

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
 Data File : BN002152.D
 Acq On : 26 Jul 2018 00:47
 Operator : JU/SJ
 Sample : PB111180BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 26 05:04:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 20:08:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	244612	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	948005	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	506128	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	1029715	20.00	ng	0.00
75) Chrysene-d12	21.27	240	816977	20.00	ng	0.00
86) Perylene-d12	23.49	264	742003	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	1897709	124.90	ng	0.00
7) Phenol-d6	6.88	99	2477822	116.21	ng	0.00
23) Nitrobenzene-d5	8.84	82	1540920	83.36	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	768332	116.90	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	3274356	84.26	ng	0.00
78) Terphenyl-d14	19.71	244	3643232	93.01	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	537	0.094	ng	# 27
3) Pyridine	3.43	79	118	0.007	ng	# 1
4) n-Nitrosodimethylamine	3.58	42	539	0.076	ng	# 1
6) Aniline	7.23	93	2834	0.109	ng	# 1
8) 2-Chlorophenol	7.27	128	281	0.016	ng	# 17
9) Benzaldehyde	6.88	77	4069	0.310	ng	# 5
10) Phenol	7.23	94	4203	0.192	ng	# 1
11) bis(2-Chloroethyl)ether	7.23	93	2834	0.159	ng	# 1
15) Benzyl Alcohol	8.01	79	27175	1.689	ng	# 49
19) n-Nitroso-di-n-propylamine	8.84	70	206232	13.335	ng	# 78
22) Acetophenone	8.00	105	124	0.005	ng	# 1
24) Nitrobenzene	8.85	77	4978	0.260	ng	# 43
45) 1,1'-Biphenyl	13.16	154	4415	0.099	ng	# 97
47) 2-Nitroaniline	12.94	65	5869	0.531	ng	# 1
50) 2,6-Dinitrotoluene	14.32	165	64026	6.855	ng	# 20
51) Acenaphthene	14.32	154	2002	0.064	ng	# 5
56) 2,4-Dinitrotoluene	14.32	165	64026	5.051	ng	# 18
57) Fluorene	15.82	166	35282	0.919	ng	# 92
62) Azobenzene	15.82	77	4209	0.103	ng	# 19
64) 4,6-Dinitro-2-methylphenol	15.82	198	1968	0.283	ng	# 1
65) n-Nitrosodiphenylamine	15.82	169	26511	0.776	ng	# 42
66) 4-Bromophenyl-phenylether	15.82	248	53364	4.427	ng	# 1
70) Phenanthrene	17.11	178	796	0.014	ng	# 60
71) Anthracene	17.11	178	796	0.014	ng	# 59
73) Di-n-butylphthalate	18.05	149	255	0.004	ng	# 78
74) Fluoranthene	19.15	202	122	0.002	ng	# 65
76) Benzdine	19.71	184	51580	1.936	ng	# 95
77) Pyrene	19.71	202	12374	0.220	ng	# 67
79) Butylbenzylphthalate	20.50	149	117	0.005	ng	# 20
80) Benzo(a)anthracene	21.27	228	2016	0.040	ng	# 53
82) Chrysene	21.27	228	2016	0.043	ng	# 49
83) Bis(2-ethylhexyl)phthalate	21.19	149	1623	0.047	ng	# 50
84) Di-n-octyl phthalate	22.05	149	331	0.006	ng	# 34
87) Benzo(b)fluoranthene	22.84	252	124	0.003	ng	# 1

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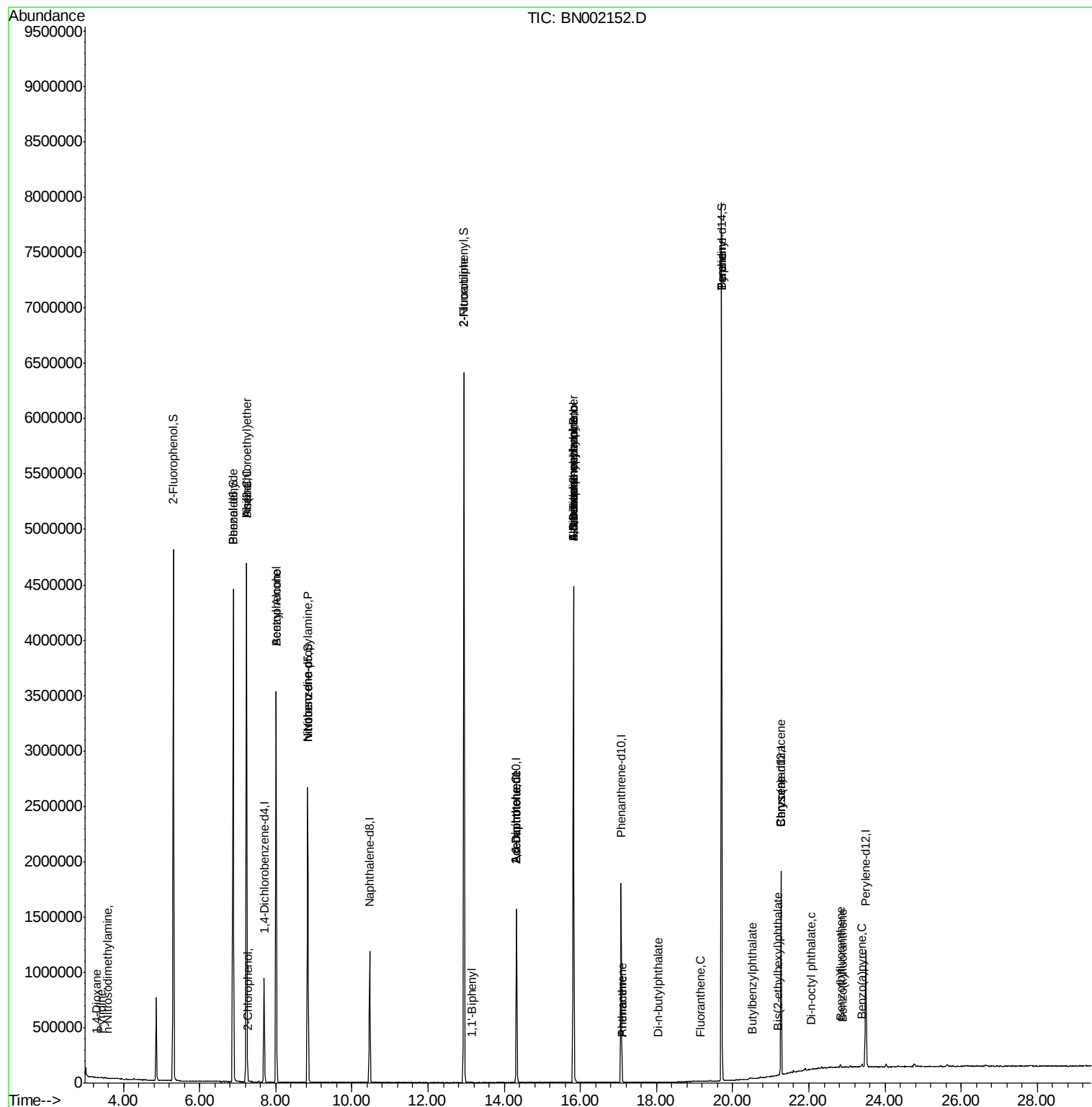
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(k)fluoranthene	22.87	252	126	0.003	ng	# 60
89) Benzo(a)pyrene	23.40	252	110	0.003	ng	# 1

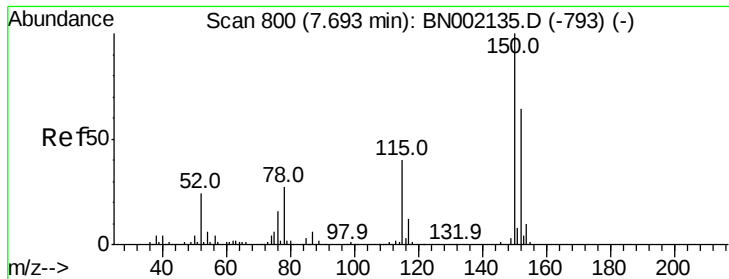
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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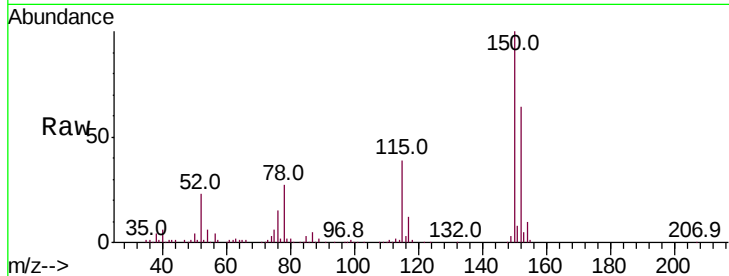


#1

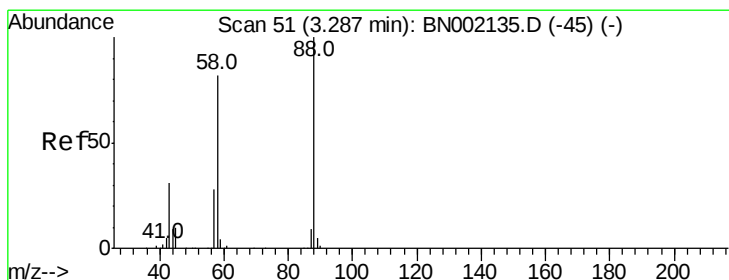
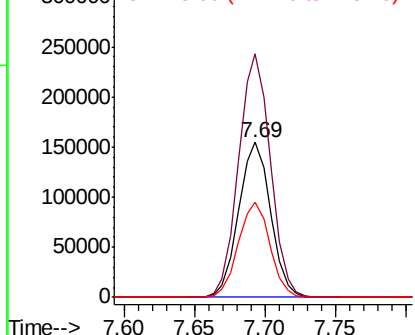
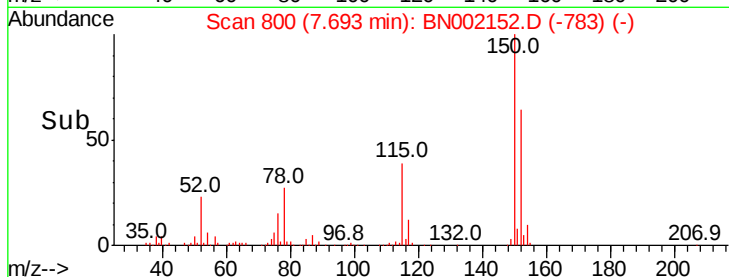
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 800
Delta R.T. 0.00 min
Lab File: BN002152.D
Acq: 26 Jul 2018 00:47

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 244612
Ion Ratio Lower Upper
152 100
150 157.2 126.6 189.8
115 61.1 53.0 79.4



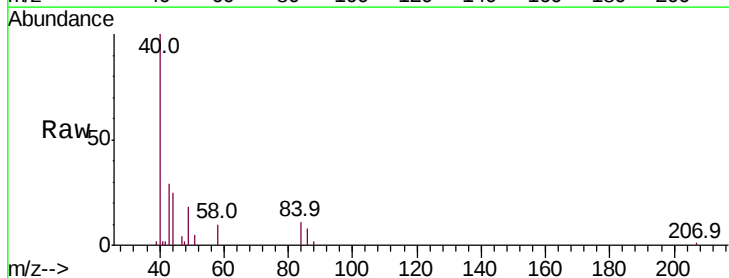
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



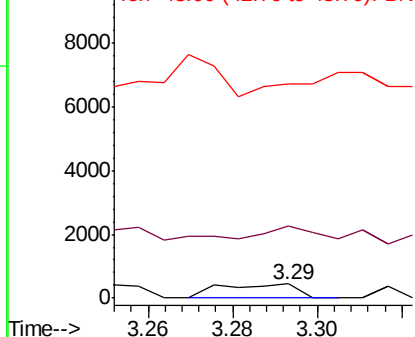
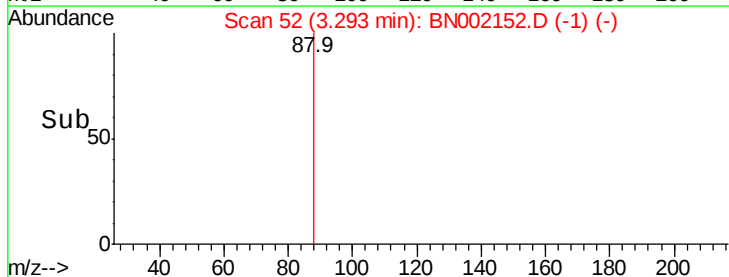
#2

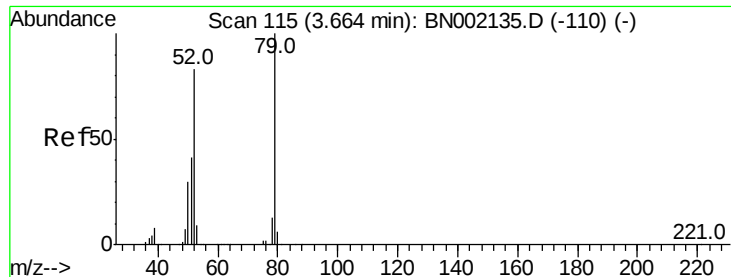
1,4-Dioxane
Concen: 0.094 ng
RT: 3.29 min Scan# 52
Delta R.T. 0.01 min
Lab File: BN002152.D
Acq: 26 Jul 2018 00:47

Tgt Ion: 88 Resp: 537
Ion Ratio Lower Upper
88 100
58 129.4 52.0 78.0#
43 0.0 20.0 30.0#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

Pvridine

Concen: 0.007 ng

RT: 3.43 min Scan# 75

Delta R.T. -0.24 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

Instrument :

BNA_N

ClientSampleId :

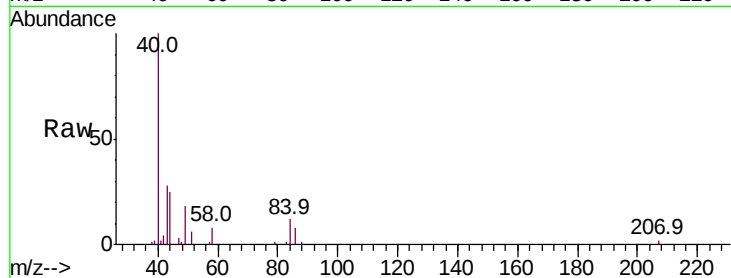
Tot Ion: 79 Resp: 118

Ion Ratio Lower Upper

79 100

52 0.0 44.0 66.0#

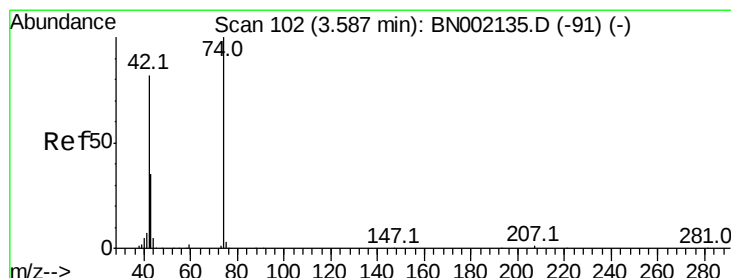
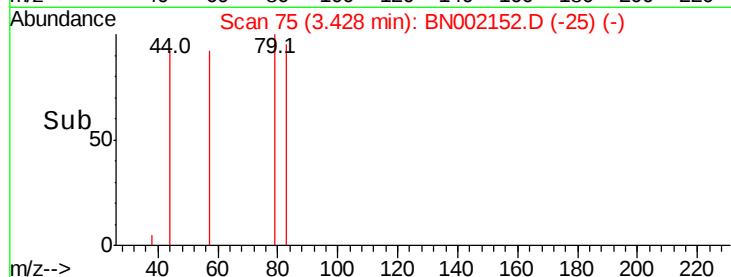
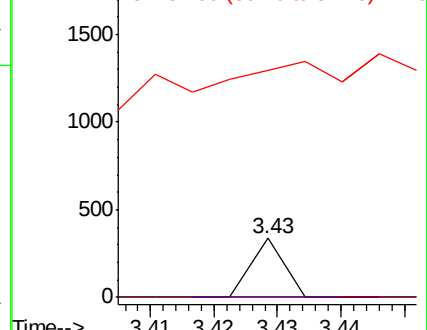
51 387.2 24.0 36.0#



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: 0.076 ng

RT: 3.58 min Scan# 101

Delta R.T. -0.01 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

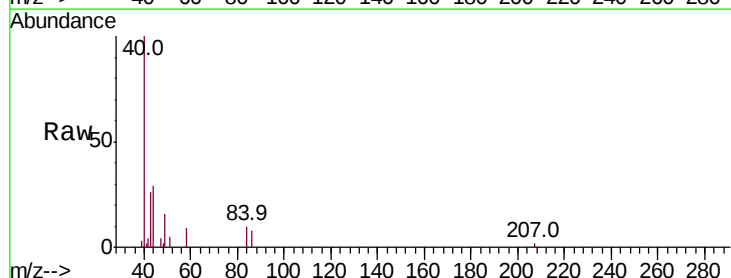
Tgt Ion: 42 Resp: 539

Ion Ratio Lower Upper

42 100

74 0.0 128.0 192.0#

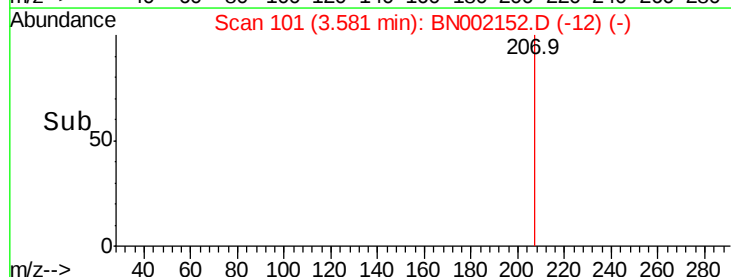
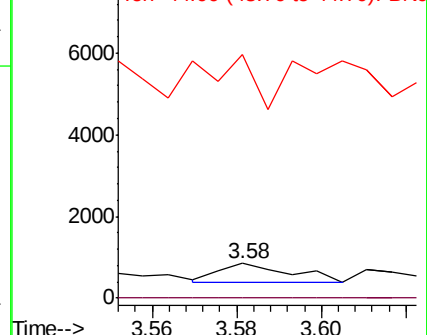
44 706.6 12.0 18.0#

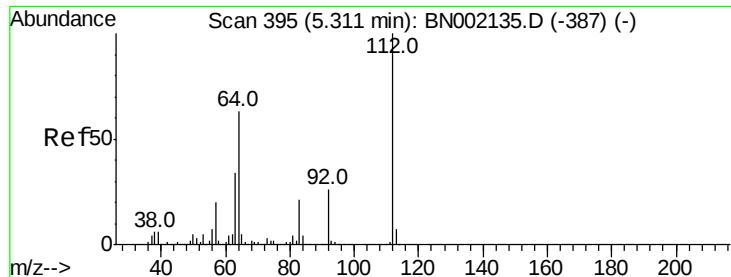


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#5

2-Fluorophenol

Concen: 124.899 ng

RT: 5.31 min Scan# 395

Delta R.T. 0.00 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

Instrument :

BNA_N

ClientSampleId :

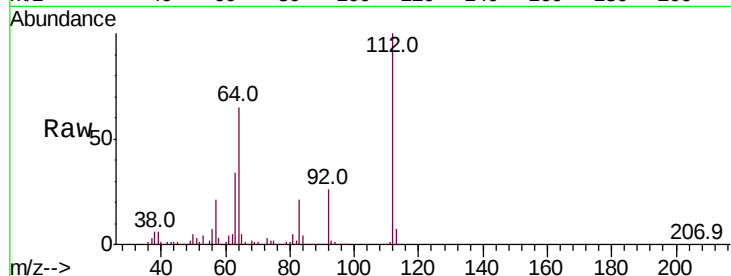
Tot Ion:112 Resp: 1897709

Ion Ratio Lower Upper

112 100

64 65.2 56.3 84.5

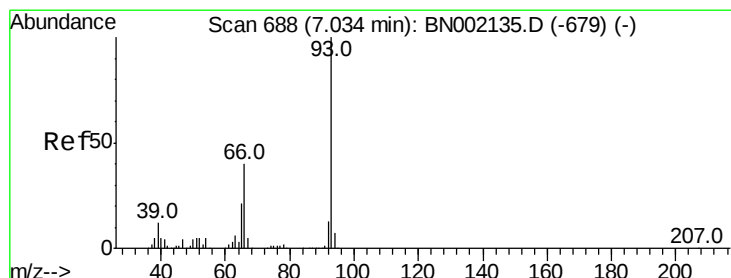
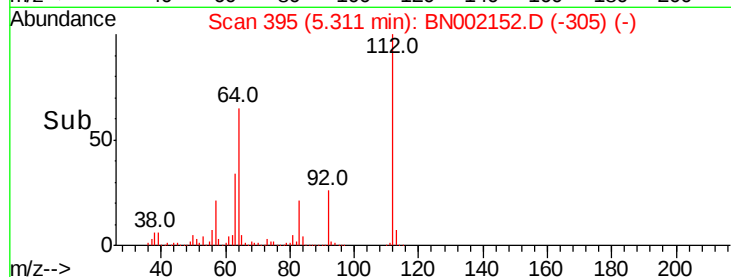
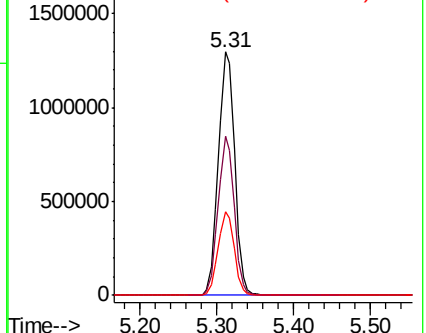
63 34.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 0.109 ng

RT: 7.23 min Scan# 721

Delta R.T. 0.19 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

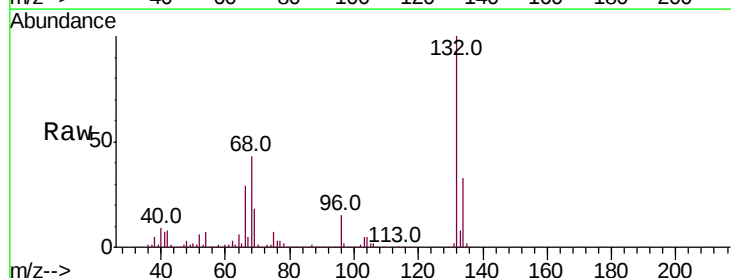
Tgt Ion: 93 Resp: 2834

Ion Ratio Lower Upper

93 100

66 19513.9 33.7 50.5#

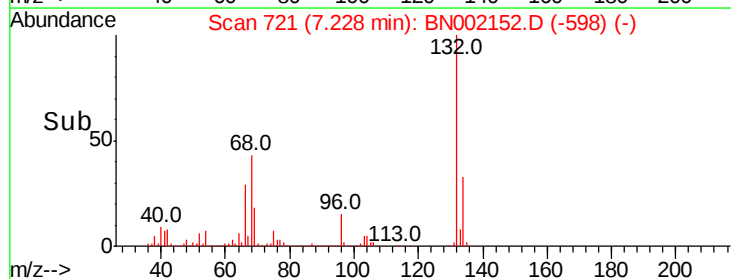
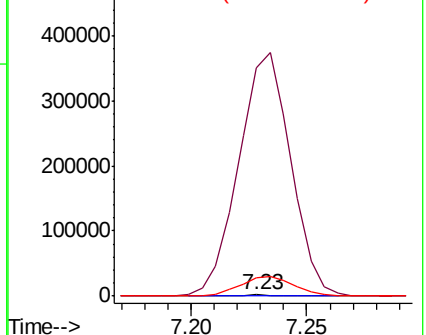
65 1584.4 16.1 24.1#

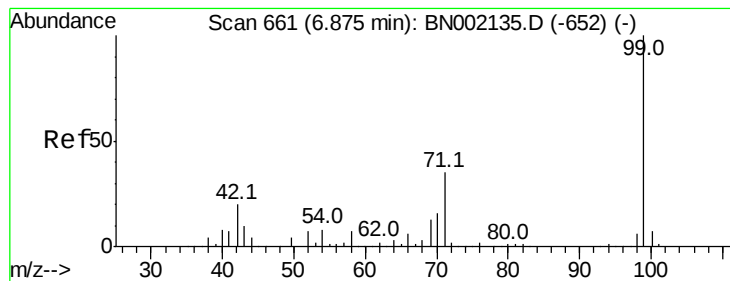


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 116.210 ng

RT: 6.88 min Scan# 662

Delta R.T. 0.01 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

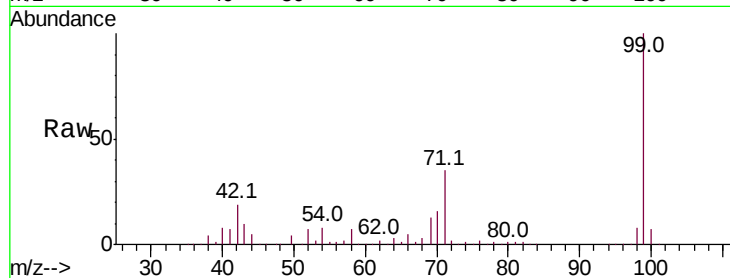
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 99 Resp: 2477822

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.1	21.1
71	35.0	26.1	39.1

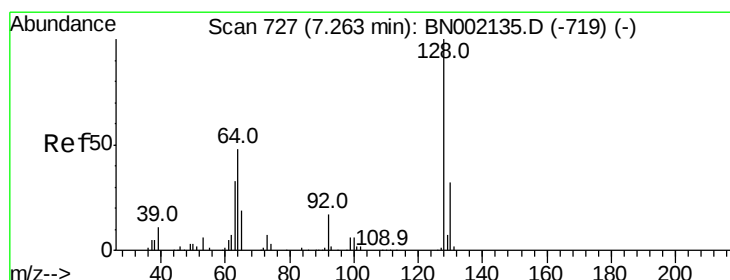
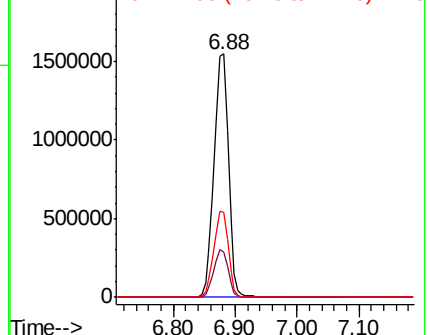
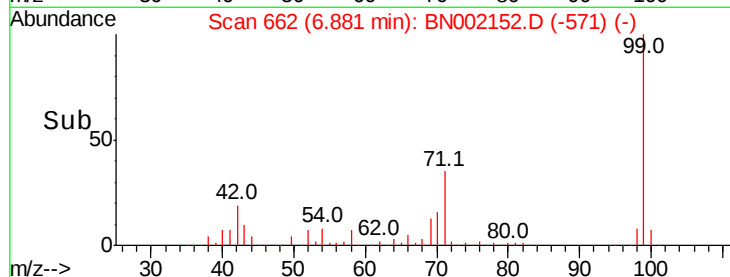


Abundance

Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC



#8

2-Chlorophenol

Concen: 0.016 ng

RT: 7.27 min Scan# 728

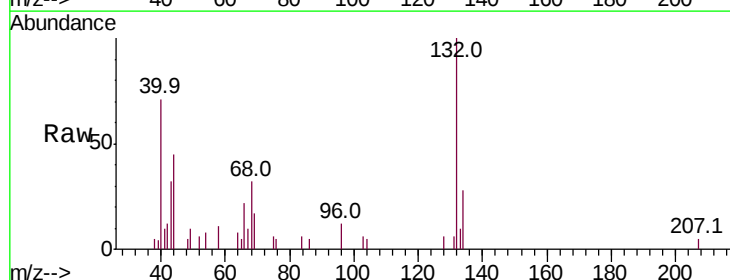
Delta R.T. 0.01 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

Tgt Ion:128 Resp: 281

Ion	Ratio	Lower	Upper
128	100		
130	0.0	14.0	54.0#
64	129.7	37.7	77.7#

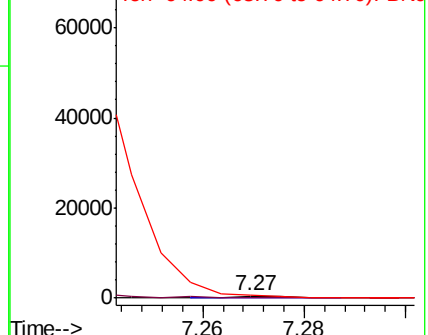
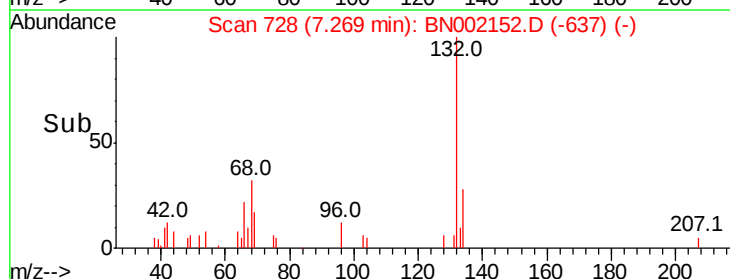


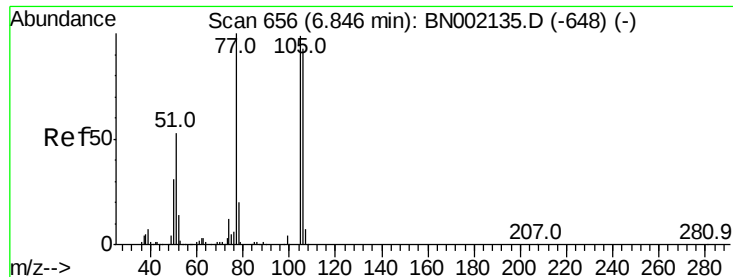
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BNC





#9

Benzaldehyde

Concen: 0.310 ng

RT: 6.88 min Scan# 662

Delta R.T. 0.04 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

Instrument :

BNA_N

ClientSampleId :

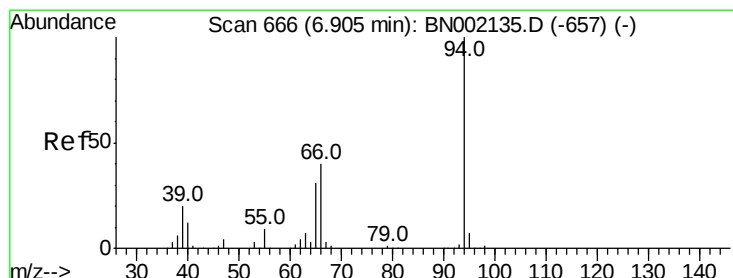
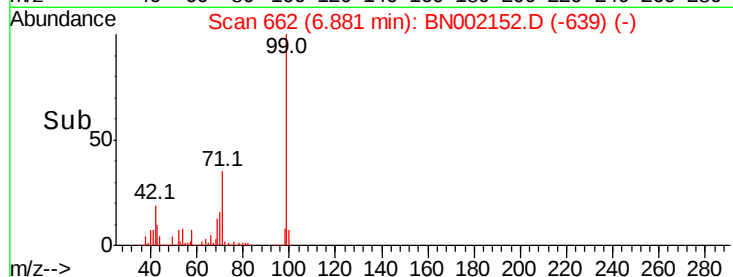
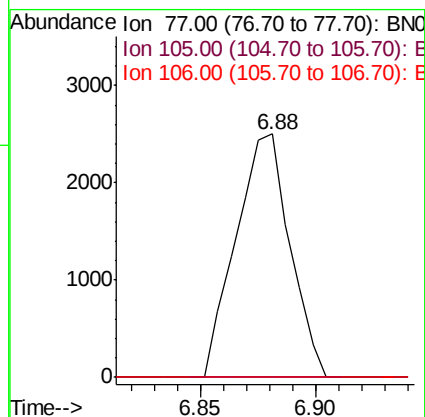
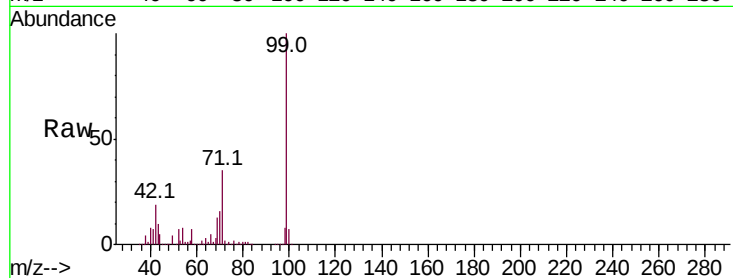
Tot Ion: 77 Resp: 4069

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

106 0.0 64.2 104.2#



#10

Phenol

Concen: 0.192 ng

RT: 7.23 min Scan# 721

Delta R.T. 0.32 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

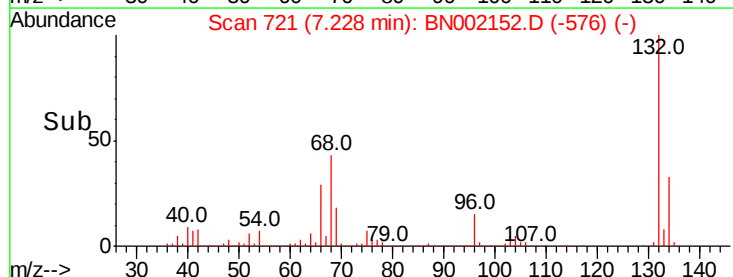
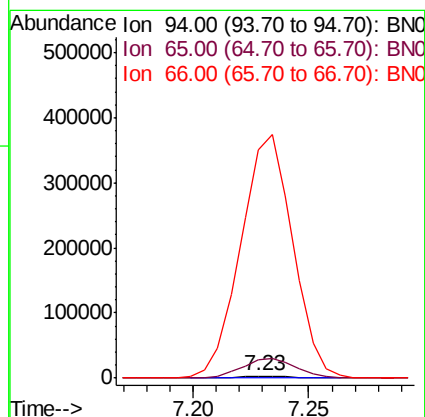
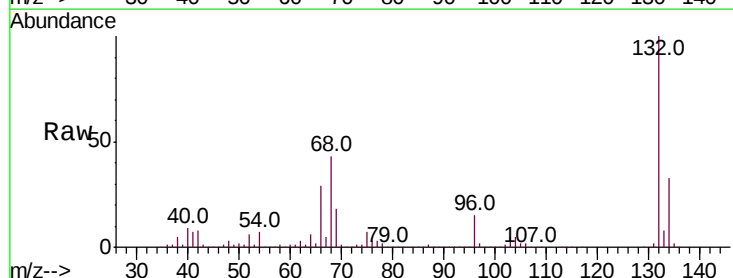
Tgt Ion: 94 Resp: 4203

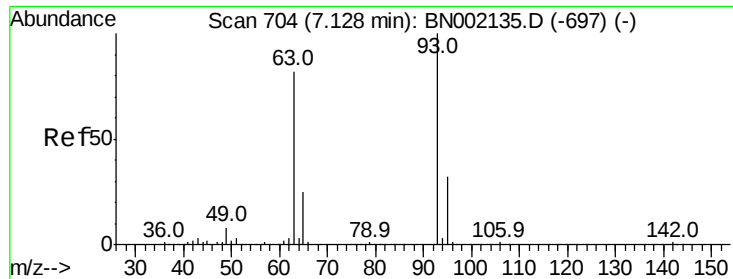
Ion Ratio Lower Upper

94 100

65 1015.9 11.9 51.9#

66 12511.8 22.2 62.2#





#11

bis(2-Chloroethyl)ether

Concen: 0.159 ng

RT: 7.23 min Scan# 721

Delta R.T. 0.10 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

Instrument :

BNA_N

ClientSampled :

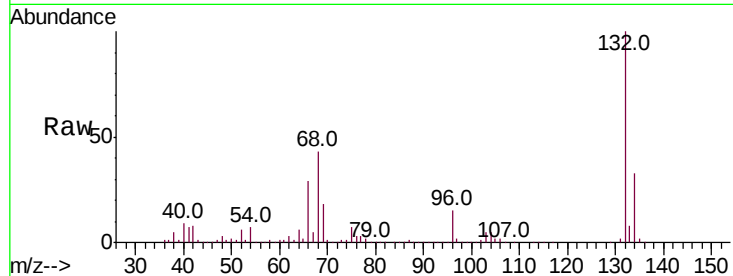
Tot Ion: 93 Resp: 2834

Ion Ratio Lower Upper

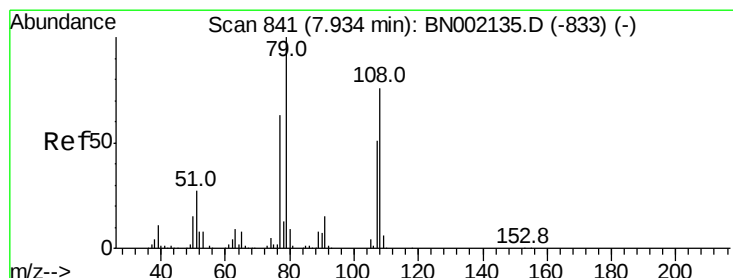
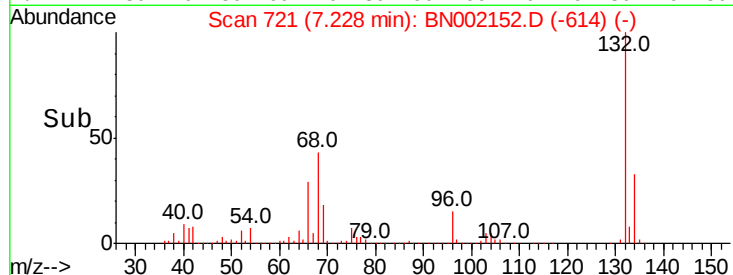
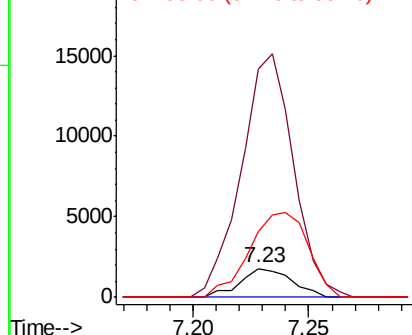
93 100

63 790.5 67.1 107.1#

95 225.6 11.5 51.5#



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0



#15

Benzyl Alcohol

Concen: 1.689 ng

RT: 8.01 min Scan# 854

Delta R.T. 0.08 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

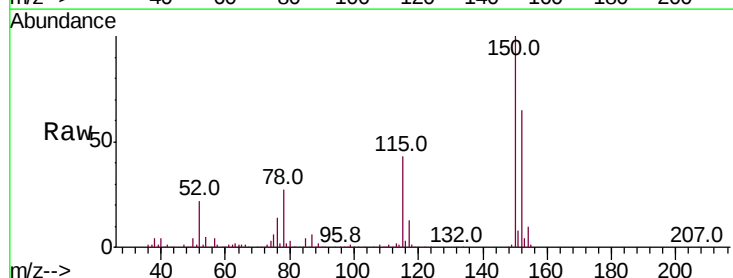
Tgt Ion: 79 Resp: 27175

Ion Ratio Lower Upper

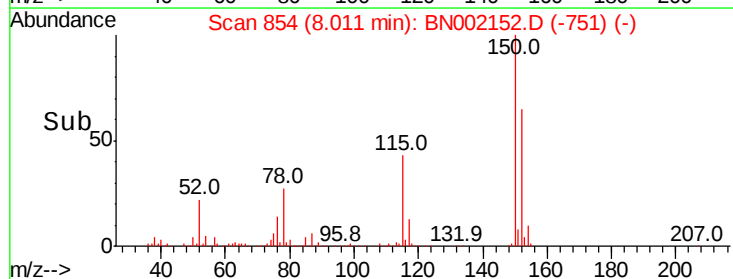
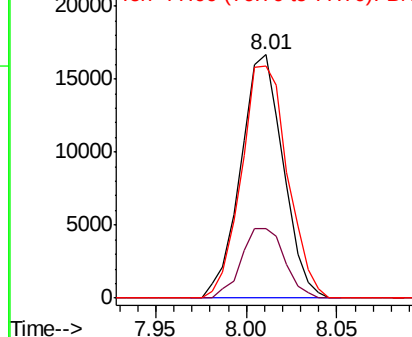
79 100

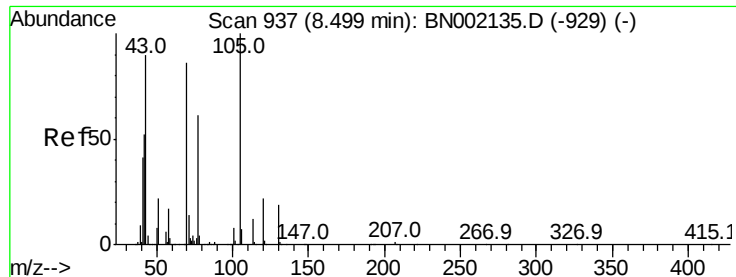
108 28.8 57.2 85.8#

77 95.2 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BN0
Ion 108.00 (107.70 to 108.70): BN0
Ion 77.00 (76.70 to 77.70): BN0





#19

n-Nitroso-di-n-propylamine

Concen: 13.335 ng

RT: 8.84 min Scan# 995

Delta R.T. 0.34 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 206232

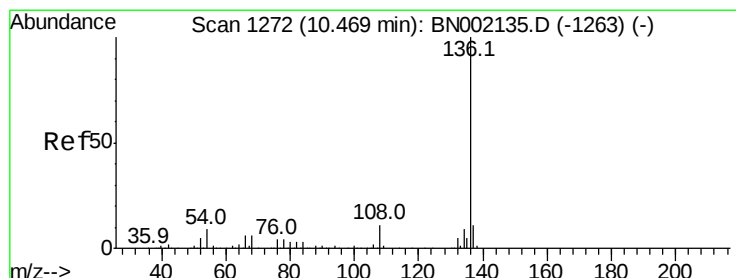
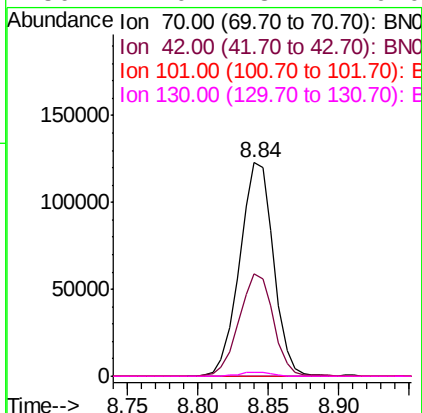
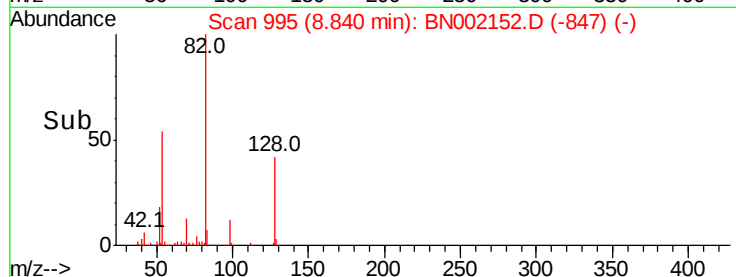
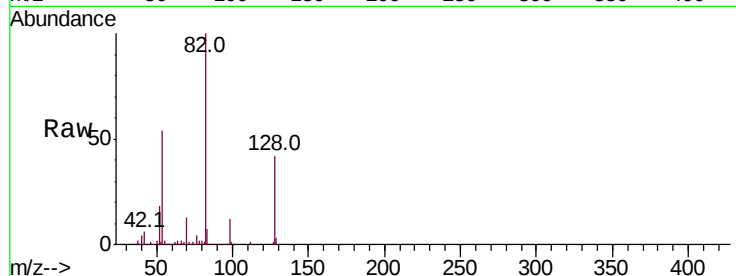
Ion Ratio Lower Upper

70 100

42 47.8 49.1 73.7#

101 0.0 8.5 12.7#

130 2.0 13.4 20.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

Tgt Ion: 136 Resp: 948005

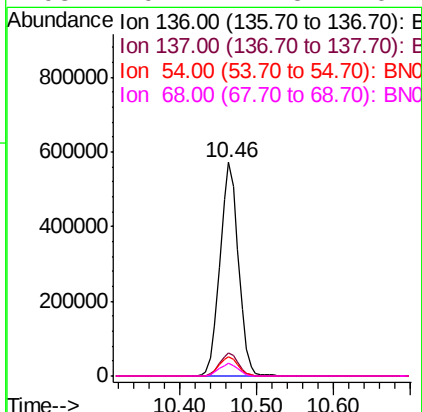
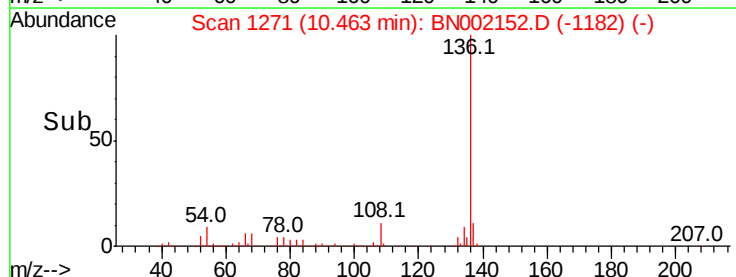
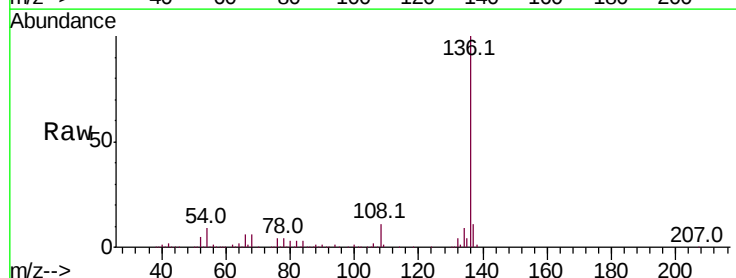
Ion Ratio Lower Upper

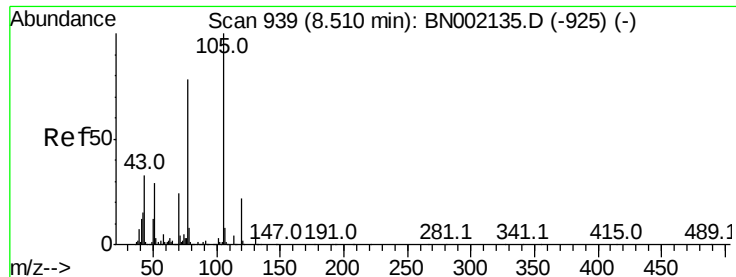
136 100

137 10.9 9.2 13.8

54 9.3 10.3 15.5#

68 6.1 4.5 6.7





#22

Acetophenone

Concen: 0.005 ng

RT: 8.00 min Scan# 853

Delta R.T. -0.51 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

Instrument :

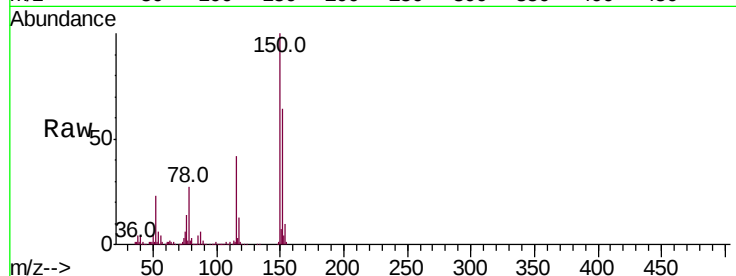
BNA_N

ClientSampled :

Tot Ion:105 Resp: 124

Ion Ratio Lower Upper

105	100		
71	451.0	3.0	4.4#
51	1426.5	26.1	39.1#
120	246.7	17.4	26.2#

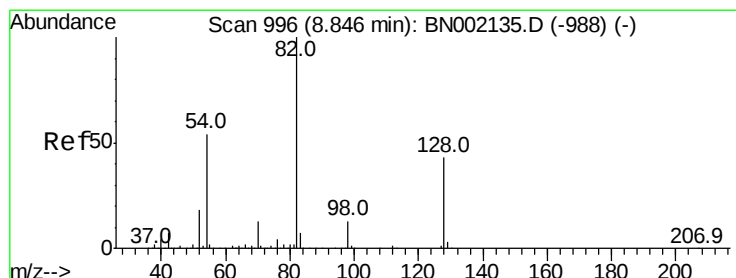
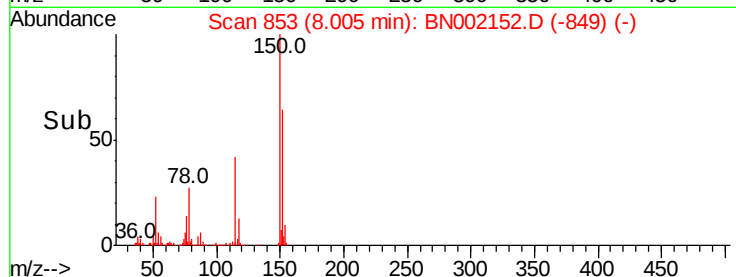
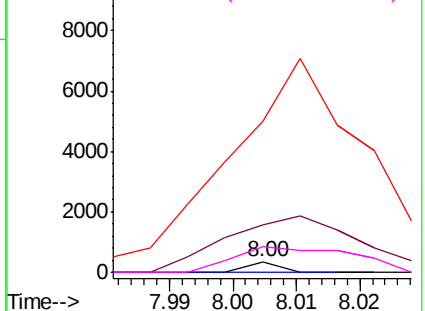


Abundance Ion 105.00 (104.70 to 105.70): E

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



#23

Nitrobenzene-d5

Concen: 83.357 ng

RT: 8.84 min Scan# 995

Delta R.T. -0.01 min

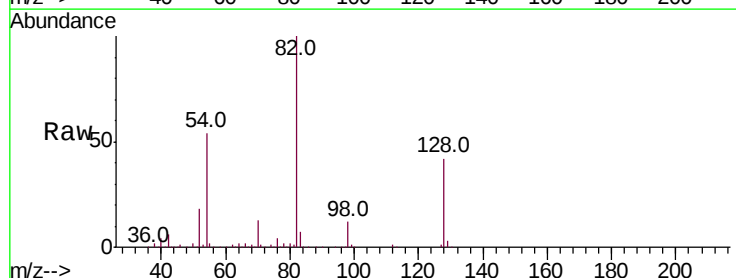
Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

Tgt Ion: 82 Resp: 1540920

Ion Ratio Lower Upper

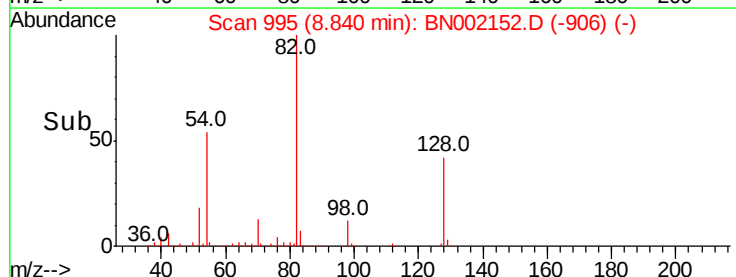
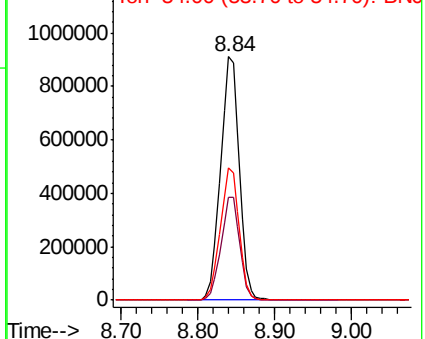
82	100		
128	42.4	29.7	44.5
54	54.3	43.1	64.7

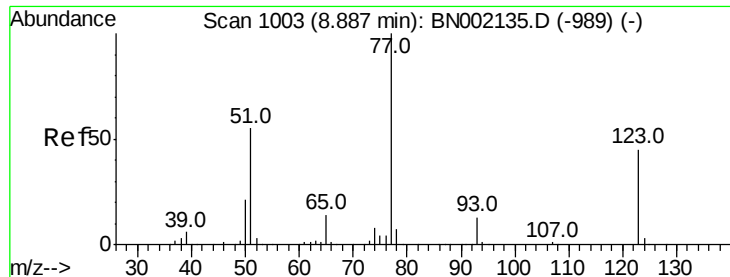


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

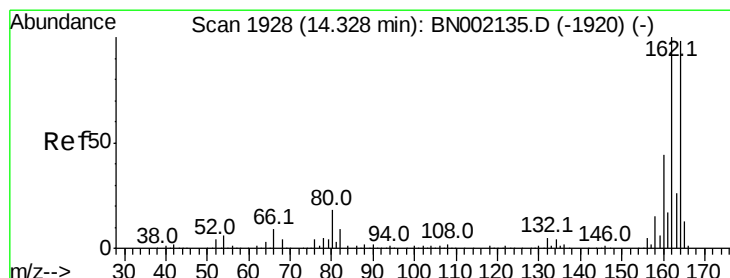
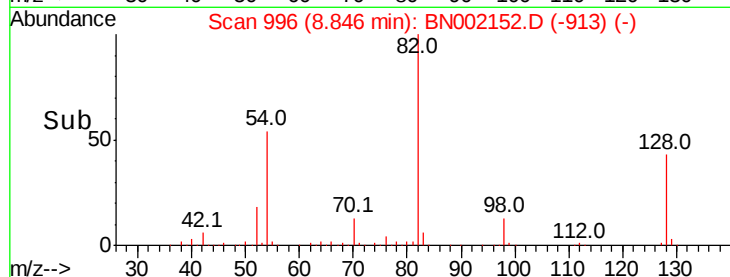
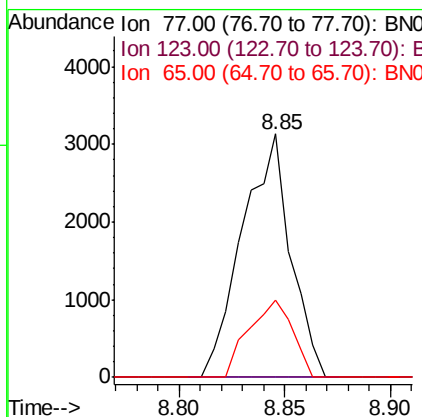
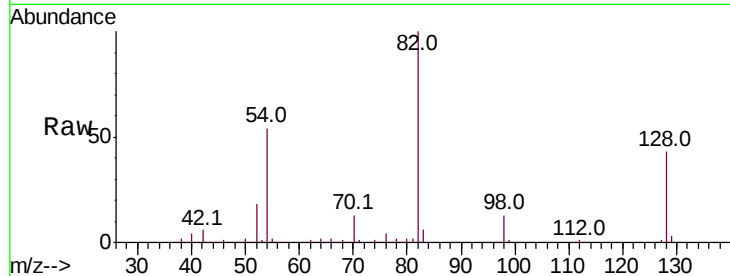




#24
Nitrobenzene
Concen: 0.260 ng
RT: 8.85 min Scan# 996
Delta R.T. -0.04 min
Lab File: BN002152.D
Acq: 26 Jul 2018 00:47

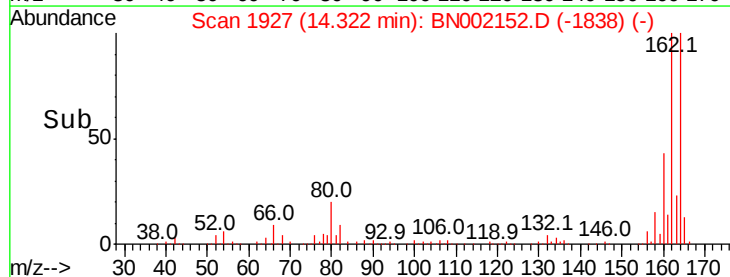
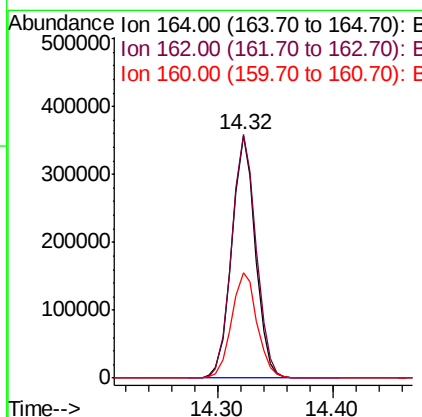
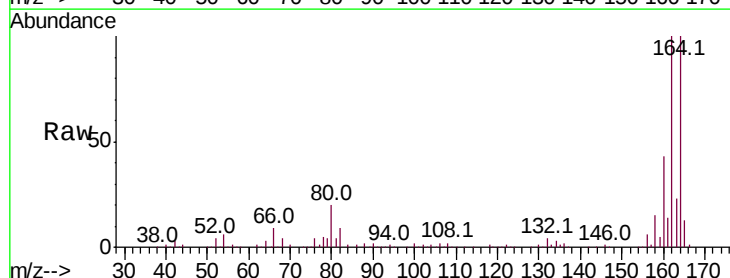
Instrument :
BNA_N
ClientSampled :

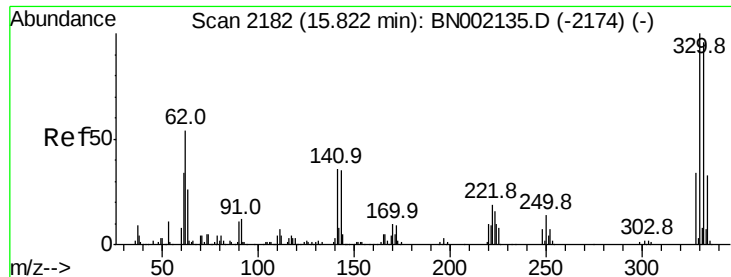
Tot Ion: 77 Resp: 4978
Ion Ratio Lower Upper
77 100
123 0.0 33.0 49.6#
65 31.8 13.0 19.6#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BN002152.D
Acq: 26 Jul 2018 00:47

Tgt Ion: 164 Resp: 506128
Ion Ratio Lower Upper
164 100
162 100.4 78.8 118.2
160 43.3 35.4 53.0

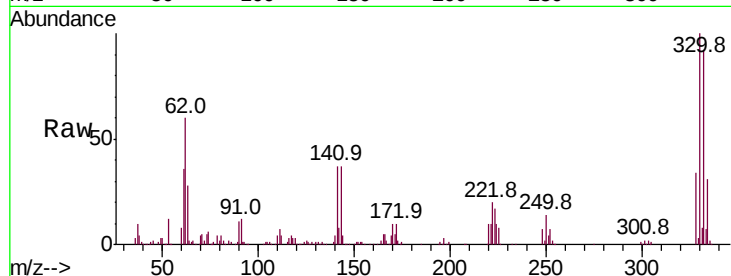




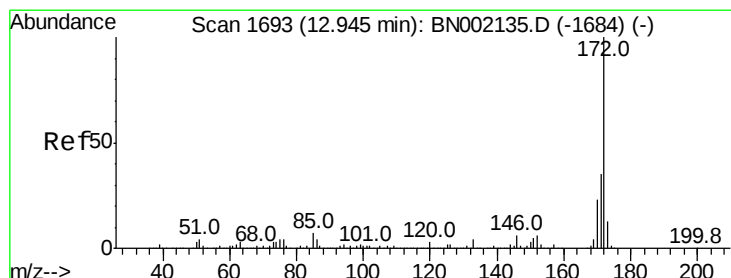
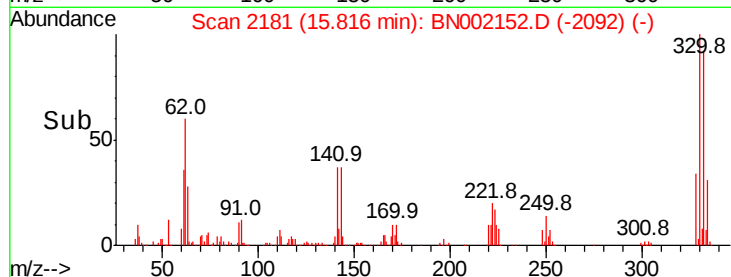
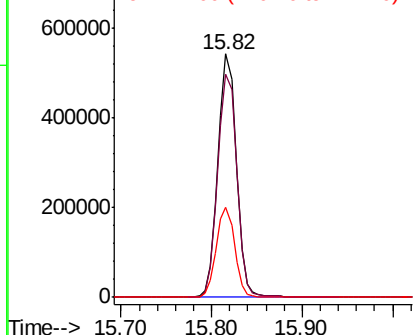
#41
 2,4,6-Tribromophenol
 Concen: 116.905 ng
 RT: 15.82 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BN002152.D
 Acq: 26 Jul 2018 00:47

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 768332
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 37.1 25.2 37.8

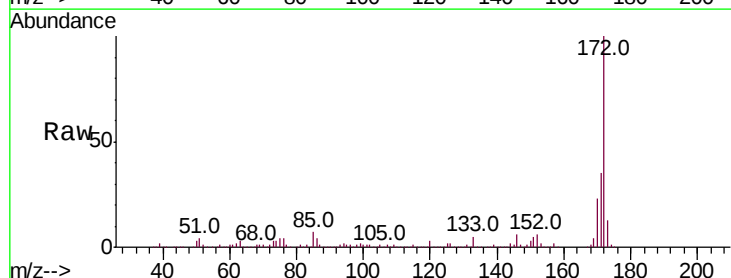


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

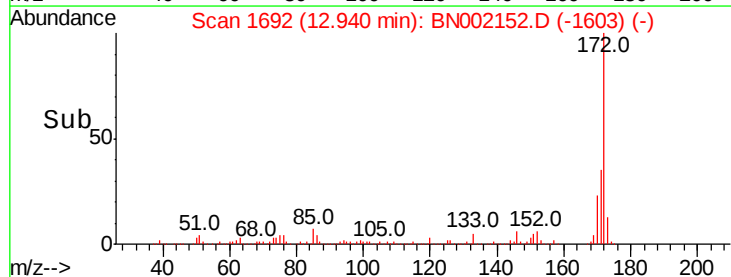
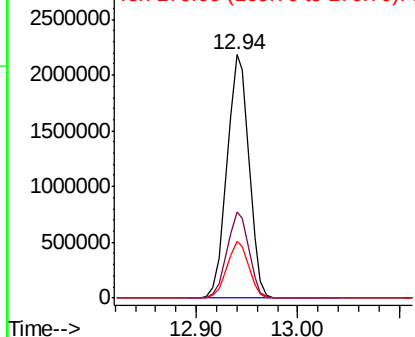


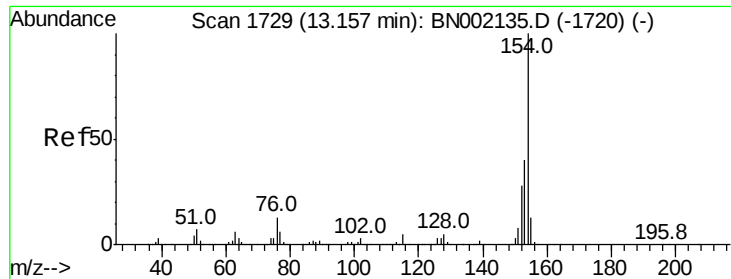
#44
 2-Fluorobiphenyl
 Concen: 84.265 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BN002152.D
 Acq: 26 Jul 2018 00:47

Tgt Ion:172 Resp: 3274356
 Ion Ratio Lower Upper
 172 100
 171 35.4 30.0 45.0
 170 23.4 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: 0.099 ng

RT: 13.16 min Scan# 1729

Delta R.T. 0.00 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

Instrument :

BNA_N

ClientSampleId :

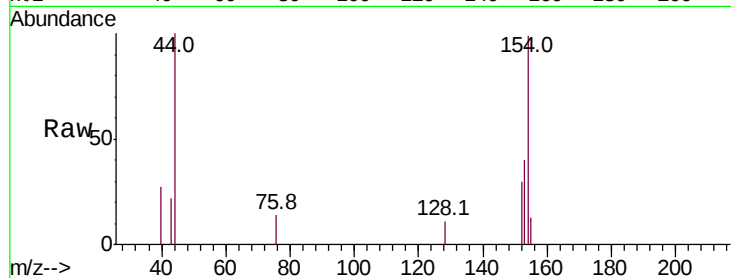
Tot Ion:154 Resp: 4415

Ion Ratio Lower Upper

154 100

153 40.6 19.8 59.8

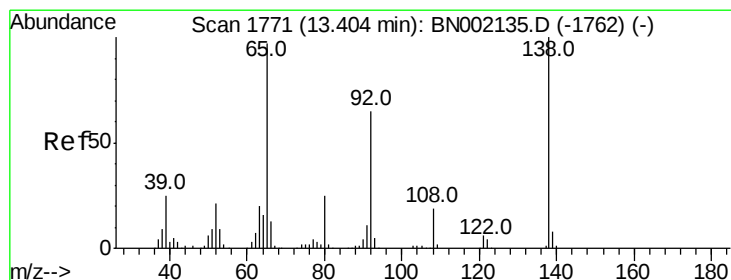
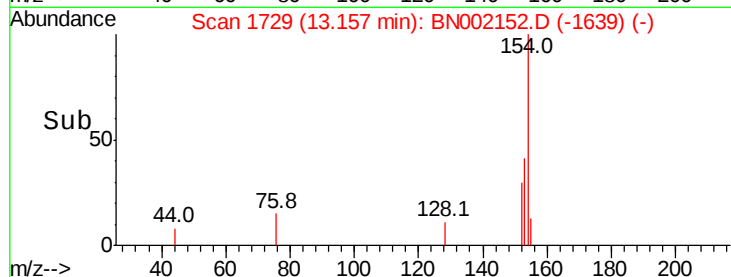
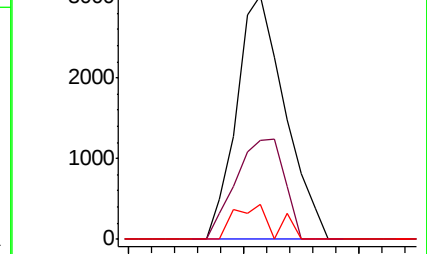
76 14.6 0.0 31.9



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: 0.531 ng

RT: 12.94 min Scan# 1692

Delta R.T. -0.46 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

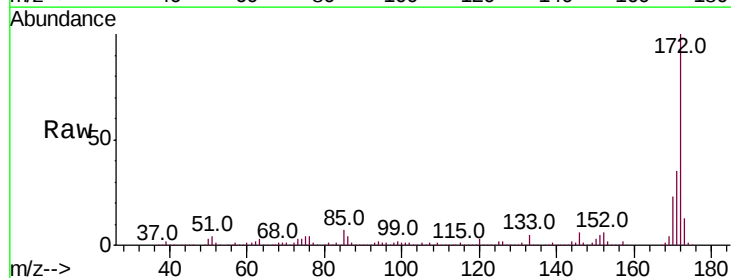
Tgt Ion: 65 Resp: 5869

Ion Ratio Lower Upper

65 100

92 218.4 54.6 82.0#

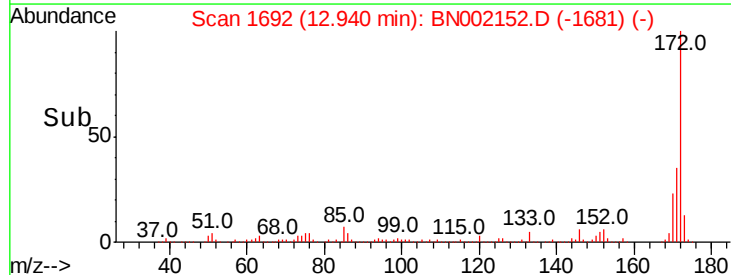
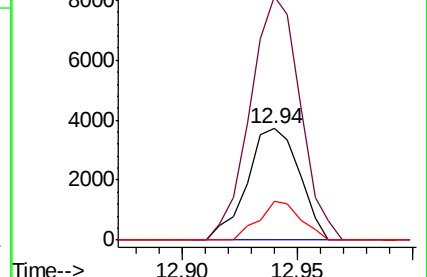
138 35.3 72.9 109.3#

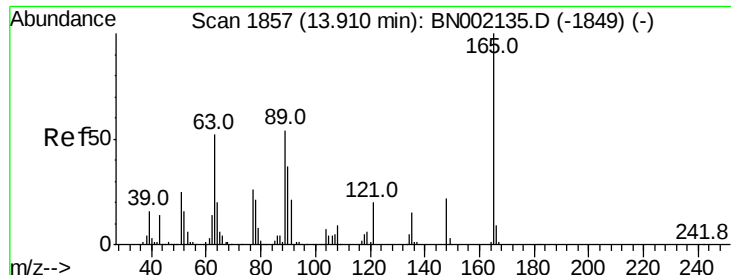


Abundance Ion 65.00 (64.70 to 65.70): BNC

Ion 92.00 (91.70 to 92.70): BNC

Ion 138.00 (137.70 to 138.70): E

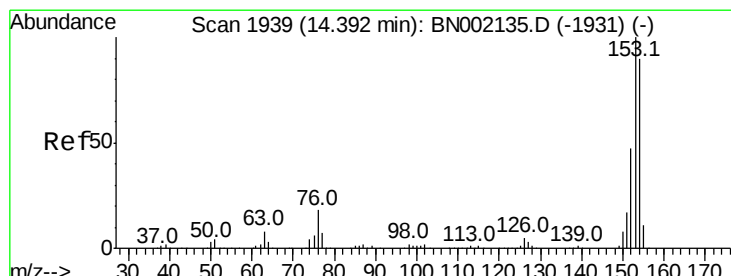
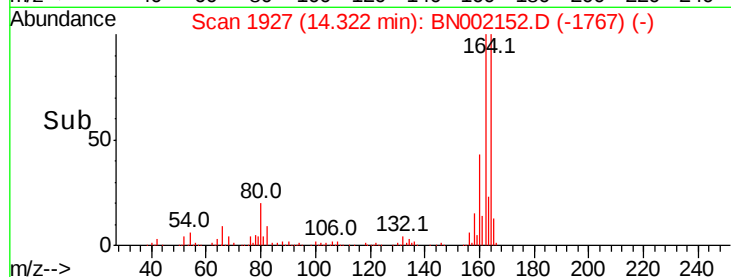
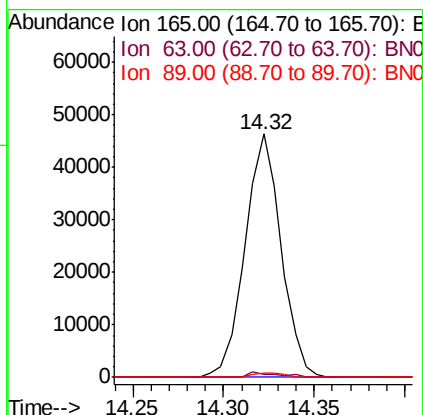
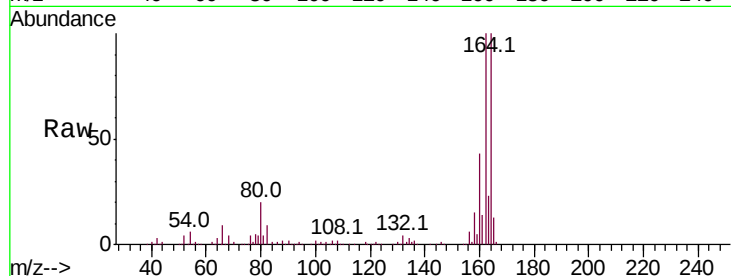




#50
2,6-Dinitrotoluene
Concen: 6.855 ng
RT: 14.32 min Scan# 1927
Delta R.T. 0.41 min
Lab File: BN002152.D
Acq: 26 Jul 2018 00:47

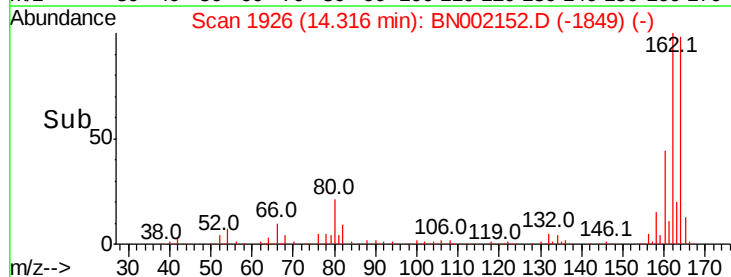
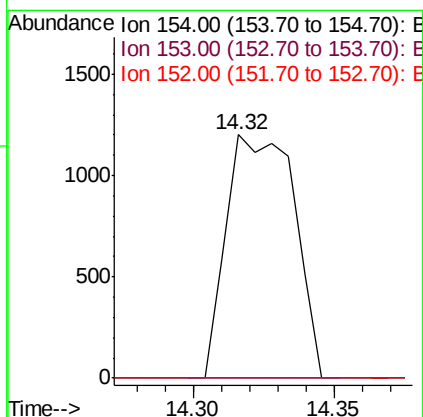
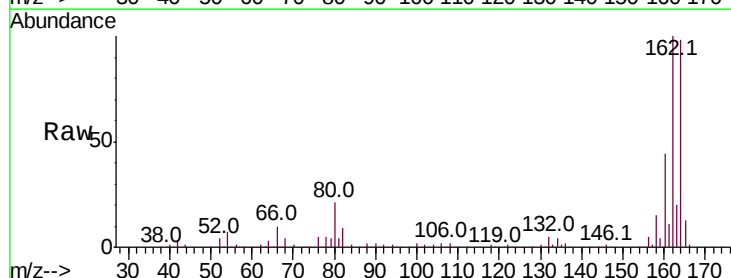
Instrument :
BNA_N
ClientSampleId :

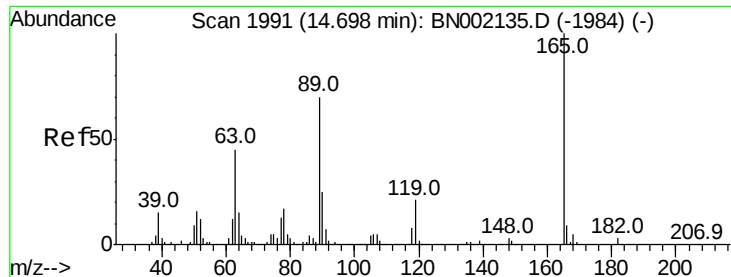
Tot Ion:165 Resp: 64026
Ion Ratio Lower Upper
165 100
63 1.2 52.7 79.1#
89 1.5 49.2 73.8#



#51
Acenaphthene
Concen: 0.064 ng
RT: 14.32 min Scan# 1926
Delta R.T. -0.08 min
Lab File: BN002152.D
Acq: 26 Jul 2018 00:47

Tgt Ion:154 Resp: 2002
Ion Ratio Lower Upper
154 100
153 0.0 90.4 135.6#
152 0.0 41.6 62.4#

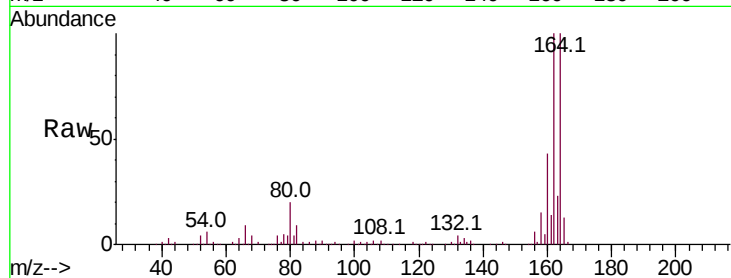




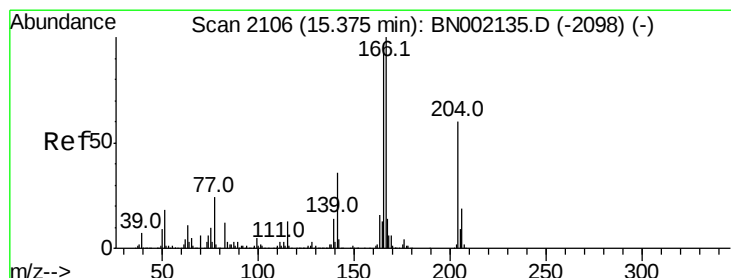
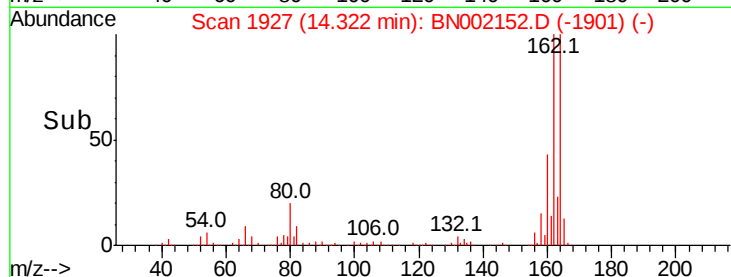
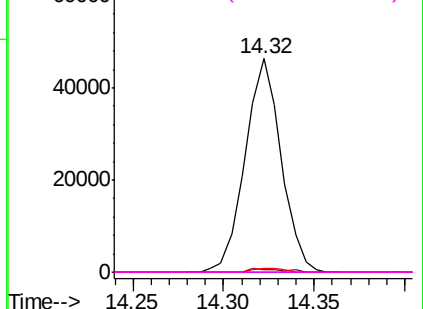
#56
2,4-Dinitrotoluene
Concen: 5.051 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.38 min
Lab File: BN002152.D
Acq: 26 Jul 2018 00:47

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.0	63.0#
89	1.5	66.9	100.3#
182	0.0	2.6	3.8#

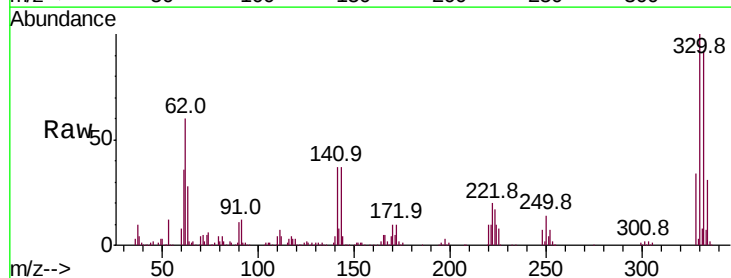


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BNC
Ion 89.00 (88.70 to 89.70): BNC
Ion 182.00 (181.70 to 182.70): E

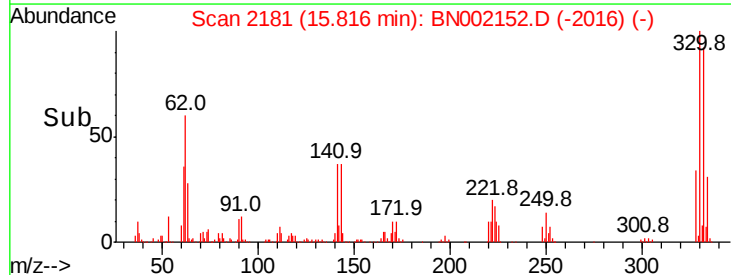
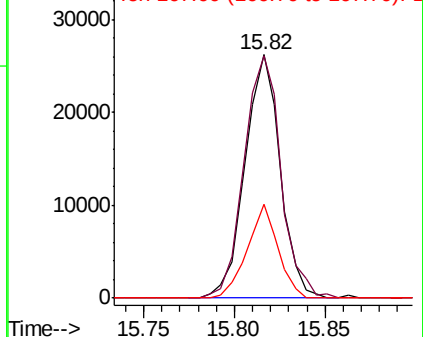


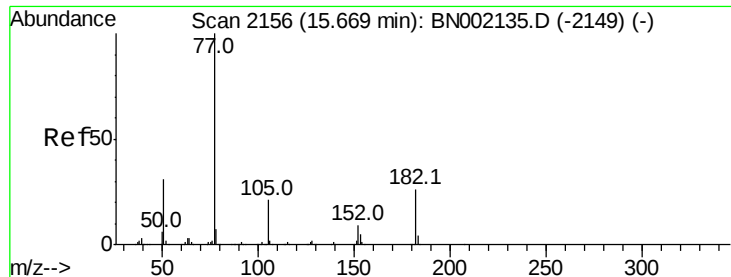
#57
Fluorene
Concen: 0.919 ng
RT: 15.82 min Scan# 2181
Delta R.T. 0.44 min
Lab File: BN002152.D
Acq: 26 Jul 2018 00:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	80.6	121.0
167	38.4	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





#62

Azobenzene

Concen: 0.103 ng

RT: 15.82 min Scan# 2181

Delta R.T. 0.15 min

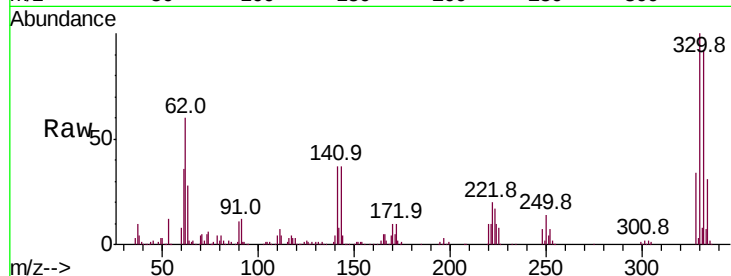
Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 77 Resp: 4209

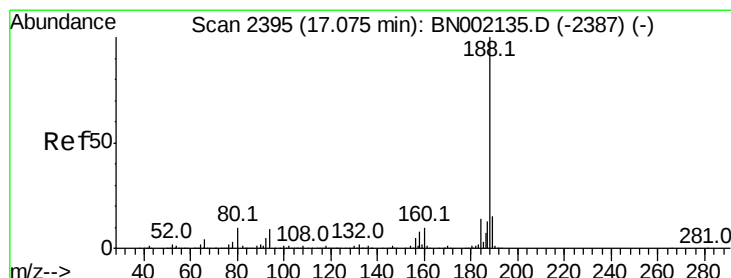
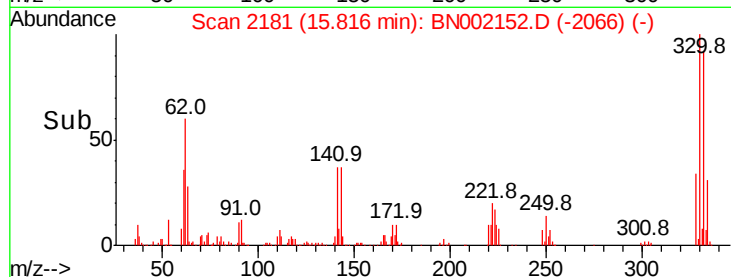
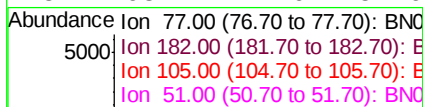
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 85.3 0.3 40.3#

51 68.4 11.6 51.6#



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

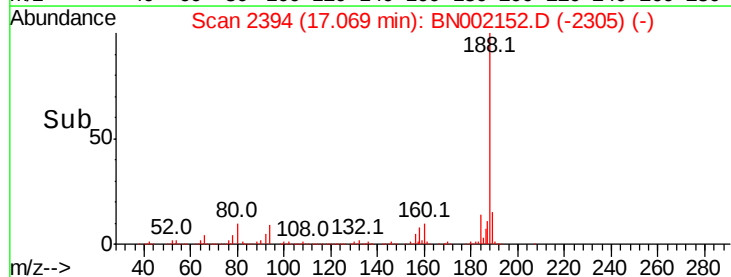
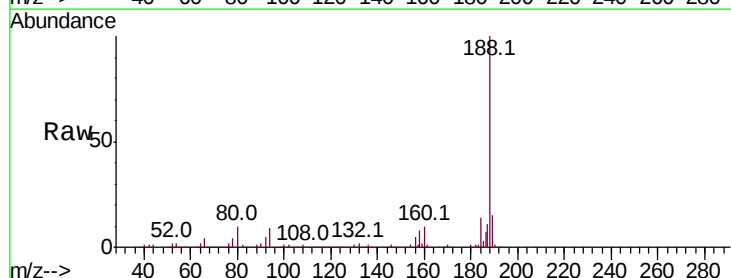
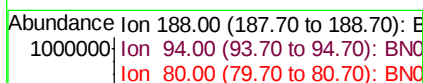
Tgt Ion: 188 Resp: 1029715

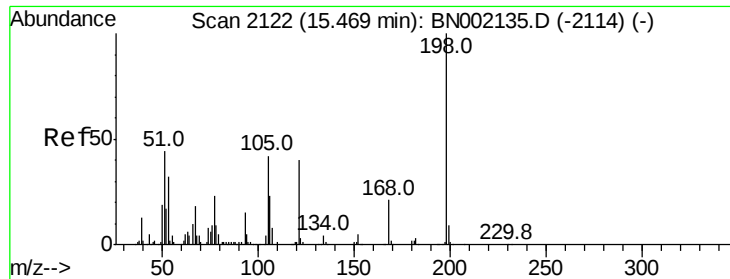
Ion Ratio Lower Upper

188 100

94 9.2 6.9 10.3

80 10.2 7.7 11.5

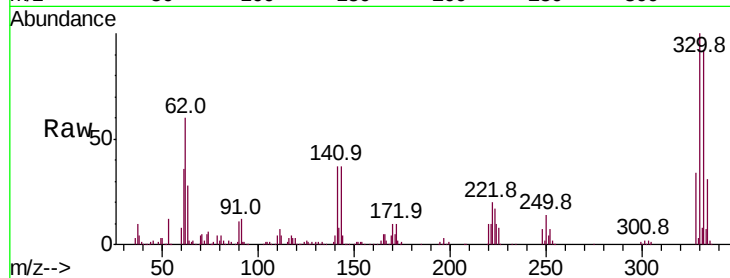




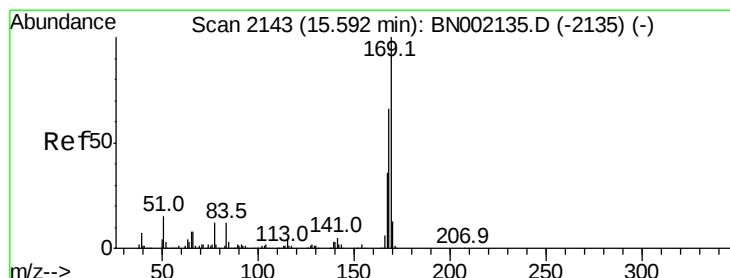
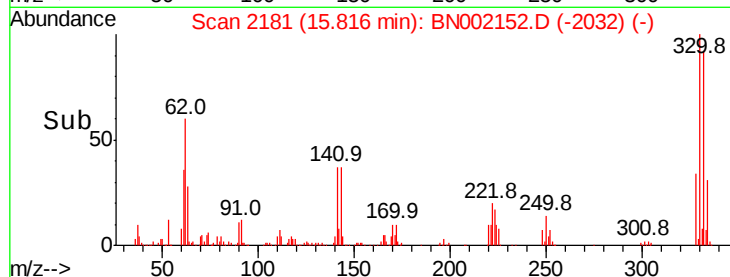
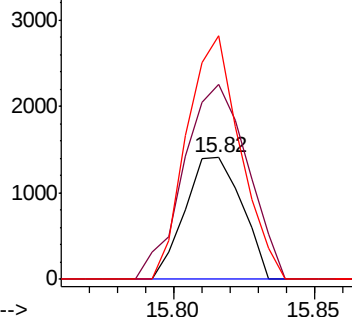
#64
4,6-Dinitro-2-methylphenol
Concen: 0.283 ng
RT: 15.82 min Scan# 2181
Delta R.T. 0.35 min
Lab File: BN002152.D
Acq: 26 Jul 2018 00:47

Instrument :
BNA_N
ClientSampled :

Tot Ion:198 Resp: 1968
Ion Ratio Lower Upper
198 100
51 160.5 30.6 70.6#
105 200.2 23.8 63.8#

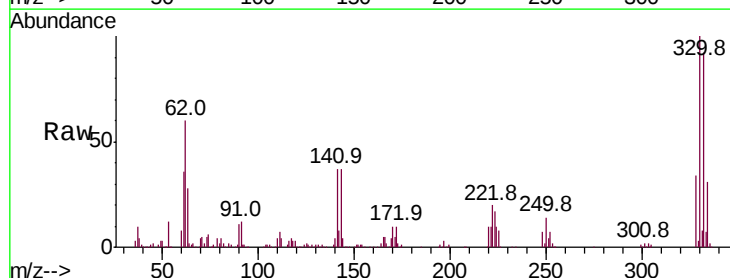


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BNO
Ion 105.00 (104.70 to 105.70): E

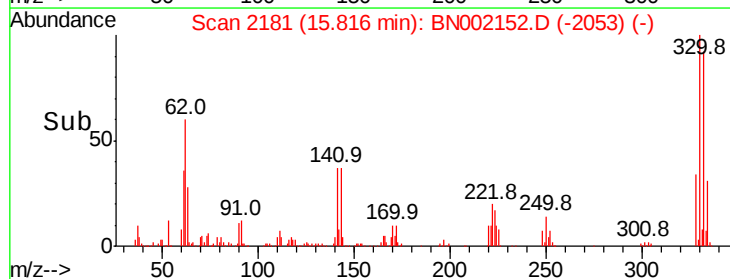
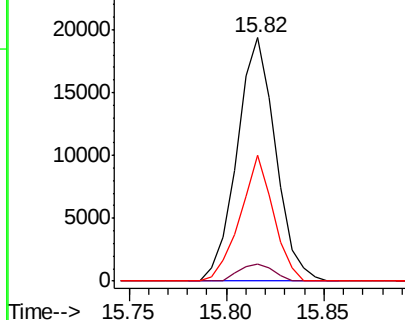


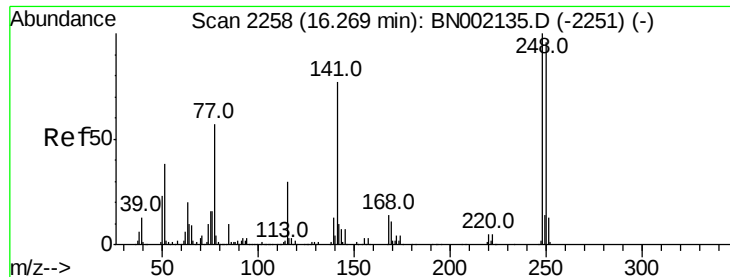
#65
n-Nitrosodiphenylamine
Concen: 0.776 ng
RT: 15.82 min Scan# 2181
Delta R.T. 0.22 min
Lab File: BN002152.D
Acq: 26 Jul 2018 00:47

Tgt Ion:169 Resp: 26511
Ion Ratio Lower Upper
169 100
168 6.8 55.7 83.5#
167 51.9 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

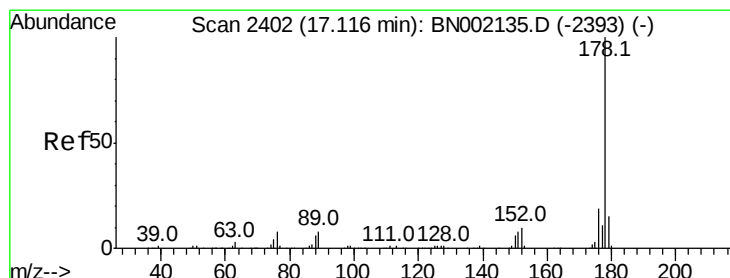
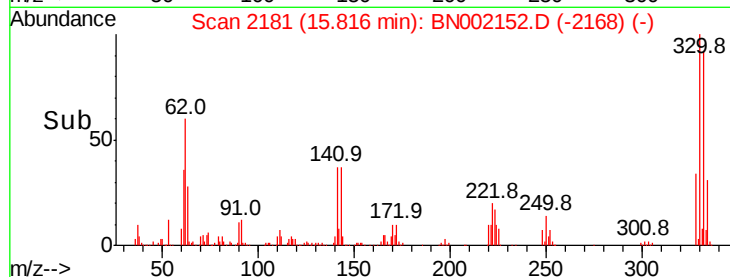
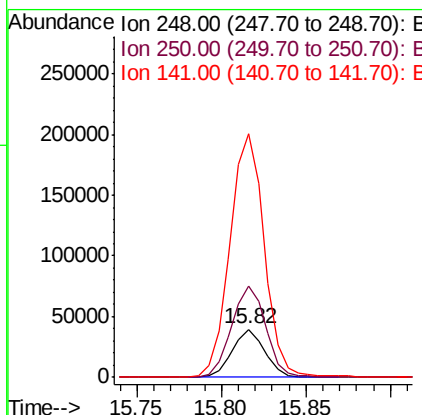
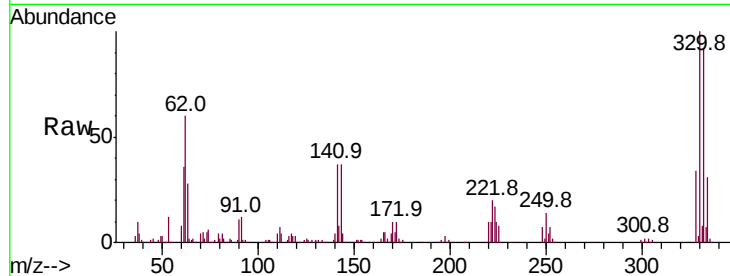




#66
 4-Bromophenyl-phenylether
 Concen: 4.427 ng
 RT: 15.82 min Scan# 2181
 Delta R.T. -0.45 min
 Lab File: BN002152.D
 Acq: 26 Jul 2018 00:47

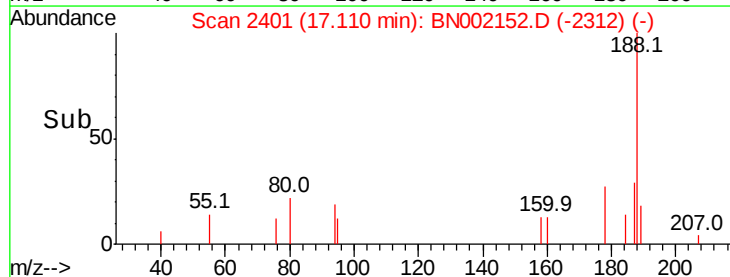
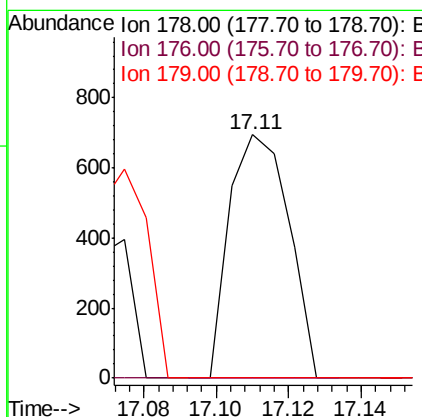
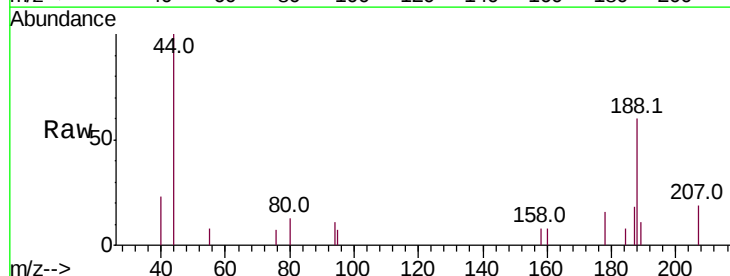
Instrument :
 BNA_N
 ClientSampled :

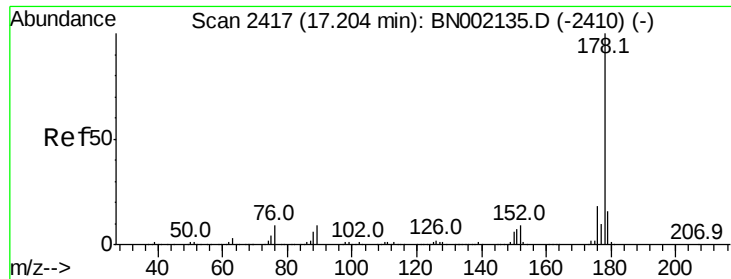
Tot Ion:248 Resp: 53364
 Ion Ratio Lower Upper
 248 100
 250 188.9 77.1 115.7#
 141 507.0 50.8 76.2#



#70
 Phenanthrene
 Concen: 0.014 ng
 RT: 17.11 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BN002152.D
 Acq: 26 Jul 2018 00:47

Tgt Ion:178 Resp: 796
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.7 23.5#
 179 0.0 12.5 18.7#

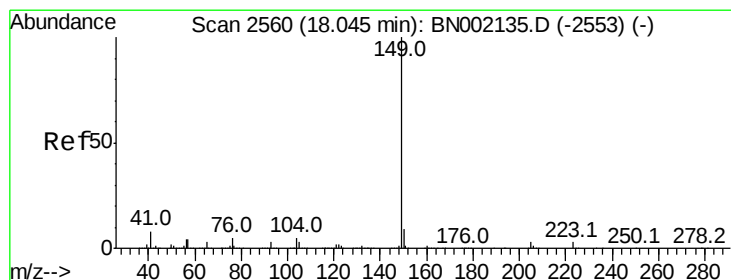
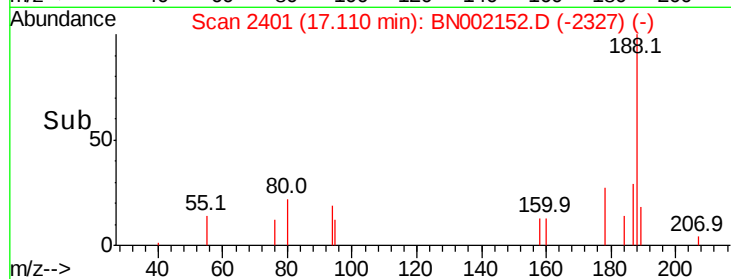
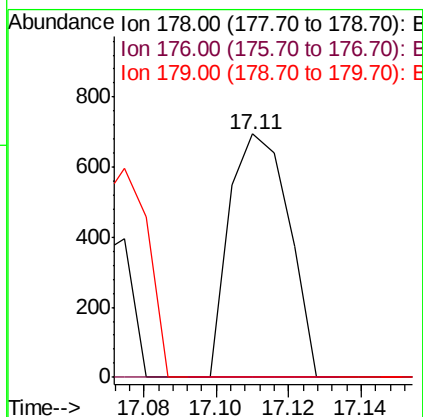
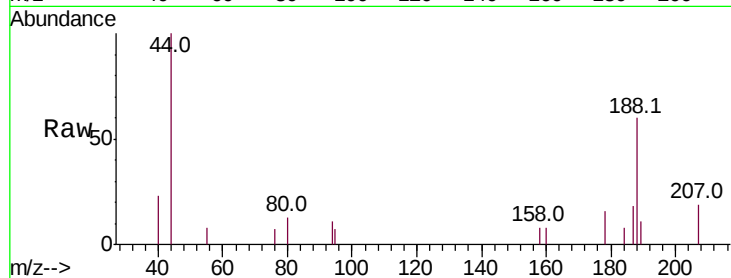




#71
 Anthracene
 Concen: 0.014 ng
 RT: 17.11 min Scan# 2401
 Delta R.T. -0.09 min
 Lab File: BN002152.D
 Acq: 26 Jul 2018 00:47

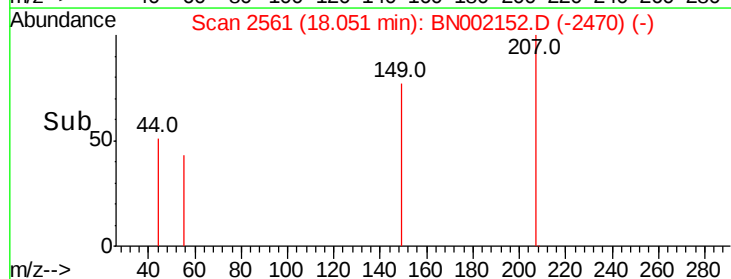
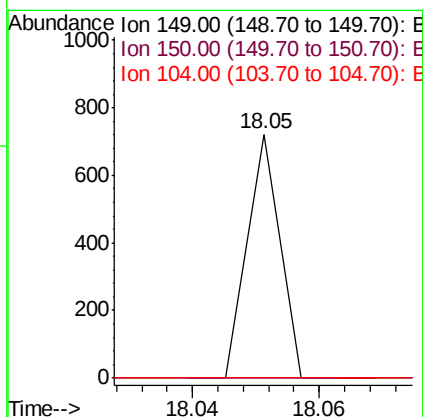
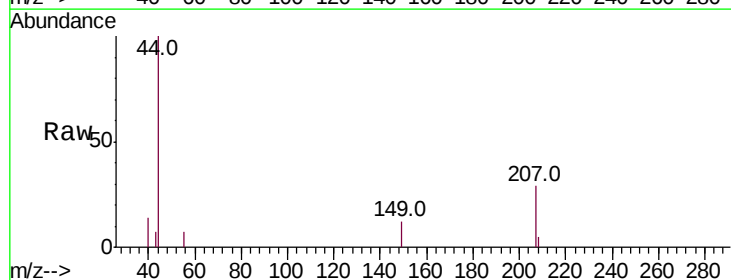
Instrument :
 BNA_N
 ClientSampleId :

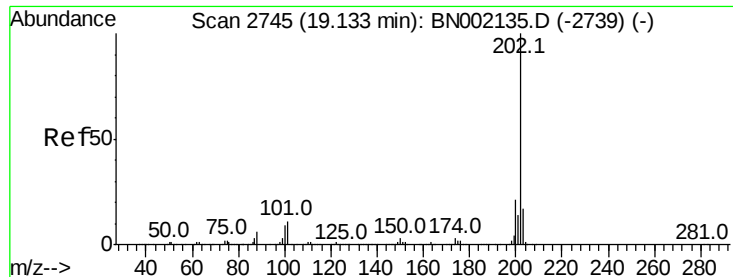
Tot Ion:178 Resp: 796
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.0 24.0#
 179 0.0 12.5 18.7#



#73
 Di-n-butylphthalate
 Concen: 0.004 ng
 RT: 18.05 min Scan# 2561
 Delta R.T. 0.01 min
 Lab File: BN002152.D
 Acq: 26 Jul 2018 00:47

Tgt Ion:149 Resp: 255
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.8 11.6#
 104 0.0 3.9 5.9#





#74

Fluoranthene

Concen: 0.002 ng

RT: 19.15 min Scan# 2748

Delta R.T. 0.02 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

Instrument :

BNA_N

ClientSampleId :

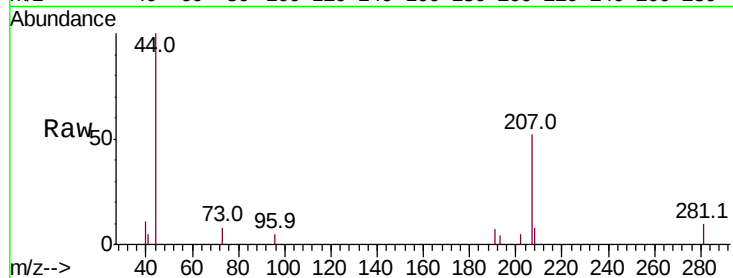
Tot Ion:202 Resp: 122

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

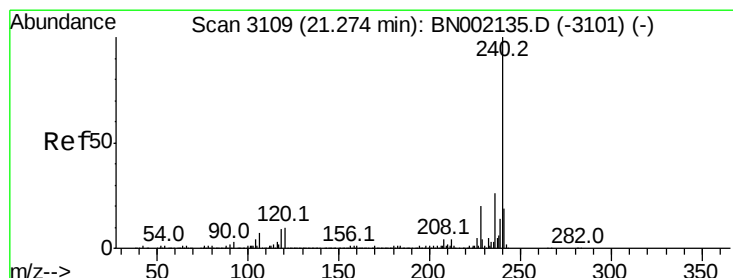
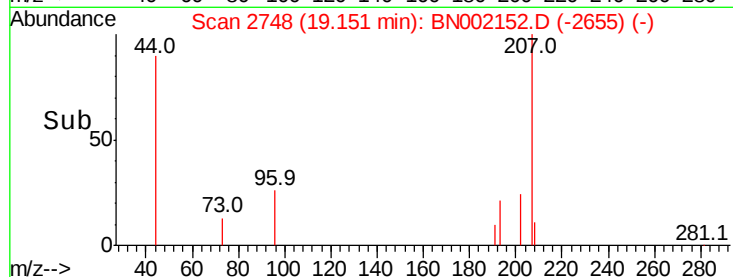
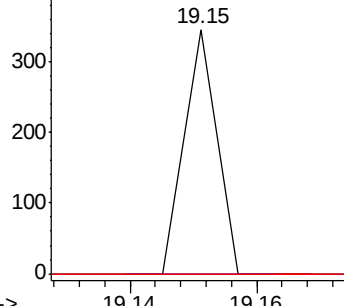
203 0.0 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

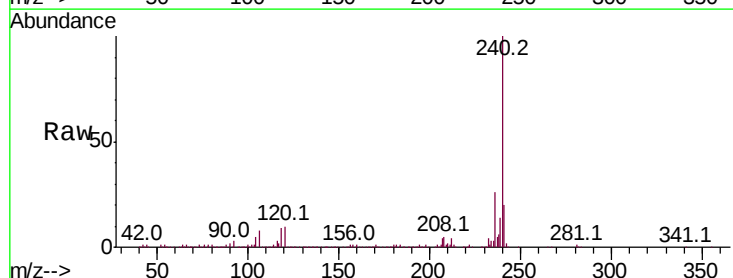
Tgt Ion:240 Resp: 816977

Ion Ratio Lower Upper

240 100

120 10.0 6.8 10.2

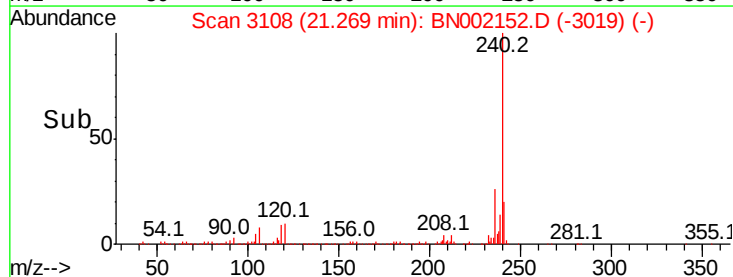
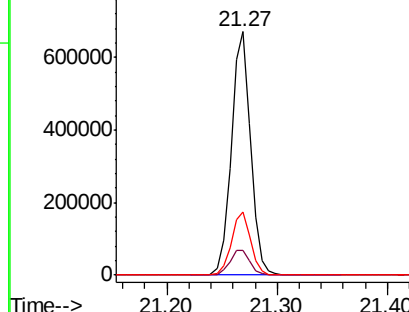
236 25.7 20.9 31.3

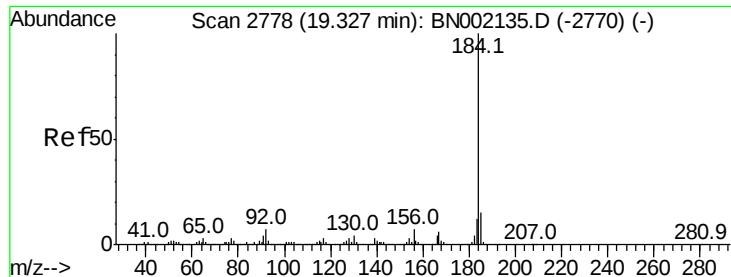


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 1.936 ng

RT: 19.71 min Scan# 2843

Delta R.T. 0.38 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

Instrument :

BNA_N

ClientSampled :

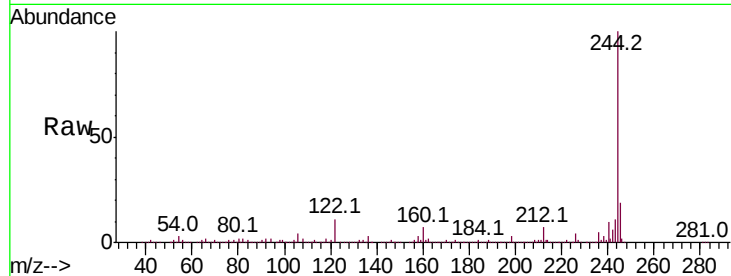
Tot Ion:184 Resp: 51580

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

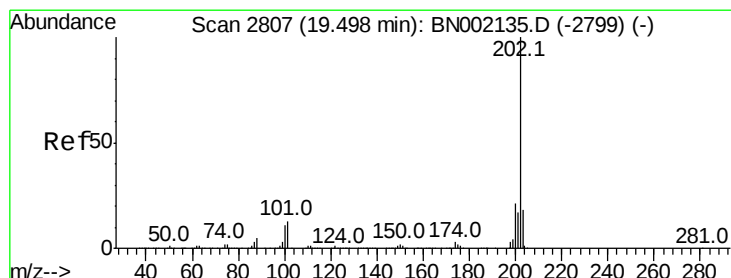
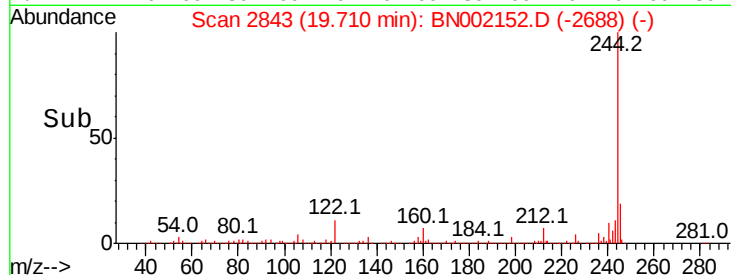
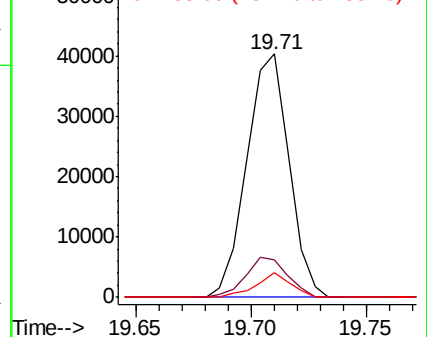
183 10.4 10.6 16.0#



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: 0.220 ng

RT: 19.71 min Scan# 2843

Delta R.T. 0.21 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

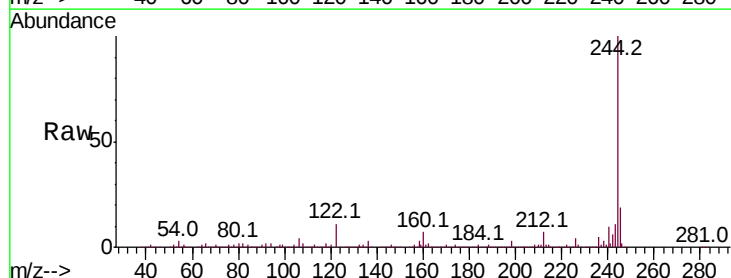
Tgt Ion:202 Resp: 12374

Ion Ratio Lower Upper

202 100

200 47.0 16.9 25.3#

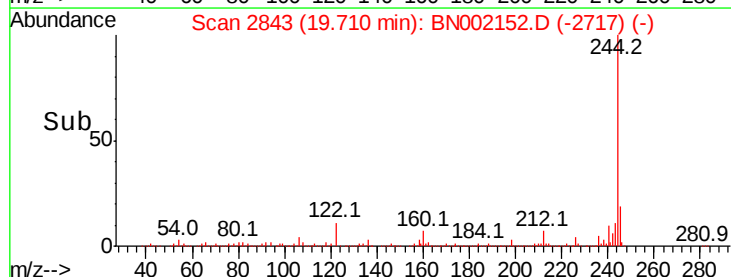
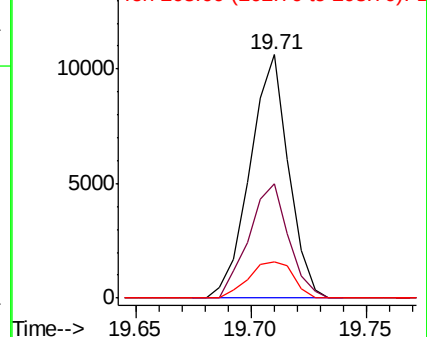
203 15.1 13.9 20.9

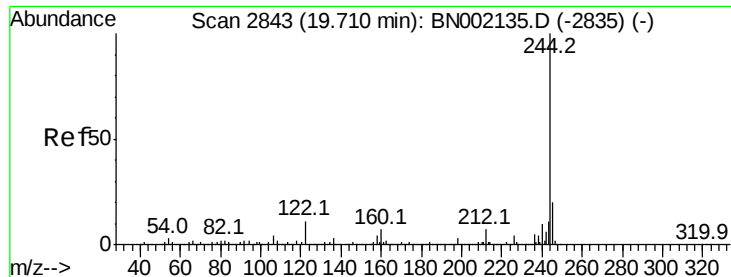


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 93.007 ng

RT: 19.71 min Scan# 2843

Delta R.T. 0.00 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

Instrument :

BNA_N

ClientSampleId :

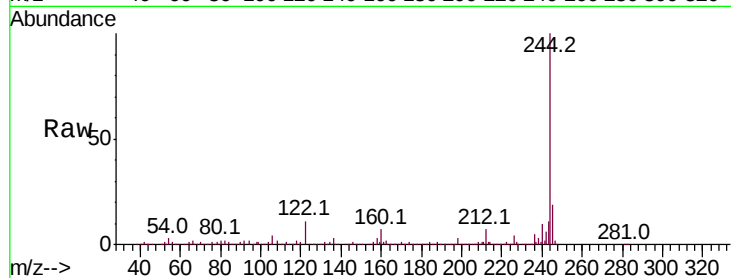
Tot Ion:244 Resp: 3643232

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

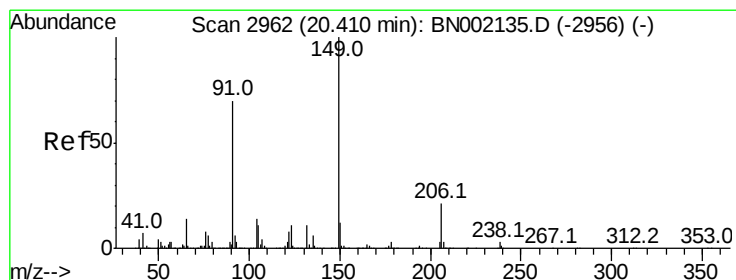
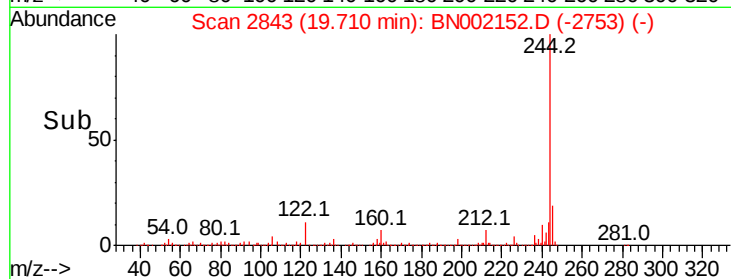
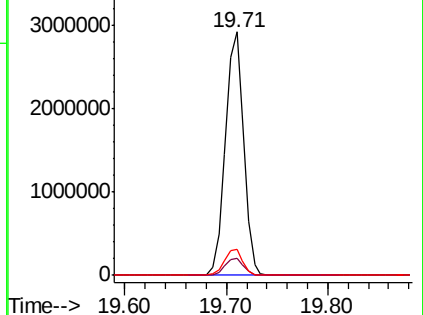
122 10.6 7.0 10.4#



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: 0.005 ng

RT: 20.50 min Scan# 2978

Delta R.T. 0.09 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

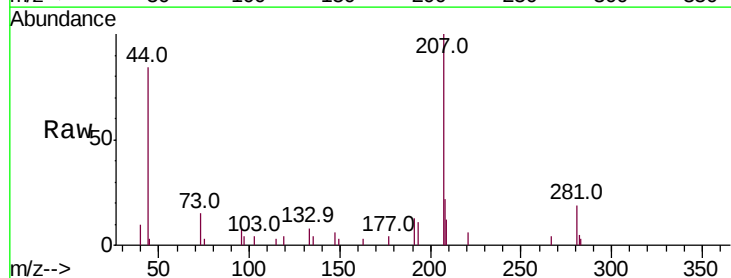
Tgt Ion:149 Resp: 117

Ion Ratio Lower Upper

149 100

91 0.0 62.2 93.2#

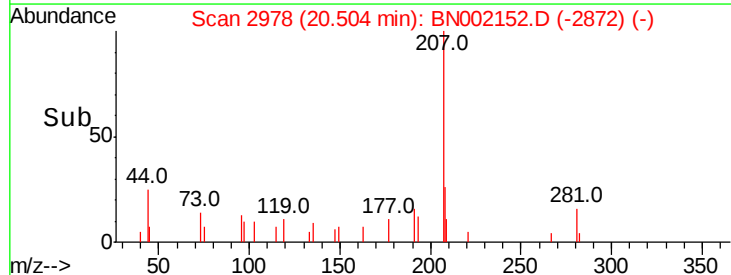
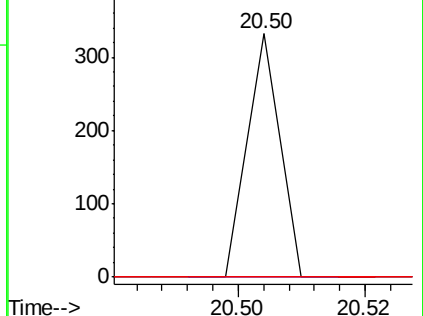
206 0.0 18.6 27.8#

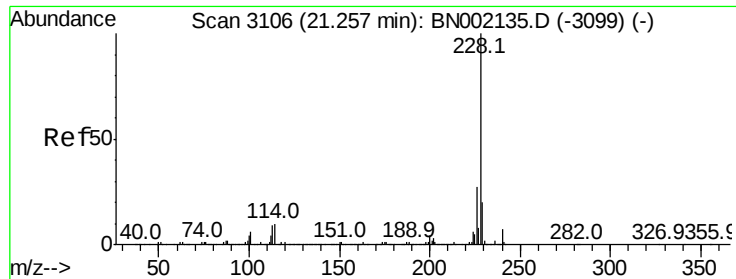


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BN0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.040 ng

RT: 21.27 min Scan# 3108

Delta R.T. 0.01 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

Instrument :

BNA_N

ClientSampleId :

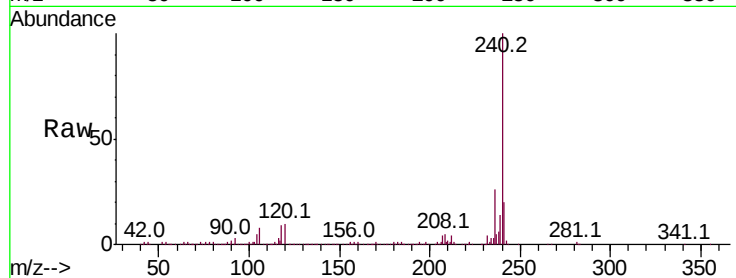
Tot Ion:228 Resp: 2016

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

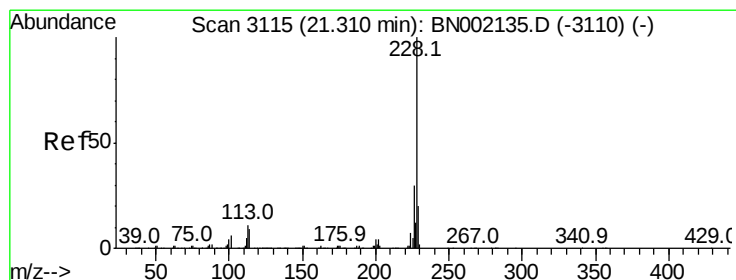
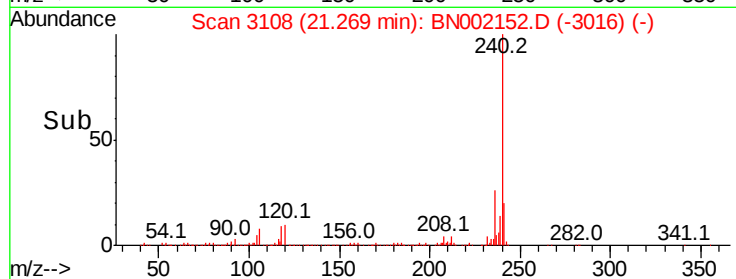
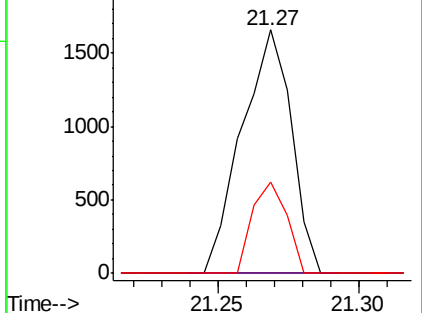
229 37.4 16.2 24.2#



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



#82

Chrysene

Concen: 0.043 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.04 min

Lab File: BN002152.D

Acq: 26 Jul 2018 00:47

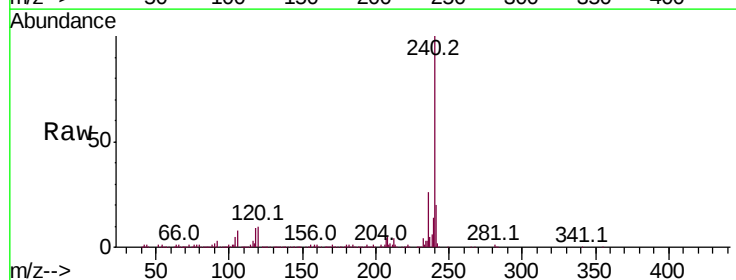
Tgt Ion:228 Resp: 2016

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

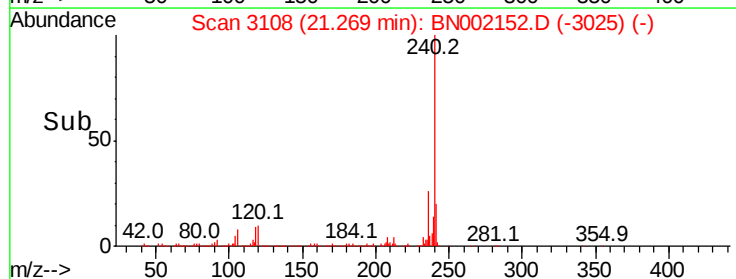
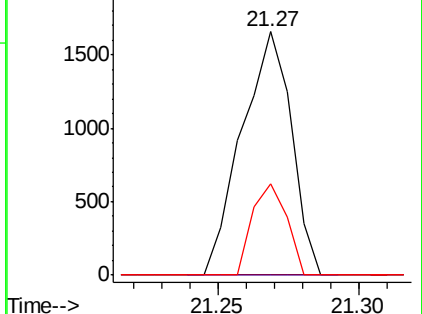
229 37.4 15.0 22.4#

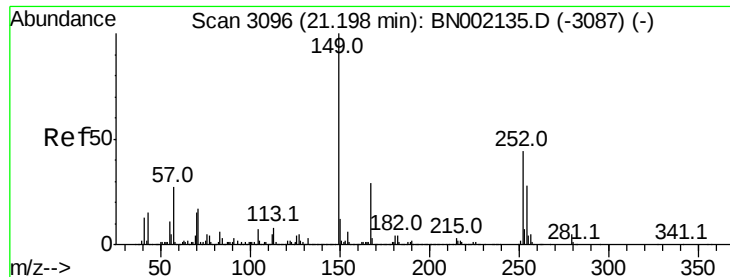


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

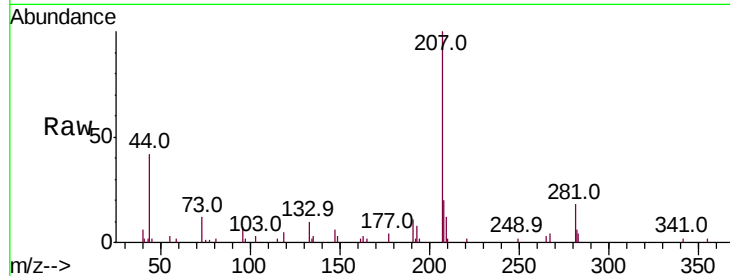




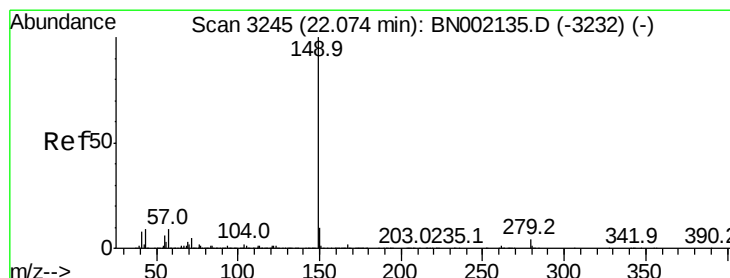
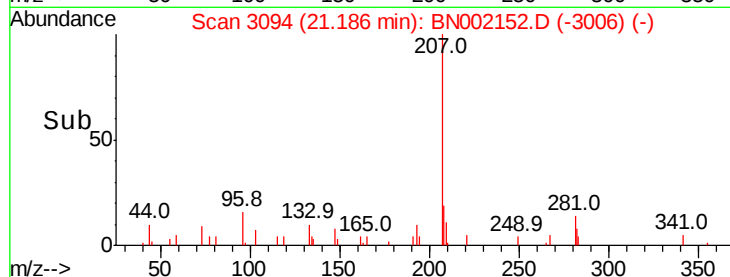
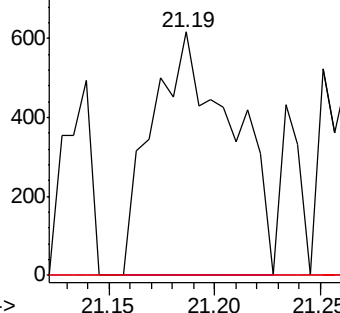
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.047 ng
 RT: 21.19 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BN002152.D
 Acq: 26 Jul 2018 00:47

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:149 Resp: 1623
 Ion Ratio Lower Upper
 149 100
 167 0.0 24.3 36.5#
 279 0.0 4.0 6.0#

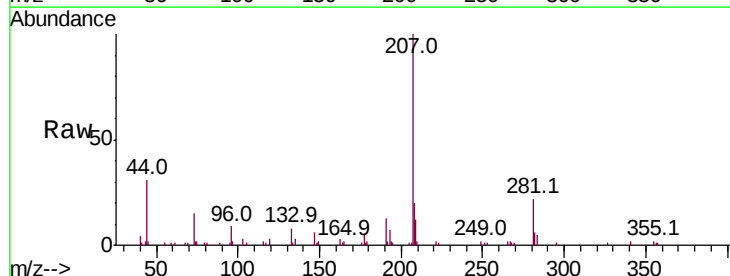


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

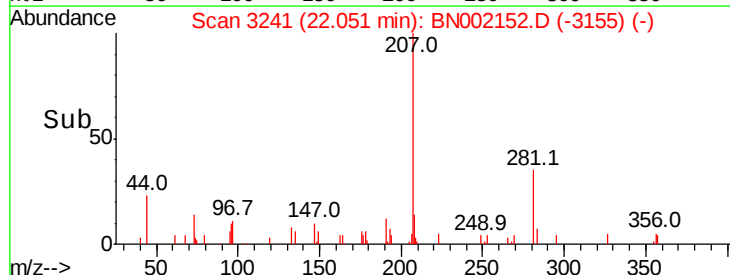
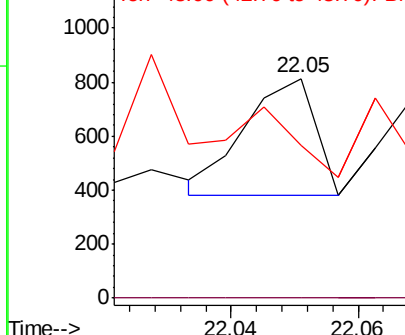


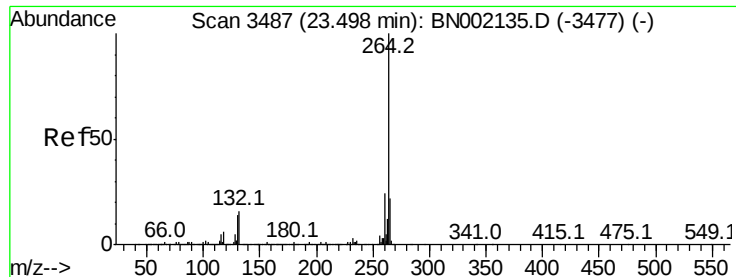
#84
 Di-n-octyl phthalate
 Concen: 0.006 ng
 RT: 22.05 min Scan# 3241
 Delta R.T. -0.02 min
 Lab File: BN002152.D
 Acq: 26 Jul 2018 00:47

Tgt Ion:149 Resp: 331
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.0#
 43 39.6 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



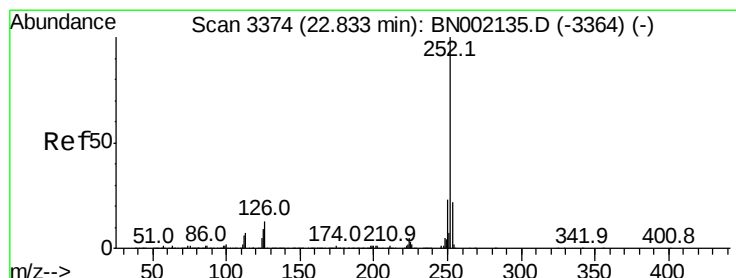
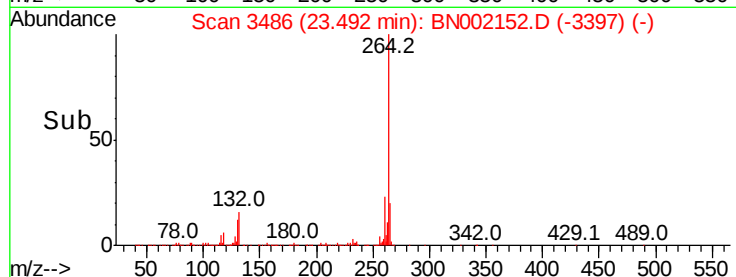
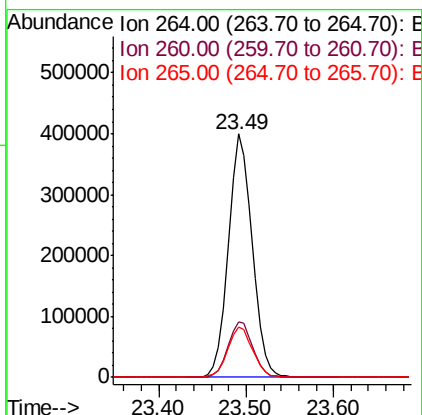
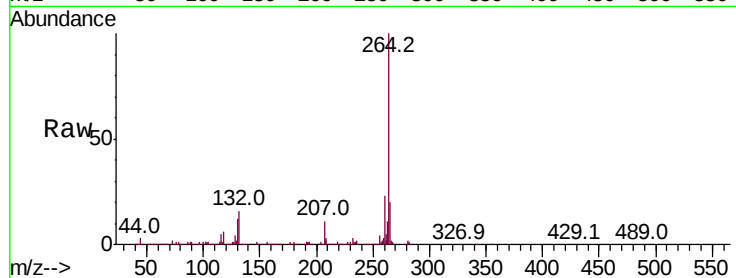


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.49 min Scan# 3486
Delta R.T. -0.01 min
Lab File: BN002152.D
Acq: 26 Jul 2018 00:47

Instrument :
BNA_N
ClientSampleId :

Tot Ion:264 Resp: 742003

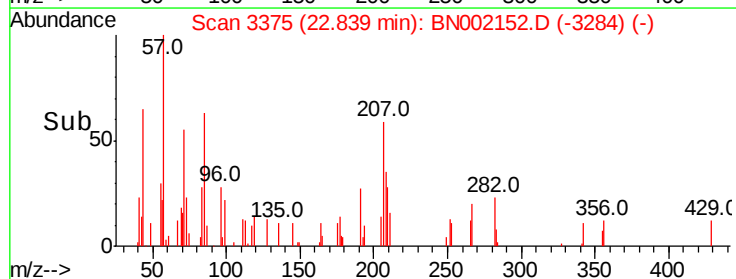
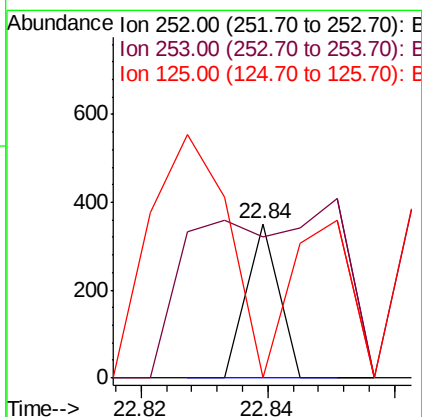
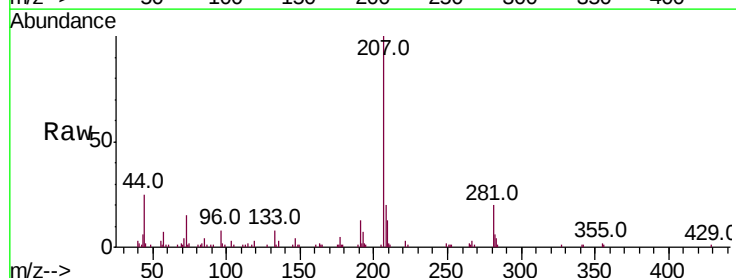
Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	20.5	17.7	26.5

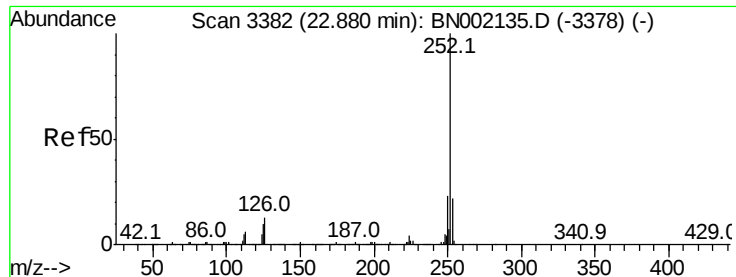


#87
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 22.84 min Scan# 3375
Delta R.T. 0.01 min
Lab File: BN002152.D
Acq: 26 Jul 2018 00:47

Tgt Ion:252 Resp: 124

Ion	Ratio	Lower	Upper
252	100		
253	91.2	18.2	27.4#
125	0.0	7.2	10.8#

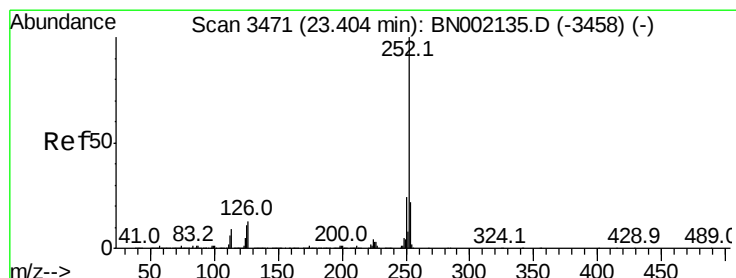
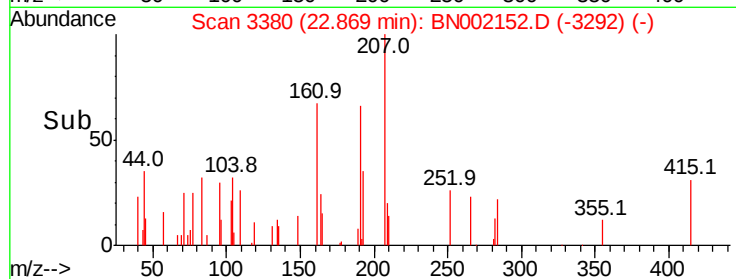
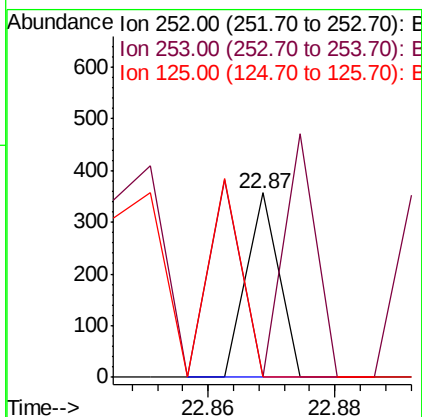
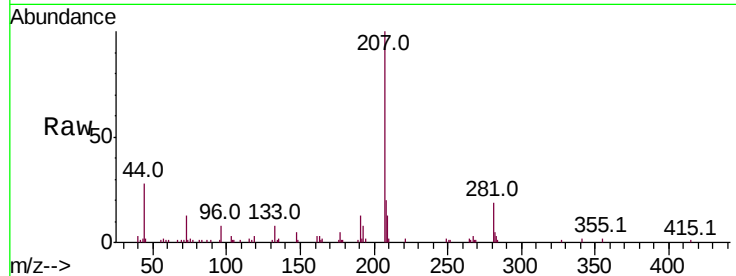




#88
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 22.87 min Scan# 3380
Delta R.T. -0.01 min
Lab File: BN002152.D
Acq: 26 Jul 2018 00:47

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 126
Ion Ratio Lower Upper
252 100
253 0.0 17.4 26.2#
125 0.0 6.6 9.8#



#89
Benzo(a)pyrene
Concen: 0.003 ng
RT: 23.40 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BN002152.D
Acq: 26 Jul 2018 00:47

Tgt Ion:252 Resp: 110
Ion Ratio Lower Upper
252 100
253 106.1 18.3 27.5#
125 146.6 7.3 10.9#

