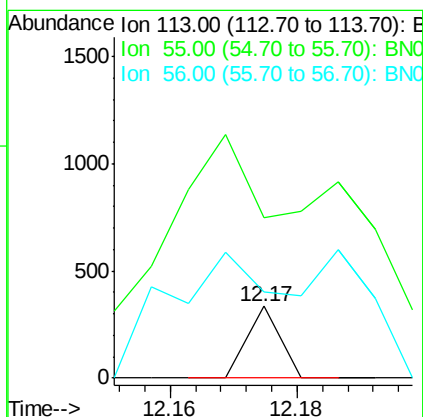
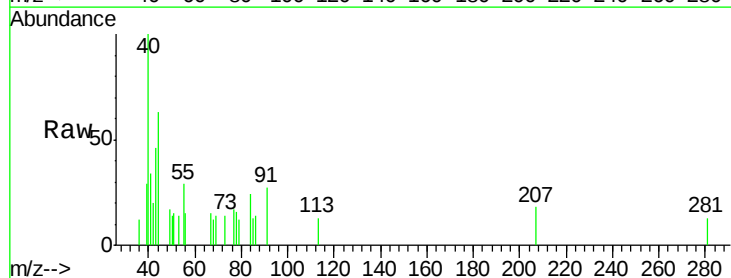
Instrument :
BNA_N
ClientSampleId :

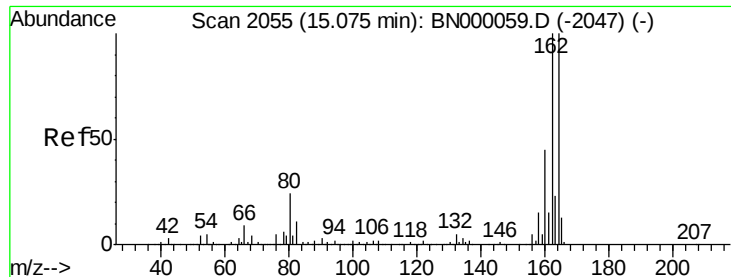
Tot Ion:122 Resp: 1900
Ion Ratio Lower Upper
122 100
105 123.3 123.5 163.5#
77 142.2 85.7 125.7#



#35
Caprolactam
Concen: 4.03 ng
RT: 12.17 min Scan# 1562
Delta R.T. -0.03 min
Lab File: BN000116.D
Acq: 19 Feb 2018 18:46

Tgt Ion:113 Resp: 118
Ion Ratio Lower Upper
113 100
55 224.9 120.0 160.0#
56 119.8 90.0 130.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.07 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BN000116.D

Acq: 19 Feb 2018 18:46

Instrument :

BNA_N

ClientSampleId :

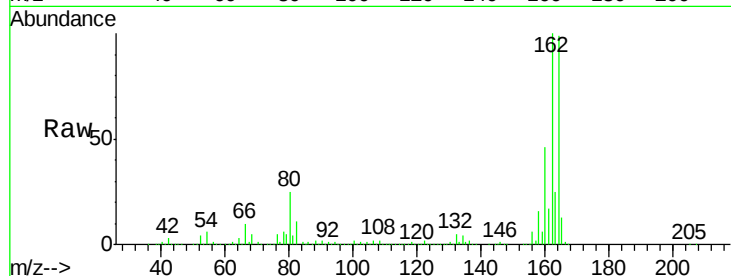
Tot Ion:164 Resp: 1203689

Ion Ratio Lower Upper

164 100

162 101.3 78.8 118.2

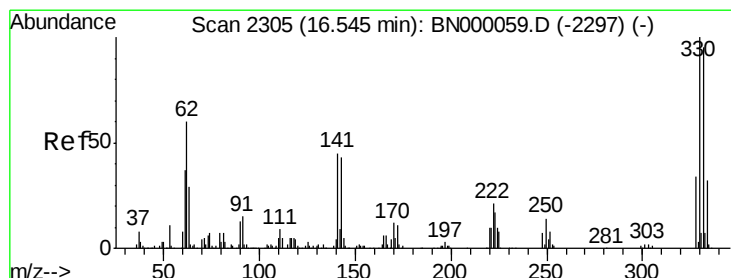
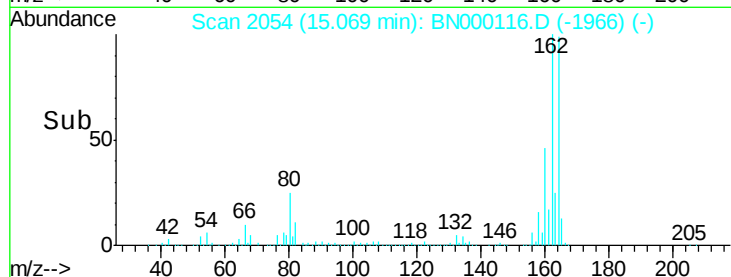
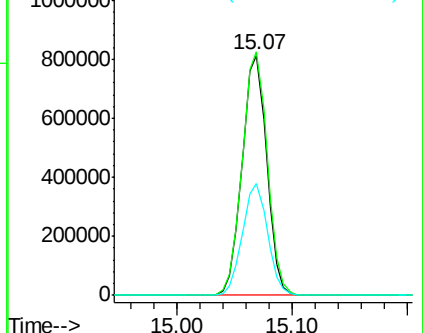
160 46.7 35.4 53.0



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: 138.54 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BN000116.D

Acq: 19 Feb 2018 18:46

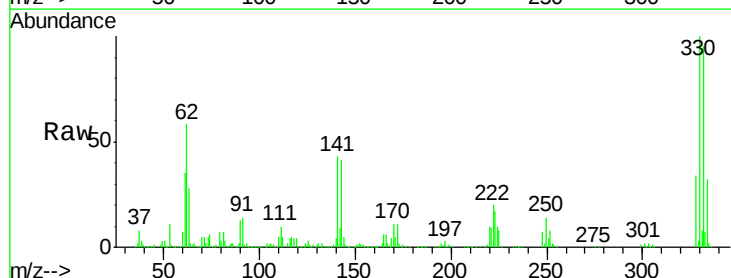
Tgt Ion:330 Resp: 1650681

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

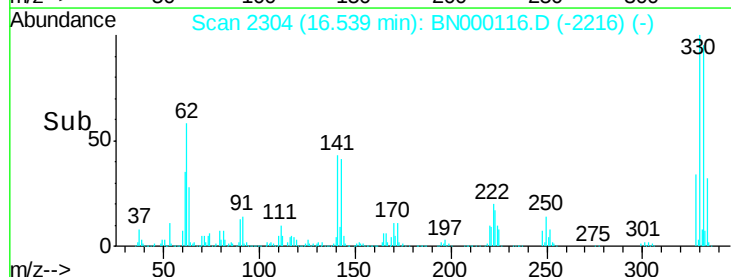
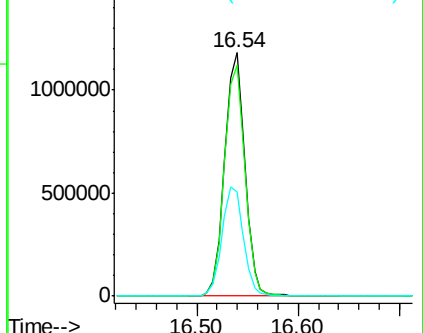
141 47.7 25.2 37.8#

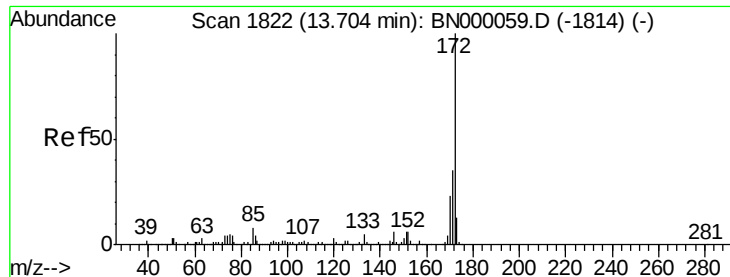


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

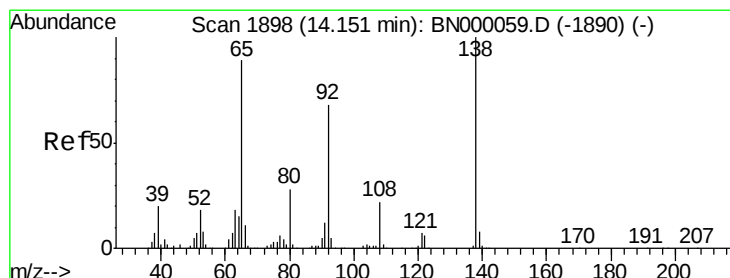
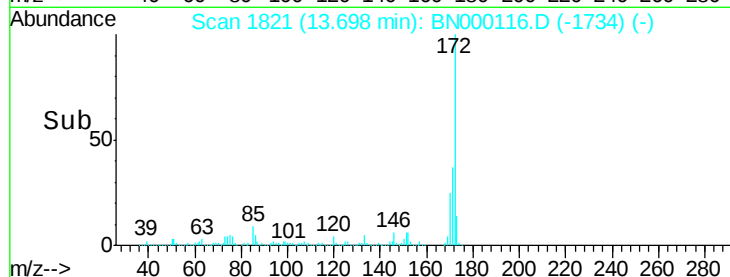
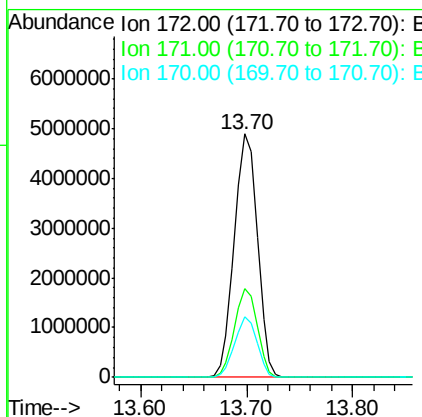
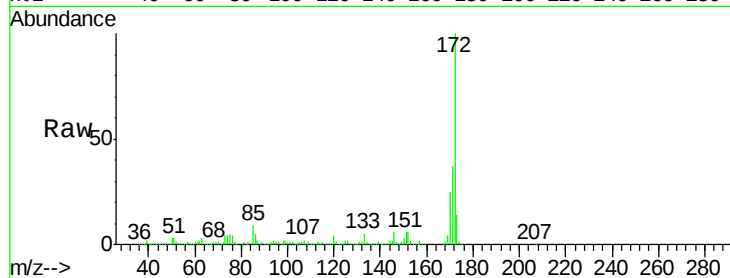




#44
2-Fluorobiphenyl
Concen: 86.71 ng
RT: 13.70 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BN000116.D
Acq: 19 Feb 2018 18:46

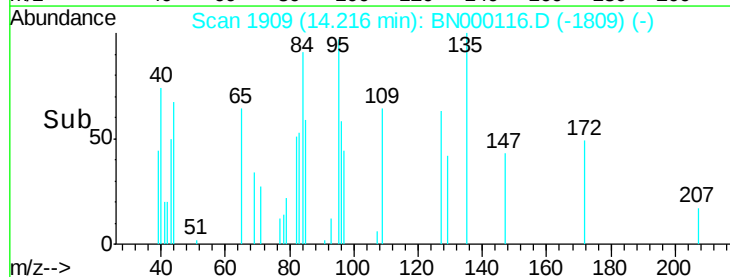
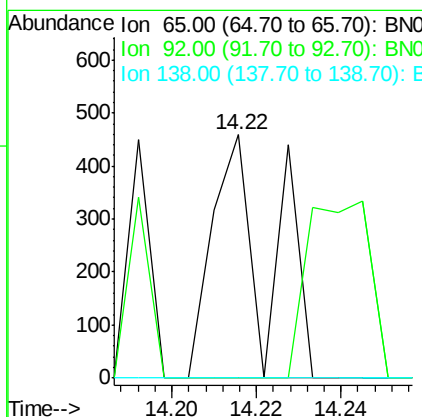
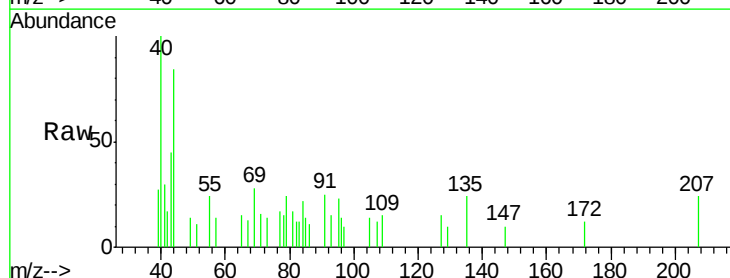
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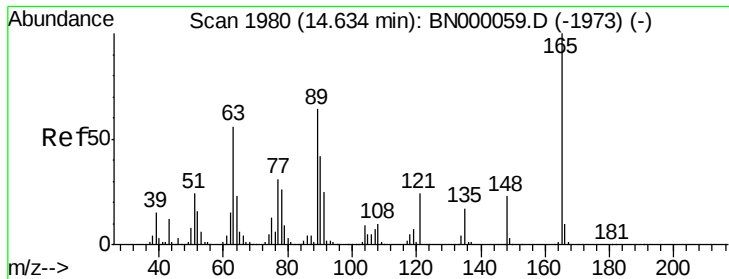
Tot Ion:172 Resp: 7405229
Ion Ratio Lower Upper
172 100
171 36.7 30.0 45.0
170 24.7 19.5 29.3



#47
2-Nitroaniline
Concen: 4.89 ng
RT: 14.22 min Scan# 1909
Delta R.T. 0.06 min
Lab File: BN000116.D
Acq: 19 Feb 2018 18:46

Tgt Ion: 65 Resp: 429
Ion Ratio Lower Upper
65 100
92 0.0 54.6 82.0#
138 0.0 72.9 109.3#





#50

2,6-Dinitrotoluene

Concen: 7.48 ng

RT: 15.07 min Scan# 2054

Delta R.T. 0.42 min

Lab File: BN000116.D

Acq: 19 Feb 2018 18:46

Instrument :

BNA_N

ClientSampleId :

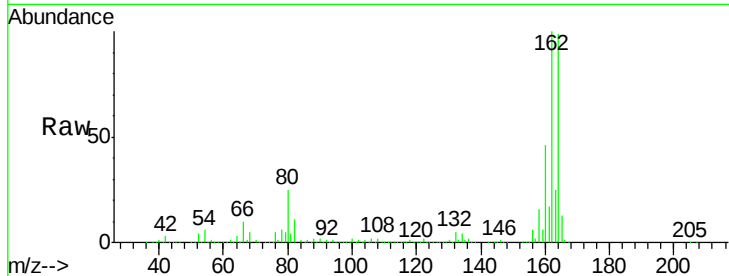
Tot Ion:165 Resp: 155316

Ion Ratio Lower Upper

165 100

63 1.5 52.7 79.1#

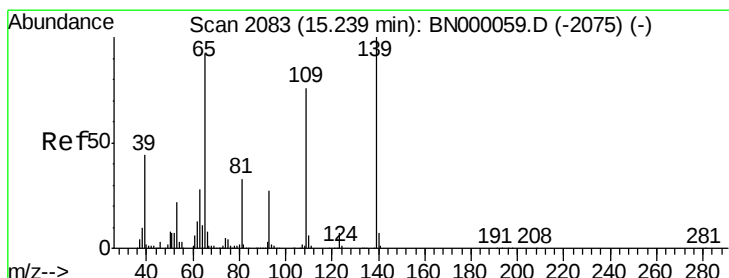
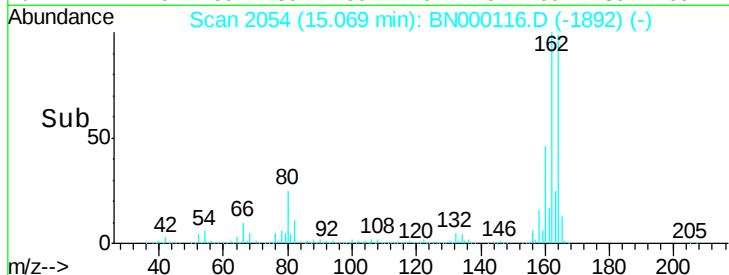
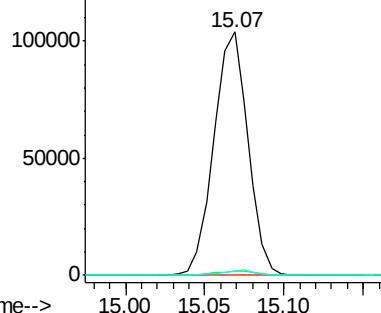
89 1.5 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC



#55

4-Nitrophenol

Concen: 4.98 ng

RT: 15.20 min Scan# 2076

Delta R.T. -0.05 min

Lab File: BN000116.D

Acq: 19 Feb 2018 18:46

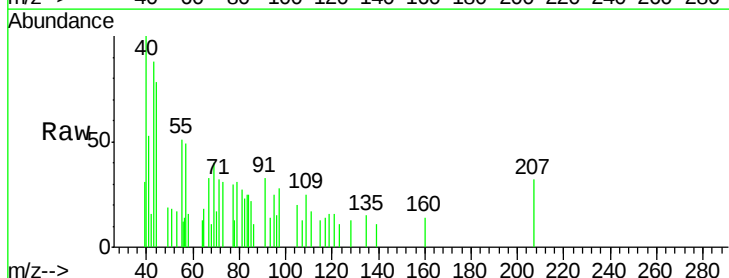
Tgt Ion:139 Resp: 112

Ion Ratio Lower Upper

139 100

109 229.4 62.2 102.2#

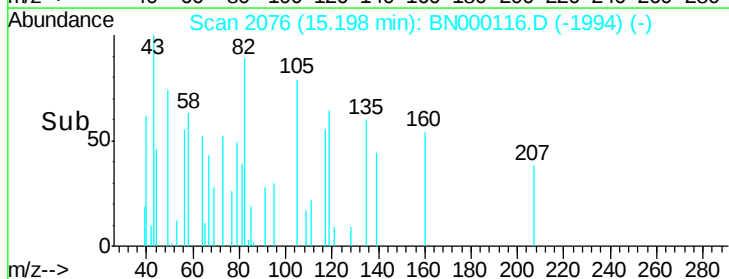
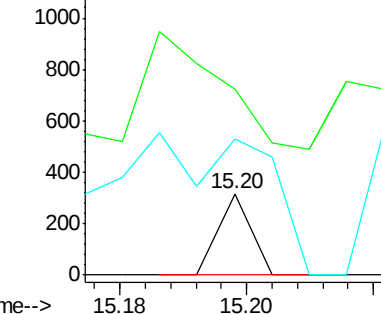
65 167.1 97.2 137.2#

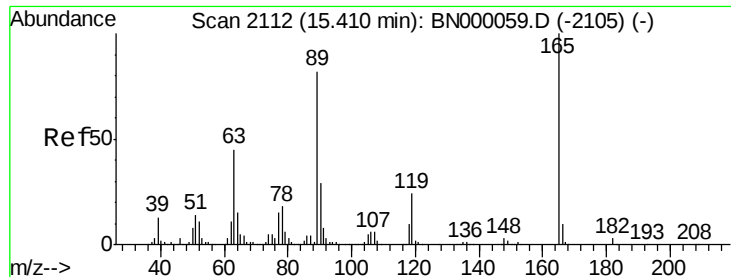


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNC

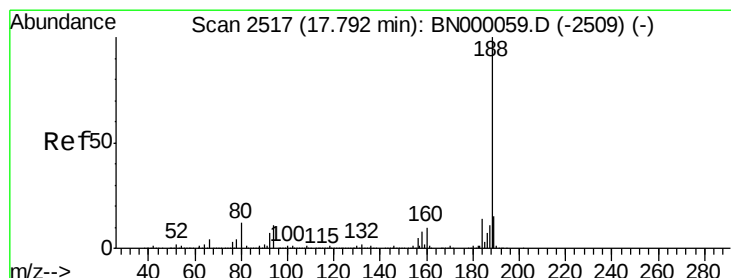
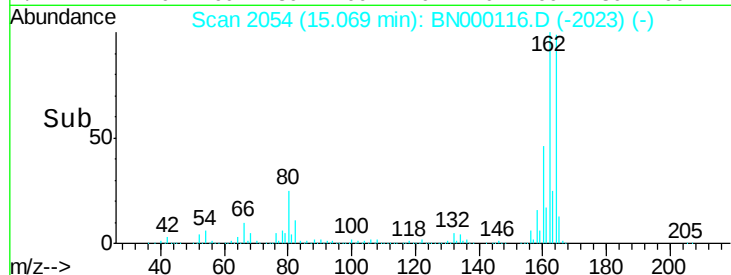
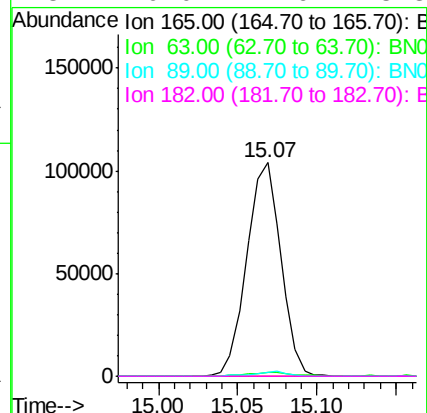
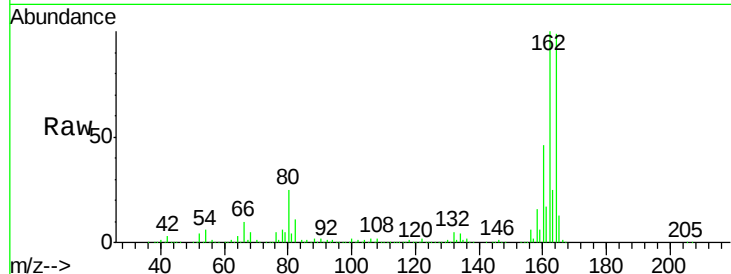




#56
 2,4-Dinitrotoluene
 Concen: 8.95 ng
 RT: 15.07 min Scan# 2054
 Delta R.T. -0.35 min
 Lab File: BN000116.D
 Acq: 19 Feb 2018 18:46

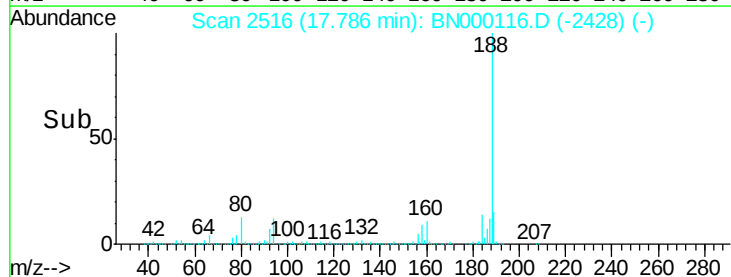
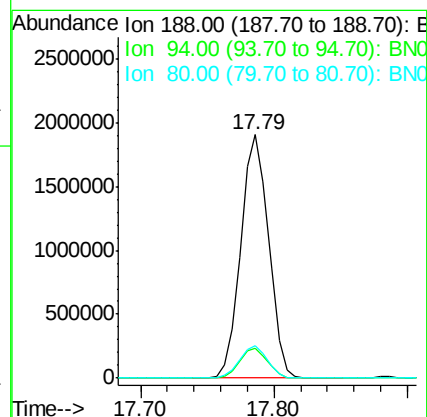
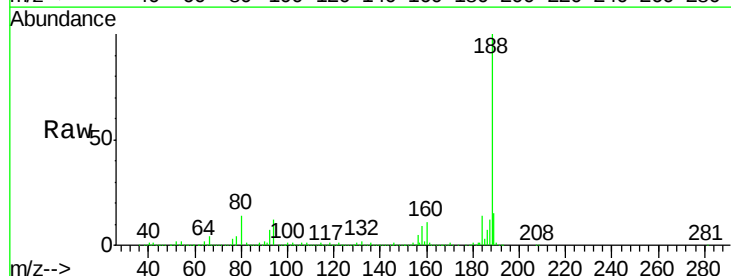
Instrument :
 BNA_N
 ClientSampleId :

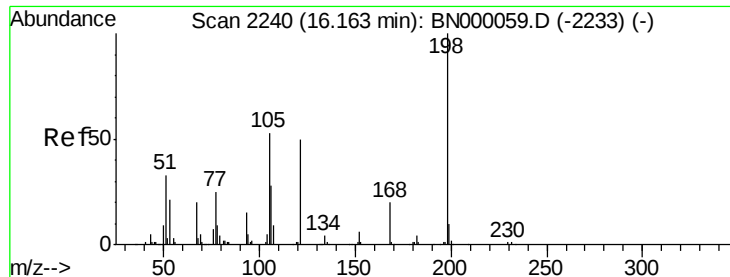
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.0	63.0#
89	1.5	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.79 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BN000116.D
 Acq: 19 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.3	6.9	10.3#
80	13.5	7.7	11.5#





#64

4,6-Dinitro-2-methylphenol

Concen: 9.10 ng

RT: 16.54 min Scan# 2304

Delta R.T. 0.37 min

Lab File: BN000116.D

Acq: 19 Feb 2018 18:46

Instrument :

BNA_N

ClientSampleId :

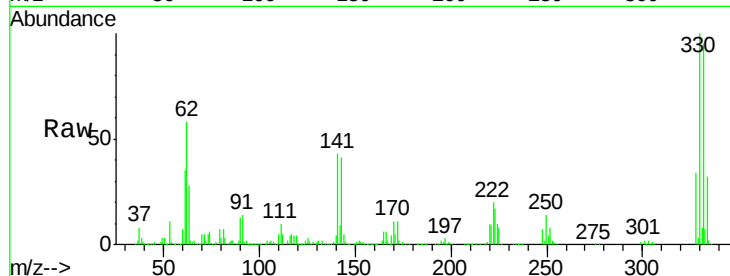
Tot Ion:198 Resp: 6201

Ion Ratio Lower Upper

198 100

51 127.6 30.6 70.6#

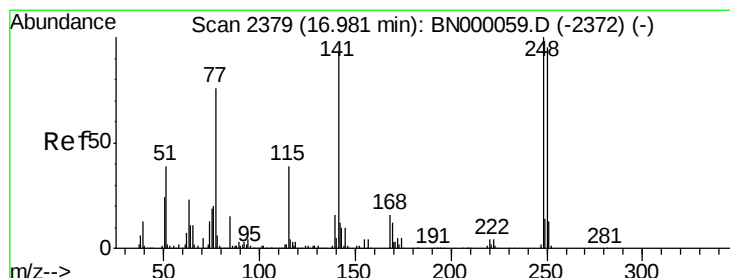
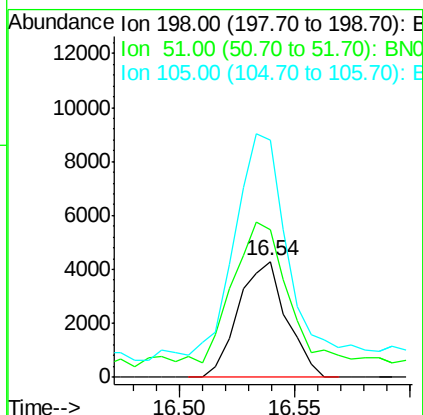
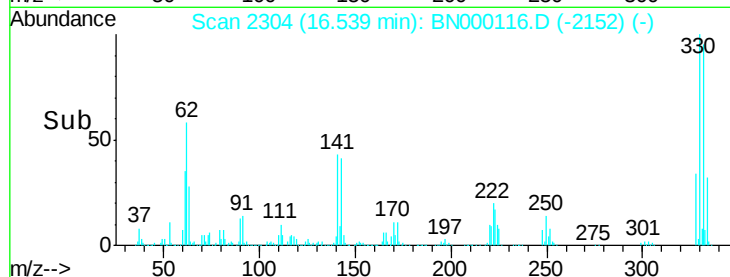
105 204.8 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.56 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.45 min

Lab File: BN000116.D

Acq: 19 Feb 2018 18:46

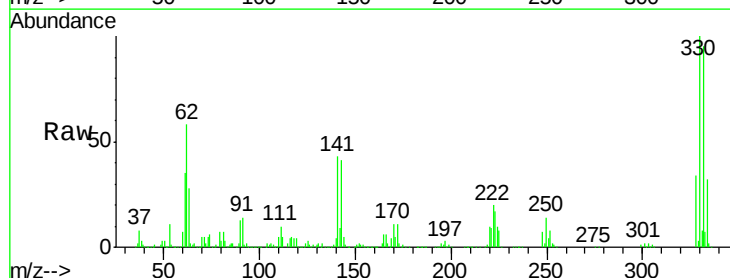
Tgt Ion:248 Resp: 119374

Ion Ratio Lower Upper

248 100

250 203.9 77.1 115.7#

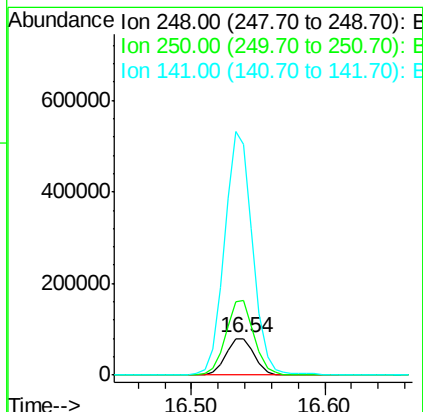
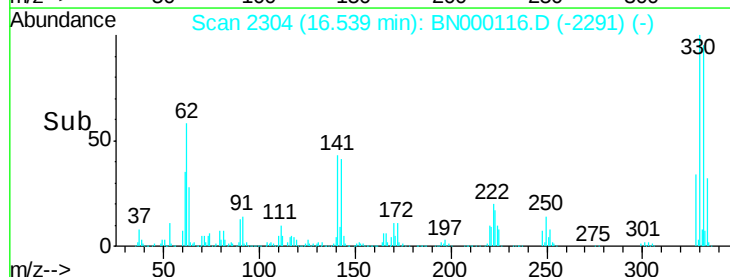
141 628.6 50.8 76.2#

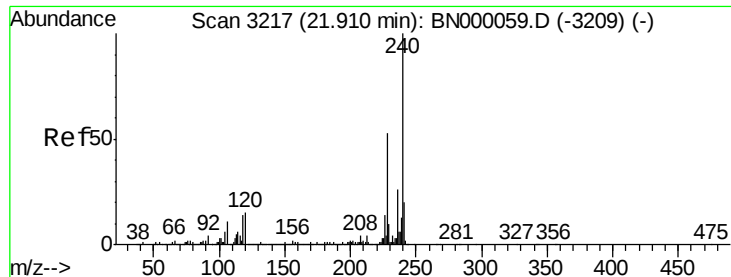


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3215

Delta R.T. -0.02 min

Lab File: BN000116.D

Acq: 19 Feb 2018 18:46

Instrument :

BNA_N

ClientSampled :

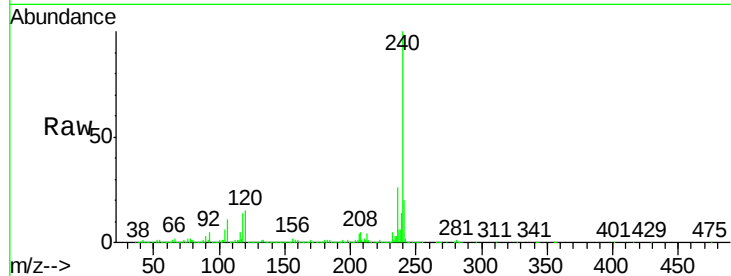
Tot Ion:240 Resp: 2972266

Ion Ratio Lower Upper

240 100

120 15.3 6.8 10.2#

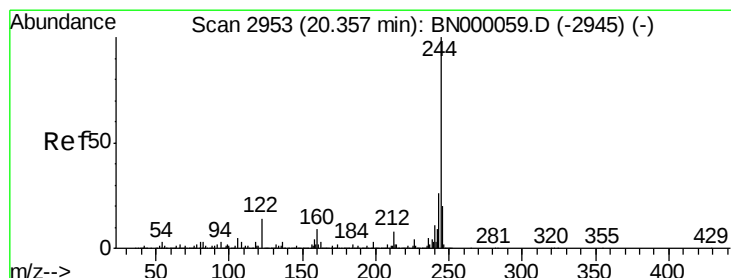
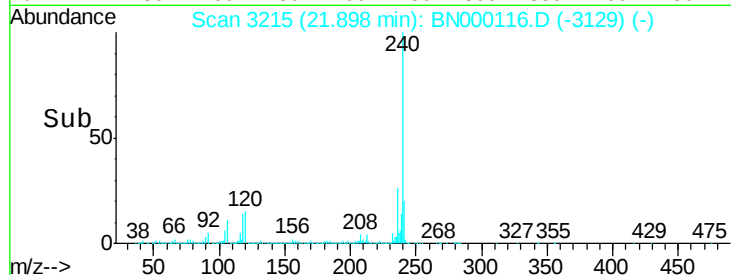
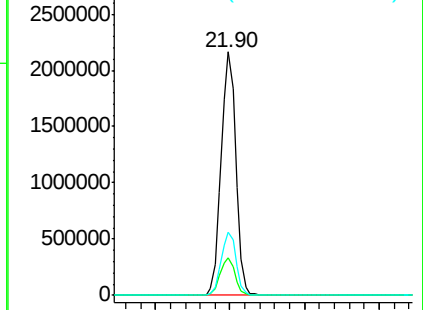
236 26.0 20.9 31.3



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: 92.26 ng

RT: 20.34 min Scan# 2951

Delta R.T. -0.02 min

Lab File: BN000116.D

Acq: 19 Feb 2018 18:46

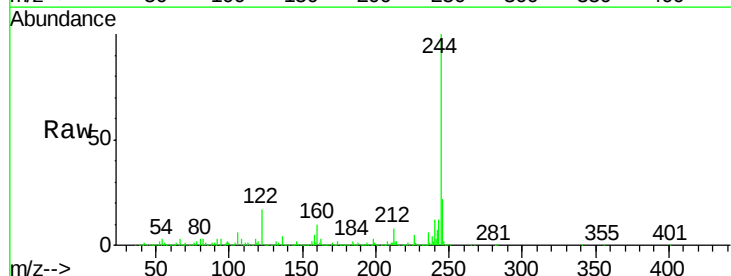
Tgt Ion:244 Resp:10155374

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

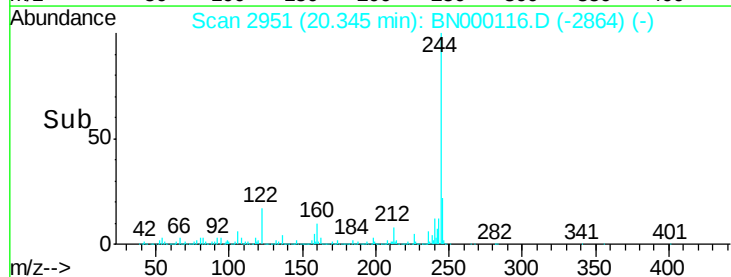
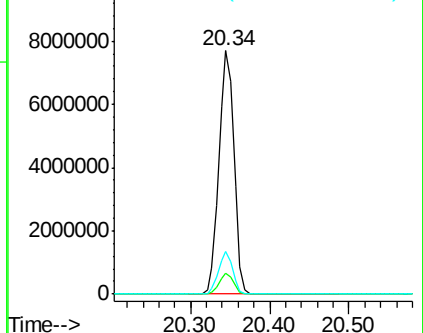
122 17.3 7.0 10.4#

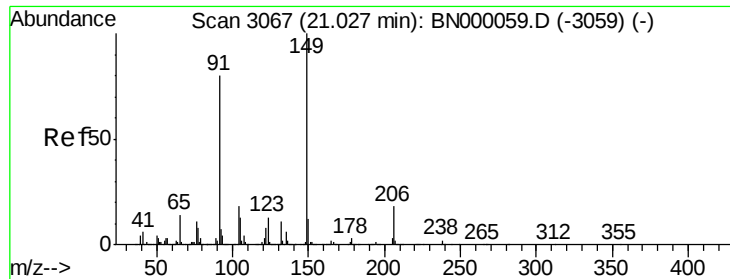


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

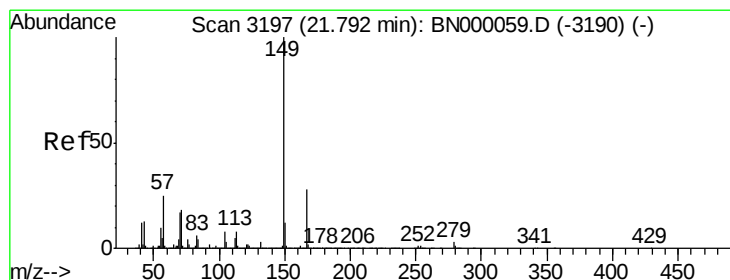
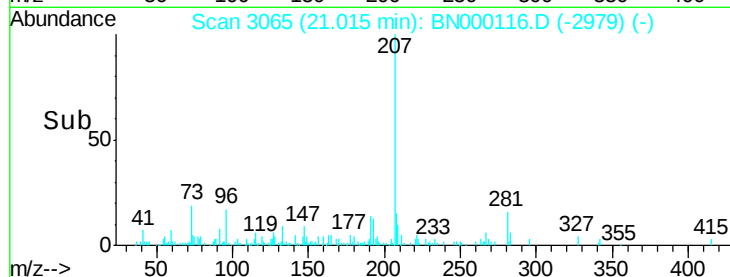
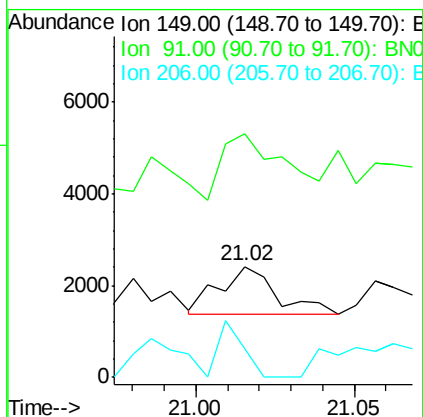
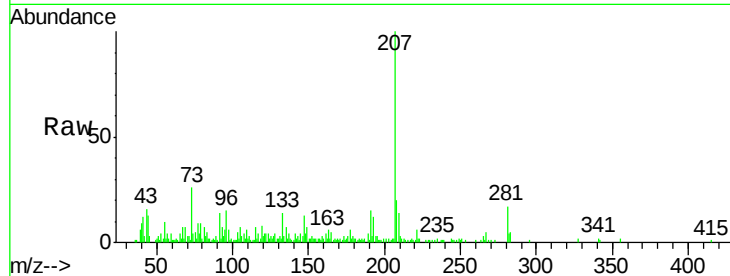




#79
 Butylbenzylphthalate
 Concen: 5.39 ng
 RT: 21.02 min Scan# 3065
 Delta R.T. -0.02 min
 Lab File: BN000116.D
 Acq: 19 Feb 2018 18:46

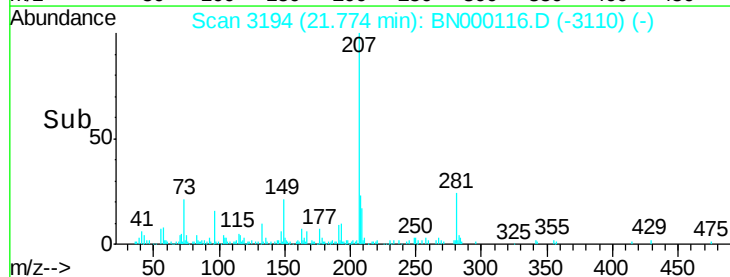
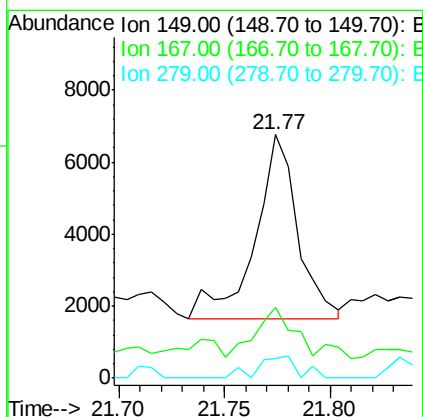
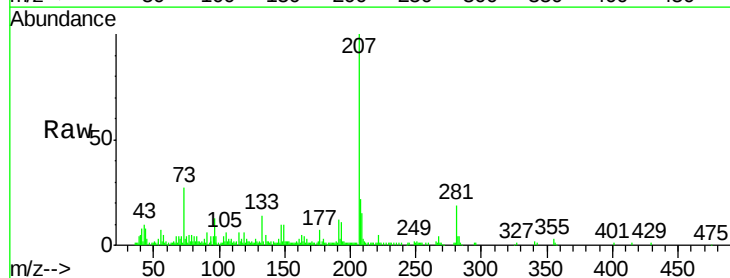
Instrument :
 BNA_N
 ClientSampled :

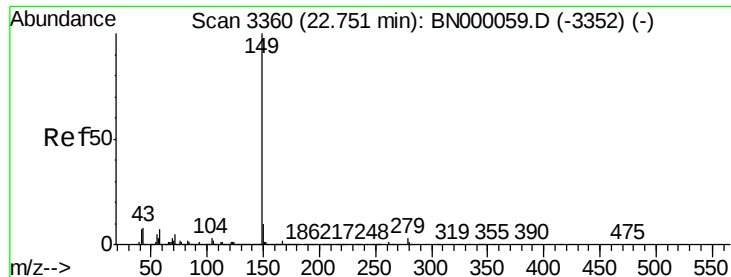
Tot Ion:149 Resp: 1270
 Ion Ratio Lower Upper
 149 100
 91 220.1 62.2 93.2#
 206 25.7 18.6 27.8



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.95 ng
 RT: 21.77 min Scan# 3194
 Delta R.T. -0.03 min
 Lab File: BN000116.D
 Acq: 19 Feb 2018 18:46

Tgt Ion:149 Resp: 7175
 Ion Ratio Lower Upper
 149 100
 167 29.0 24.3 36.5
 279 8.1 4.0 6.0#

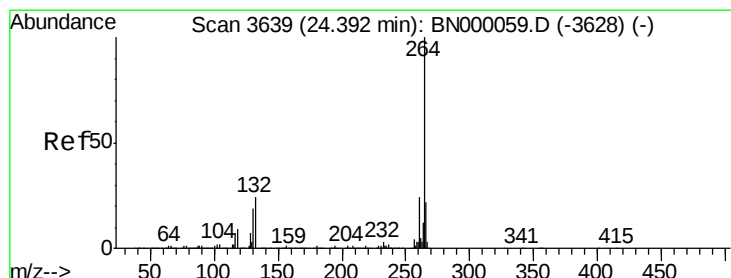
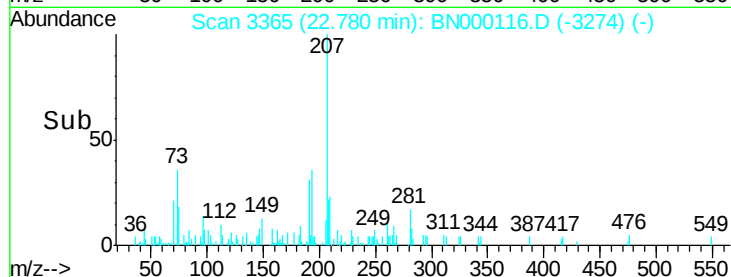
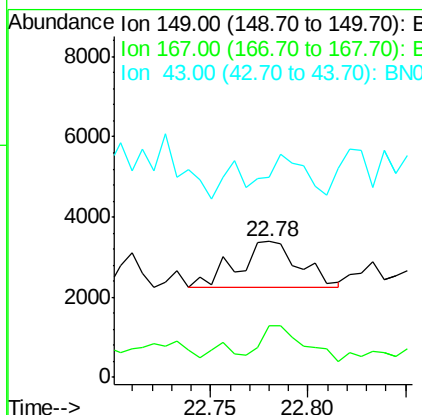
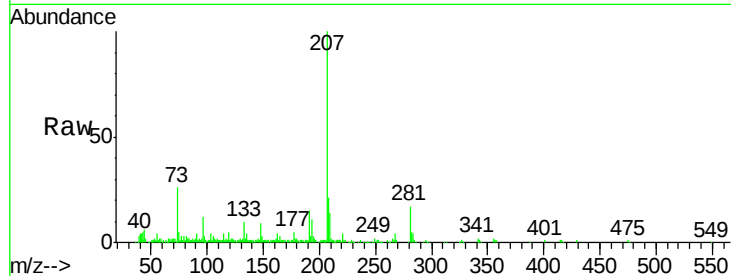




#84
Di-n-octyl phthalate
Concen: 6.74 ng
RT: 22.78 min Scan# 3365
Delta R.T. 0.01 min
Lab File: BN000116.D
Acq: 19 Feb 2018 18:46

Instrument :
BNA_N
ClientSampled :

Tot Ion:149 Resp: 2467
Ion Ratio Lower Upper
149 100
167 55.9 1.4 2.0#
43 57.2 8.9 13.3#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.38 min Scan# 3637
Delta R.T. -0.04 min
Lab File: BN000116.D
Acq: 19 Feb 2018 18:46

Tgt Ion:264 Resp: 2860894
Ion Ratio Lower Upper
264 100
260 24.4 17.4 26.0
265 21.5 17.7 26.5

