

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
 Data File : BN006044.D
 Acq On : 03 Jun 2019 19:30
 Operator : JU/SJ
 Sample : PB119858BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 04 01:25:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 03 14:55:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	366608	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1647929	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	945179	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1909472	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	1411730	20.00	ng/ul	0.00
85) Perylene-d12	23.63	264	1475427	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	57167	7.26	ng/uL	0.00
5) Phenol-d5	6.89	99	1084530	35.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	642238	37.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	847889	35.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	865797	35.72	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	441510	37.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	491385	37.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	819646	34.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	1267040	43.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	2754773	41.20	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	3381557	39.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	459542	37.19	ng/ul	0.00
57) Fluorene-d10	15.38	176	2272485	40.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	312996	33.83	ng/ul	0.00
70) Anthracene-d10	17.24	188	3302817	41.27	ng/ul	0.00
78) Pyrene-d10	19.54	212	3199905	39.74	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	2769430	42.25	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.25	88	178	0.022	ng/uL# 17
4) Benzaldehyde	6.89	77	2182	0.106	ng/ul# 1
6) Phenol	6.92	94	753	0.024	ng/ul# 1
8) Bis(2-Chloroethyl)ether	7.06	93	503	0.021	ng/ul# 1
12) 2,2'-oxybis(1-Chloropropan	8.42	45	4792	0.150	ng/ul# 78
14) Acetophenone	8.55	105	277	0.008	ng/ul# 42
15) N-Nitroso-di-n-propylamine	8.48	70	242	0.013	ng/ul# 1
20) Nitrobenzene	8.91	77	445	0.016	ng/ul# 39
21) Isophorone	9.44	82	1056	0.020	ng/ul# 66
28) Naphthalene	10.56	128	820	0.011	ng/ul# 69
30) 4-Chloroaniline	10.68	127	482	0.016	ng/ul# 1
32) Caprolactam	11.47	113	505	0.058	ng/ul# 13
33) 4-Chloro-3-methylphenol	11.81	107	379	0.014	ng/ul# 77
34) 2-Methylnaphthalene	12.17	142	118	0.002	ng/ul# 5
40) 1,1'-Biphenyl	13.21	154	456	0.006	ng/ul# 43
44) Dimethylphthalate	13.84	163	789	0.012	ng/ul# 77
45) 2,6-Dinitrotoluene	13.79	165	11640	0.835	ng/ul# 41
47) Acenaphthylene	14.10	152	1891	0.022	ng/ul# 61
49) Acenaphthene	14.45	153	422	0.007	ng/ul# 66
52) 4-Nitrophenol	14.60	109	552	0.059	ng/ul# 1
53) Dibenzofuran	14.78	168	879	0.011	ng/ul# 38
56) Diethylphthalate	15.21	149	832	0.013	ng/ul# 58
58) Fluorene	15.43	166	989	0.016	ng/ul# 77

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

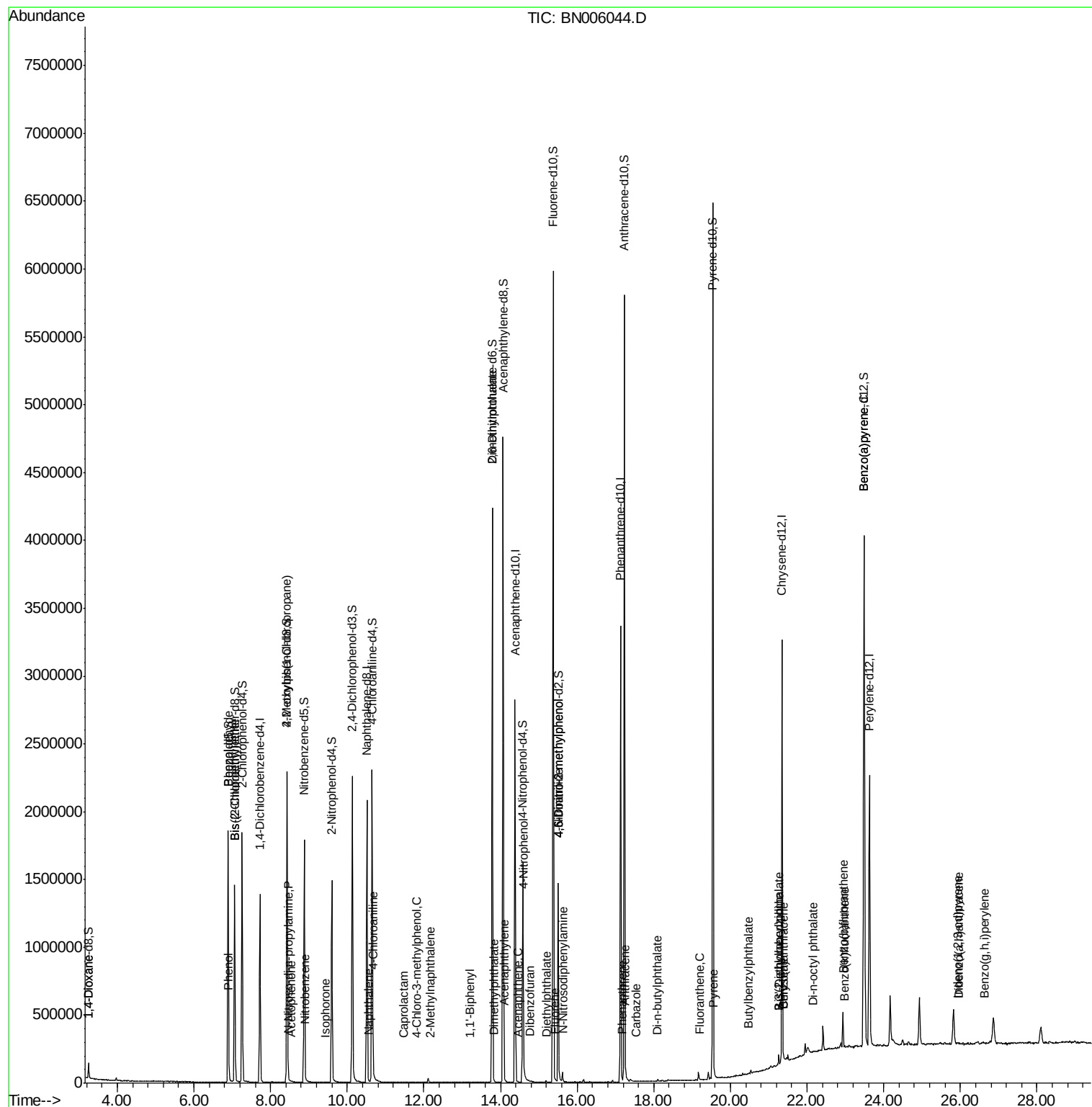
60) 4-Nitroaniline	15.50	138	1252	0.077	ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	15.51	198	1143	0.121	ng/ul#	1
64) N-Nitrosodiphenylamine	15.64	169	684	0.013	ng/ul#	75
69) Phenanthrene	17.18	178	1492	0.016	ng/ul#	63
71) Anthracene	17.26	178	1210	0.013	ng/ul#	61
74) Carbazole	17.55	167	1062	0.013	ng/ul#	60
75) Di-n-butylphthalate	18.11	149	6275	0.061	ng/ul#	86
76) Fluoranthene	19.21	202	2786	0.031	ng/ul#	72
79) Pyrene	19.57	202	3204	0.031	ng/ul#	74
80) Butylbenzylphthalate	20.48	149	1530	0.033	ng/ul#	86
81) 3,3'-Dichlorobenzidine	21.27	252	1561	0.058	ng/ul#	72
82) Benzo(a)anthracene	21.39	228	2670	0.031	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.26	149	22508	0.356	ng/ul#	94
84) Chrysene	21.39	228	2670	0.032	ng/ul	99
86) Di-n-octyl phthalate	22.16	149	3543	0.035	ng/ul	100
87) Benzo(b)fluoranthene	22.95	252	2985	0.037	ng/ul#	1
88) Benzo(k)fluoranthene	22.98	252	1163	0.015	ng/ul#	31
90) Benzo(a)pyrene	23.49	252	8556	0.111	ng/ul#	59
91) Indeno(1,2,3-cd)pyrene	25.92	276	3390	0.038	ng/ul#	83
92) Dibenzo(a,h)anthracene	25.95	278	559	0.007	ng/ul#	41
93) Benzo(g,h,i)perylene	26.63	276	1949	0.027	ng/ul#	54

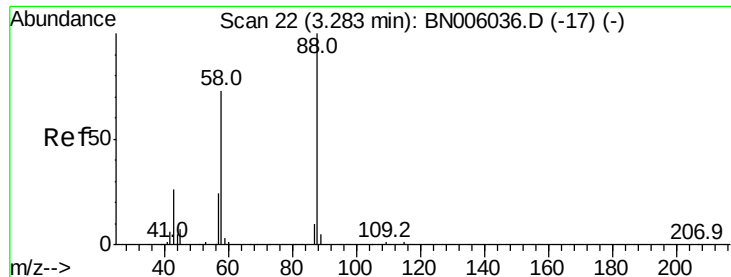
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.022 ng/uL

RT: 3.25 min Scan# 16

Delta R.T. -0.04 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

Instrument :

BNA_N

ClientSampleId :

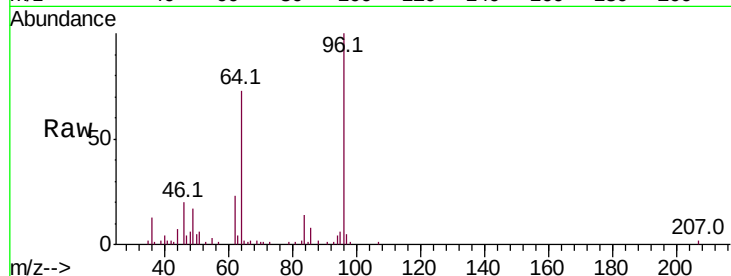
Tot Ion: 88 Resp: 178

Ion Ratio Lower Upper

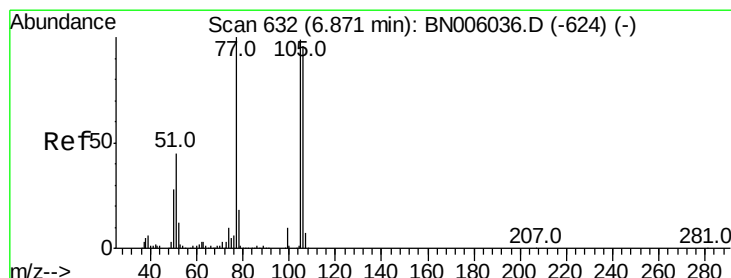
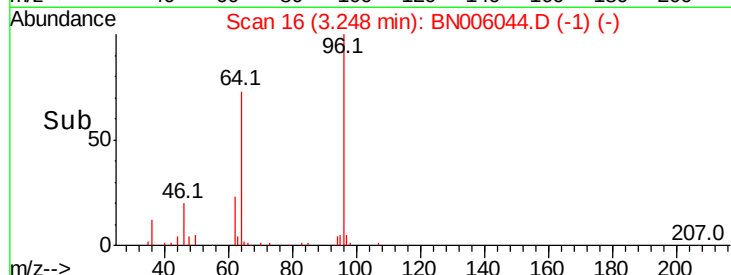
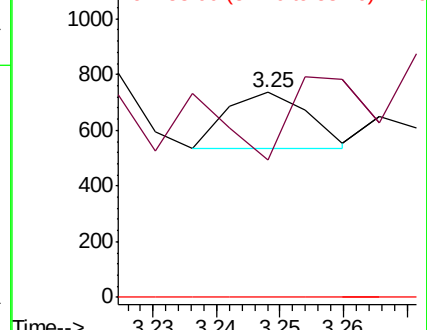
88 100

43 67.2 23.3 34.9#

58 0.0 59.0 88.4#



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 43.00 (42.70 to 43.70): BN0
Ion 58.00 (57.70 to 58.70): BN0



#4

Benzaldehyde

Concen: 0.106 ng/uL

RT: 6.89 min Scan# 636

Delta R.T. 0.02 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

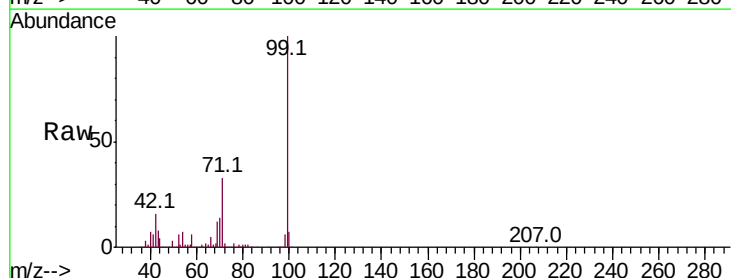
Tgt Ion: 77 Resp: 2182

Ion Ratio Lower Upper

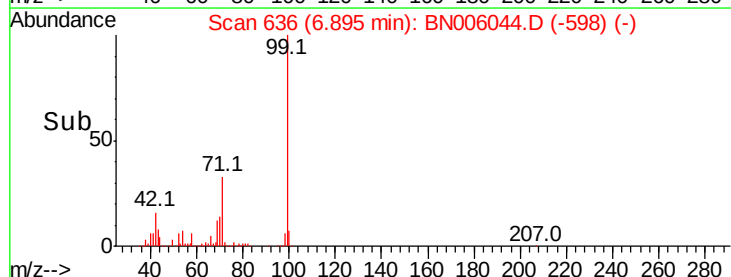
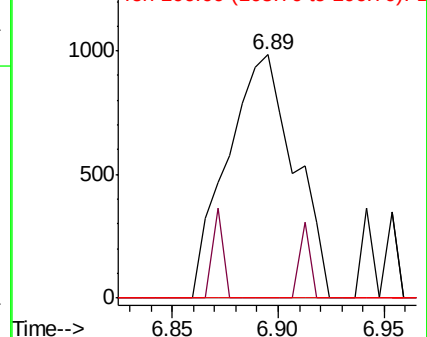
77 100

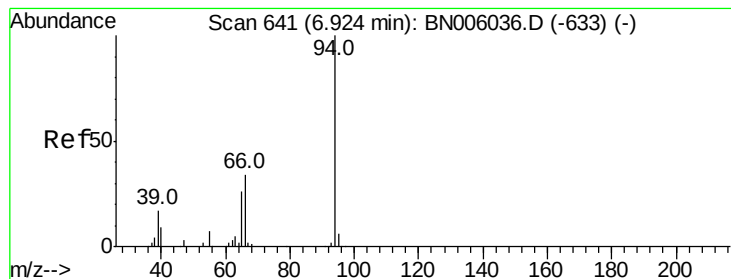
105 0.0 79.4 119.2#

106 0.0 76.7 115.1#



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





#6

Phenol

Concen: 0.024 ng/ul

RT: 6.92 min Scan# 640

Delta R.T. -0.01 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

Instrument :

BNA_N

ClientSampleId :

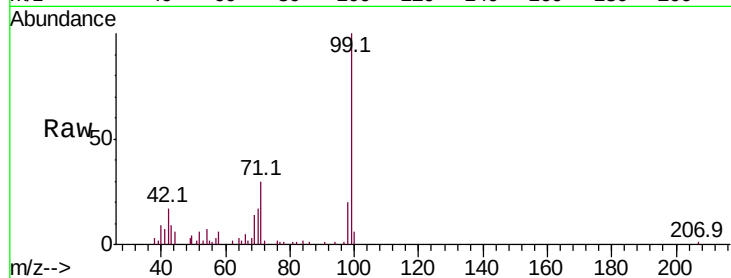
Tot Ion: 94 Resp: 753

Ion Ratio Lower Upper

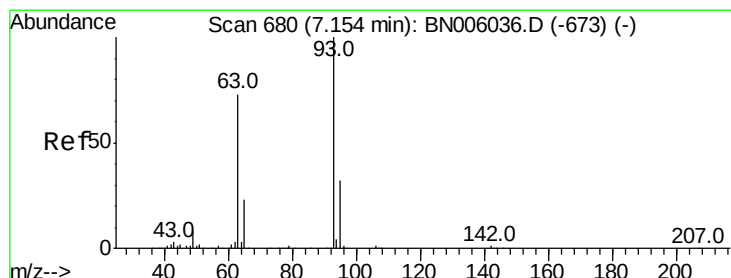
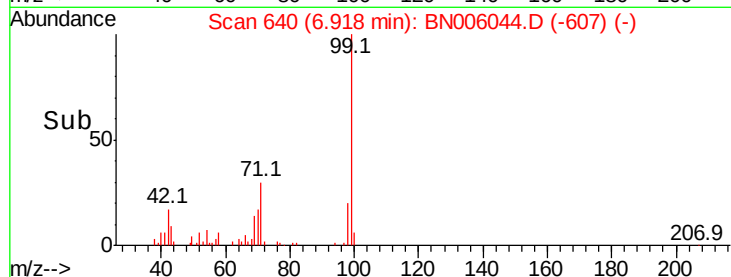
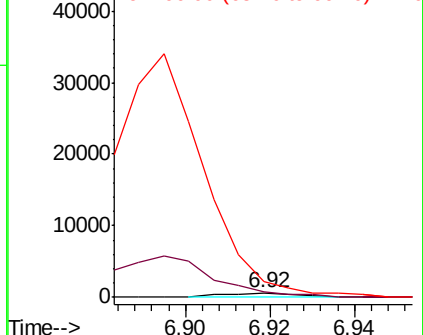
94 100

65 130.8 21.1 31.7#

66 370.9 28.2 42.2#



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



#8

Bis(2-Chloroethyl)ether

Concen: 0.021 ng/ul

RT: 7.06 min Scan# 664

Delta R.T. -0.09 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

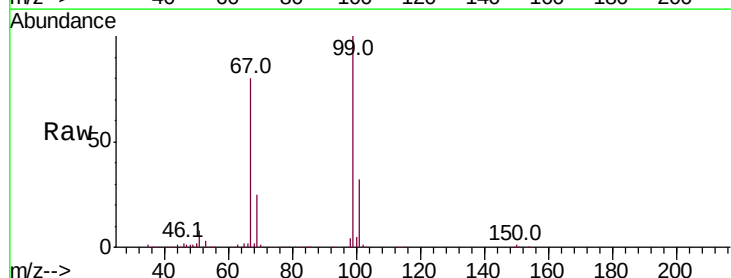
Tgt Ion: 93 Resp: 503

Ion Ratio Lower Upper

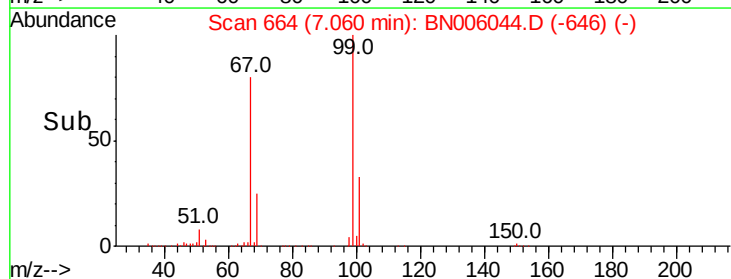
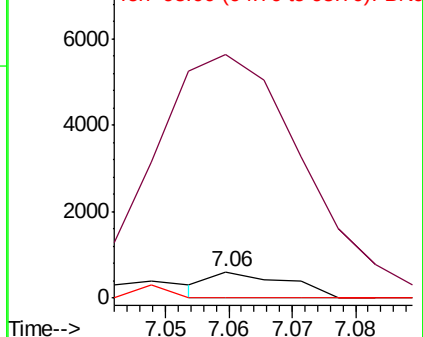
93 100

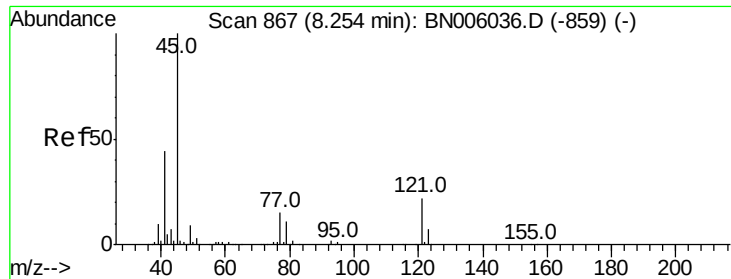
63 921.9 58.5 87.7#

95 0.0 25.7 38.5#



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

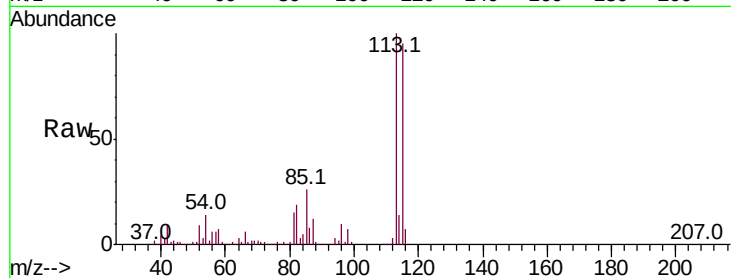




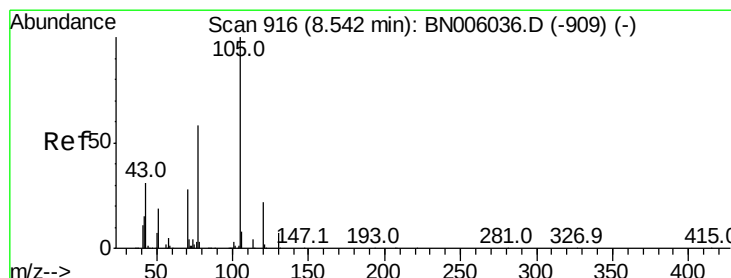
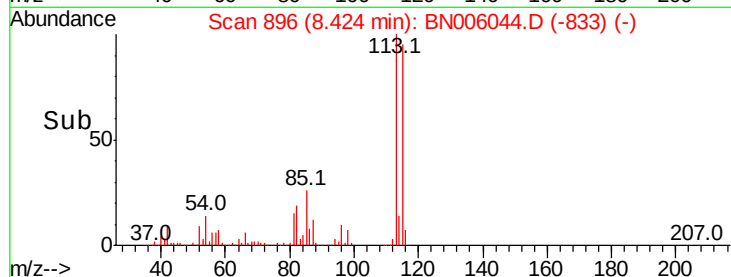
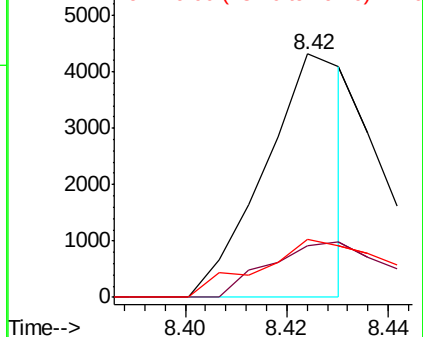
#12
2,2'-oxybis(1-Chloropropane)
Concen: 0.150 ng/ul
RT: 8.42 min Scan# 896
Delta R.T. 0.17 min
Lab File: BN006044.D
Acq: 03 Jun 2019 19:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 45 Resp: 4792
Ion Ratio Lower Upper
45 100
77 21.3 12.2 18.4#
79 23.6 9.3 13.9#

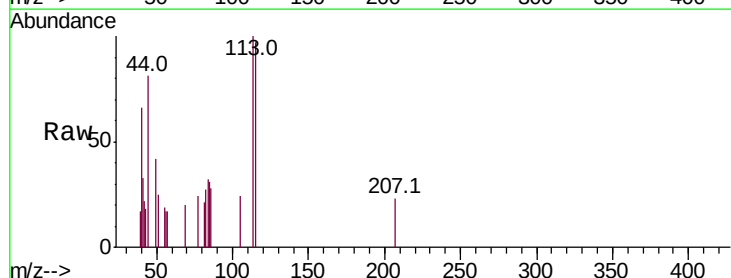


Abundance Ion 45.00 (44.70 to 45.70): BN0
Ion 77.00 (76.70 to 77.70): BN0
Ion 79.00 (78.70 to 79.70): BN0

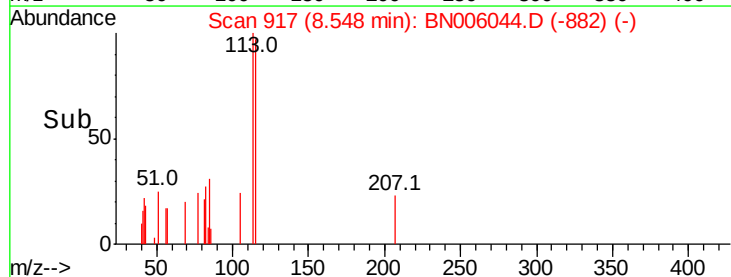
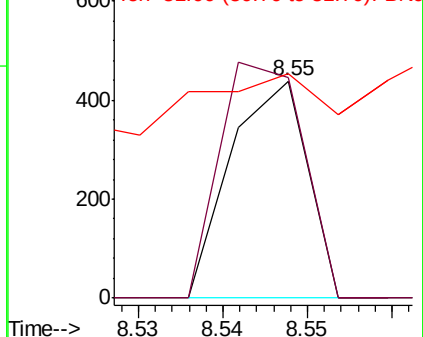


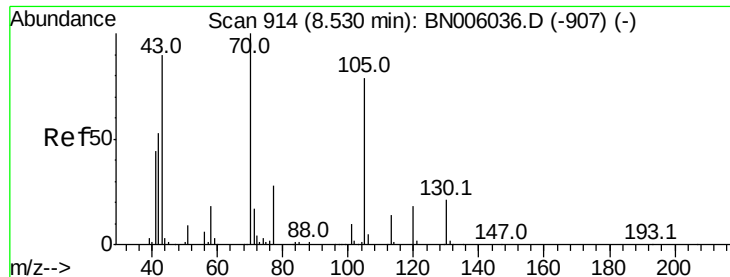
#14
Acetophenone
Concen: 0.008 ng/ul
RT: 8.55 min Scan# 917
Delta R.T. 0.01 min
Lab File: BN006044.D
Acq: 03 Jun 2019 19:30

Tgt Ion:105 Resp: 277
Ion Ratio Lower Upper
105 100
77 101.8 62.6 93.8#
51 103.7 21.2 31.8#



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





#15

N-Nitroso-di-n-propylamine

Concen: 0.013 ng/ul

RT: 8.48 min Scan# 905

Delta R.T. -0.05 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 242

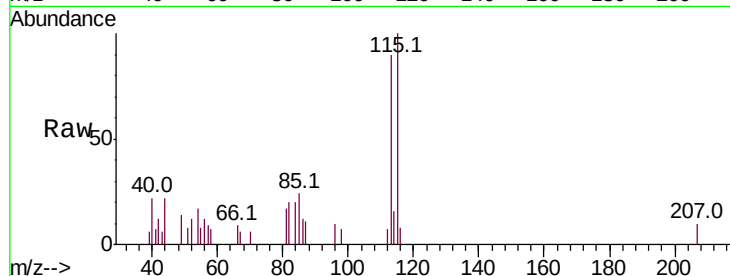
Ion Ratio Lower Upper

70 100

42 185.9 43.3 64.9#

101 0.0 7.8 11.8#

130 0.0 16.9 25.3#

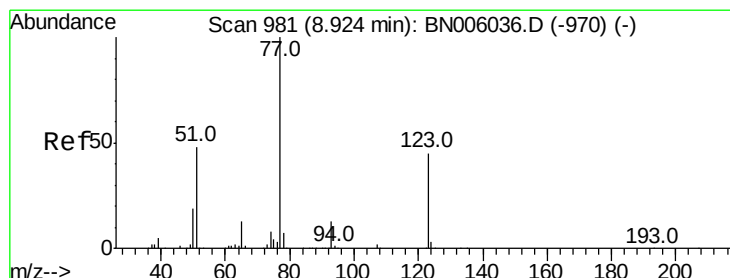
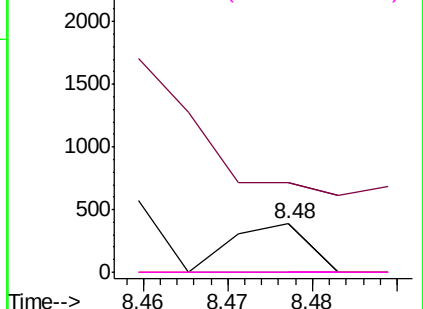
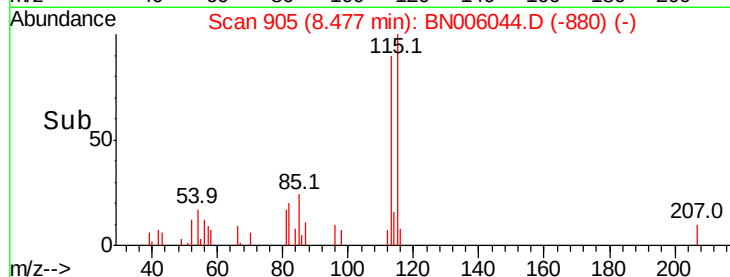


Abundance Ion 70.00 (69.70 to 70.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 101.00 (100.70 to 101.70): BNC

Ion 130.00 (129.70 to 130.70): BNC



#20

Nitrobenzene

Concen: 0.016 ng/ul

RT: 8.91 min Scan# 979

Delta R.T. -0.01 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

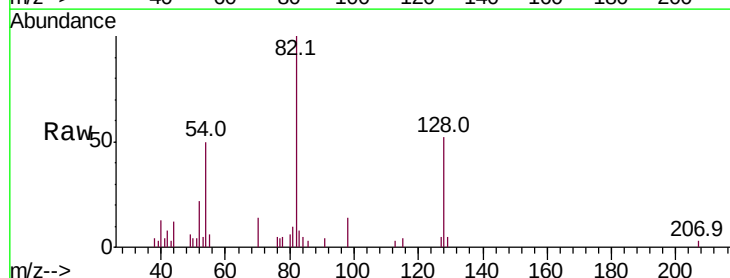
Tgt Ion: 77 Resp: 445

Ion Ratio Lower Upper

77 100

123 0.0 35.8 53.8#

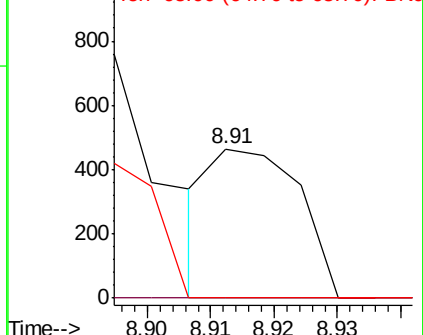
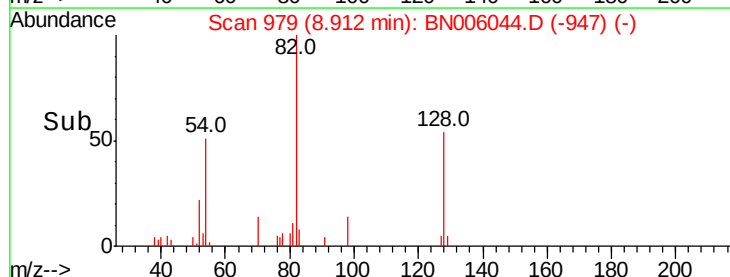
65 0.0 10.7 16.1#

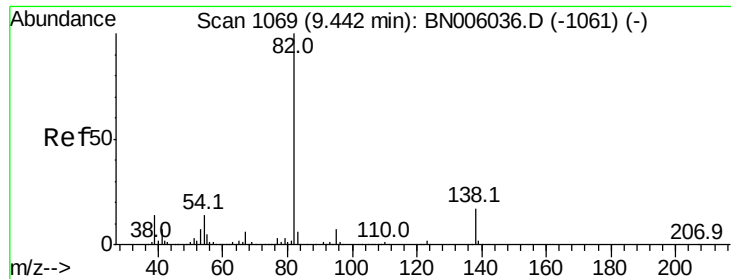


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 0.020 ng/ul

RT: 9.44 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

Instrument :

BNA_N

ClientSampled :

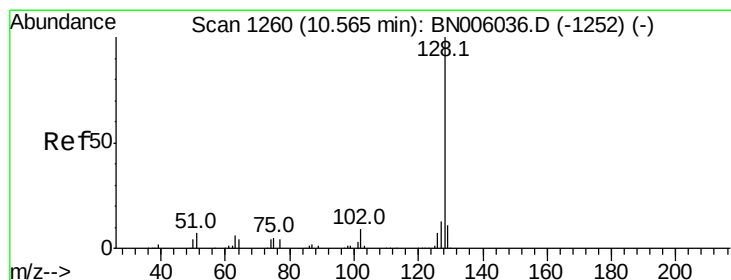
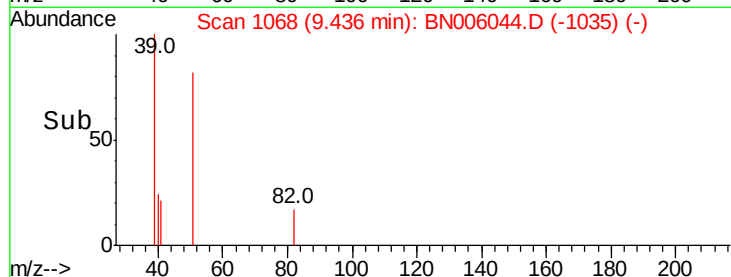
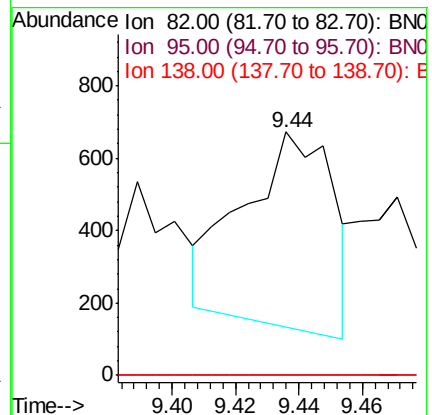
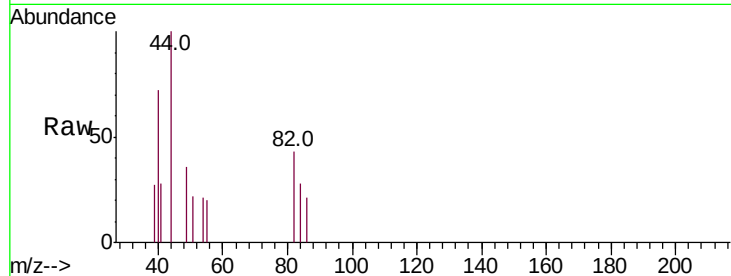
Tot Ion: 82 Resp: 1056

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 13.8 20.6#



#28

Naphthalene

Concen: 0.011 ng/ul

RT: 10.56 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

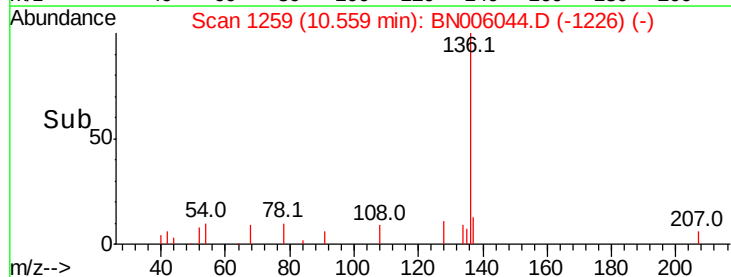
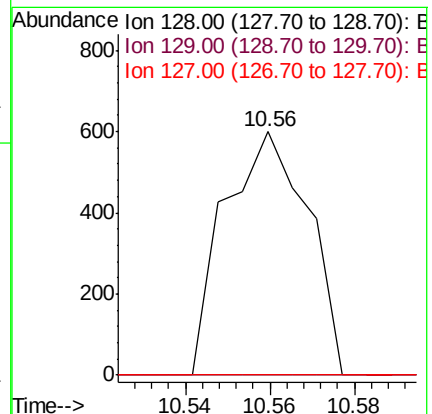
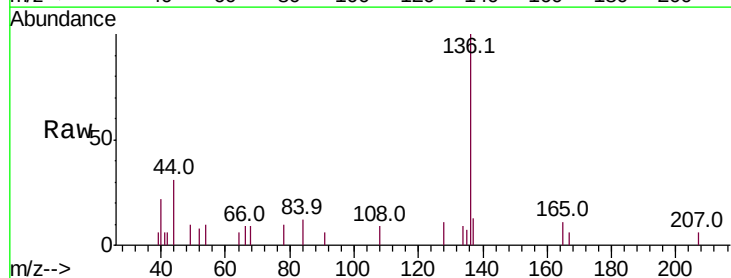
Tgt Ion: 128 Resp: 820

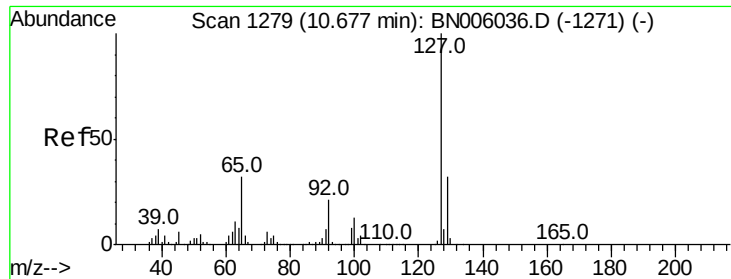
Ion Ratio Lower Upper

128 100

129 0.0 8.8 13.2#

127 0.0 10.6 16.0#

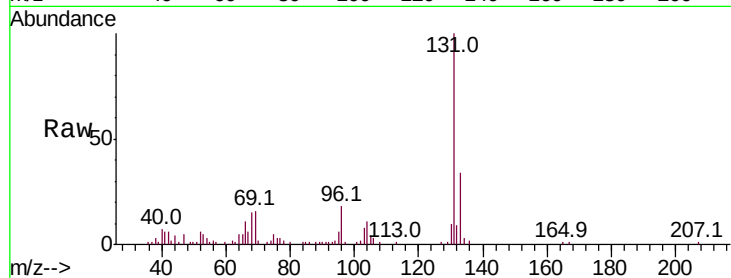




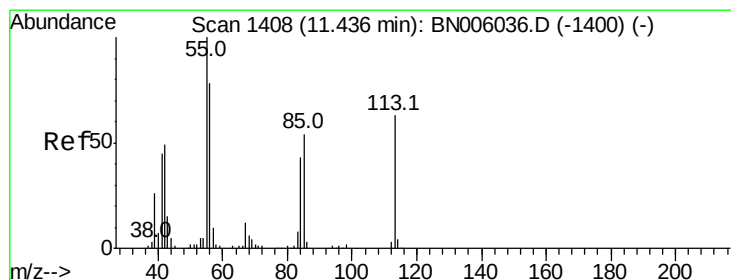
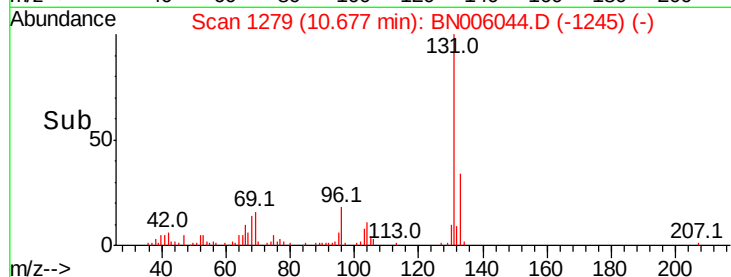
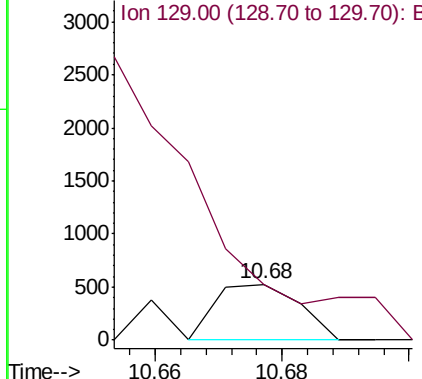
#30
4-Chloroaniline
Concen: 0.016 ng/ul
RT: 10.68 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BN006044.D
Acq: 03 Jun 2019 19:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion:127 Resp: 482
Ion Ratio Lower Upper
127 100
129 99.2 25.8 38.8#

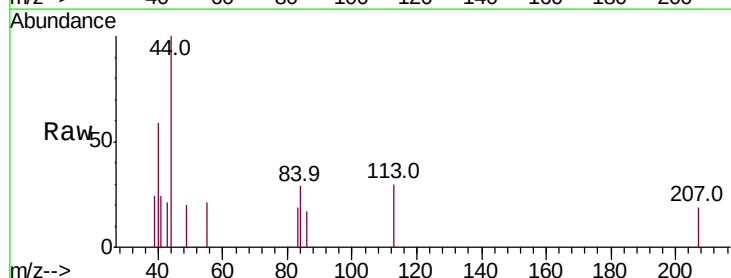


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

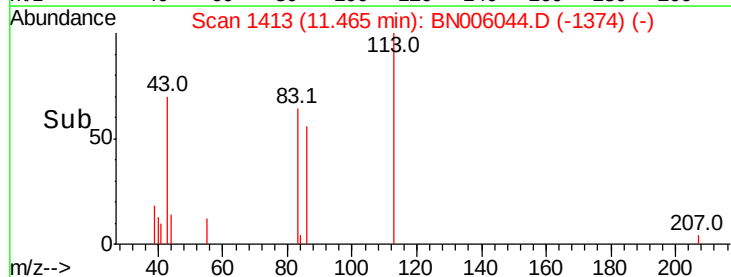
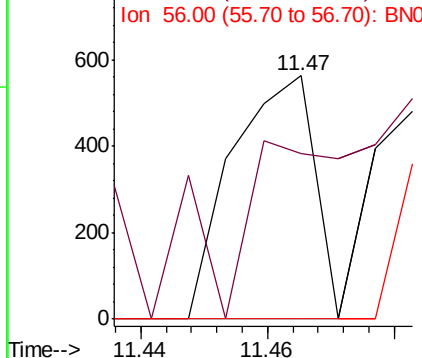


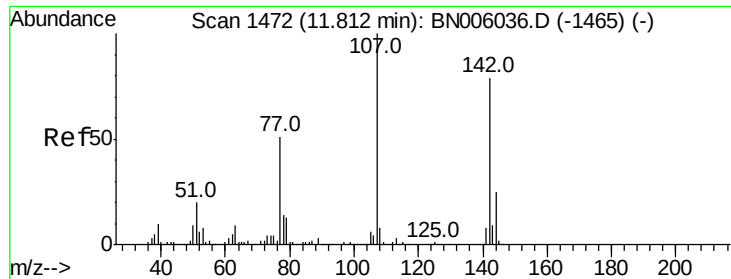
#32
Caprolactam
Concen: 0.058 ng/ul
RT: 11.47 min Scan# 1413
Delta R.T. 0.03 min
Lab File: BN006044.D
Acq: 03 Jun 2019 19:30

Tgt Ion:113 Resp: 505
Ion Ratio Lower Upper
113 100
55 67.9 127.4 191.0#
56 0.0 98.9 148.3#



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

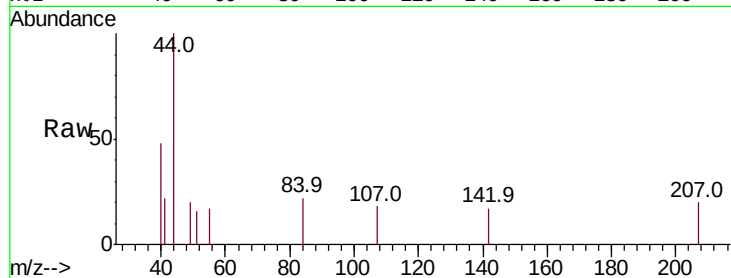




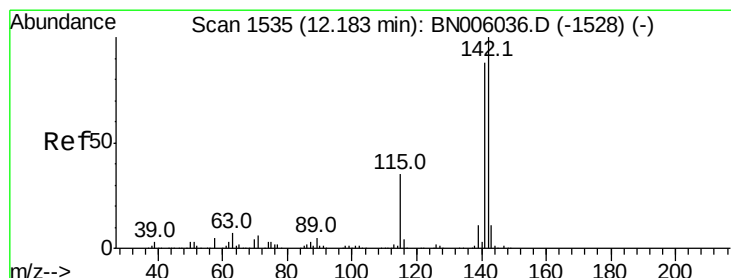
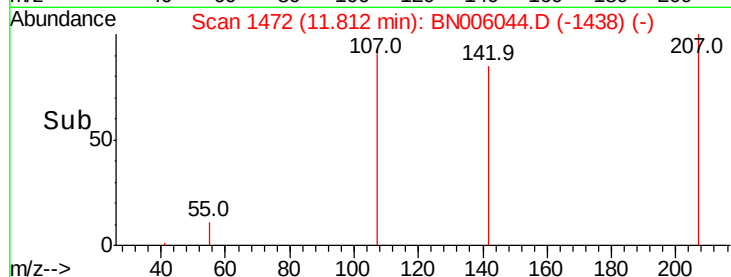
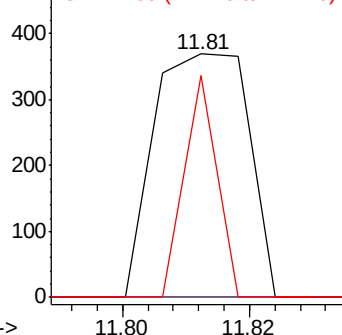
#33
 4-Chloro-3-methylphenol
 Concen: 0.014 ng/ul
 RT: 11.81 min Scan# 1472
 Delta R.T. 0.00 min
 Lab File: BN006044.D
 Acq: 03 Jun 2019 19:30

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:107 Resp: 379
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.0 30.0#
 142 91.1 63.1 94.7

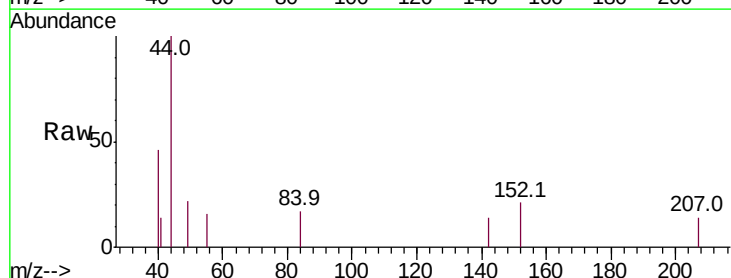


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

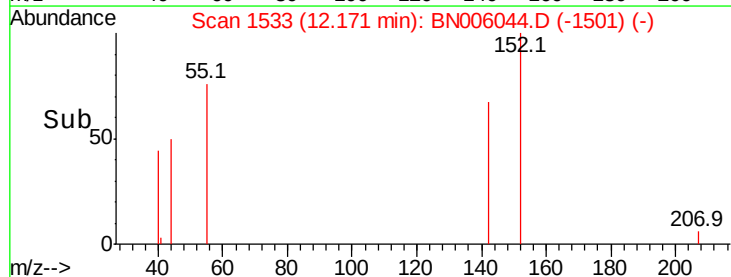
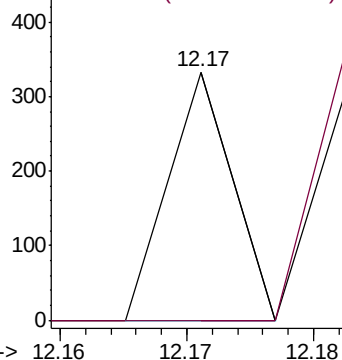


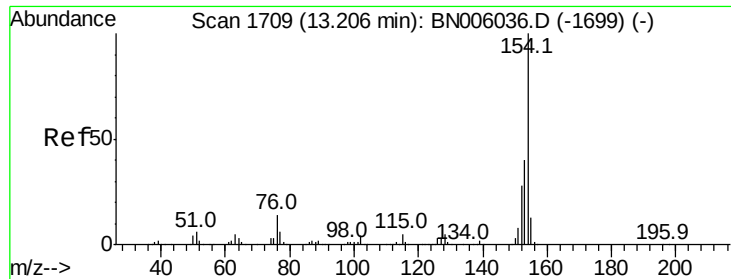
#34
 2-Methylnaphthalene
 Concen: 0.002 ng/ul
 RT: 12.17 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BN006044.D
 Acq: 03 Jun 2019 19:30

Tgt Ion:142 Resp: 118
 Ion Ratio Lower Upper
 142 100
 141 0.0 70.4 105.6#



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E





#40

1,1'-Biphenyl

Concen: 0.006 ng/ul

RT: 13.21 min Scan# 1710

Delta R.T. 0.01 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

Instrument :

BNA_N

ClientSampleId :

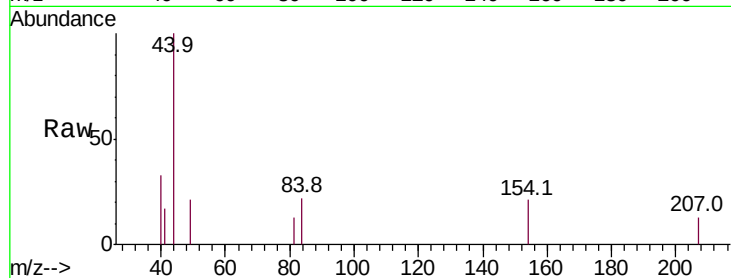
Tot Ion:154 Resp: 456

Ion Ratio Lower Upper

154 100

153 0.0 32.3 48.5#

76 0.0 11.0 16.6#



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

13.21

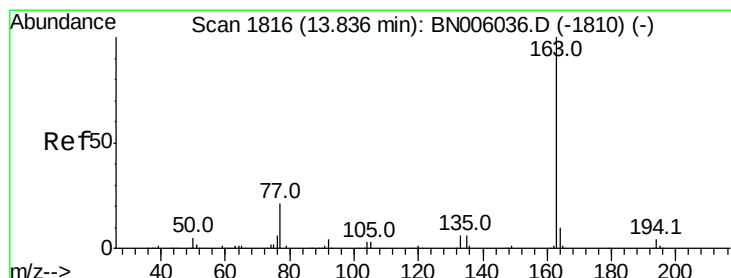
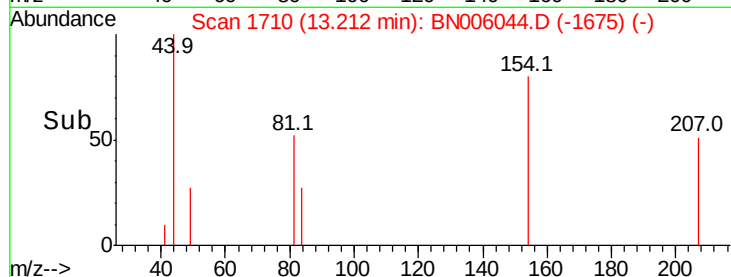
400

200

0

13.20 13.22

Time-->



#44

Dimethylphthalate

Concen: 0.012 ng/ul

RT: 13.84 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

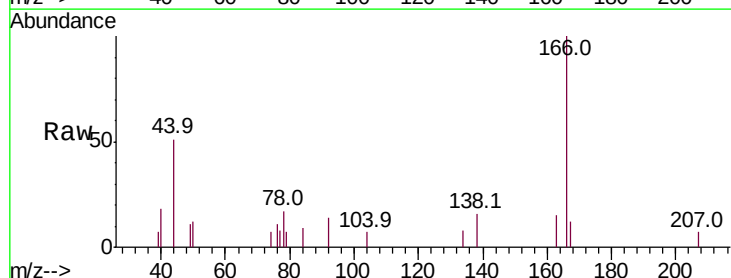
Tgt Ion:163 Resp: 789

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

164 0.0 8.2 12.4#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

4000

3000

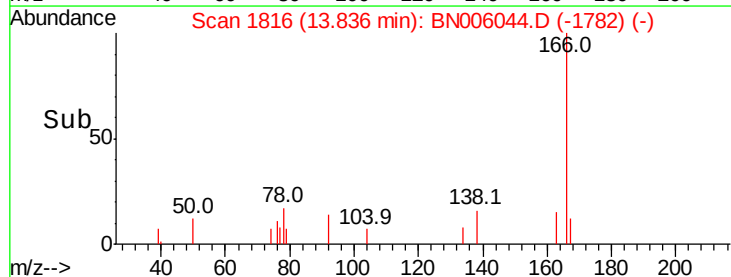
2000

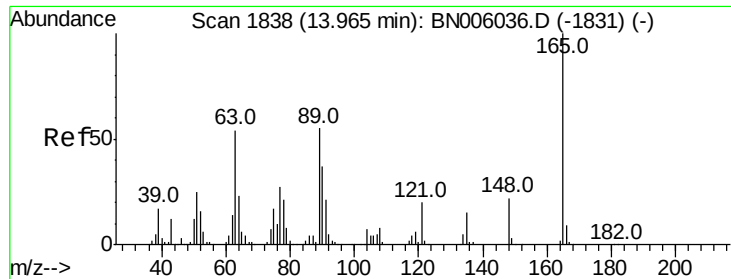
1000

0

13.80 13.82 13.84

Time-->

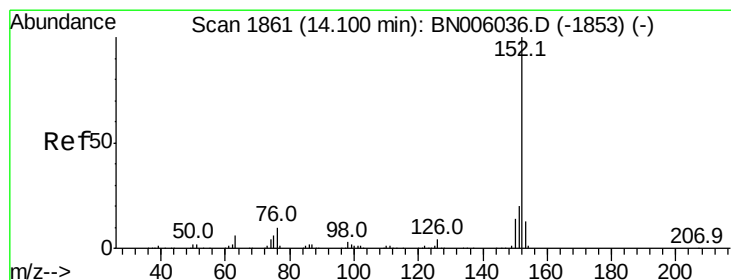
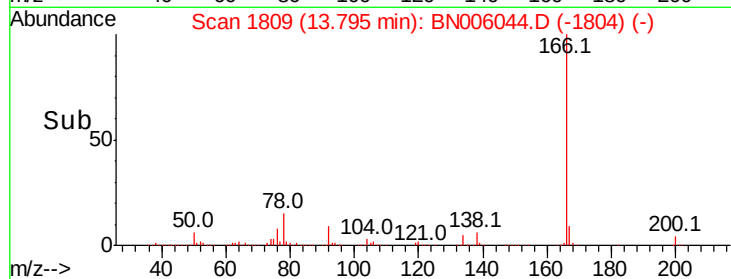
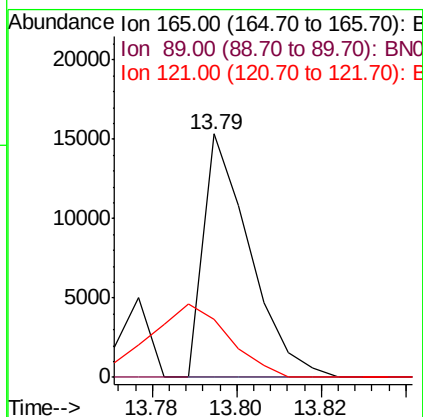
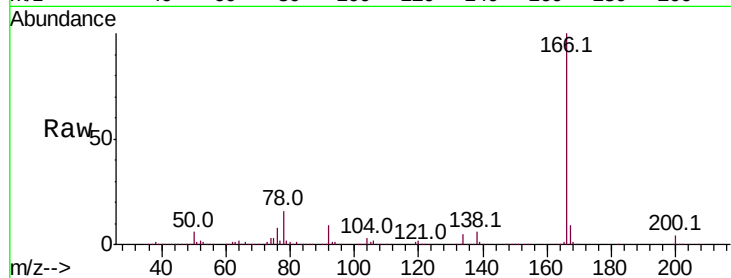




#45
2,6-Dinitrotoluene
Concen: 0.835 ng/ul
RT: 13.79 min Scan# 1809
Delta R.T. -0.17 min
Lab File: BN006044.D
Acq: 03 Jun 2019 19:30

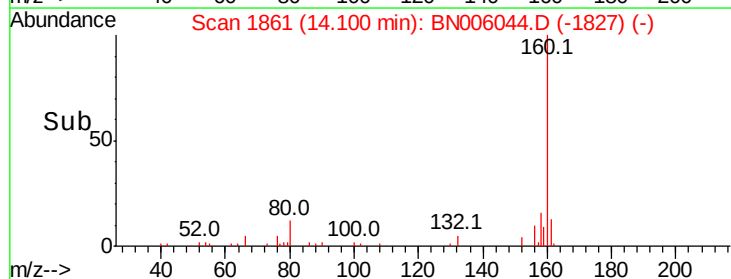
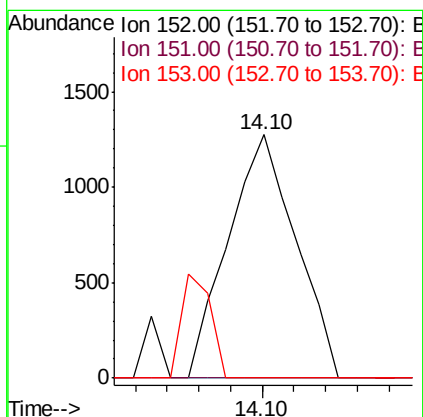
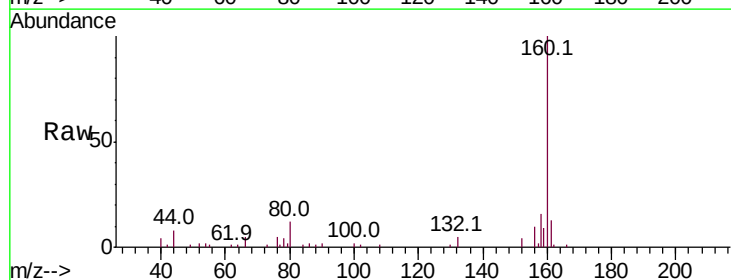
Instrument :
BNA_N
ClientSampleId :

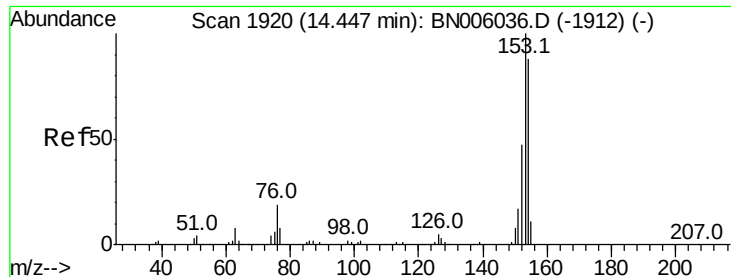
Tot Ion:165 Resp: 11640
Ion Ratio Lower Upper
165 100
89 0.0 44.2 66.2#
121 23.7 15.6 23.4#



#47
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.10 min Scan# 1861
Delta R.T. 0.00 min
Lab File: BN006044.D
Acq: 03 Jun 2019 19:30

Tgt Ion:152 Resp: 1891
Ion Ratio Lower Upper
152 100
151 0.0 16.2 24.2#
153 0.0 10.5 15.7#





#49

Acenaphthene

Concen: 0.007 ng/ul

RT: 14.45 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

Instrument :

BNA_N

ClientSampleId :

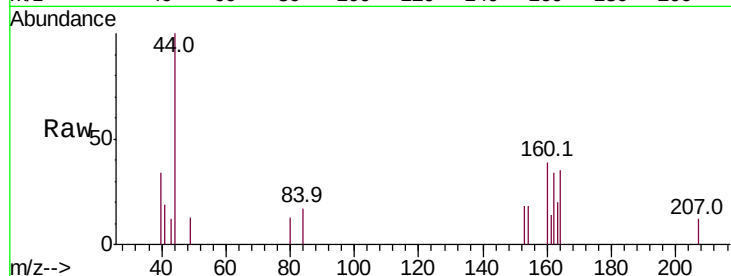
Tot Ion:153 Resp: 422

Ion Ratio Lower Upper

153 100

152 0.0 37.4 56.2#

154 101.9 70.7 106.1



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

800

600

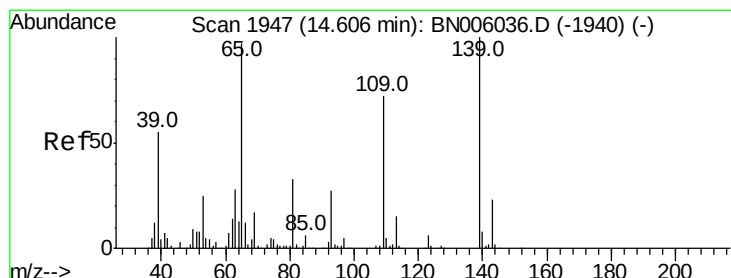
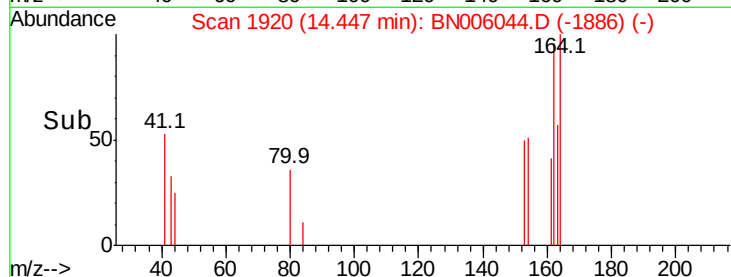
400

200

0

14.42 14.44 14.46

Time-->



#52

4-Nitrophenol

Concen: 0.059 ng/ul

RT: 14.60 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

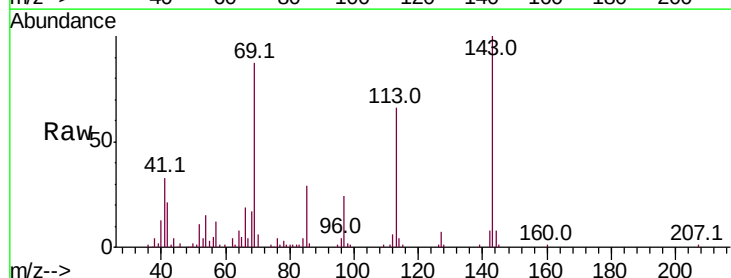
Tgt Ion:109 Resp: 552

Ion Ratio Lower Upper

109 100

139 89.2 111.8 167.6#

65 744.1 108.5 162.7#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC

15000

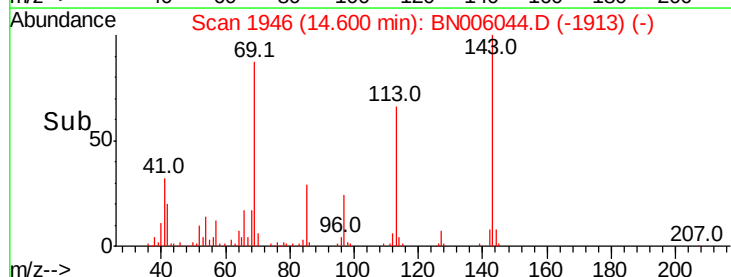
10000

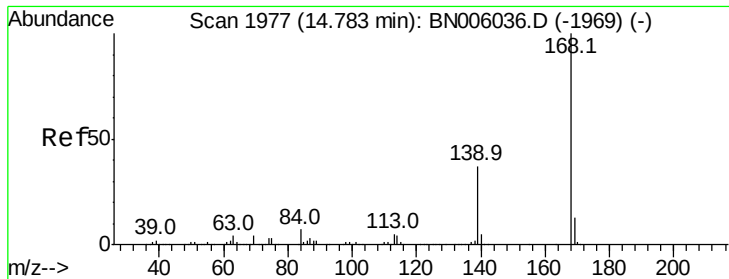
5000

0

14.58 14.60

Time-->





#53

Dibenzofuran

Concen: 0.011 ng/ul

RT: 14.78 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

Instrument :

BNA_N

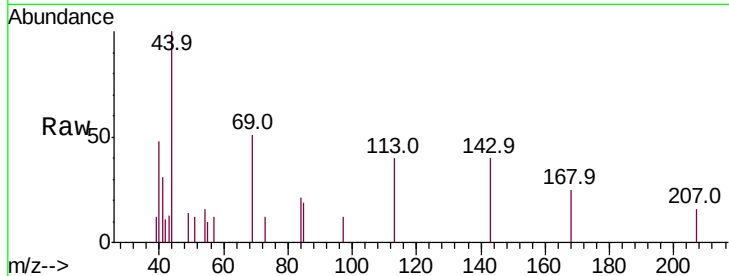
ClientSampleId :

Tot Ion:168 Resp: 879

Ion Ratio Lower Upper

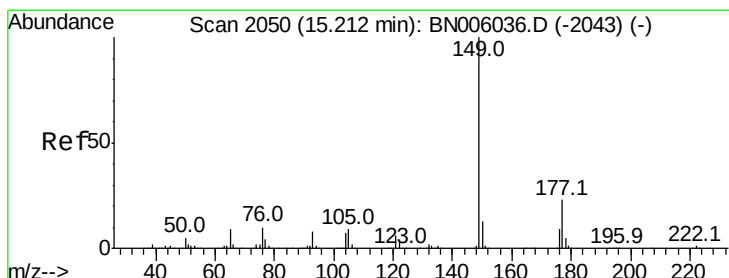
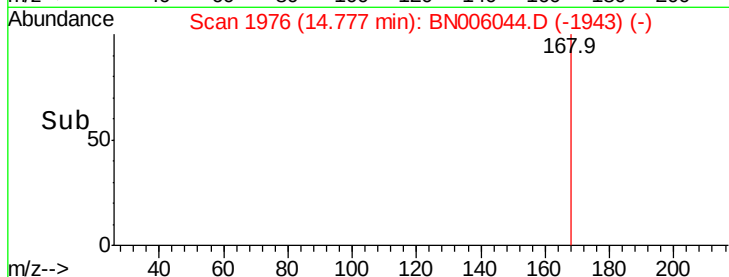
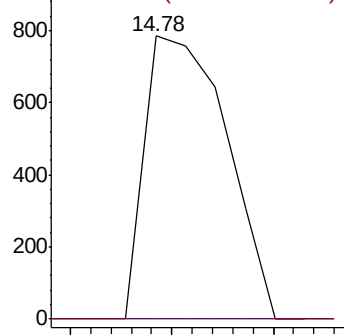
168 100

139 0.0 29.8 44.6#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#56

Diethylphthalate

Concen: 0.013 ng/ul

RT: 15.21 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

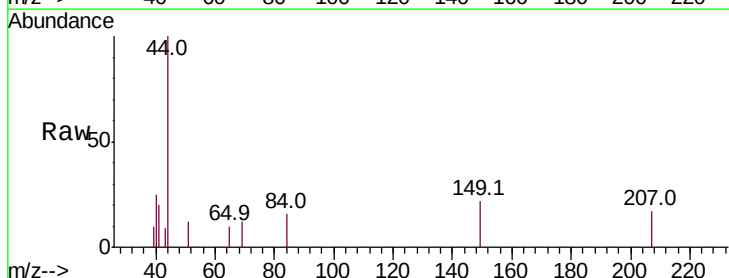
Tgt Ion:149 Resp: 832

Ion Ratio Lower Upper

149 100

177 0.0 18.4 27.6#

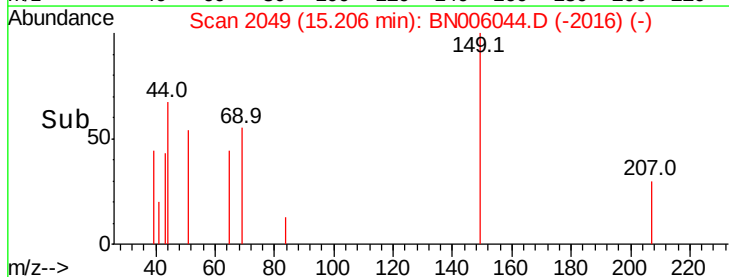
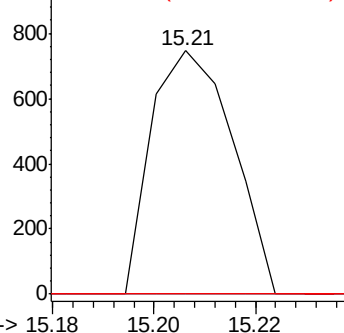
150 0.0 10.1 15.1#

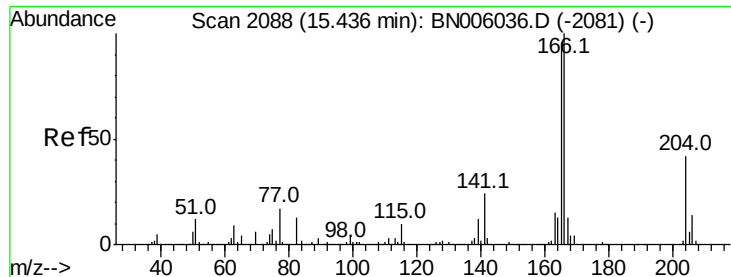


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

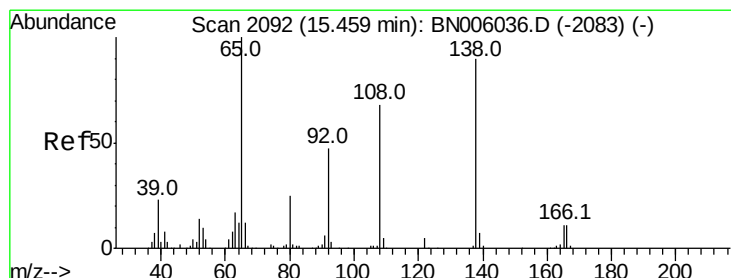
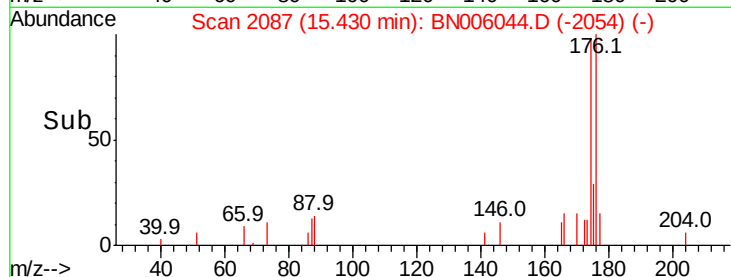
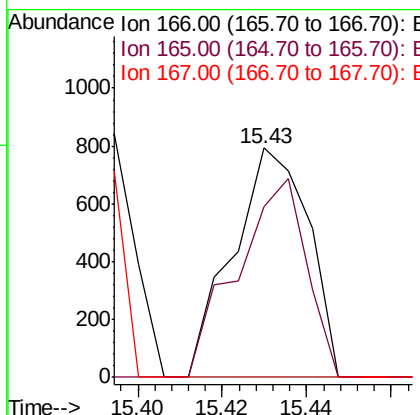
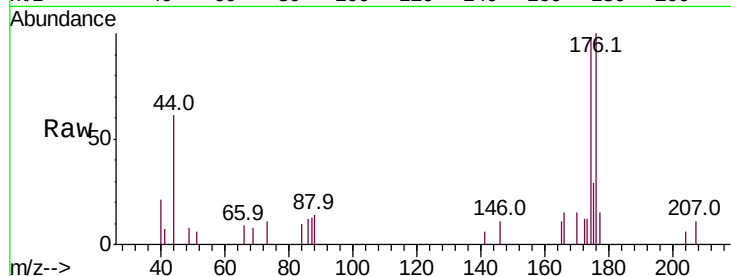




#58
 Fluorene
 Concen: 0.016 ng/ul
 RT: 15.43 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BN006044.D
 Acq: 03 Jun 2019 19:30

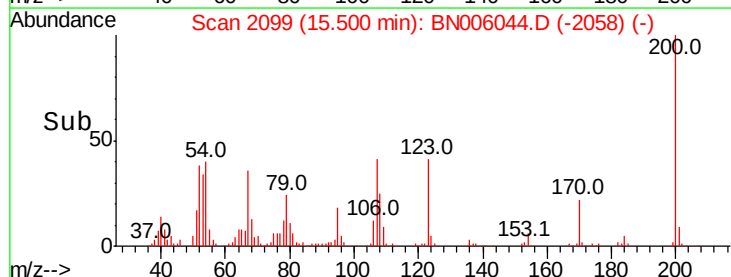
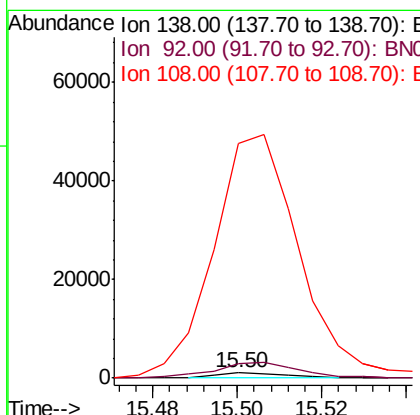
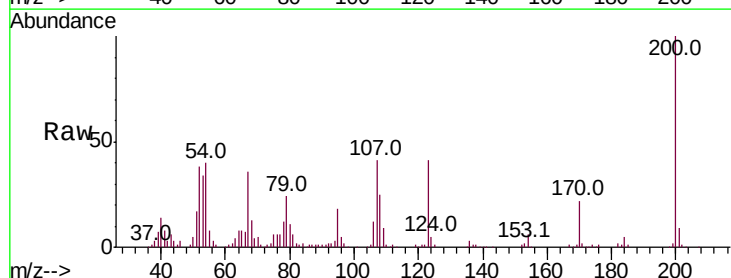
Instrument :
 BNA_N
 ClientSampled :

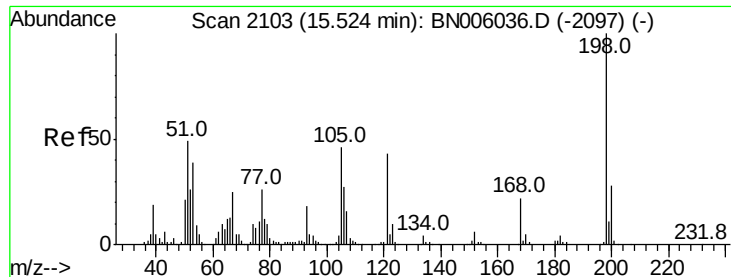
Tot Ion:166 Resp: 989
 Ion Ratio Lower Upper
 166 100
 165 74.7 76.6 115.0#
 167 0.0 10.8 16.2#



#60
 4-Nitroaniline
 Concen: 0.077 ng/ul
 RT: 15.50 min Scan# 2099
 Delta R.T. 0.04 min
 Lab File: BN006044.D
 Acq: 03 Jun 2019 19:30

Tgt Ion:138 Resp: 1252
 Ion Ratio Lower Upper
 138 100
 92 296.0 41.7 62.5#
 108 4678.0 61.0 91.6#

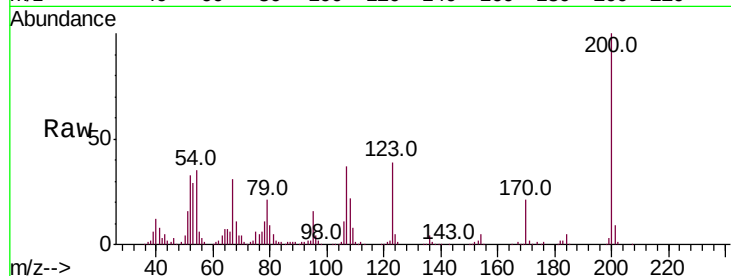




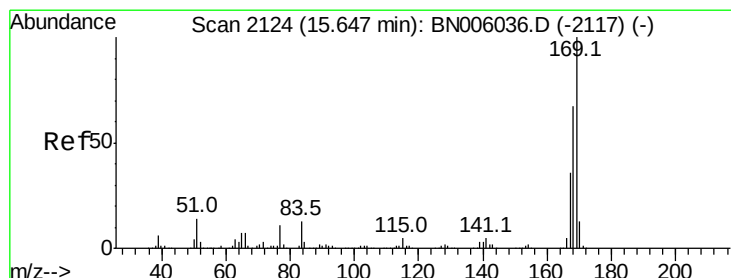
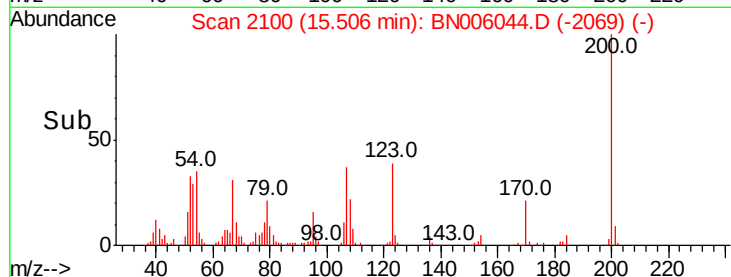
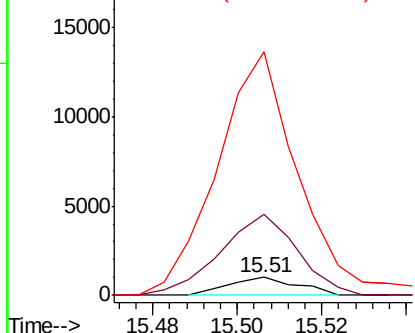
#63
 4,6-Dinitro-2-methylphenol
 Concen: 0.121 ng/ul
 RT: 15.51 min Scan# 2100
 Delta R.T. -0.02 min
 Lab File: BN006044.D
 Acq: 03 Jun 2019 19:30

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:198 Resp: 1143
 Ion Ratio Lower Upper
 198 100
 182 449.2 3.1 4.7#
 77 1354.9 21.5 32.3#

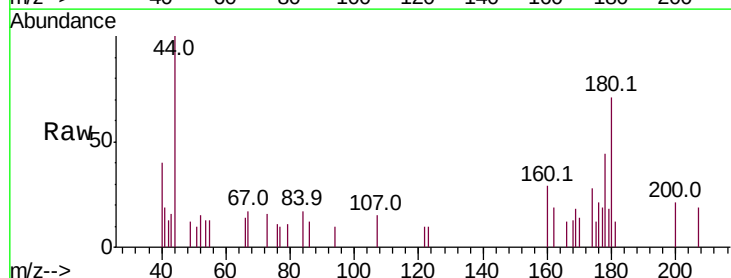


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BNO

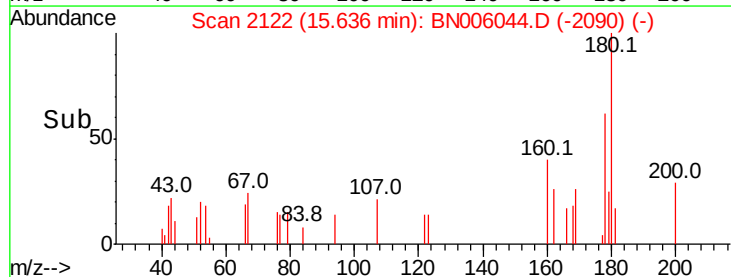
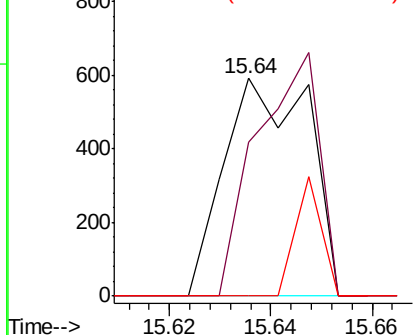


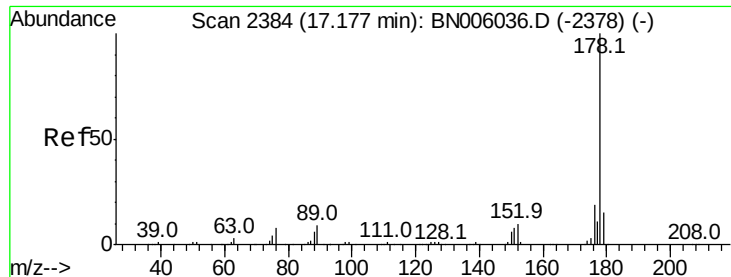
#64
 N-Nitrosodiphenylamine
 Concen: 0.013 ng/ul
 RT: 15.64 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BN006044.D
 Acq: 03 Jun 2019 19:30

Tgt Ion:169 Resp: 684
 Ion Ratio Lower Upper
 169 100
 168 70.8 53.4 80.2
 167 0.0 28.6 42.8#



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





#69

Phenanthrene

Concen: 0.016 ng/ul

RT: 17.18 min Scan# 2384

Delta R.T. 0.00 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

Instrument :

BNA_N

ClientSampled :

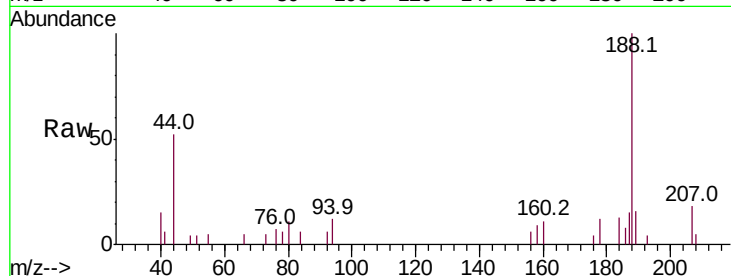
Tot Ion:178 Resp: 1492

Ion Ratio Lower Upper

178 100

179 0.0 12.4 18.6#

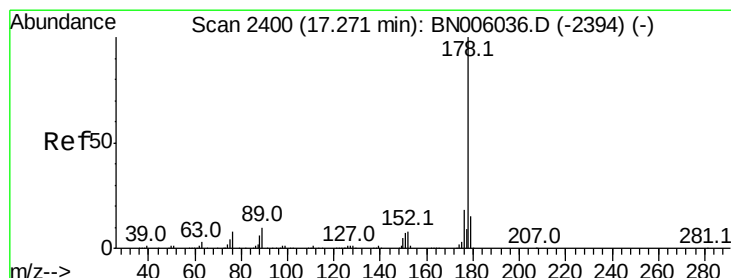
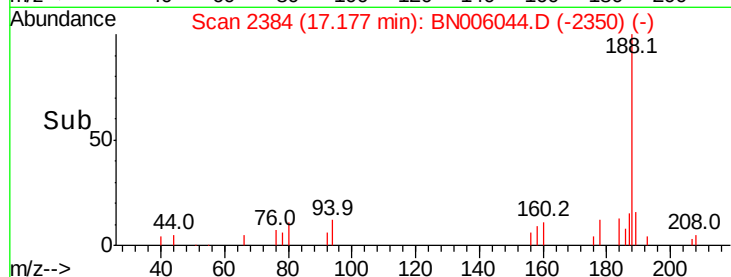
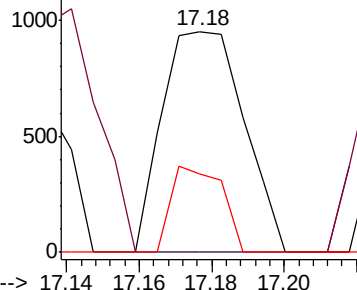
176 35.4 15.0 22.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 0.013 ng/ul

RT: 17.26 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

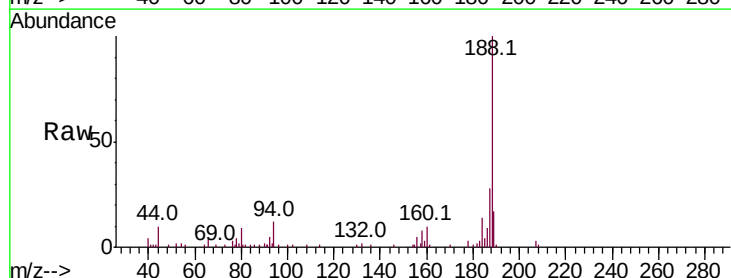
Tgt Ion:178 Resp: 1210

Ion Ratio Lower Upper

178 100

179 0.0 12.4 18.6#

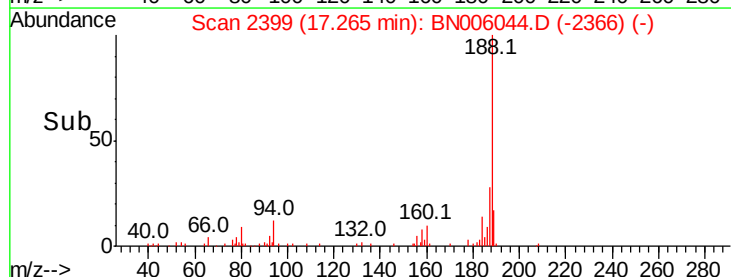
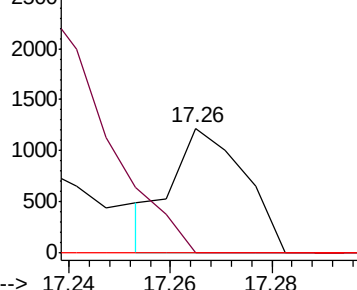
176 0.0 14.8 22.2#

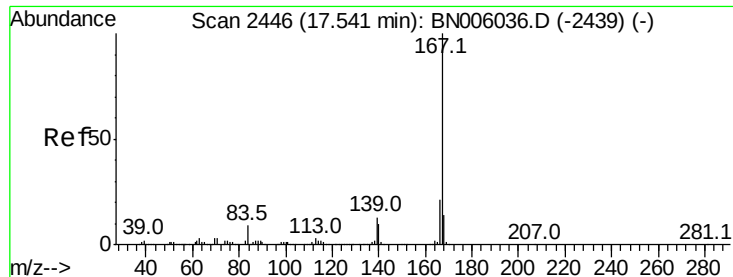


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 0.013 ng/ul

RT: 17.55 min Scan# 2447

Delta R.T. 0.01 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

Instrument :

BNA_N

ClientSampleId :

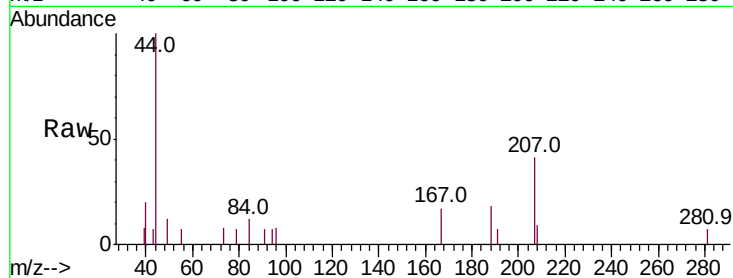
Tot Ion:167 Resp: 1062

Ion Ratio Lower Upper

167 100

166 0.0 17.0 25.6#

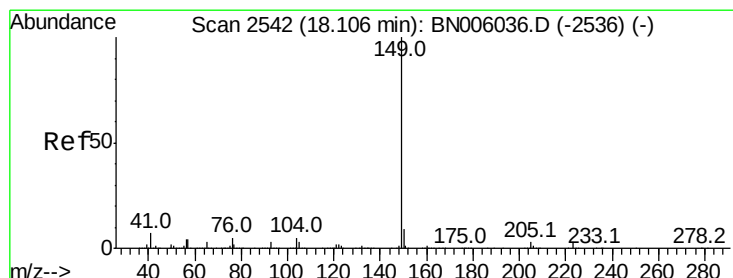
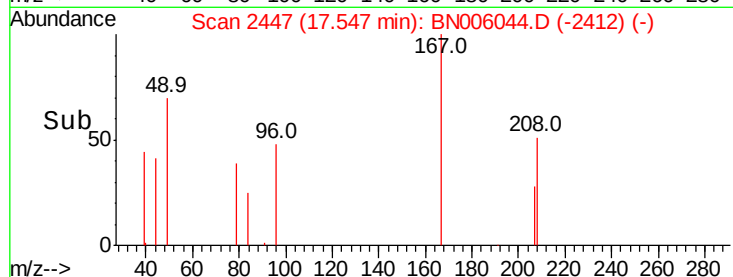
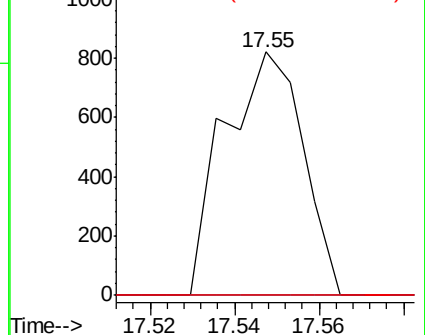
139 0.0 10.4 15.6#



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



#75

Di-n-butylphthalate

Concen: 0.061 ng/ul

RT: 18.11 min Scan# 2542

Delta R.T. 0.00 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

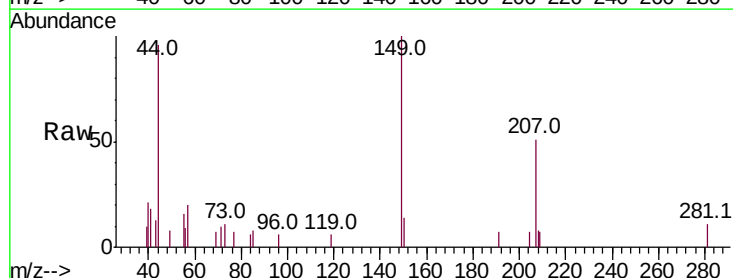
Tgt Ion:149 Resp: 6275

Ion Ratio Lower Upper

149 100

150 13.9 7.4 11.2#

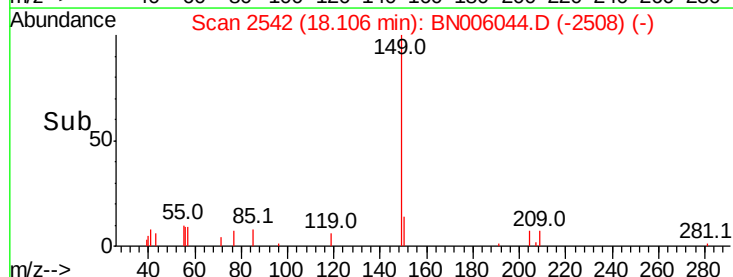
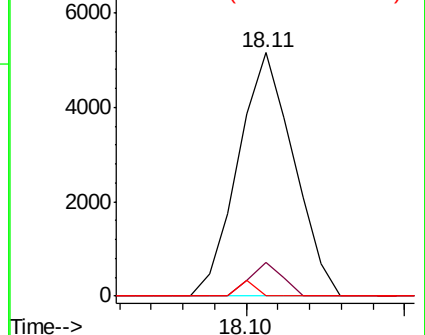
104 0.0 4.2 6.2#

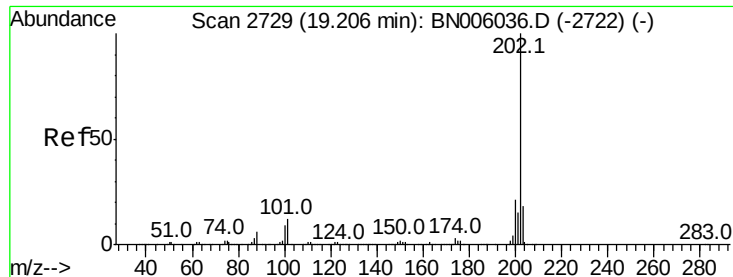


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#76

Fluoranthene

Concen: 0.031 ng/ul

RT: 19.21 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

Instrument :

BNA_N

ClientSampleId :

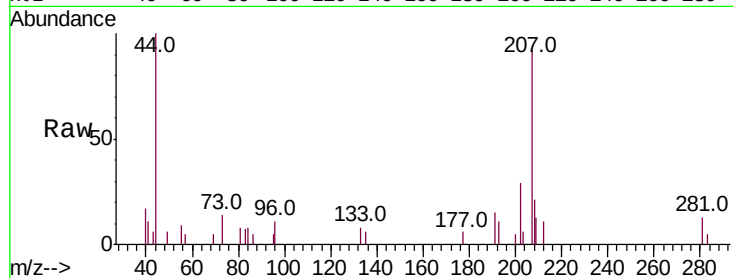
Tot Ion:202 Resp: 2786

Ion Ratio Lower Upper

202 100

101 0.0 9.6 14.4#

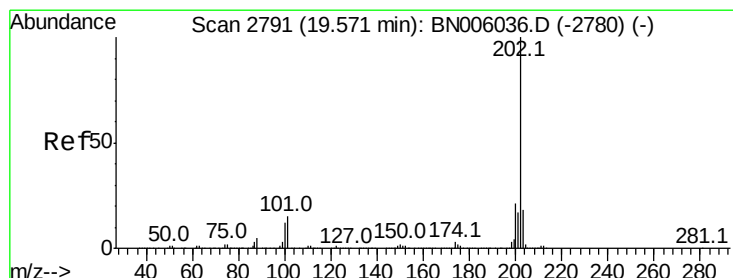
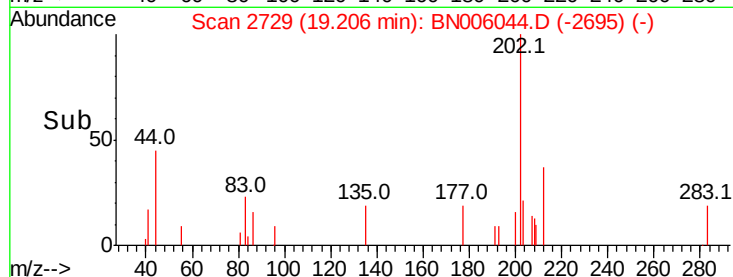
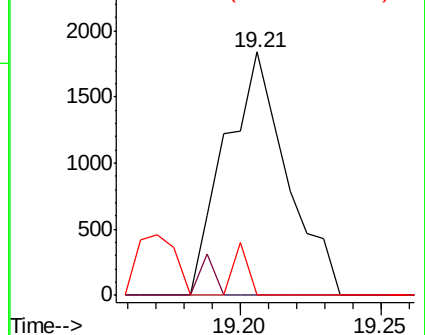
100 0.0 7.1 10.7#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 0.031 ng/ul

RT: 19.57 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

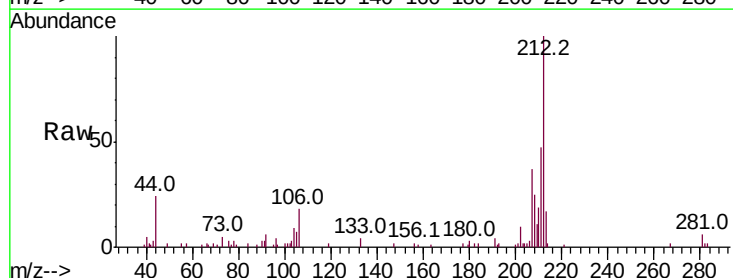
Tgt Ion:202 Resp: 3204

Ion Ratio Lower Upper

202 100

101 23.2 11.6 17.4#

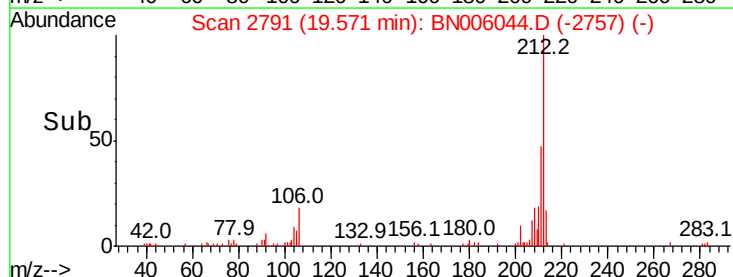
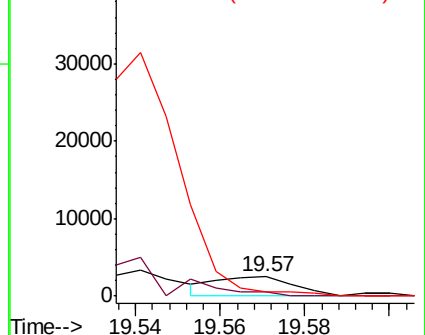
100 24.0 9.4 14.2#

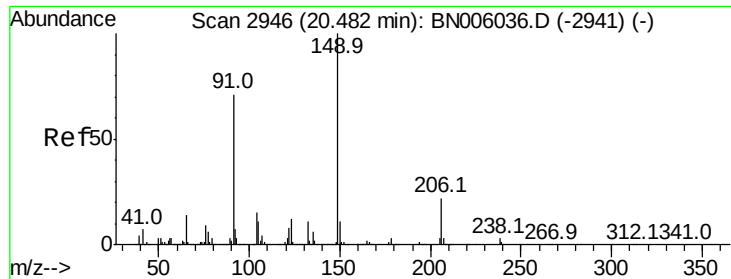


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

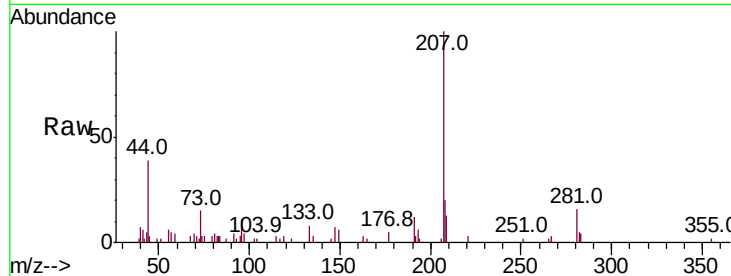




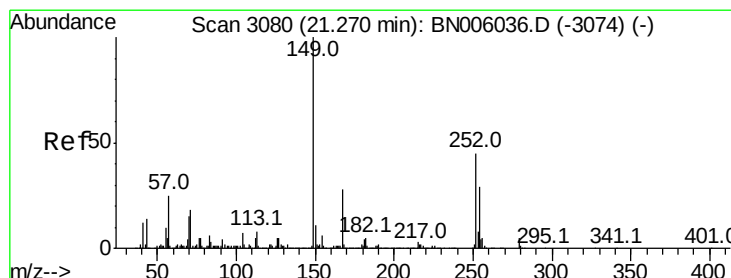
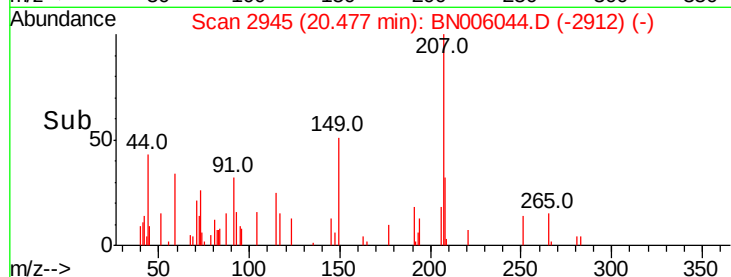
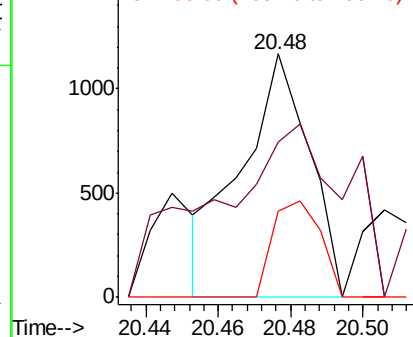
#80
Butylbenzylphthalate
Concen: 0.033 ng/ul
RT: 20.48 min Scan# 2945
Delta R.T. -0.01 min
Lab File: BN006044.D
Acq: 03 Jun 2019 19:30

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	63.6	57.0	85.6
206	35.4	17.4	26.2

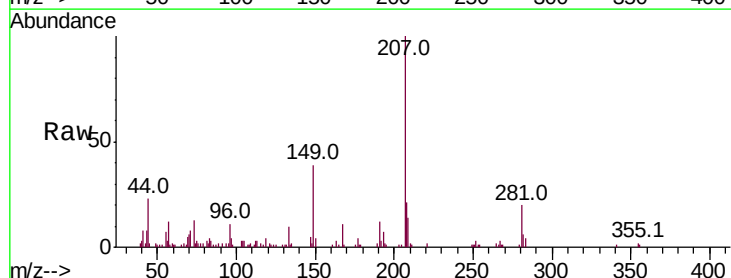


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BNA_N
Ion 206.00 (205.70 to 206.70): E

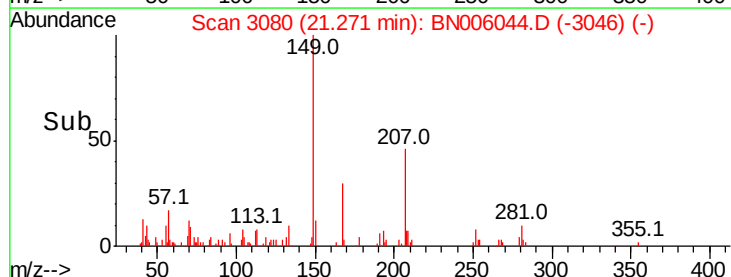
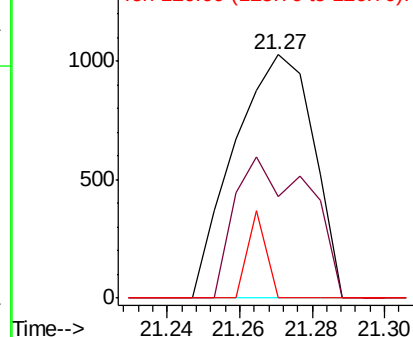


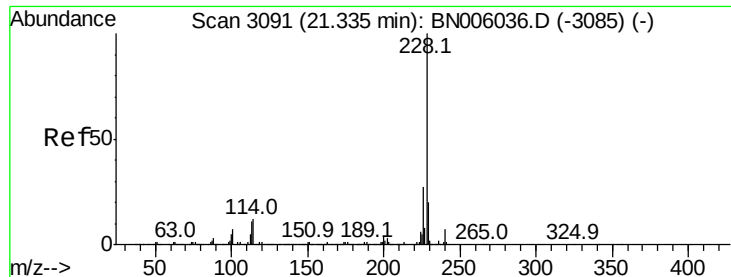
#81
3,3'-Dichlorobenzidine
Concen: 0.058 ng/ul
RT: 21.27 min Scan# 3080
Delta R.T. 0.00 min
Lab File: BN006044.D
Acq: 03 Jun 2019 19:30

Tgt Ion	Ratio	Lower	Upper
252	100		
254	41.6	50.7	76.1
126	0.0	9.0	13.6



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





#82

Benzo(a)anthracene

Concen: 0.031 ng/ul

RT: 21.39 min Scan# 3100

Delta R.T. 0.05 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

Instrument :

BNA_N

ClientSampled :

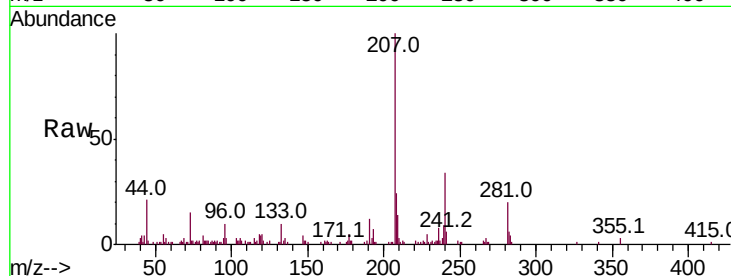
Tot Ion:228 Resp: 2670

Ion Ratio Lower Upper

228 100

229 20.5 15.8 23.8

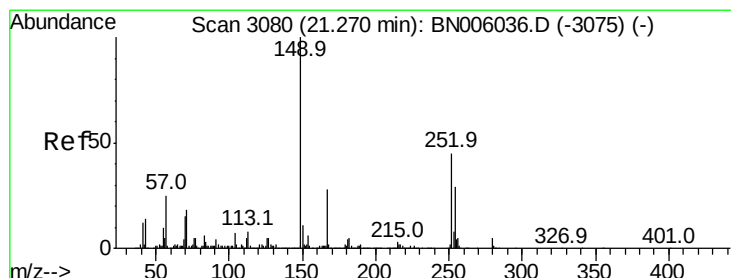
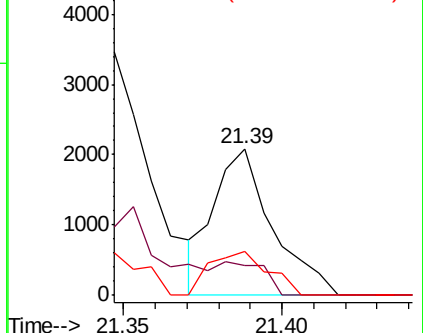
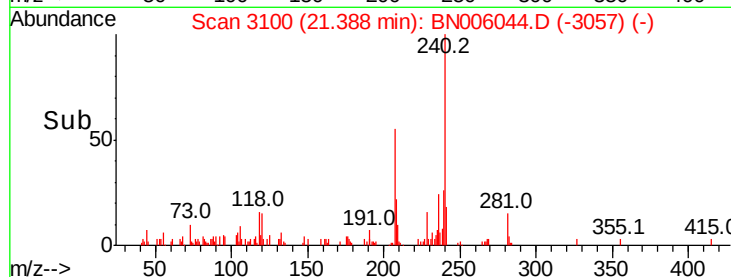
226 29.8 21.6 32.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.356 ng/ul

RT: 21.26 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

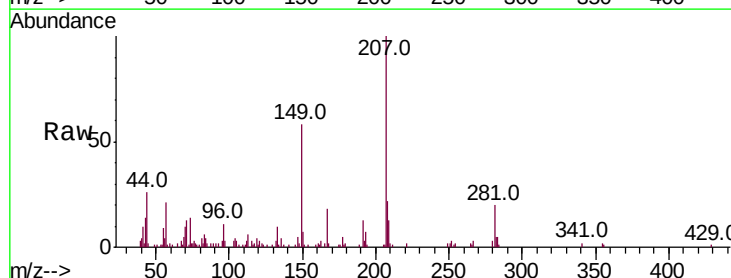
Tgt Ion:149 Resp: 22508

Ion Ratio Lower Upper

149 100

167 31.2 22.5 33.7

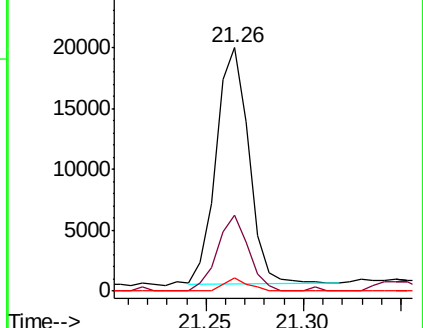
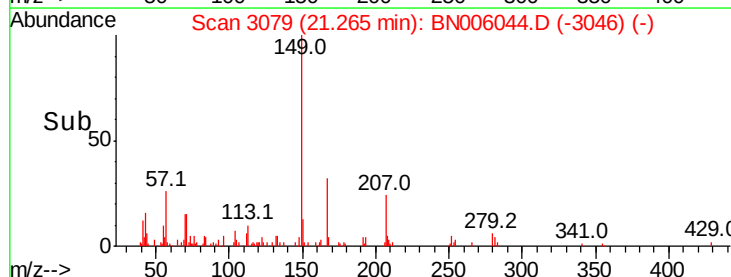
279 5.5 3.6 5.4#

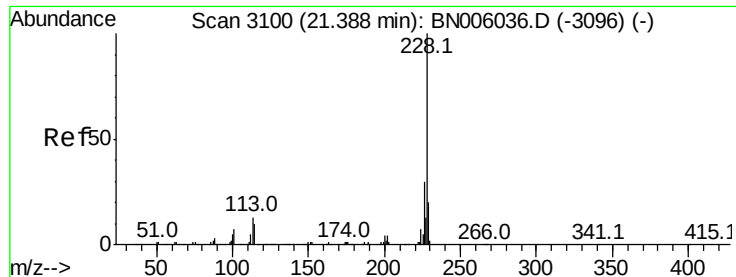


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 0.032 ng/ul

RT: 21.39 min Scan# 3100

Delta R.T. 0.00 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

Instrument :

BNA_N

ClientSampled :

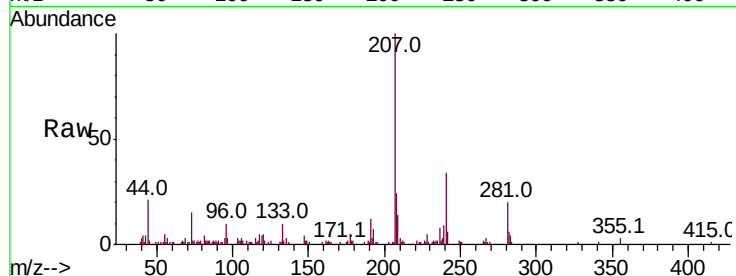
Tot Ion:228 Resp: 2670

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.4

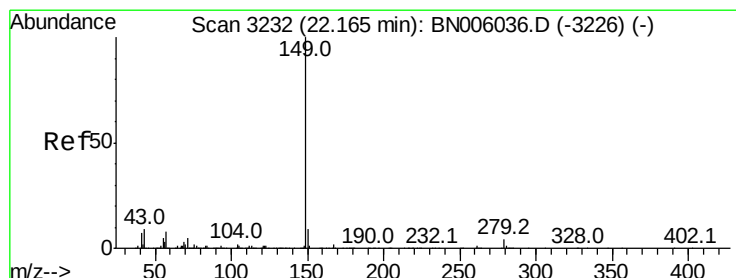
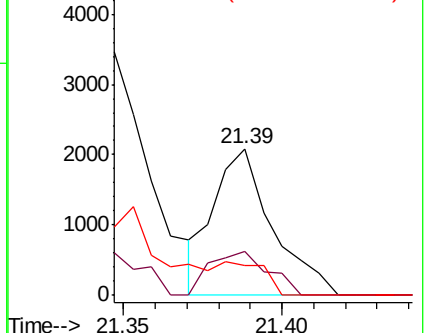
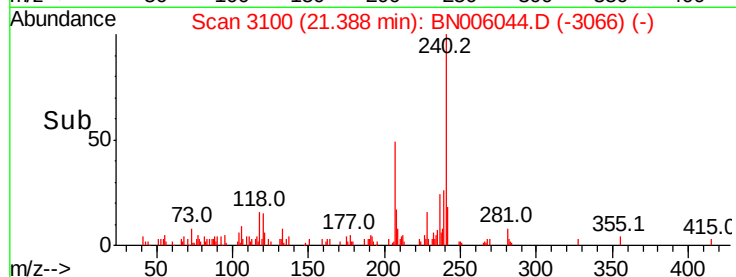
229 20.5 16.3 24.5



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



#86

Di-n-octyl phthalate

Concen: 0.035 ng/ul

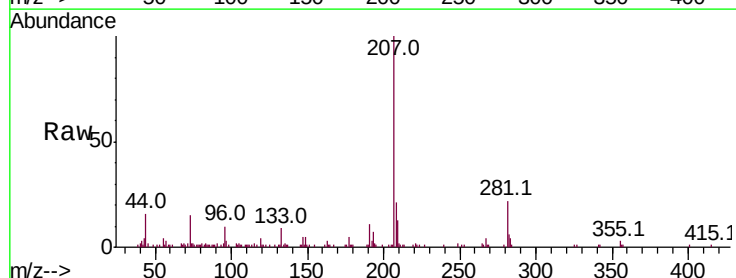
RT: 22.16 min Scan# 3231

Delta R.T. -0.01 min

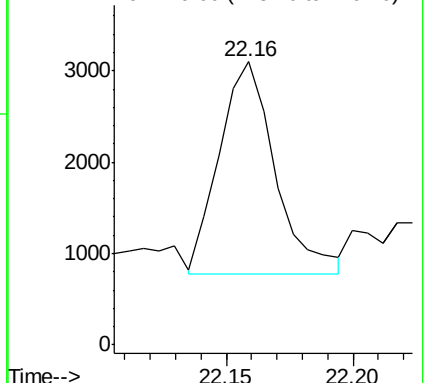
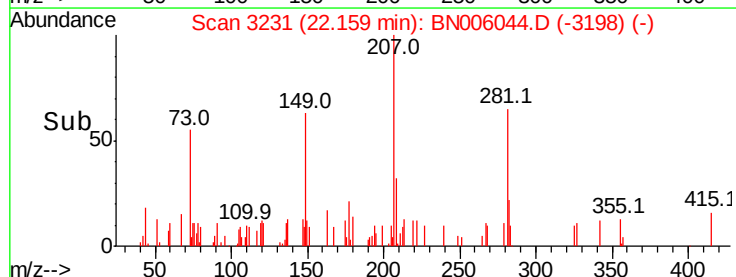
Lab File: BN006044.D

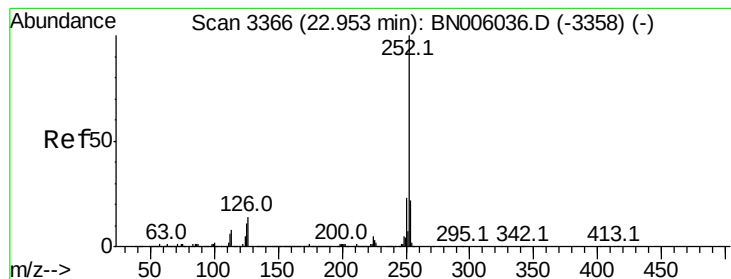
Acq: 03 Jun 2019 19:30

Tgt Ion:149 Resp: 3543



Abundance Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 0.037 ng/ul

RT: 22.95 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

Instrument :

BNA_N

ClientSampled :

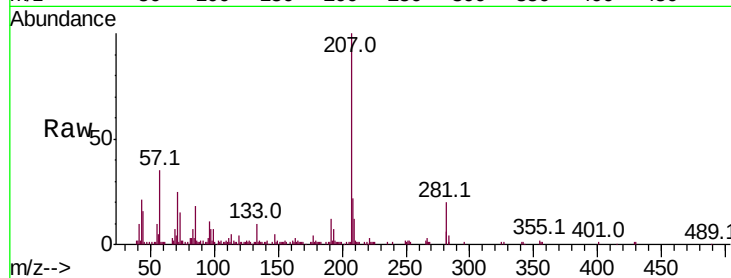
Tot Ion:252 Resp: 2985

Ion Ratio Lower Upper

252 100

253 52.2 17.3 25.9#

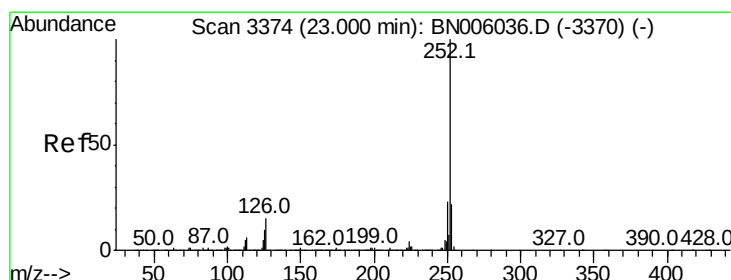
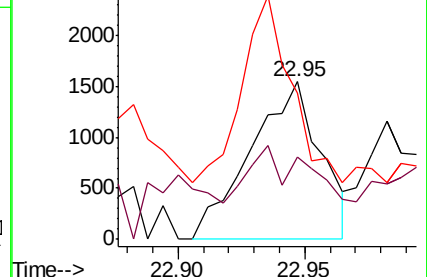
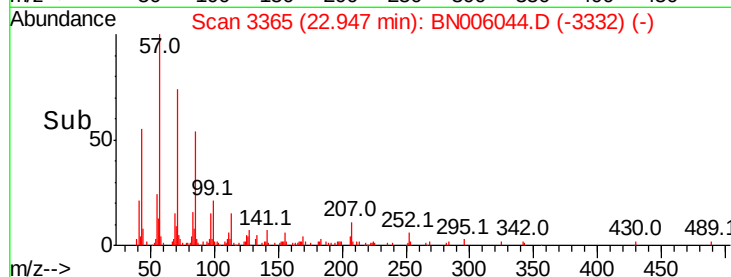
125 92.8 8.5 12.7#



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: 0.015 ng/ul

RT: 22.98 min Scan# 3371

Delta R.T. -0.02 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

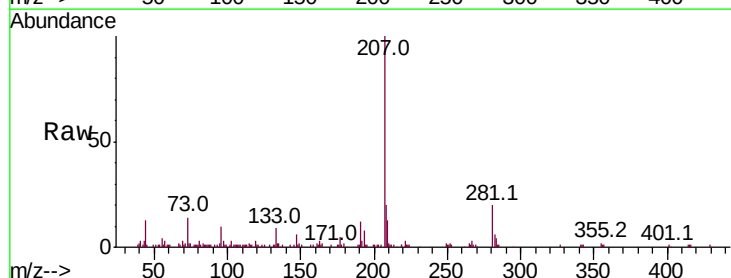
Tgt Ion:252 Resp: 1163

Ion Ratio Lower Upper

252 100

253 47.2 17.5 26.3#

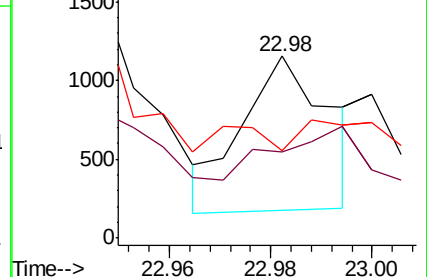
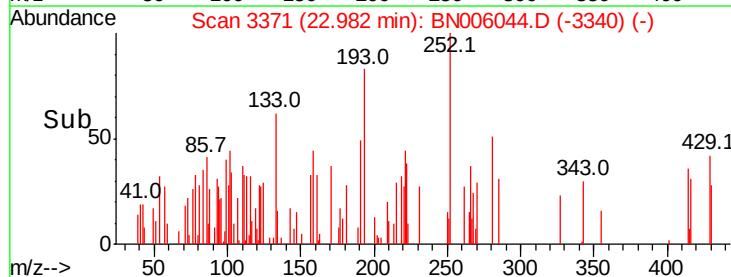
125 48.1 8.2 12.4#

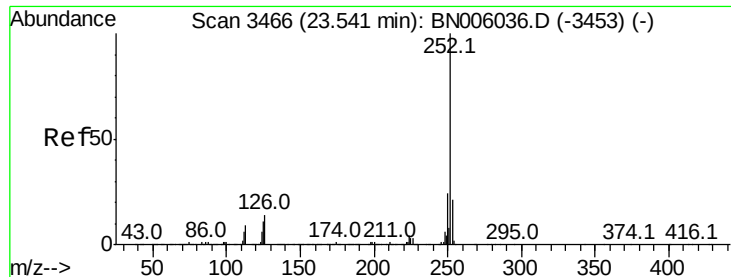


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.111 ng/ul

RT: 23.49 min Scan# 3457

Delta R.T. -0.05 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

Instrument :

BNA_N

ClientSampled :

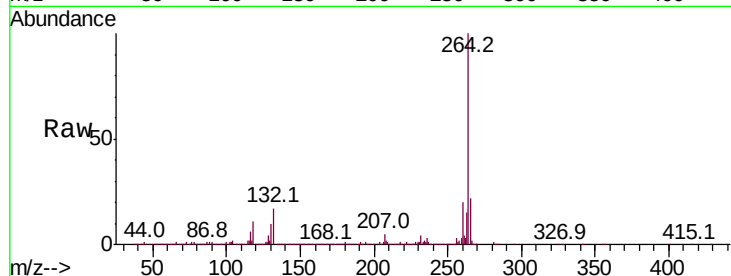
Tot Ion:252 Resp: 8556

Ion Ratio Lower Upper

252 100

253 35.3 17.1 25.7#

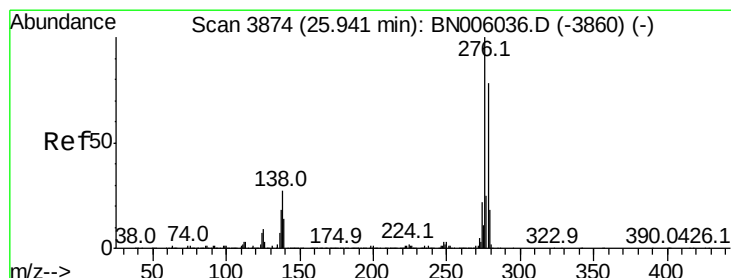
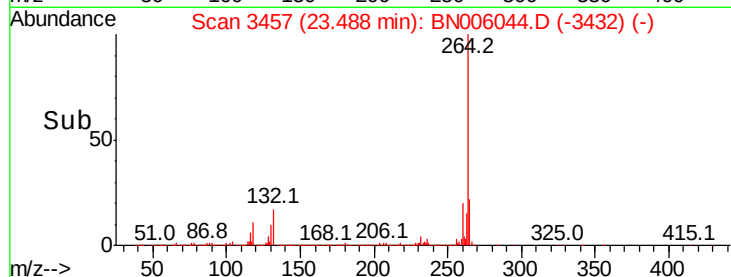
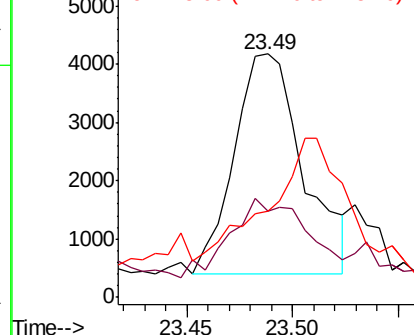
125 35.3 9.2 13.8#



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 0.038 ng/ul

RT: 25.92 min Scan# 3871

Delta R.T. -0.02 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

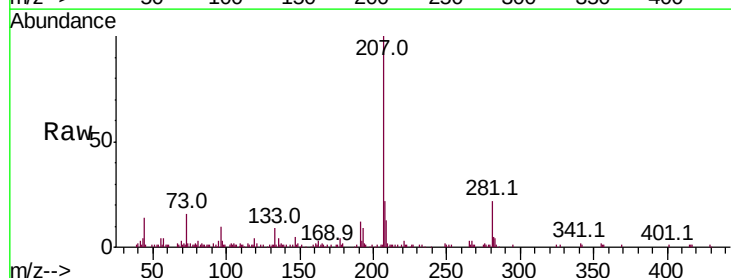
Tgt Ion:276 Resp: 3390

Ion Ratio Lower Upper

276 100

138 36.9 21.4 32.2#

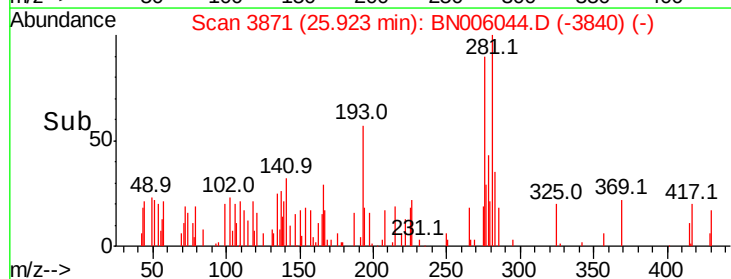
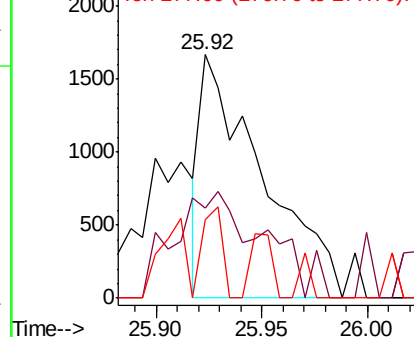
277 32.1 20.2 30.2#

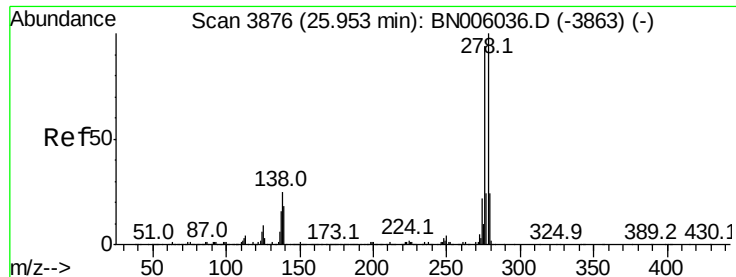


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 0.007 ng/ul

RT: 25.95 min Scan# 3875

Delta R.T. -0.01 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

Instrument :

BNA_N

ClientSampleId :

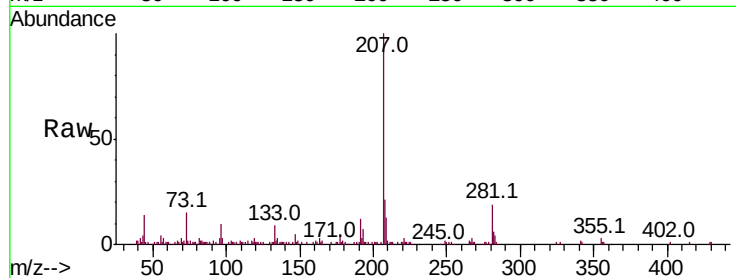
Tot Ion:278 Resp: 559

Ion Ratio Lower Upper

278 100

139 55.6 14.2 21.2#

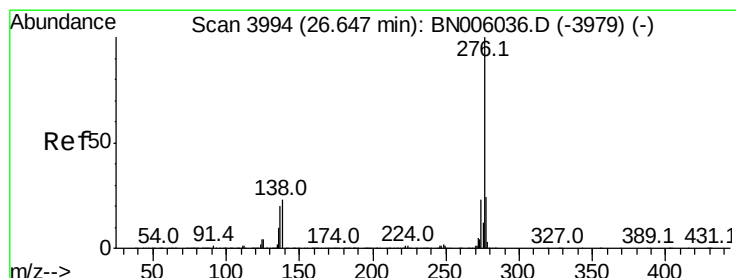
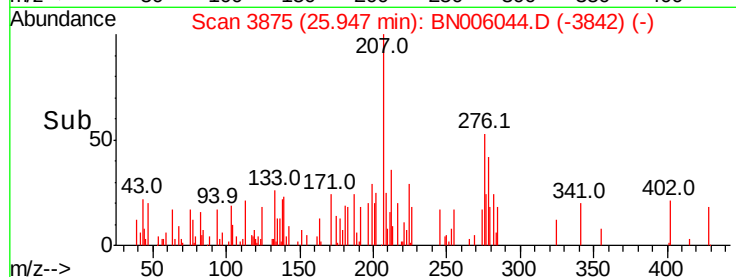
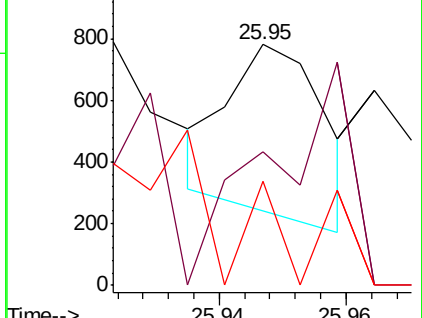
279 43.3 19.4 29.0#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 0.027 ng/ul

RT: 26.63 min Scan# 3991

Delta R.T. -0.02 min

Lab File: BN006044.D

Acq: 03 Jun 2019 19:30

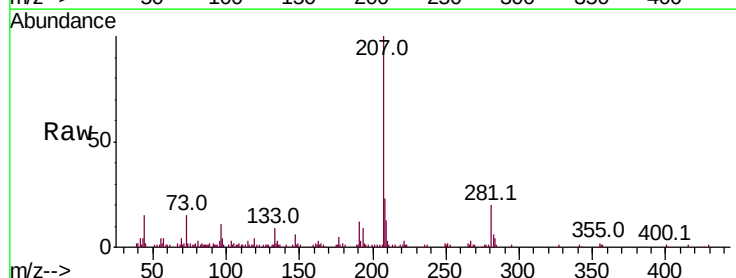
Tgt Ion:276 Resp: 1949

Ion Ratio Lower Upper

276 100

138 44.9 18.8 28.2#

277 48.1 19.4 29.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

