

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
 Data File : BN006051.D
 Acq On : 03 Jun 2019 23:31
 Operator : JU/SJ
 Sample : K2925-07MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 04 01:27:49 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	406909	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1714386	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	908260	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1614024	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1189226	20.00	ng/ul	-0.01
85) Perylene-d12	23.62	264	1373415	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	28147	3.22	ng/uL	0.00
5) Phenol-d5	6.89	99	453665	13.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	377351	19.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	446785	16.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	315723	11.74	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	243807	19.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	249829	18.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	387450	15.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	75386	2.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1379909	21.48	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	1654943	20.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	50026	4.21	ng/ul	0.00
57) Fluorene-d10	15.38	176	1096539	20.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	67049	8.57	ng/ul	0.00
70) Anthracene-d10	17.23	188	1356181	20.05	ng/ul	0.00
78) Pyrene-d10	19.54	212	1321040	19.47	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.48	264	1240232	20.33	ng/ul	-0.01

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.29	88	348	0.038	ng/uL# 29
4) Benzaldehyde	6.87	77	12122	0.530	ng/ul 93
6) Phenol	6.92	94	473516	13.790	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.17	93	1425	0.054	ng/ul# 22
10) 2-Chlorophenol	7.29	128	451500	16.746	ng/ul 98
14) Acetophenone	8.54	105	28625	0.719	ng/ul# 94
15) N-Nitroso-di-n-propylamine	8.52	70	412441	19.996	ng/ul 99
17) Hexachloroethane	8.91	117	827	0.083	ng/ul# 8
20) Nitrobenzene	8.91	77	403	0.014	ng/ul# 39
21) Isophorone	9.45	82	389	0.007	ng/ul# 66
28) Naphthalene	10.56	128	6289	0.078	ng/ul# 92
30) 4-Chloroaniline	10.56	127	642	0.021	ng/ul# 1
32) Caprolactam	11.45	113	786	0.087	ng/ul# 84
33) 4-Chloro-3-methylphenol	11.81	107	386123	13.978	ng/ul 100
34) 2-Methylnaphthalene	12.18	142	11180	0.194	ng/ul 99
40) 1,1'-Biphenyl	13.21	154	2573	0.038	ng/ul# 85
42) 2-Nitroaniline	13.50	65	107	0.007	ng/ul# 3
44) Dimethylphthalate	13.84	163	300233	4.721	ng/ul 98
45) 2,6-Dinitrotoluene	13.91	165	406	0.030	ng/ul# 33
47) Acenaphthylene	14.10	152	11865	0.146	ng/ul# 87
48) 3-Nitroaniline	14.45	138	1226	0.089	ng/ul# 1
49) Acenaphthene	14.44	153	1253061	22.898	ng/ul 99
52) 4-Nitrophenol	14.60	109	43047	4.798	ng/ul 97

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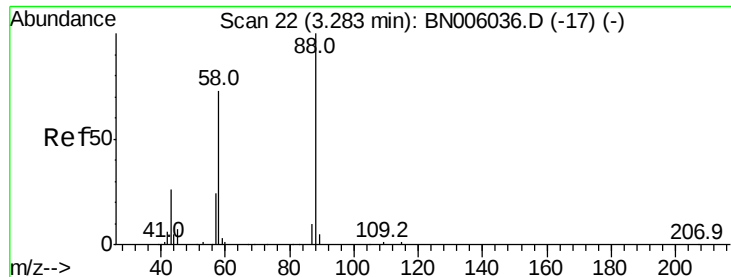
Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 04 01:27:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060319MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

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

53) Dibenzofuran	14.78	168	16136	0.208	ng/ul	96
54) 2,4-Dinitrotoluene	14.75	165	337634	18.218	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.01	232	934	0.061	ng/ul#	65
56) Diethylphthalate	15.21	149	3189	0.051	ng/ul#	93
58) Fluorene	15.43	166	87172	1.452	ng/ul	97
60) 4-Nitroaniline	15.43	138	991	0.063	ng/ul#	17
63) 4,6-Dinitro-2-methylphenol	15.44	198	515	0.064	ng/ul#	1
64) N-Nitrosodiphenylamine	15.64	169	2835	0.062	ng/ul#	1
68) Pentachlorophenol	16.79	266	153990	16.241	ng/ul	96
69) Phenanthrene	17.18	178	1427690	18.228	ng/ul	99
71) Anthracene	17.26	178	142146	1.787	ng/ul	98
74) Carbazole	17.54	167	41910	0.613	ng/ul	95
75) Di-n-butylphthalate	18.11	149	17896	0.204	ng/ul#	95
76) Fluoranthene	19.20	202	1449049	19.011	ng/ul	99
79) Pyrene	19.57	202	3175254	37.045	ng/ul	98
80) Butylbenzylphthalate	20.48	149	3535	0.091	ng/ul#	69
81) 3,3'-Dichlorobenzidine	21.27	252	814	0.036	ng/ul#	60
82) Benzo(a)anthracene	21.33	228	509613	6.935	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.26	149	166058	3.115	ng/ul	98
84) Chrysene	21.38	228	667950	9.607	ng/ul	99
86) Di-n-octyl phthalate	22.15	149	2780	0.030	ng/ul	100
87) Benzo(b)fluoranthene	22.94	252	686847	9.067	ng/ul#	91
88) Benzo(k)fluoranthene	22.94	252	686847	9.357	ng/ul#	91
90) Benzo(a)pyrene	23.52	252	473636	6.576	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.92	276	335973	4.052	ng/ul	96
92) Dibenzo(a,h)anthracene	25.92	278	84575	1.210	ng/ul#	85
93) Benzo(g,h,i)perylene	26.62	276	316634	4.639	ng/ul	99

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



#2

1,4-Dioxane

Concen: 0.038 ng/uL

RT: 3.29 min Scan# 24

Delta R.T. 0.01 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

Instrument :

BNA_N

ClientSampleId :

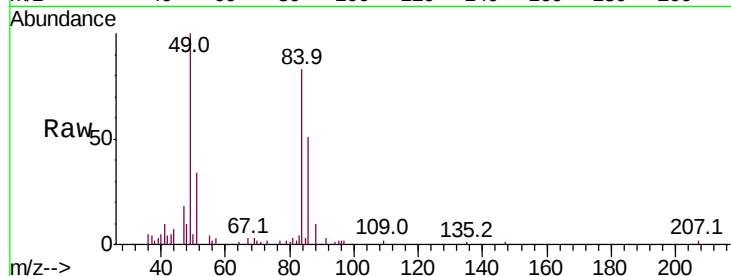
Tot Ion: 88 Resp: 348

Ion Ratio Lower Upper

88 100

43 45.0 23.3 34.9#

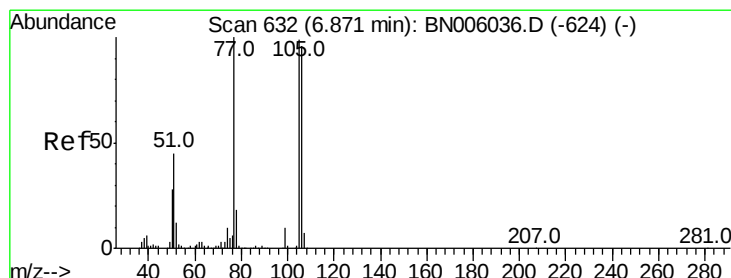
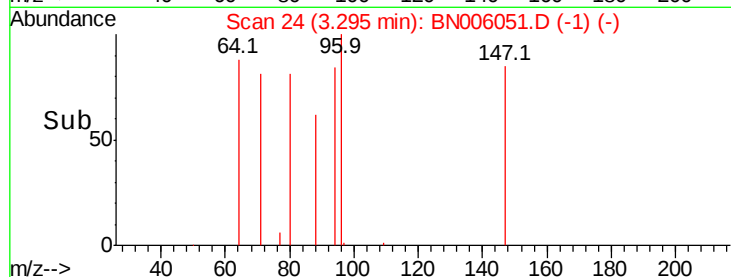
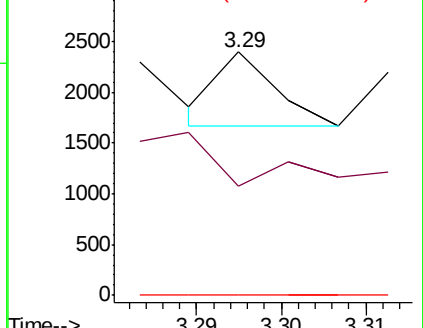
58 0.0 59.0 88.4#



Abundance Ion 88.00 (87.70 to 88.70): BN006036.D (-17) (-)

Ion 43.00 (42.70 to 43.70): BN006036.D (-17) (-)

Ion 58.00 (57.70 to 58.70): BN006036.D (-17) (-)



#4

Benzaldehyde

Concen: 0.530 ng/uL

RT: 6.87 min Scan# 632

Delta R.T. -0.00 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

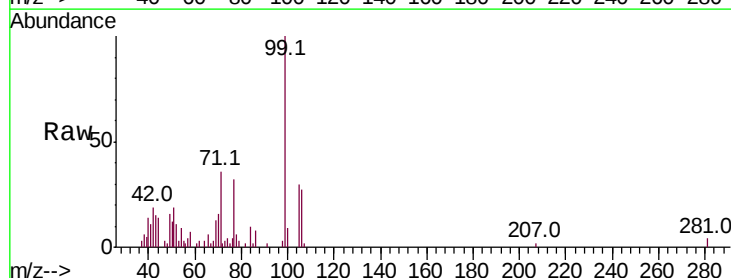
Tgt Ion: 77 Resp: 12122

Ion Ratio Lower Upper

77 100

105 94.8 79.4 119.2

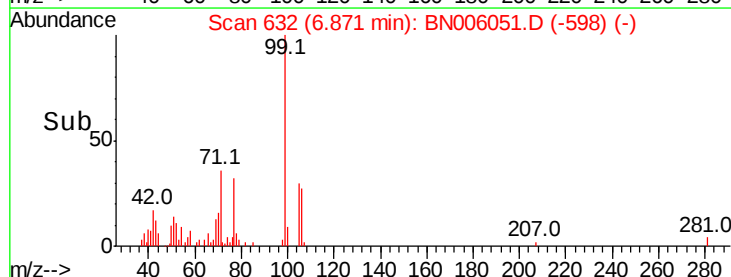
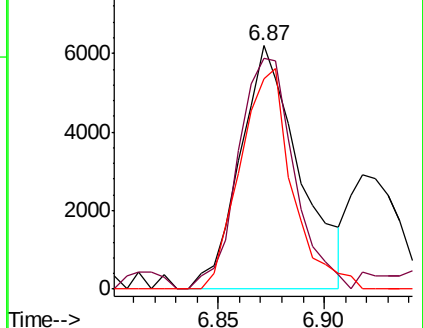
106 86.5 76.7 115.1

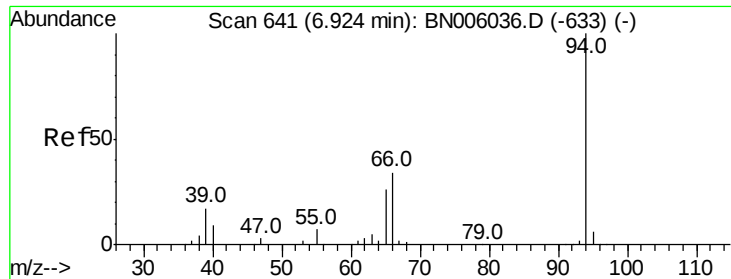


Abundance Ion 77.00 (76.70 to 77.70): BN006036.D (-624) (-)

Ion 105.00 (104.70 to 105.70): BN006036.D (-624) (-)

Ion 106.00 (105.70 to 106.70): BN006036.D (-624) (-)





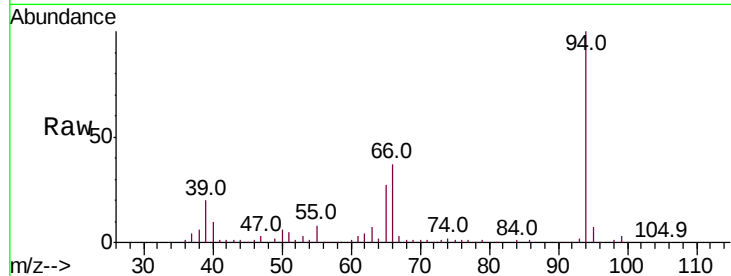
#6

Phenol

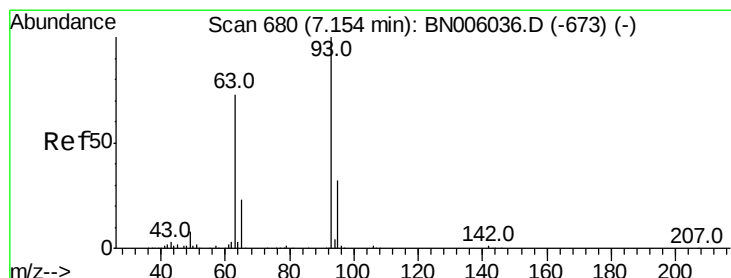
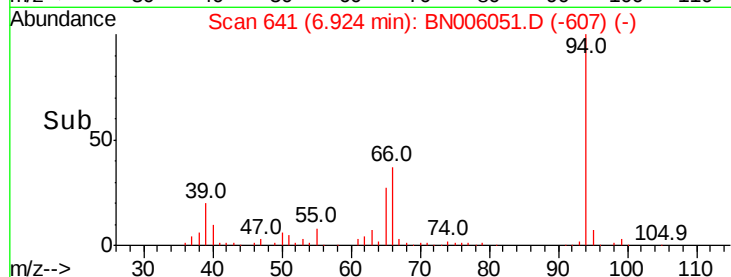
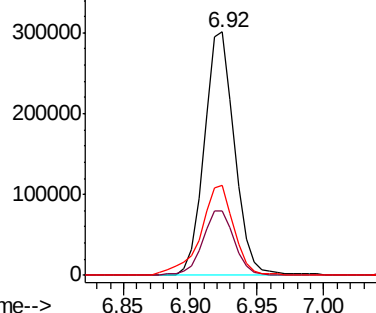
Concen: 13.790 ng/ul
RT: 6.92 min Scan# 641
Delta R.T. -0.00 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 94 Resp: 473516
Ion Ratio Lower Upper
94 100
65 26.7 21.1 31.7
66 36.8 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

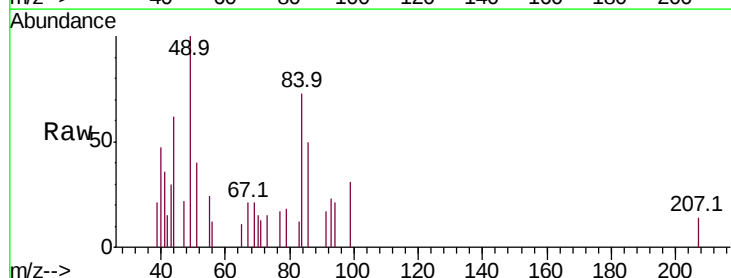


#8

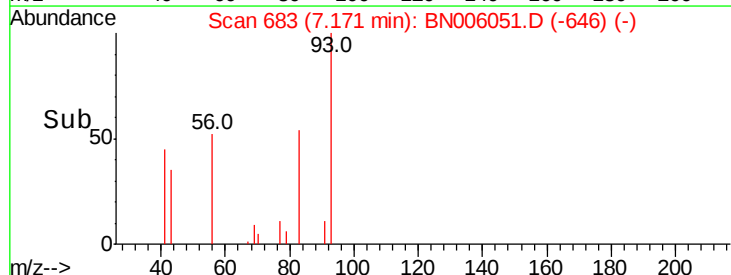
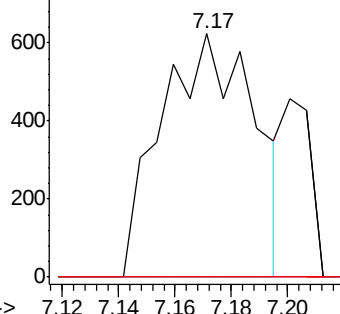
Bis(2-Chloroethyl)ether

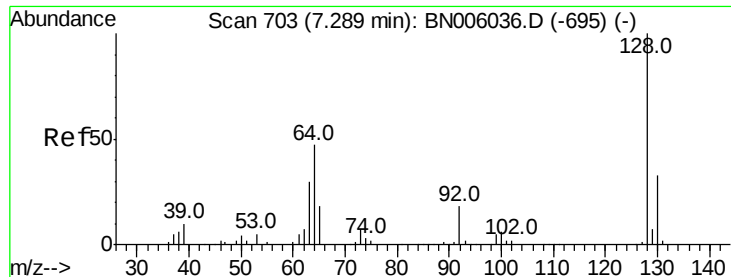
Concen: 0.054 ng/ul
RT: 7.17 min Scan# 683
Delta R.T. 0.02 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Tgt Ion: 93 Resp: 1425
Ion Ratio Lower Upper
93 100
63 0.0 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

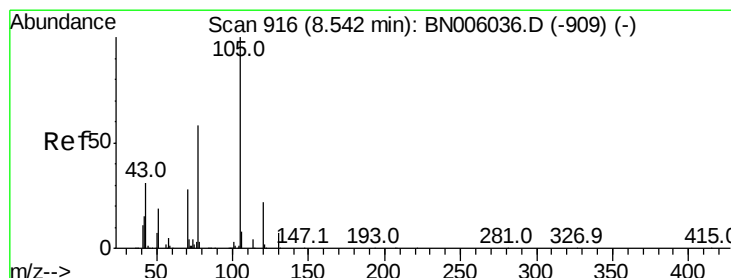
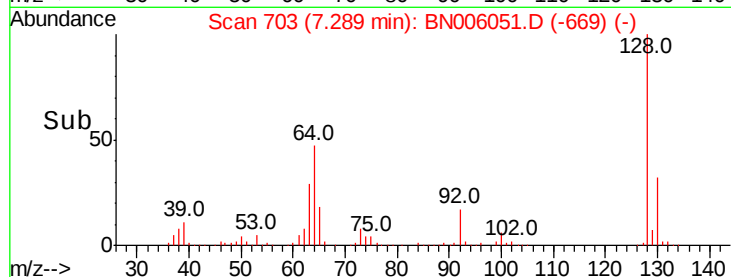
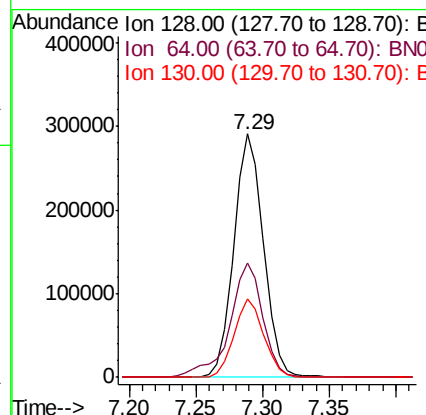
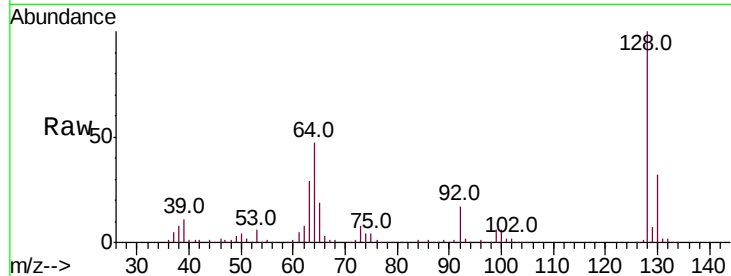




#10
2-Chlorophenol
Concen: 16.746 ng/ul
RT: 7.29 min Scan# 703
Delta R.T. -0.00 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

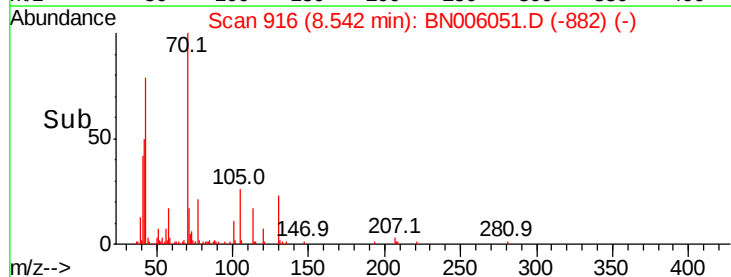
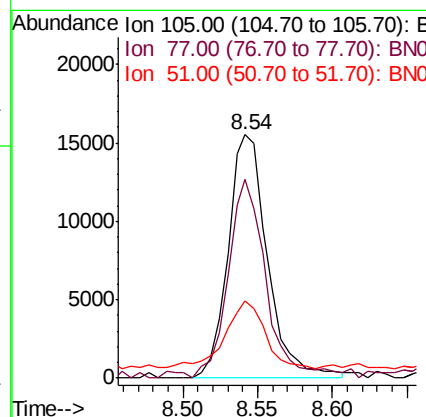
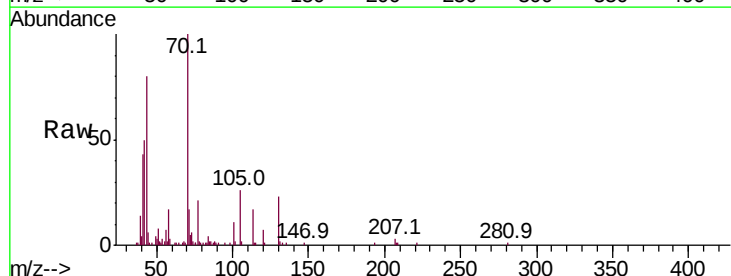
Instrument :
BNA_N
ClientSampled :

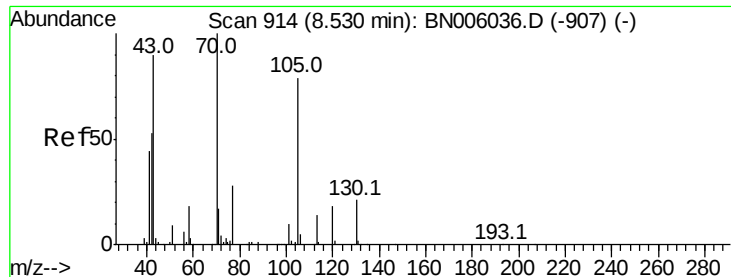
Tot Ion:128 Resp: 451500
Ion Ratio Lower Upper
128 100
64 46.7 38.7 58.1
130 32.3 26.0 39.0



#14
Acetophenone
Concen: 0.719 ng/ul
RT: 8.54 min Scan# 916
Delta R.T. -0.00 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Tgt Ion:105 Resp: 28625
Ion Ratio Lower Upper
105 100
77 81.8 62.6 93.8
51 31.9 21.2 31.8#





#15

N-Nitroso-di-n-propylamine

Concen: 19.996 ng/ul

RT: 8.52 min Scan# 913

Delta R.T. -0.01 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 412441

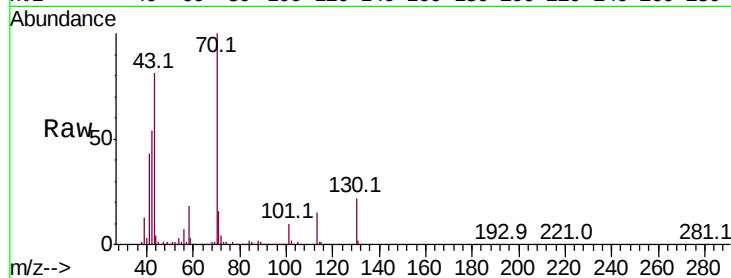
Ion Ratio Lower Upper

70 100

42 53.5 43.3 64.9

101 10.1 7.8 11.8

130 21.6 16.9 25.3

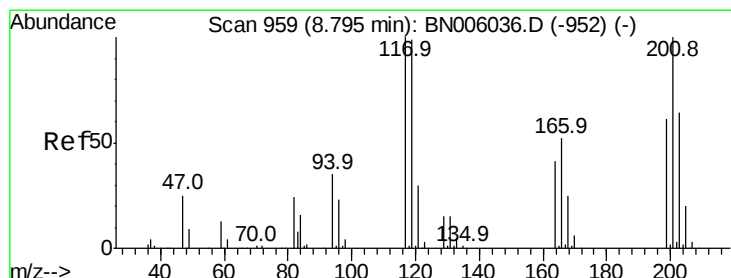
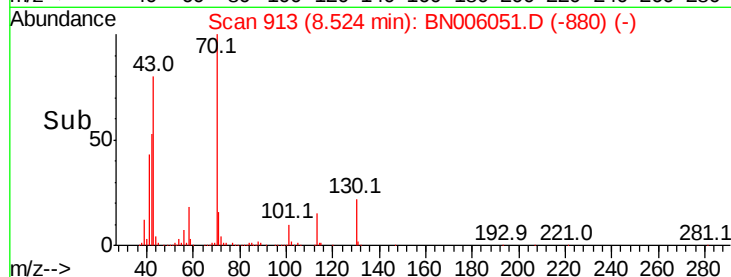
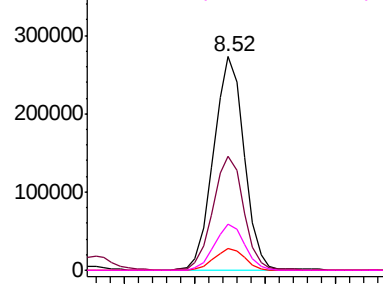


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#17

Hexachloroethane

Concen: 0.083 ng/ul

RT: 8.91 min Scan# 978

Delta R.T. 0.11 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

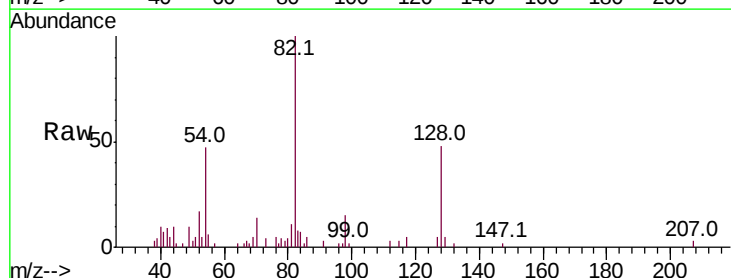
Tgt Ion: 117 Resp: 827

Ion Ratio Lower Upper

117 100

201 0.0 80.0 120.0#

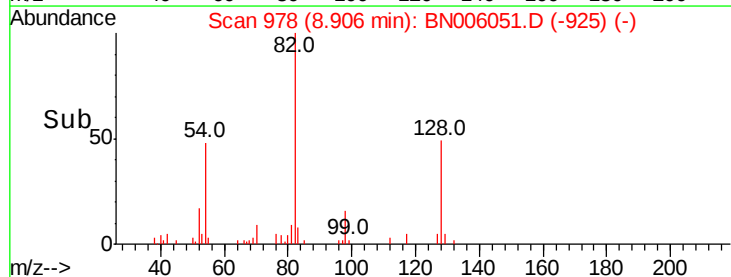
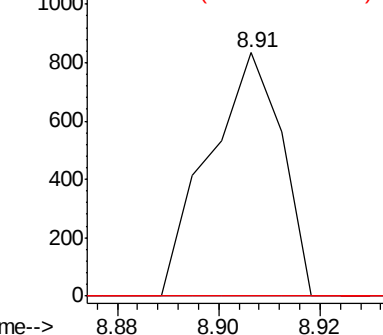
199 0.0 48.7 73.1#

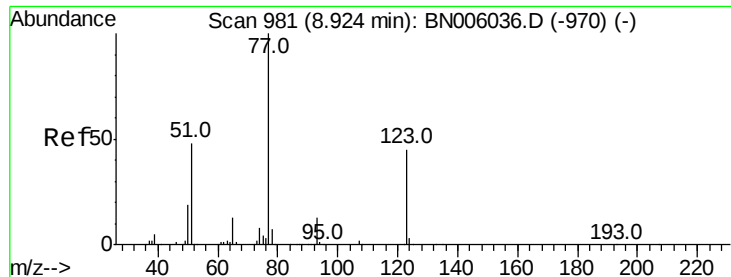


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

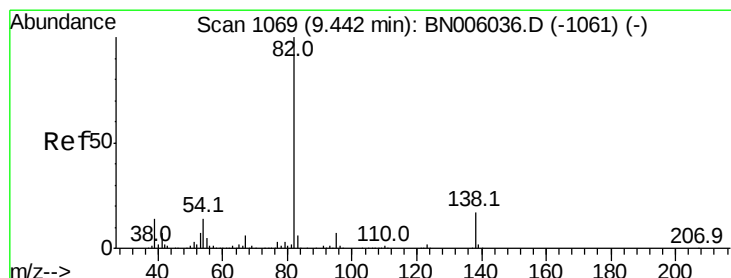
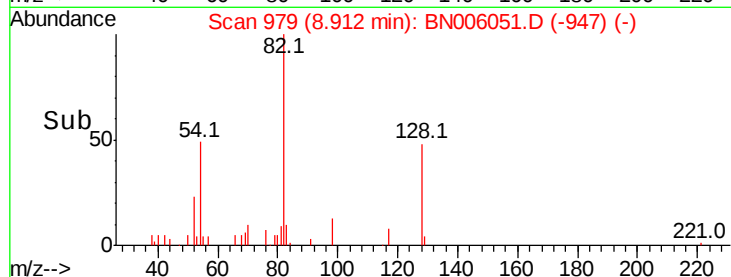
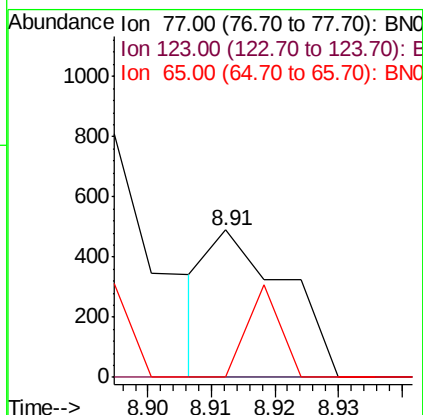
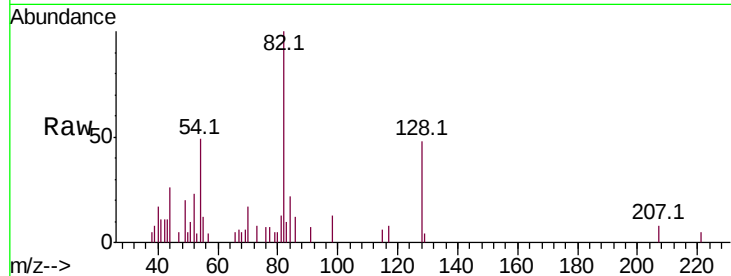




#20
Nitrobenzene
Concen: 0.014 ng/ul
RT: 8.91 min Scan# 979
Delta R.T. -0.01 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

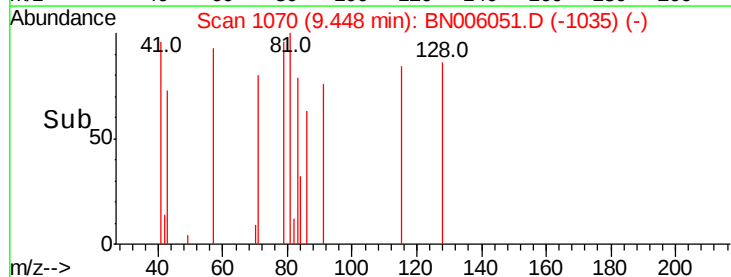
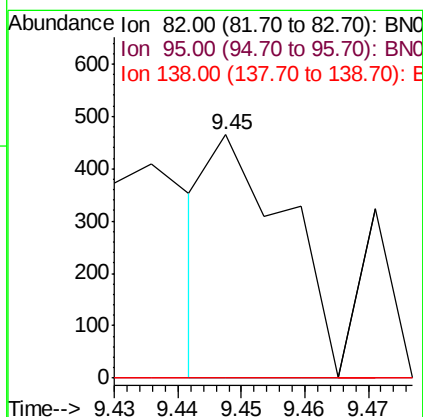
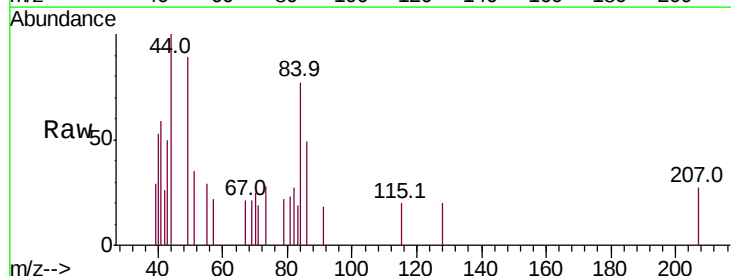
Instrument :
BNA_N
ClientSampleId :

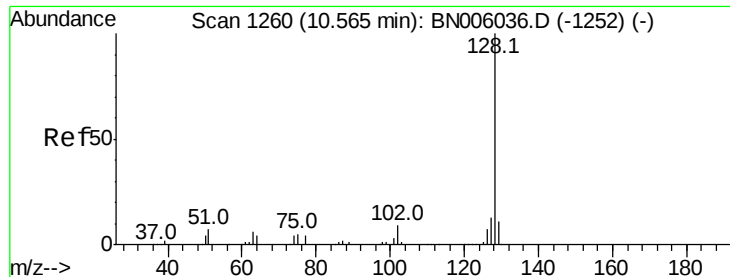
Tot Ion: 77 Resp: 403
Ion Ratio Lower Upper
77 100
123 0.0 35.8 53.8#
65 0.0 10.7 16.1#



#21
Isophorone
Concen: 0.007 ng/ul
RT: 9.45 min Scan# 1070
Delta R.T. 0.01 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Tgt Ion: 82 Resp: 389
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.8 20.6#





#28

Naphthalene

Concen: 0.078 ng/ul

RT: 10.56 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

Instrument :

BNA_N

ClientSampleId :

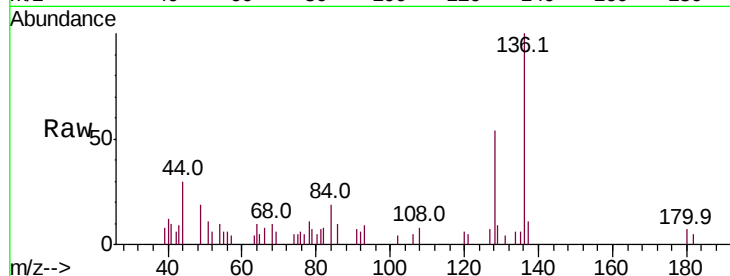
Tot Ion:128 Resp: 6289

Ion Ratio Lower Upper

128 100

129 17.1 8.8 13.2#

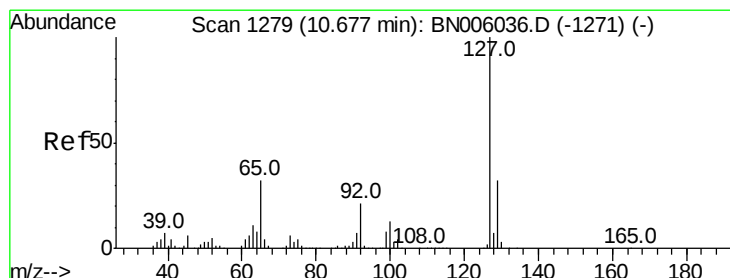
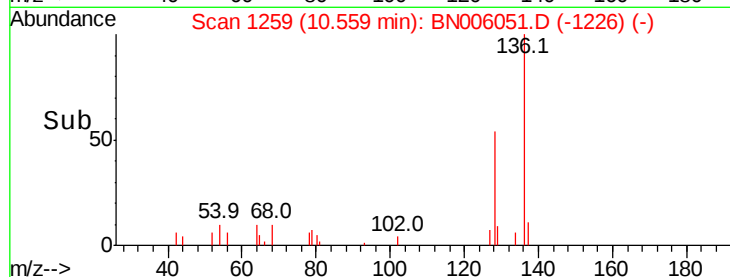
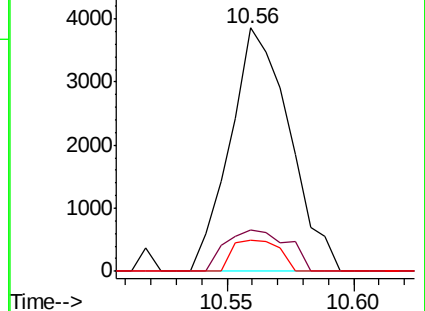
127 13.0 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#30

4-Chloroaniline

Concen: 0.021 ng/ul

RT: 10.56 min Scan# 1259

Delta R.T. -0.12 min

Lab File: BN006051.D

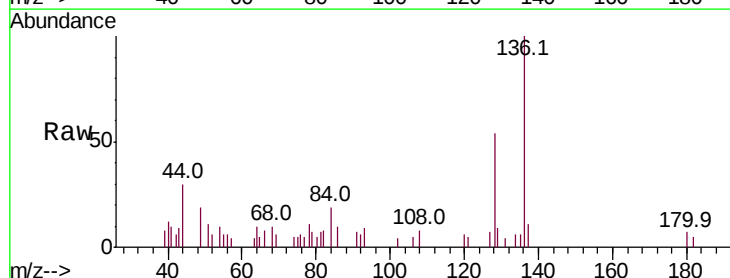
Acq: 03 Jun 2019 23:31

Tgt Ion:127 Resp: 642

Ion Ratio Lower Upper

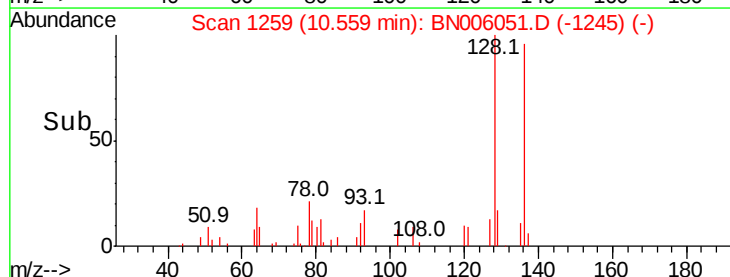
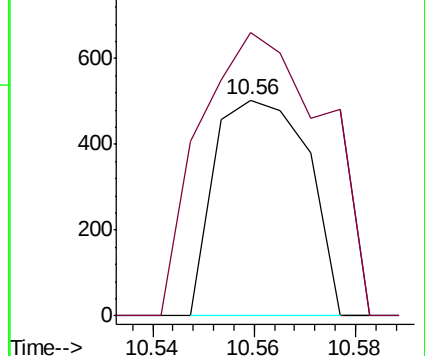
127 100

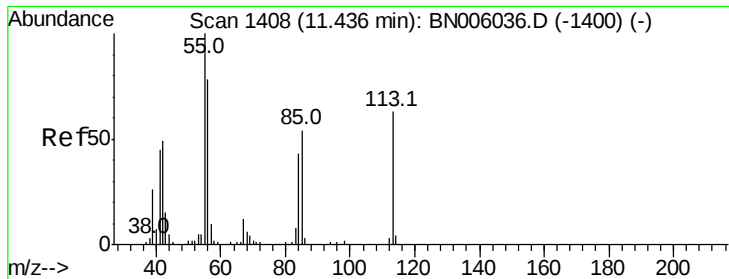
129 131.2 25.8 38.8#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#32

Caprolactam

Concen: 0.087 ng/ul

RT: 11.45 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

Instrument :

BNA_N

ClientSampled :

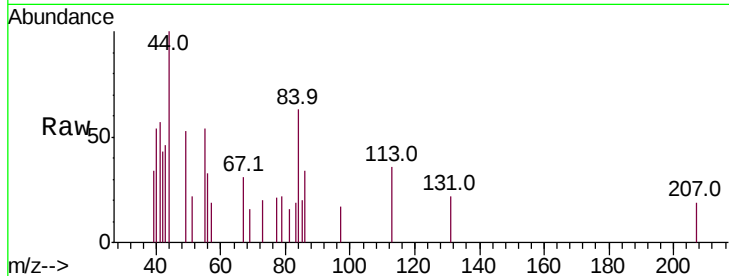
Tot Ion:113 Resp: 786

Ion Ratio Lower Upper

113 100

55 150.3 127.4 191.0

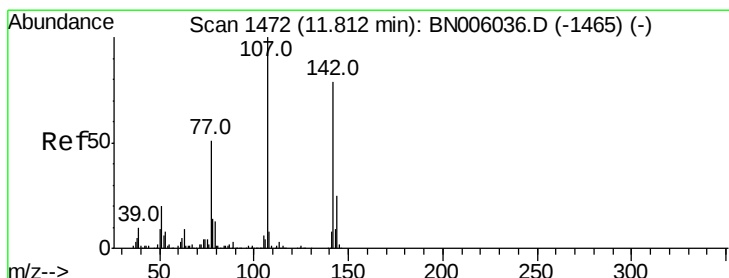
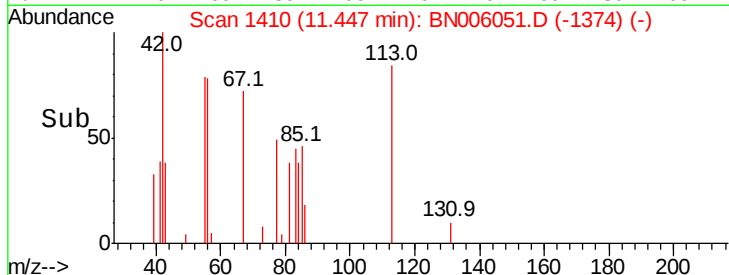
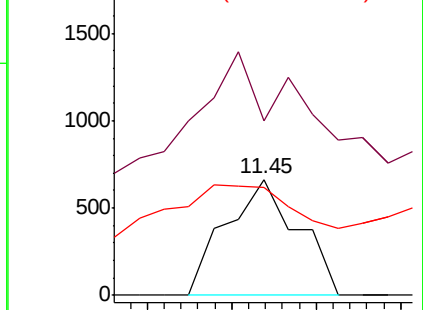
56 93.1 98.9 148.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BN0

Ion 56.00 (55.70 to 56.70): BN0



#33

4-Chloro-3-methylphenol

Concen: 13.978 ng/ul

RT: 11.81 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

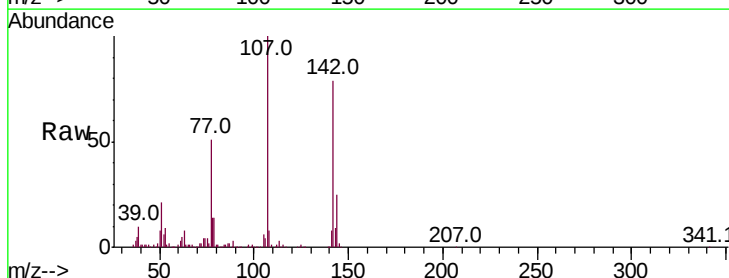
Tgt Ion:107 Resp: 386123

Ion Ratio Lower Upper

107 100

144 25.0 20.0 30.0

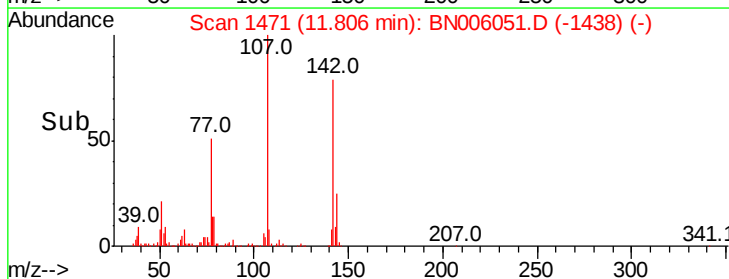
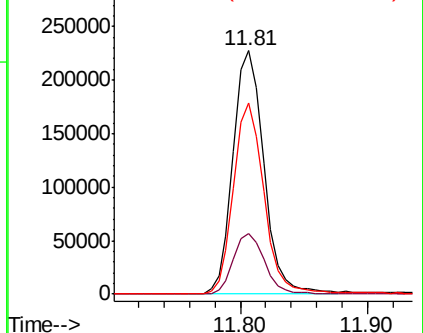
142 78.6 63.1 94.7

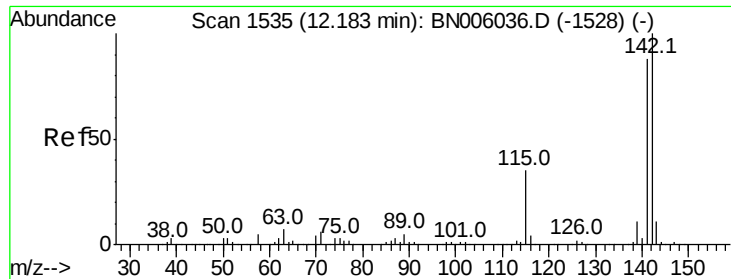


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

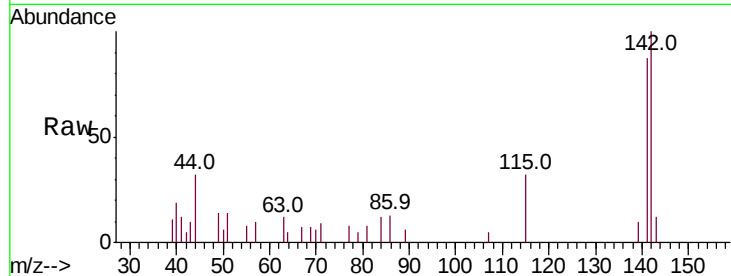




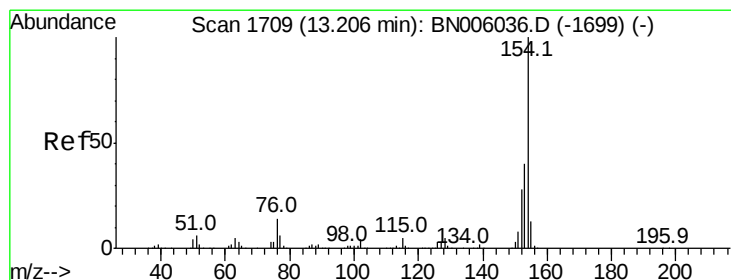
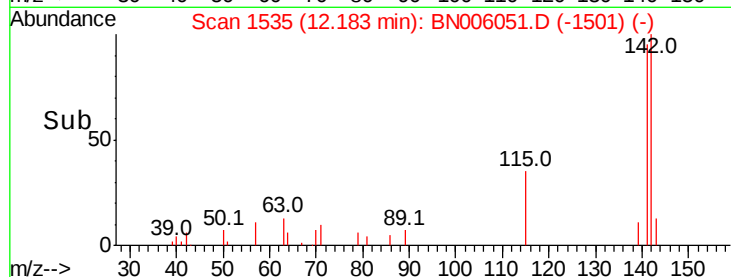
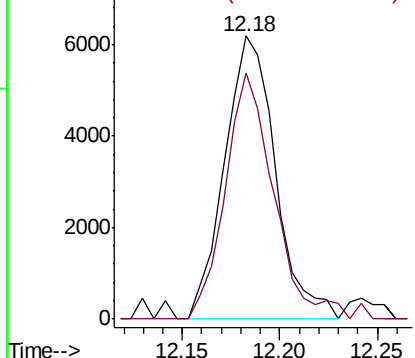
#34
 2-Methylnaphthalene
 Concen: 0.194 ng/ul
 RT: 12.18 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: BN006051.D
 Acq: 03 Jun 2019 23:31

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:142 Resp: 11180
 Ion Ratio Lower Upper
 142 100
 141 87.1 70.4 105.6

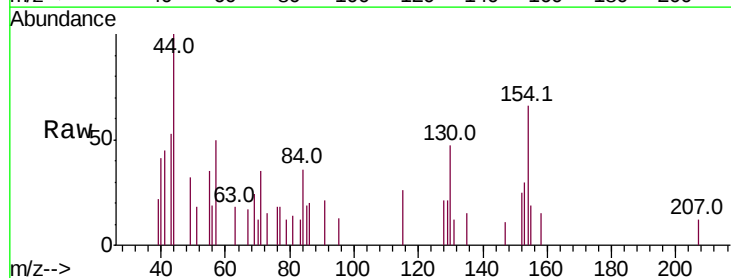


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

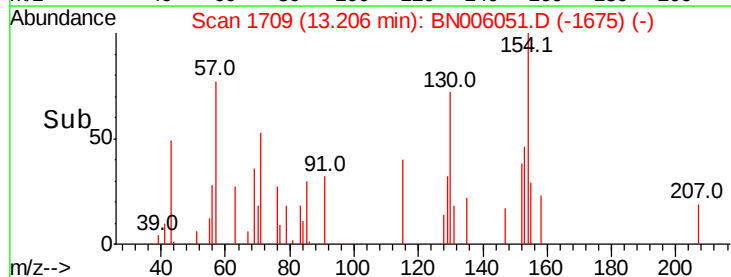
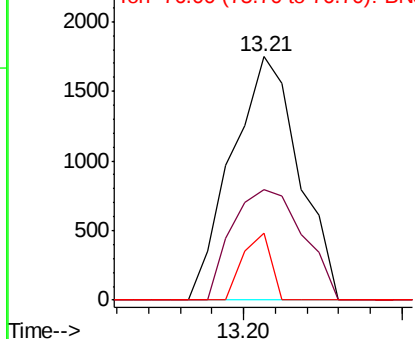


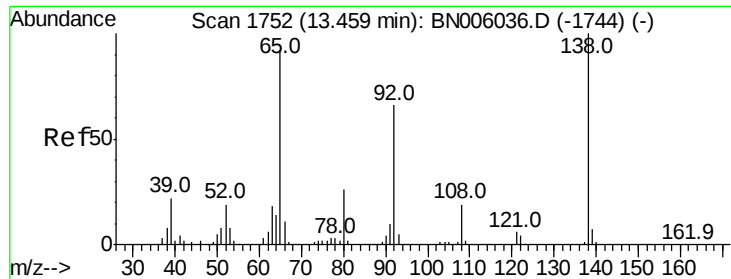
#40
 1,1'-Biphenyl
 Concen: 0.038 ng/ul
 RT: 13.21 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BN006051.D
 Acq: 03 Jun 2019 23:31

Tgt Ion:154 Resp: 2573
 Ion Ratio Lower Upper
 154 100
 153 45.6 32.3 48.5
 76 27.4 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





#42

2-Nitroaniline

Concen: 0.007 ng/ul

RT: 13.50 min Scan# 1759

Delta R.T. 0.04 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

Instrument :

BNA_N

ClientSampleId :

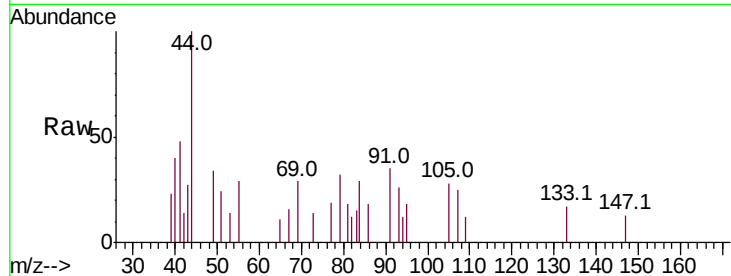
Tot Ion: 65 Resp: 107

Ion Ratio Lower Upper

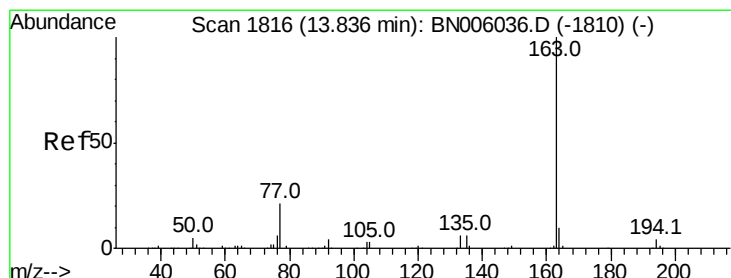
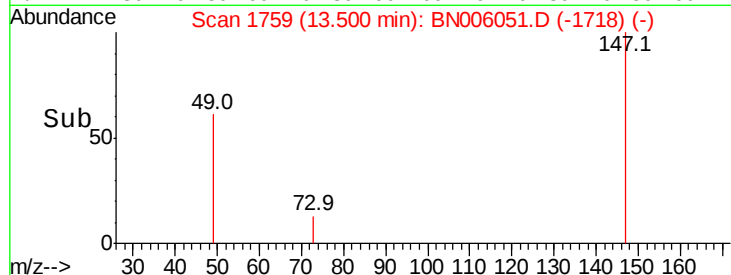
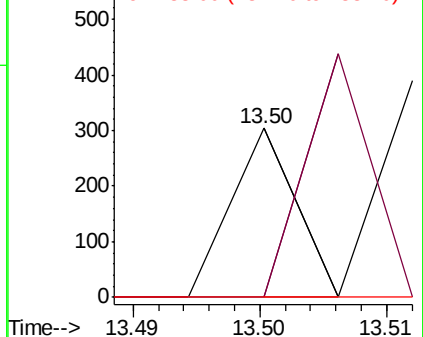
65 100

92 0.0 57.5 86.3#

138 0.0 87.2 130.8#



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): BNC



#44

Dimethylphthalate

Concen: 4.721 ng/ul

RT: 13.84 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

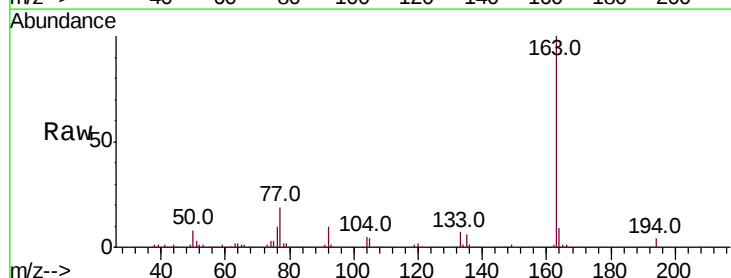
Tgt Ion:163 Resp: 300233

Ion Ratio Lower Upper

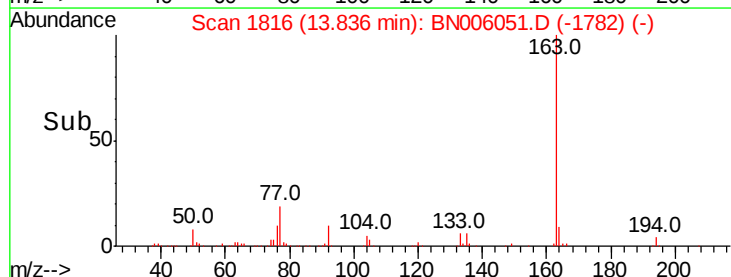
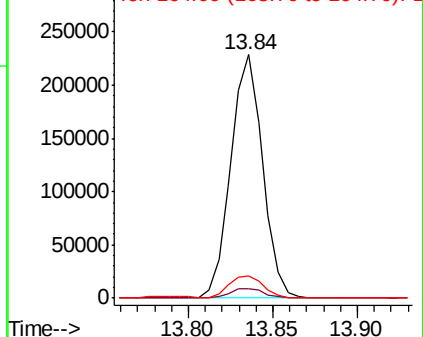
163 100

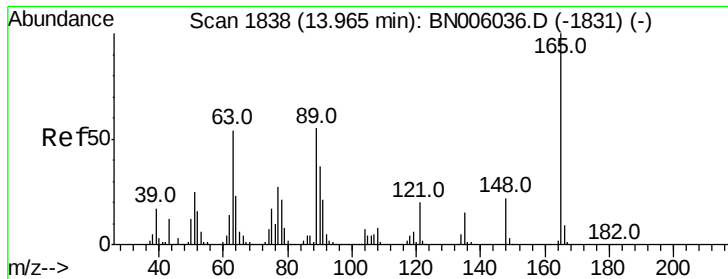
194 4.1 3.4 5.2

164 9.3 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

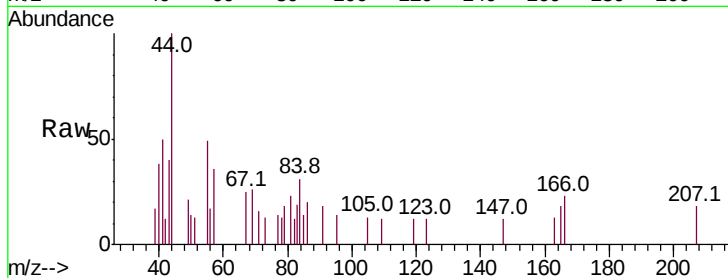




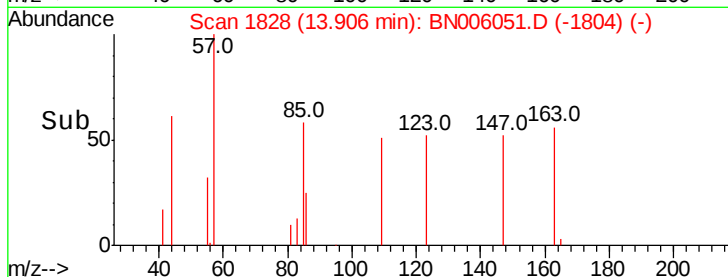
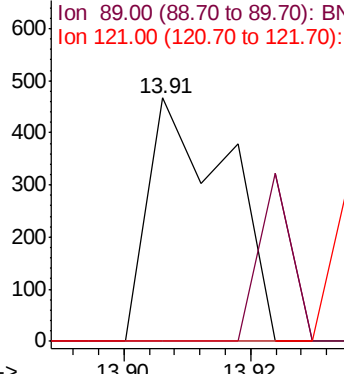
#45
2,6-Dinitrotoluene
Concen: 0.030 ng/ul
RT: 13.91 min Scan# 1828
Delta R.T. -0.06 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Instrument :
BNA_N
ClientSampled :

Tot Ion:165 Resp: 406
Ion Ratio Lower Upper
165 100
89 0.0 44.2 66.2#
121 0.0 15.6 23.4#

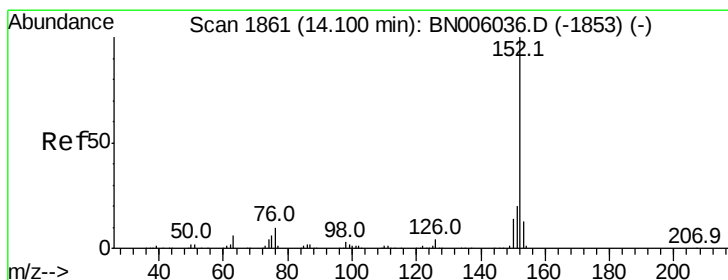


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BNO
Ion 121.00 (120.70 to 121.70): E

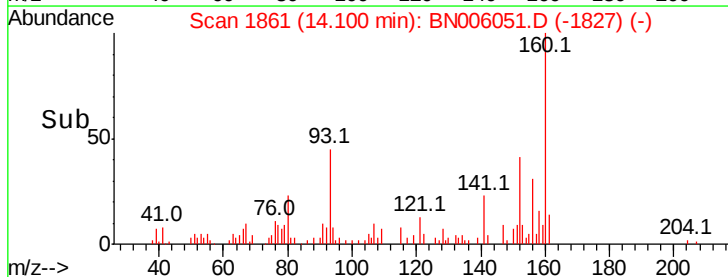
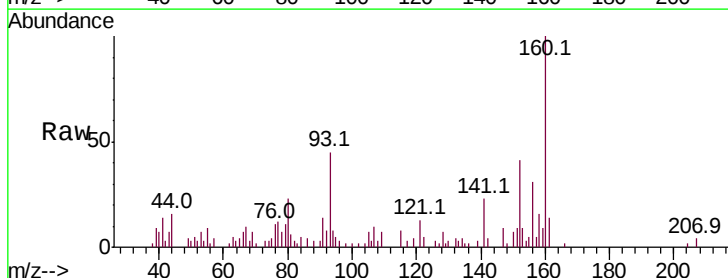
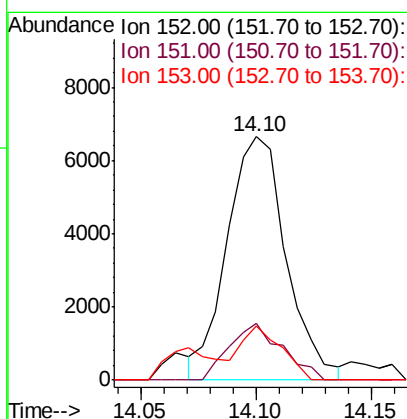


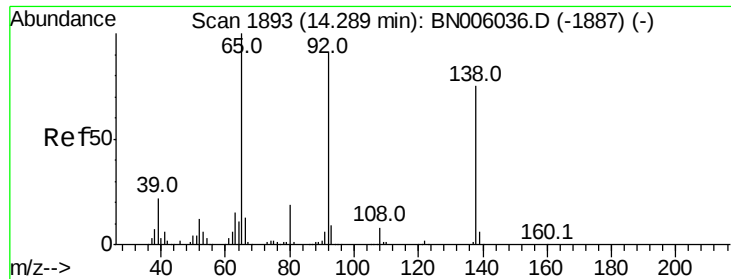
#47
Acenaphthylene
Concen: 0.146 ng/ul
RT: 14.10 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Tgt Ion:152 Resp: 11865
Ion Ratio Lower Upper
152 100
151 23.3 16.2 24.2
153 22.5 10.5 15.7#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

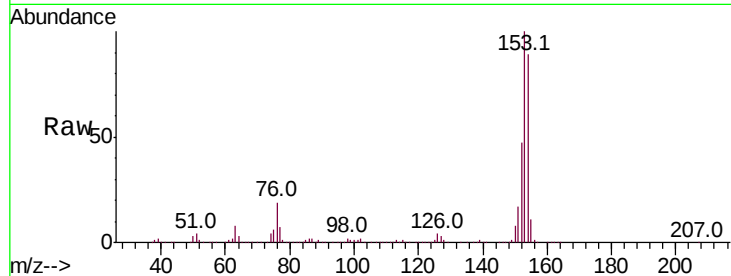




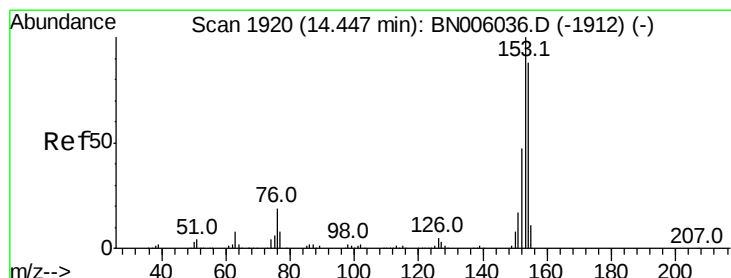
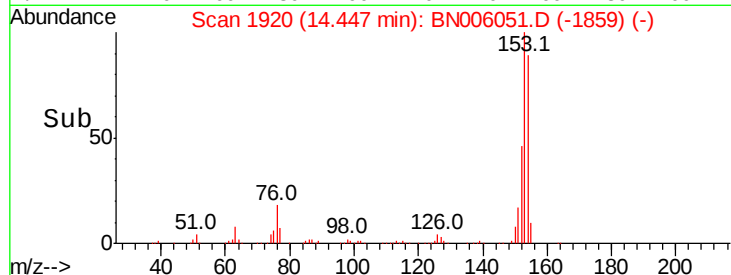
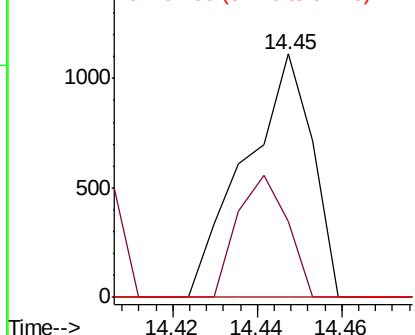
#48
3-Nitroaniline
Concen: 0.089 ng/ul
RT: 14.45 min Scan# 1920
Delta R.T. 0.16 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Instrument :
BNA_N
ClientSampled :

Tot Ion:138 Resp: 1226
Ion Ratio Lower Upper
138 100
108 31.0 9.0 13.6#
92 0.0 97.2 145.8#

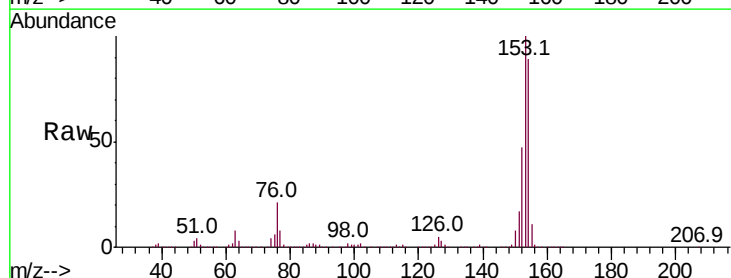


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BNC

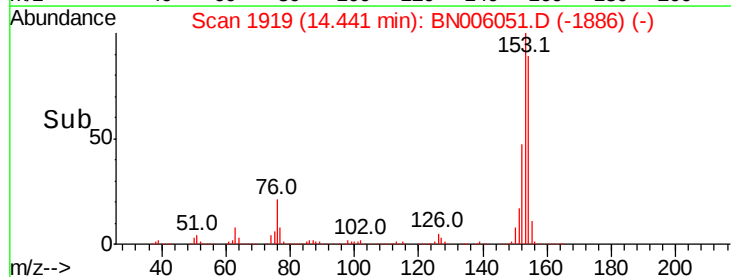
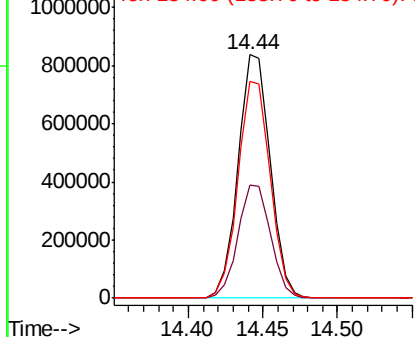


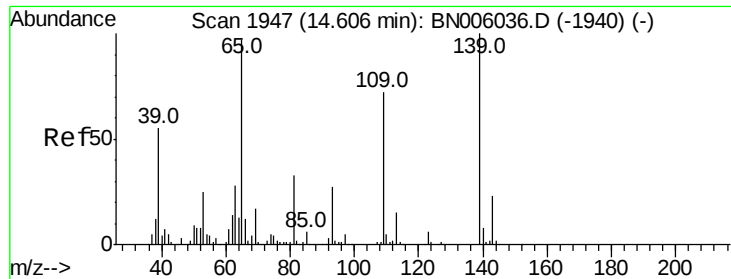
#49
Acenaphthene
Concen: 22.898 ng/ul
RT: 14.44 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Tgt Ion:153 Resp: 1253061
Ion Ratio Lower Upper
153 100
152 46.5 37.4 56.2
154 89.2 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

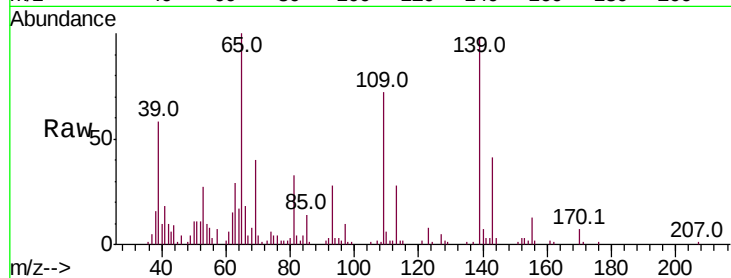




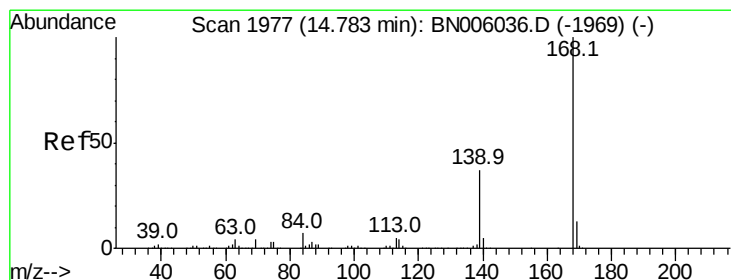
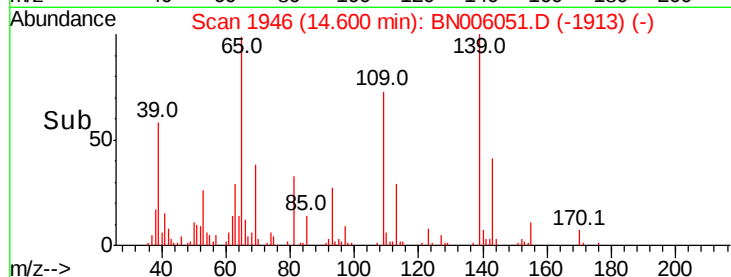
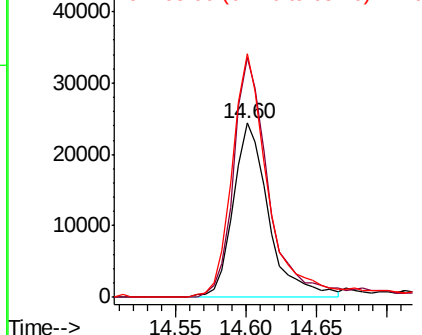
#52
4-Nitrophenol
Concen: 4.798 ng/ul
RT: 14.60 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Instrument :
BNA_N
ClientSampled :

Tot Ion:109 Resp: 43047
Ion Ratio Lower Upper
109 100
139 137.5 111.8 167.6
65 139.6 108.5 162.7

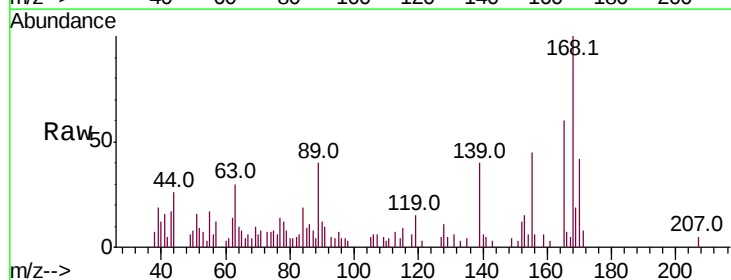


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNO

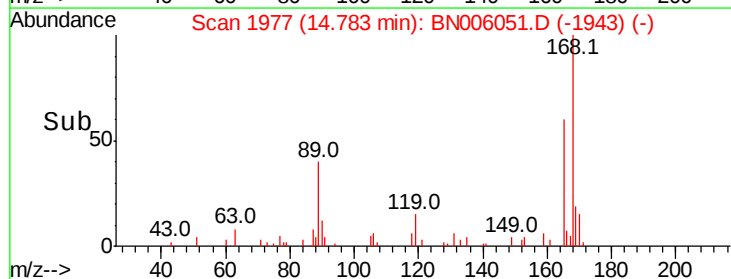
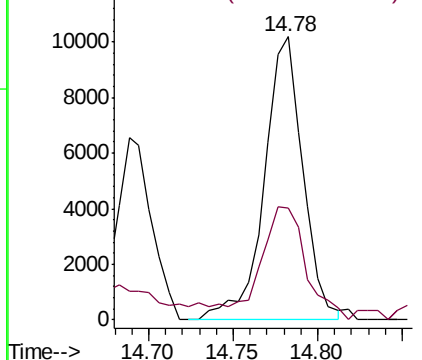


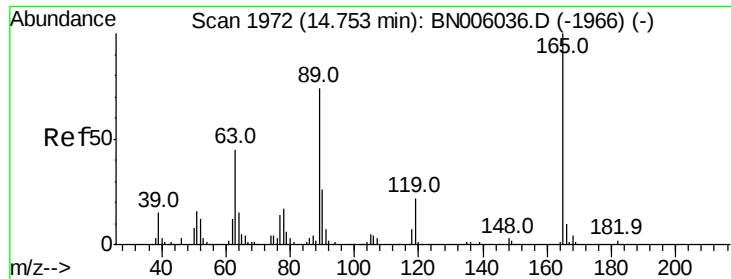
#53
Dibenzofuran
Concen: 0.208 ng/ul
RT: 14.78 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Tgt Ion:168 Resp: 16136
Ion Ratio Lower Upper
168 100
139 39.5 29.8 44.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E

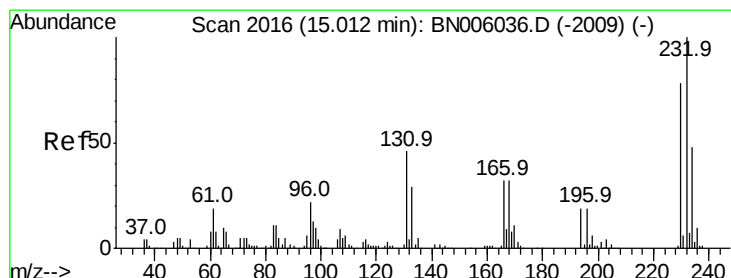
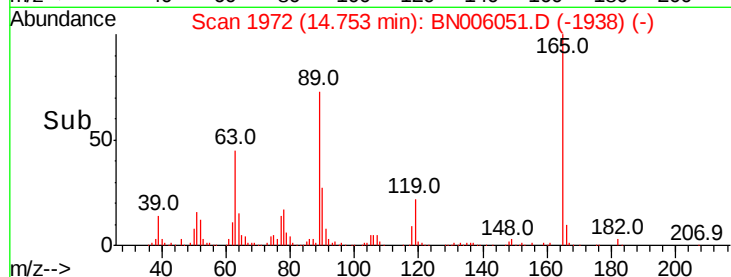
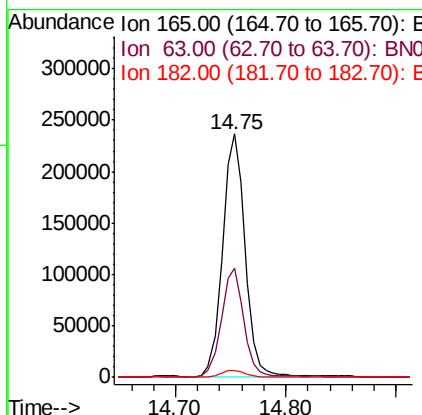
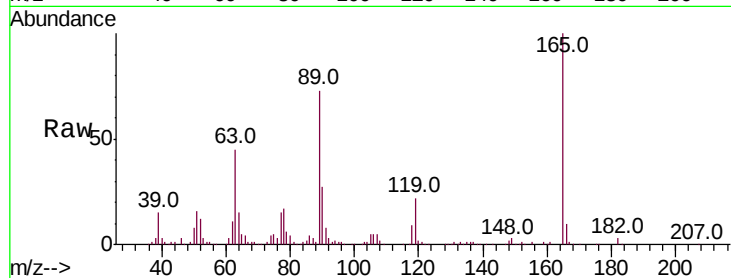




#54
 2,4-Dinitrotoluene
 Concen: 18.218 ng/ul
 RT: 14.75 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BN006051.D
 Acq: 03 Jun 2019 23:31

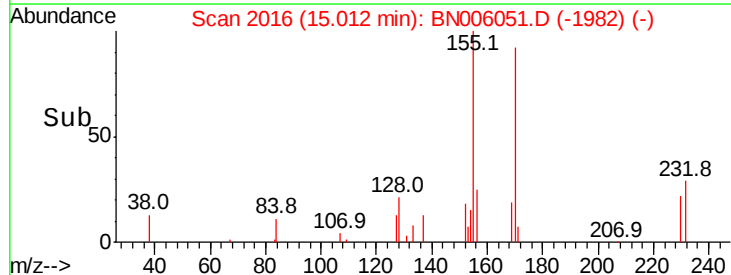
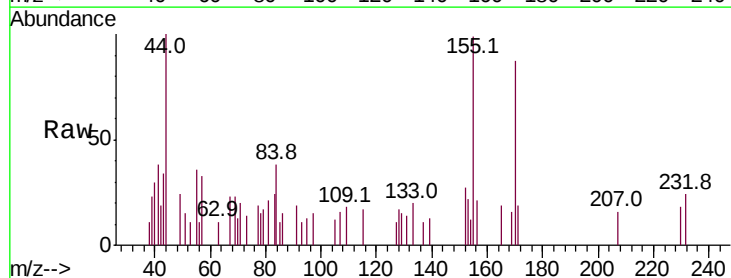
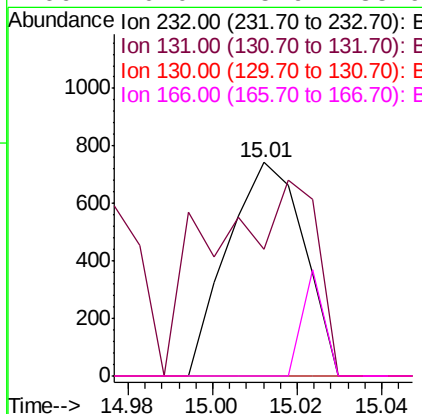
Instrument :
 BNA_N
 ClientSampleId :

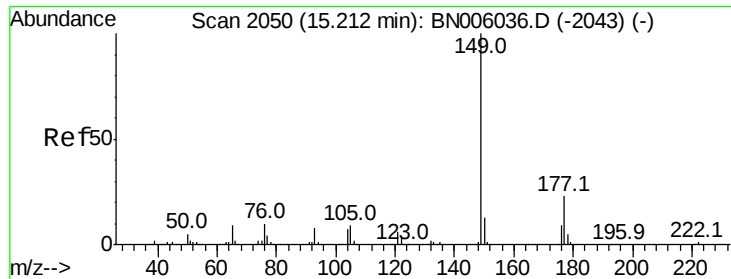
Tot Ion	Ratio	Lower	Upper
165	100		
63	45.0	36.0	54.0
182	3.0	2.4	3.6



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 0.061 ng/ul
 RT: 15.01 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BN006051.D
 Acq: 03 Jun 2019 23:31

Tgt Ion	Ratio	Lower	Upper
232	100		
131	59.1	36.9	55.3#
130	0.0	1.8	2.8#
166	0.0	25.9	38.9#





#56

Diethylphthalate

Concen: 0.051 ng/ul

RT: 15.21 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

Instrument :

BNA_N

ClientSampleId :

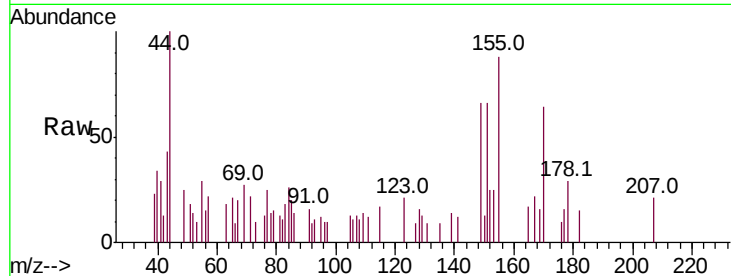
Tot Ion:149 Resp: 3189

Ion Ratio Lower Upper

149 100

177 23.6 18.4 27.6

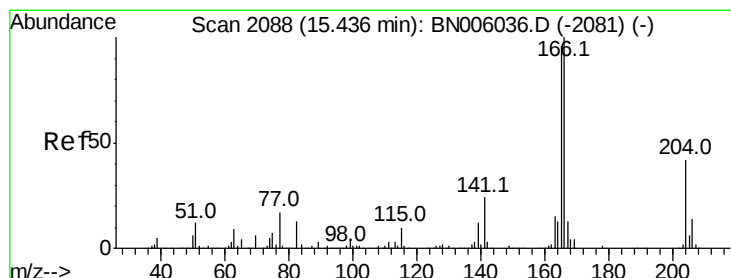
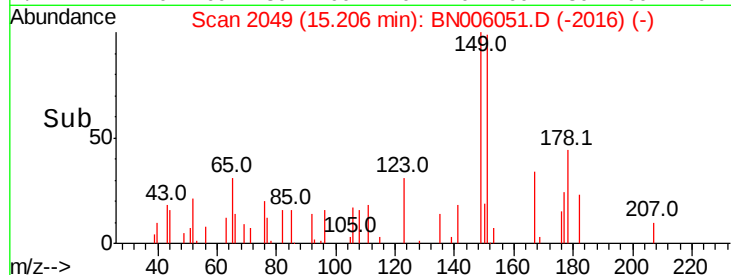
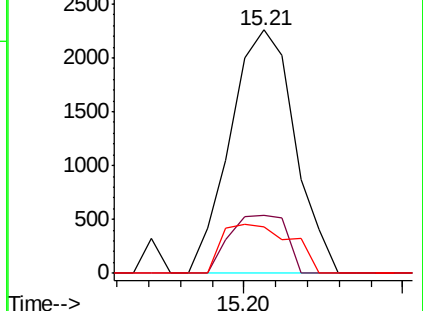
150 19.0 10.1 15.1#



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: 1.452 ng/ul

RT: 15.43 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

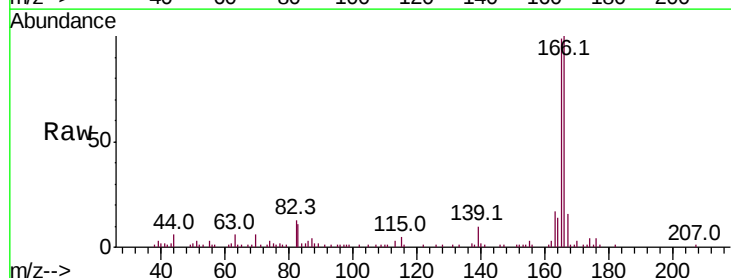
Tgt Ion:166 Resp: 87172

Ion Ratio Lower Upper

166 100

165 98.9 76.6 115.0

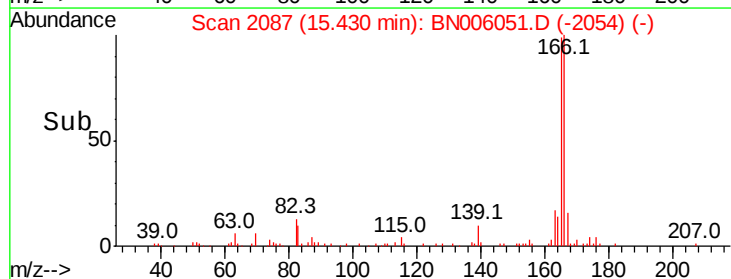
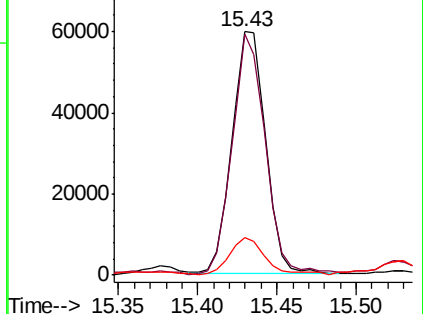
167 15.5 10.8 16.2

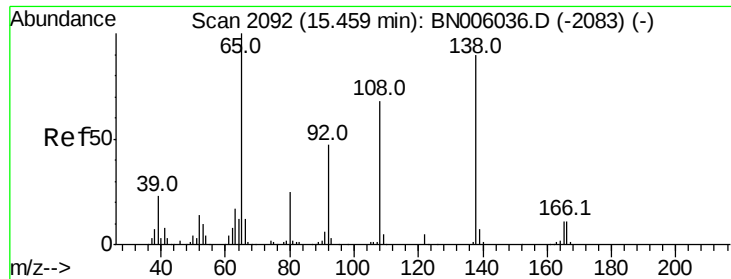


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

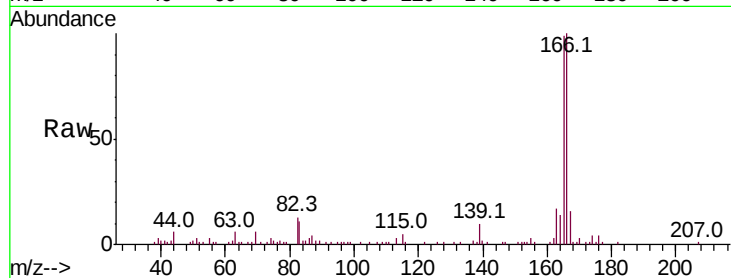




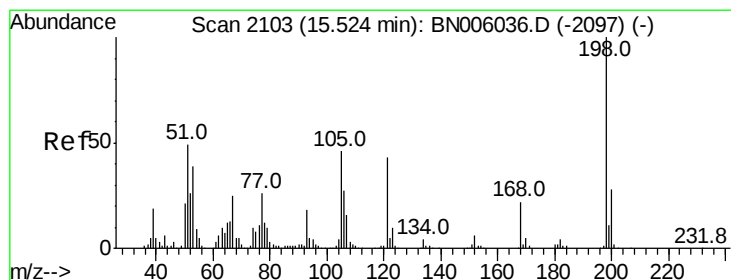
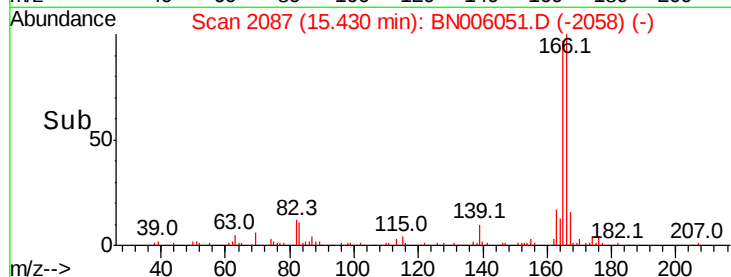
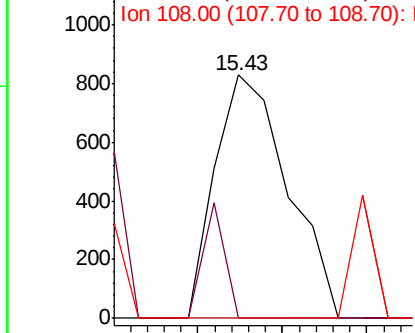
#60
4-Nitroaniline
Concen: 0.063 ng/ul
RT: 15.43 min Scan# 2087
Delta R.T. -0.03 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Instrument :
BNA_N
ClientSampleId :

Tot Ion:138 Resp: 991
Ion Ratio Lower Upper
138 100
92 0.0 41.7 62.5#
108 0.0 61.0 91.6#

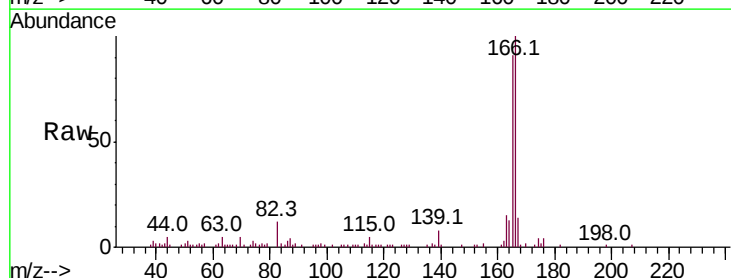


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BNA_N
Ion 108.00 (107.70 to 108.70): E

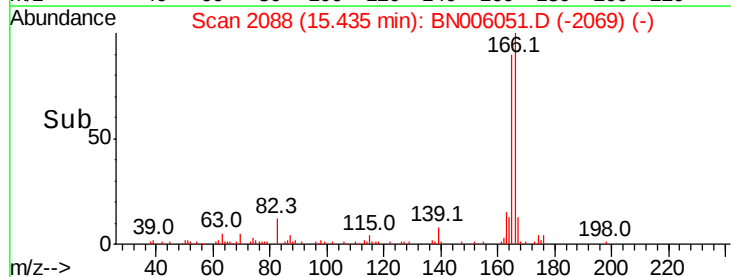
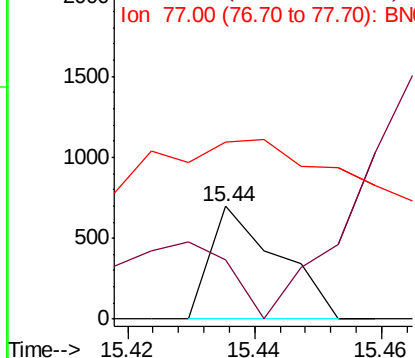


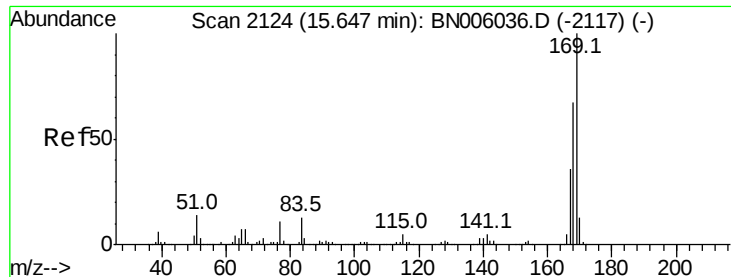
#63
4,6-Dinitro-2-methylphenol
Concen: 0.064 ng/ul
RT: 15.44 min Scan# 2088
Delta R.T. -0.09 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Tgt Ion:198 Resp: 515
Ion Ratio Lower Upper
198 100
182 52.6 3.1 4.7#
77 156.7 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): BNA_N

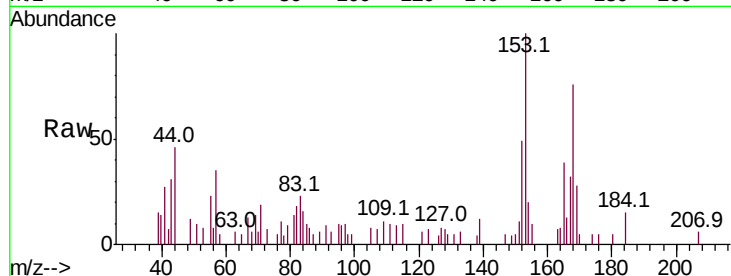




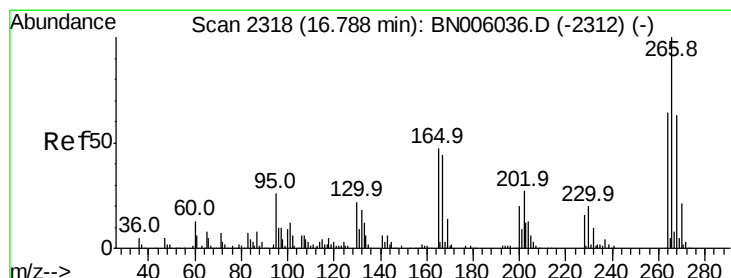
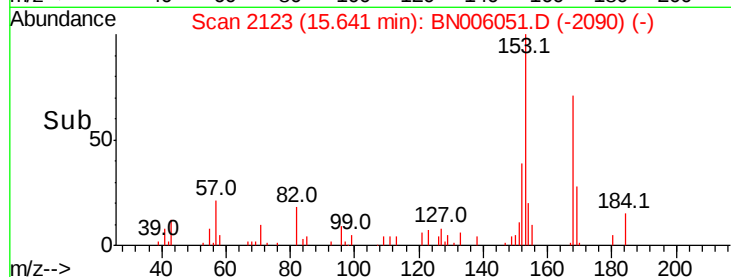
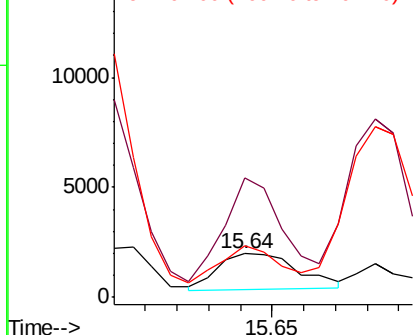
#64
N-Nitrosodiphenylamine
Concen: 0.062 ng/ul
RT: 15.64 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Instrument :
BNA_N
ClientSampled :

Tot Ion:169 Resp: 2835
Ion Ratio Lower Upper
169 100
168 275.4 53.4 80.2#
167 117.4 28.6 42.8#

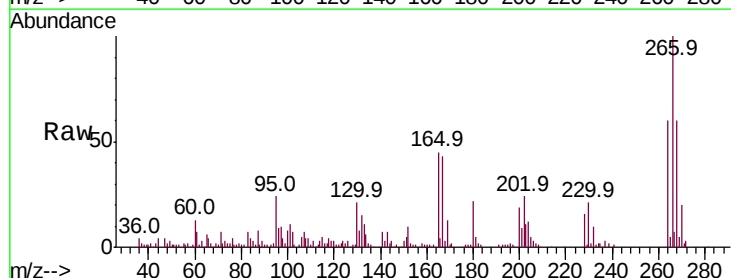


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

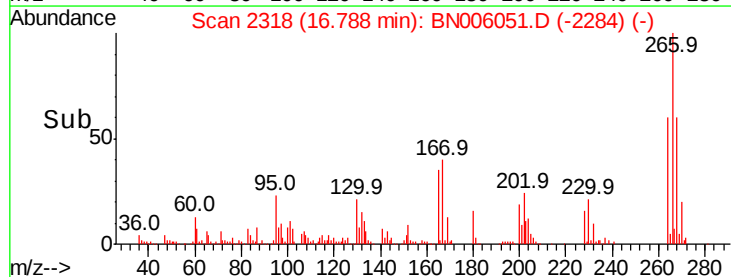
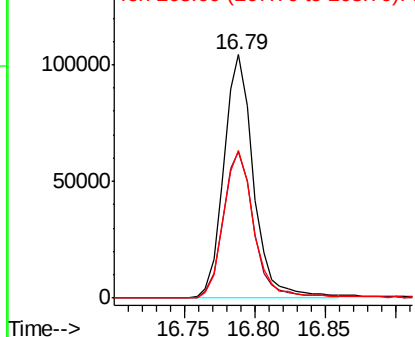


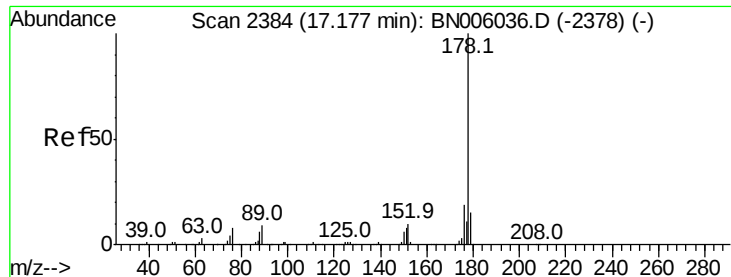
#68
Pentachlorophenol
Concen: 16.241 ng/ul
RT: 16.79 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Tgt Ion:266 Resp: 153990
Ion Ratio Lower Upper
266 100
264 60.1 50.8 76.2
268 60.5 50.7 76.1



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





#69

Phenanthrene

Concen: 18.228 ng/ul

RT: 17.18 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

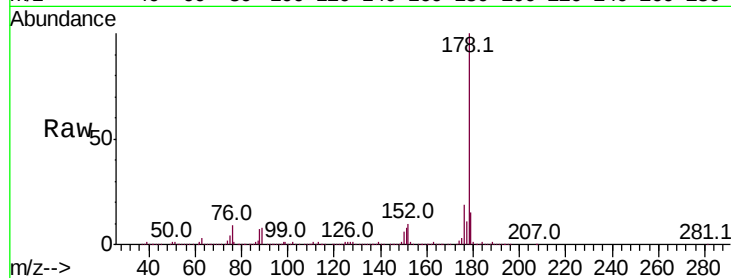
Instrument :

BNA_N

ClientSampled :

Tot Ion:178 Resp: 1427690

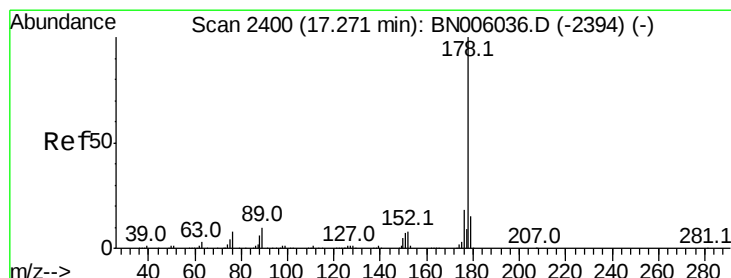
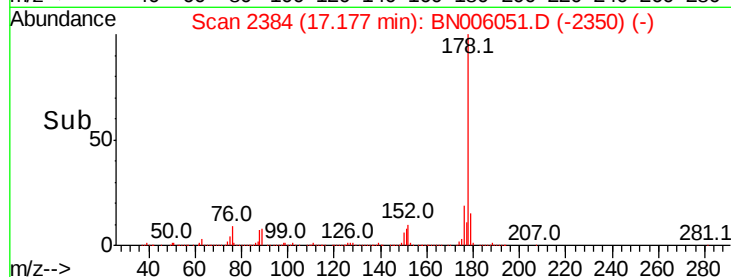
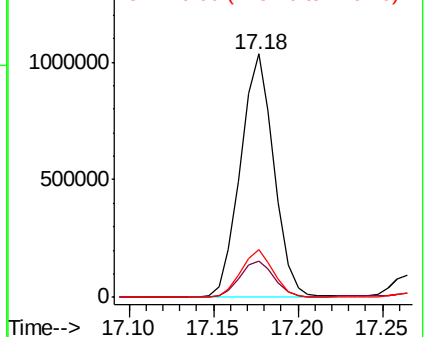
Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.4	18.6
176	19.4	15.0	22.4



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: 1.787 ng/ul

RT: 17.26 min Scan# 2399

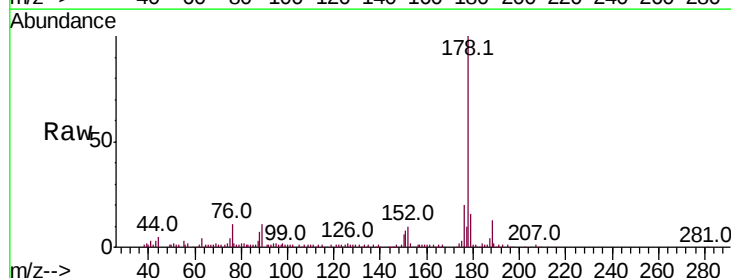
Delta R.T. -0.01 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

Tgt Ion:178 Resp: 142146

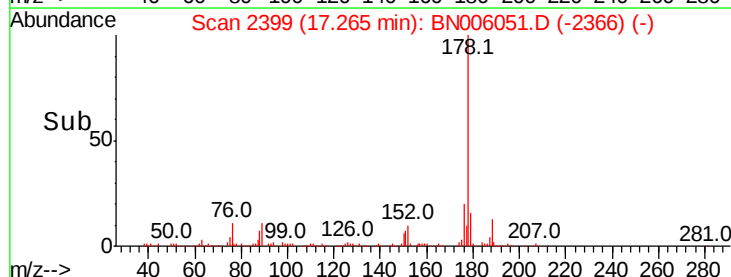
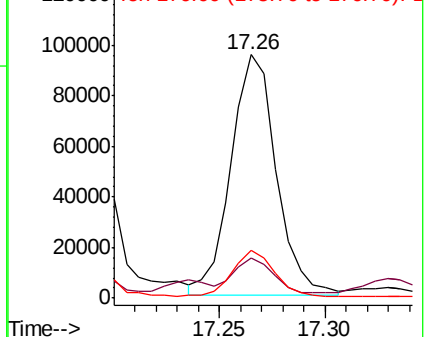
Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.4	18.6
176	19.6	14.8	22.2

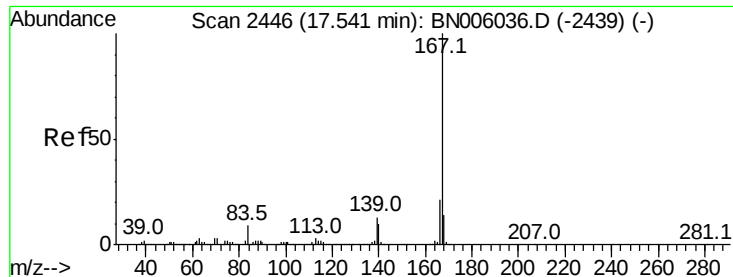


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 0.613 ng/ul

RT: 17.54 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

Instrument :

BNA_N

ClientSampleId :

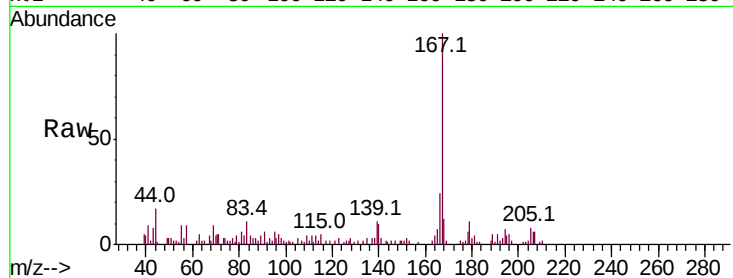
Tot Ion:167 Resp: 41910

Ion Ratio Lower Upper

167 100

166 24.0 17.0 25.6

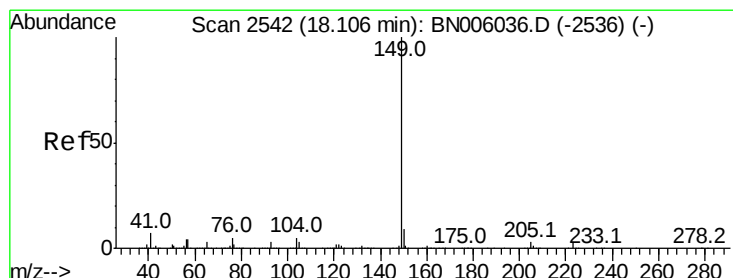
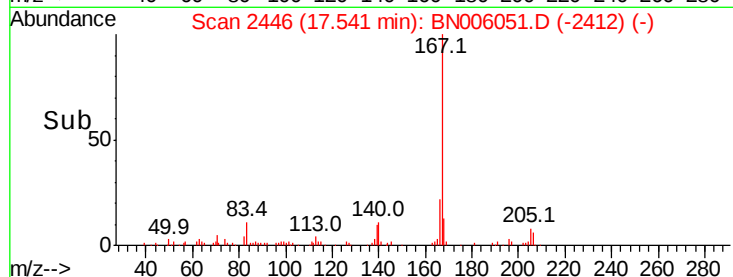
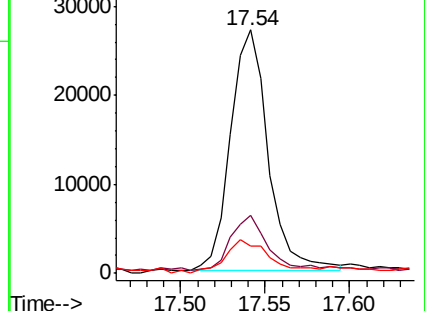
139 11.4 10.4 15.6



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: 0.204 ng/ul

RT: 18.11 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

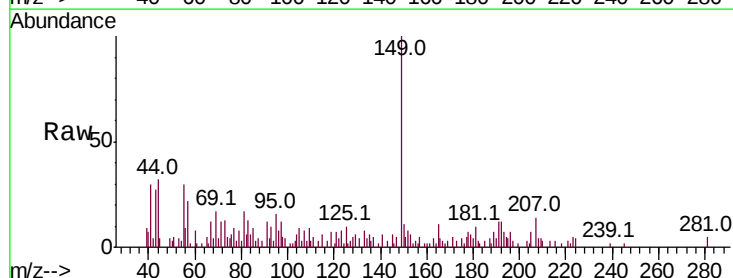
Tgt Ion:149 Resp: 17896

Ion Ratio Lower Upper

149 100

150 11.3 7.4 11.2#

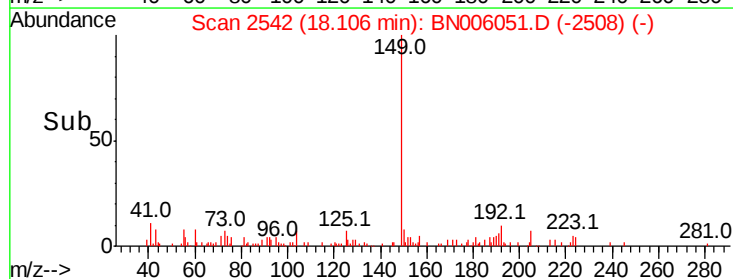
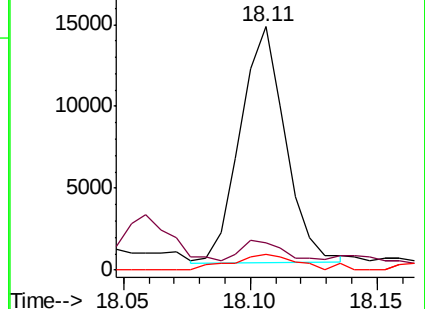
104 6.5 4.2 6.2#

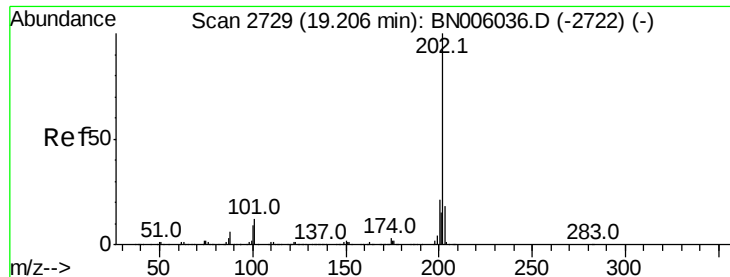


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#76

Fluoranthene

Concen: 19.011 ng/ul

RT: 19.20 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

Instrument :

BNA_N

ClientSampled :

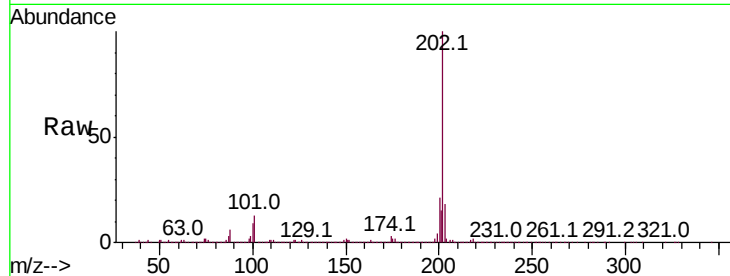
Tot Ion:202 Resp: 1449049

Ion Ratio Lower Upper

202 100

101 12.6 9.6 14.4

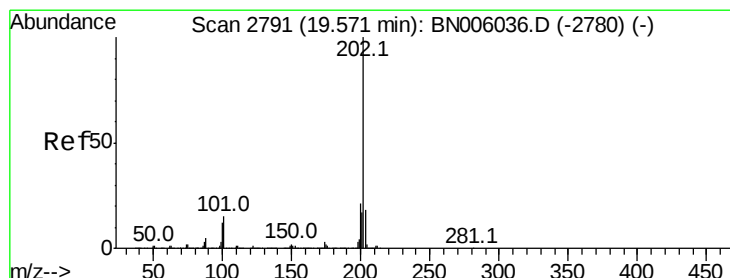
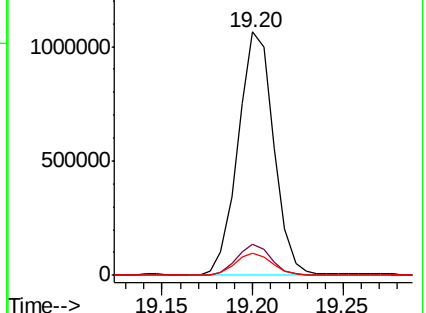
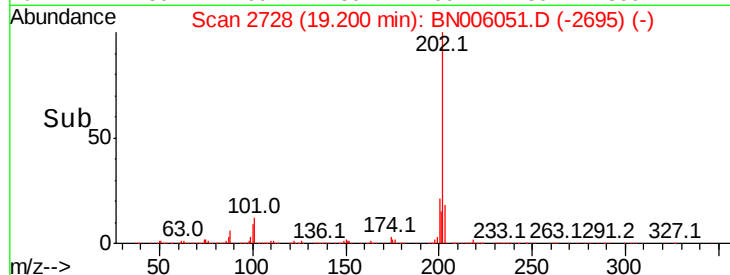
100 9.3 7.1 10.7



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: 37.045 ng/ul

RT: 19.57 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

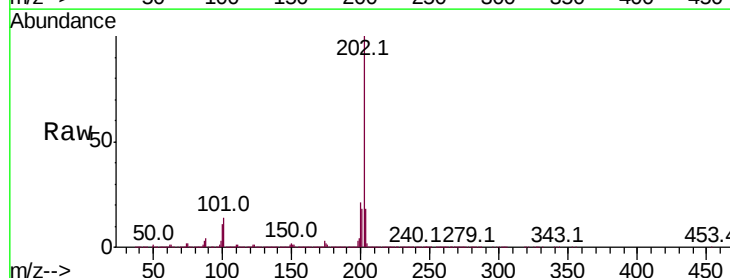
Tgt Ion:202 Resp: 3175254

Ion Ratio Lower Upper

202 100

101 13.6 11.6 17.4

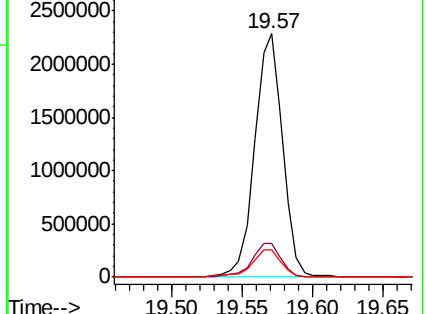
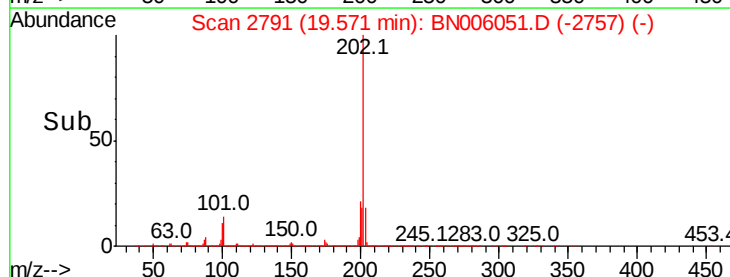
100 11.3 9.4 14.2

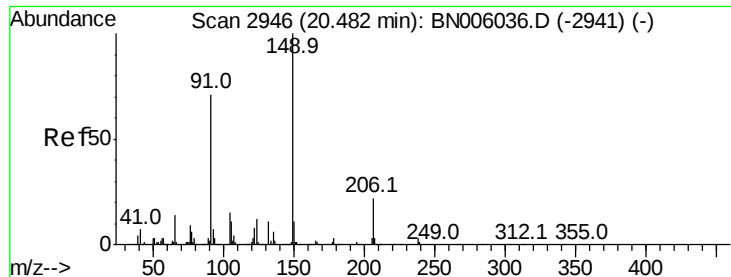


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

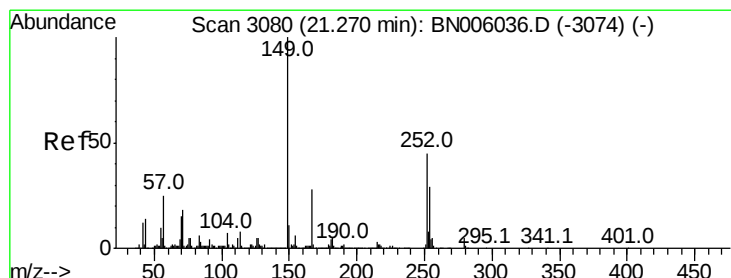
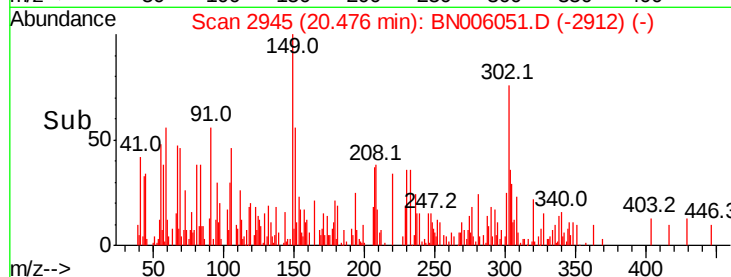
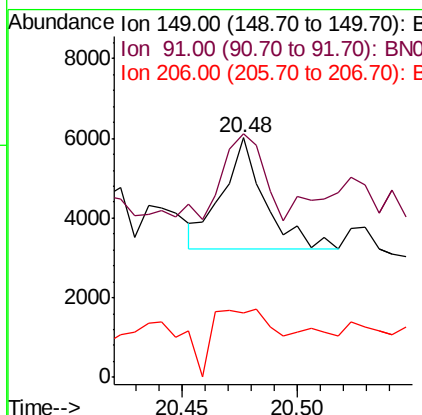
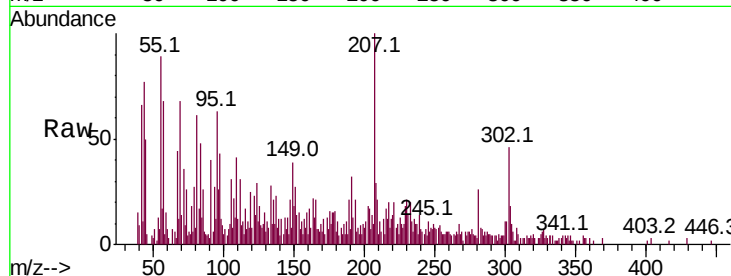




#80
Butylbenzylphthalate
Concen: 0.091 ng/ul
RT: 20.48 min Scan# 2945
Delta R.T. -0.01 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

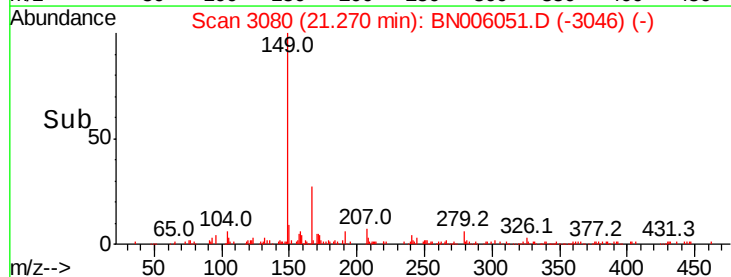
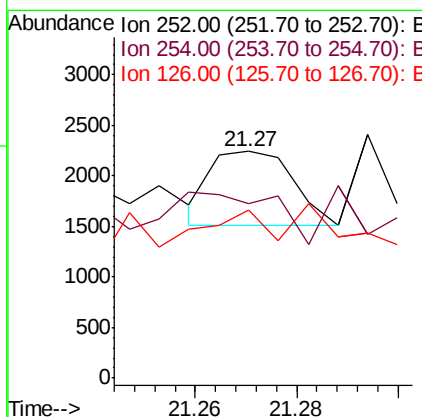
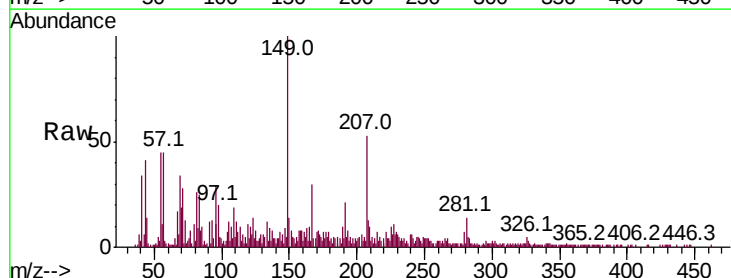
Instrument :
BNA_N
ClientSampleId :

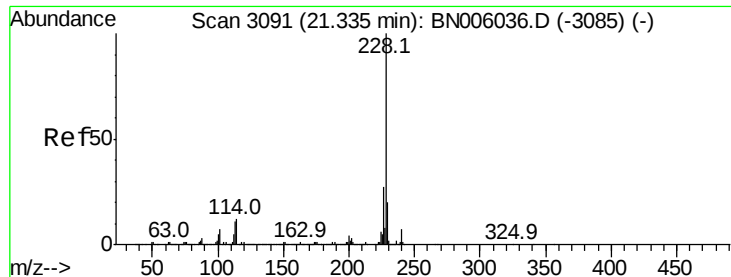
Tot Ion:149 Resp: 3535
Ion Ratio Lower Upper
149 100
91 101.8 57.0 85.6#
206 27.0 17.4 26.2#



#81
3,3'-Dichlorobenzidine
Concen: 0.036 ng/ul
RT: 21.27 min Scan# 3080
Delta R.T. -0.00 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Tgt Ion:252 Resp: 814
Ion Ratio Lower Upper
252 100
254 77.1 50.7 76.1#
126 74.5 9.0 13.6#





#82

Benzo(a)anthracene

Concen: 6.935 ng/ul

RT: 21.33 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

Instrument :

BNA_N

ClientSampleId :

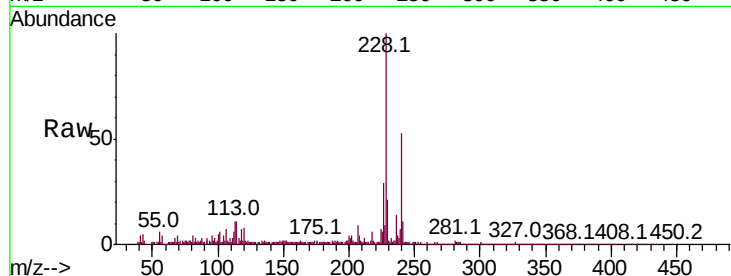
Tot Ion:228 Resp: 509613

Ion Ratio Lower Upper

228 100

229 21.3 15.8 23.8

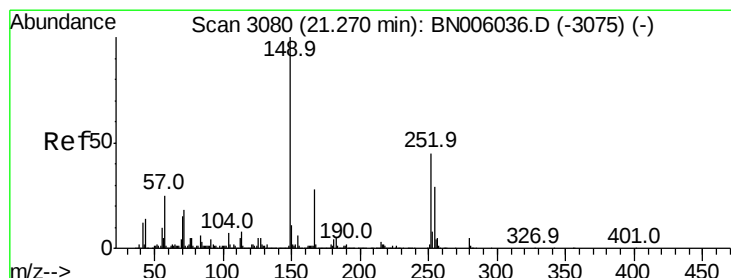
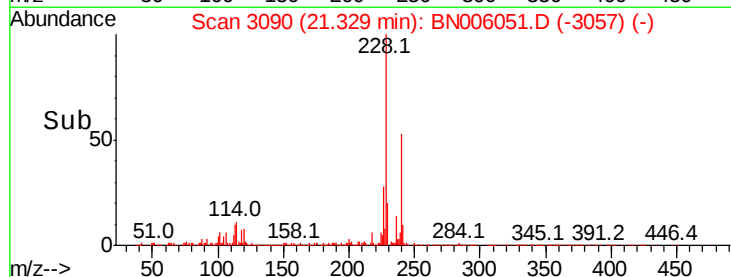
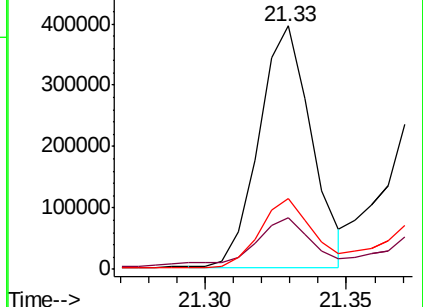
226 28.9 21.6 32.4



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: 3.115 ng/ul

RT: 21.26 min Scan# 3078

Delta R.T. -0.01 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

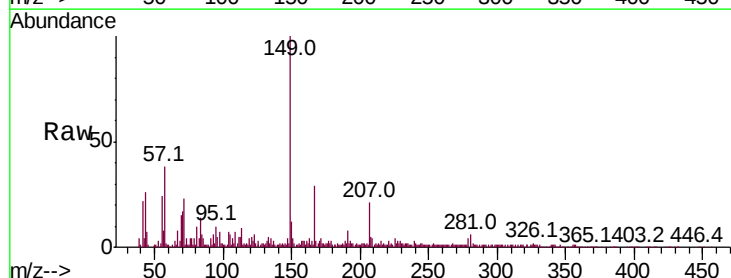
Tgt Ion:149 Resp: 166058

Ion Ratio Lower Upper

149 100

167 29.2 22.5 33.7

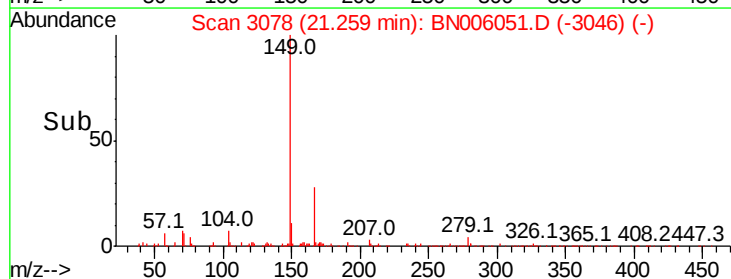
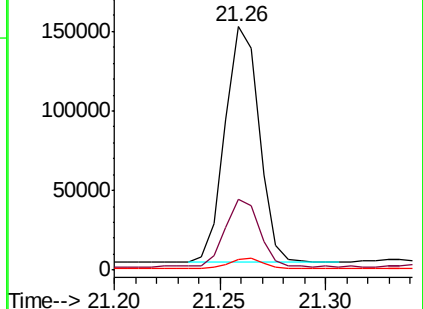
279 4.4 3.6 5.4

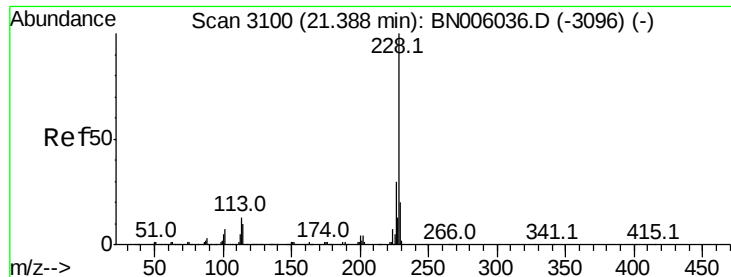


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 9.607 ng/ul

RT: 21.38 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

Instrument :

BNA_N

ClientSampleId :

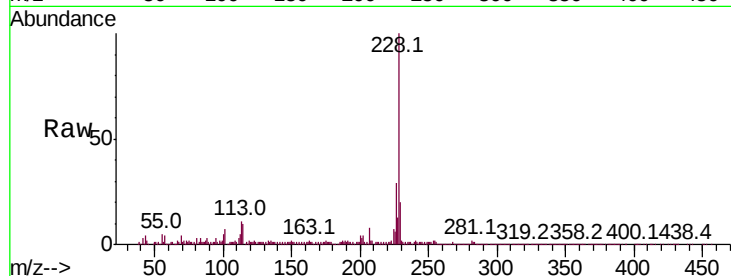
Tot Ion:228 Resp: 667950

Ion Ratio Lower Upper

228 100

226 29.1 24.2 36.4

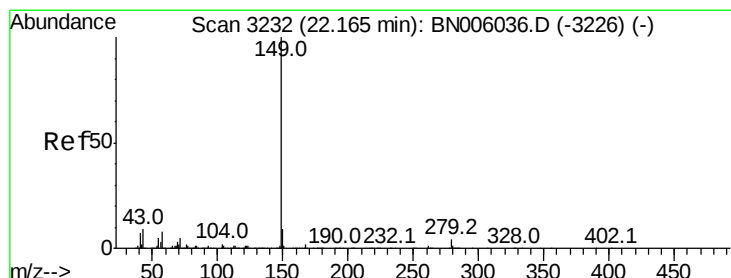
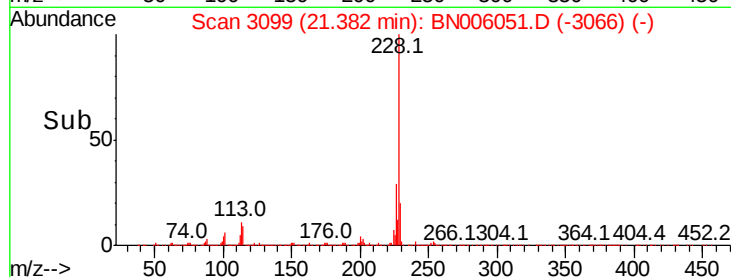
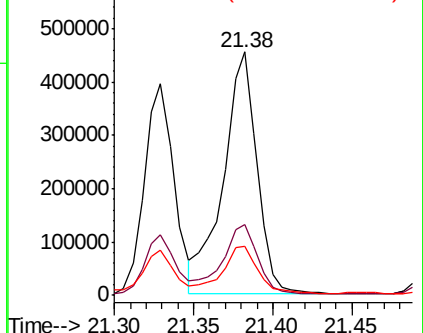
229 20.4 16.3 24.5



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: 0.030 ng/ul

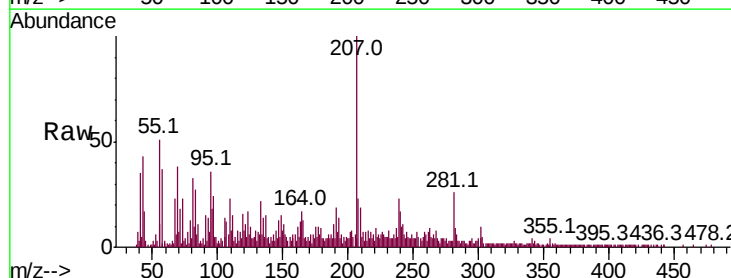
RT: 22.15 min Scan# 3230

Delta R.T. -0.01 min

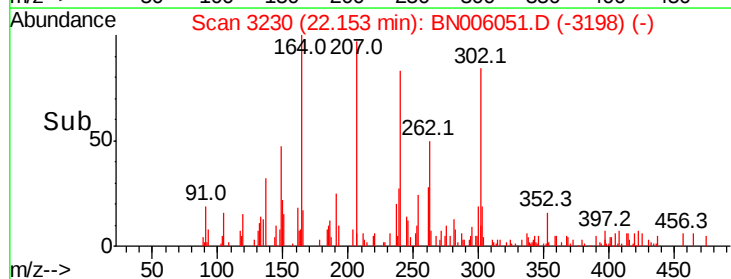
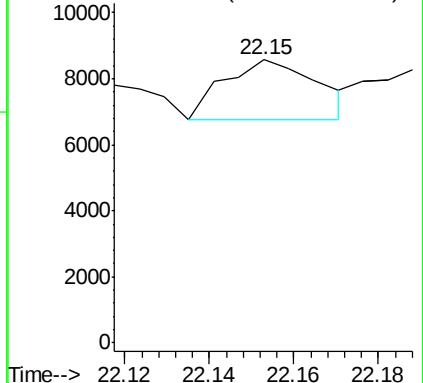
Lab File: BN006051.D

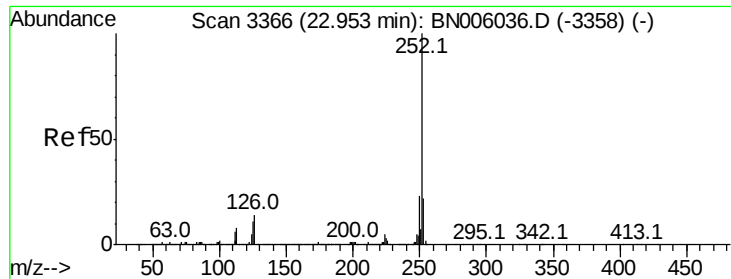
Acq: 03 Jun 2019 23:31

Tgt Ion:149 Resp: 2780



Abundance Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 9.067 ng/ul

RT: 22.94 min Scan# 3364

Delta R.T. -0.01 min

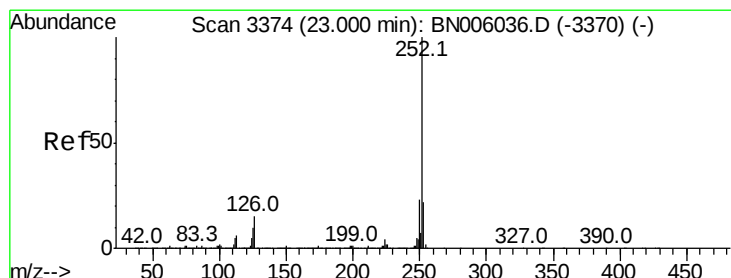
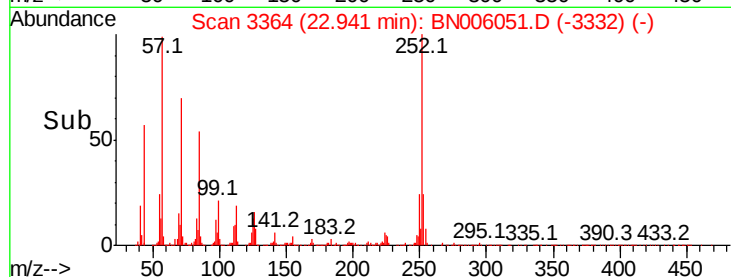
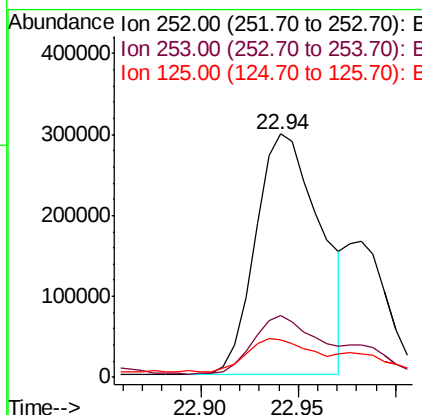
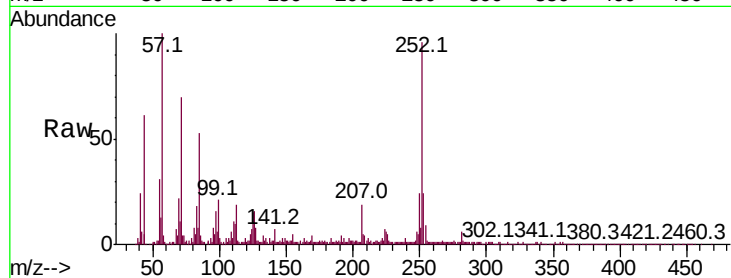
Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 686847

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.3	25.9
125	15.5	8.5	12.7#



#88

Benzo(k)fluoranthene

Concen: 9.357 ng/ul

RT: 22.94 min Scan# 3364

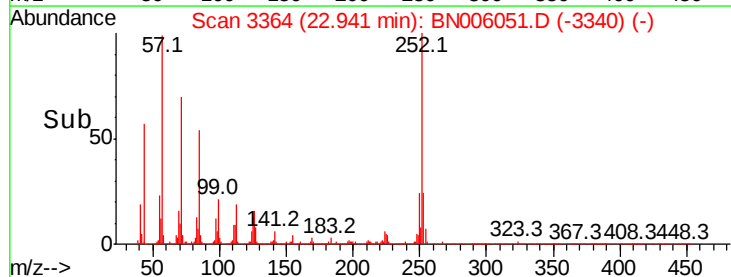
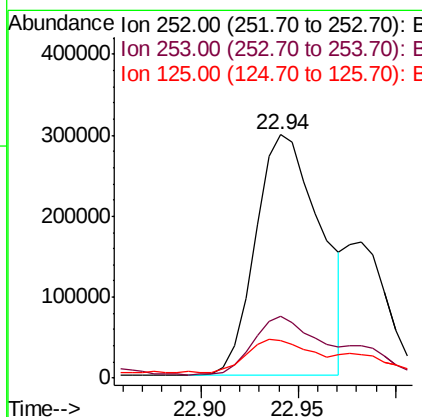
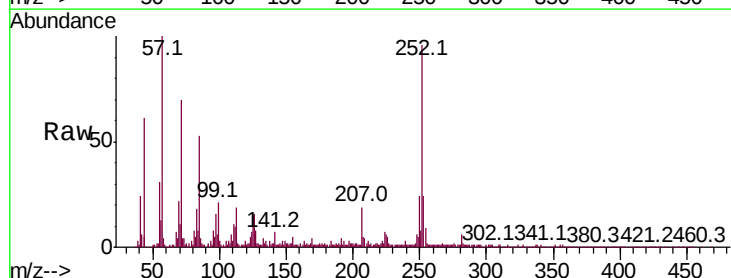
Delta R.T. -0.06 min

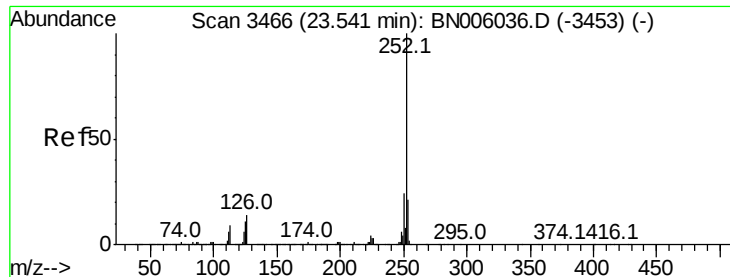
Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

Tgt Ion:252 Resp: 686847

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.5	26.3
125	15.5	8.2	12.4#





#90

Benzo(a)pyrene

Concen: 6.576 ng/ul

RT: 23.52 min Scan# 3463

Delta R.T. -0.02 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

Instrument :

BNA_N

ClientSampleId :

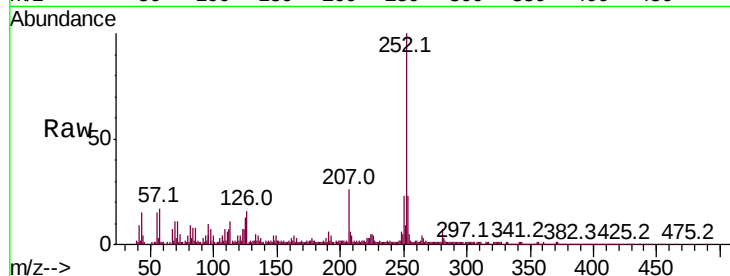
Tot Ion:252 Resp: 473636

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

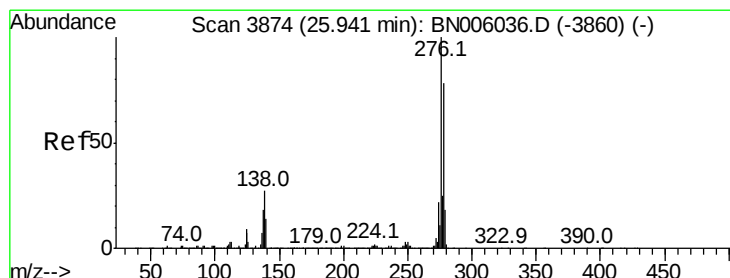
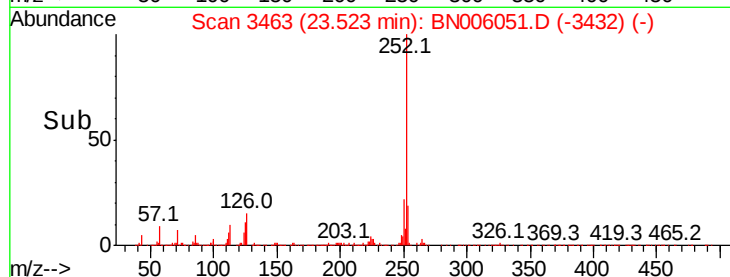
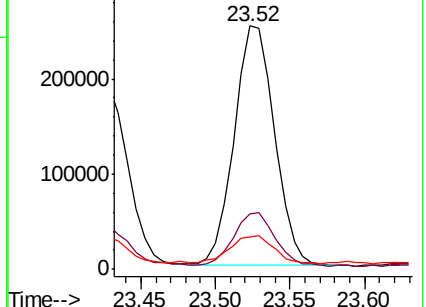
125 13.4 9.2 13.8



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: 4.052 ng/ul

RT: 25.92 min Scan# 3871

Delta R.T. -0.02 min

Lab File: BN006051.D

Acq: 03 Jun 2019 23:31

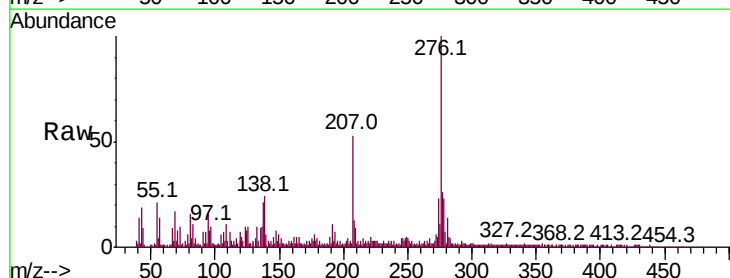
Tgt Ion:276 Resp: 335973

Ion Ratio Lower Upper

276 100

138 23.8 21.4 32.2

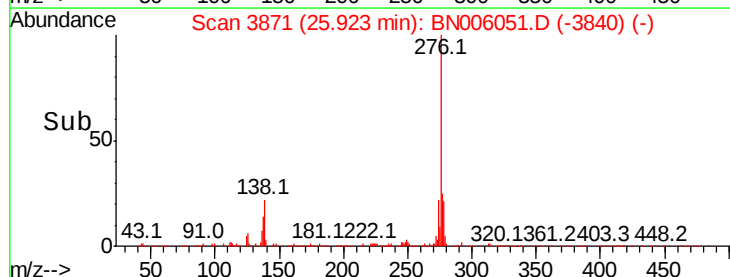
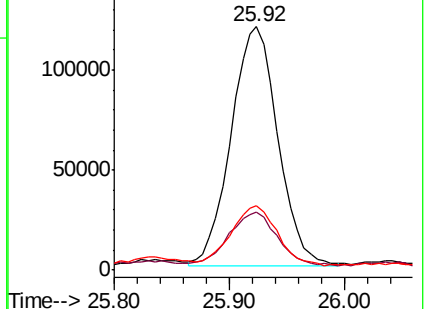
277 26.3 20.2 30.2

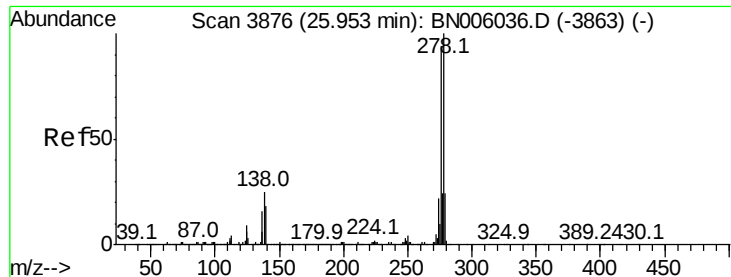


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



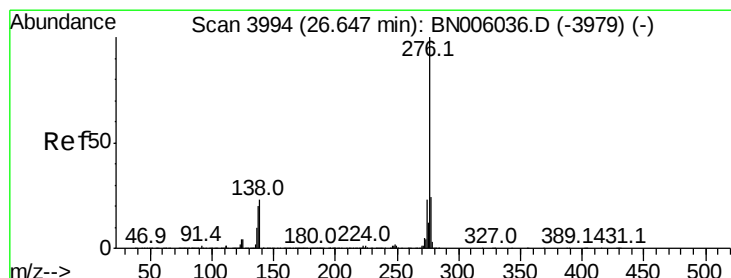
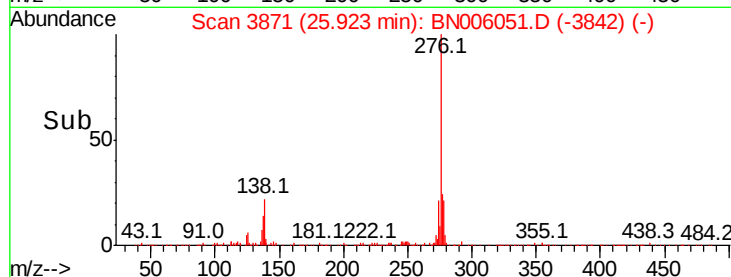
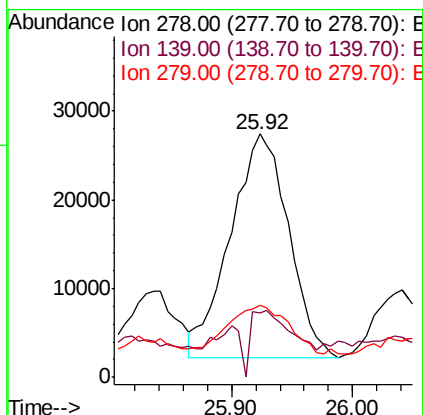
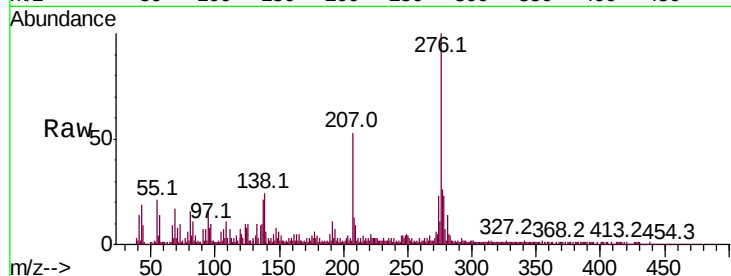


#92

Dibenzo(a,h)anthracene
Concen: 1.210 ng/ul
RT: 25.92 min Scan# 3871
Delta R.T. -0.03 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 84575
Ion Ratio Lower Upper
278 100
139 26.3 14.2 21.2#
279 29.5 19.4 29.0#



#93

Benzo(g,h,i)perylene
Concen: 4.639 ng/ul
RT: 26.62 min Scan# 3990
Delta R.T. -0.02 min
Lab File: BN006051.D
Acq: 03 Jun 2019 23:31

Tgt Ion:276 Resp: 316634
Ion Ratio Lower Upper
276 100
138 23.8 18.8 28.2
277 25.3 19.4 29.2

