

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
 Data File : BN000088.D
 Acq On : 15 Feb 2018 10:06
 Operator : JU/SJ
 Sample : PB106006BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 16 03:47:30 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	511242	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	2401482	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	1450316	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	3423242	20.00	ng	0.00
75) Chrysene-d12	21.90	240	3568469	20.00	ng	-0.02
86) Perylene-d12	24.39	264	3807606	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.94	112	4775670	152.24	ng	0.00
7) Phenol-d6	7.59	99	6511143	137.03	ng	0.00
23) Nitrobenzene-d5	9.64	82	3388917	83.90	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	1799658	125.36	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	8415476	81.78	ng	-0.01
78) Terphenyl-d14	20.35	244	11741058	88.84	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.66	88	206	0.02	ng	# 1
3) Pyridine	4.08	79	114	0.00	ng	# 1
4) n-Nitrosodimethylamine	4.00	42	394	0.04	ng	# 1
6) Aniline	7.59	93	256	0.00	ng	# 1
8) 2-Chlorophenol	8.01	128	1334	0.04	ng	# 1
9) Benzaldehyde	7.59	77	9865	0.33	ng	# 5
10) Phenol	7.59	94	1364	0.03	ng	# 1
11) bis(2-Chloroethyl)ether	7.98	93	7829	0.19	ng	# 1
15) Benzyl Alcohol	8.79	79	57182	1.67	ng	# 35
17) 2-Methylphenol	8.79	107	182	0.01	ng	# 1
19) n-Nitroso-di-n-propylamine	9.64	70	423856	13.31	ng	# 68
20) 3+4-Methylphenols	8.79	107	182	0.00	ng	# 1
22) Acetophenone	9.02	105	122	0.00	ng	# 50
24) Nitrobenzene	9.64	77	11072	0.25	ng	# 34
25) Isophorone	10.14	82	348	0.00	ng	# 69
31) Naphthalene	11.35	128	142	0.00	ng	# 68
45) 1,1'-Biphenyl	13.92	154	19757	0.15	ng	# 97
47) 2-Nitroaniline	13.70	65	14043	5.33	ng	# 1
50) 2,6-Dinitrotoluene	15.07	165	185457	7.41	ng	# 20
51) Acenaphthene	15.07	154	6033	0.06	ng	# 5
56) 2,4-Dinitrotoluene	15.07	165	185457	8.91	ng	# 18
57) Fluorene	16.54	166	107902	0.93	ng	# 92
59) Diethylphthalate	15.85	149	317	0.00	ng	# 58
61) 4-Nitroaniline	16.54	138	112	0.00	ng	# 1
62) Azobenzene	16.54	77	13449	0.11	ng	# 19
64) 4,6-Dinitro-2-methylphenol	16.55	198	5890	9.00	ng	# 1
65) n-Nitrosodiphenylamine	16.54	169	74035	0.66	ng	# 43
66) 4-Bromophenyl-phenylether	16.54	248	127663	3.92	ng	# 1
69) Pentachlorophenol	17.36	266	304	5.84	ng	# 25
70) Phenanthrene	17.79	178	1288	0.01	ng	# 1
71) Anthracene	17.79	178	1288	0.01	ng	# 1
72) Carbazole	17.79	167	513	0.00	ng	# 1
73) Di-n-butylphthalate	18.71	149	1048	0.00	ng	# 78
76) Benzidine	20.35	184	203704	1.79	ng	# 91

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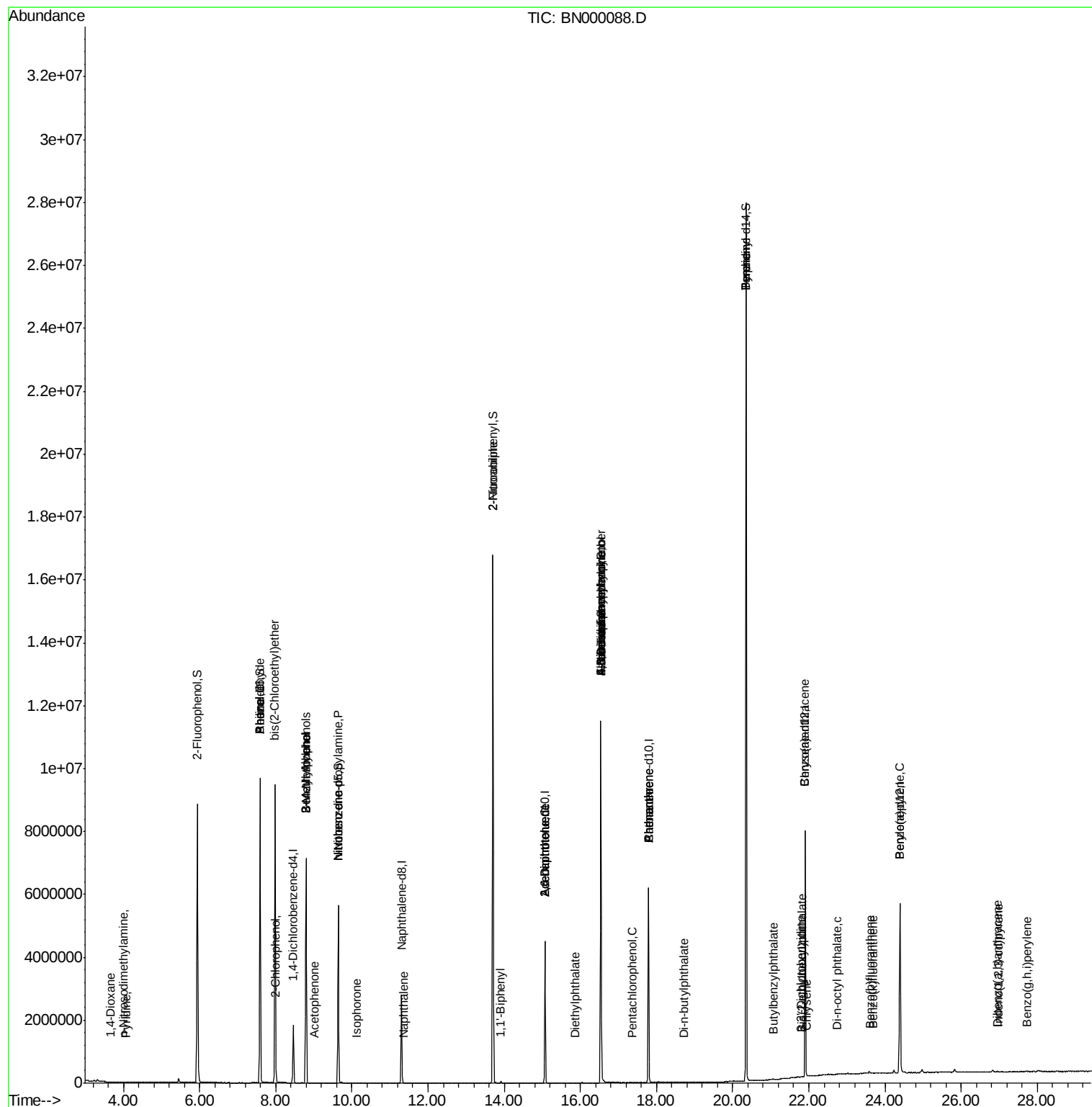
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	20.35	202	47105	0.21	ng	# 71
79) Butylbenzylphthalate	21.05	149	509	5.38	ng	# 20
80) Benzo(a)anthracene	21.90	228	9570	0.04	ng	# 68
81) 3,3'-Dichlorobenzidine	21.79	252	124	0.00	ng	# 26
82) Chrysene	21.95	228	622	0.00	ng	# 50
83) Bis(2-ethylhexyl)phthalate	21.82	149	379	2.91	ng	# 50
84) Di-n-octyl phthalate	22.74	149	299	6.73	ng	# 74
85) Indeno(1,2,3-cd)pyrene	26.96	276	116	0.00	ng	# 53
87) Benzo(b)fluoranthene	23.63	252	1019	0.00	ng	# 1
88) Benzo(k)fluoranthene	23.69	252	795	0.00	ng	# 28
89) Benzo(a)pyrene	24.40	252	14888	0.07	ng	# 79
90) Dibenzo(a,h)anthracene	26.95	278	110	0.00	ng	# 58
91) Benzo(a,h,i)perylene	27.72	276	110	0.00	ng	# 56

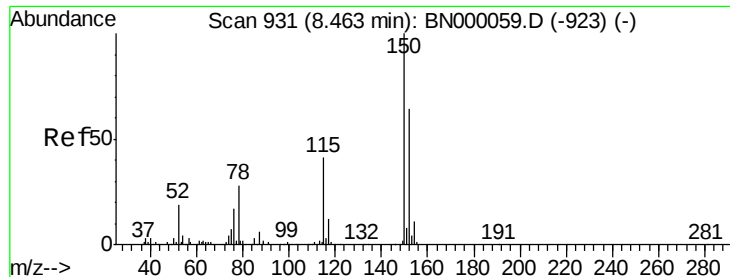
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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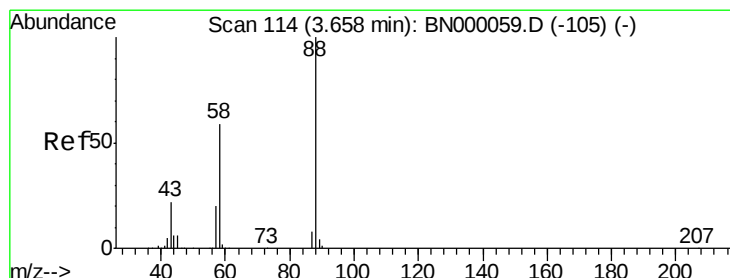
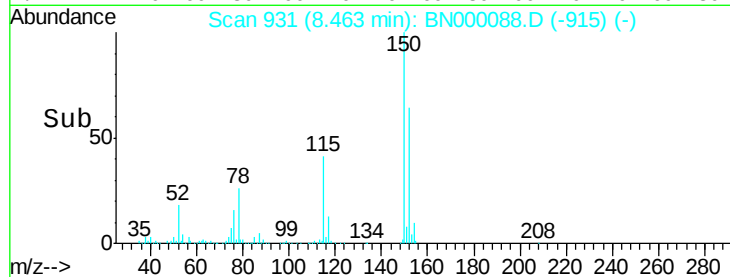
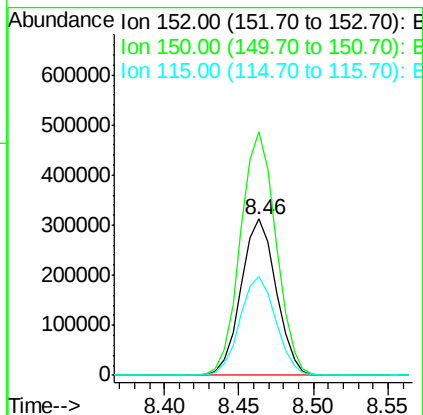
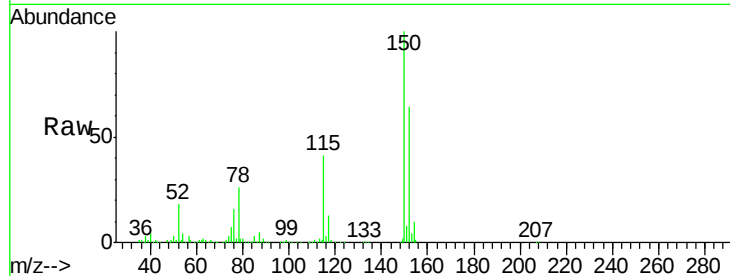


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

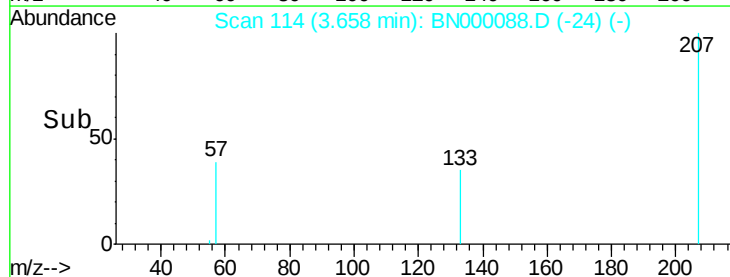
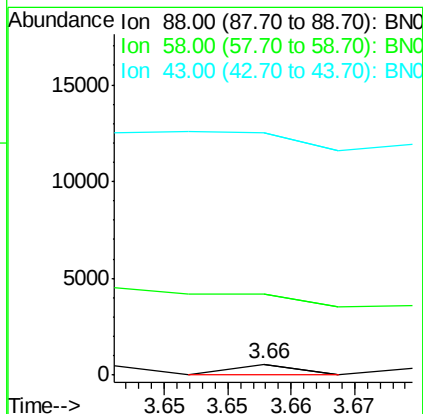
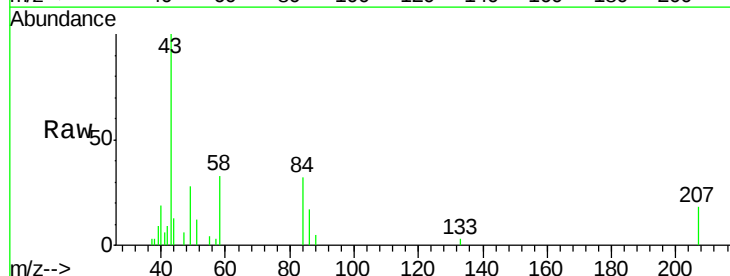
Tot Ion:152 Resp: 511242
Ion Ratio Lower Upper
152 100
150 155.8 126.6 189.8
115 63.4 53.0 79.4

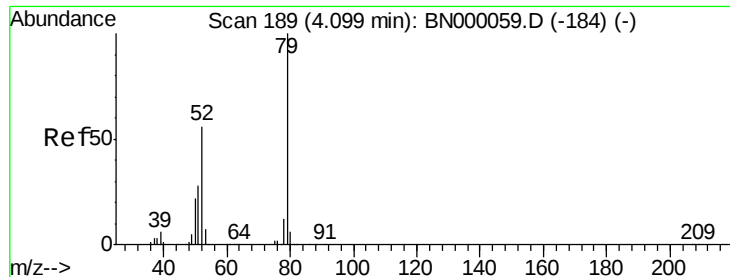


#2

1,4-Dioxane
Concen: 0.02 ng
RT: 3.66 min Scan# 114
Delta R.T. 0.00 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion: 88 Resp: 206
Ion Ratio Lower Upper
88 100
58 393.2 52.0 78.0#
43 2117.0 20.0 30.0#





#3

Pvridine

Concen: 0.00 ng

RT: 4.08 min Scan# 186

Delta R.T. -0.02 min

Lab File: BN000088.D

Acq: 15 Feb 2018 10:06

Instrument :

BNA_N

ClientSampleId :

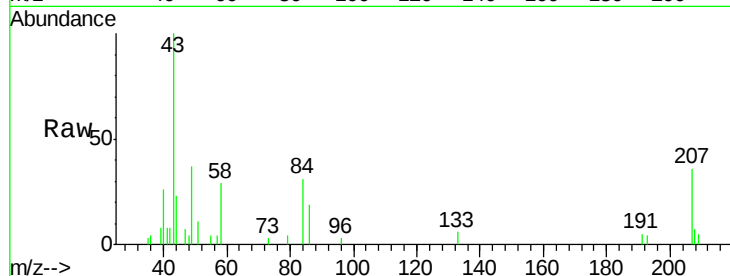
Tot Ion: 79 Resp: 114

Ion Ratio Lower Upper

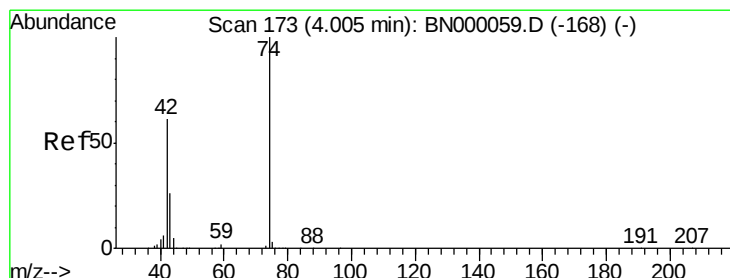
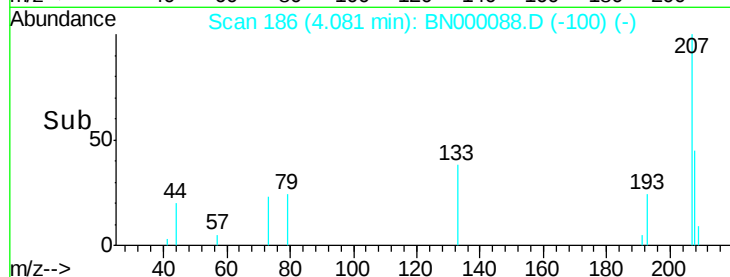
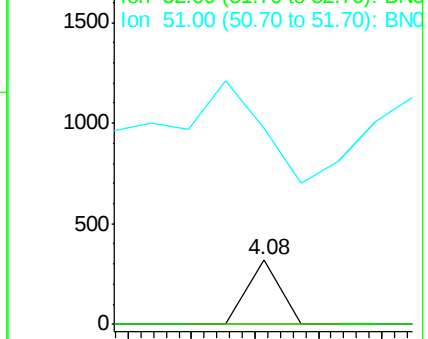
79 100

52 0.0 44.0 66.0#

51 302.8 24.0 36.0#



Abundance Ion 79.00 (78.70 to 79.70): BNC
Ion 52.00 (51.70 to 52.70): BNC
Ion 51.00 (50.70 to 51.70): BNC



#4

n-Nitrosodimethylamine

Concen: 0.04 ng

RT: 4.00 min Scan# 173

Delta R.T. -0.01 min

Lab File: BN000088.D

Acq: 15 Feb 2018 10:06

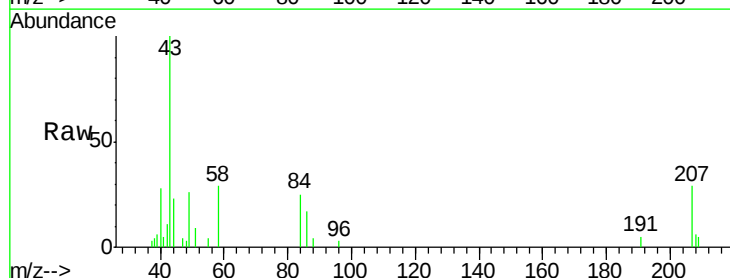
Tgt Ion: 42 Resp: 394

Ion Ratio Lower Upper

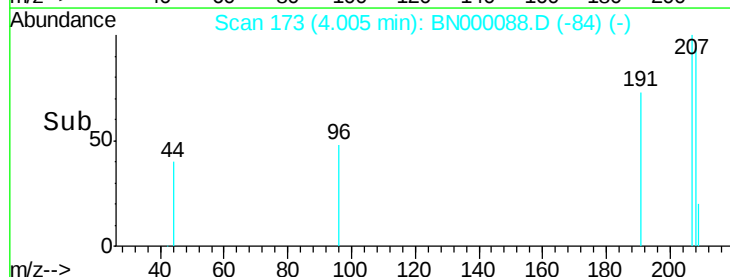
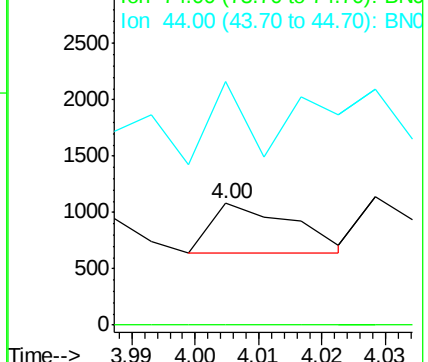
42 100

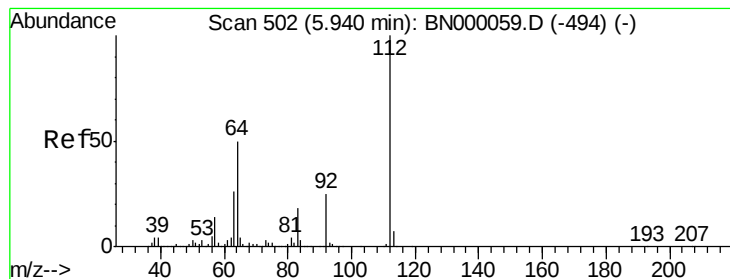
74 0.0 128.0 192.0#

44 199.9 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC

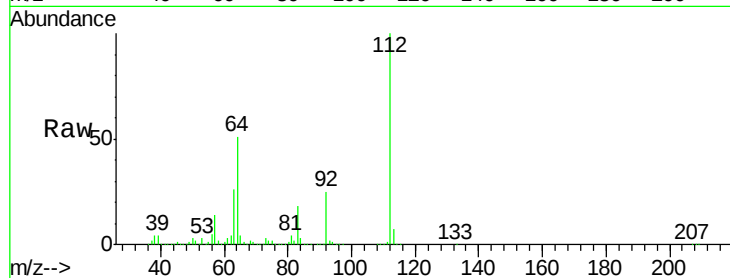




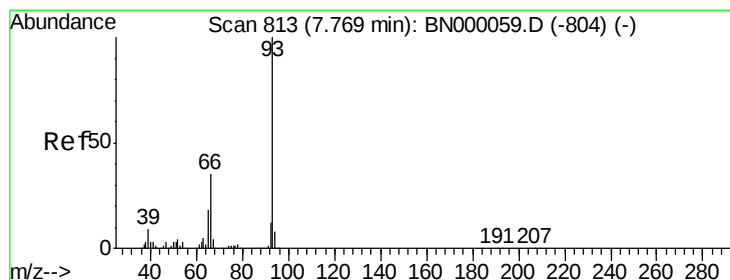
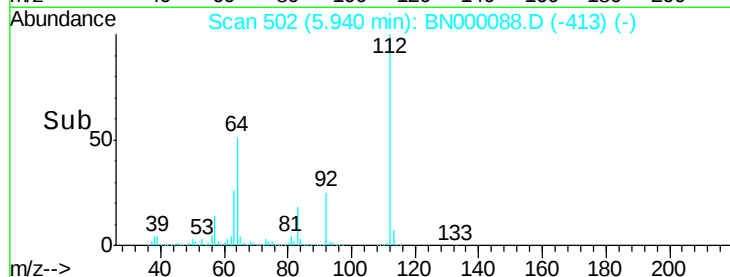
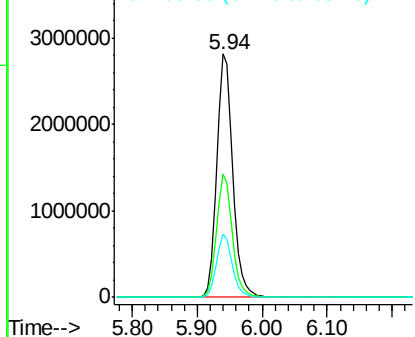
#5
 2-Fluorophenol
 Concen: 152.24 ng
 RT: 5.94 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BN000088.D
 Acq: 15 Feb 2018 10:06

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:112 Resp: 4775670
 Ion Ratio Lower Upper
 112 100
 64 50.6 56.3 84.5#
 63 25.9 30.1 45.1#

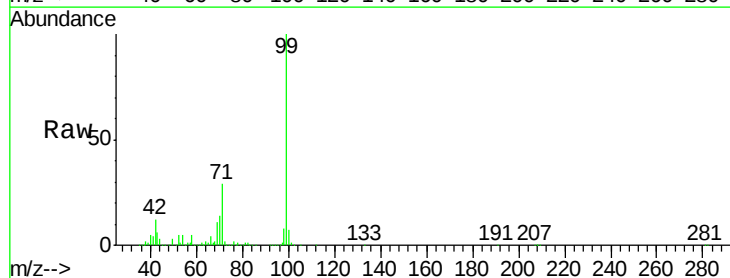


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BNC
 Ion 63.00 (62.70 to 63.70): BNC

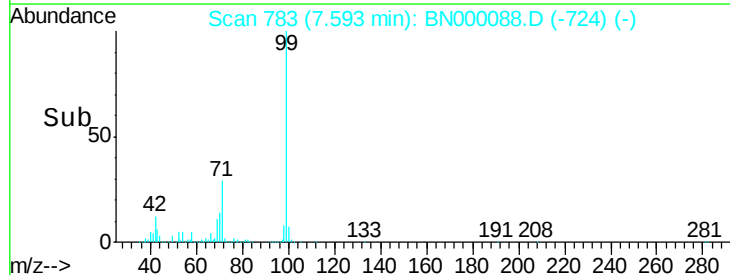
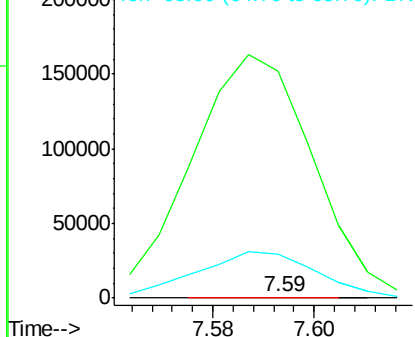


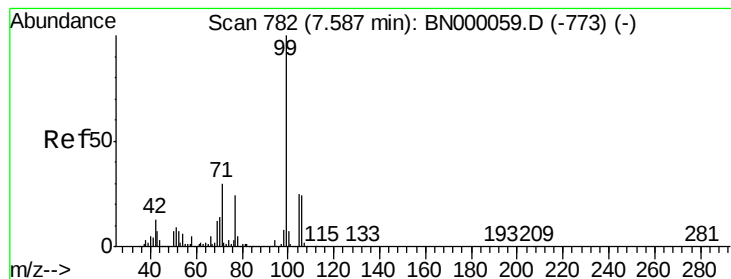
#6
 Aniline
 Concen: 0.00 ng
 RT: 7.59 min Scan# 783
 Delta R.T. -0.18 min
 Lab File: BN000088.D
 Acq: 15 Feb 2018 10:06

Tgt Ion: 93 Resp: 256
 Ion Ratio Lower Upper
 93 100
 66 37969.1 33.7 50.5#
 65 7439.4 16.1 24.1#



Abundance Ion 93.00 (92.70 to 93.70): BNC
 Ion 66.00 (65.70 to 66.70): BNC
 Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 137.03 ng

RT: 7.59 min Scan# 782

Delta R.T. -0.01 min

Lab File: BN000088.D

Acq: 15 Feb 2018 10:06

Instrument :

BNA_N

ClientSampled :

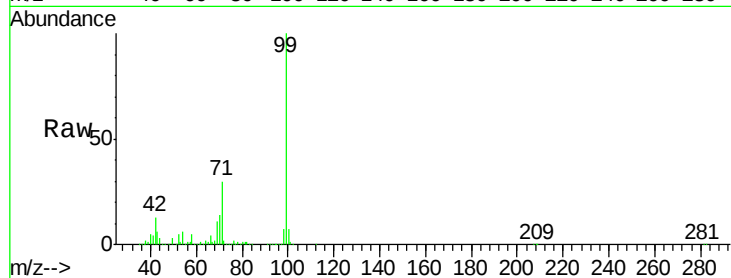
Tot Ion: 99 Resp: 6511143

Ion Ratio Lower Upper

99 100

42 12.6 14.1 21.1#

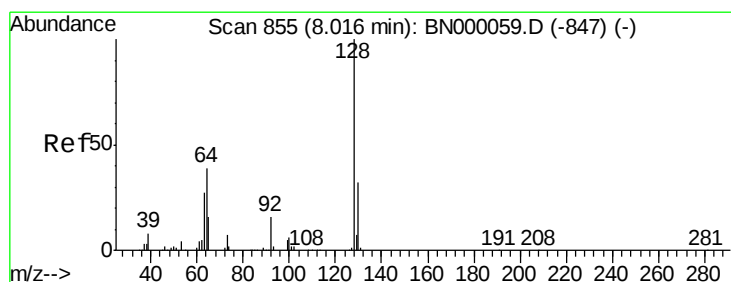
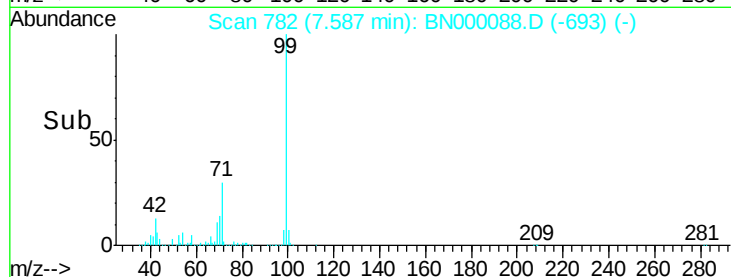
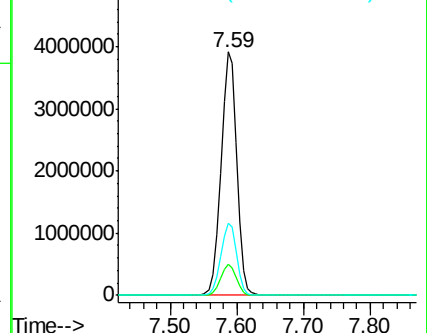
71 29.8 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN000059.D (-773) (-)

Ion 42.00 (41.70 to 42.70): BN000059.D (-773) (-)

Ion 71.00 (70.70 to 71.70): BN000059.D (-773) (-)



#8

2-Chlorophenol

Concen: 0.04 ng

RT: 8.01 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN000088.D

Acq: 15 Feb 2018 10:06

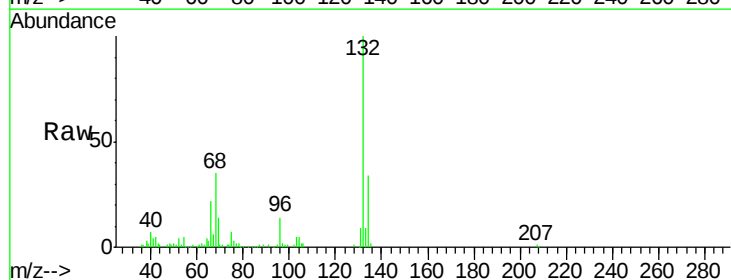
Tgt Ion:128 Resp: 1334

Ion Ratio Lower Upper

128 100

130 67.4 14.0 54.0#

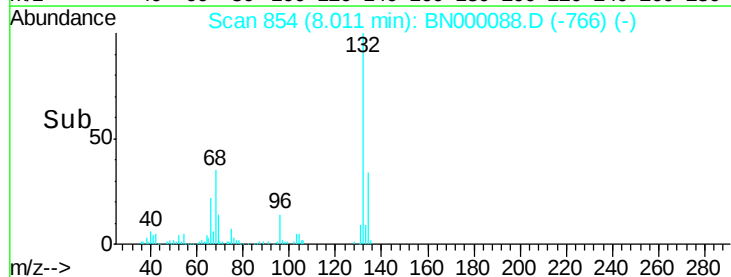
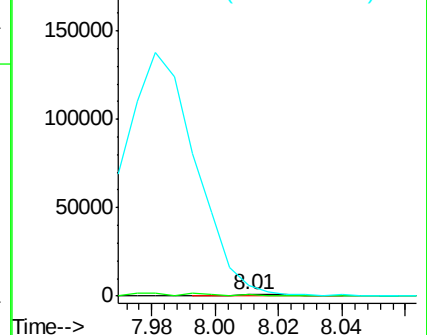
64 618.0 37.7 77.7#

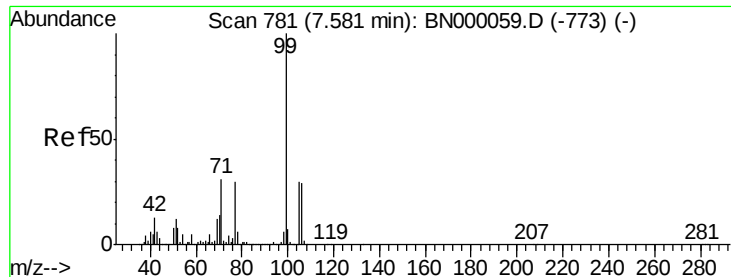


Abundance Ion 128.00 (127.70 to 128.70): BN000059.D (-847) (-)

Ion 130.00 (129.70 to 130.70): BN000059.D (-847) (-)

Ion 64.00 (63.70 to 64.70): BN000059.D (-847) (-)

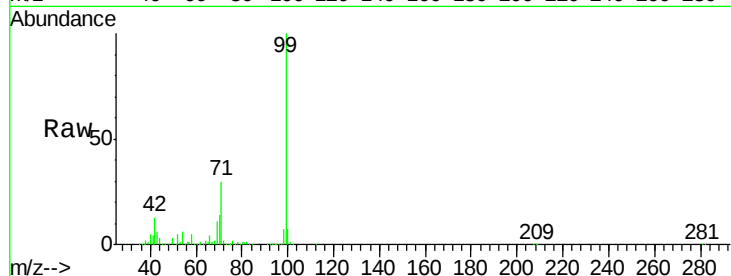




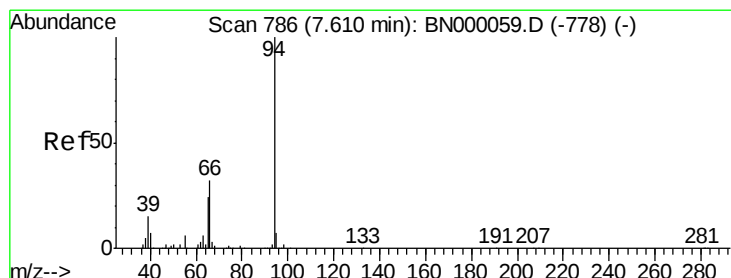
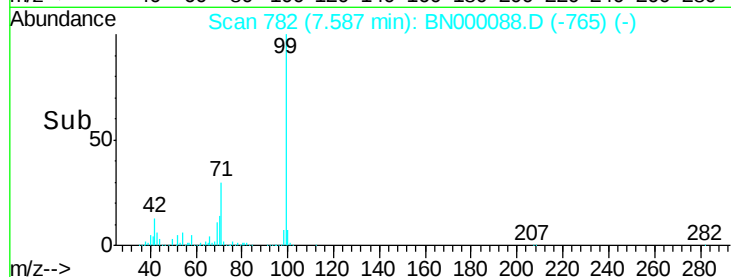
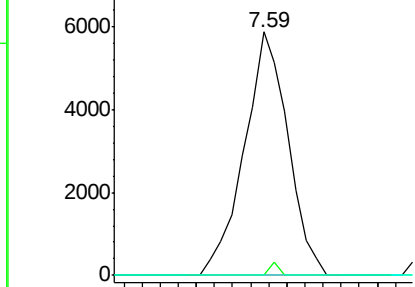
#9
Benzaldehyde
Concen: 0.33 ng
RT: 7.59 min Scan# 782
Delta R.T. 0.00 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 77 Resp: 9865
Ion Ratio Lower Upper
77 100
105 0.0 71.3 111.3#
106 0.0 64.2 104.2#

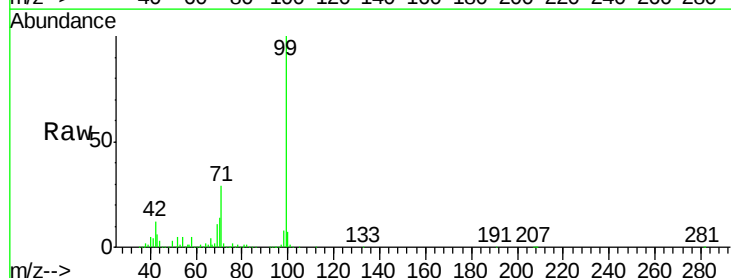


Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B

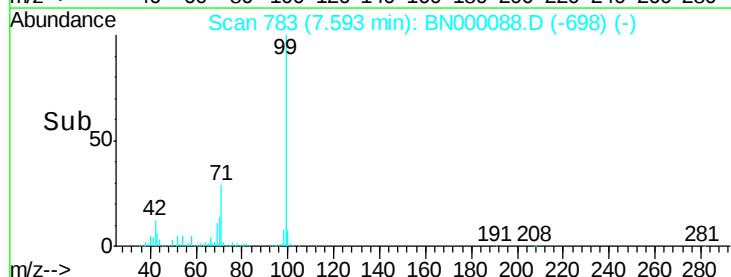
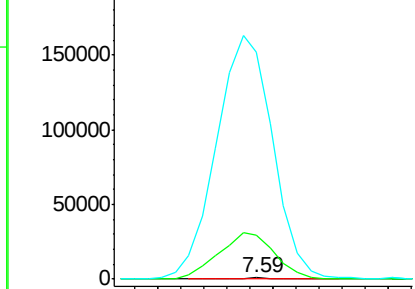


#10
Phenol
Concen: 0.03 ng
RT: 7.59 min Scan# 783
Delta R.T. -0.03 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion: 94 Resp: 1364
Ion Ratio Lower Upper
94 100
65 3094.6 11.9 51.9#
66 15794.2 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 66.00 (65.70 to 66.70): BN0

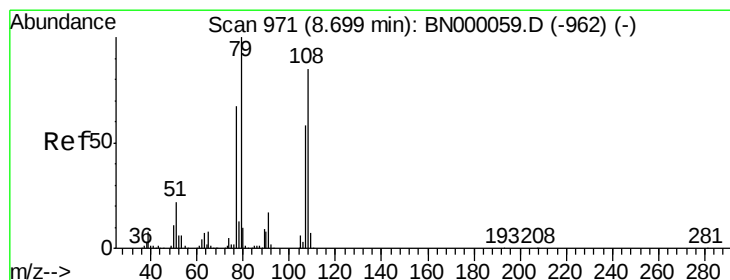
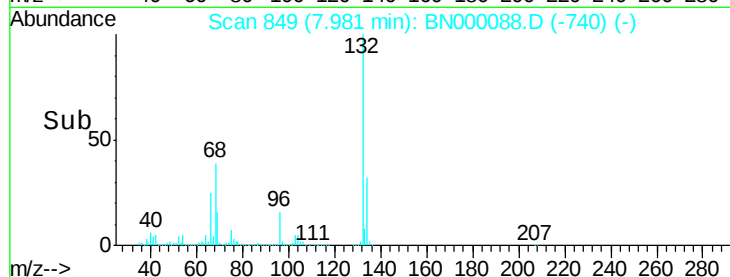
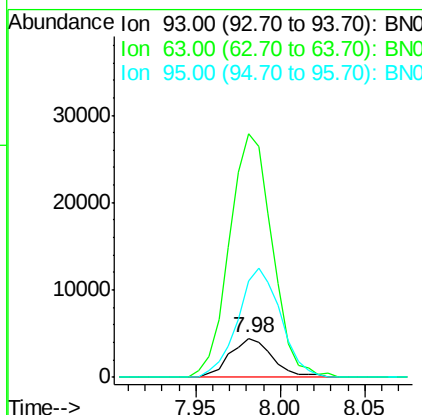
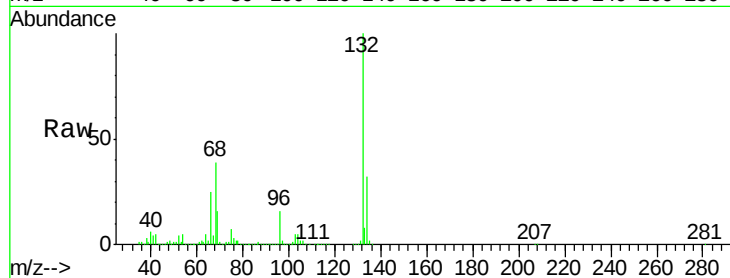




#11
bis(2-Chloroethyl)ether
Concen: 0.19 ng
RT: 7.98 min Scan# 849
Delta R.T. 0.11 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

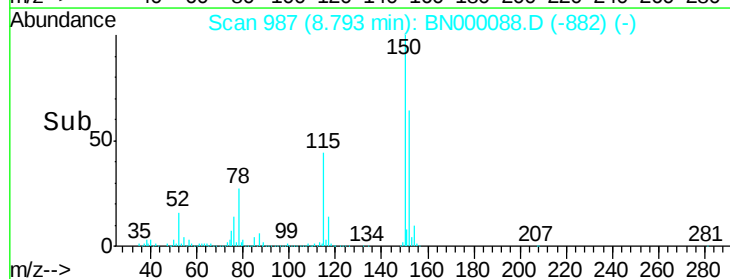
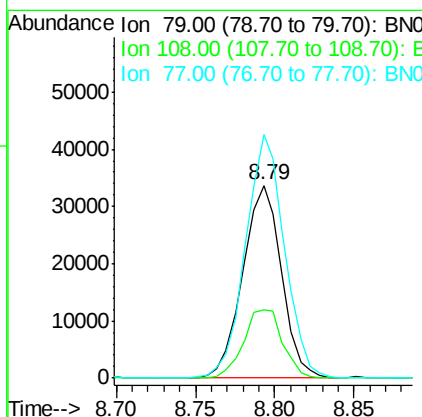
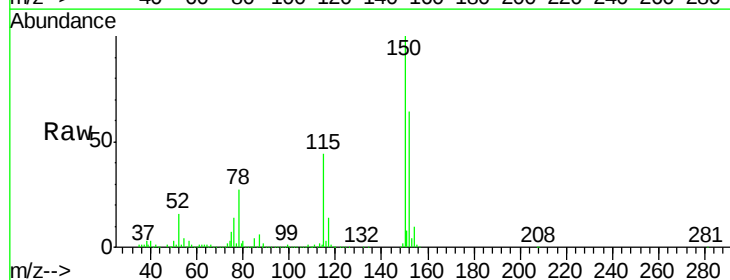
Instrument :
BNA_N
ClientSampleId :

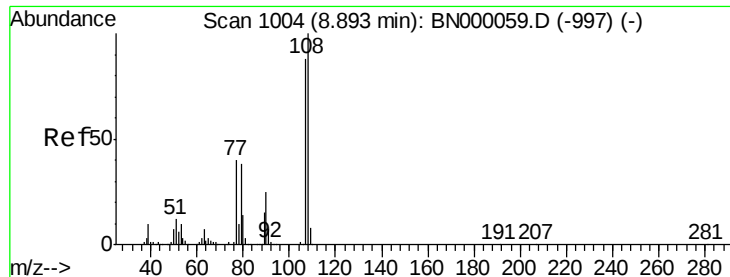
Tot Ion: 93 Resp: 7829
Ion Ratio Lower Upper
93 100
63 626.9 67.1 107.1#
95 249.9 11.5 51.5#



#15
Benzyl Alcohol
Concen: 1.67 ng
RT: 8.79 min Scan# 987
Delta R.T. 0.09 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion: 79 Resp: 57182
Ion Ratio Lower Upper
79 100
108 35.6 57.2 85.8#
77 126.4 46.1 69.1#

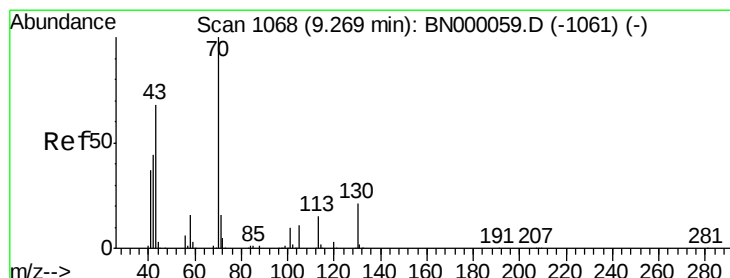
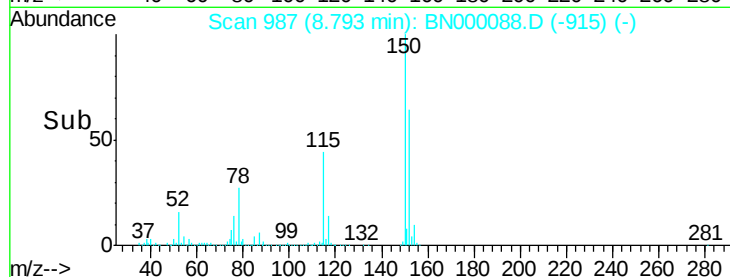
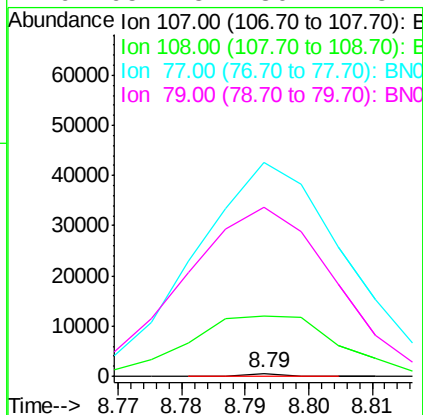
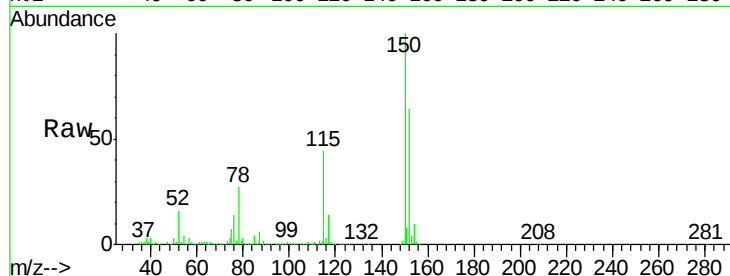




#17
2-Methylphenol
Concen: 0.01 ng
RT: 8.79 min Scan# 987
Delta R.T. -0.11 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

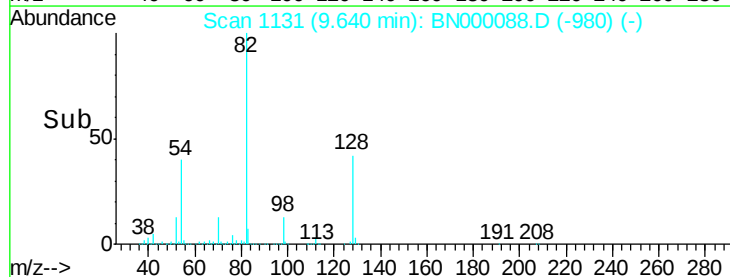
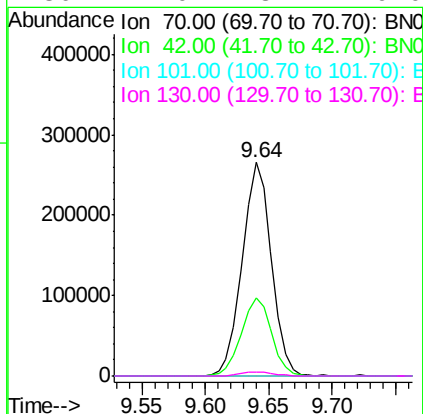
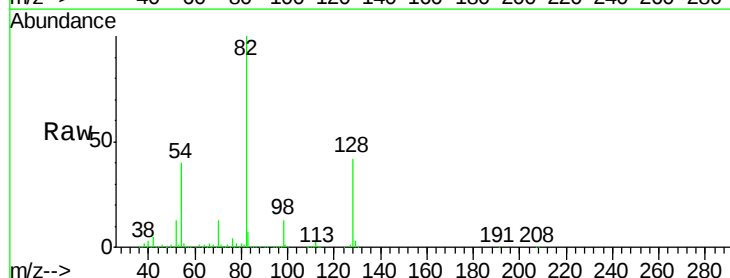
Instrument :
BNA_N
ClientSampleId :

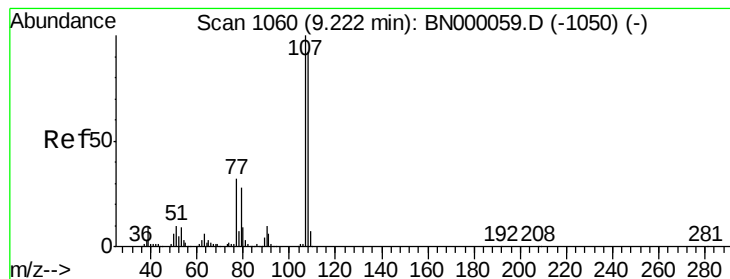
Tot Ion: 107 Resp: 182
Ion Ratio Lower Upper
107 100
108 2320.5 83.9 125.9#
77 8235.2 37.2 55.8#
79 6514.5 36.2 54.2#



#19
n-Nitroso-di-n-propylamine
Concen: 13.31 ng
RT: 9.64 min Scan# 1131
Delta R.T. 0.36 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion: 70 Resp: 423856
Ion Ratio Lower Upper
70 100
42 36.8 49.1 73.7#
101 0.0 8.5 12.7#
130 2.0 13.4 20.0#





#20

3+4-Methylphenols

Concen: 0.00 ng

RT: 8.79 min Scan# 987

Delta R.T. -0.44 min

Lab File: BN000088.D

Acq: 15 Feb 2018 10:06

Instrument :

BNA_N

ClientSampleId :

Tot Ion:107 Resp: 182

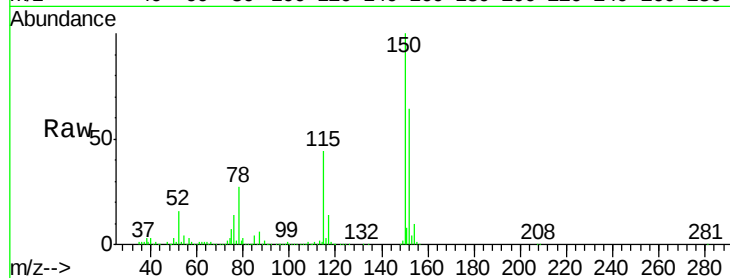
Ion Ratio Lower Upper

107 100

108 2320.5 61.6 101.6#

77 8235.2 13.9 53.9#

79 6514.5 8.8 48.8#

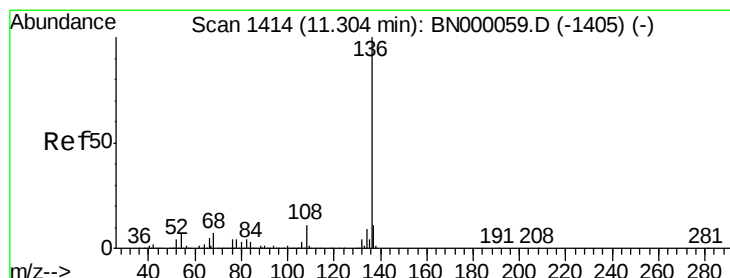
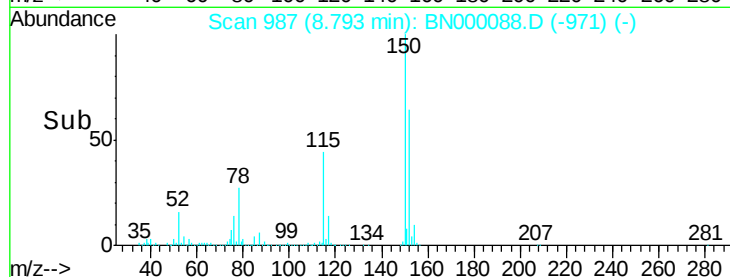
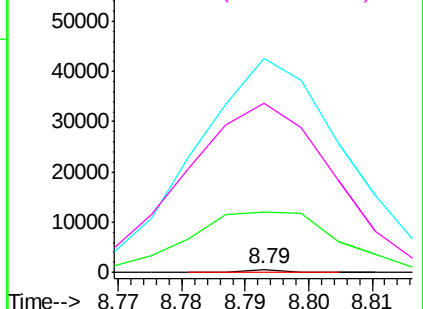


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.30 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN000088.D

Acq: 15 Feb 2018 10:06

Tgt Ion:136 Resp: 2401482

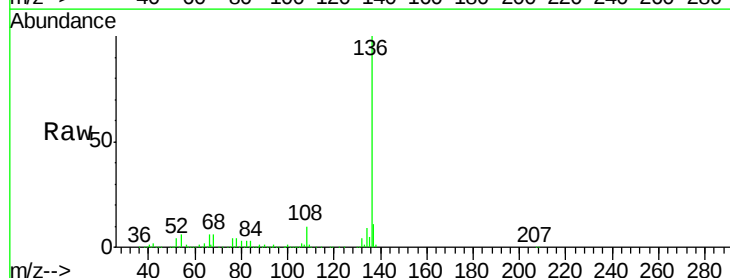
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 6.5 10.3 15.5#

68 6.2 4.5 6.7

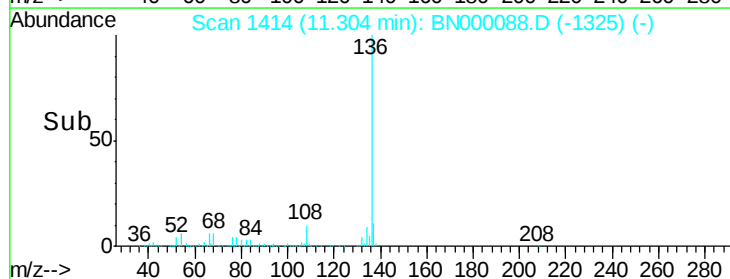
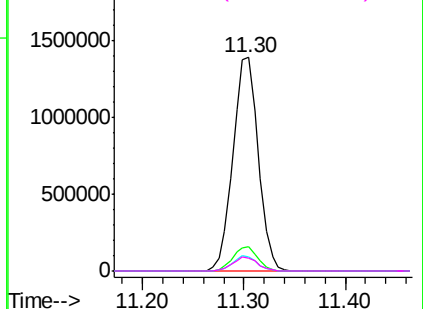


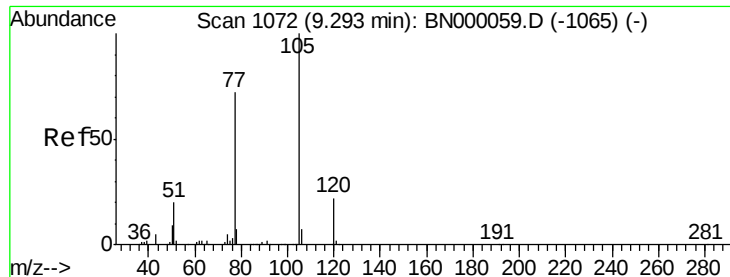
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC

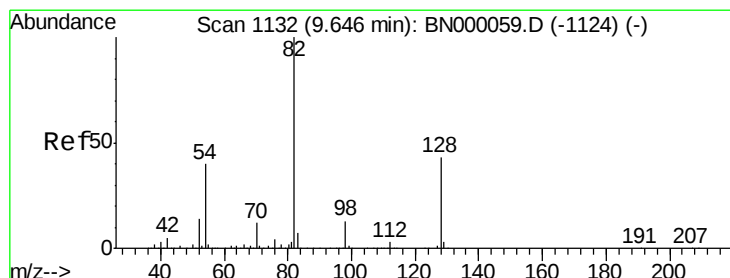
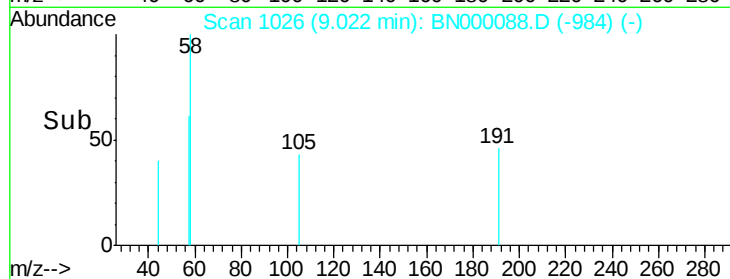
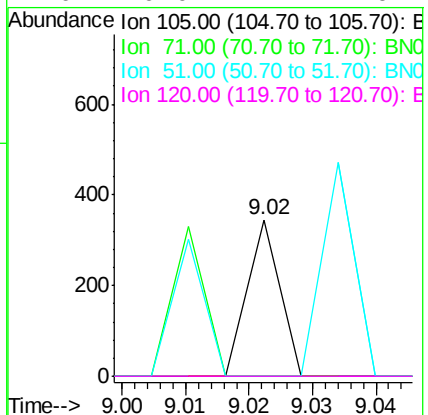
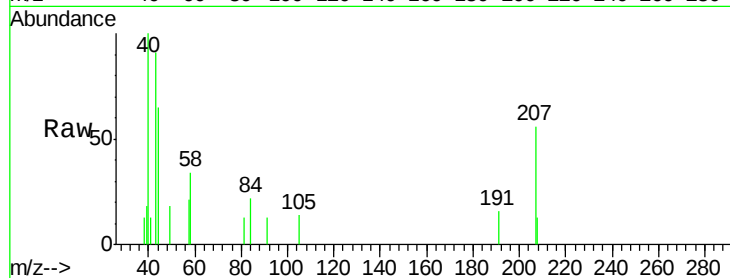




#22
Acetophenone
Concen: 0.00 ng
RT: 9.02 min Scan# 1026
Delta R.T. -0.28 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

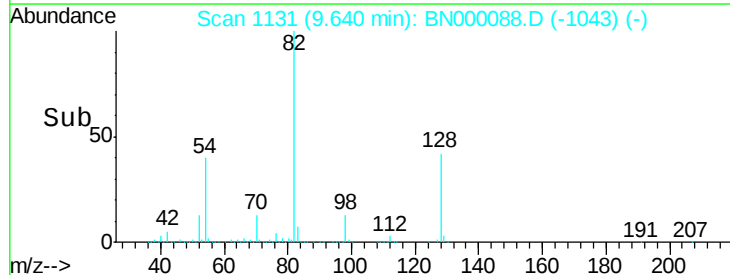
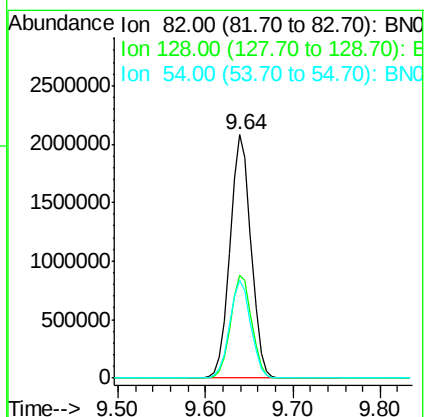
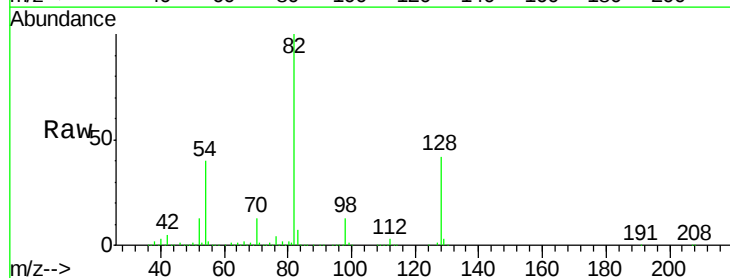
Instrument :
BNA_N
ClientSampleId :

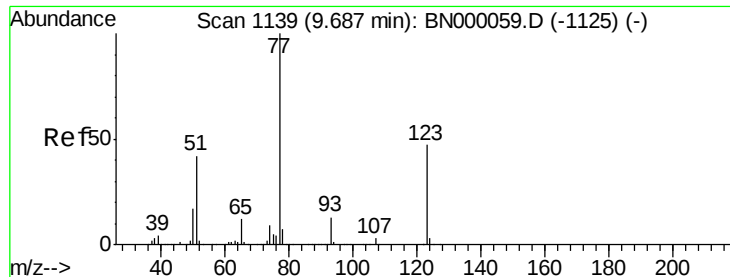
Tot Ion:105 Resp: 122
Ion Ratio Lower Upper
105 100
71 0.0 3.0 4.4#
51 0.0 26.1 39.1#
120 0.0 17.4 26.2#



#23
Nitrobenzene-d5
Concen: 83.90 ng
RT: 9.64 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion: 82 Resp: 3388917
Ion Ratio Lower Upper
82 100
128 42.5 29.7 44.5
54 40.0 43.1 64.7#





#24

Nitrobenzene

Concen: 0.25 ng

RT: 9.64 min Scan# 1131

Delta R.T. -0.05 min

Lab File: BN000088.D

Acq: 15 Feb 2018 10:06

Instrument :

BNA_N

ClientSampleId :

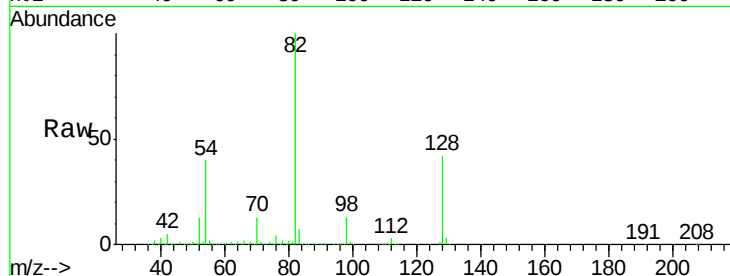
Tot Ion: 77 Resp: 11072

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.6#

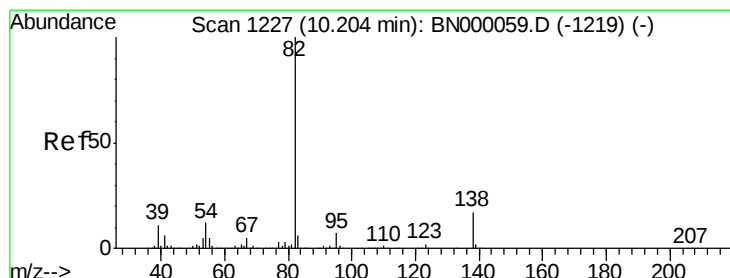
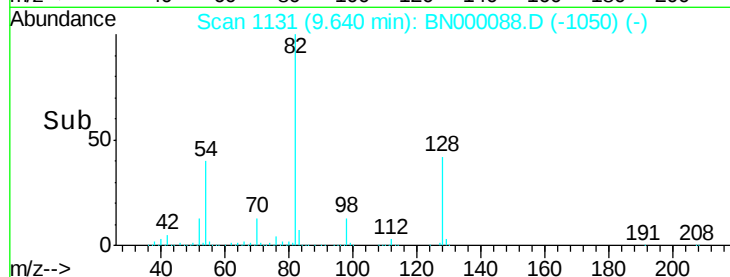
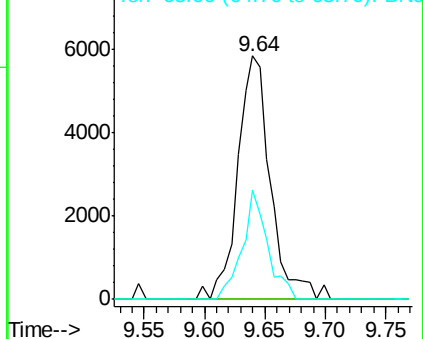
65 44.6 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): BNC

Ion 65.00 (64.70 to 65.70): BNC



#25

Isophorone

Concen: 0.00 ng

RT: 10.14 min Scan# 1216

Delta R.T. -0.08 min

Lab File: BN000088.D

Acq: 15 Feb 2018 10:06

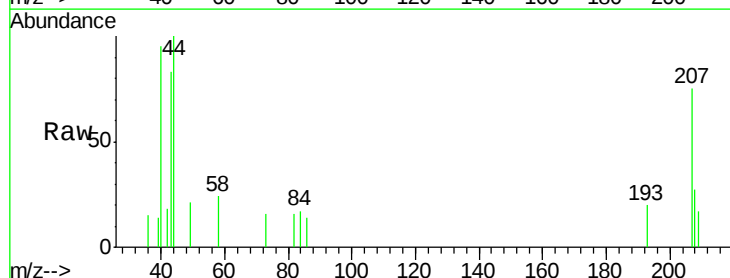
Tgt Ion: 82 Resp: 348

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

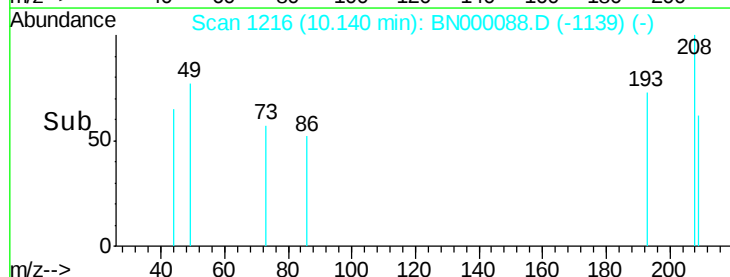
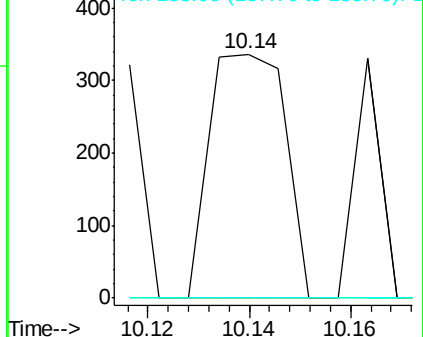
138 0.0 12.1 18.1#

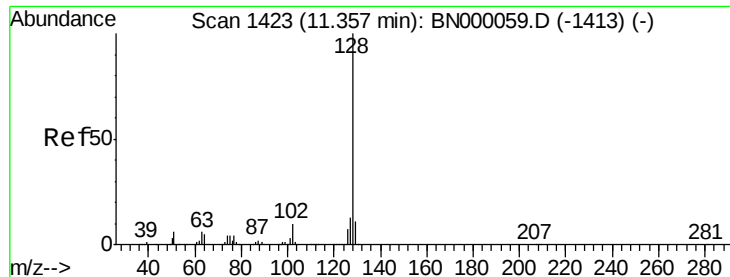


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 138.00 (137.70 to 138.70): BNC

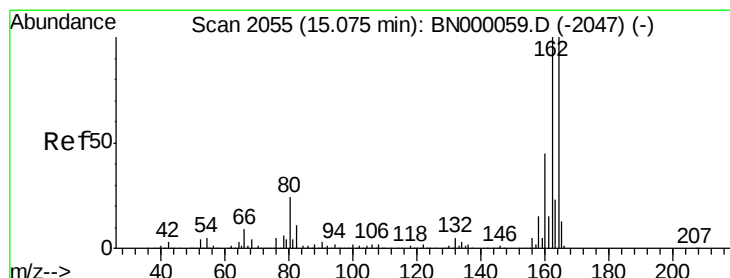
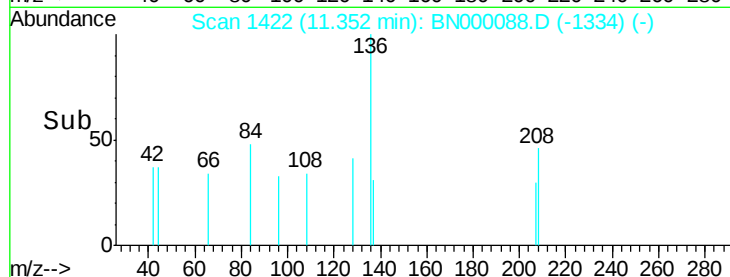
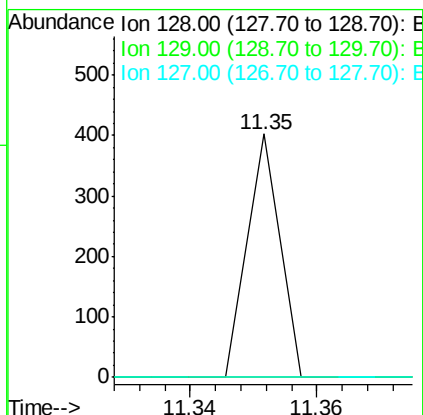
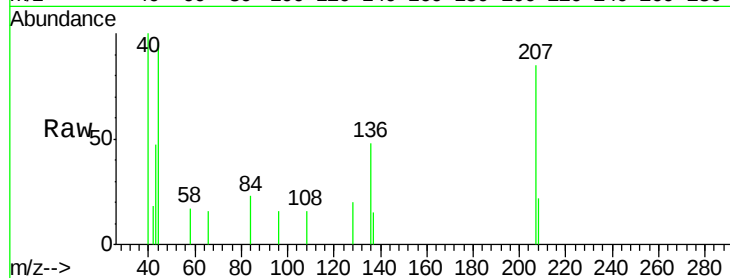




#31
Naphthalene
Concen: 0.00 ng
RT: 11.35 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

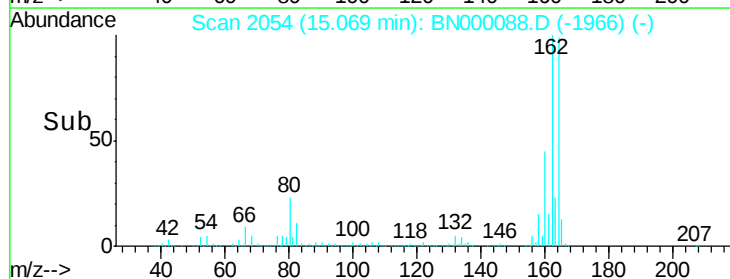
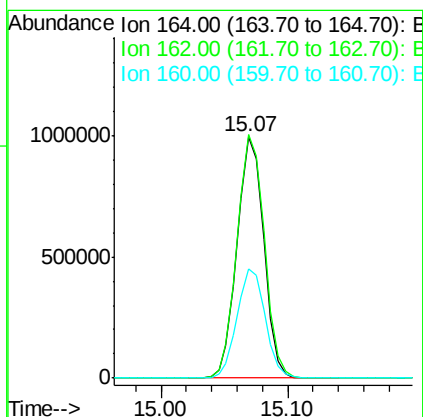
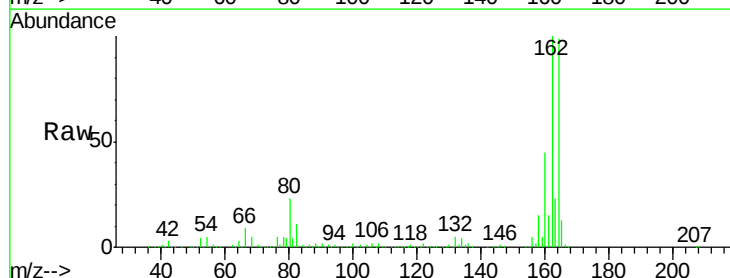
Instrument :
BNA_N
ClientSampled :

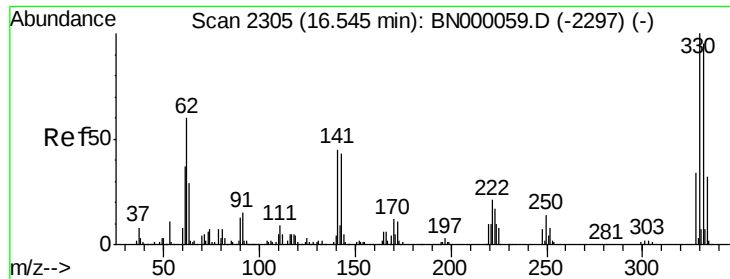
Tot Ion:128 Resp: 142
Ion Ratio Lower Upper
128 100
129 0.0 8.6 12.8#
127 0.0 11.6 17.4#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion:164 Resp: 1450316
Ion Ratio Lower Upper
164 100
162 101.0 78.8 118.2
160 45.4 35.4 53.0

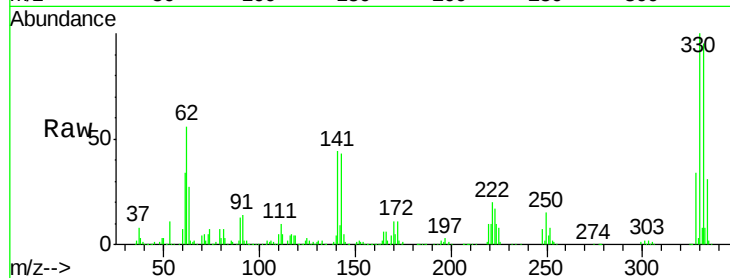




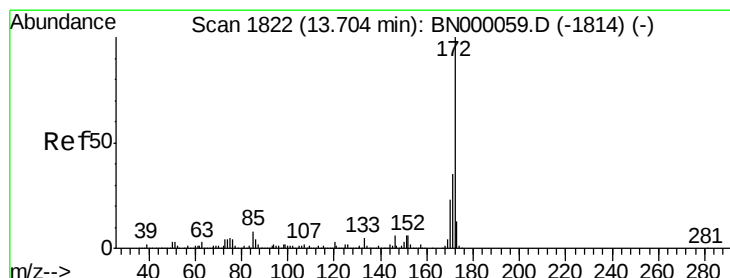
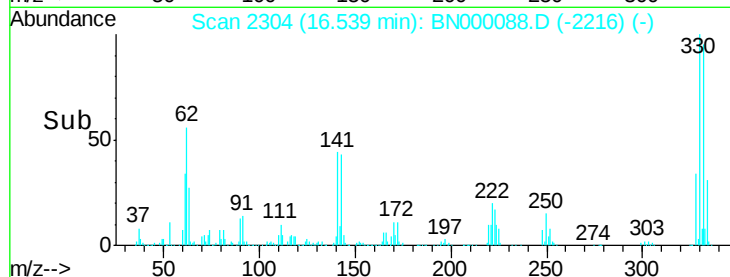
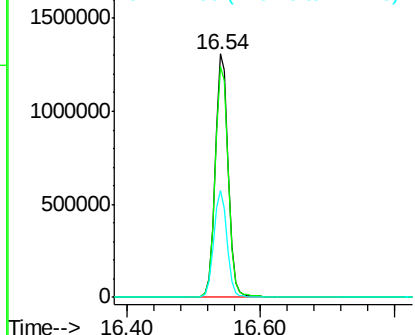
#41
 2,4,6-Tribromophenol
 Concen: 125.36 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BN000088.D
 Acq: 15 Feb 2018 10:06

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 1799658
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 45.0 25.2 37.8#

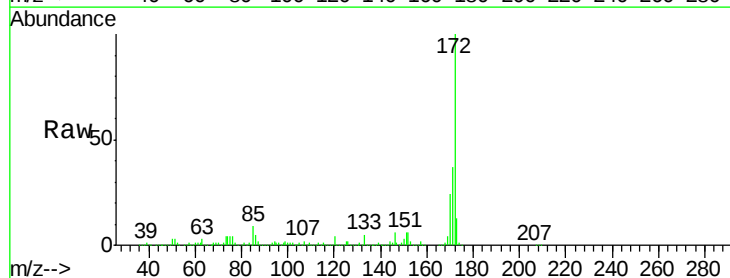


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

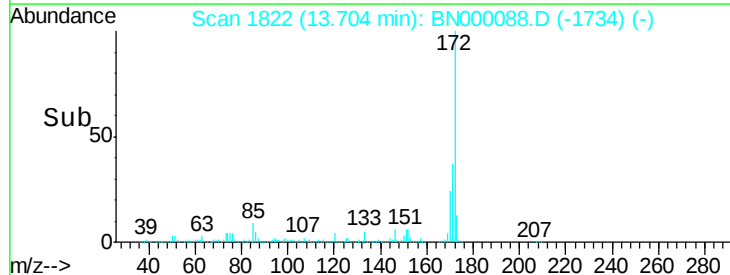
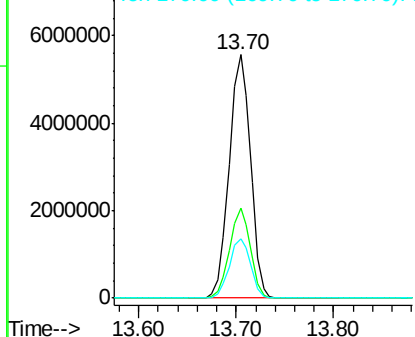


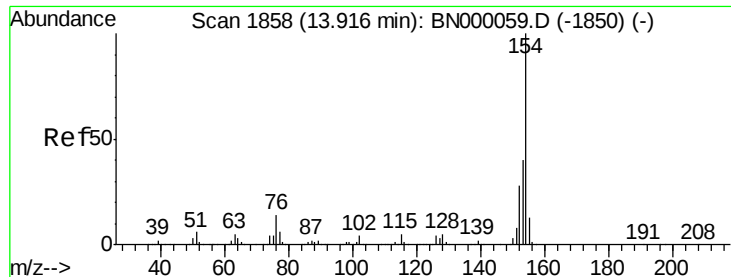
#44
 2-Fluorobiphenyl
 Concen: 81.78 ng
 RT: 13.70 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BN000088.D
 Acq: 15 Feb 2018 10:06

Tgt Ion:172 Resp: 8415476
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.0 45.0
 170 24.2 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 0.15 ng

RT: 13.92 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BN000088.D

Acq: 15 Feb 2018 10:06

Instrument :

BNA_N

ClientSampleId :

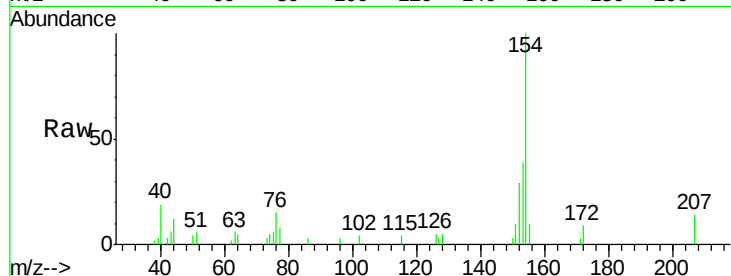
Tot Ion:154 Resp: 19757

Ion Ratio Lower Upper

154 100

153 39.2 19.8 59.8

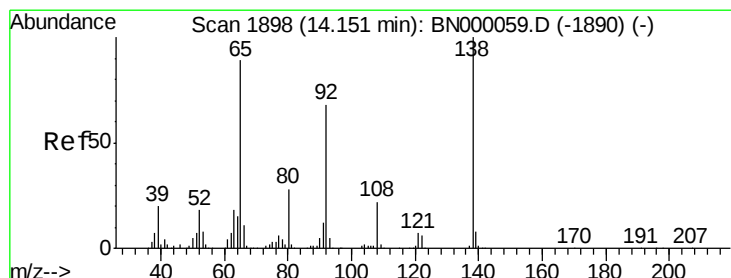
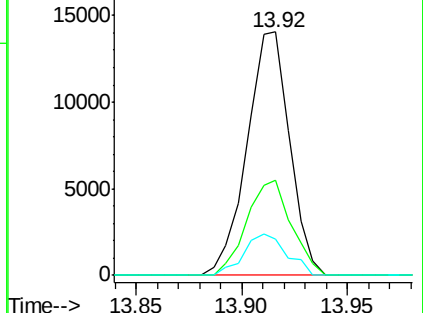
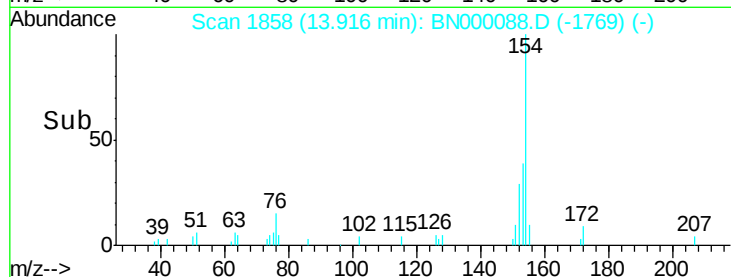
76 15.1 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#47

2-Nitroaniline

Concen: 5.33 ng

RT: 13.70 min Scan# 1822

Delta R.T. -0.45 min

Lab File: BN000088.D

Acq: 15 Feb 2018 10:06

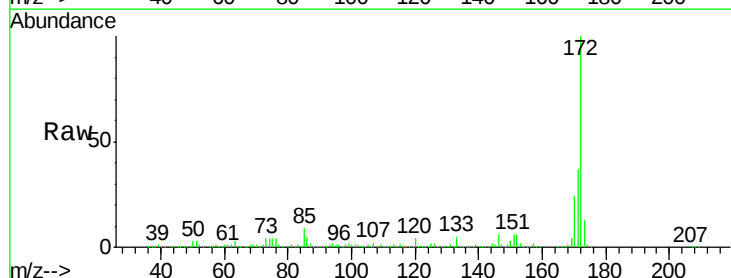
Tgt Ion: 65 Resp: 14043

Ion Ratio Lower Upper

65 100

92 233.4 54.6 82.0#

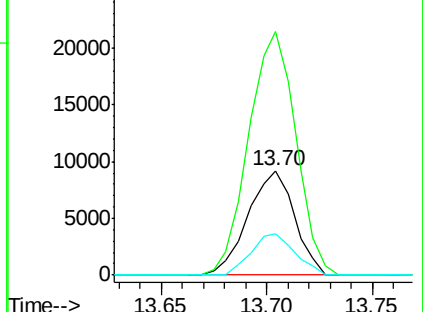
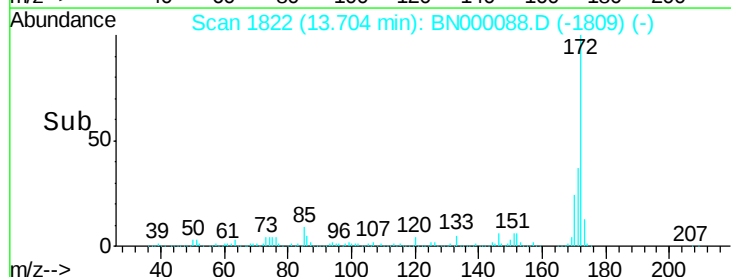
138 39.3 72.9 109.3#

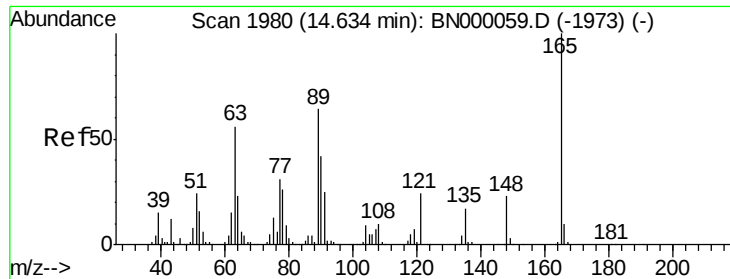


Abundance Ion 65.00 (64.70 to 65.70): BNC

Ion 92.00 (91.70 to 92.70): BNC

Ion 138.00 (137.70 to 138.70): E

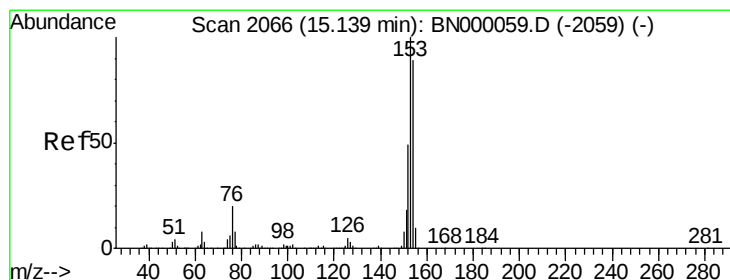
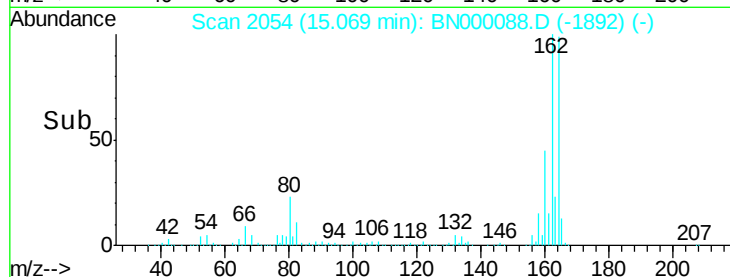
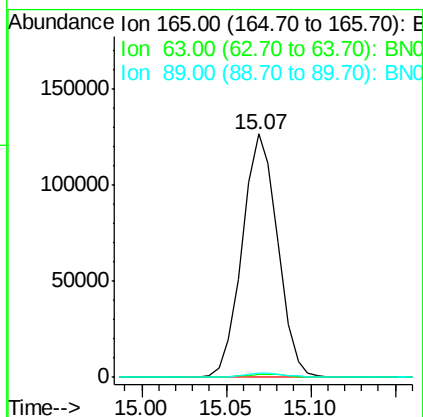
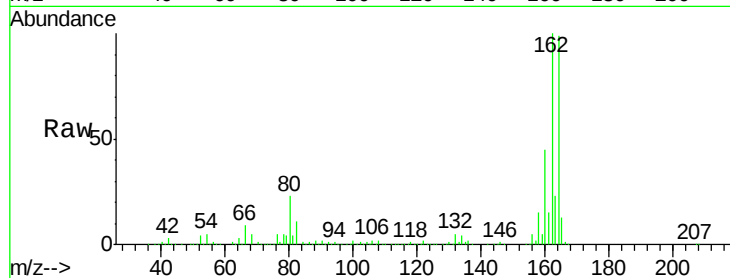




#50
2,6-Dinitrotoluene
Concen: 7.41 ng
RT: 15.07 min Scan# 2054
Delta R.T. 0.42 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

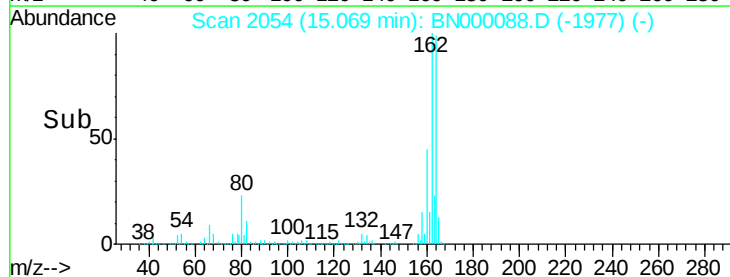
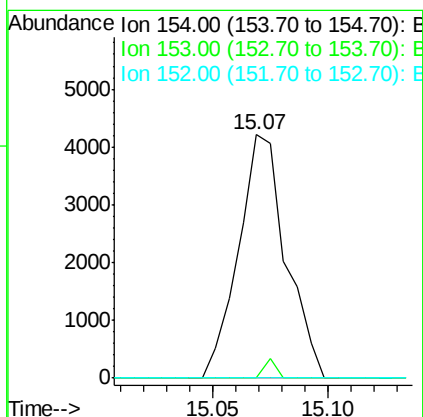
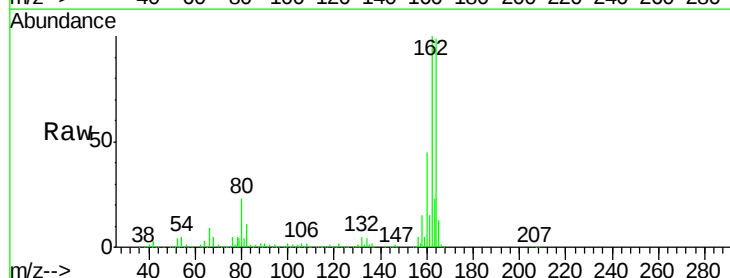
Instrument :
BNA_N
ClientSampleId :

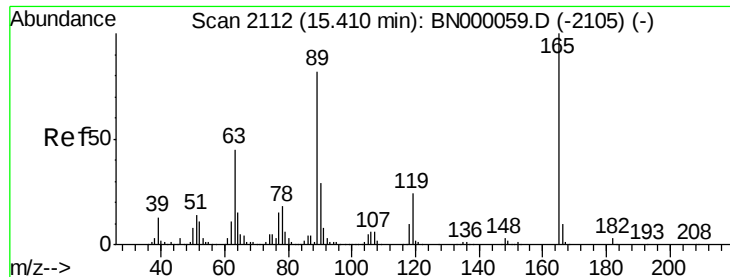
Tot Ion:165 Resp: 185457
Ion Ratio Lower Upper
165 100
63 1.4 52.7 79.1#
89 1.8 49.2 73.8#



#51
Acenaphthene
Concen: 0.06 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.08 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion:154 Resp: 6033
Ion Ratio Lower Upper
154 100
153 0.0 90.4 135.6#
152 0.0 41.6 62.4#

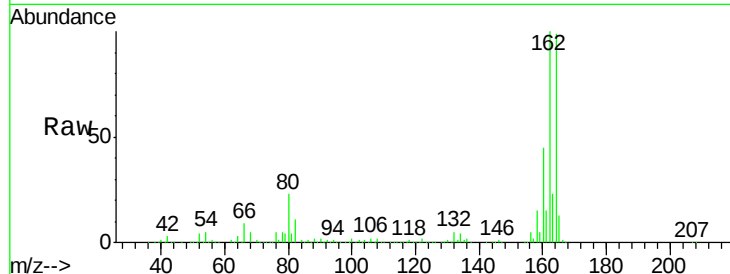




#56
2,4-Dinitrotoluene
Concen: 8.91 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.35 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.0	63.0#
89	1.8	66.9	100.3#
182	0.0	2.6	3.8#

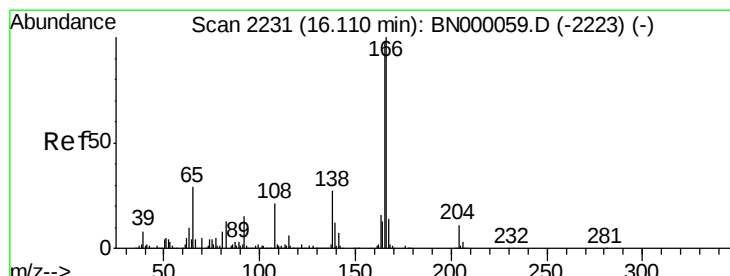
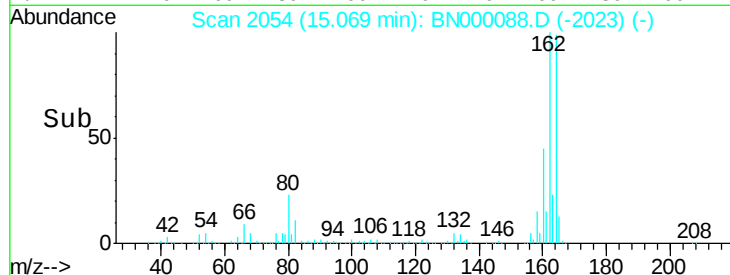
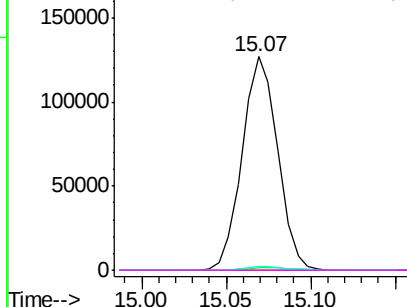


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

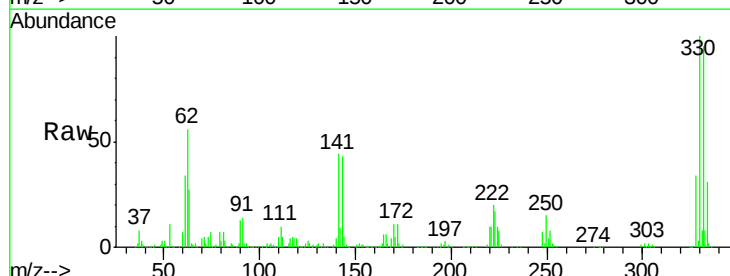
Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 0.93 ng
RT: 16.54 min Scan# 2304
Delta R.T. 0.42 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

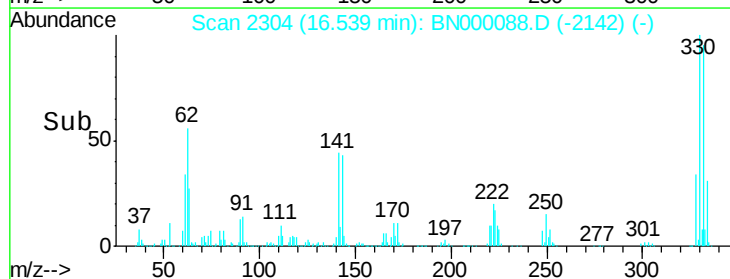
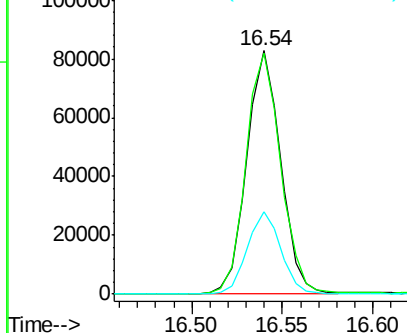
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.6	121.0
167	34.0	10.4	15.6#

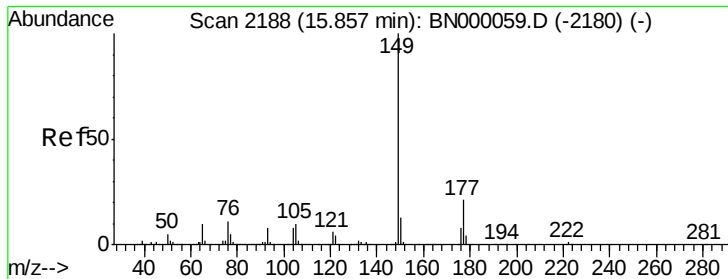


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

Diethylphthalate

Concen: 0.00 ng

RT: 15.85 min Scan# 2187

Delta R.T. -0.02 min

Lab File: BN000088.D

Acq: 15 Feb 2018 10:06

Instrument :

BNA_N

ClientSampled :

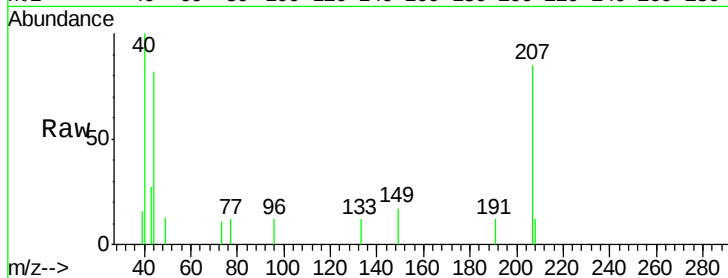
Tot Ion:149 Resp: 317

Ion Ratio Lower Upper

149 100

177 0.0 18.5 27.7#

150 0.0 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

15.85

400

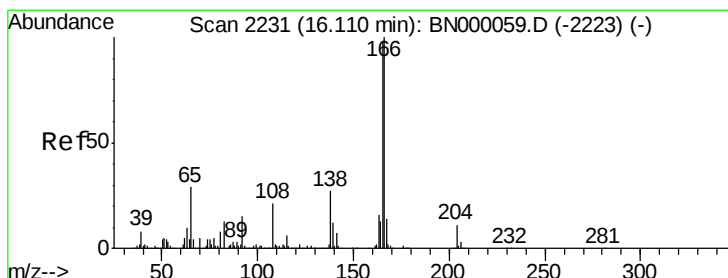
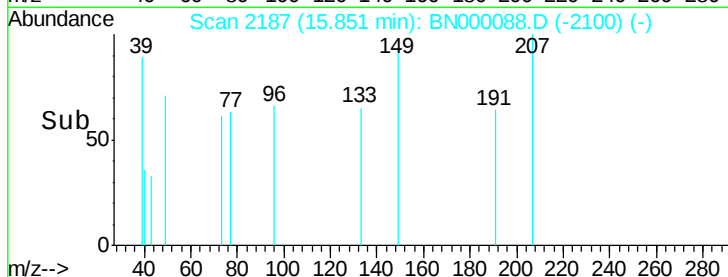
300

200

100

0

Time--> 15.82 15.84 15.86



#61

4-Nitroaniline

Concen: 0.00 ng

RT: 16.54 min Scan# 2304

Delta R.T. 0.42 min

Lab File: BN000088.D

Acq: 15 Feb 2018 10:06

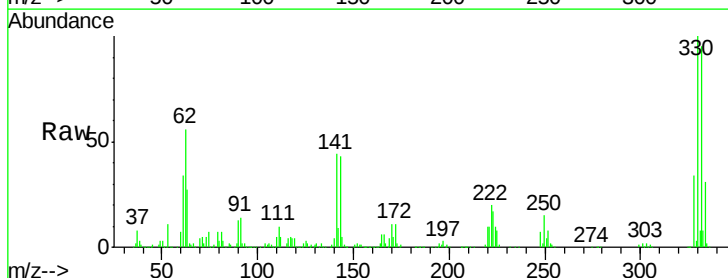
Tgt Ion:138 Resp: 112

Ion Ratio Lower Upper

138 100

92 6463.1 40.1 80.1#

108 318.9 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNC

Ion 108.00 (107.70 to 108.70): E

25000

20000

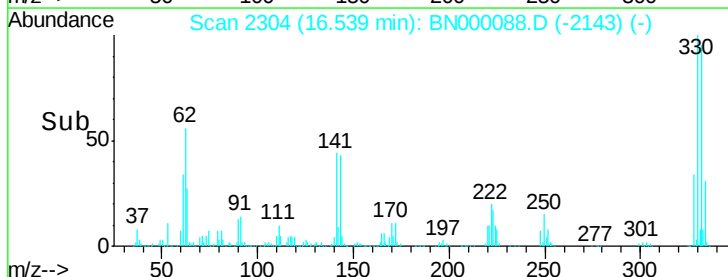
15000

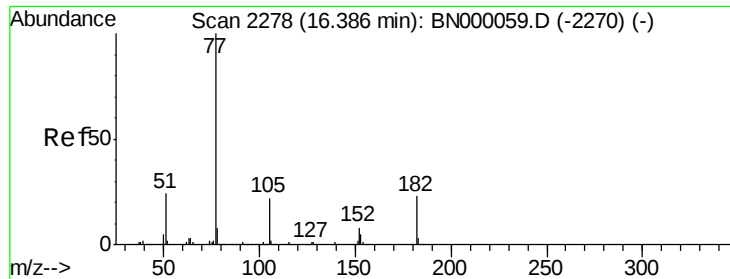
10000

5000

0

Time--> 16.52 16.54

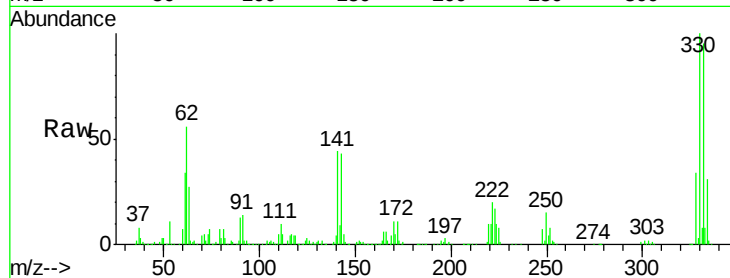




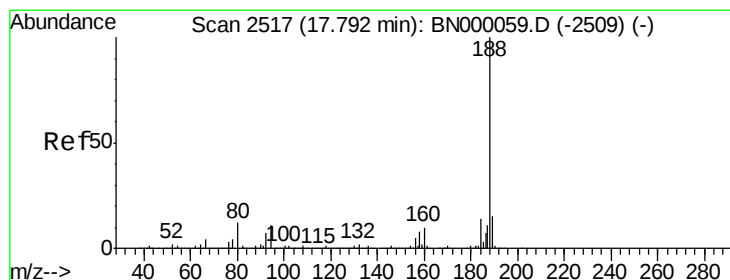
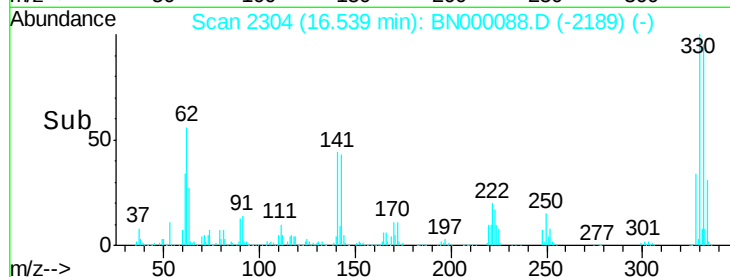
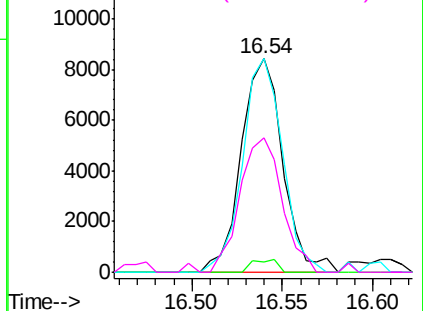
#62
Azobenzene
Concen: 0.11 ng
RT: 16.54 min Scan# 2304
Delta R.T. 0.15 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 77 Resp: 13449
Ion Ratio Lower Upper
77 100
182 4.8 7.4 47.4#
105 99.8 0.3 40.3#
51 62.8 11.6 51.6#

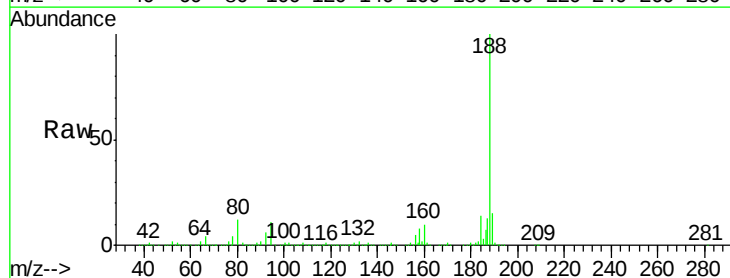


Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BN0

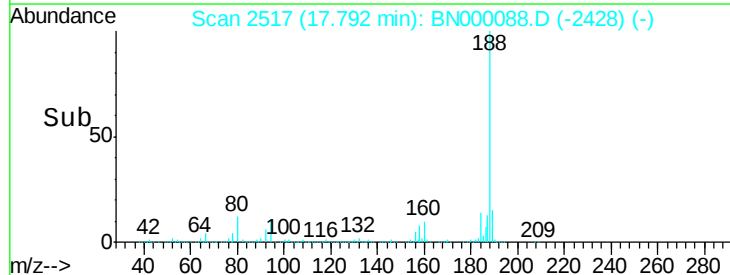
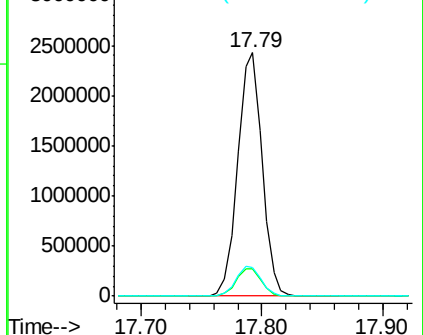


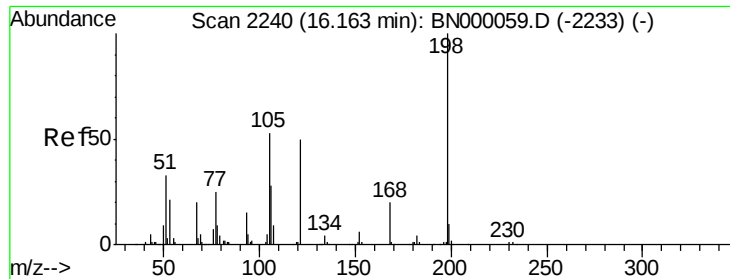
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.79 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion: 188 Resp: 3423242
Ion Ratio Lower Upper
188 100
94 11.3 6.9 10.3#
80 12.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BN0
Ion 80.00 (79.70 to 80.70): BN0

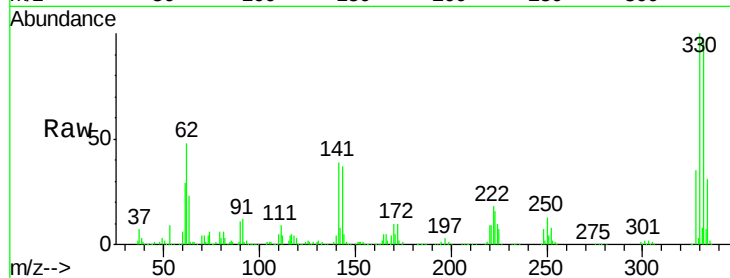




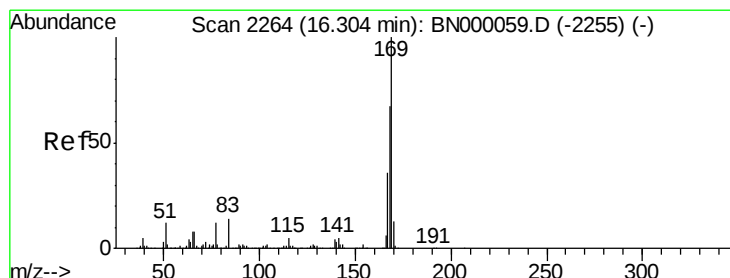
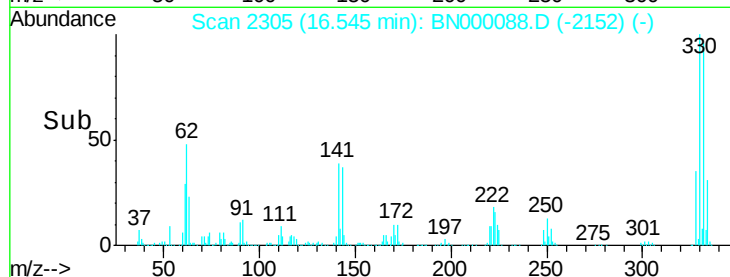
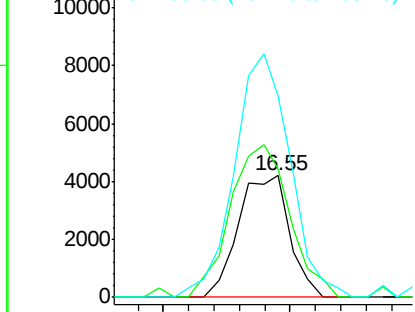
#64
4,6-Dinitro-2-methylphenol
Concen: 9.00 ng
RT: 16.55 min Scan# 2305
Delta R.T. 0.37 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampled :

Tot Ion:198 Resp: 5890
Ion Ratio Lower Upper
198 100
51 105.9 30.6 70.6#
105 165.6 23.8 63.8#

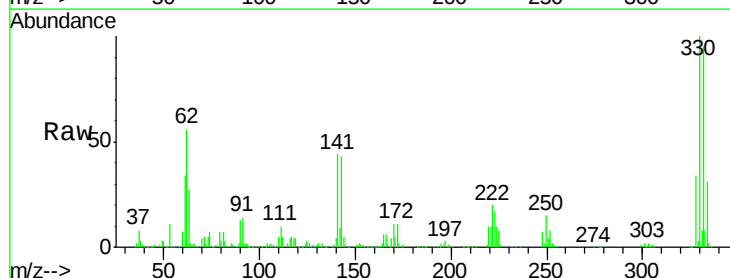


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BNO
Ion 105.00 (104.70 to 105.70): E

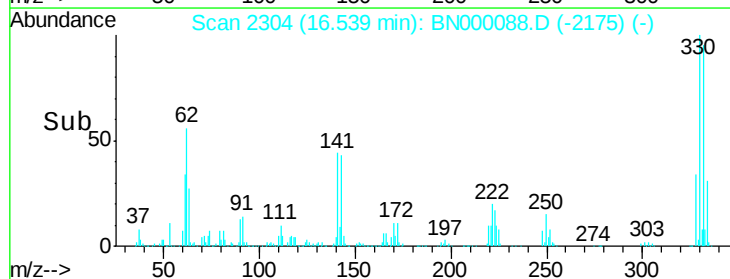
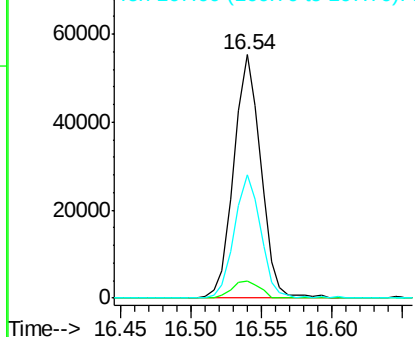


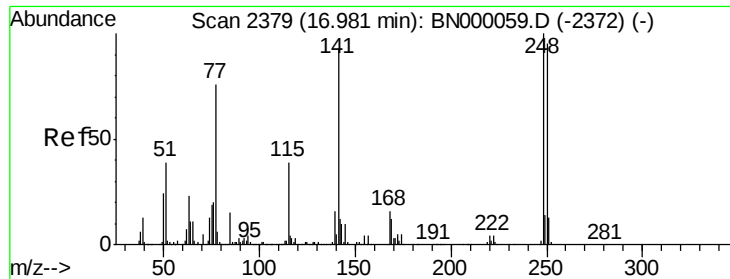
#65
n-Nitrosodiphenylamine
Concen: 0.66 ng
RT: 16.54 min Scan# 2304
Delta R.T. 0.23 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion:169 Resp: 74035
Ion Ratio Lower Upper
169 100
168 7.1 55.7 83.5#
167 50.8 30.1 45.1#



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

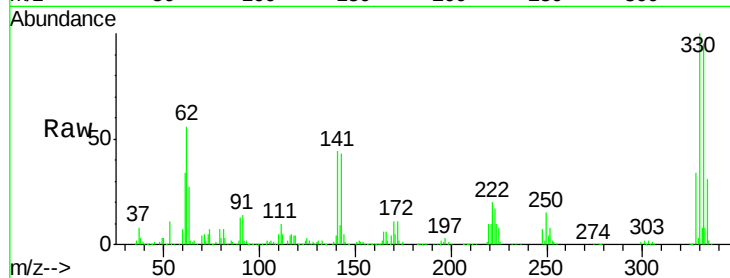




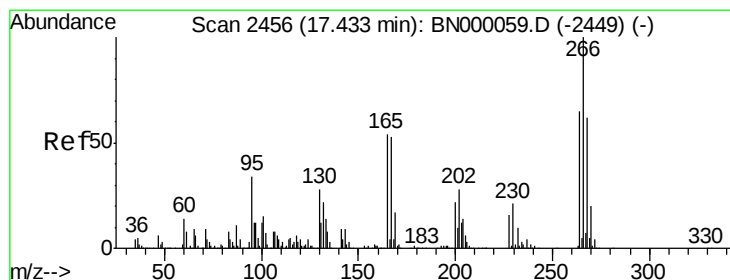
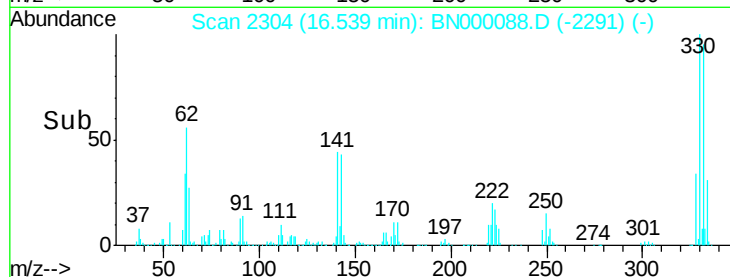
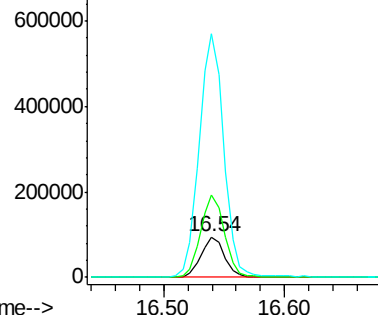
#66
4-Bromophenyl-phenylether
Concen: 3.92 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.45 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:248 Resp: 127663
Ion Ratio Lower Upper
248 100
250 204.7 77.1 115.7#
141 605.9 50.8 76.2#

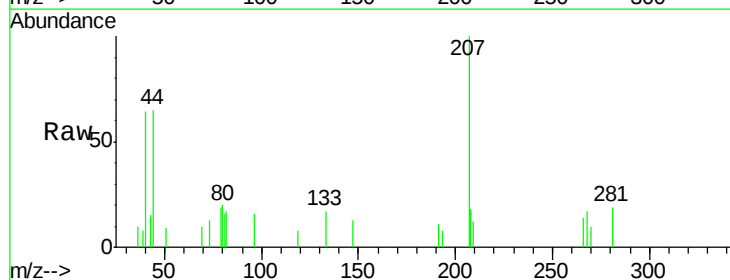


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

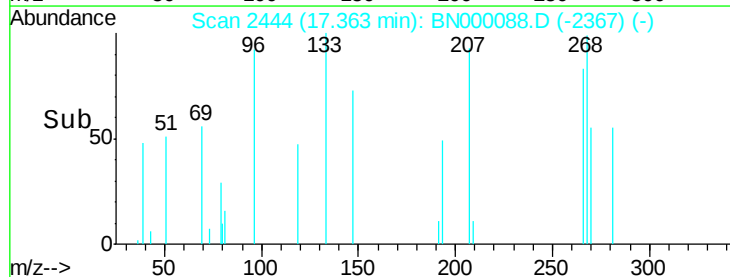
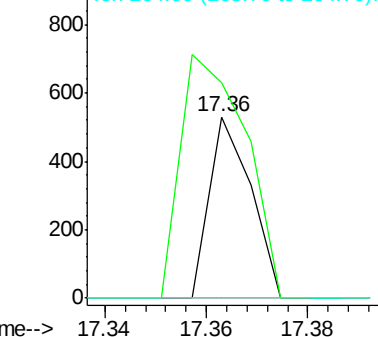


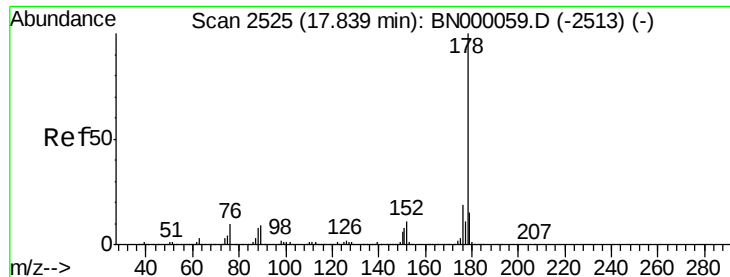
#69
Pentachlorophenol
Concen: 5.84 ng
RT: 17.36 min Scan# 2444
Delta R.T. -0.08 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion:266 Resp: 304
Ion Ratio Lower Upper
266 100
268 118.6 51.1 76.7#
264 0.0 49.6 74.4#



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





#70

Phenanthrene

Concen: 0.01 ng

RT: 17.79 min Scan# 2517

Delta R.T. -0.05 min

Lab File: BN000088.D

Acq: 15 Feb 2018 10:06

Instrument :

BNA_N

ClientSampled :

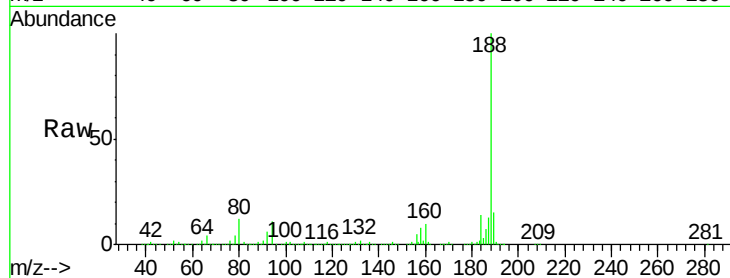
Tot Ion:178 Resp: 1288

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

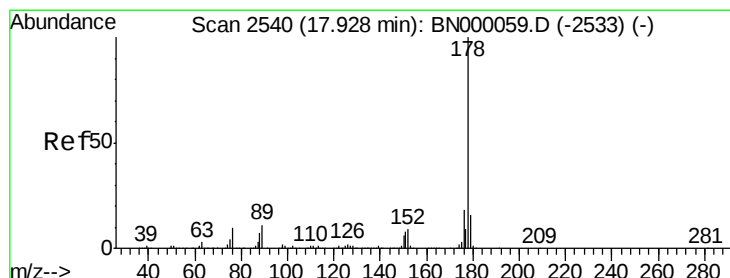
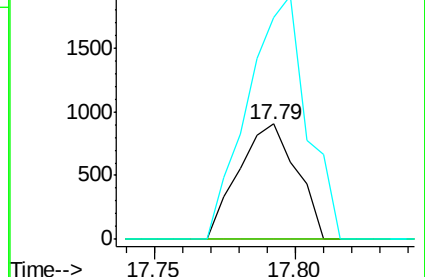
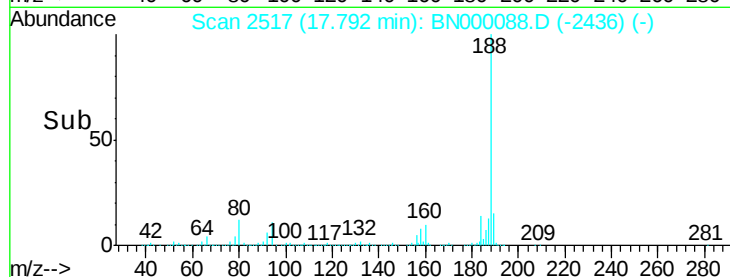
179 192.6 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.01 ng

RT: 17.79 min Scan# 2517

Delta R.T. -0.14 min

Lab File: BN000088.D

Acq: 15 Feb 2018 10:06

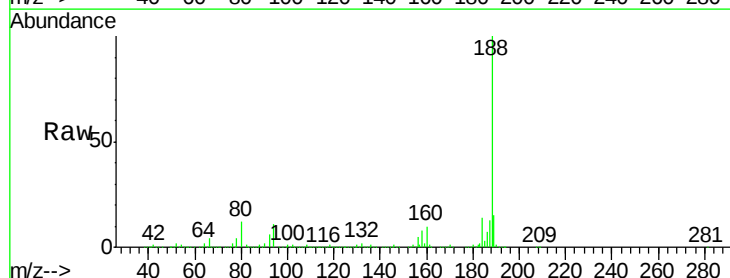
Tgt Ion:178 Resp: 1288

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

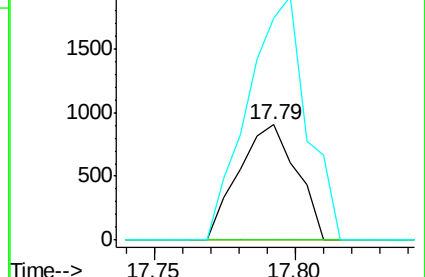
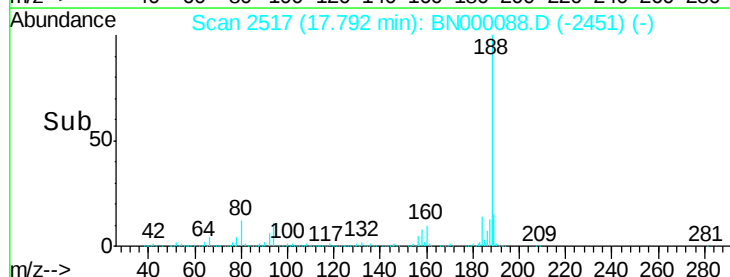
179 192.6 12.5 18.7#

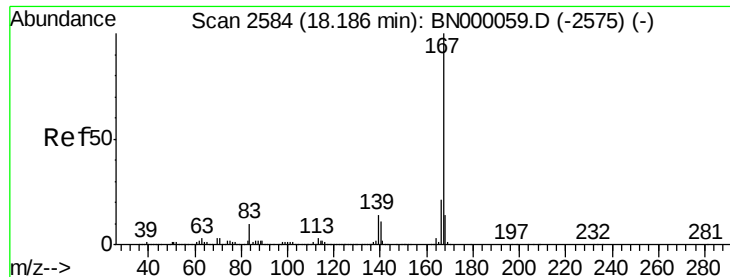


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.00 ng

RT: 17.79 min Scan# 2516

Delta R.T. -0.41 min

Lab File: BN000088.D

Acq: 15 Feb 2018 10:06

Instrument :

BNA_N

ClientSampleId :

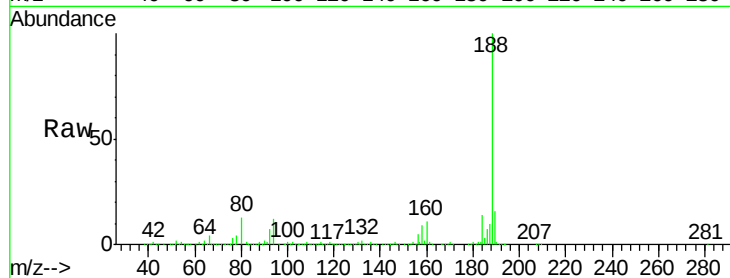
Tot Ion:167 Resp: 513

Ion Ratio Lower Upper

167 100

166 263.1 18.2 27.4#

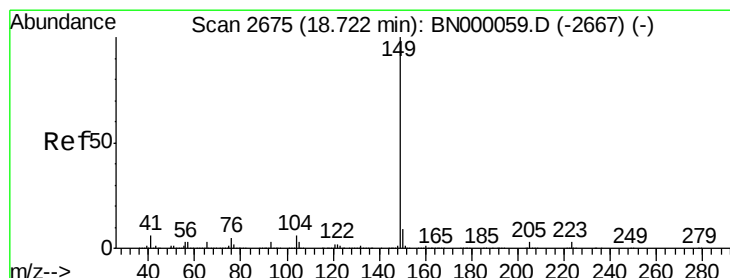
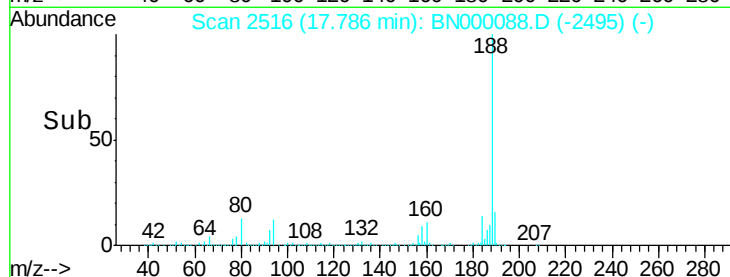
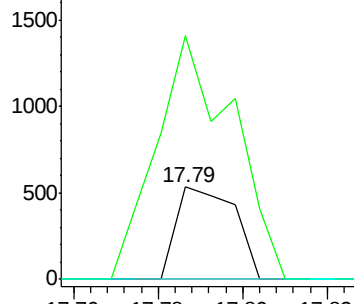
139 0.0 9.4 14.2#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.00 ng

RT: 18.71 min Scan# 2673

Delta R.T. -0.02 min

Lab File: BN000088.D

Acq: 15 Feb 2018 10:06

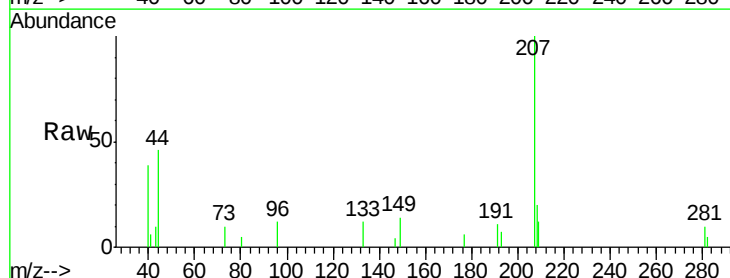
Tgt Ion:149 Resp: 1048

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

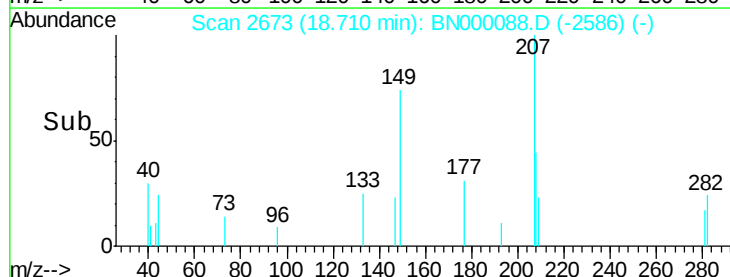
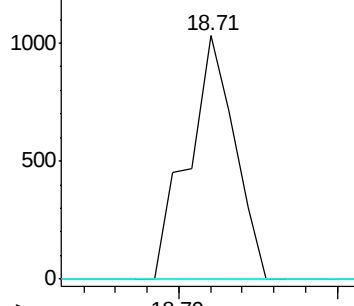
104 0.0 3.9 5.9#

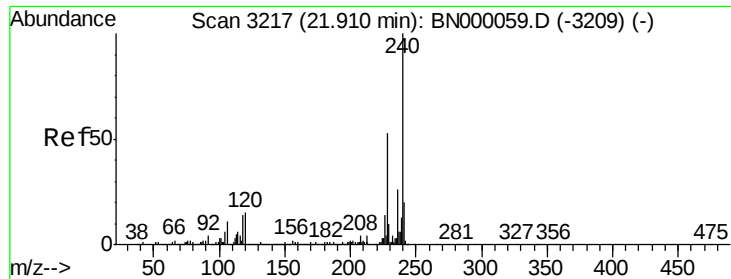


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3216

Delta R.T. -0.02 min

Lab File: BN000088.D

Acq: 15 Feb 2018 10:06

Instrument :

BNA_N

ClientSampleId :

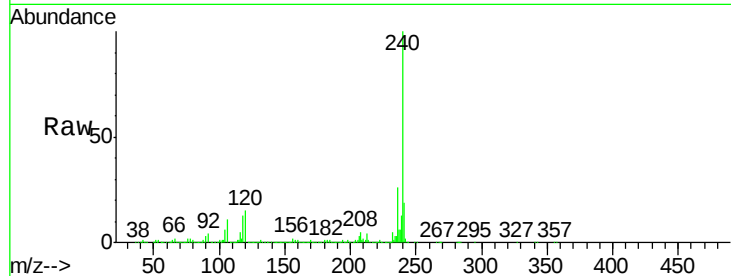
Tot Ion:240 Resp: 3568469

Ion Ratio Lower Upper

240 100

120 15.0 6.8 10.2#

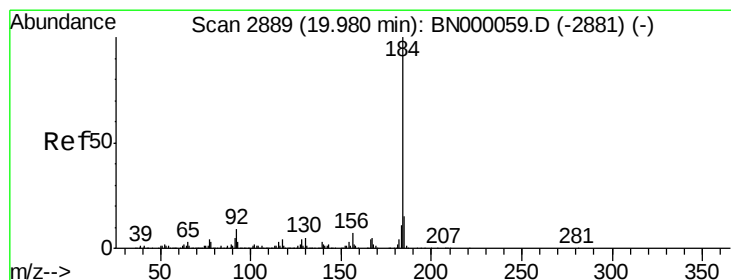
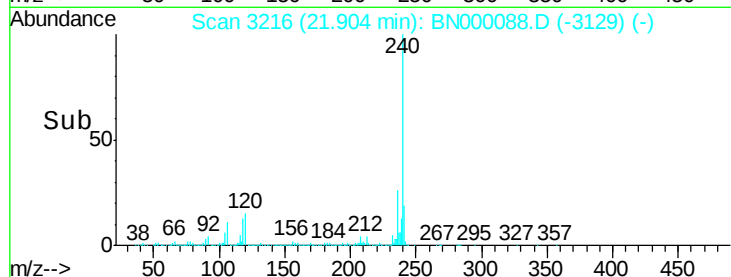
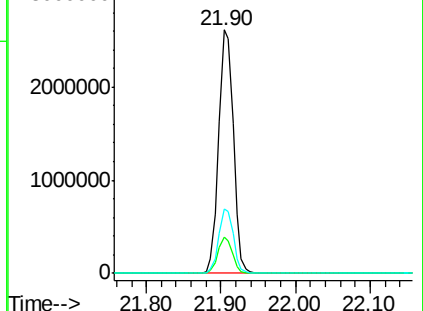
236 26.2 20.9 31.3



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



#76

Benzidine

Concen: 1.79 ng

RT: 20.35 min Scan# 2952

Delta R.T. 0.36 min

Lab File: BN000088.D

Acq: 15 Feb 2018 10:06

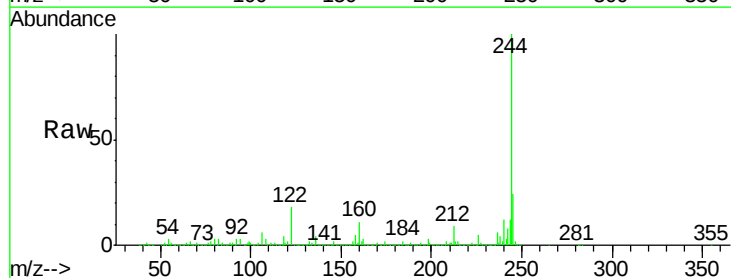
Tgt Ion:184 Resp: 203704

Ion Ratio Lower Upper

184 100

185 16.3 11.1 16.7

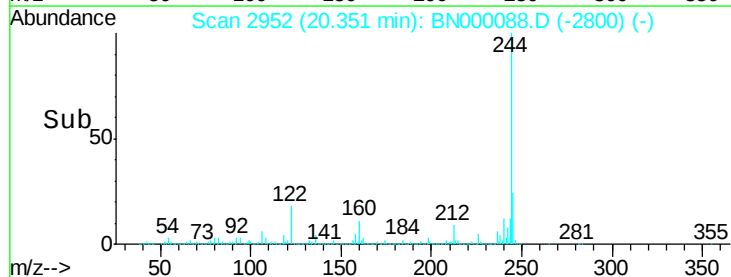
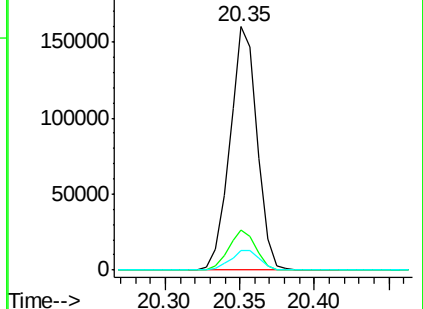
183 8.3 10.6 16.0#

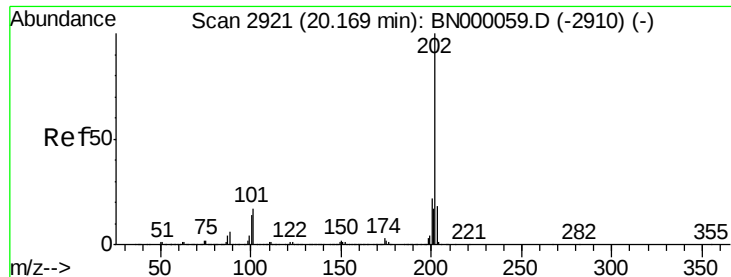


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

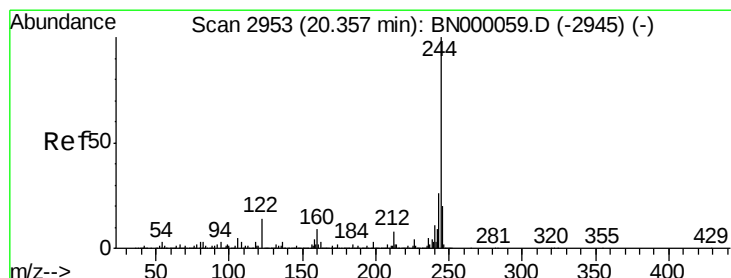
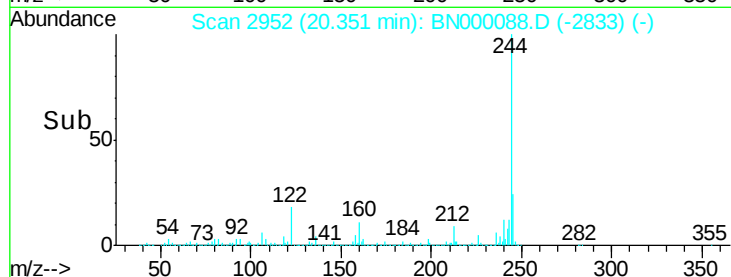
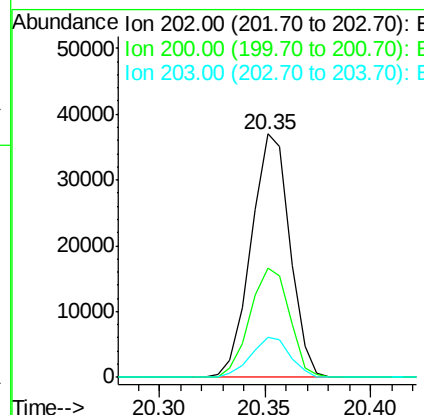
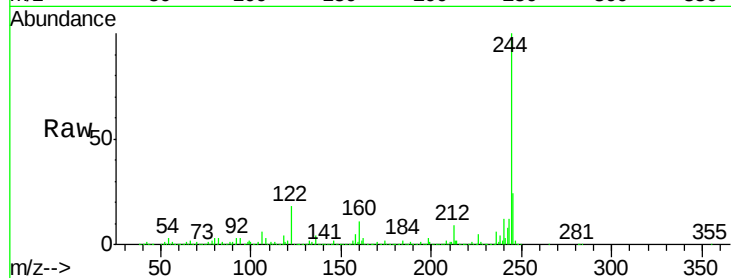




#77
Pvrene
Concen: 0.21 ng
RT: 20.35 min Scan# 2952
Delta R.T. 0.17 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

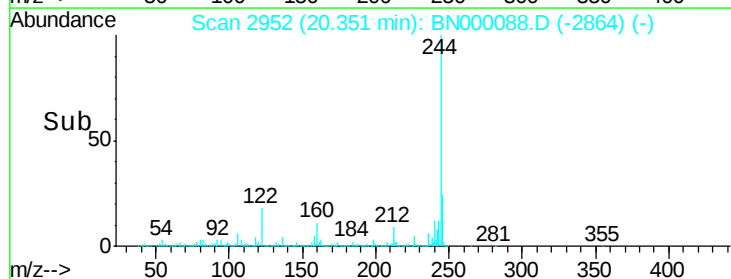
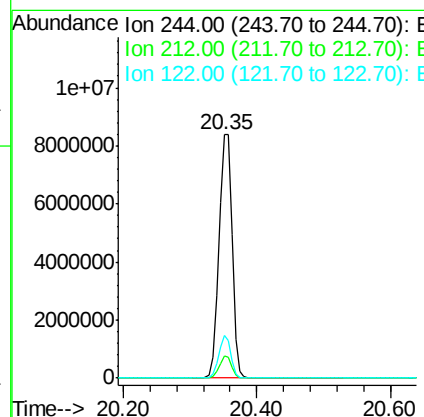
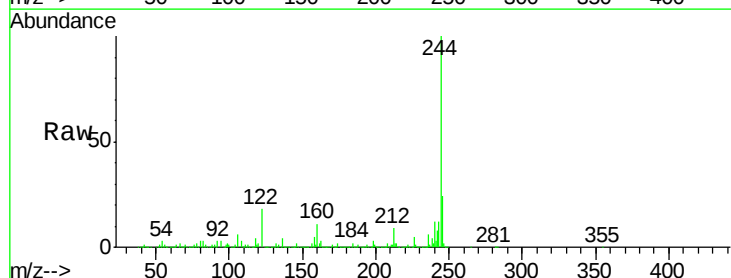
Instrument :
BNA_N
ClientSampled :

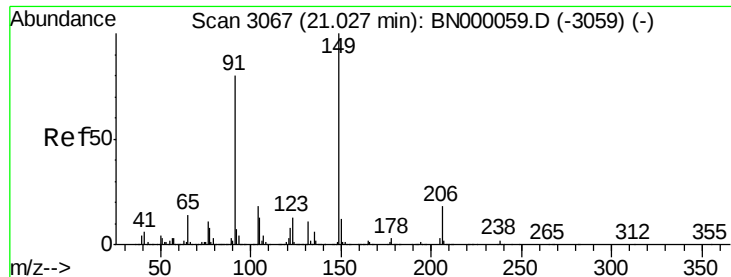
Tot Ion	Ratio	Lower	Upper
202	100		
200	45.0	16.9	25.3#
203	16.5	13.9	20.9



#78
Terphenyl-d14
Concen: 88.84 ng
RT: 20.35 min Scan# 2952
Delta R.T. -0.01 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	17.6	7.0	10.4#

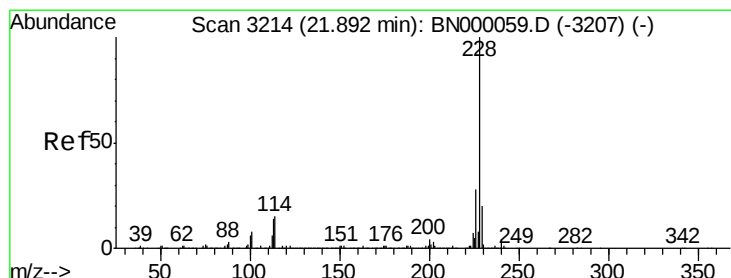
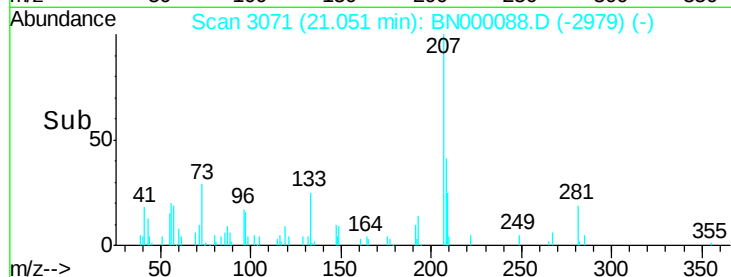
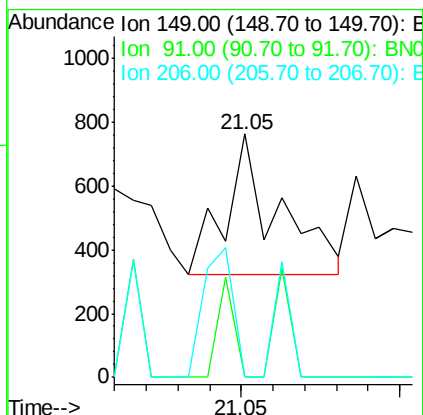
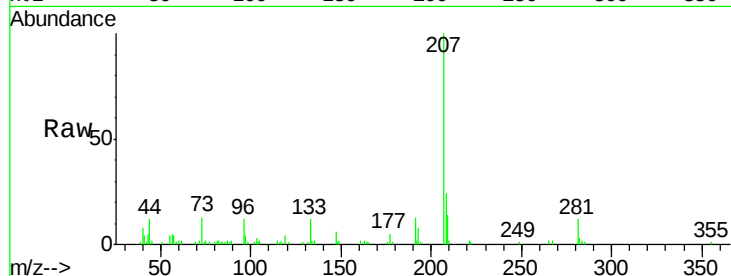




#79
Butylbenzylphthalate
Concen: 5.38 ng
RT: 21.05 min Scan# 3071
Delta R.T. 0.01 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

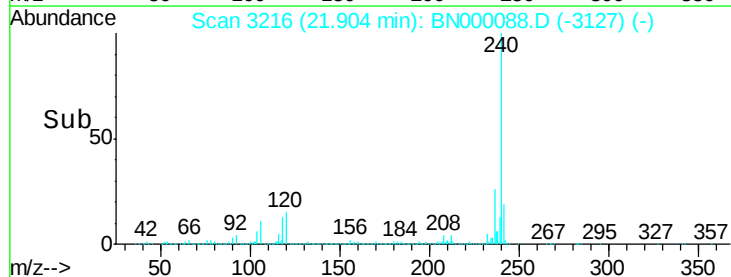
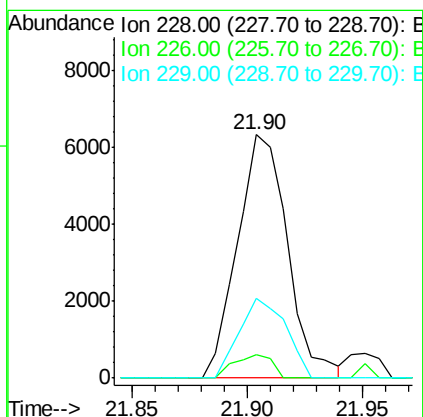
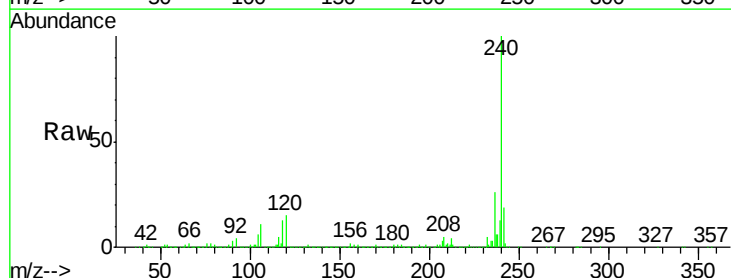
Instrument :
BNA_N
ClientSampled :

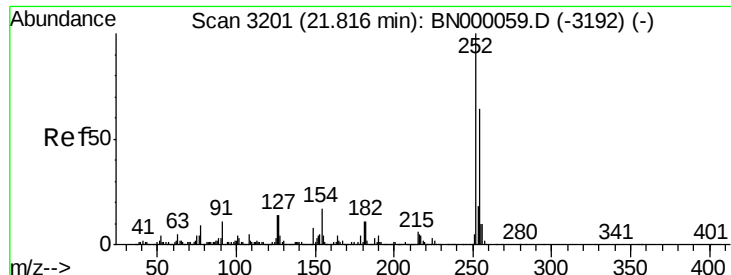
Tot Ion:149 Resp: 509
Ion Ratio Lower Upper
149 100
91 0.0 62.2 93.2#
206 0.0 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.90 min Scan# 3216
Delta R.T. -0.01 min
Lab File: BN000088.D
Acq: 15 Feb 2018 10:06

Tgt Ion:228 Resp: 9570
Ion Ratio Lower Upper
228 100
226 9.7 22.7 34.1#
229 32.9 16.2 24.2#

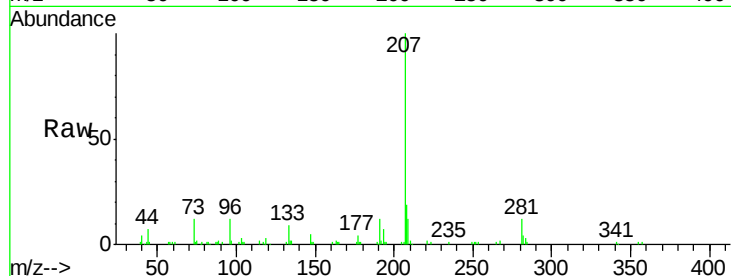




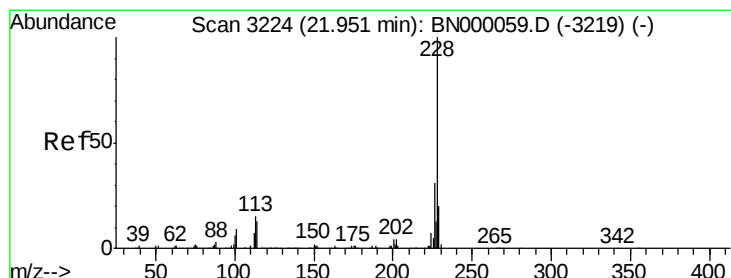
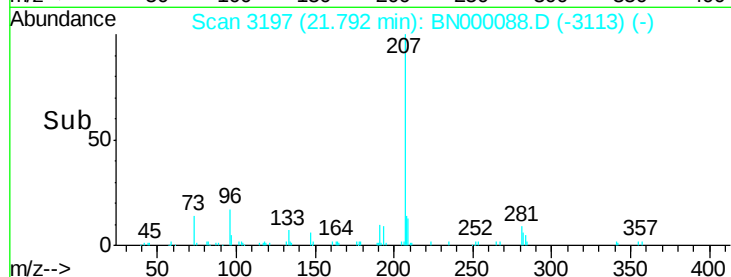
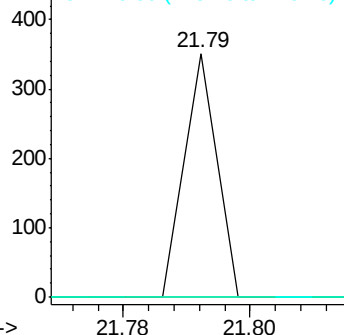
#81
 3,3'-Dichlorobenzidine
 Concen: 0.00 ng
 RT: 21.79 min Scan# 3197
 Delta R.T. -0.04 min
 Lab File: BN000088.D
 Acq: 15 Feb 2018 10:06

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:252 Resp: 124
 Ion Ratio Lower Upper
 252 100
 254 0.0 50.8 76.2#
 126 0.0 7.4 11.2#

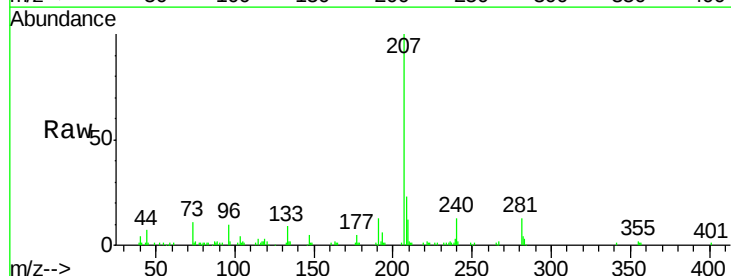


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

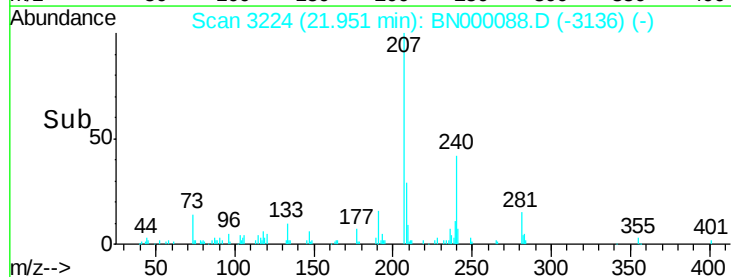
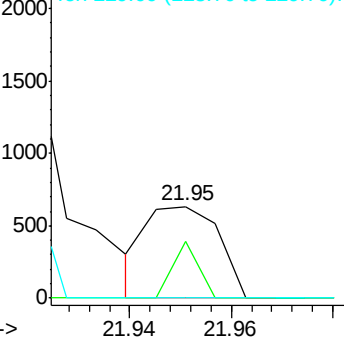


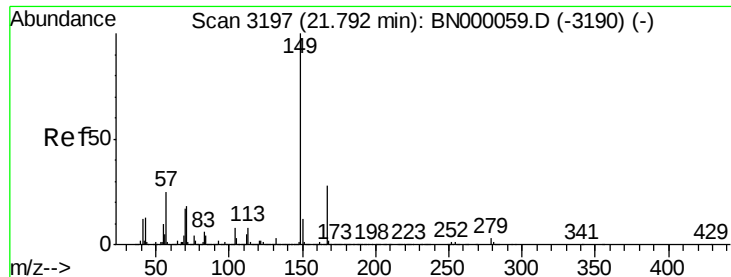
#82
 Chrysene
 Concen: 0.00 ng
 RT: 21.95 min Scan# 3224
 Delta R.T. -0.01 min
 Lab File: BN000088.D
 Acq: 15 Feb 2018 10:06

Tgt Ion:228 Resp: 622
 Ion Ratio Lower Upper
 228 100
 226 61.7 24.9 37.3#
 229 0.0 15.0 22.4#



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

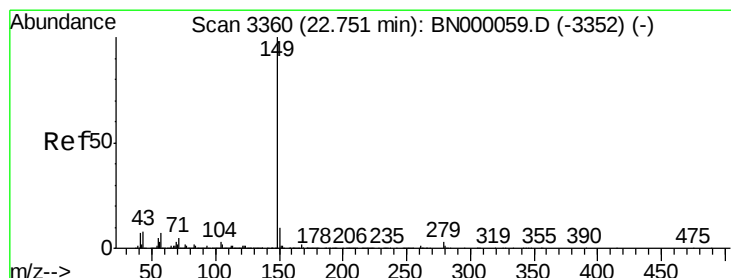
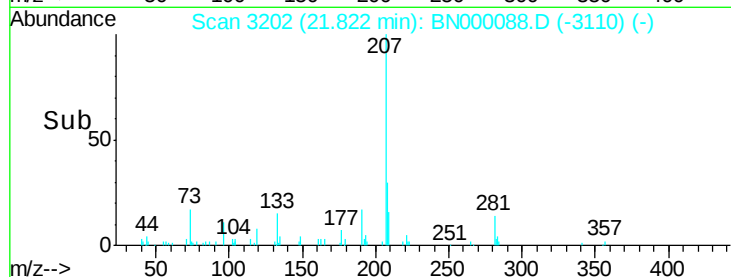
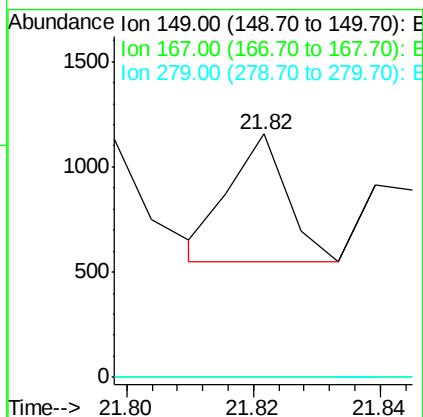
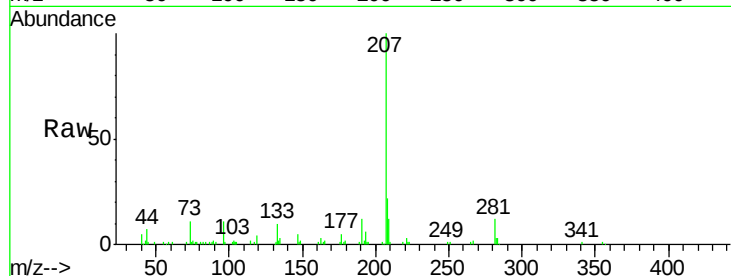




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.91 ng
 RT: 21.82 min Scan# 3202
 Delta R.T. 0.01 min
 Lab File: BN000088.D
 Acq: 15 Feb 2018 10:06

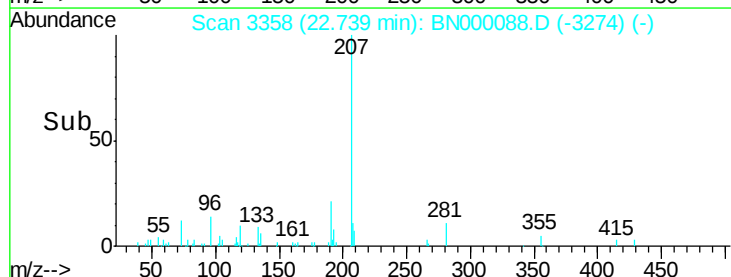
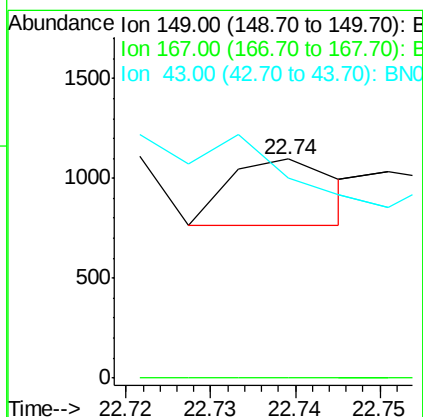
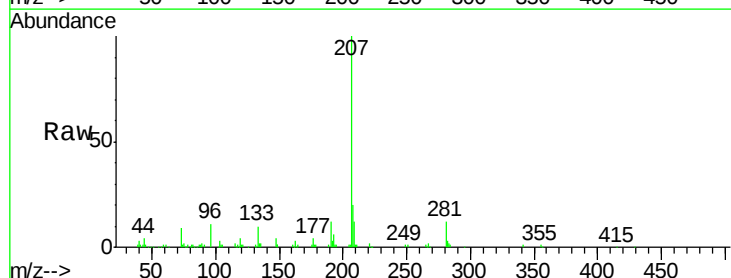
Instrument :
 BNA_N
 ClientSampled :

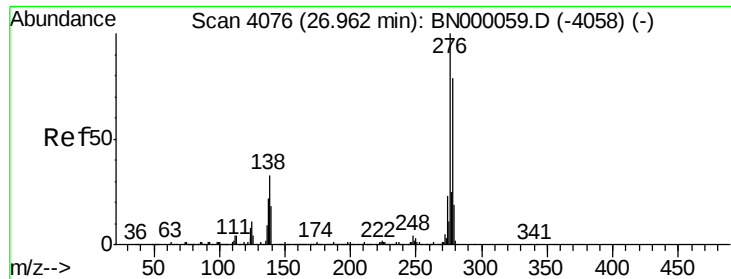
Tot Ion:149 Resp: 379
 Ion Ratio Lower Upper
 149 100
 167 0.0 24.3 36.5#
 279 0.0 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 6.73 ng
 RT: 22.74 min Scan# 3358
 Delta R.T. -0.03 min
 Lab File: BN000088.D
 Acq: 15 Feb 2018 10:06

Tgt Ion:149 Resp: 299
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.0#
 43 0.0 8.9 13.3#

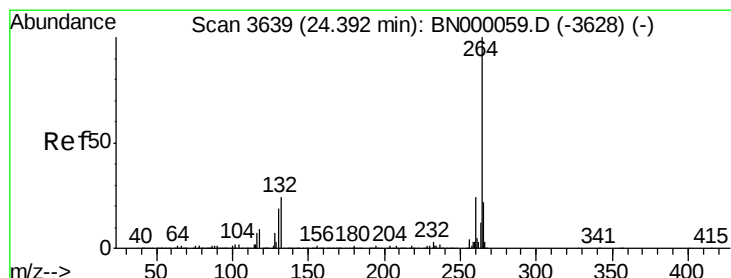
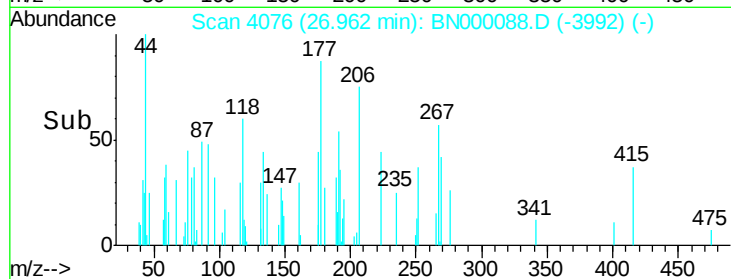
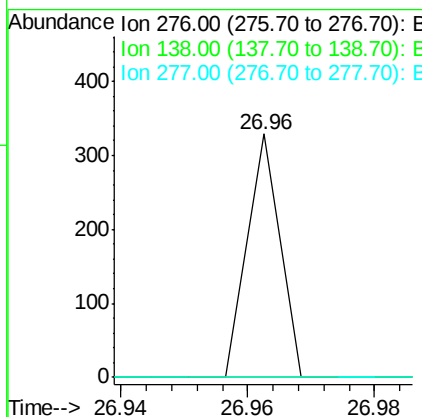
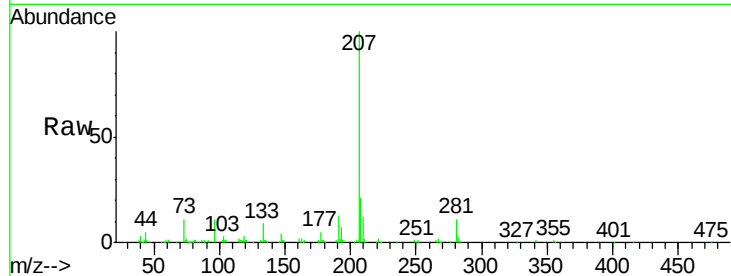




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.00 ng
 RT: 26.96 min Scan# 4076
 Delta R.T. -0.04 min
 Lab File: BN000088.D
 Acq: 15 Feb 2018 10:06

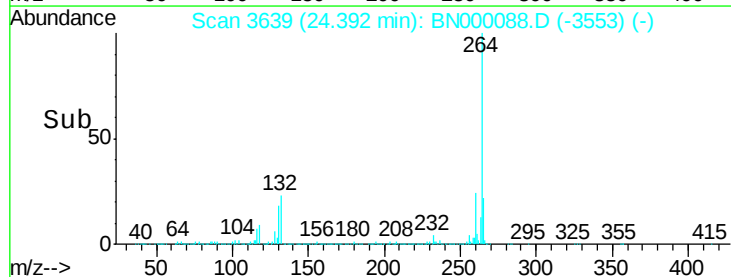
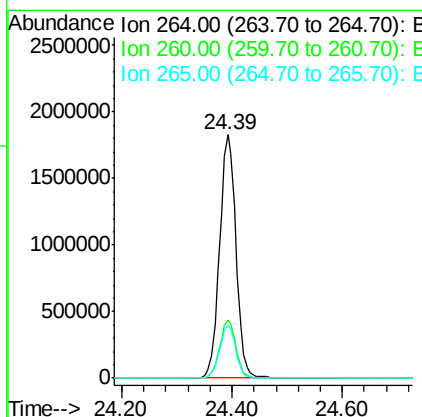
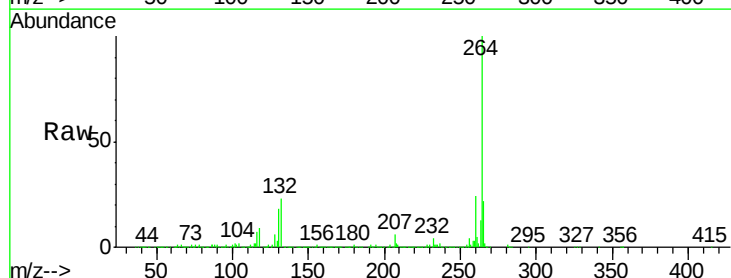
Instrument :
 BNA_N
 ClientSampled :

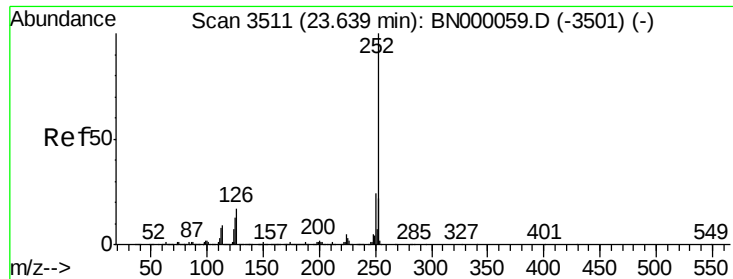
Tot Ion:276 Resp: 116
 Ion Ratio Lower Upper
 276 100
 138 0.0 16.0 24.0#
 277 0.0 20.0 30.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.39 min Scan# 3639
 Delta R.T. -0.02 min
 Lab File: BN000088.D
 Acq: 15 Feb 2018 10:06

Tgt Ion:264 Resp: 3807606
 Ion Ratio Lower Upper
 264 100
 260 23.9 17.4 26.0
 265 22.0 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 0.00 ng

RT: 23.63 min Scan# 3509

Delta R.T. -0.03 min

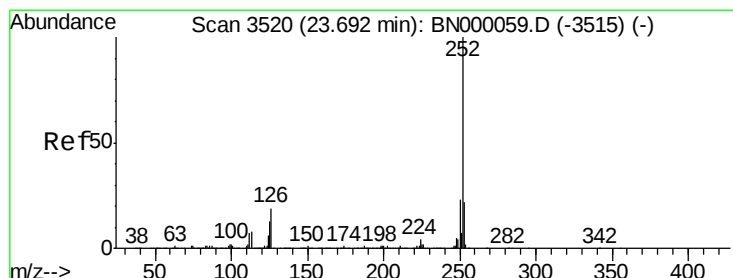
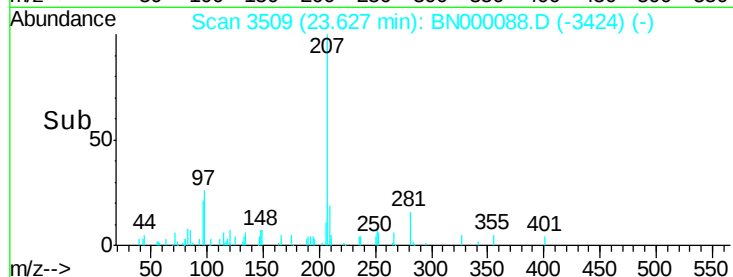
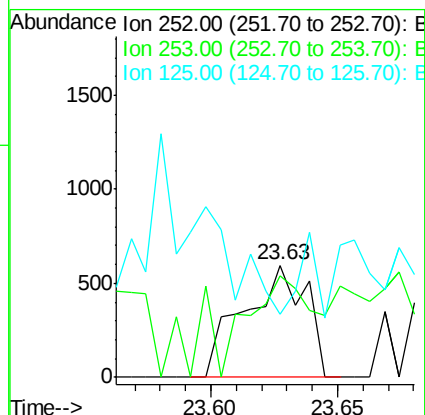
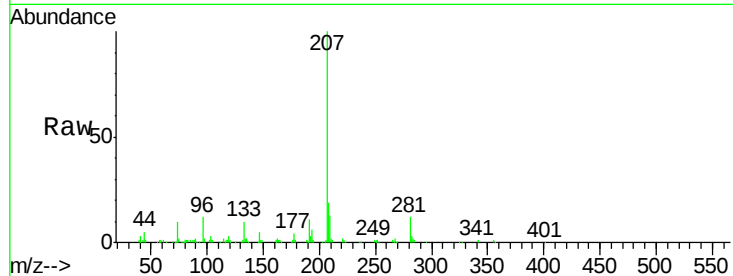
Lab File: BN000088.D

Acq: 15 Feb 2018 10:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 1019

Ion	Ratio	Lower	Upper
252	100		
253	90.9	18.2	27.4#
125	57.0	7.2	10.8#



#88

Benzo(k)fluoranthene

Concen: 0.00 ng

RT: 23.69 min Scan# 3519

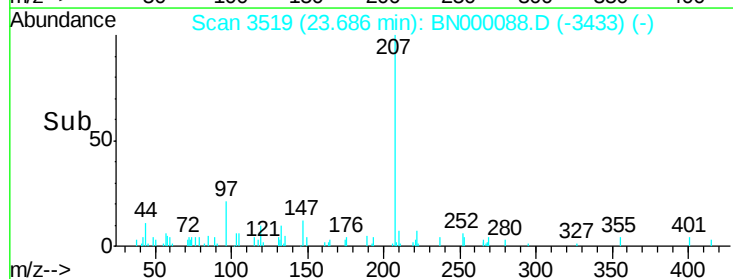
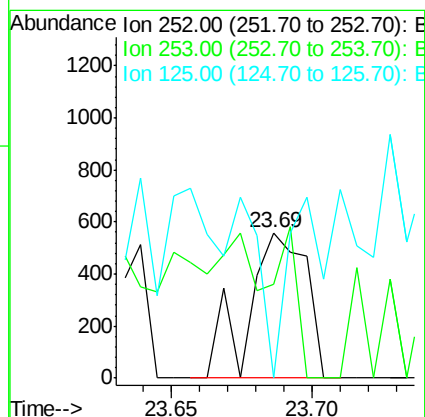
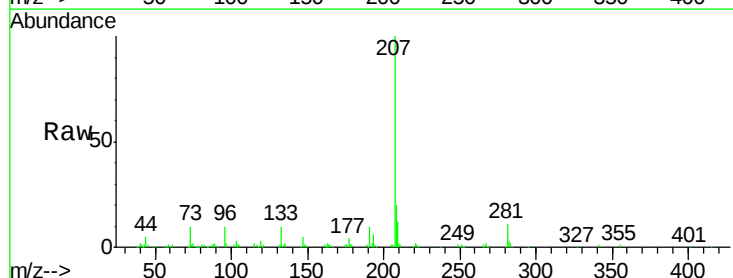
Delta R.T. -0.02 min

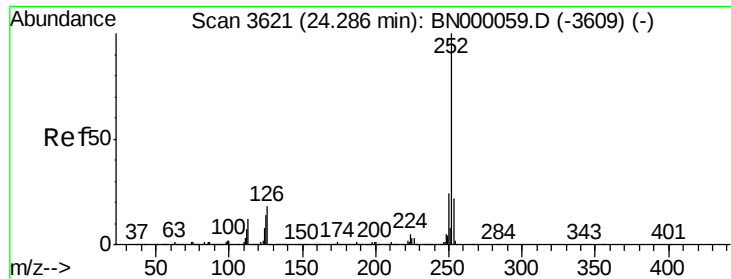
Lab File: BN000088.D

Acq: 15 Feb 2018 10:06

Tgt Ion:252 Resp: 795

Ion	Ratio	Lower	Upper
252	100		
253	65.1	17.4	26.2#
125	0.0	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 0.07 ng

RT: 24.40 min Scan# 3640

Delta R.T. 0.09 min

Lab File: BN000088.D

Acq: 15 Feb 2018 10:06

Instrument :

BNA_N

ClientSampleId :

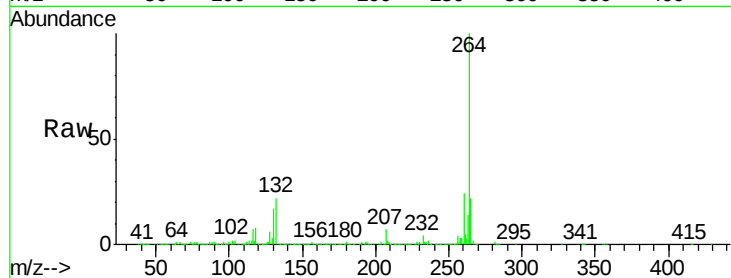
Tot Ion:252 Resp: 14888

Ion Ratio Lower Upper

252 100

253 31.6 18.3 27.5#

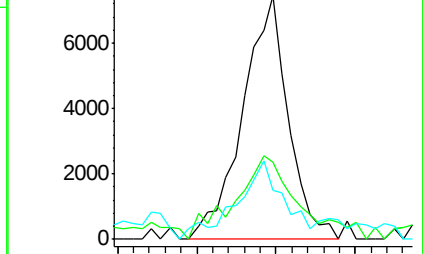
125 20.1 7.3 10.9#



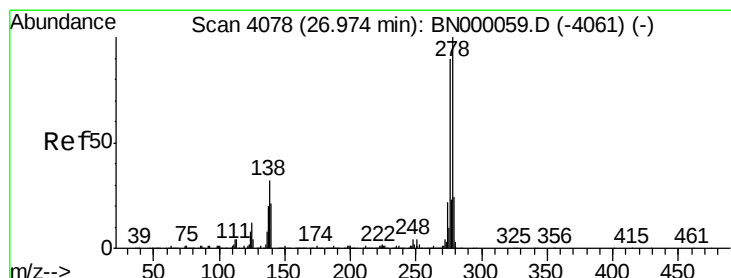
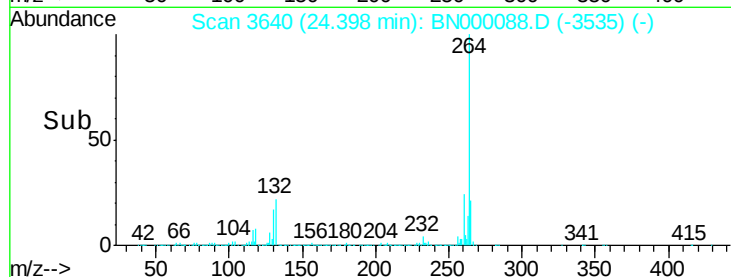
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 24.30 24.35 24.40 24.45



#90

Dibenzo(a,h)anthracene

Concen: 0.00 ng

RT: 26.95 min Scan# 4074

Delta R.T. -0.06 min

Lab File: BN000088.D

Acq: 15 Feb 2018 10:06

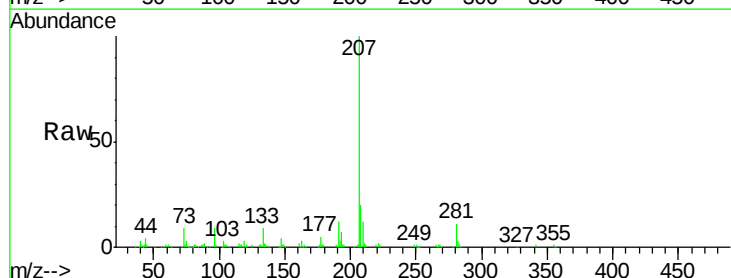
Tgt Ion:278 Resp: 110

Ion Ratio Lower Upper

278 100

139 0.0 9.8 14.6#

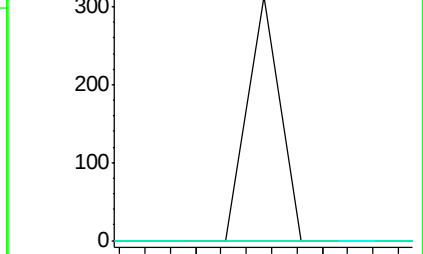
279 0.0 18.4 27.6#



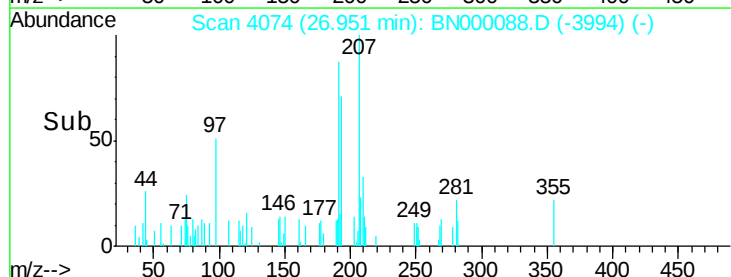
Abundance Ion 278.00 (277.70 to 278.70): E

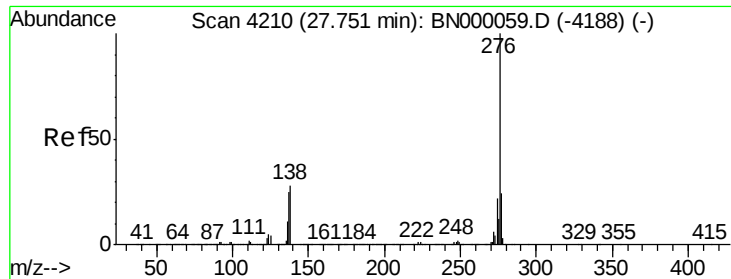
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 26.94 26.96





#91
 Benzo(a,h,i)perylene
 Concen: 0.00 ng
 RT: 27.72 min Scan# 4204
 Delta R.T. -0.07 min
 Lab File: BN000088.D
 Acq: 15 Feb 2018 10:06

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.3	27.5#
138	0.0	13.9	20.9#

