

Data Path : Z:\HPCHEM1\BNA N\DATA\BN030618\
 Data File : BN000261.D
 Acq On : 06 Mar 2018 13:40
 Operator : JU/SJ
 Sample : J1699-29
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 07 04:27:16 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	247193	20.00	ng	-0.02
21) Naphthalene-d8	11.29	136	1180286	20.00	ng	-0.02
38) Acenaphthene-d10	15.06	164	669949	20.00	ng	-0.02
63) Phenanthrene-d10	17.78	188	1421665	20.00	ng	-0.02
75) Chrysene-d12	21.89	240	1428034	20.00	ng	-0.03
86) Perylene-d12	24.37	264	1509016	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.93	112	1537582	101.37	ng	-0.02
7) Phenol-d6	7.58	99	2138004	93.06	ng	-0.02
23) Nitrobenzene-d5	9.63	82	1236455	62.29	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	531534	80.15	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	2548508	53.61	ng	-0.03
78) Terphenyl-d14	20.34	244	3238137	61.23	ng	-0.02

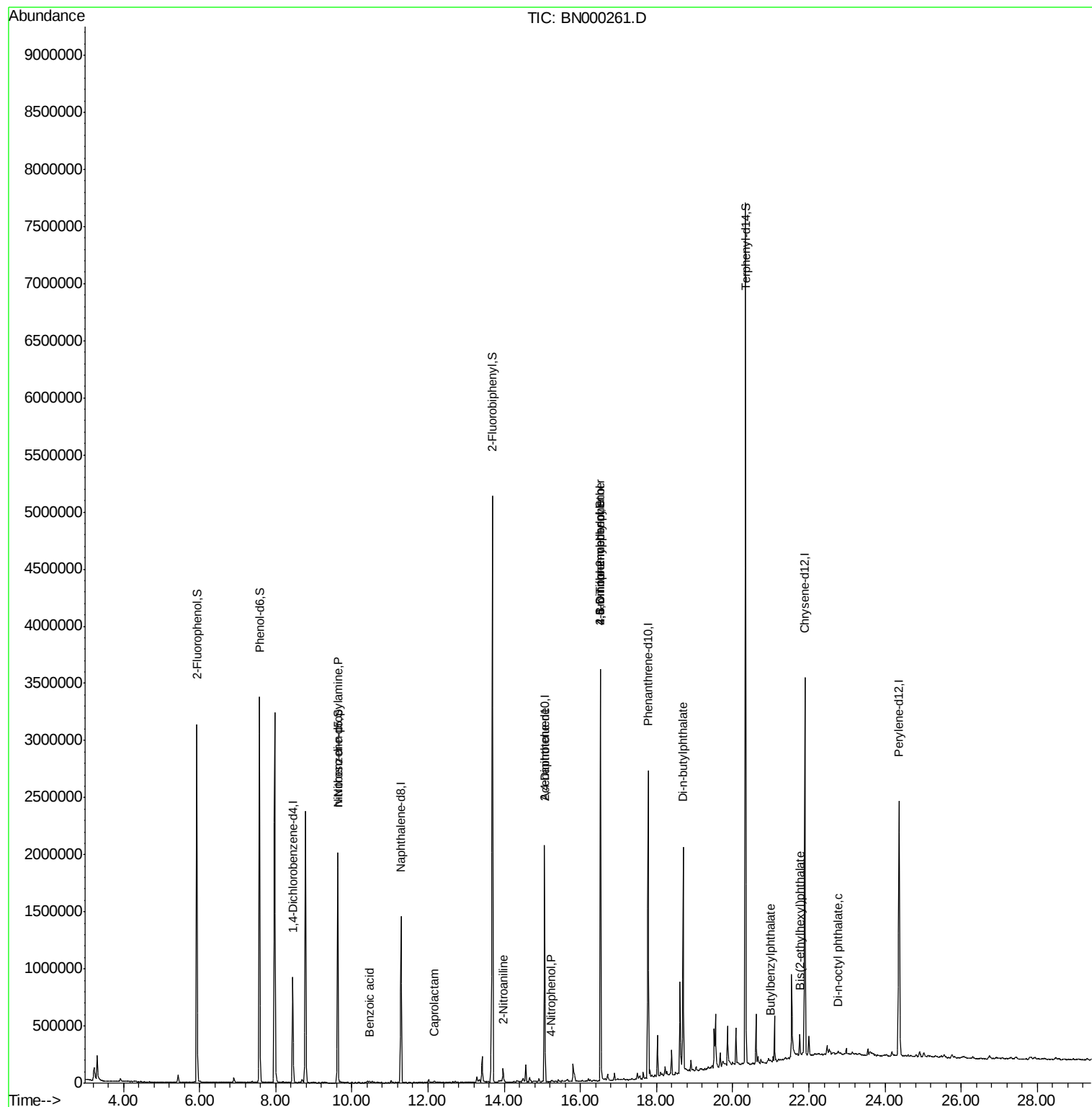
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.63	70	157376	10.222	ng	# 69
32) Benzoic acid	10.46	122	4914	10.833	ng	# 90
35) Caprolactam	12.16	113	2638	4.354	ng	# 86
47) 2-Nitroaniline	13.97	65	4597	5.196	ng	# 20
55) 4-Nitrophenol	15.23	139	537	5.020	ng	# 42
56) 2,4-Dinitrotoluene	15.06	165	85501	8.899	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.53	198	1797	8.926	ng	# 1
66) 4-Bromophenyl-phenylether	16.53	248	38510	2.849	ng	# 1
73) Di-n-butylphthalate	18.70	149	1306385	14.446	ng	# 98
79) Butylbenzylphthalate	21.00	149	1553	5.408	ng	# 64
83) Bis(2-ethylhexyl)phthalate	21.76	149	57467	3.748	ng	# 98
84) Di-n-octyl phthalate	22.76	149	2930	6.751	ng	# 1

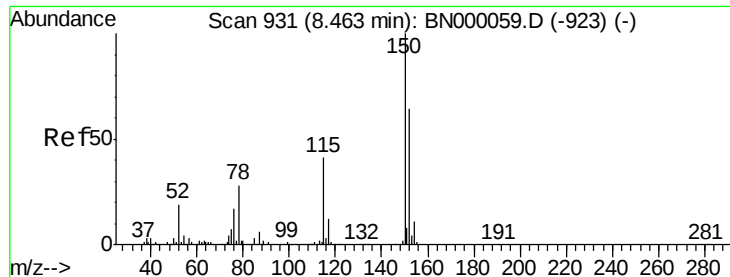
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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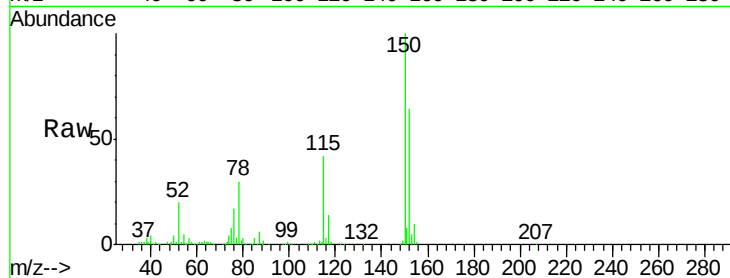


#1

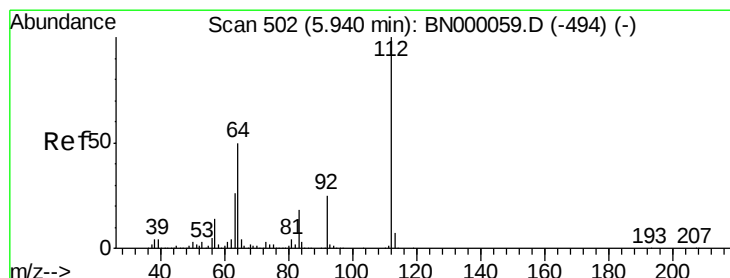
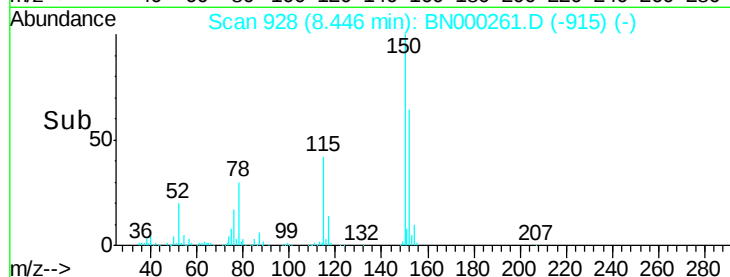
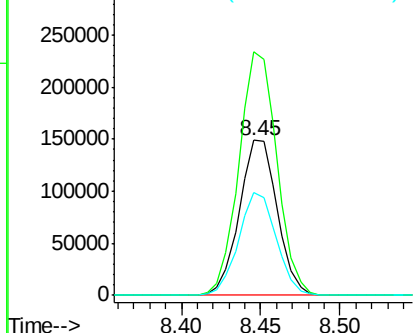
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.02 min
Lab File: BN000261.D
Acq: 06 Mar 2018 13:40

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.6	189.8
115	66.2	53.0	79.4



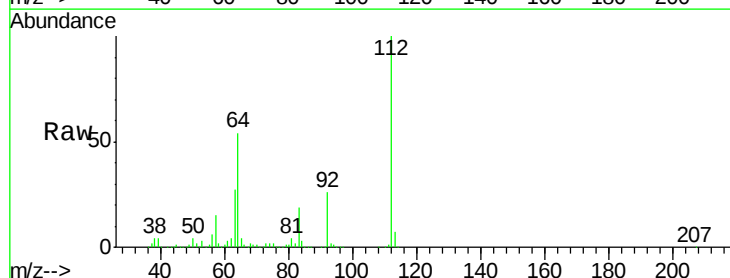
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



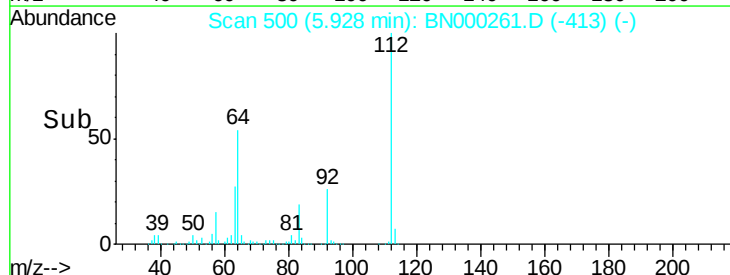
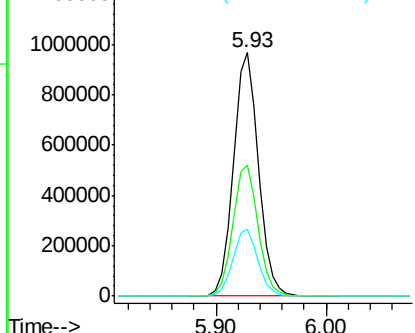
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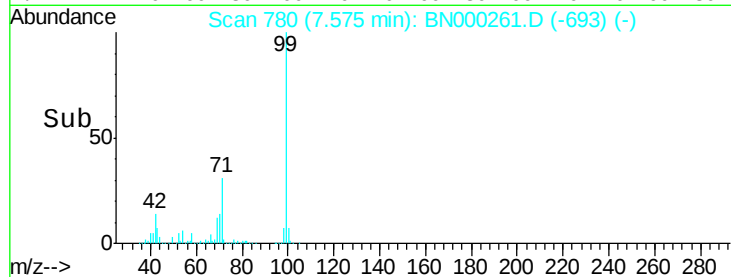
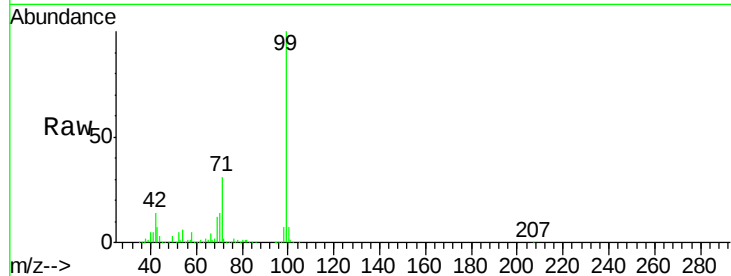
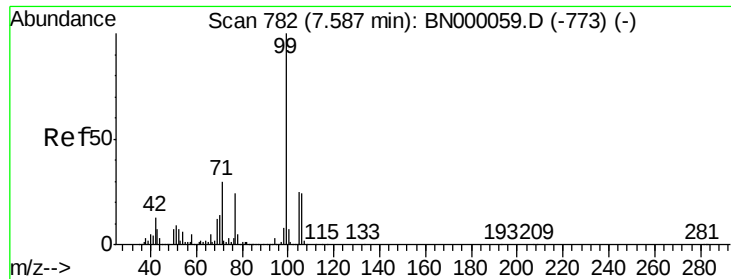
2-Fluorophenol
Concen: 101.374 ng
RT: 5.93 min Scan# 500
Delta R.T. -0.02 min
Lab File: BN000261.D
Acq: 06 Mar 2018 13:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	56.3	84.5#
63	27.3	30.1	45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#7

Phenol-d6

Concen: 93.058 ng

RT: 7.58 min Scan# 780

Delta R.T. -0.02 min

Lab File: BN000261.D

Acq: 06 Mar 2018 13:40

Instrument :

BNA_N

ClientSampleId :

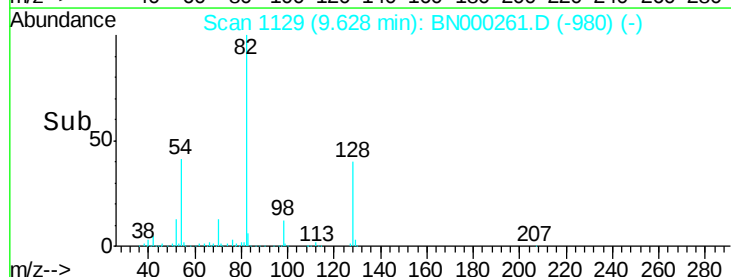
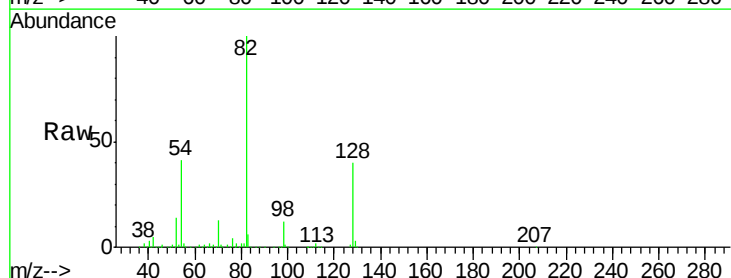
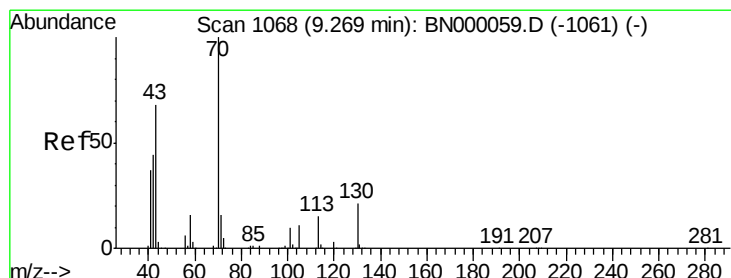
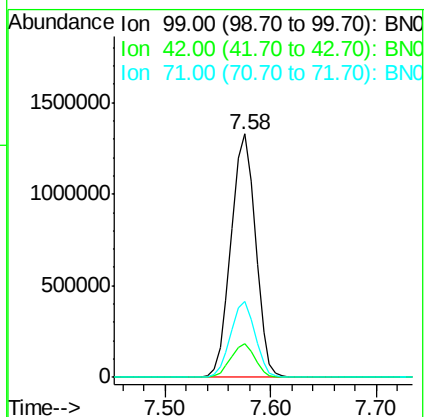
Tot Ion: 99 Resp: 2138004

Ion Ratio Lower Upper

99 100

42 13.6 14.1 21.1#

71 31.3 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 10.222 ng

RT: 9.63 min Scan# 1129

Delta R.T. 0.35 min

Lab File: BN000261.D

Acq: 06 Mar 2018 13:40

Tgt Ion: 70 Resp: 157376

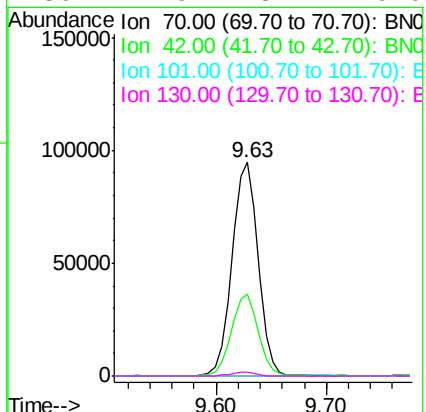
Ion Ratio Lower Upper

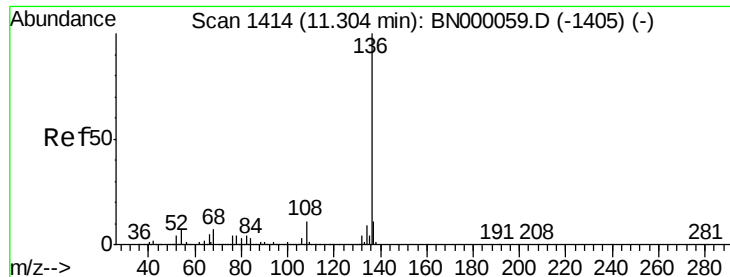
70 100

42 38.2 49.1 73.7#

101 0.0 8.5 12.7#

130 1.9 13.4 20.0#

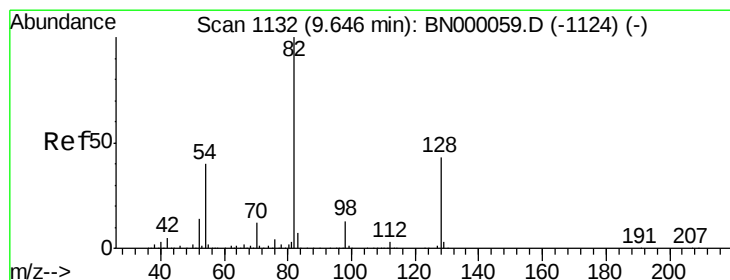
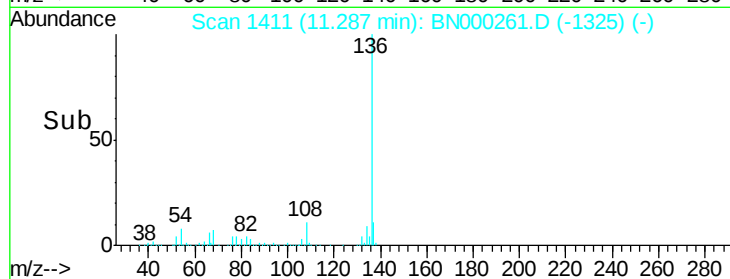
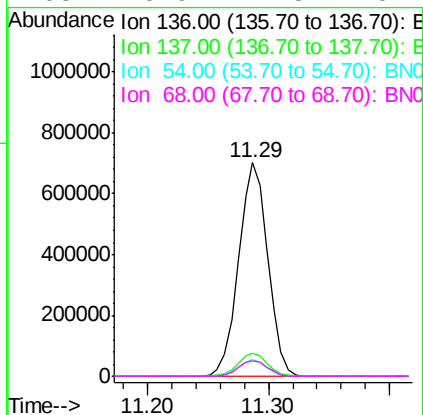
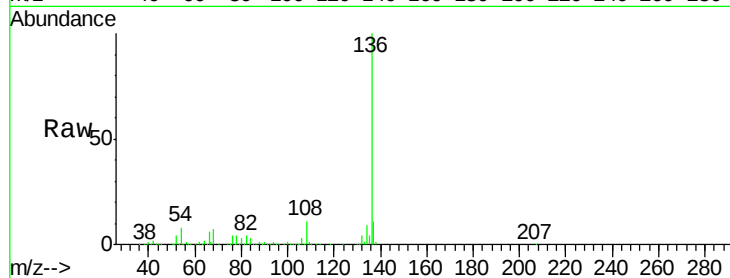




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.29 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BN000261.D
Acq: 06 Mar 2018 13:40

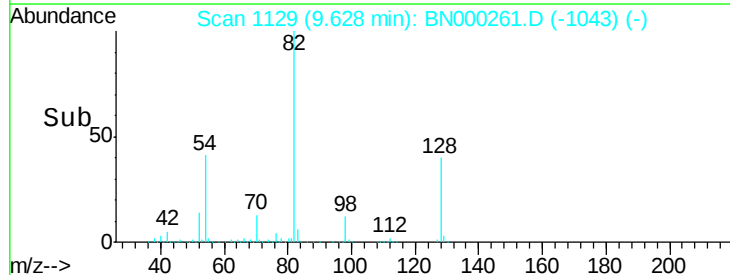
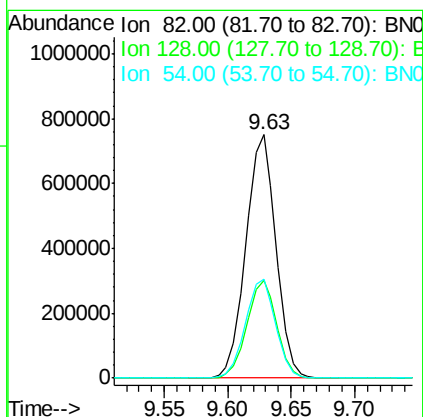
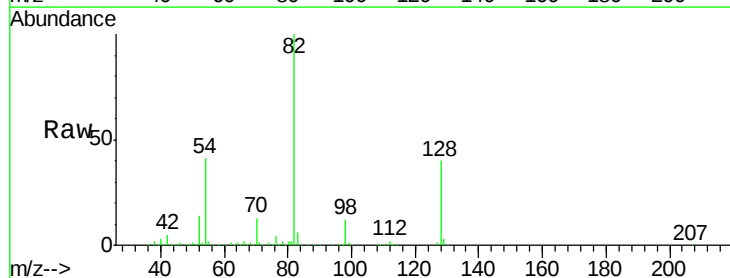
Instrument :
BNA_N
ClientSampleId :

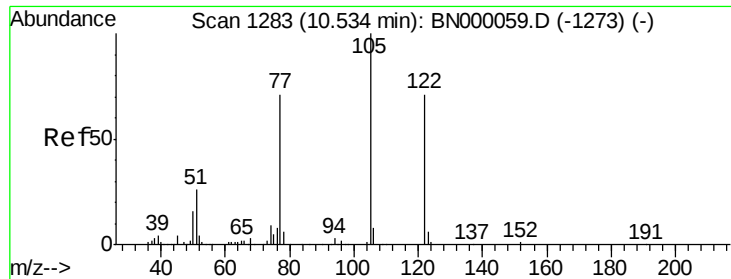
Tot Ion:136	Resp: 1180286
Ion Ratio	Lower Upper
136 100	
137 11.1	9.2 13.8
54 7.6	10.3 15.5#
68 6.9	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 62.285 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BN000261.D
Acq: 06 Mar 2018 13:40

Tgt	Ion: 82	Resp: 1236455	
Ion	Ratio	Lower	Upper
82	100		
128	40.2	29.7	44.5
54	40.8	43.1	64.7#

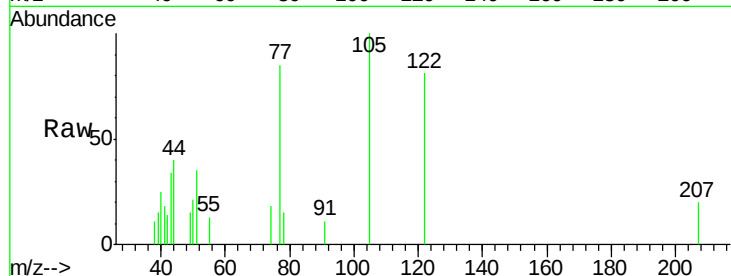




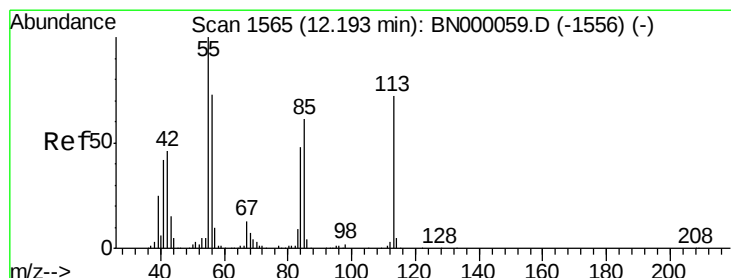
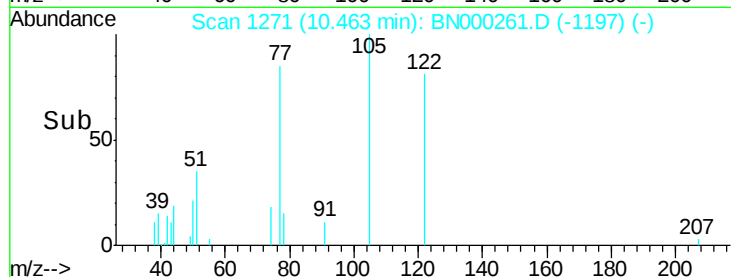
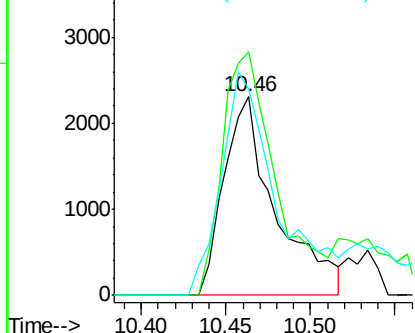
#32
Benzoic acid
Concen: 10.833 ng
RT: 10.46 min Scan# 1271
Delta R.T. -0.09 min
Lab File: BN000261.D
Acq: 06 Mar 2018 13:40

Instrument :
BNA_N
ClientSampleId :

Tot Ion:122 Resp: 4914
Ion Ratio Lower Upper
122 100
105 122.7 123.5 163.5#
77 103.8 85.7 125.7

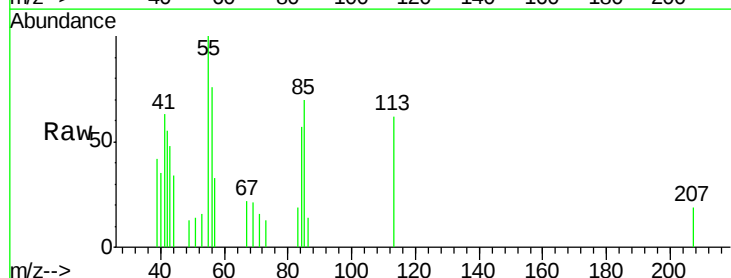


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BNC

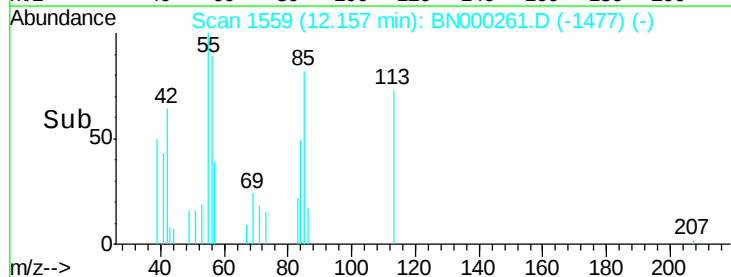
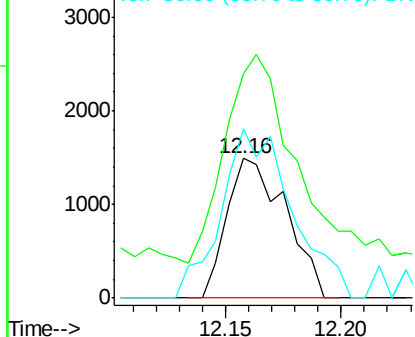


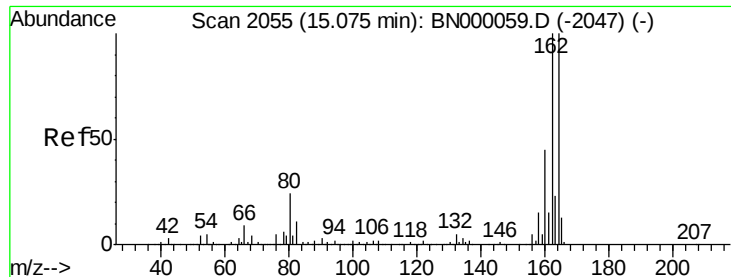
#35
Caprolactam
Concen: 4.354 ng
RT: 12.16 min Scan# 1559
Delta R.T. -0.05 min
Lab File: BN000261.D
Acq: 06 Mar 2018 13:40

Tgt Ion:113 Resp: 2638
Ion Ratio Lower Upper
113 100
55 160.8 120.0 160.0#
56 121.6 90.0 130.0



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BNC
Ion 56.00 (55.70 to 56.70): BNC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.06 min Scan# 2052

Delta R.T. -0.02 min

Lab File: BN000261.D

Acq: 06 Mar 2018 13:40

Instrument :

BNA_N

ClientSampleId :

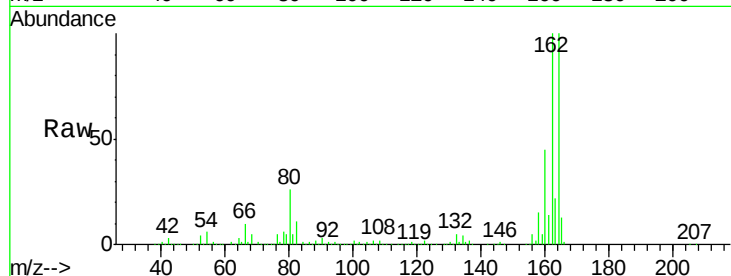
Tot Ion:164 Resp: 669949

Ion Ratio Lower Upper

164 100

162 100.2 78.8 118.2

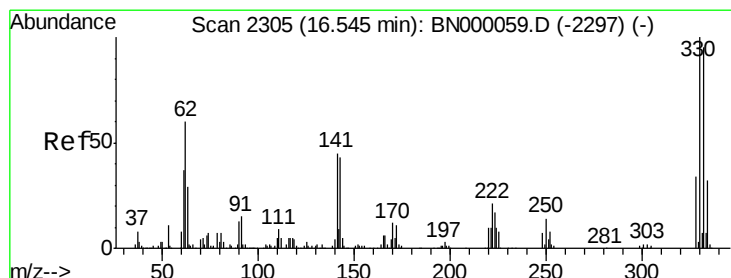
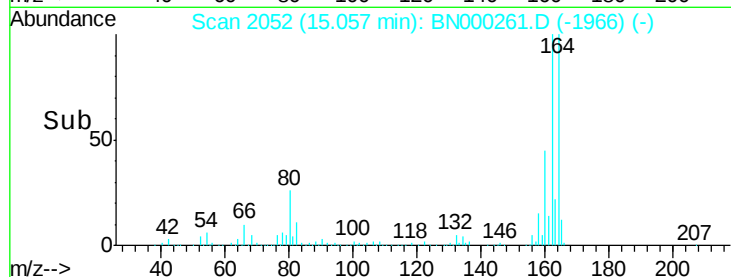
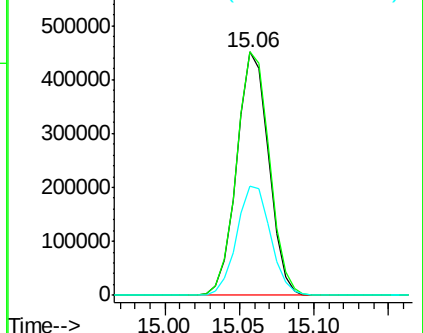
160 45.2 35.4 53.0



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: 80.153 ng

RT: 16.53 min Scan# 2302

Delta R.T. -0.02 min

Lab File: BN000261.D

Acq: 06 Mar 2018 13:40

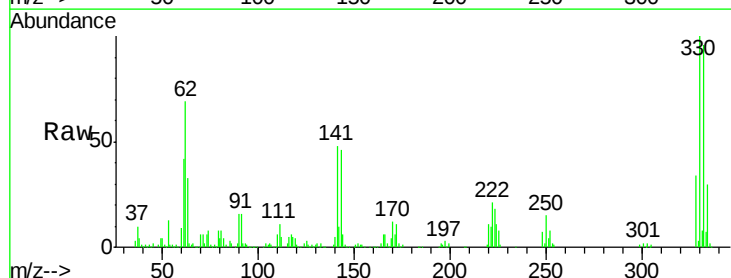
Tgt Ion:330 Resp: 531534

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

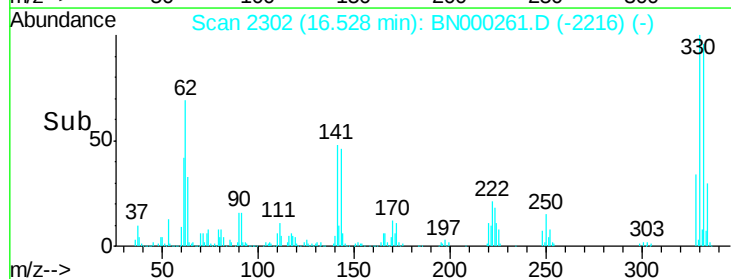
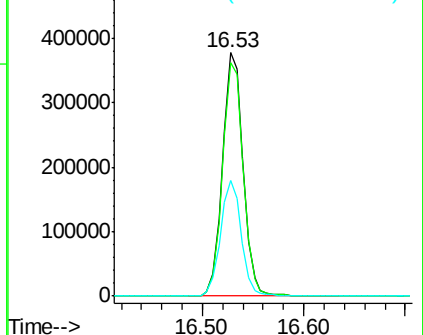
141 48.3 25.2 37.8#

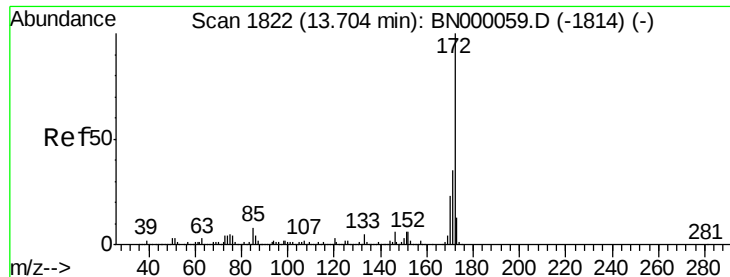


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

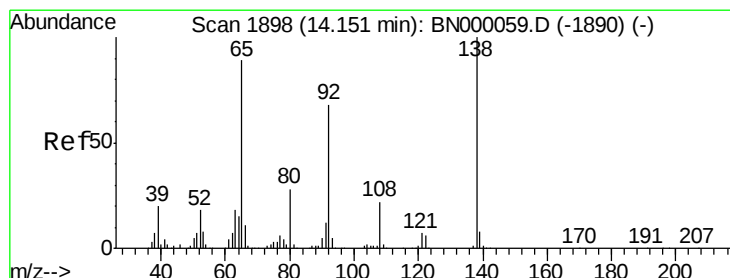
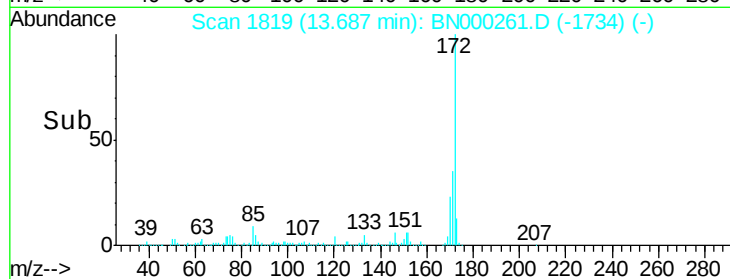
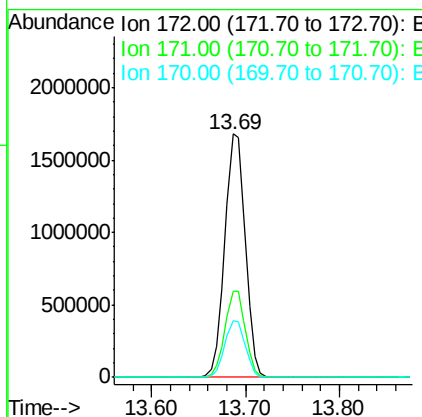
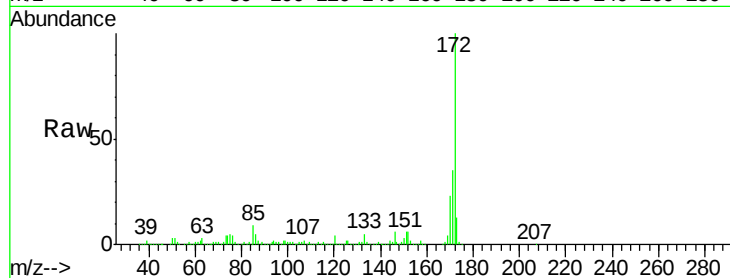




#44
2-Fluorobiphenyl
Concen: 53.615 ng
RT: 13.69 min Scan# 1819
Delta R.T. -0.03 min
Lab File: BN000261.D
Acq: 06 Mar 2018 13:40

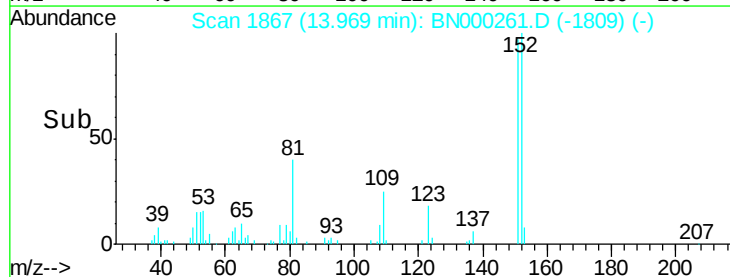
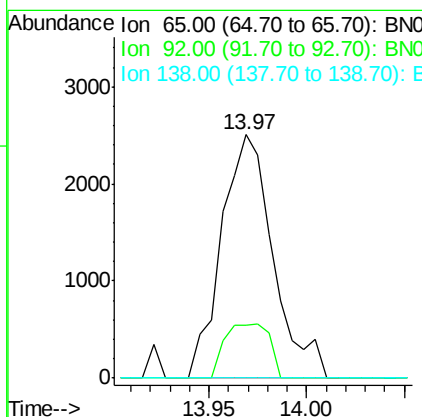
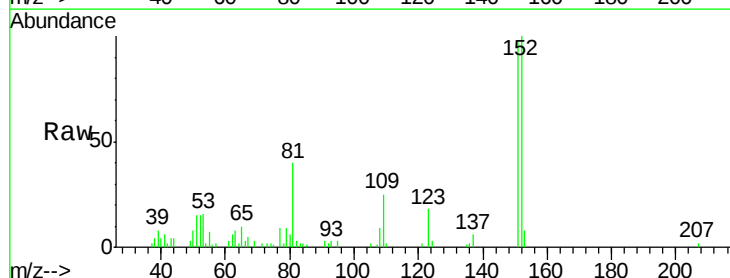
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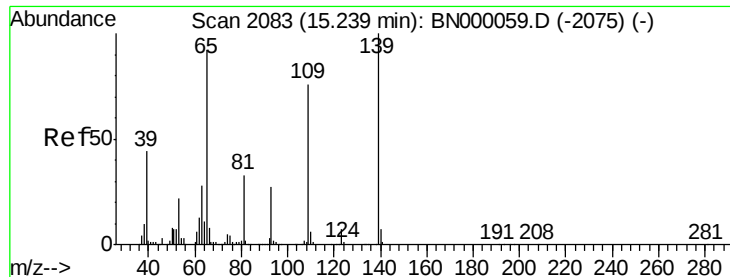
Tot Ion:172 Resp: 2548508
Ion Ratio Lower Upper
172 100
171 35.2 30.0 45.0
170 23.4 19.5 29.3



#47
2-Nitroaniline
Concen: 5.196 ng
RT: 13.97 min Scan# 1867
Delta R.T. -0.19 min
Lab File: BN000261.D
Acq: 06 Mar 2018 13:40

Tgt Ion: 65 Resp: 4597
Ion Ratio Lower Upper
65 100
92 21.6 54.6 82.0#
138 0.0 72.9 109.3#

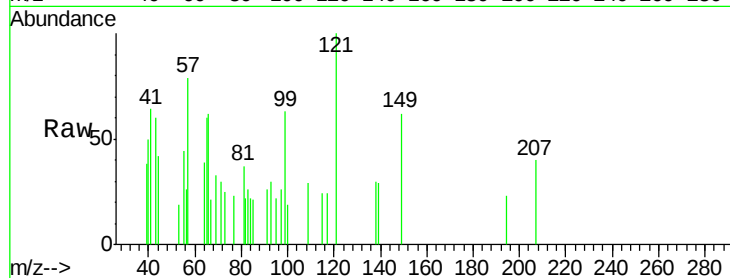




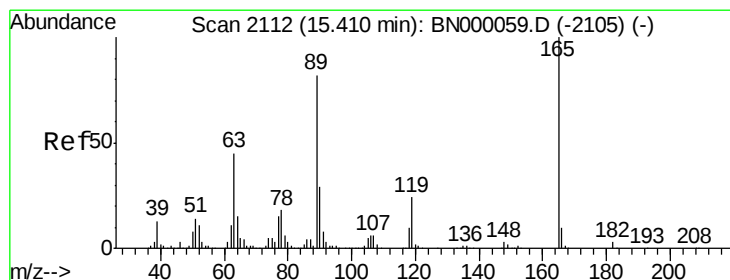
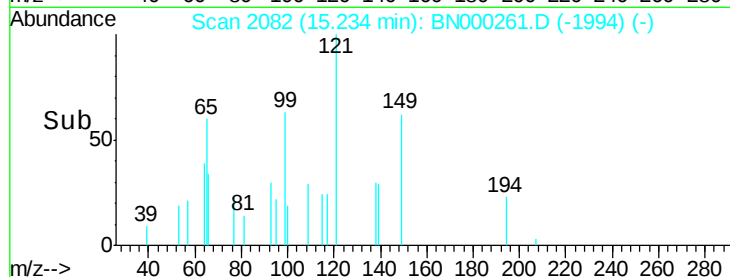
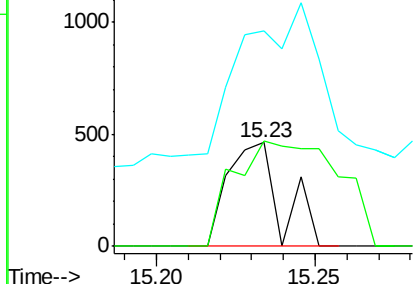
#55
4-Nitrophenol
Concen: 5.020 ng
RT: 15.23 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BN000261.D
Acq: 06 Mar 2018 13:40

Instrument :
BNA_N
ClientSampleId :

Tot Ion:139 Resp: 537
Ion Ratio Lower Upper
139 100
109 102.2 62.2 102.2
65 207.4 97.2 137.2#

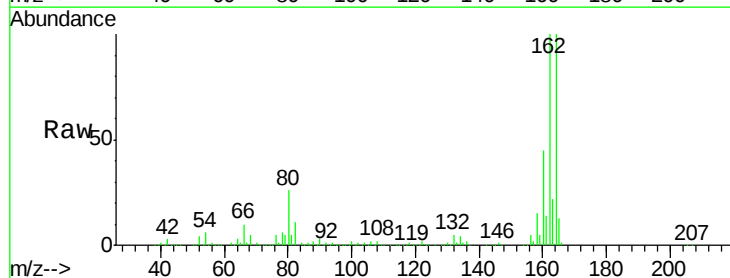


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BNC

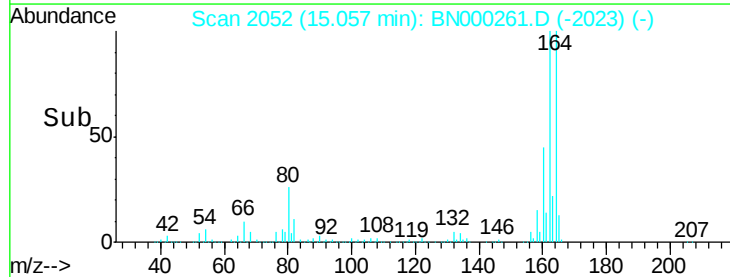
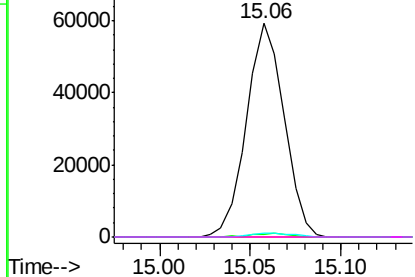


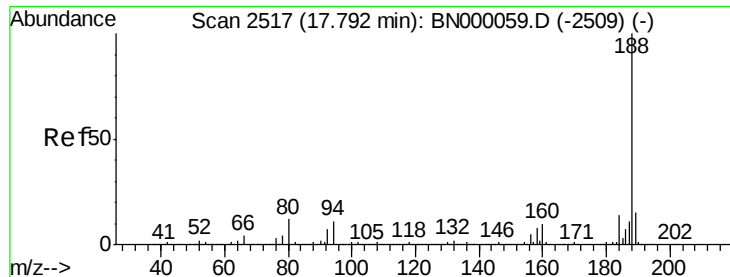
#56
2,4-Dinitrotoluene
Concen: 8.899 ng
RT: 15.06 min Scan# 2052
Delta R.T. -0.36 min
Lab File: BN000261.D
Acq: 06 Mar 2018 13:40

Tgt Ion:165 Resp: 85501
Ion Ratio Lower Upper
165 100
63 1.5 42.0 63.0#
89 1.8 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

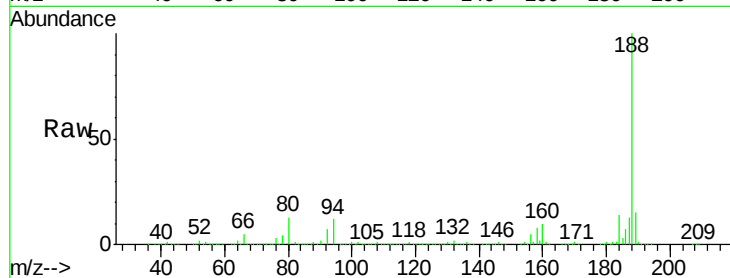




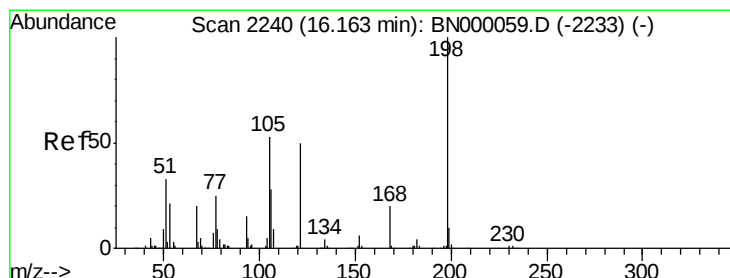
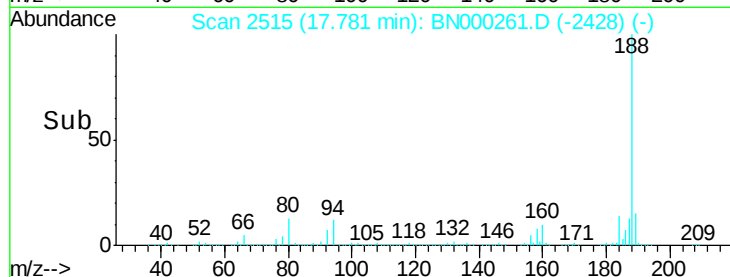
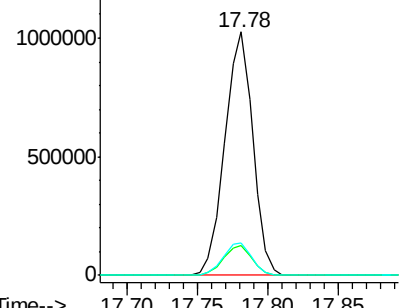
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.78 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BN000261.D
Acq: 06 Mar 2018 13:40

Instrument :
BNA_N
ClientSampleId :

Tot Ion:188 Resp: 1421665
Ion Ratio Lower Upper
188 100
94 12.2 6.9 10.3#
80 13.2 7.7 11.5#

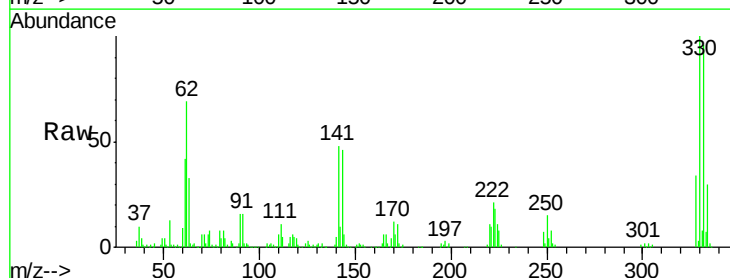


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

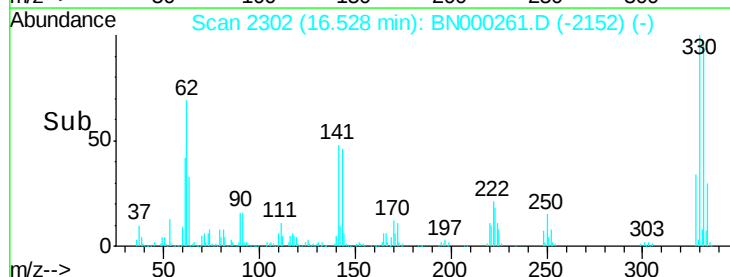
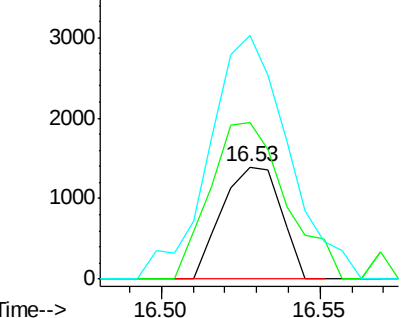


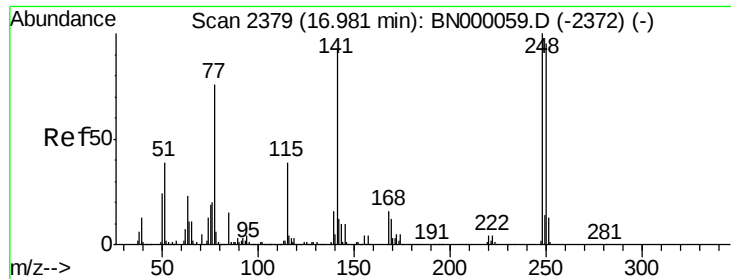
#64
4,6-Dinitro-2-methylphenol
Concen: 8.926 ng
RT: 16.53 min Scan# 2302
Delta R.T. 0.35 min
Lab File: BN000261.D
Acq: 06 Mar 2018 13:40

Tgt Ion:198 Resp: 1797
Ion Ratio Lower Upper
198 100
51 139.5 30.6 70.6#
105 217.2 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

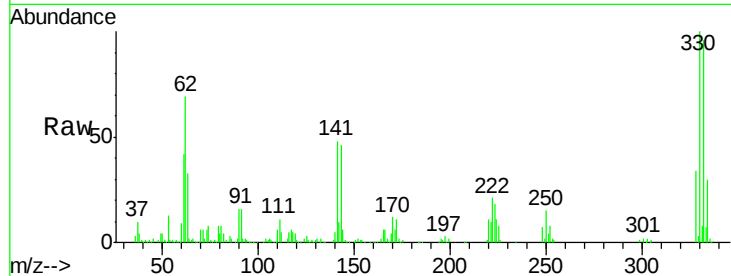




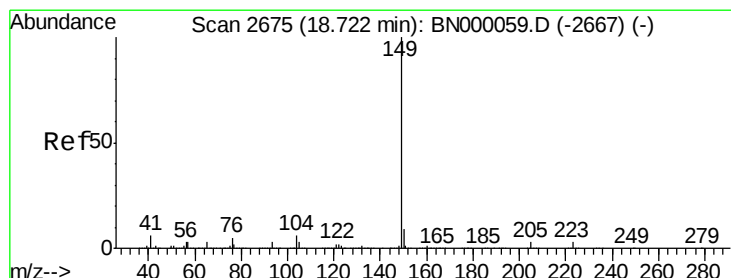
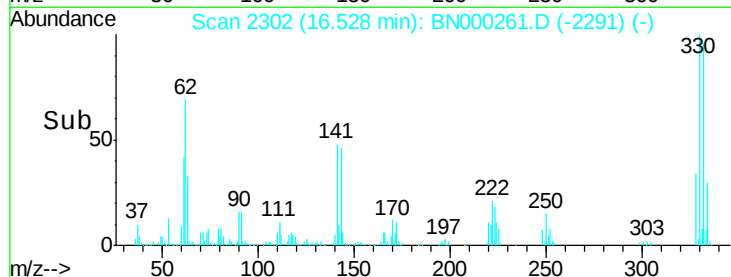
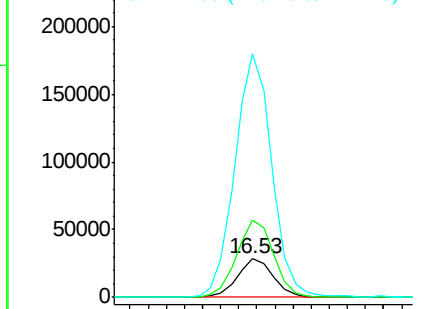
#66
4-Bromophenyl-phenylether
Concen: 2.849 ng
RT: 16.53 min Scan# 2302
Delta R.T. -0.46 min
Lab File: BN000261.D
Acq: 06 Mar 2018 13:40

Instrument :
BNA_N
ClientSampled :

Tot Ion:248 Resp: 38510
Ion Ratio Lower Upper
248 100
250 200.0 77.1 115.7#
141 635.5 50.8 76.2#

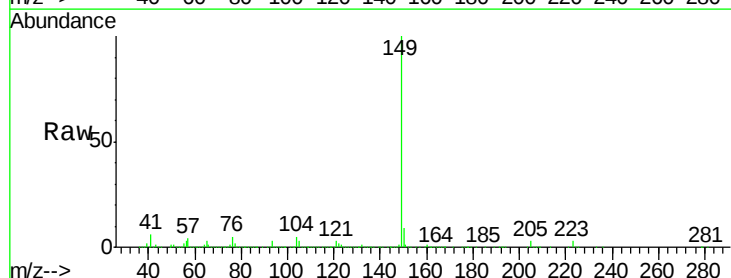


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

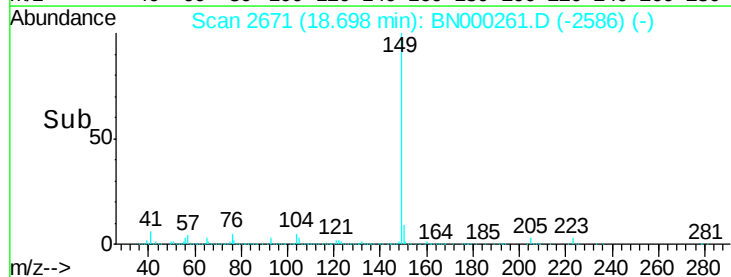
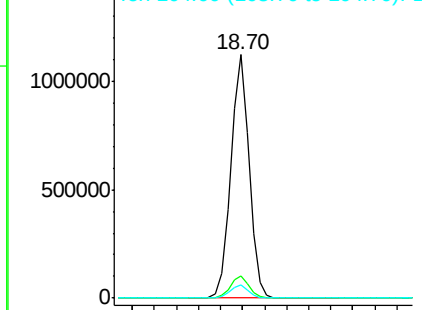


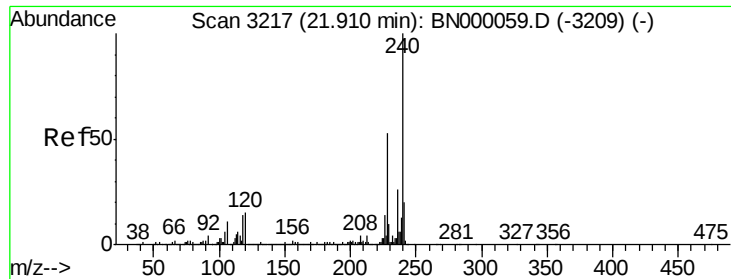
#73
Di-n-butylphthalate
Concen: 14.446 ng
RT: 18.70 min Scan# 2671
Delta R.T. -0.03 min
Lab File: BN000261.D
Acq: 06 Mar 2018 13:40

Tgt Ion:149 Resp: 1306385
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 5.5 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: 21.89 min Scan# 3214

Delta R.T. -0.03 min

Lab File: BN000261.D

Acq: 06 Mar 2018 13:40

Instrument :

BNA_N

ClientSampleId :

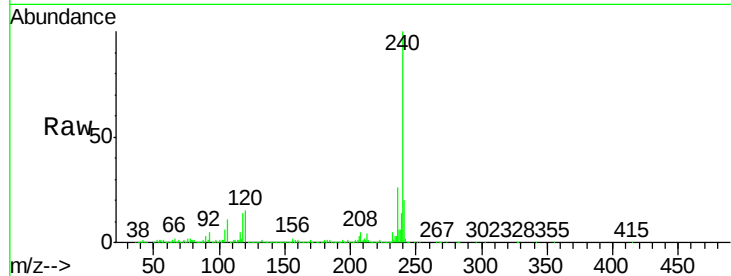
Tot Ion:240 Resp: 1428034

Ion Ratio Lower Upper

240 100

120 15.4 6.8 10.2#

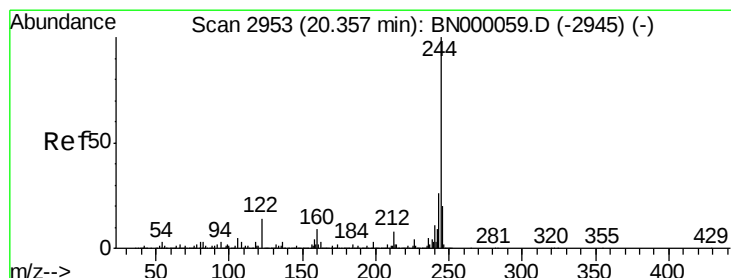
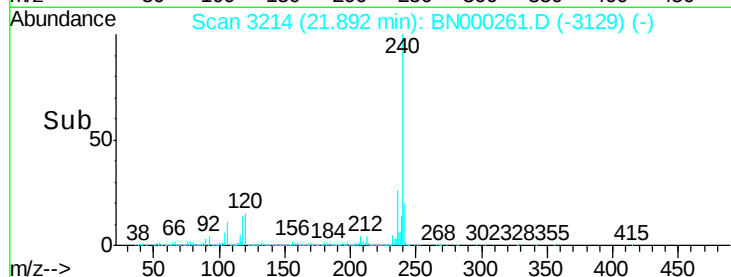
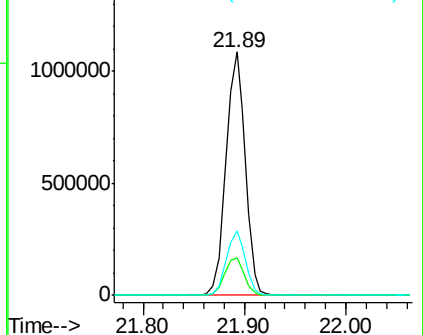
236 26.2 20.9 31.3



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: 61.227 ng

RT: 20.34 min Scan# 2950

Delta R.T. -0.02 min

Lab File: BN000261.D

Acq: 06 Mar 2018 13:40

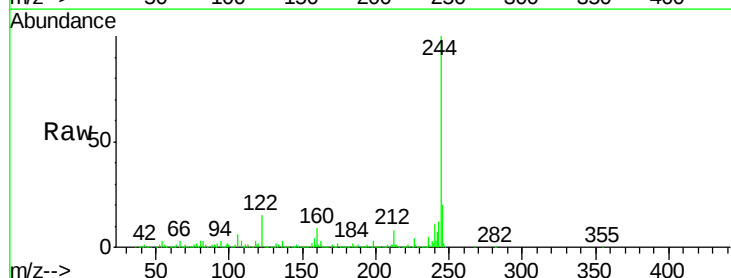
Tgt Ion:244 Resp: 3238137

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

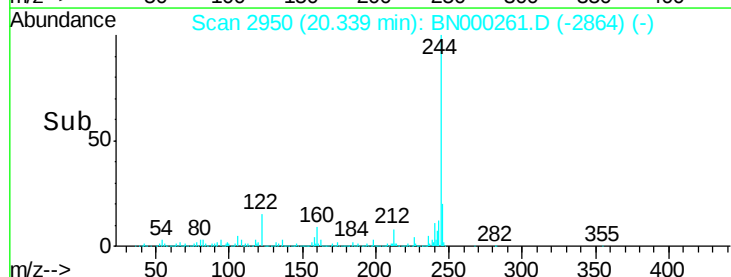
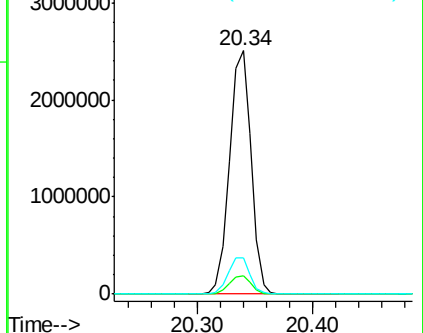
122 15.1 7.0 10.4#

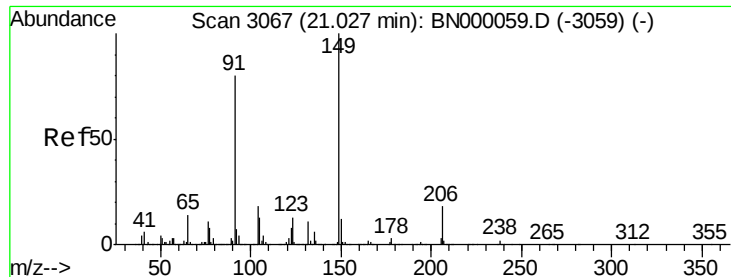


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

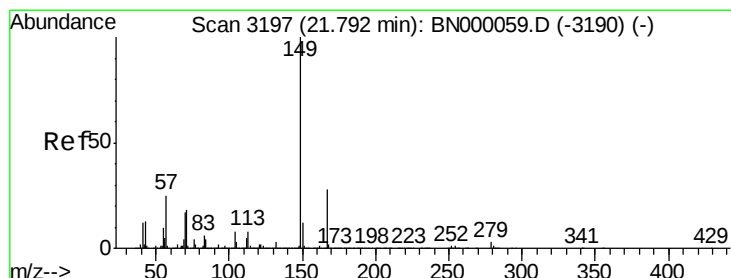
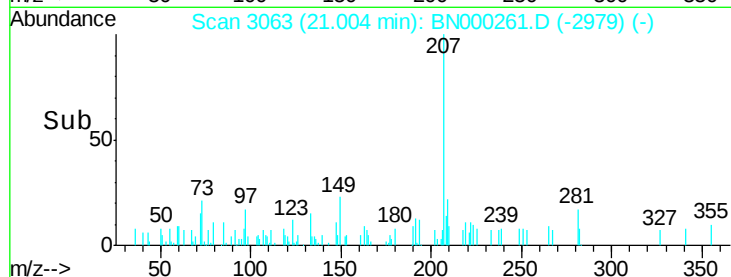
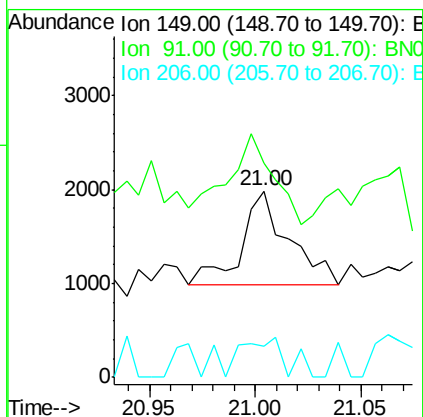
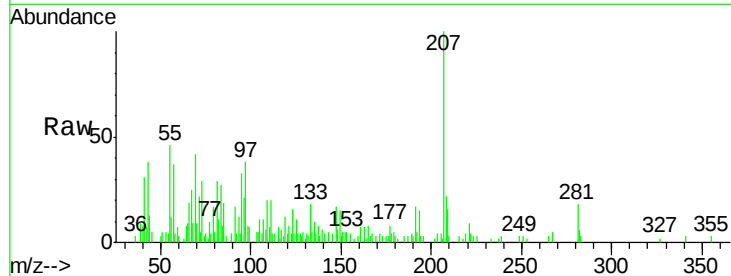




#79
 Butylbenzylphthalate
 Concen: 5.408 ng
 RT: 21.00 min Scan# 3063
 Delta R.T. -0.04 min
 Lab File: BN000261.D
 Acq: 06 Mar 2018 13:40

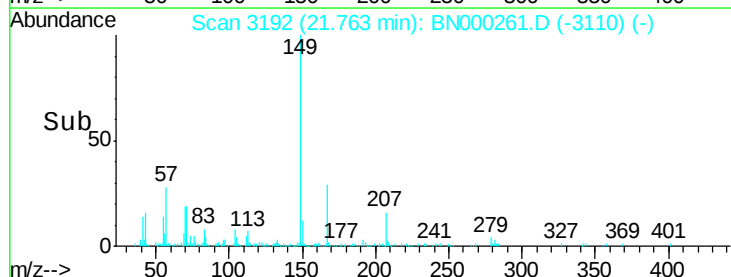
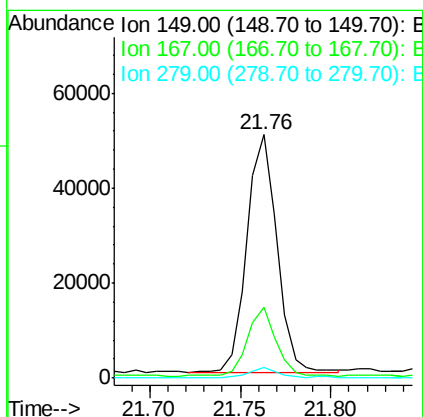
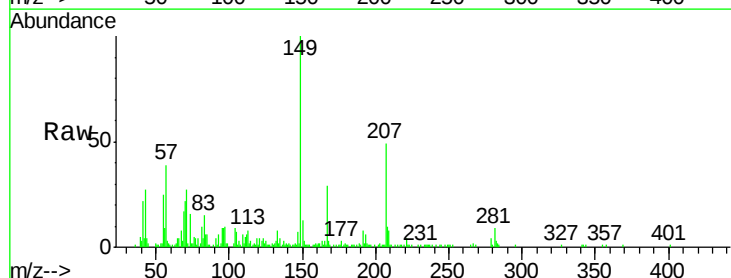
Instrument :
 BNA_N
 ClientSampleId :

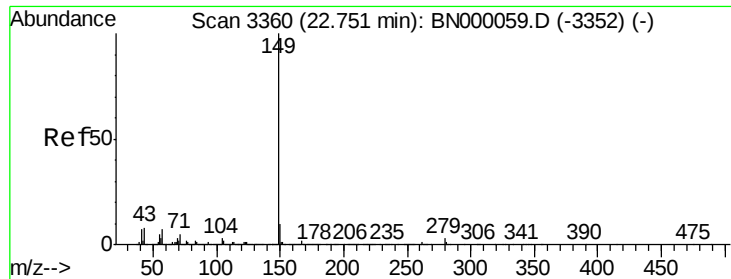
Tot Ion:149 Resp: 1553
 Ion Ratio Lower Upper
 149 100
 91 115.3 62.2 93.2#
 206 16.5 18.6 27.8#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.748 ng
 RT: 21.76 min Scan# 3192
 Delta R.T. -0.05 min
 Lab File: BN000261.D
 Acq: 06 Mar 2018 13:40

Tgt Ion:149 Resp: 57467
 Ion Ratio Lower Upper
 149 100
 167 29.2 24.3 36.5
 279 4.2 4.0 6.0





#84

Di-n-octyl phthalate

Concen: 6.751 ng

RT: 22.76 min Scan# 3362

Delta R.T. -0.01 min

Lab File: BN000261.D

Acq: 06 Mar 2018 13:40

Instrument :

BNA_N

ClientSampled :

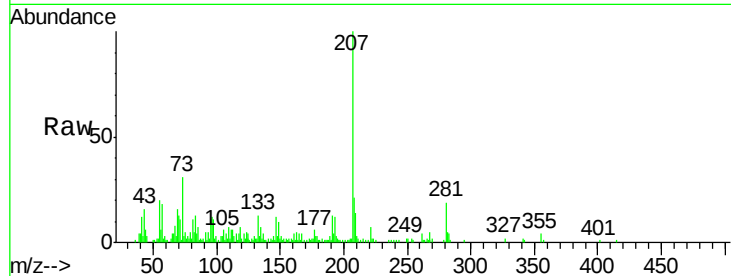
Tot Ion:149 Resp: 2930

Ion Ratio Lower Upper

149 100

167 82.1 1.4 2.0#

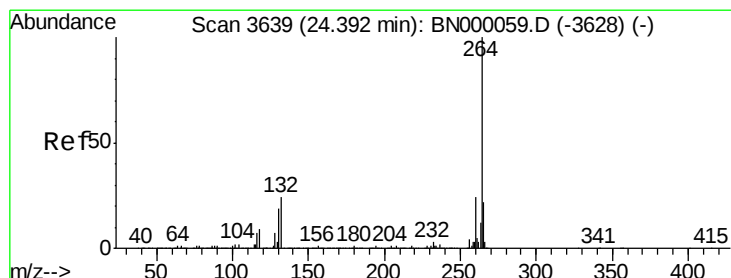
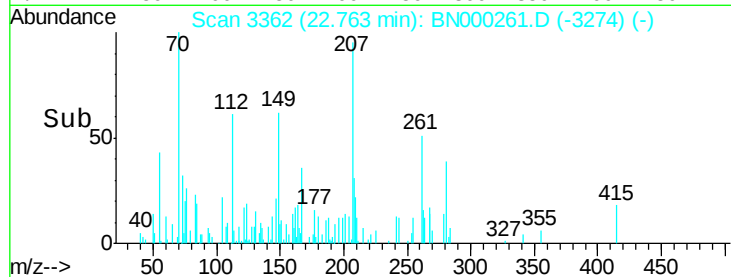
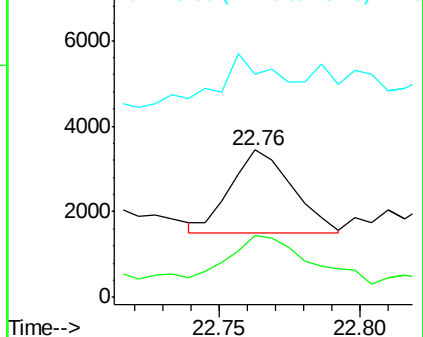
43 58.4 8.9 13.3#



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: BN000261.D

Acq: 06 Mar 2018 13:40

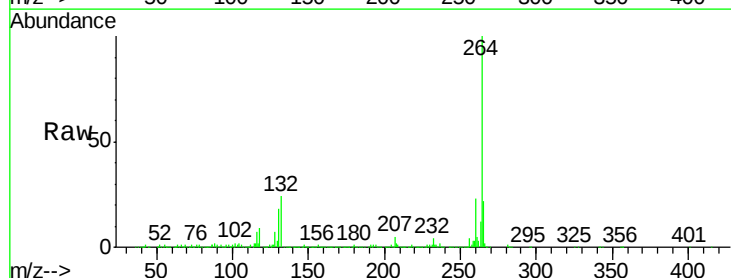
Tgt Ion:264 Resp: 1509016

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 22.1 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

