

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
 Data File : BN000043.D
 Acq On : 07 Feb 2018 19:49
 Operator : JU/SJ
 Sample : PB106327BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 08 04:25:06 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	8.47	152	341352	20.00	ng	0.00
21) Naphthalene-d8	11.31	136	1625206	20.00	ng	0.00
38) Acenaphthene-d10	15.08	164	1000460	20.00	ng	0.00
63) Phenanthrene-d10	17.80	188	2413565	20.00	ng	0.00
75) Chrysene-d12	21.92	240	2608033	20.00	ng	0.00
86) Perylene-d12	24.42	264	2790940	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.95	112	1300395	62.09	ng	0.00
7) Phenol-d6	7.59	99	1968136	62.03	ng	0.00
23) Nitrobenzene-d5	9.65	82	1009103	36.92	ng	0.00
41) 2,4,6-Tribromophenol	16.54	330	456455	46.09	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	3047382	42.93	ng	0.00
78) Terphenyl-d14	20.36	244	4766539	49.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.68	88	1106	0.13	ng	# 79
3) Pyridine	4.12	79	371	0.01	ng	# 1
4) n-Nitrosodimethylamine	4.00	42	291	0.04	ng	# 1
6) Aniline	7.60	93	147	0.00	ng	# 1
8) 2-Chlorophenol	8.00	128	301	0.01	ng	# 1
9) Benzaldehyde	7.59	77	3797	0.19	ng	# 5
10) Phenol	7.62	94	7548	0.23	ng	# 58
11) bis(2-Chloroethyl)ether	7.99	93	2249	0.08	ng	# 1
15) Benzyl Alcohol	8.80	79	19186	0.84	ng	# 41
17) 2-Methylphenol	8.70	107	232	0.01	ng	# 1
19) n-Nitroso-di-n-propylamine	9.65	70	126398	5.95	ng	# 72
22) Acetophenone	9.29	105	575	0.01	ng	# 50
24) Nitrobenzene	9.72	77	228	0.01	ng	# 42
25) Isophorone	10.23	82	216	0.00	ng	# 69
31) Naphthalene	11.36	128	248	0.00	ng	# 68
45) 1,1'-Biphenyl	13.92	154	6952	0.08	ng	# 91
47) 2-Nitroaniline	14.51	65	1734	4.96	ng	# 1
49) Dimethylphthalate	14.52	163	170651	2.04	ng	# 98
50) 2,6-Dinitrotoluene	15.08	165	128475	7.44	ng	# 21
51) Acenaphthene	15.08	154	3811	0.05	ng	# 13
56) 2,4-Dinitrotoluene	15.08	165	128475	8.93	ng	# 19
57) Fluorene	16.54	166	28797	0.36	ng	# 92
59) Diethylphthalate	15.86	149	2053	0.02	ng	# 91
62) Azobenzene	16.40	77	1503	0.02	ng	# 34
64) 4,6-Dinitro-2-methylphenol	16.54	198	1895	8.84	ng	# 1
65) n-Nitrosodiphenylamine	16.54	169	19632	0.25	ng	# 42
66) 4-Bromophenyl-phenylether	16.54	248	33348	1.45	ng	# 1
70) Phenanthrene	17.84	178	1964	0.01	ng	# 60
71) Anthracene	17.94	178	110	0.00	ng	# 59
72) Carbazole	18.19	167	120	0.00	ng	# 59
73) Di-n-butylphthalate	18.72	149	1867	0.01	ng	# 67
74) Fluoranthene	19.82	202	706	0.00	ng	# 65
76) Benzidine	20.36	184	78118	0.94	ng	# 89
77) Pyrene	20.17	202	705	0.00	ng	# 57

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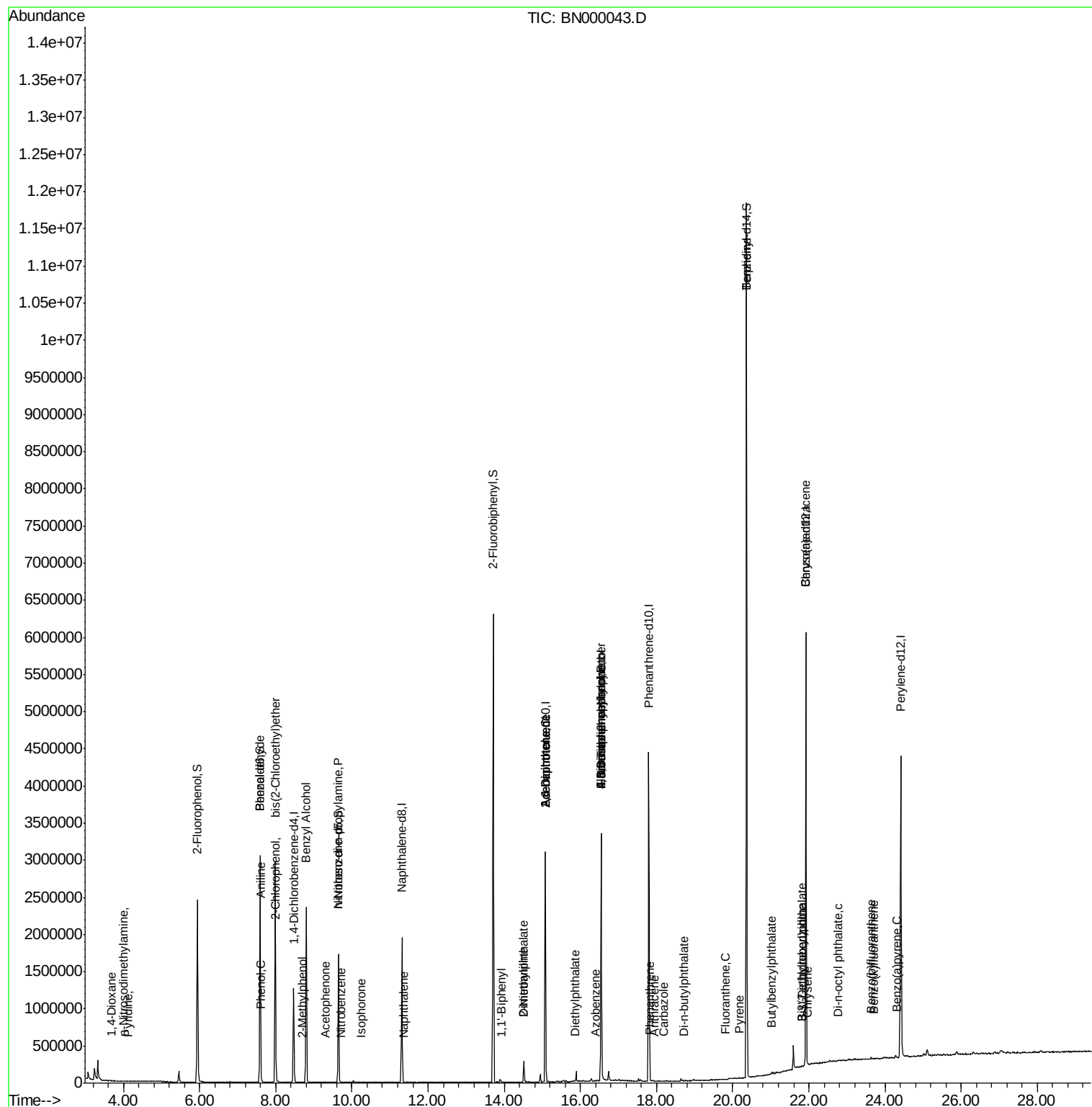
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Butylbenzylphthalate	21.03	149	341	5.38	nq	# 78
80) Benzo(a)anthracene	21.92	228	6867	0.04	nq	# 74
81) 3,3'-Dichlorobenzidine	21.83	252	284	0.00	nq	# 26
82) Chrysene	21.96	228	465	0.00	nq	# 49
83) Bis(2-ethylhexyl)phthalate	21.80	149	3407	2.93	nq	# 80
84) Di-n-octyl phthalate	22.76	149	315	6.73	nq	# 1
87) Benzo(b)fluoranthene	23.64	252	448	0.00	nq	# 1
88) Benzo(k)fluoranthene	23.70	252	362	0.00	nq	# 1
89) Benzo(a)pyrene	24.30	252	338	0.00	nq	# 1

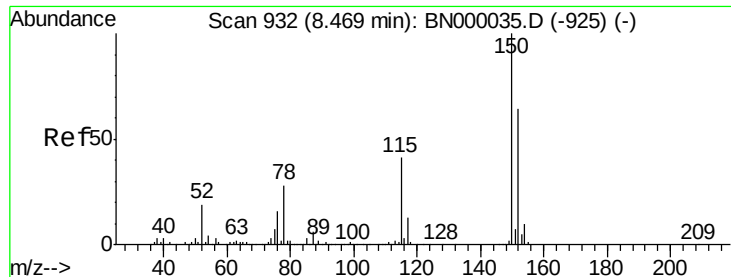
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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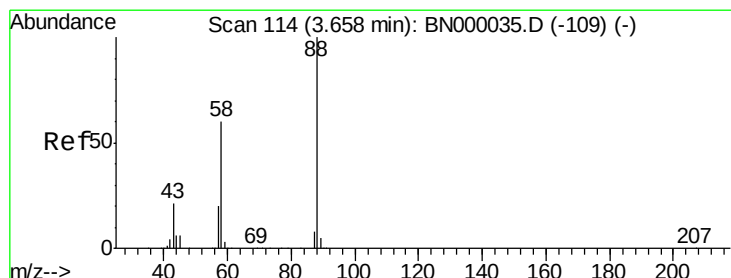
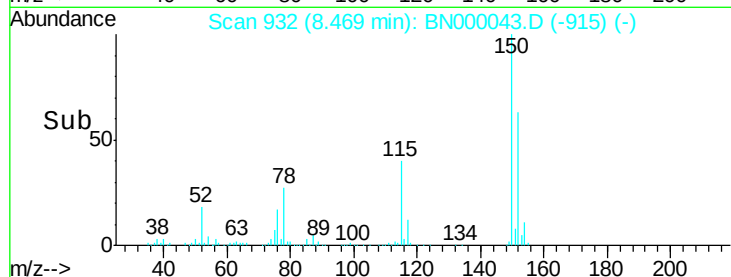
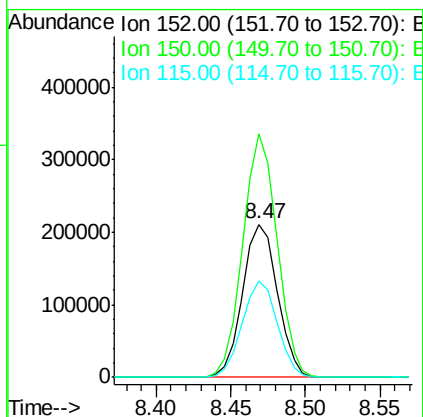
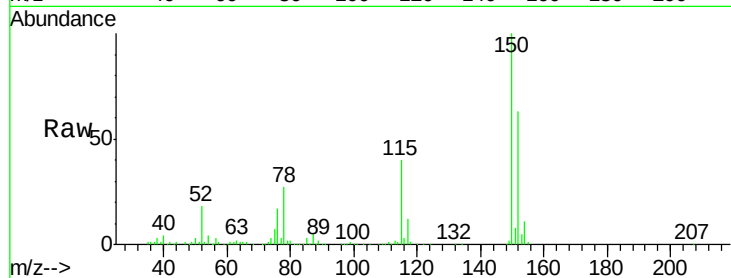


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.00 min
Lab File: BN000043.D
Acq: 07 Feb 2018 19:49

Instrument :
BNA_N
ClientSampled :

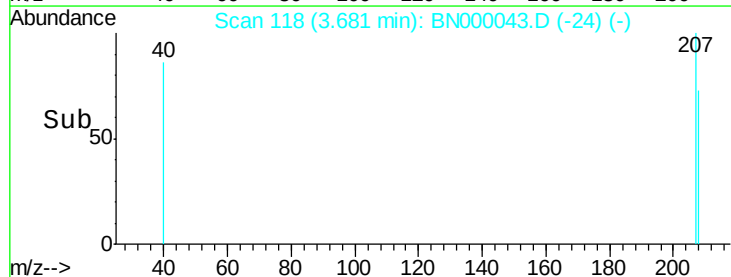
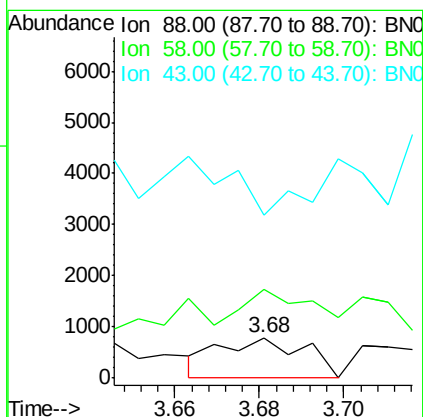
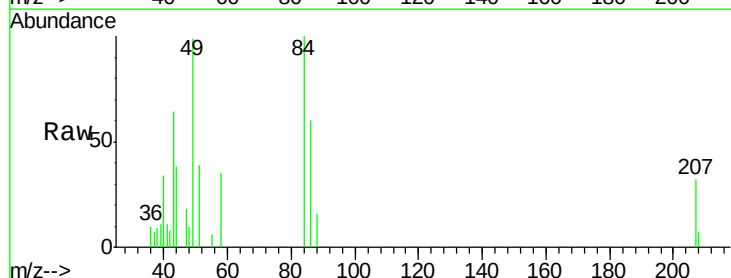
Tot Ion:152 Resp: 341352
Ion Ratio Lower Upper
152 100
150 159.0 126.6 189.8
115 62.9 53.0 79.4

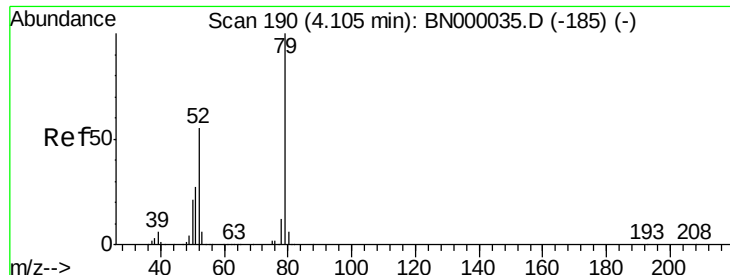


#2

1,4-Dioxane
Concen: 0.13 ng
RT: 3.68 min Scan# 118
Delta R.T. 0.02 min
Lab File: BN000043.D
Acq: 07 Feb 2018 19:49

Tgt Ion: 88 Resp: 1106
Ion Ratio Lower Upper
88 100
58 72.8 52.0 78.0
43 0.0 20.0 30.0#





#3

Pvridine

Concen: 0.01 ng

RT: 4.12 min Scan# 192

Delta R.T. 0.01 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

Instrument :

BNA_N

ClientSampled :

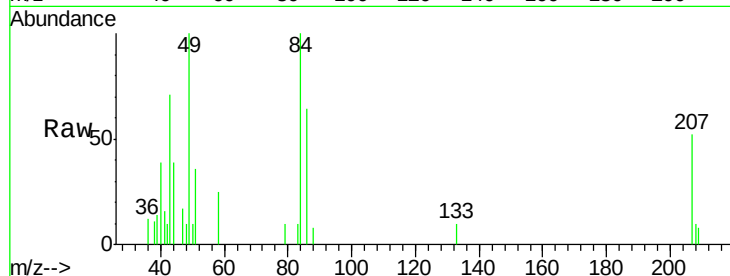
Tot Ion: 79 Resp: 371

Ion Ratio Lower Upper

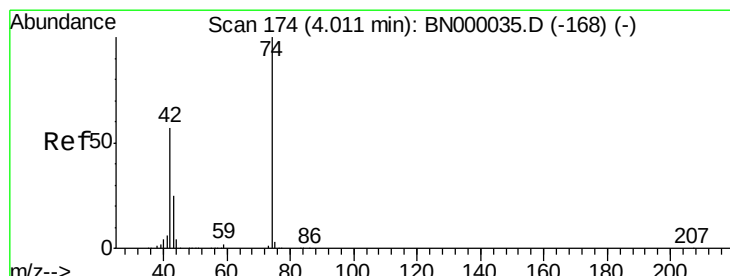
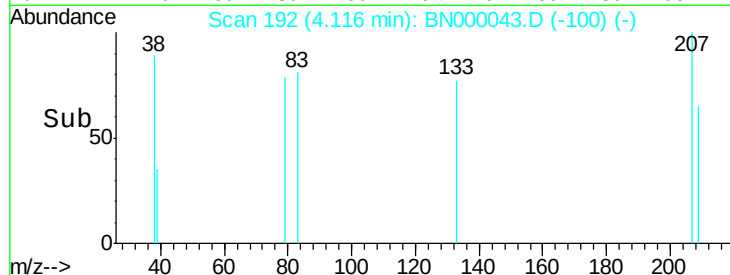
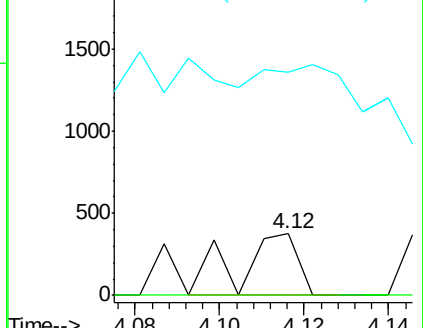
79 100

52 0.0 44.0 66.0#

51 363.1 24.0 36.0#



Abundance Ion 79.00 (78.70 to 79.70): BN0
Ion 52.00 (51.70 to 52.70): BN0
Ion 51.00 (50.70 to 51.70): BN0



#4

n-Nitrosodimethylamine

Concen: 0.04 ng

RT: 4.00 min Scan# 173

Delta R.T. -0.01 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

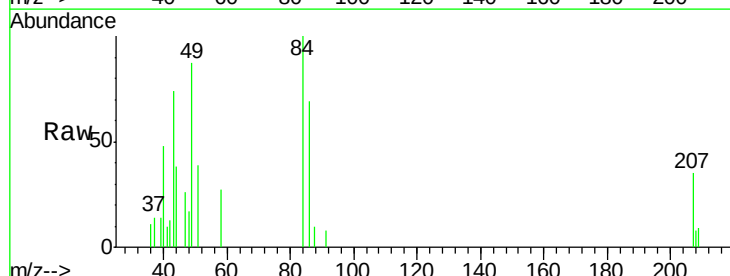
Tgt Ion: 42 Resp: 291

Ion Ratio Lower Upper

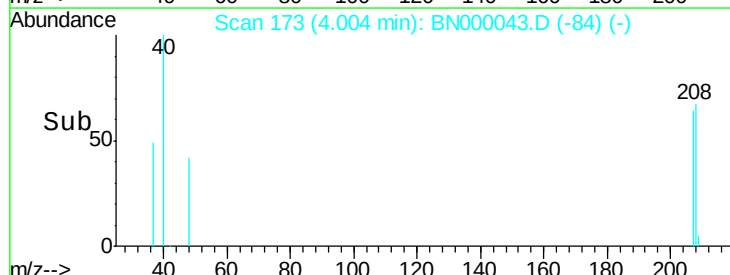
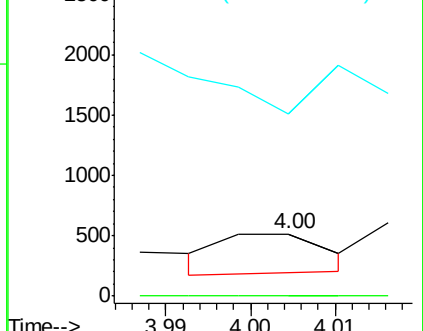
42 100

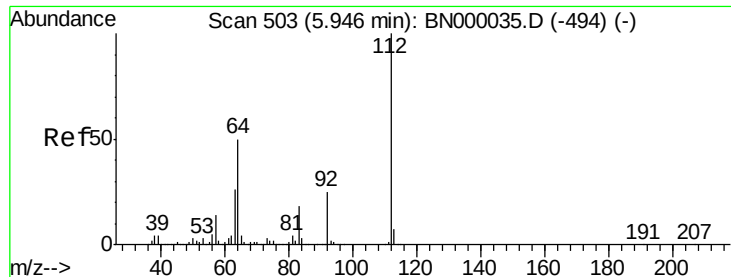
74 0.0 128.0 192.0#

44 292.5 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0





#5

2-Fluorophenol

Concen: 62.09 ng

RT: 5.95 min Scan# 503

Delta R.T. -0.00 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

Instrument :

BNA_N

ClientSampleId :

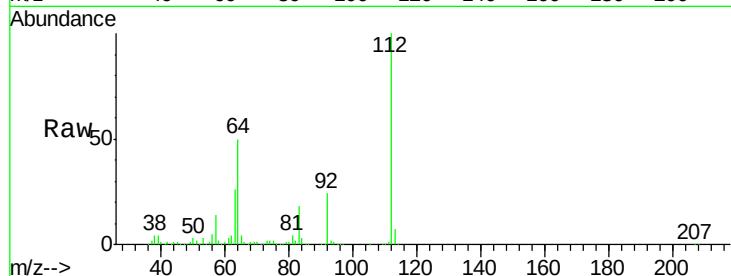
Tot Ion:112 Resp: 1300395

Ion Ratio Lower Upper

112 100

64 50.3 56.3 84.5#

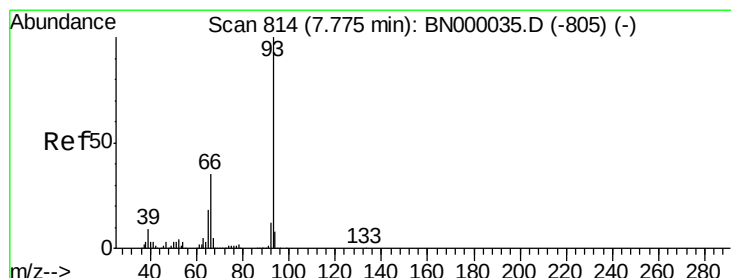
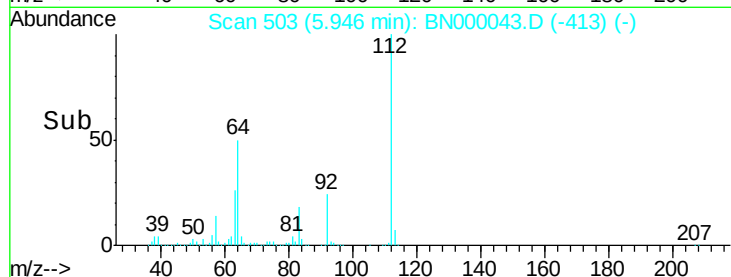
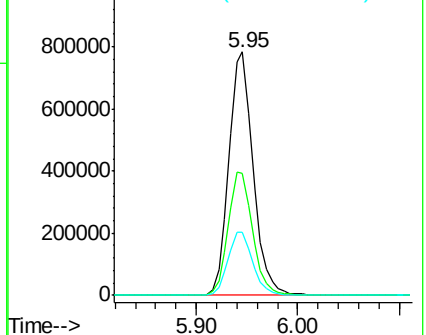
63 26.0 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#6

Aniline

Concen: 0.00 ng

RT: 7.60 min Scan# 785

Delta R.T. -0.17 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

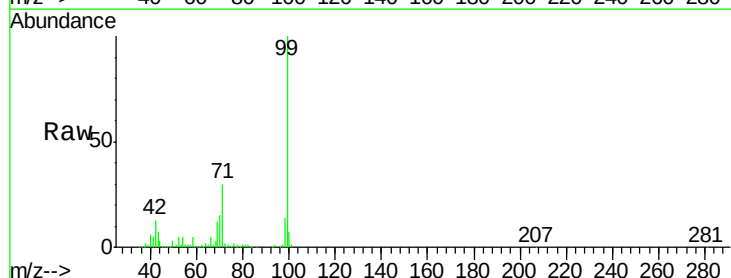
Tgt Ion: 93 Resp: 147

Ion Ratio Lower Upper

93 100

66 4190.4 33.7 50.5#

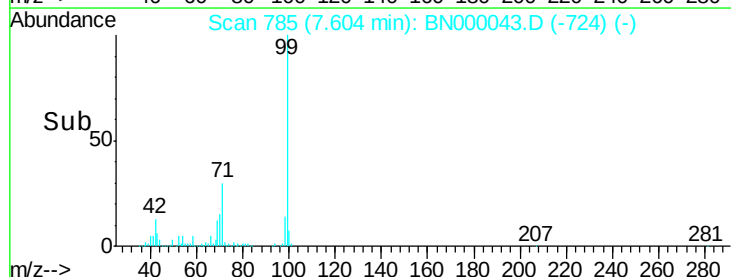
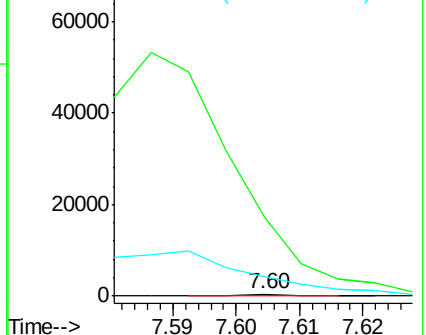
65 1009.6 16.1 24.1#

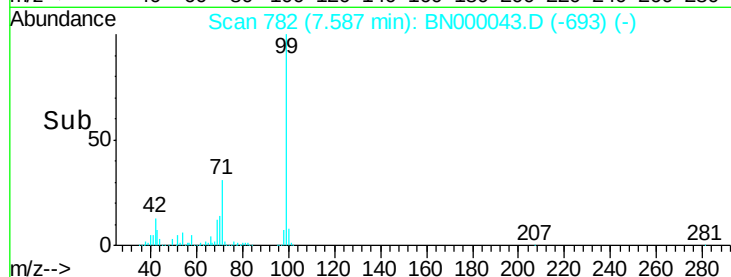
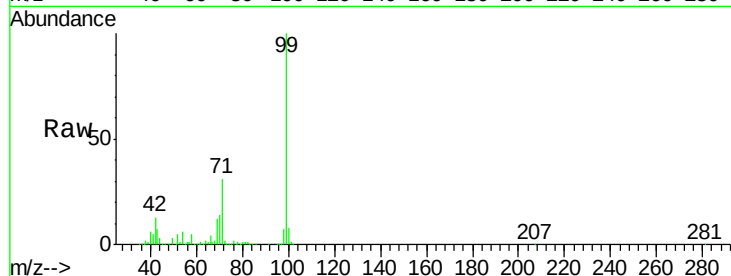
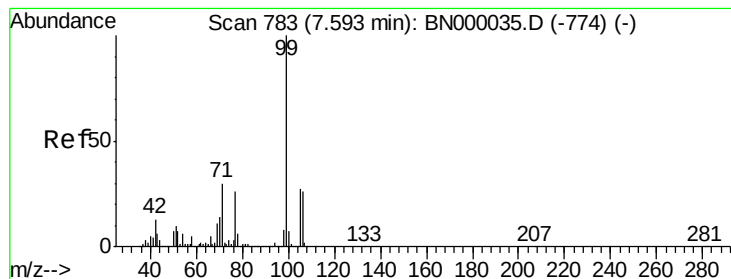


Abundance Ion 93.00 (92.70 to 93.70): BNO

Ion 66.00 (65.70 to 66.70): BNO

Ion 65.00 (64.70 to 65.70): BNO





#7

Phenol-d6

Concen: 62.03 ng

RT: 7.59 min Scan# 782

Delta R.T. -0.01 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

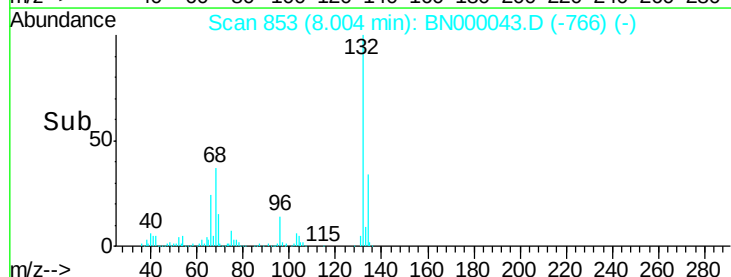
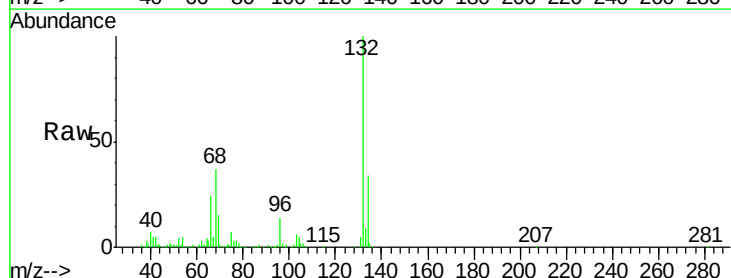
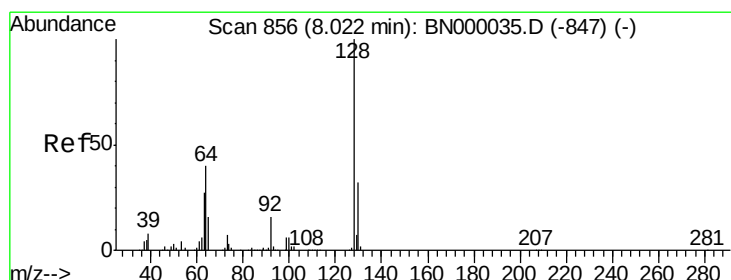
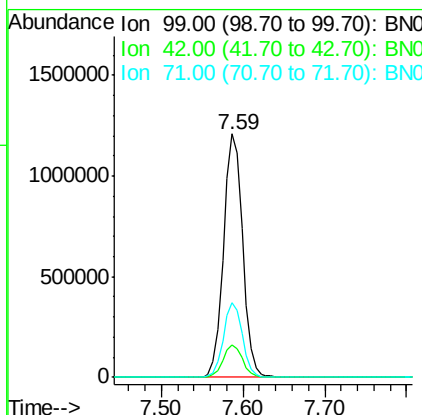
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 99 Resp: 1968136

Ion	Ratio	Lower	Upper
99	100		
42	13.2	14.1	21.1#
71	30.5	26.1	39.1



#8

2-Chlorophenol

Concen: 0.01 ng

RT: 8.00 min Scan# 853

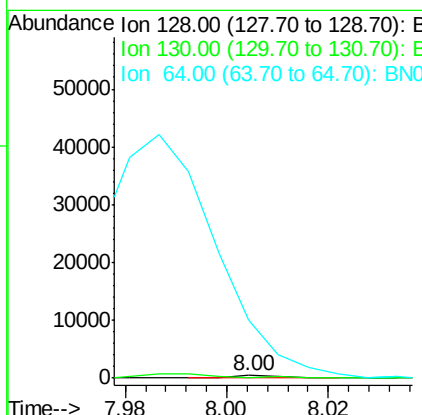
Delta R.T. -0.02 min

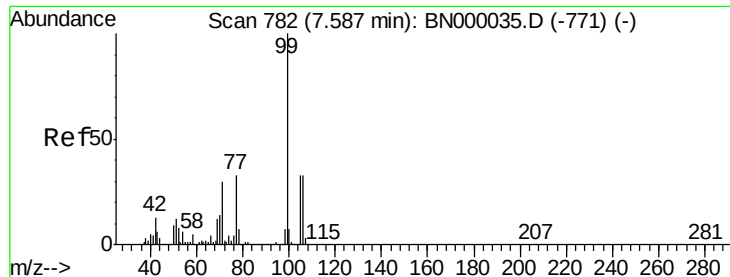
Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

Tgt Ion: 128 Resp: 301

Ion	Ratio	Lower	Upper
128	100		
130	0.0	14.0	54.0#
64	2171.9	37.7	77.7#





#9

Benzaldehyde

Concen: 0.19 ng

RT: 7.59 min Scan# 782

Delta R.T. -0.00 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

Instrument :

BNA_N

ClientSampleId :

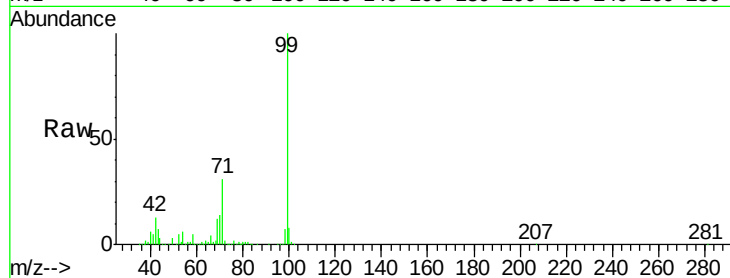
Tot Ion: 77 Resp: 3797

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

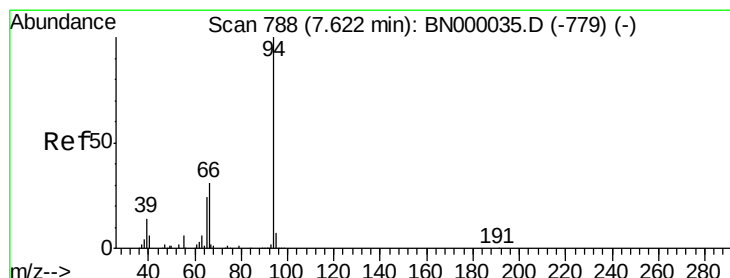
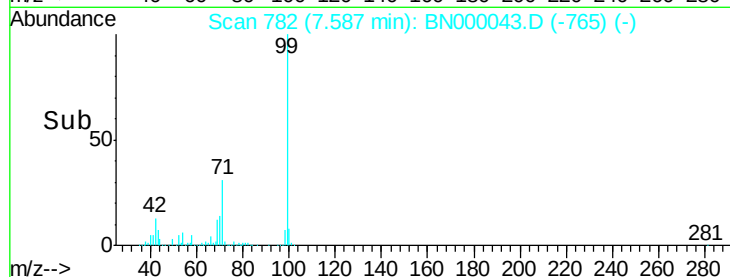
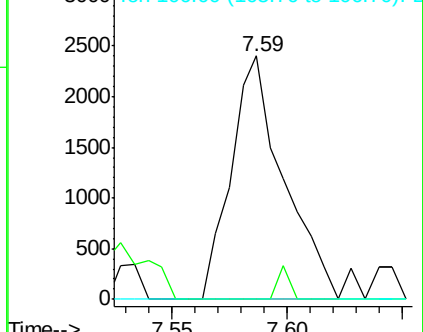
106 0.0 64.2 104.2#



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: 0.23 ng

RT: 7.62 min Scan# 787

Delta R.T. -0.01 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

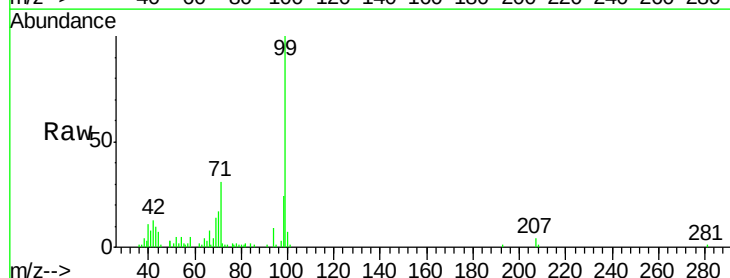
Tgt Ion: 94 Resp: 7548

Ion Ratio Lower Upper

94 100

65 35.7 11.9 51.9

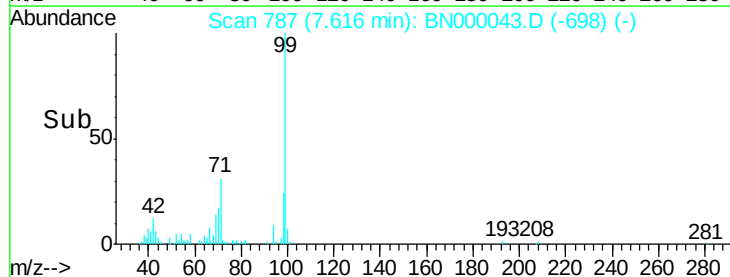
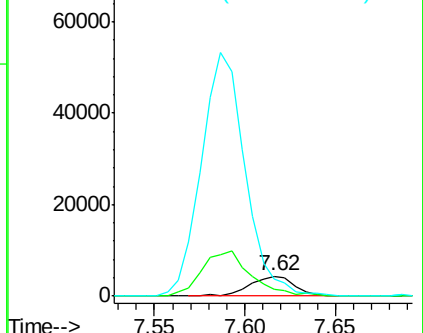
66 85.2 22.2 62.2#

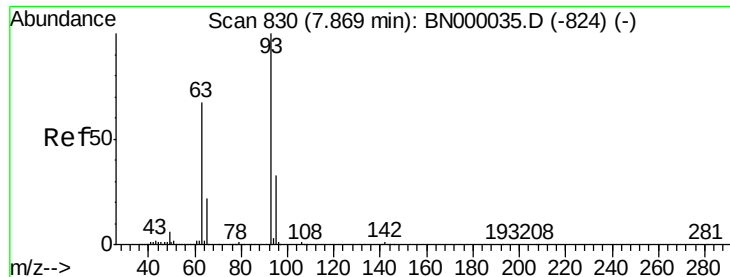


Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0

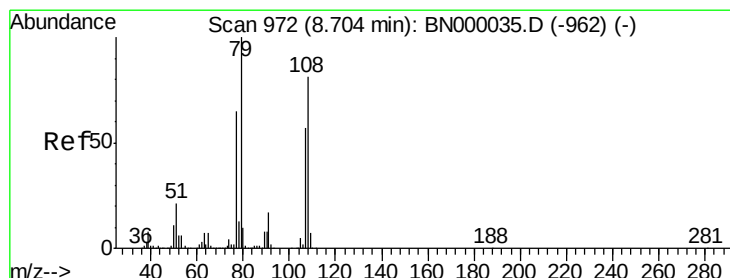
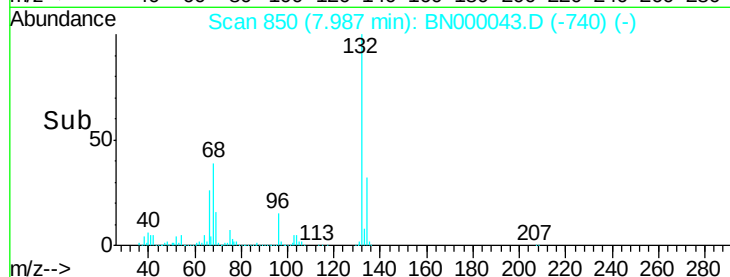
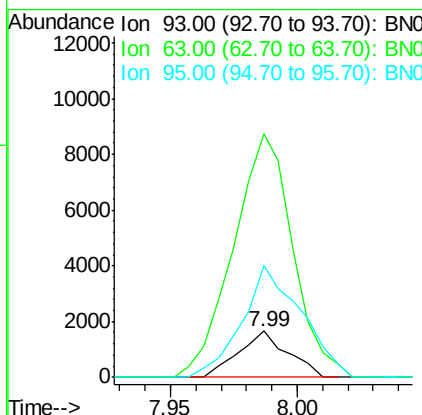
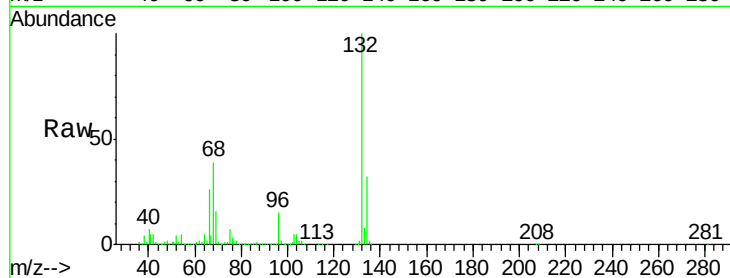




#11
bis(2-Chloroethyl)ether
Concen: 0.08 ng
RT: 7.99 min Scan# 850
Delta R.T. 0.12 min
Lab File: BN000043.D
Acq: 07 Feb 2018 19:49

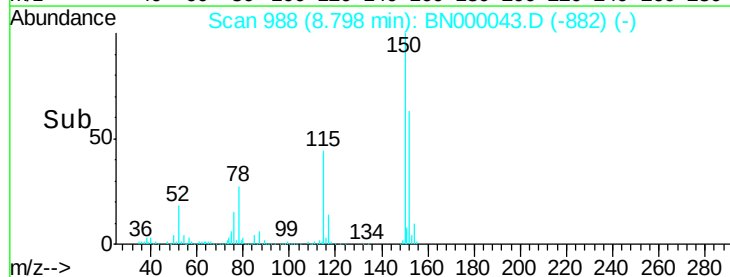
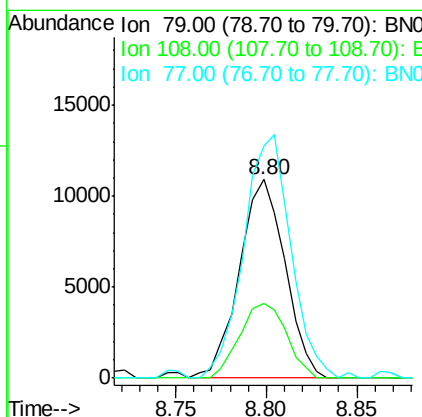
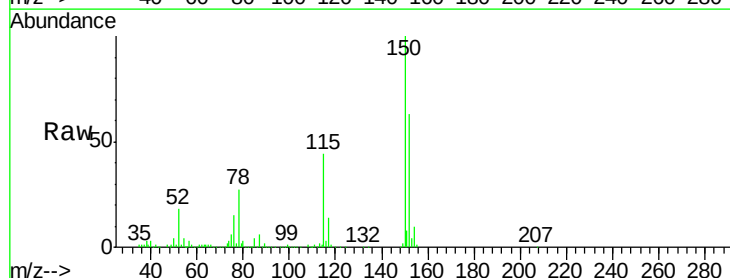
Instrument :
BNA_N
ClientSampleId :

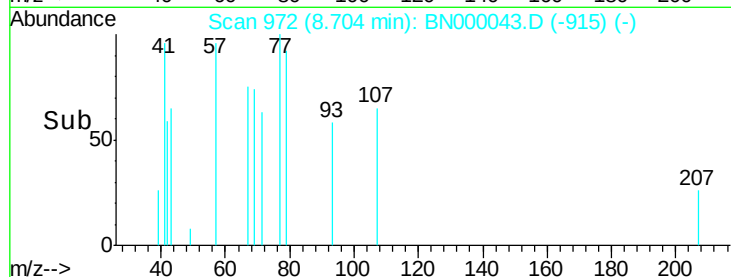
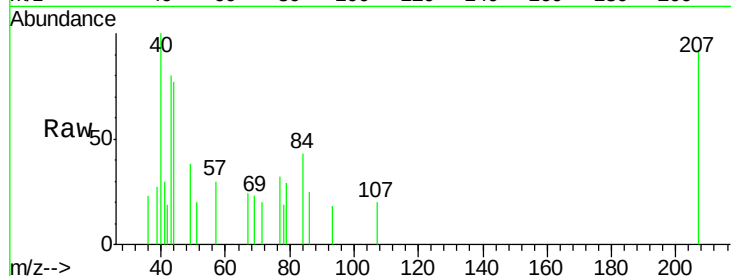
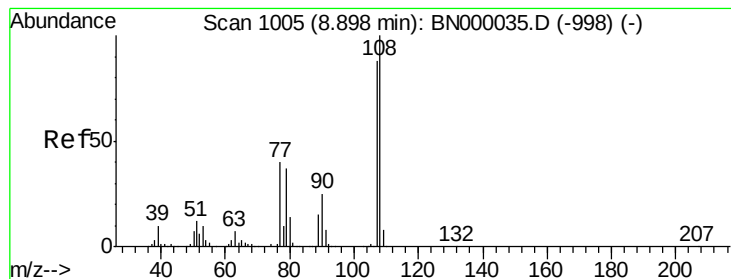
Tot Ion: 93 Resp: 2249
Ion Ratio Lower Upper
93 100
63 528.5 67.1 107.1#
95 243.6 11.5 51.5#



#15
Benzyl Alcohol
Concen: 0.84 ng
RT: 8.80 min Scan# 988
Delta R.T. 0.09 min
Lab File: BN000043.D
Acq: 07 Feb 2018 19:49

Tgt Ion: 79 Resp: 19186
Ion Ratio Lower Upper
79 100
108 37.6 57.2 85.8#
77 117.2 46.1 69.1#





#17

2-Methylphenol

Concen: 0.01 ng

RT: 8.70 min Scan# 972

Delta R.T. -0.19 min

Lab File: BN000043.D

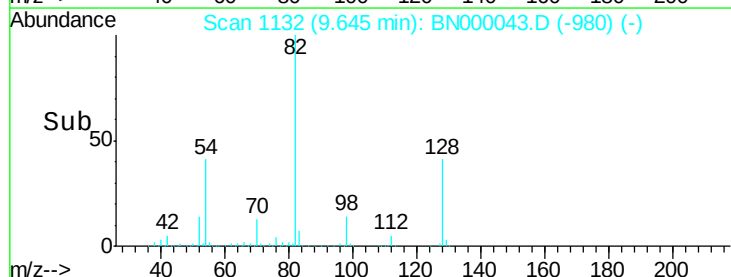
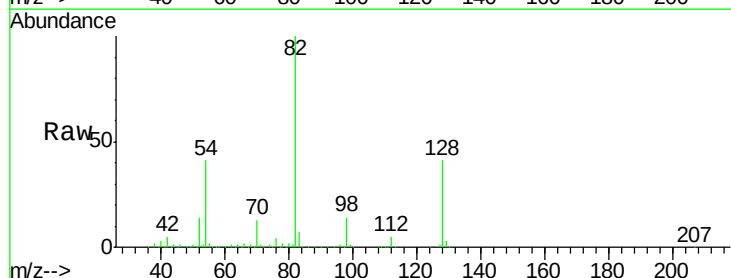
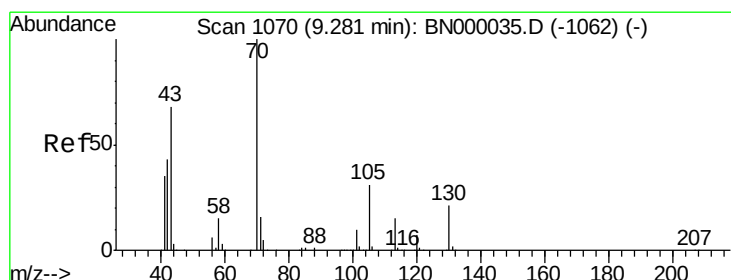
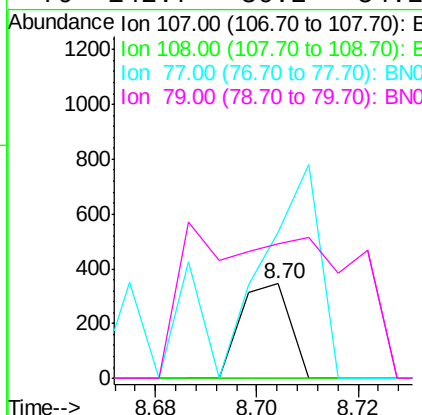
Acq: 07 Feb 2018 19:49

Instrument :

BNA_N

ClientSampled :

Tot Ion:	107	Resp:	232
Ion	Ratio	Lower	Upper
107	100		
108	0.0	83.9	125.9#
77	154.9	37.2	55.8#
79	142.7	36.2	54.2#



#19

n-Nitroso-di-n-propylamine

Concen: 5.95 ng

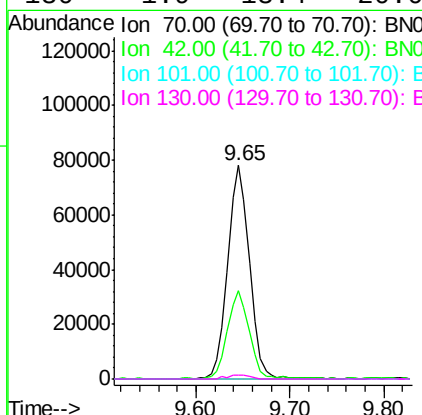
RT: 9.65 min Scan# 1132

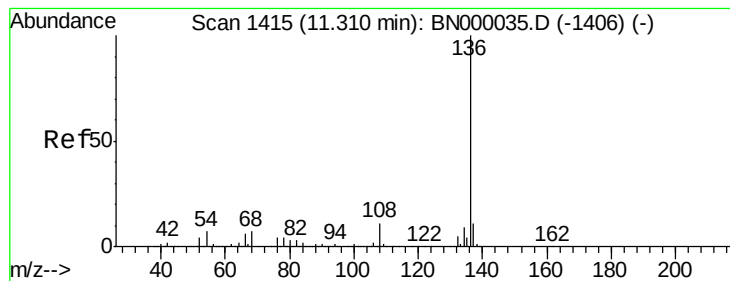
Delta R.T. 0.36 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

Tgt Ion:	70	Resp:	126398
Ion	Ratio	Lower	Upper
70	100		
42	41.5	49.1	73.7#
101	0.0	8.5	12.7#
130	1.9	13.4	20.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.31 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

Instrument :

BNA_N

ClientSampled :

Tot Ion:136 Resp: 1625206

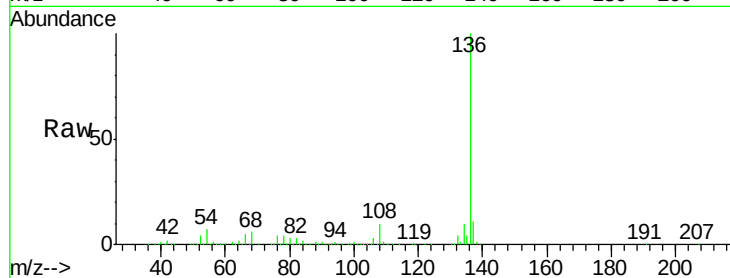
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 7.1 10.3 15.5#

68 6.1 4.5 6.7

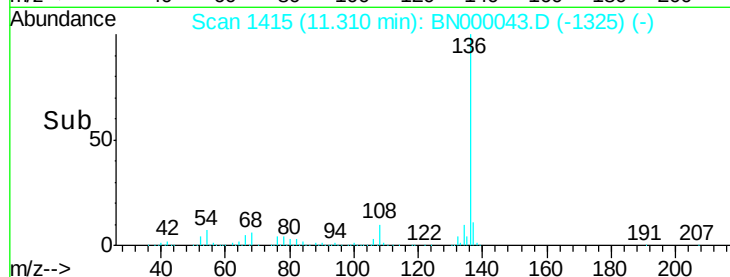


Abundance Ion 136.00 (135.70 to 136.70): E

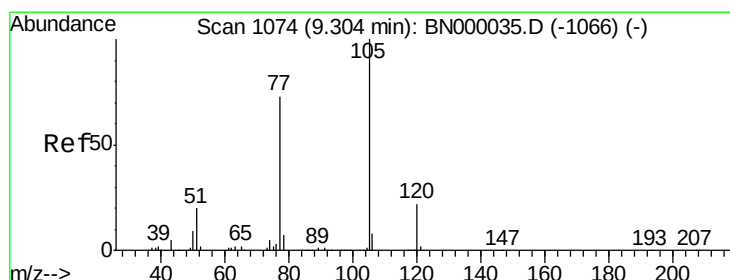
1500000 Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time--> 11.20 11.30 11.40



#22

Acetophenone

Concen: 0.01 ng

RT: 9.29 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

Tgt Ion:105 Resp: 575

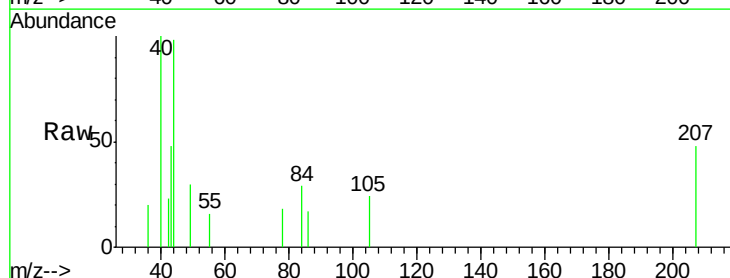
Ion Ratio Lower Upper

105 100

71 0.0 3.0 4.4#

51 0.0 26.1 39.1#

120 0.0 17.4 26.2#

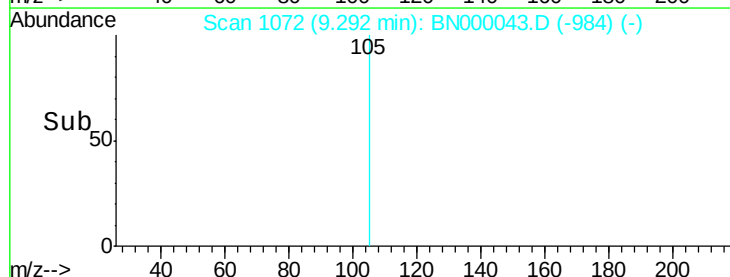


Abundance Ion 105.00 (104.70 to 105.70): E

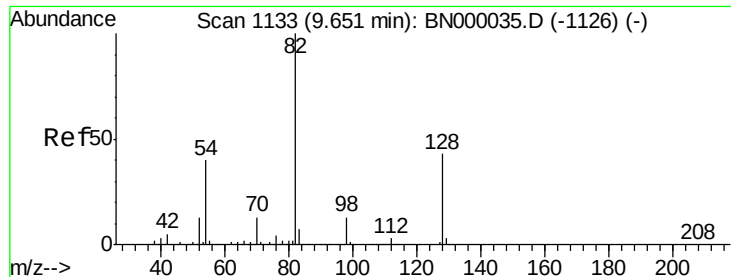
800 Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E



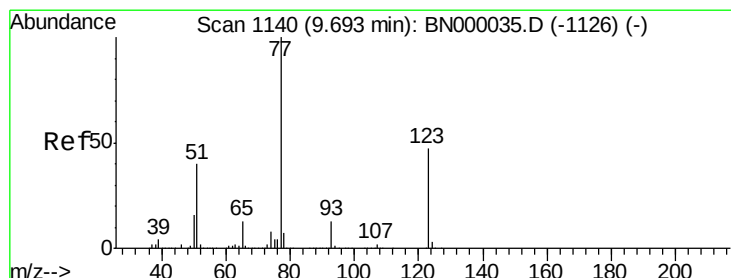
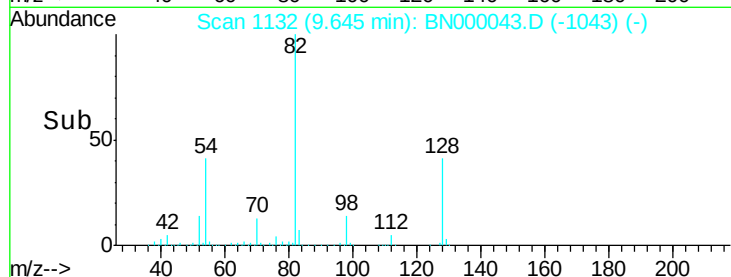
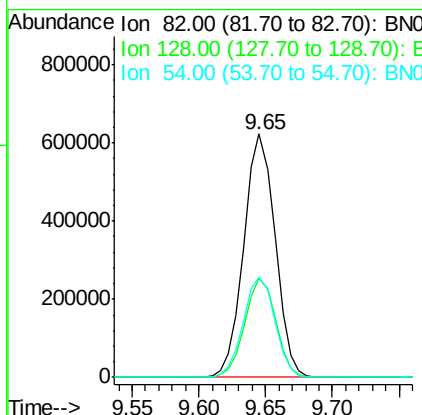
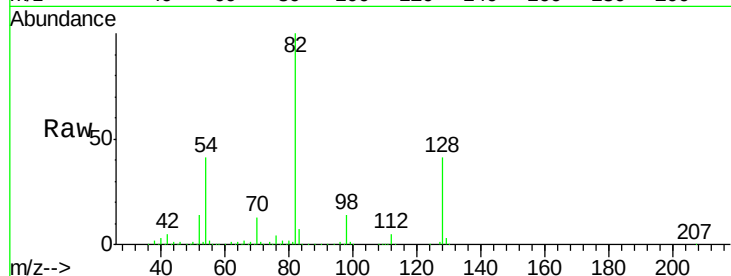
Time--> 9.28 9.30 9.32



#23
 Nitrobenzene-d5
 Concen: 36.92 ng
 RT: 9.65 min Scan# 1132
 Delta R.T. -0.01 min
 Lab File: BN000043.D
 Acq: 07 Feb 2018 19:49

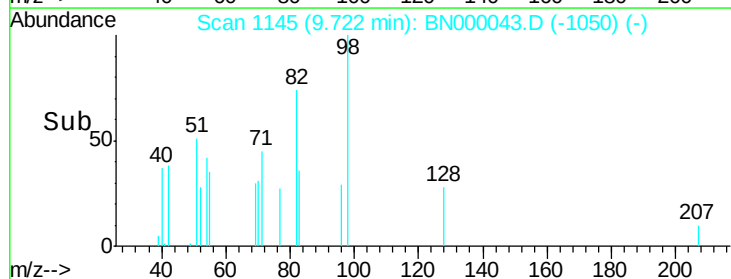
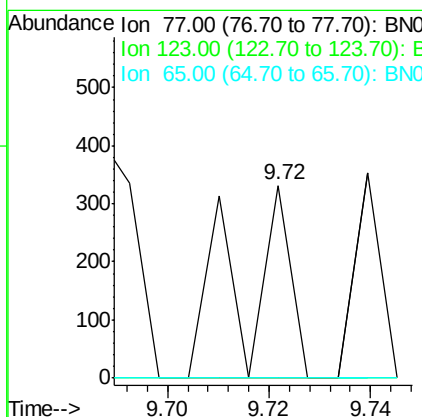
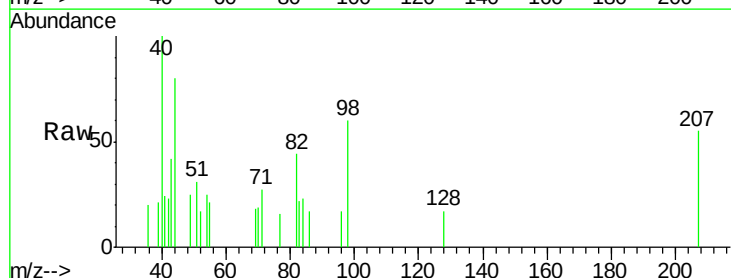
Instrument :
 BNA_N
 ClientSampleId :

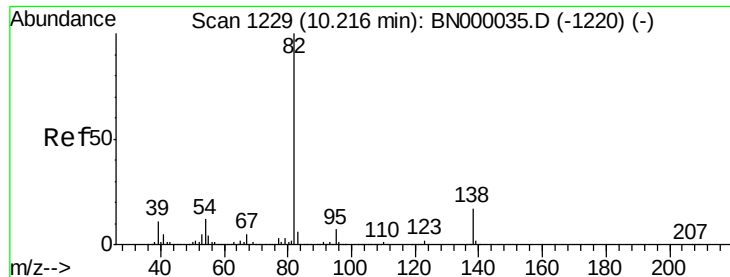
Tot Ion: 82 Resp: 1009103
 Ion Ratio Lower Upper
 82 100
 128 40.6 29.7 44.5
 54 41.3 43.1 64.7#



#24
 Nitrobenzene
 Concen: 0.01 ng
 RT: 9.72 min Scan# 1145
 Delta R.T. 0.03 min
 Lab File: BN000043.D
 Acq: 07 Feb 2018 19:49

Tgt Ion: 77 Resp: 228
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 0.0 13.0 19.6#





#25

Isophorone

Concen: 0.00 ng

RT: 10.23 min Scan# 1232

Delta R.T. 0.02 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

Instrument :

BNA_N

ClientSampleId :

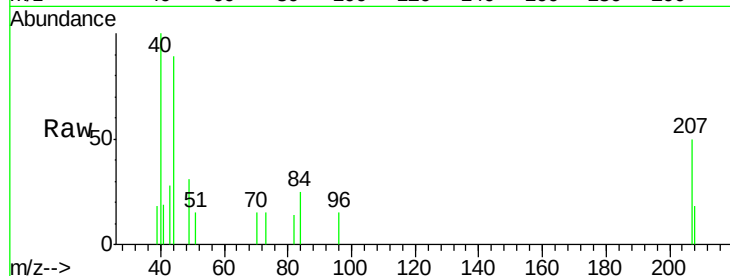
Tot Ion: 82 Resp: 216

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

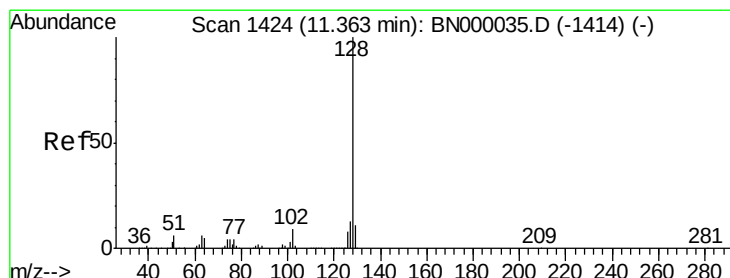
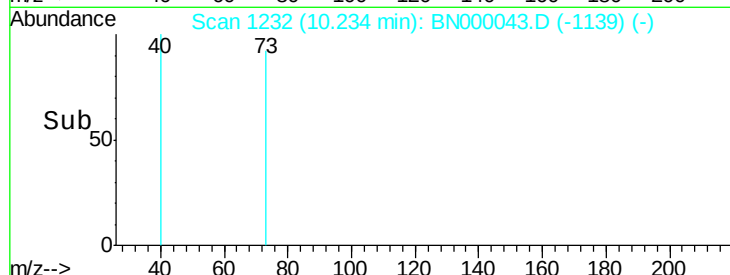
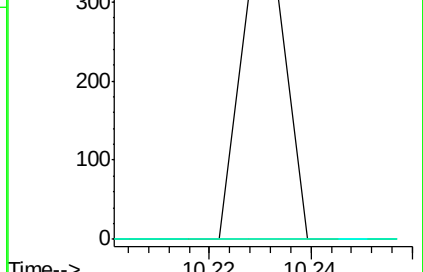
138 0.0 12.1 18.1#



Abundance Ion 82.00 (81.70 to 82.70): BN000043.D (-1232) (-)

Ion 95.00 (94.70 to 95.70): BN000043.D (-1232) (-)

Ion 138.00 (137.70 to 138.70): BN000043.D (-1232) (-)



#31

Naphthalene

Concen: 0.00 ng

RT: 11.36 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

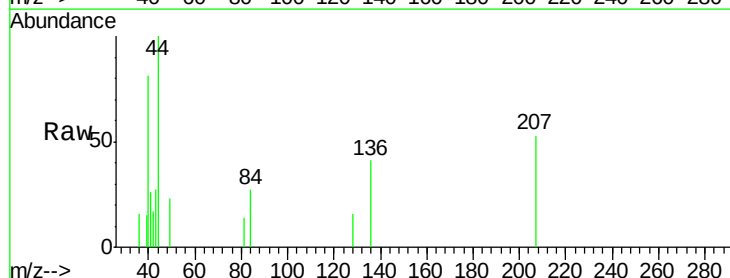
Tgt Ion: 128 Resp: 248

Ion Ratio Lower Upper

128 100

129 0.0 8.6 12.8#

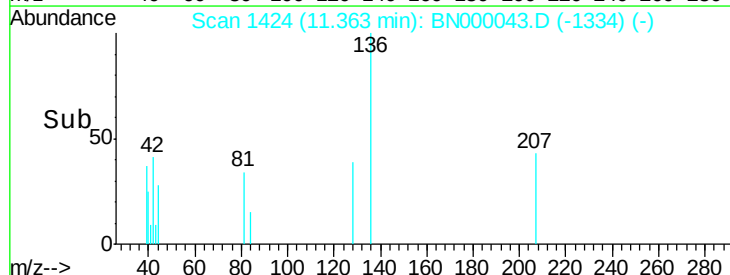
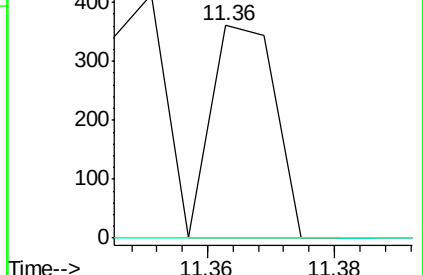
127 0.0 11.6 17.4#

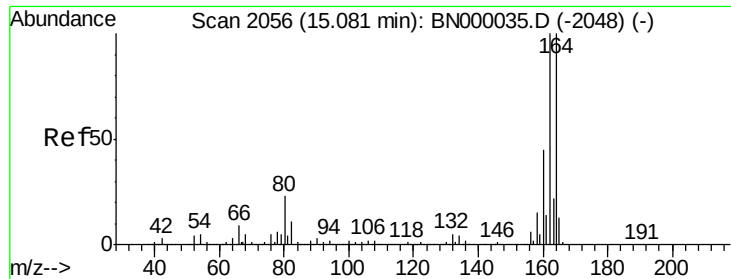


Abundance Ion 128.00 (127.70 to 128.70): BN000043.D (-1424) (-)

Ion 129.00 (128.70 to 129.70): BN000043.D (-1424) (-)

Ion 127.00 (126.70 to 127.70): BN000043.D (-1424) (-)





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.08 min Scan# 2056

Delta R.T. -0.00 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

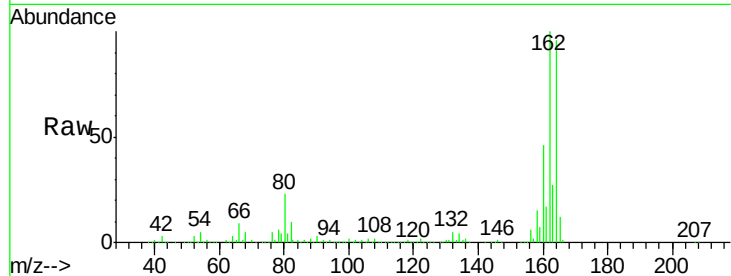
Instrument :

BNA_N

ClientSampleId :

Tot Ion:164 Resp: 1000460

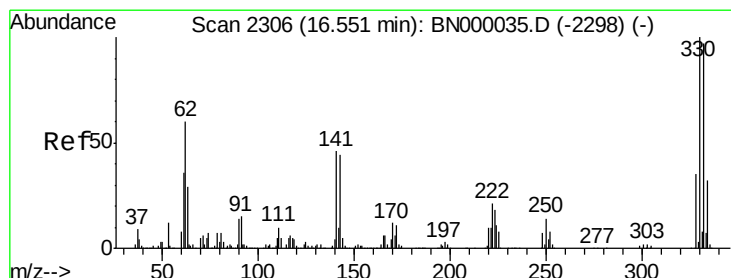
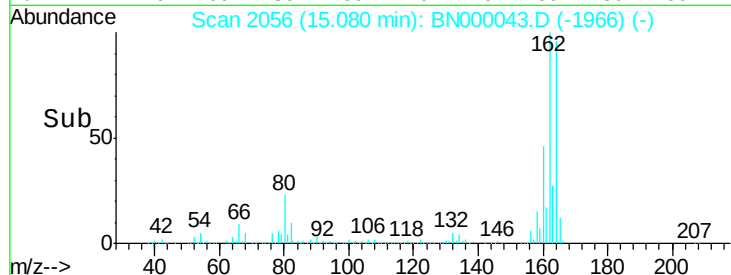
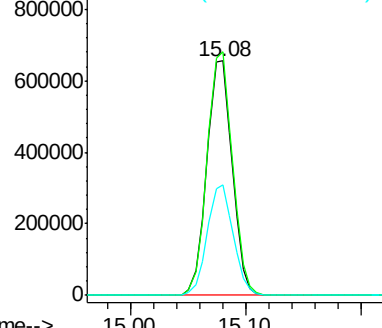
Ion	Ratio	Lower	Upper
164	100		
162	103.9	78.8	118.2
160	47.3	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 46.09 ng

RT: 16.54 min Scan# 2305

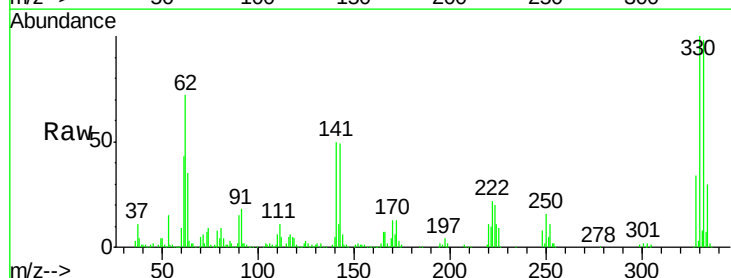
Delta R.T. -0.01 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

Tgt Ion:330 Resp: 456455

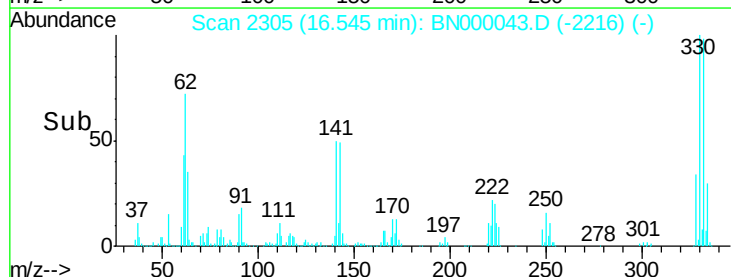
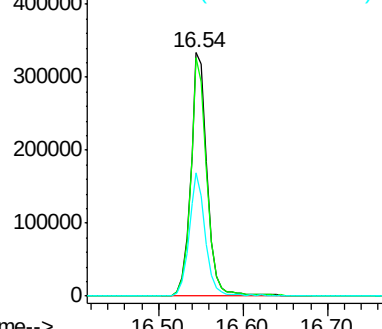
Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	50.1	25.2	37.8

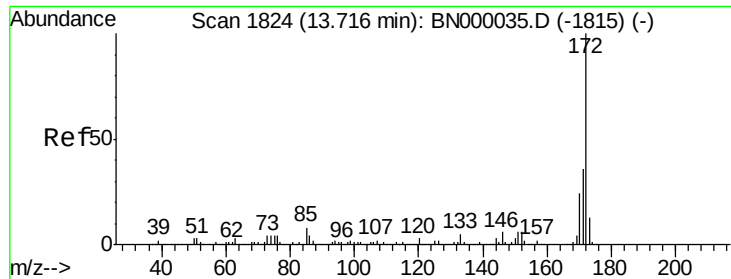


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

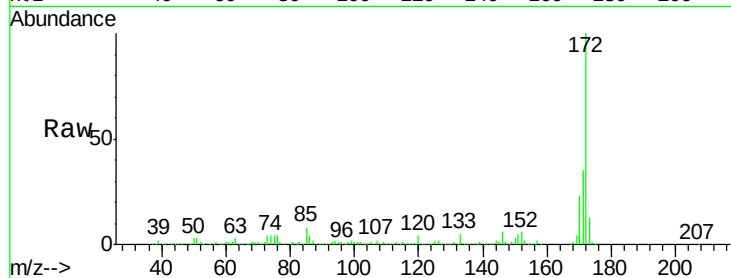




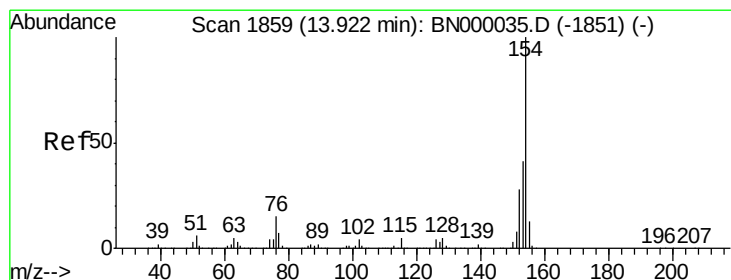
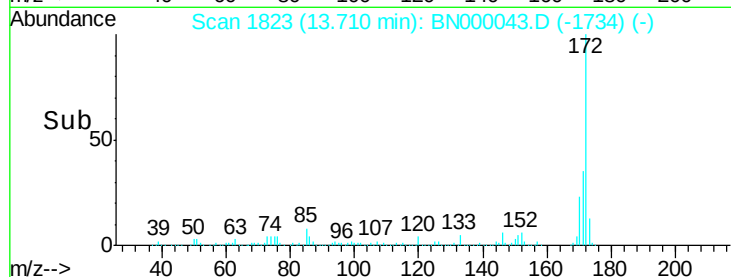
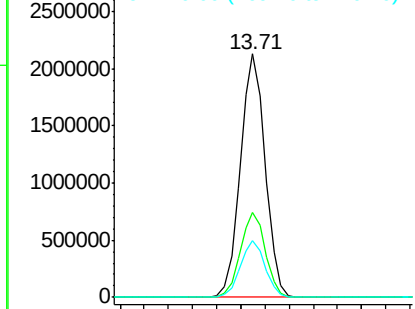
#44
2-Fluorobiphenyl
Concen: 42.93 ng
RT: 13.71 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BN000043.D
Acq: 07 Feb 2018 19:49

Instrument :
BNA_N
ClientSampled :

Tot Ion:172 Resp: 3047382
Ion Ratio Lower Upper
172 100
171 35.0 30.0 45.0
170 23.2 19.5 29.3

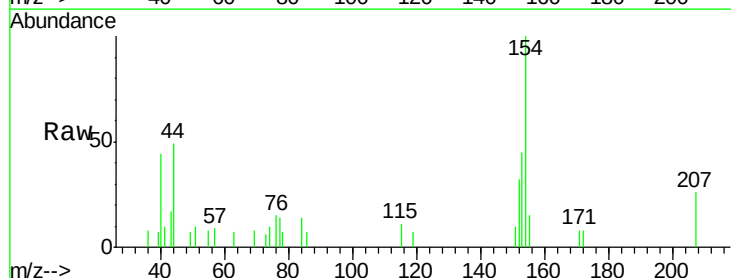


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

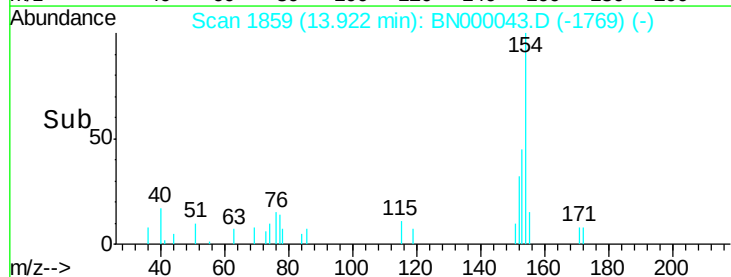
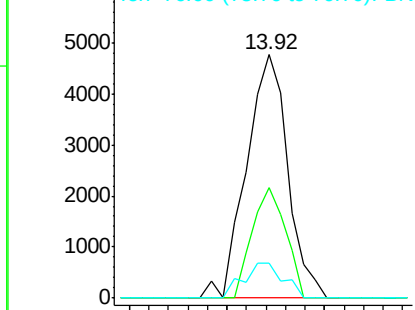


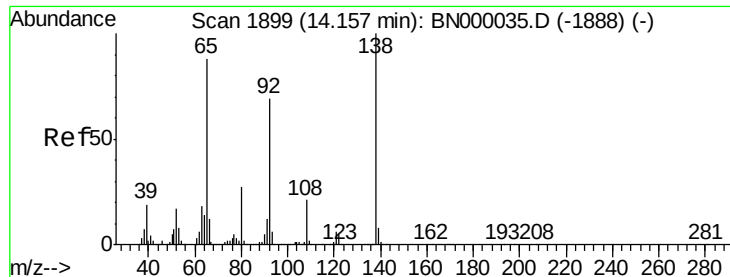
#45
1,1'-Biphenyl
Concen: 0.08 ng
RT: 13.92 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BN000043.D
Acq: 07 Feb 2018 19:49

Tgt Ion:154 Resp: 6952
Ion Ratio Lower Upper
154 100
153 45.4 19.8 59.8
76 14.5 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: 4.96 ng

RT: 14.51 min Scan# 1959

Delta R.T. 0.35 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

Instrument :

BNA_N

ClientSampleId :

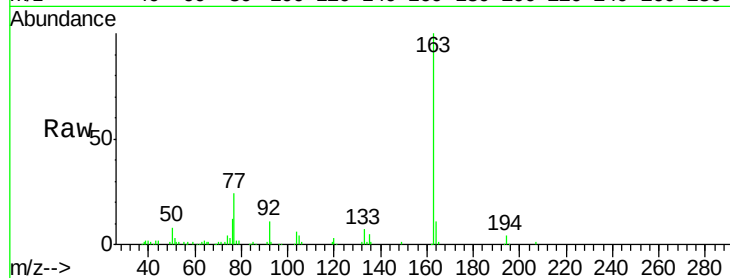
Tot Ion: 65 Resp: 1734

Ion Ratio Lower Upper

65 100

92 904.7 54.6 82.0#

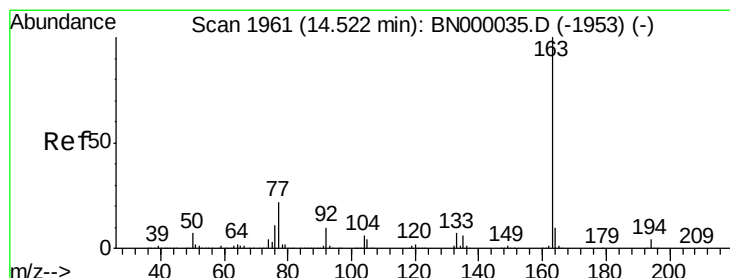
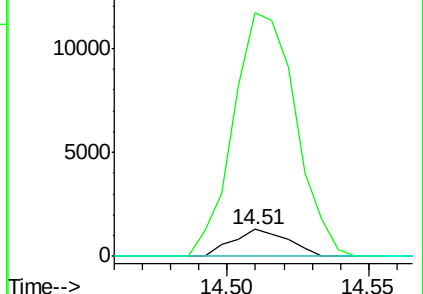
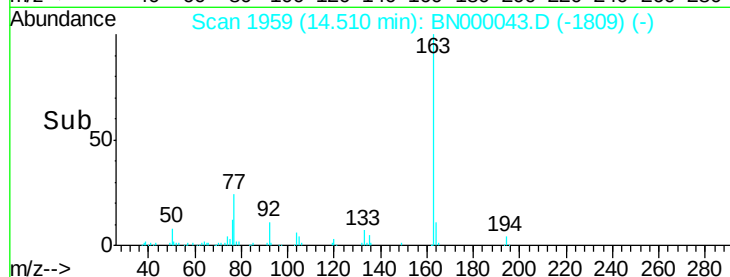
138 0.0 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BN000043.D (-1888) (-)

Ion 92.00 (91.70 to 92.70): BN000043.D (-1888) (-)

Ion 138.00 (137.70 to 138.70): BN000043.D (-1888) (-)



#49

Dimethylphthalate

Concen: 2.04 ng

RT: 14.52 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

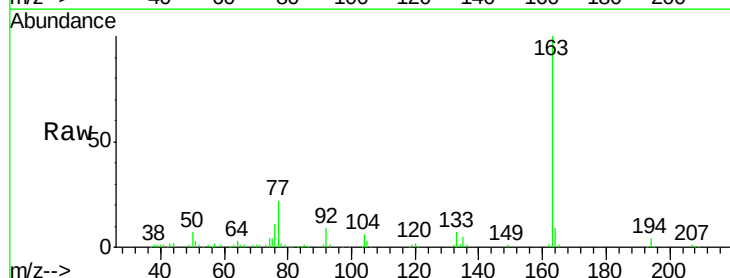
Tgt Ion: 163 Resp: 170651

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

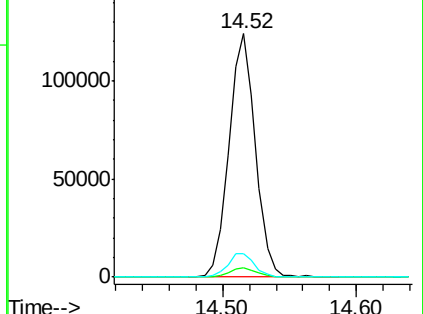
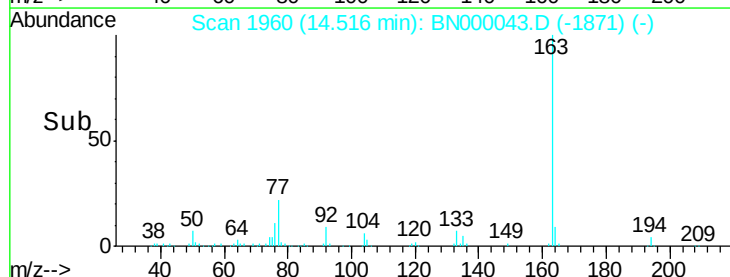
164 9.5 8.2 12.4

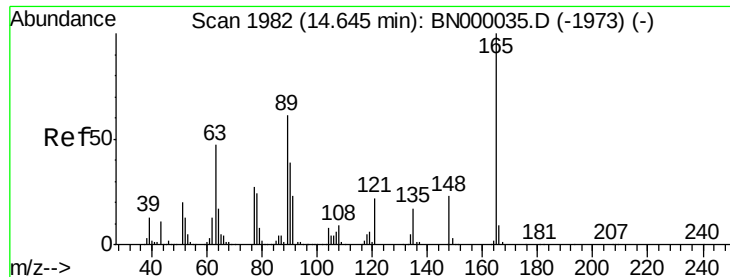


Abundance Ion 163.00 (162.70 to 163.70): BN000043.D (-1871) (-)

Ion 194.00 (193.70 to 194.70): BN000043.D (-1871) (-)

Ion 164.00 (163.70 to 164.70): BN000043.D (-1871) (-)

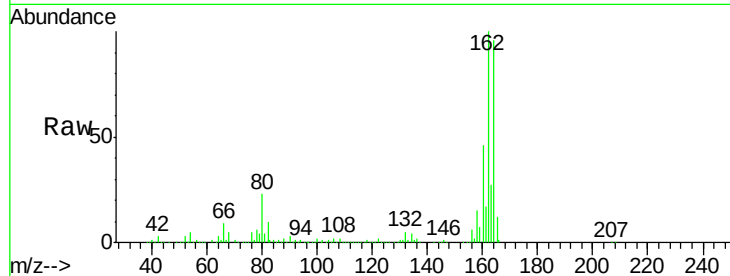




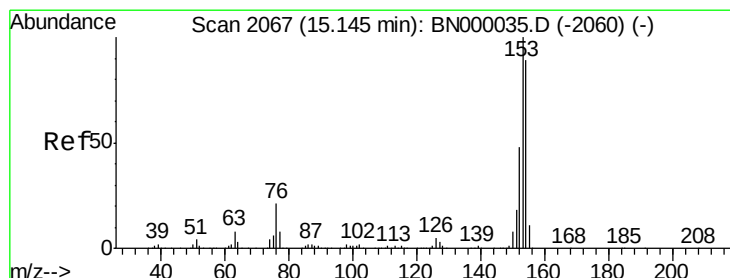
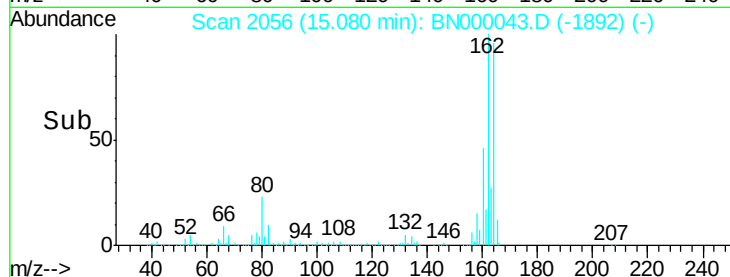
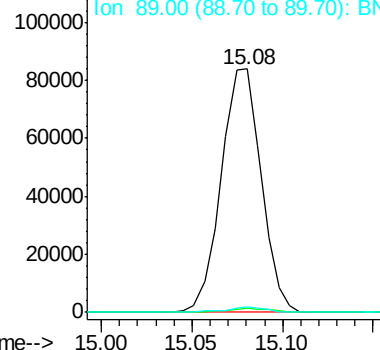
#50
2,6-Dinitrotoluene
Concen: 7.44 ng
RT: 15.08 min Scan# 2056
Delta R.T. 0.44 min
Lab File: BN000043.D
Acq: 07 Feb 2018 19:49

Instrument :
BNA_N
ClientSampleId :

Tot Ion:165 Resp: 128475
Ion Ratio Lower Upper
165 100
63 1.5 52.7 79.1#
89 2.2 49.2 73.8#

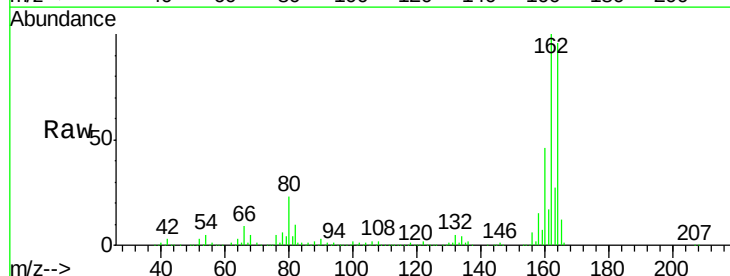


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BNC
Ion 89.00 (88.70 to 89.70): BNC

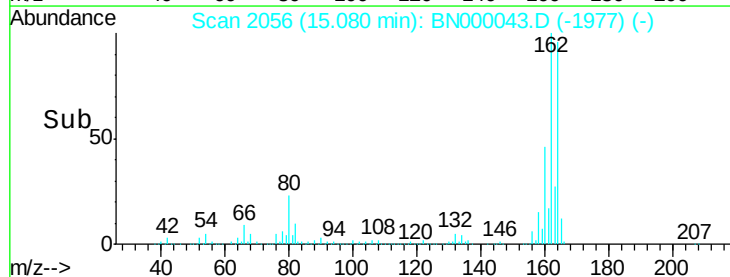
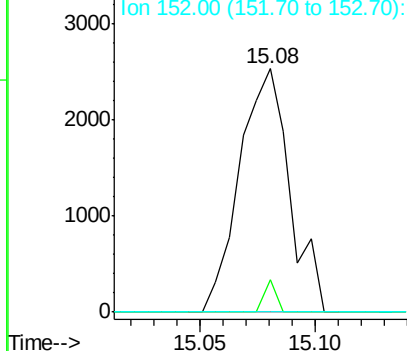


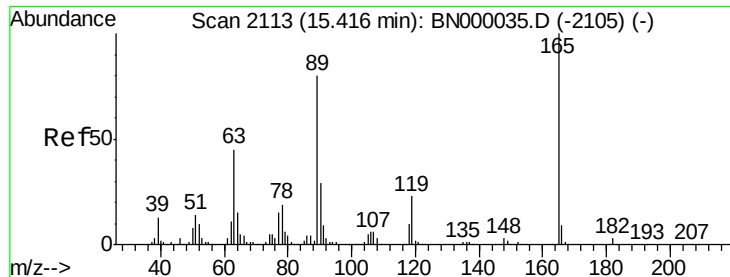
#51
Acenaphthene
Concen: 0.05 ng
RT: 15.08 min Scan# 2056
Delta R.T. -0.06 min
Lab File: BN000043.D
Acq: 07 Feb 2018 19:49

Tgt Ion:154 Resp: 3811
Ion Ratio Lower Upper
154 100
153 13.3 90.4 135.6#
152 0.0 41.6 62.4#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

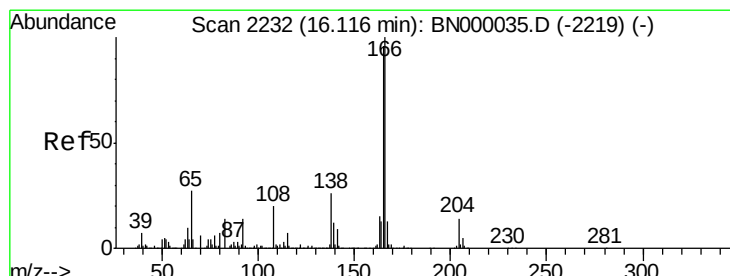
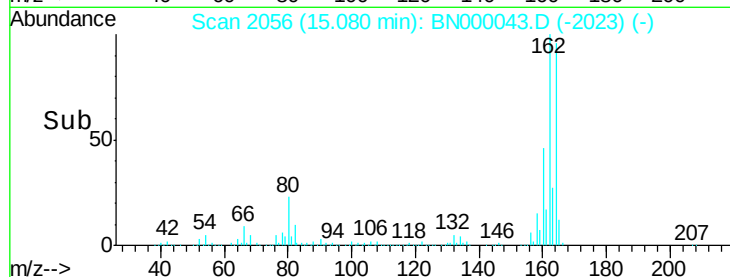
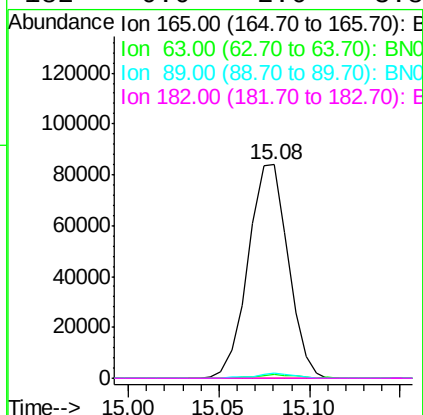
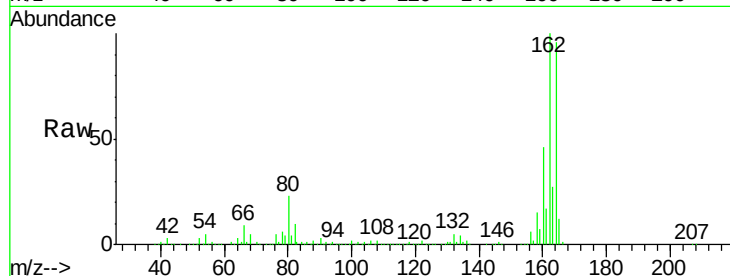




#56
2,4-Dinitrotoluene
Concen: 8.93 ng
RT: 15.08 min Scan# 2056
Delta R.T. -0.33 min
Lab File: BN000043.D
Acq: 07 Feb 2018 19:49

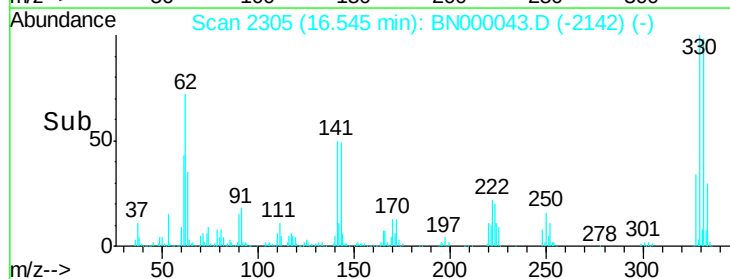
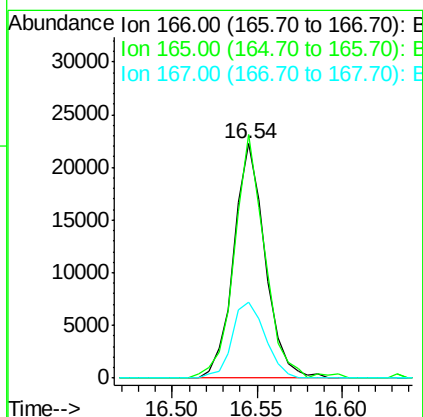
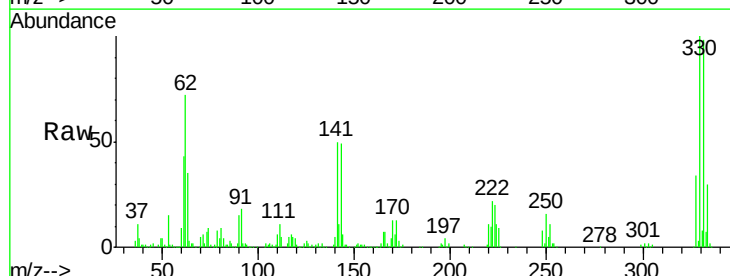
Instrument :
BNA_N
ClientSampleId :

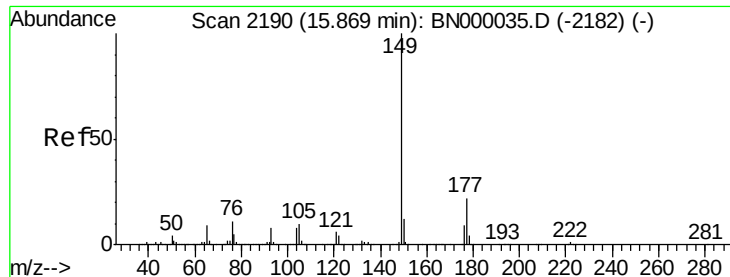
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.0	63.0#
89	2.2	66.9	100.3#
182	0.0	2.6	3.8#



#57
Fluorene
Concen: 0.36 ng
RT: 16.54 min Scan# 2305
Delta R.T. 0.43 min
Lab File: BN000043.D
Acq: 07 Feb 2018 19:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.8	80.6	121.0
167	32.5	10.4	15.6#





#59

Diethylphthalate

Concen: 0.02 ng

RT: 15.86 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

Instrument :

BNA_N

ClientSampled :

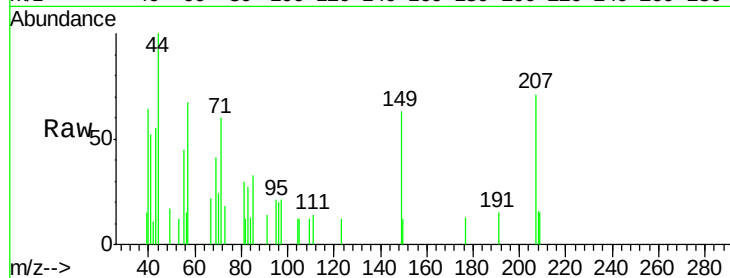
Tot Ion:149 Resp: 2053

Ion Ratio Lower Upper

149 100

177 20.4 18.5 27.7

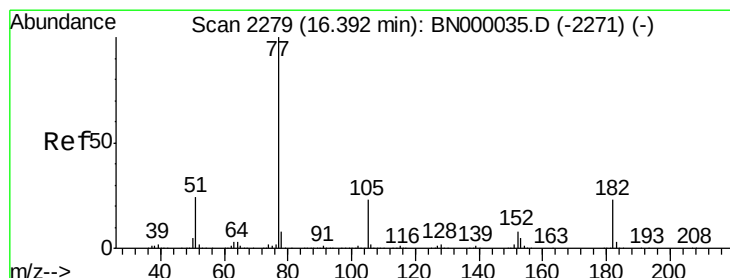
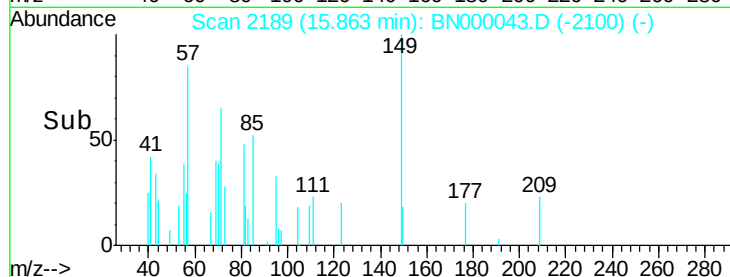
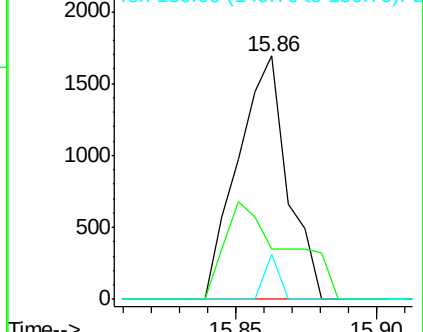
150 18.4 10.2 15.2#



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



#62

Azobenzene

Concen: 0.02 ng

RT: 16.40 min Scan# 2281

Delta R.T. 0.01 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

Tgt Ion: 77 Resp: 1503

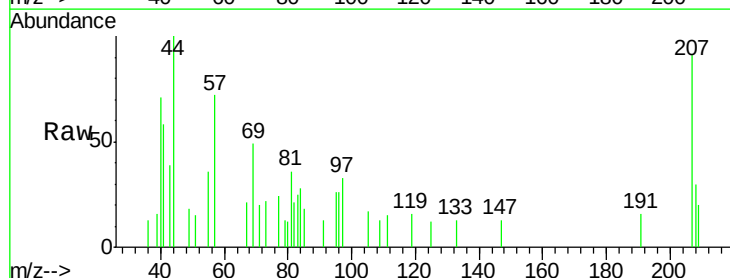
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 68.7 0.3 40.3#

51 60.7 11.6 51.6#

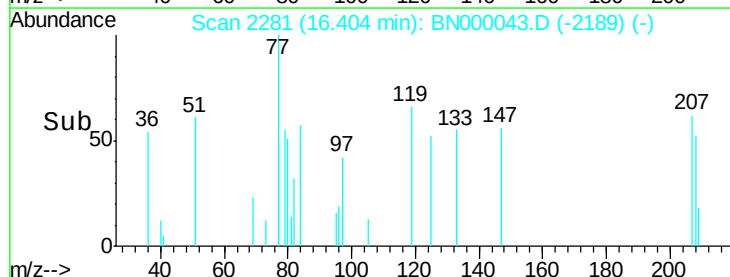
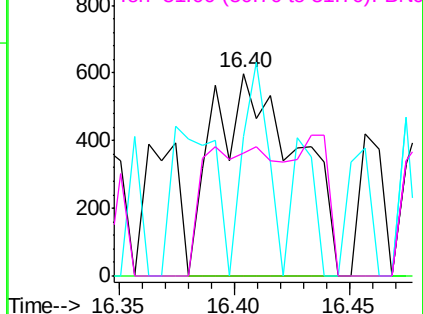


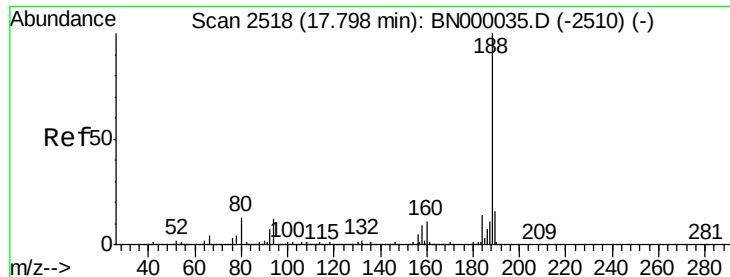
Abundance Ion 77.00 (76.70 to 77.70): BNC

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): BNC

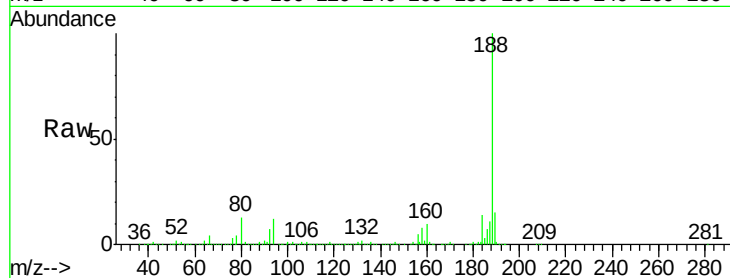




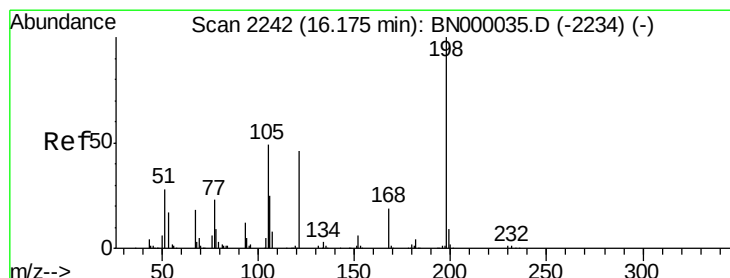
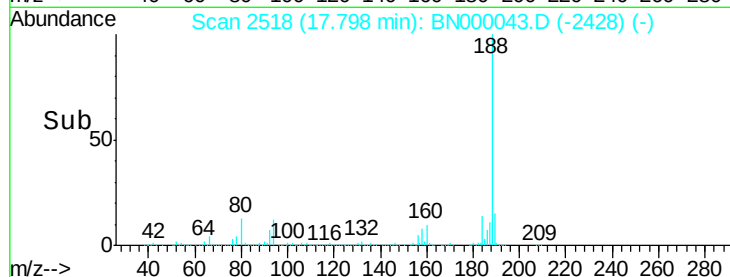
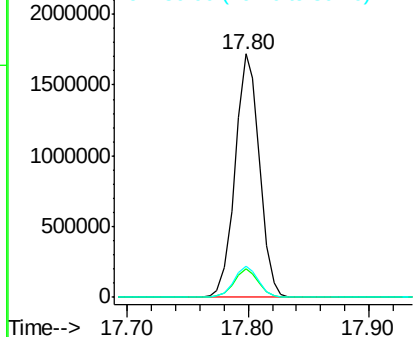
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.80 min Scan# 2518
Delta R.T. -0.00 min
Lab File: BN000043.D
Acq: 07 Feb 2018 19:49

Instrument :
BNA_N
ClientSampleId :

Tot Ion:188 Resp: 2413565
Ion Ratio Lower Upper
188 100
94 11.8 6.9 10.3#
80 12.6 7.7 11.5#

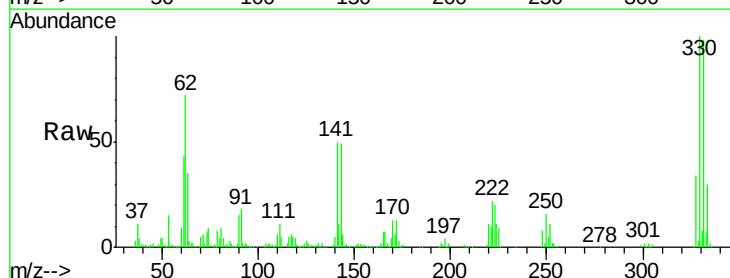


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

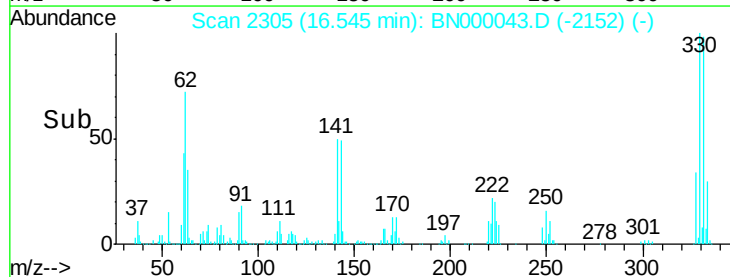
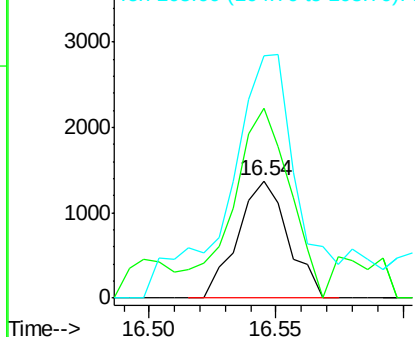


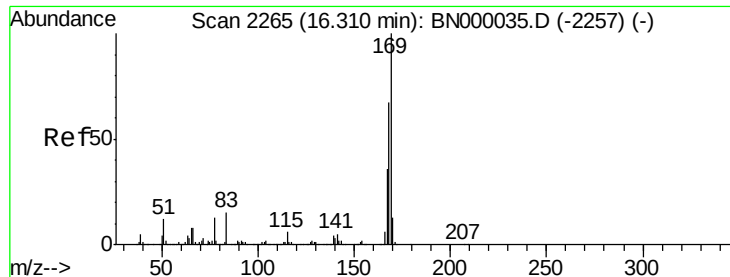
#64
4,6-Dinitro-2-methylphenol
Concen: 8.84 ng
RT: 16.54 min Scan# 2305
Delta R.T. 0.37 min
Lab File: BN000043.D
Acq: 07 Feb 2018 19:49

Tgt Ion:198 Resp: 1895
Ion Ratio Lower Upper
198 100
51 162.0 30.6 70.6#
105 206.3 23.8 63.8#



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

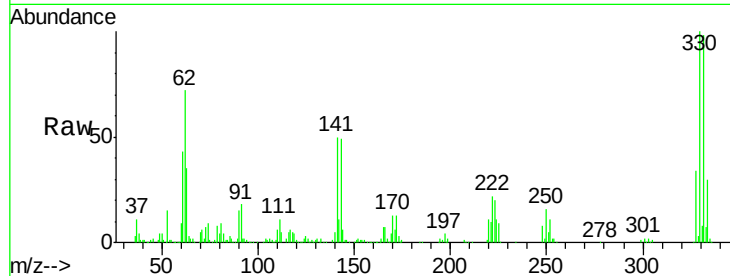




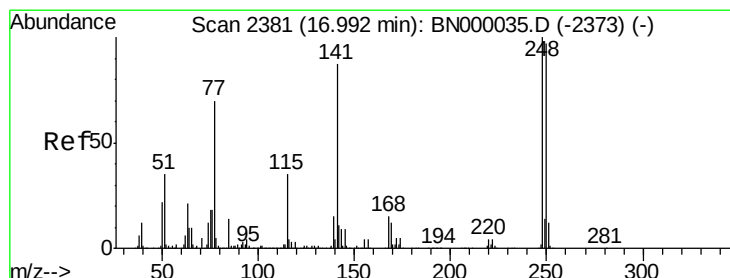
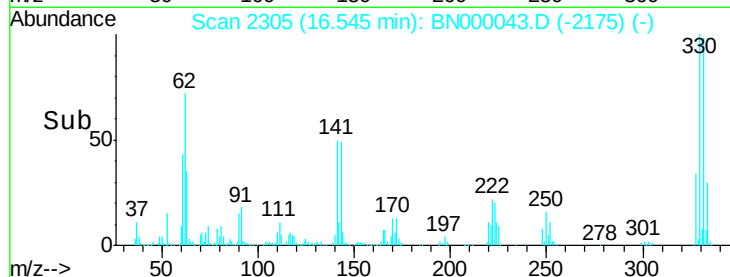
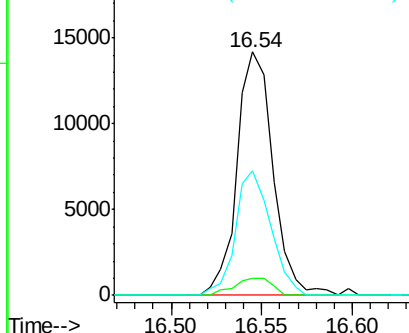
#65
 n-Nitrosodiphenylamine
 Concen: 0.25 ng
 RT: 16.54 min Scan# 2305
 Delta R.T. 0.24 min
 Lab File: BN000043.D
 Acq: 07 Feb 2018 19:49

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	169	Resp	19632
Ion Ratio	100	Lower	Upper
168	6.9	55.7	83.5#
167	51.0	30.1	45.1#

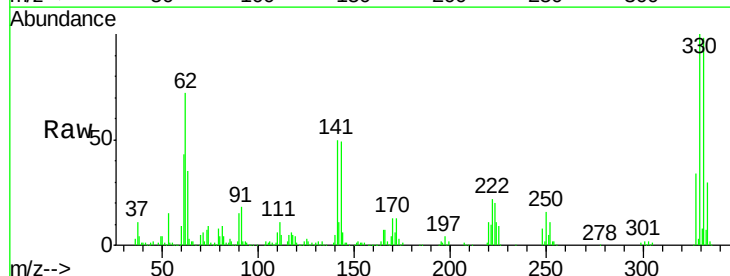


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

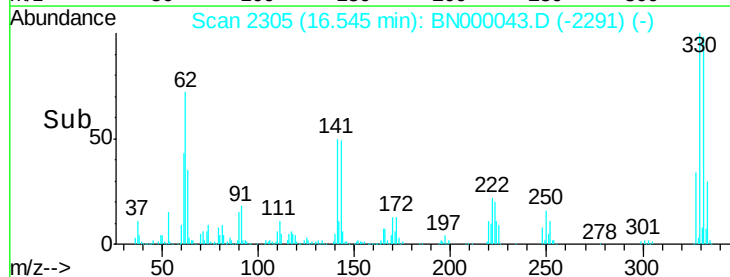
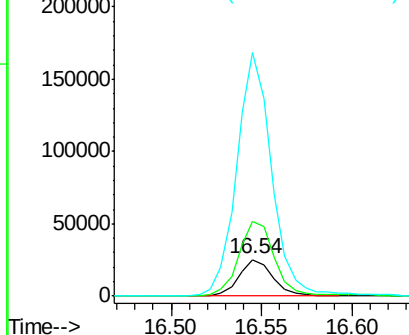


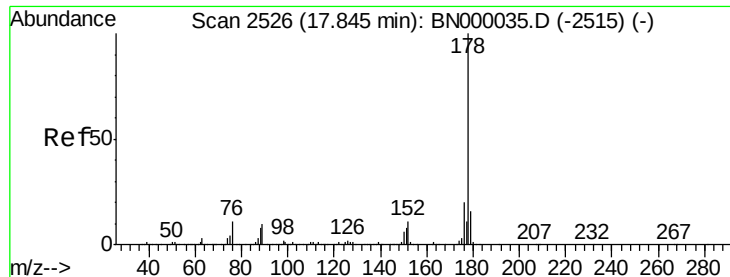
#66
 4-Bromophenyl-phenylether
 Concen: 1.45 ng
 RT: 16.54 min Scan# 2305
 Delta R.T. -0.45 min
 Lab File: BN000043.D
 Acq: 07 Feb 2018 19:49

Tgt Ion	248	Resp	33348
Ion Ratio	100	Lower	Upper
250	204.9	77.1	115.7#
141	663.2	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





#70

Phenanthrene

Concen: 0.01 ng

RT: 17.84 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

Instrument :

BNA_N

ClientSampleId :

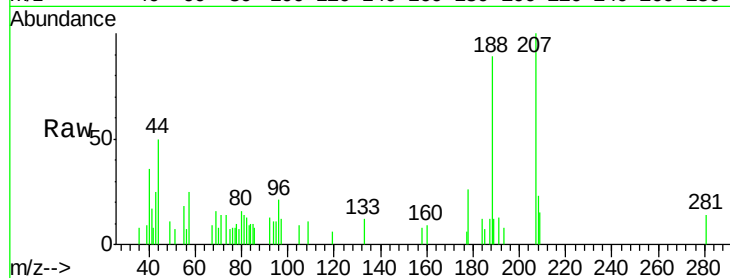
Tot Ion:178 Resp: 1964

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

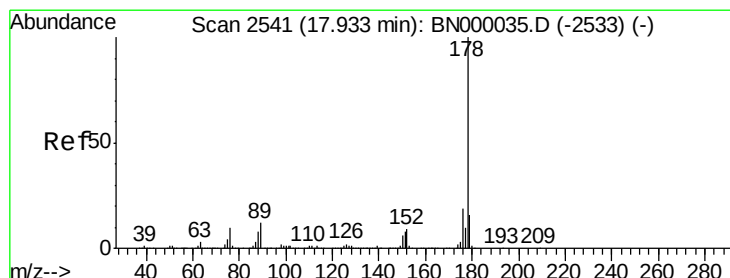
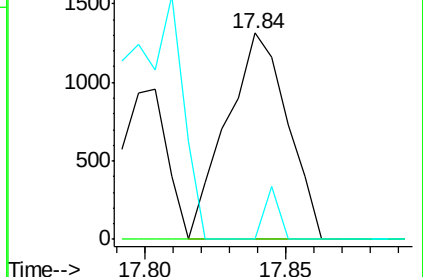
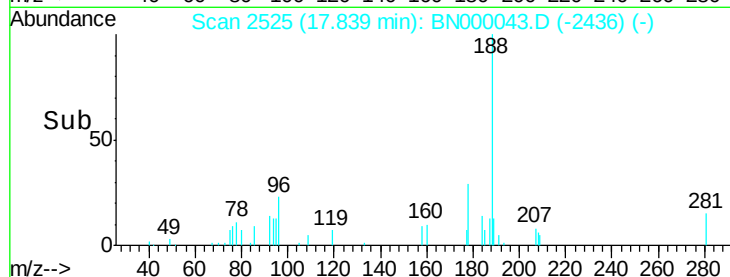
179 0.0 12.5 18.7#



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: 0.00 ng

RT: 17.94 min Scan# 2542

Delta R.T. 0.01 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

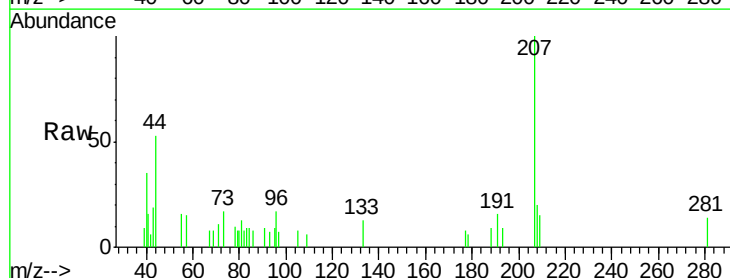
Tgt Ion:178 Resp: 110

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

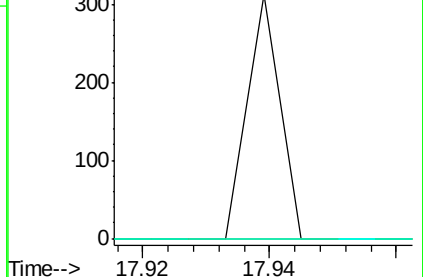
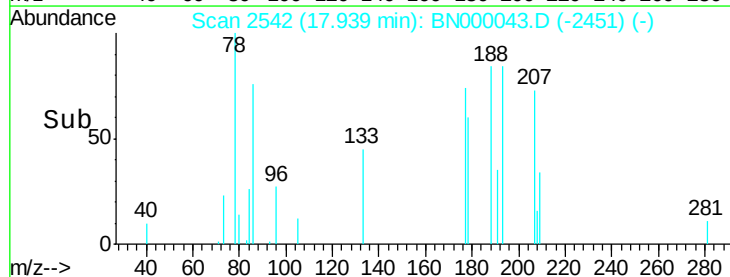
179 0.0 12.5 18.7#

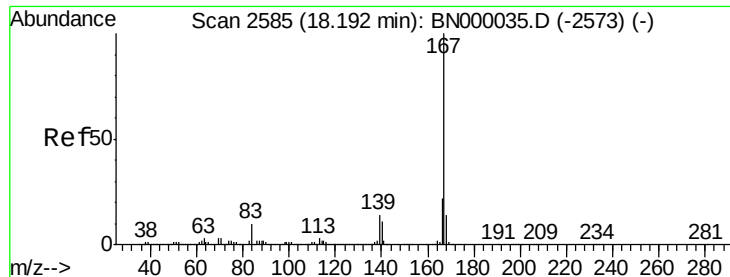


Abundance Ion 178.00 (177.70 to 178.70): E

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: 18.19 min Scan# 2585

Delta R.T. -0.00 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

Instrument :

BNA_N

ClientSampleId :

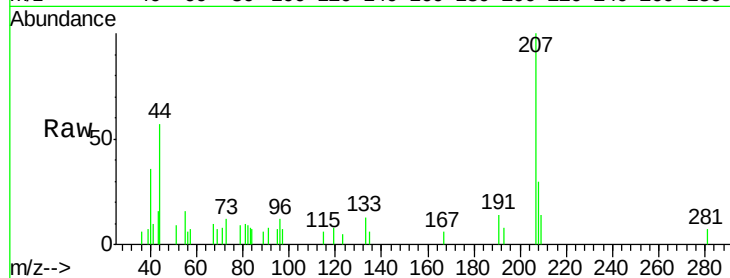
Tot Ion:167 Resp: 120

Ion Ratio Lower Upper

167 100

166 0.0 18.2 27.4#

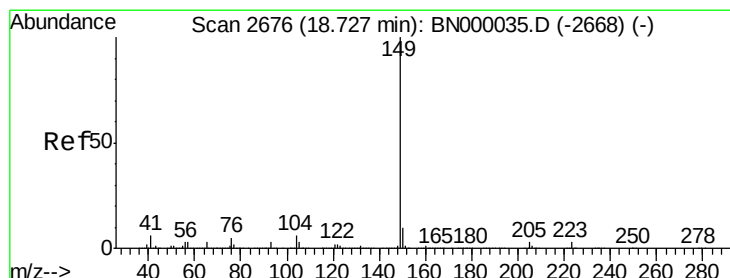
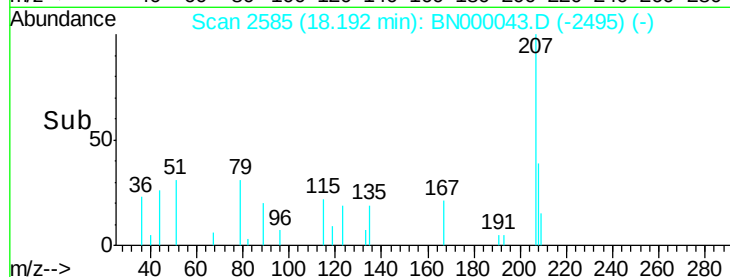
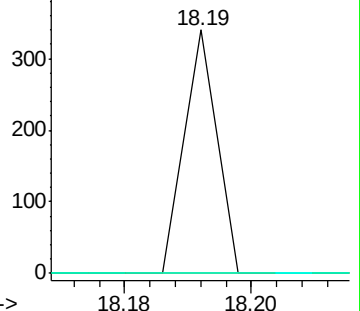
139 0.0 9.4 14.2#



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: 0.01 ng

RT: 18.72 min Scan# 2675

Delta R.T. -0.01 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

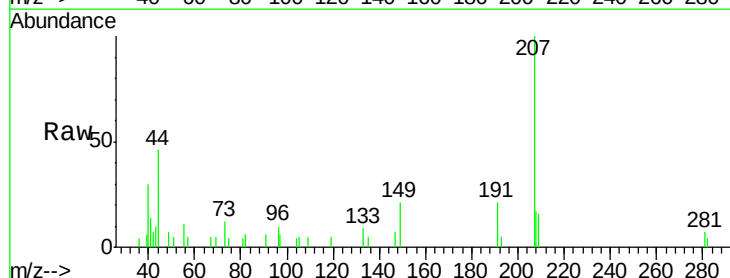
Tgt Ion:149 Resp: 1867

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

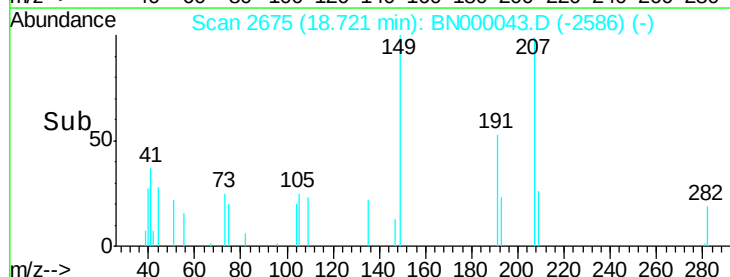
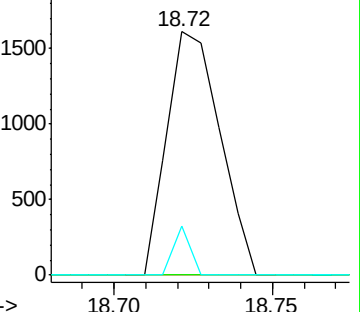
104 20.2 3.9 5.9#

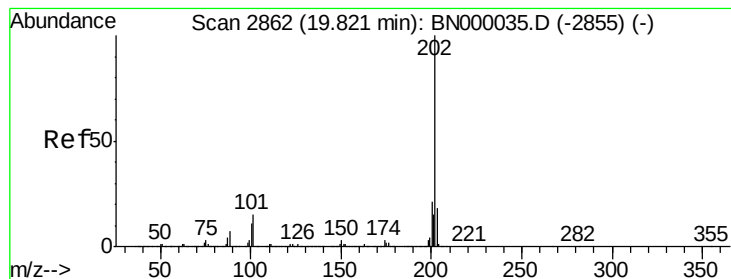


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.00 ng

RT: 19.82 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BN000043.D

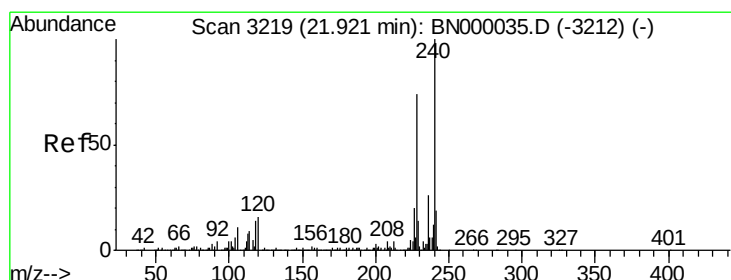
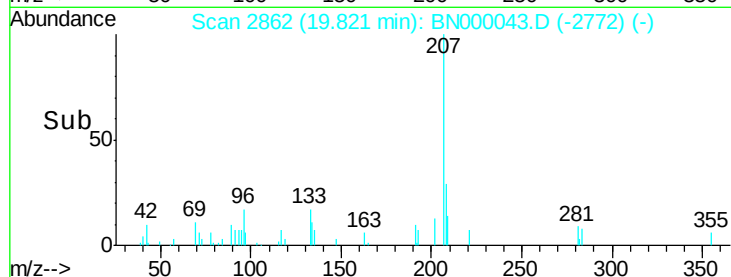
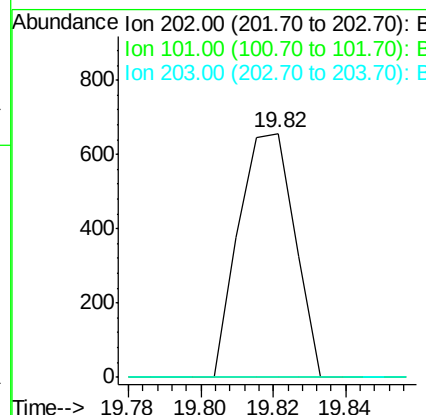
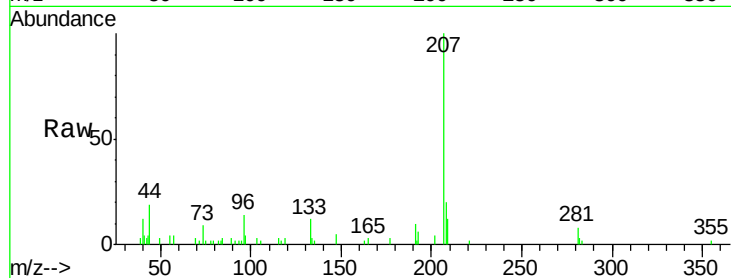
Acq: 07 Feb 2018 19:49

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	202	Resp:	706
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.9
203	0.0	0.0	37.5



#75

Chrysene-d12

Concen: 20.00 ng

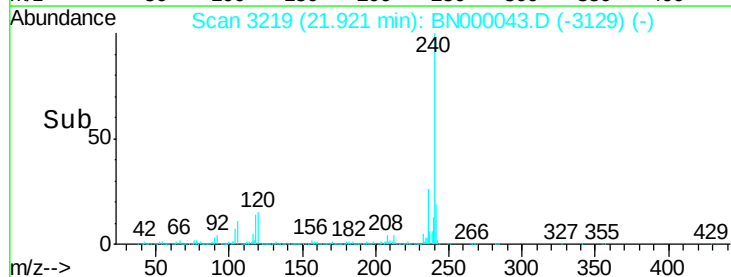
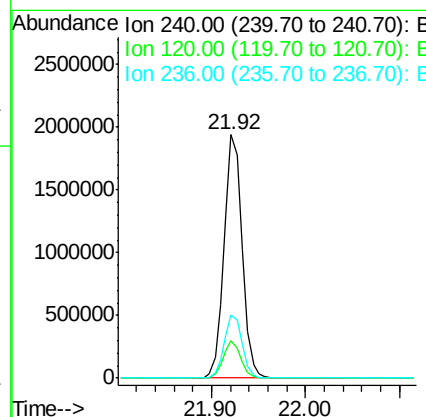
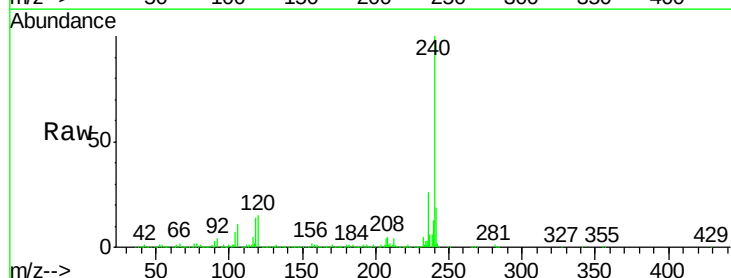
RT: 21.92 min Scan# 3219

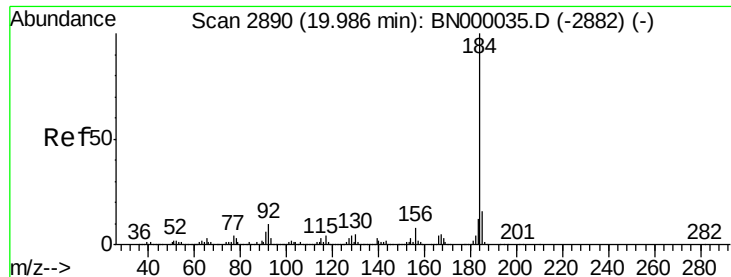
Delta R.T. -0.00 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

Tgt Ion:	240	Resp:	2608033
Ion	Ratio	Lower	Upper
240	100		
120	15.5	6.8	10.2#
236	26.1	20.9	31.3





#76

Benzidine

Concen: 0.94 ng

RT: 20.36 min Scan# 2954

Delta R.T. 0.38 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

Instrument :

BNA_N

ClientSampleId :

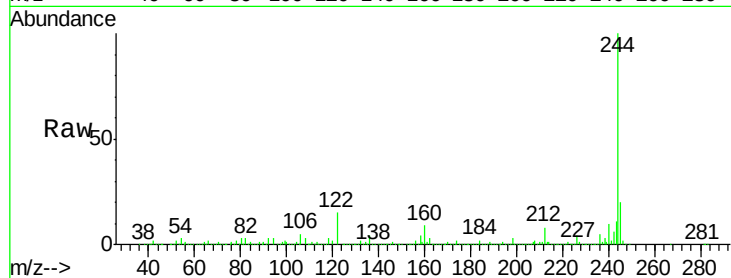
Tot Ion:184 Resp: 78118

Ion Ratio Lower Upper

184 100

185 16.8 11.1 16.7#

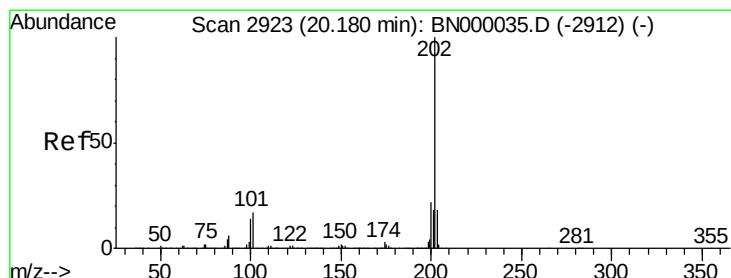
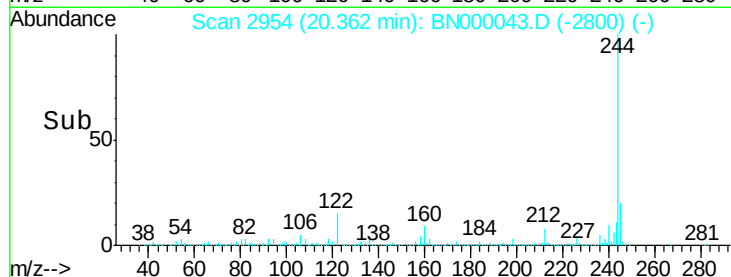
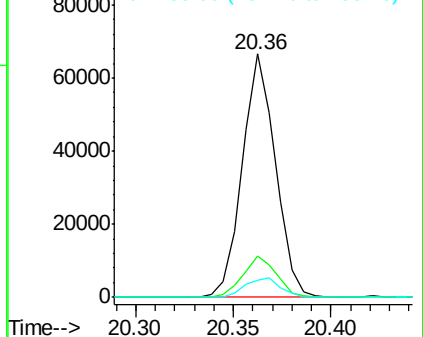
183 6.8 10.6 16.0#



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

Pyrene

Concen: 0.00 ng

RT: 20.17 min Scan# 2922

Delta R.T. -0.01 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

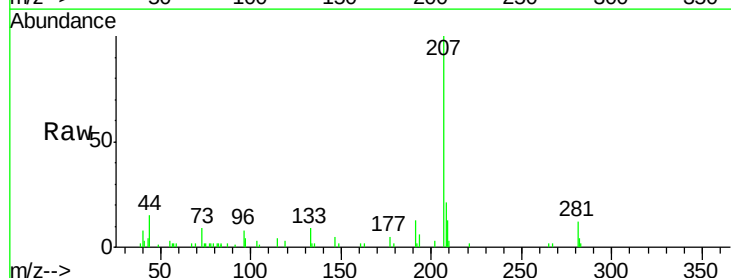
Tgt Ion:202 Resp: 705

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

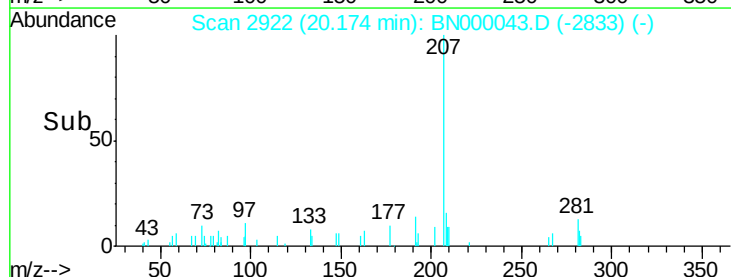
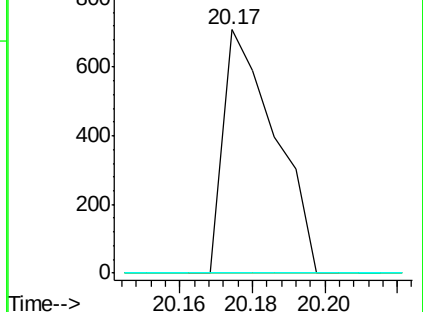
203 0.0 13.9 20.9#

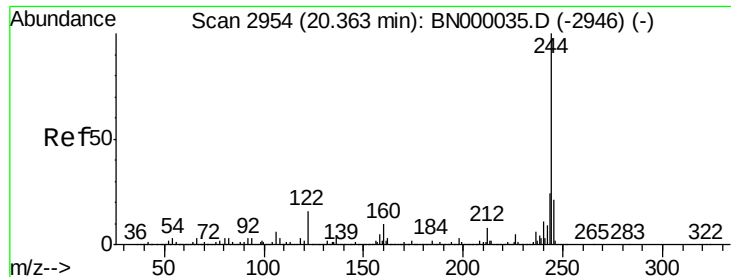


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 49.35 ng

RT: 20.36 min Scan# 2954

Delta R.T. -0.00 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

Instrument :

BNA_N

ClientSampleId :

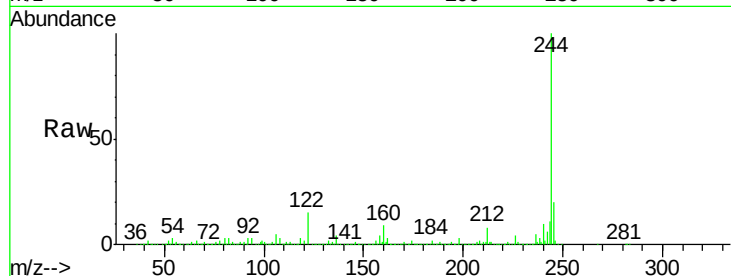
Tot Ion:244 Resp: 4766539

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

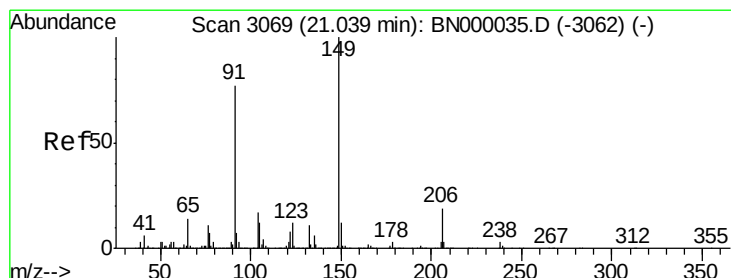
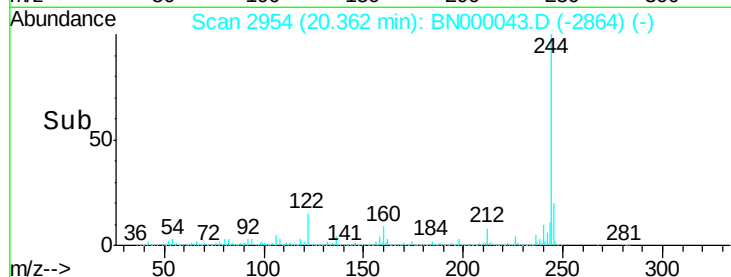
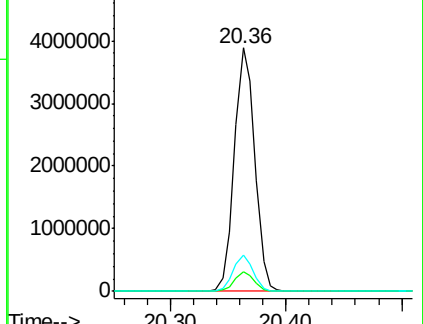
122 15.1 7.0 10.4#



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: 5.38 ng

RT: 21.03 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

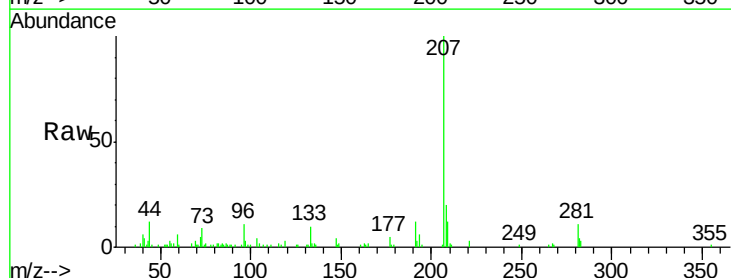
Tgt Ion:149 Resp: 341

Ion Ratio Lower Upper

149 100

91 66.0 62.2 93.2

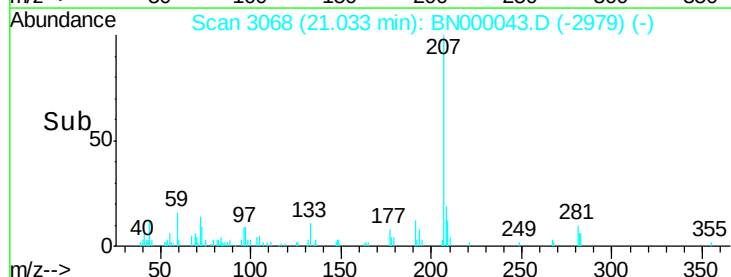
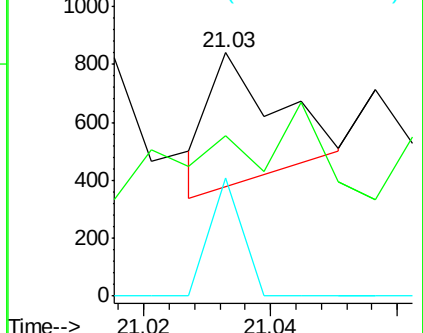
206 48.6 18.6 27.8#

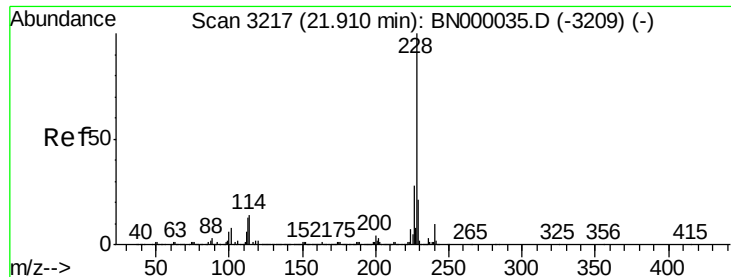


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BN0

Ion 206.00 (205.70 to 206.70): E

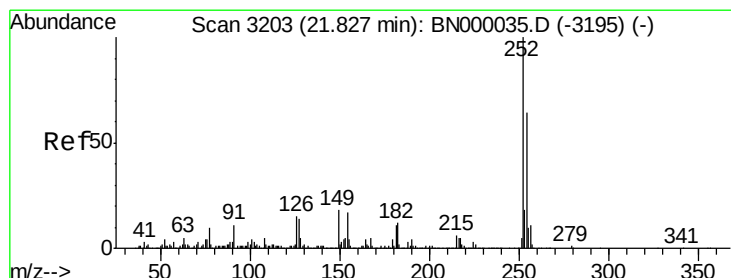
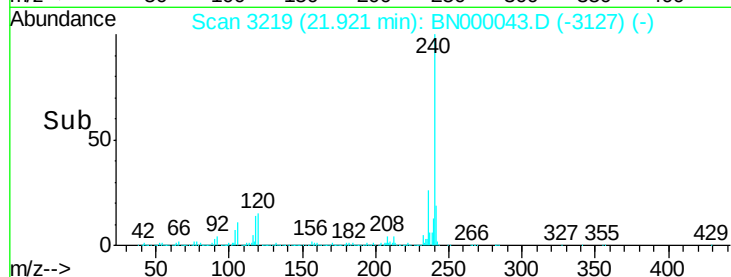
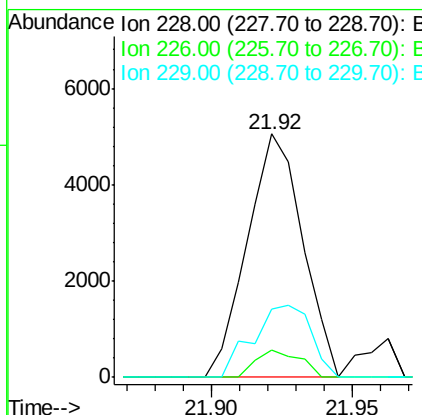
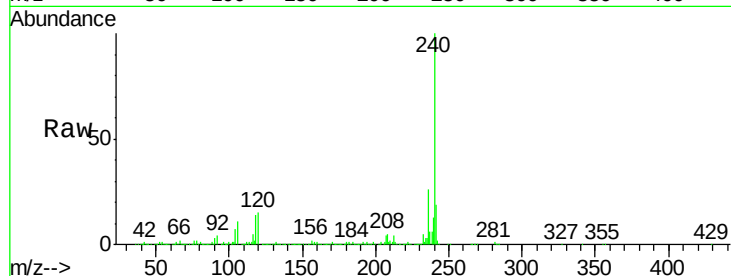




#80
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.92 min Scan# 3219
Delta R.T. 0.01 min
Lab File: BN000043.D
Acq: 07 Feb 2018 19:49

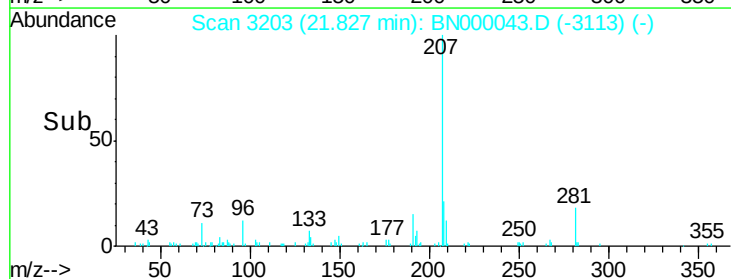
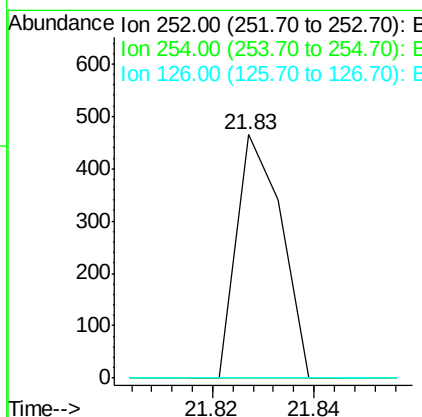
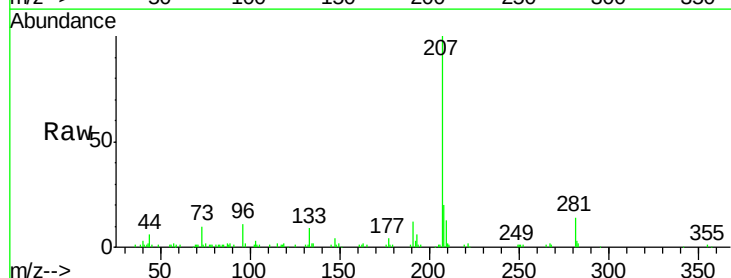
Instrument :
BNA_N
ClientSampleId :

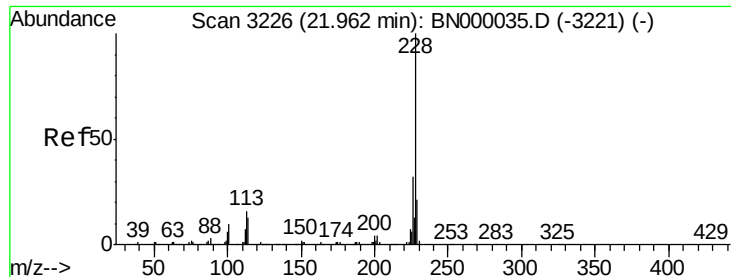
Tot Ion:228 Resp: 6867
Ion Ratio Lower Upper
228 100
226 11.1 22.7 34.1#
229 28.2 16.2 24.2#



#81
3,3'-Dichlorobenzidine
Concen: 0.00 ng
RT: 21.83 min Scan# 3203
Delta R.T. -0.00 min
Lab File: BN000043.D
Acq: 07 Feb 2018 19:49

Tgt Ion:252 Resp: 284
Ion Ratio Lower Upper
252 100
254 0.0 50.8 76.2#
126 0.0 7.4 11.2#





#82

Chrysene

Concen: 0.00 ng

RT: 21.96 min Scan# 3226

Delta R.T. -0.00 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

Instrument :

BNA_N

ClientSampleId :

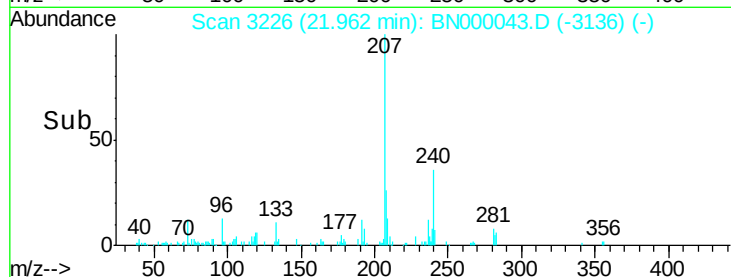
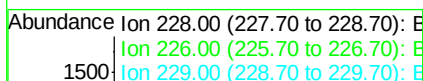
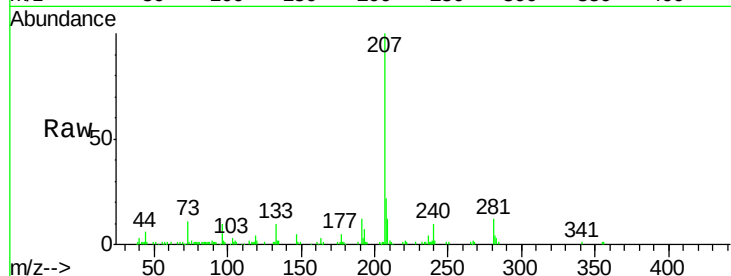
Tot Ion:228 Resp: 465

Ion Ratio Lower Upper

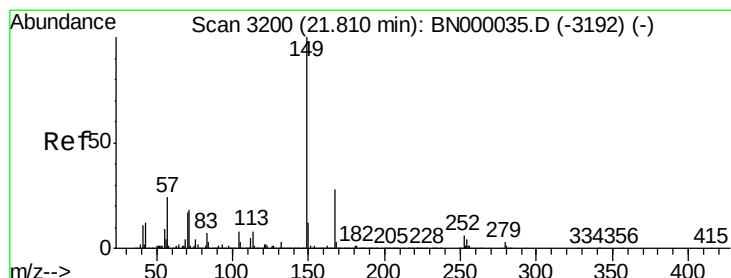
228 100

226 0.0 24.9 37.3#

229 0.0 15.0 22.4#



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.93 ng

RT: 21.80 min Scan# 3199

Delta R.T. -0.01 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

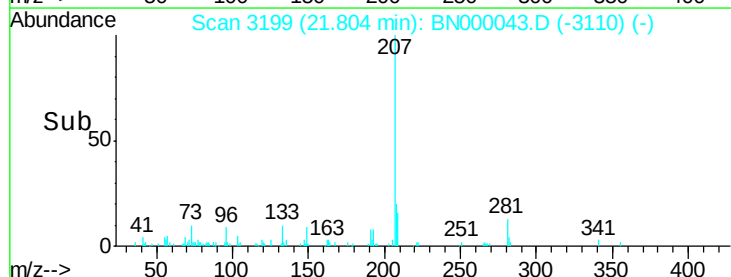
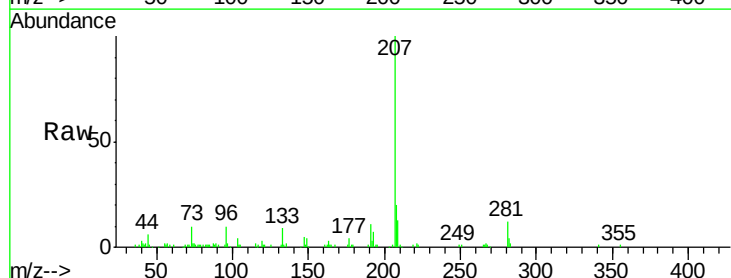
Tgt Ion:149 Resp: 3407

Ion Ratio Lower Upper

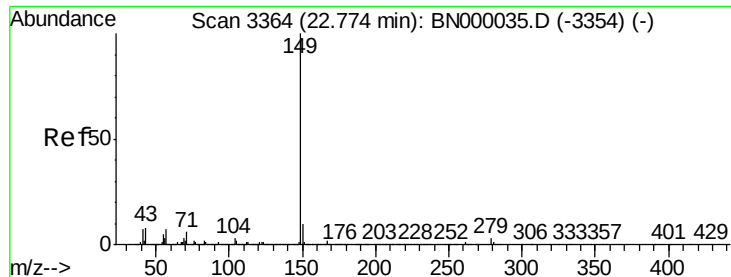
149 100

167 18.7 24.3 36.5#

279 0.0 4.0 6.0#



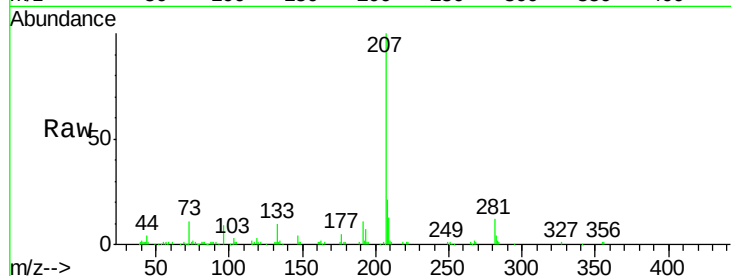
Time-->



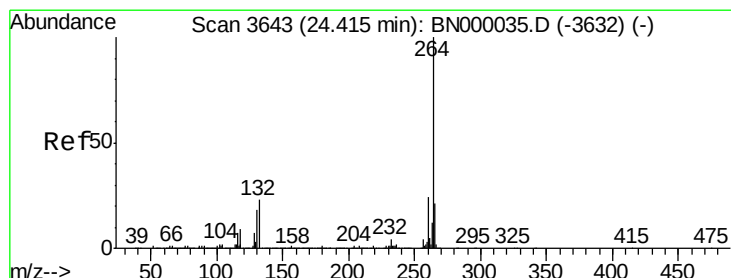
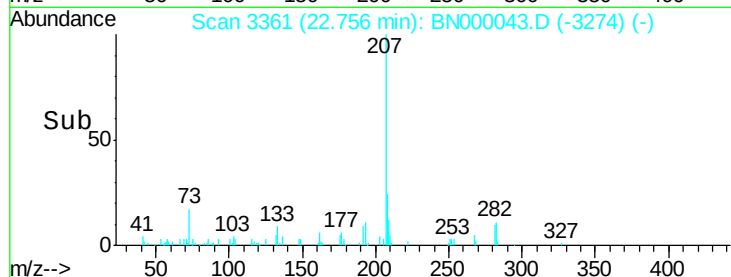
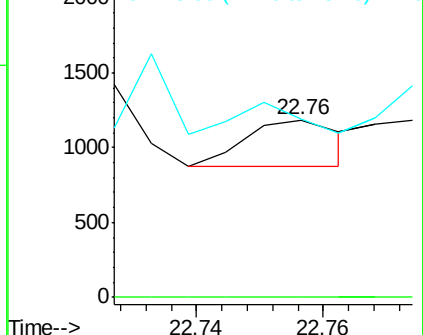
#84
Di-n-octyl phthalate
Concen: 6.73 ng
RT: 22.76 min Scan# 3361
Delta R.T. -0.02 min
Lab File: BN000043.D
Acq: 07 Feb 2018 19:49

Instrument :
BNA_N
ClientSampleId :

Tot Ion:149 Resp: 315
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.0#
43 149.8 8.9 13.3#

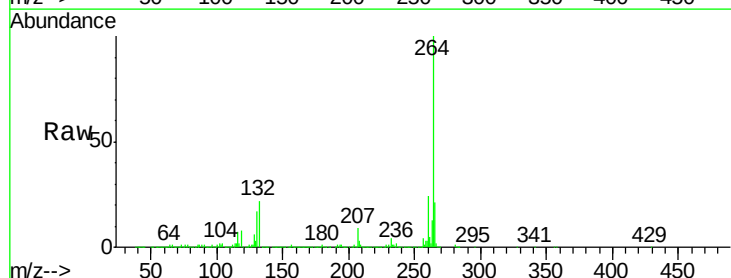


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BNC

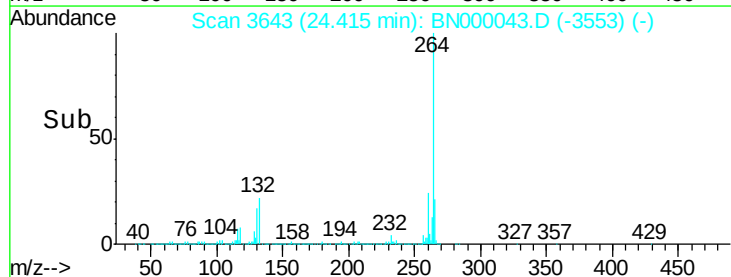
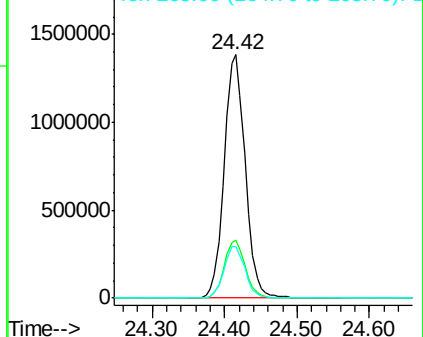


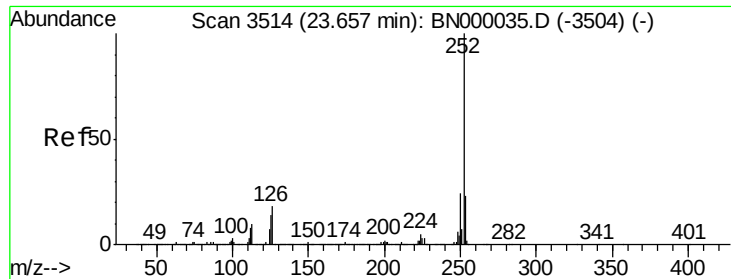
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.42 min Scan# 3643
Delta R.T. -0.00 min
Lab File: BN000043.D
Acq: 07 Feb 2018 19:49

Tgt Ion:264 Resp: 2790940
Ion Ratio Lower Upper
264 100
260 24.0 17.4 26.0
265 21.4 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





#87

Benzo(b)fluoranthene

Concen: 0.00 ng

RT: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

Instrument :

BNA_N

ClientSampled :

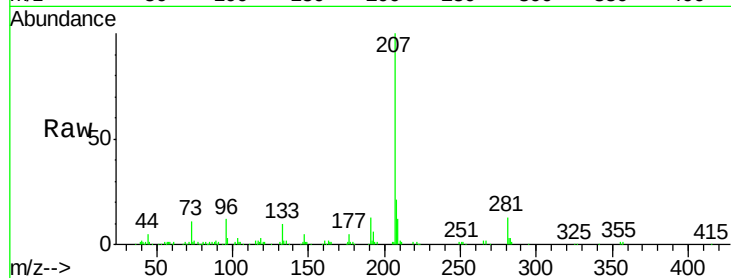
Tot Ion:252 Resp: 448

Ion Ratio Lower Upper

252 100

253 76.8 18.2 27.4#

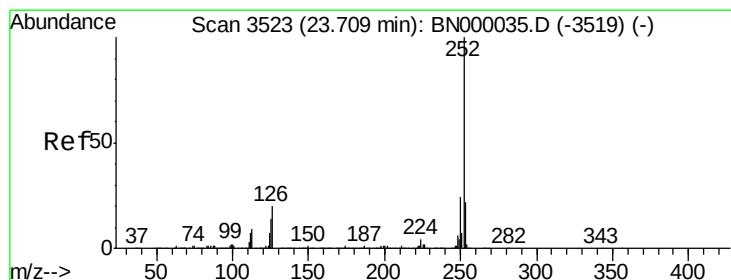
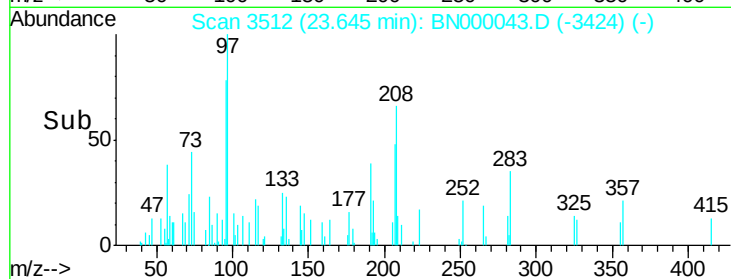
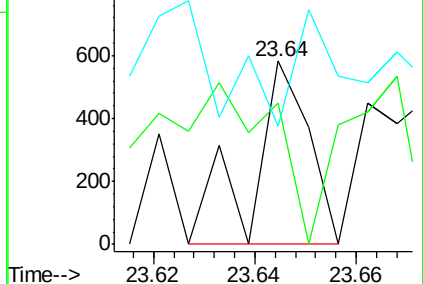
125 64.2 7.2 10.8#



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



#88

Benzo(k)fluoranthene

Concen: 0.00 ng

RT: 23.70 min Scan# 3521

Delta R.T. -0.01 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

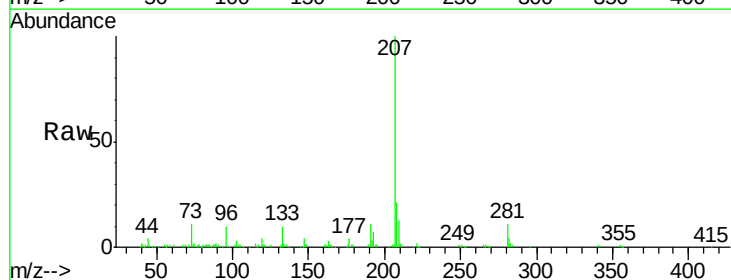
Tgt Ion:252 Resp: 362

Ion Ratio Lower Upper

252 100

253 88.8 17.4 26.2#

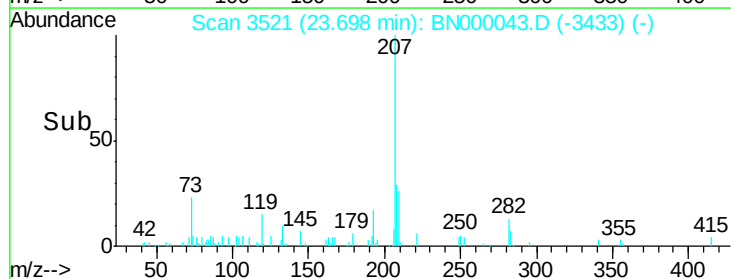
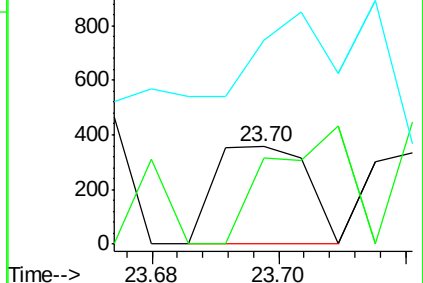
125 210.1 6.6 9.8#

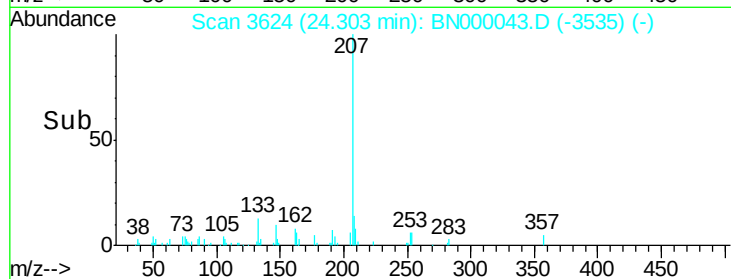
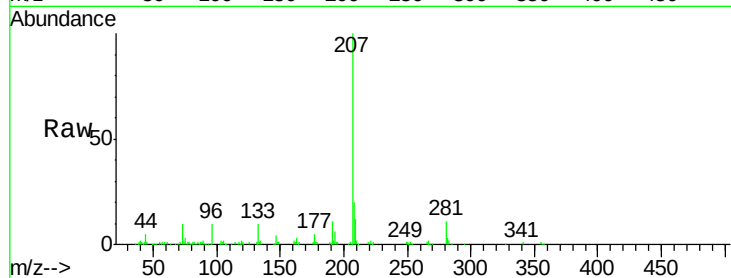
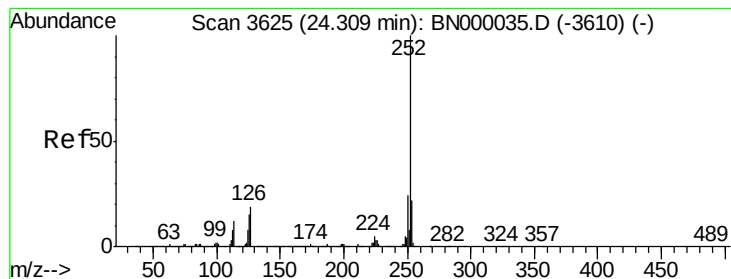


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.00 ng

RT: 24.30 min Scan# 3624

Delta R.T. -0.01 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

Instrument :

BNA_N

ClientSampleId :

Tot Ion:252 Resp: 338

Ion Ratio Lower Upper

252 100

253 91.3 18.3 27.5#

125 114.1 7.3 10.9#

