

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
 Data File : BN010008.D
 Acq On : 29 Feb 2020 05:07
 Operator : CG/JU
 Sample : L1507-20RX
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 02 05:52:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 29 01:38:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	115523	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	457092	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.98	164	726	20.00	ng/ul	-0.04
62) Phenanthrene-d10	16.75	188	543	20.00	ng/ul	-0.03
78) Chrysene-d12	20.97	240	27194	20.00	ng/ul	-0.03
86) Perylene-d12	23.07	264	720257	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	6174	2.20	ng/uL	0.00
5) Phenol-d5	6.58	99	216636	22.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	144711	21.34	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	169444	22.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	174270	22.29	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	112768	33.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	96714	26.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	170837	24.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	141593	17.92	ng/ul	0.00
44) Dimethylphthalate-d6	13.42	166	131	2.42	ng/ul	-0.03
47) Acenaphthylene-d8	13.66	160	13983	218.94	ng/ul	-0.05
52) 4-Nitrophenol-d4	14.19	143	3541	357.54	ng/ul	-0.08
58) Fluorene-d10	14.99	176	3104	66.30	ng/ul	-0.03
63) 4,6-Dinitro-2-methylphenol	15.15	200	55	16.31	ng/ul	-0.04
71) Anthracene-d10	16.84	188	28079	1128.09	ng/ul	-0.04
79) Pyrene-d10	19.16	212	1375	0.97	ng/ul	-0.03
90) Benzo(a)pyrene-d12	23.07	264	720257	20.02	ng/ul	0.11

Target Compounds

					Ovalue
4) Benzaldehyde	6.55	77	15642	2.394	ng/ul# 1
6) Phenol	6.62	94	41077	3.901	ng/ul# 1
11) 2-Methylphenol	7.85	108	9124	1.184	ng/ul 83
14) Acetophenone	8.20	105	60928	4.784	ng/ul# 89
16) 4-Methylphenol	8.17	108	50114	5.927	ng/ul 98
17) Hexachloroethane	8.39	117	9322	2.630	ng/ul# 9
20) Nitrobenzene	8.53	77	46440	4.713	ng/ul# 1
24) 2,4-Dimethylphenol	9.35	107	12037	1.354	ng/ul# 79
25) Bis(2-Chloroethoxy)methane	9.55	93	22477	2.121	ng/ul# 89
28) Naphthalene	10.17	128	681952	27.667	ng/ul# 93
32) Caprolactam	11.05	113	4208	1.768	ng/ul# 1
39) 2,4,6-Trichlorophenol	12.29	196	902	66.043	ng/ul# 81
41) 1,1'-Biphenyl	12.85	154	3739214	67058.214	ng/ul 100
42) 2-Chloronaphthalene	12.85	162	146343	3304.675	ng/ul# 29
43) 2-Nitroaniline	13.07	65	344670	21283.263	ng/ul# 40
45) Dimethylphthalate	13.45	163	91055	1609.187	ng/ul# 65
46) 2,6-Dinitrotoluene	13.57	165	430	38.818	ng/ul# 1
48) Acenaphthylene	13.67	152	882580	12767.538	ng/ul# 1
49) 3-Nitroaniline	13.91	138	722	70.598	ng/ul# 1
51) 2,4-Dinitrophenol	14.15	184	513	80.667	ng/ul# 1
53) 4-Nitrophenol	14.07	109	481	53.824	ng/ul 92
54) Dibenzofuran	14.52	168	3017710	45369.728	ng/ul 93
55) 2,4-Dinitrotoluene	14.35	165	261429	15924.077	ng/ul# 1

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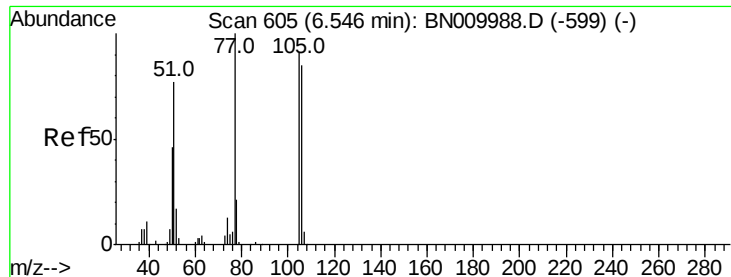
Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 02 05:52:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 29 01:38:10 2020
 Response via : Initial Calibration

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

56) 2,3,4,6-Tetrachlorophenol	14.63	232	657	52.153	ng/ul#	1
57) Diethylphthalate	14.80	149	9397	161.731	ng/ul#	1
59) Fluorene	14.97	166	916558	16419.791	ng/ul#	1
60) 4-Chlorophenyl-phenylether	15.05	204	295	10.716	ng/ul#	1
61) 4-Nitroaniline	15.08	138	1096	87.882	ng/ul#	56
64) 4,6-Dinitro-2-methylphenol	15.19	198	847	233.094	ng/ul#	1
65) N-Nitrosodiphenylamine	15.32	169	465876	28916.453	ng/ul#	1
66) 4-Bromophenyl-phenylether	16.01	248	7475	1375.752	ng/ul#	1
68) Atrazine	16.23	200	748	122.388	ng/ul#	1
69) Pentachlorophenol	16.55	266	142	40.870	ng/ul#	41
70) Phenanthrene	16.72	178	131724	4250.658	ng/ul#	1
72) Anthracene	16.72	178	131724	4158.041	ng/ul#	1
75) Carbazole	17.14	167	41563	1489.831	ng/ul#	1
76) Di-n-butylphthalate	17.69	149	3897	113.174	ng/ul#	1
77) Fluoranthene	18.87	202	323382	8908.748	ng/ul#	29
80) Pyrene	19.25	202	2399322	1223.791	ng/ul#	94
81) Butylbenzylphthalate	20.10	149	26721	33.154	ng/ul#	47
82) 3,3'-Dichlorobenzidine	20.89	252	54715	92.281	ng/ul#	15
83) Benzo(a)anthracene	20.94	228	74073	39.637	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.03	149	1688249	1372.000	ng/ul	95
85) Chrysene	21.02	228	96536	52.471	ng/ul#	1
88) Benzo(b)fluoranthene	22.36	252	225692	4.833	ng/ul#	1
89) Benzo(k)fluoranthene	22.36	252	191270	4.326	ng/ul#	1
91) Benzo(a)pyrene	23.14	252	15590912	371.202	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.07	276	83757	1.680	ng/ul#	73
93) Dibenzo(a,h)anthracene	25.06	278	403854	9.467	ng/ul#	92
94) Benzo(g,h,i)perylene	25.87	276	3054158	73.044	ng/ul	97

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



#4

Benzaldehyde

Concen: 2.394 ng/ul

RT: 6.55 min Scan# 605

Delta R.T. 0.00 min

Lab File: BN010008.D

Acq: 29 Feb 2020 05:07

Instrument :

BNA_N

ClientSampleId :

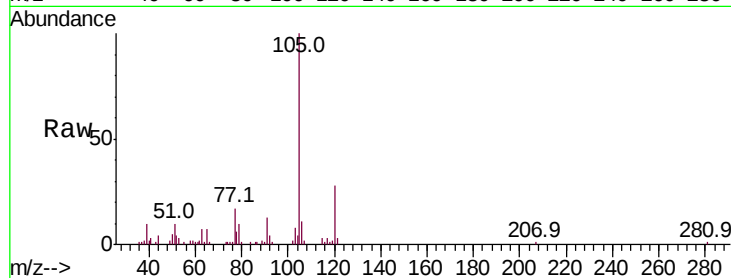
Tot Ion: 77 Resp: 15642

Ion Ratio Lower Upper

77 100

105 593.5 78.2 117.2#

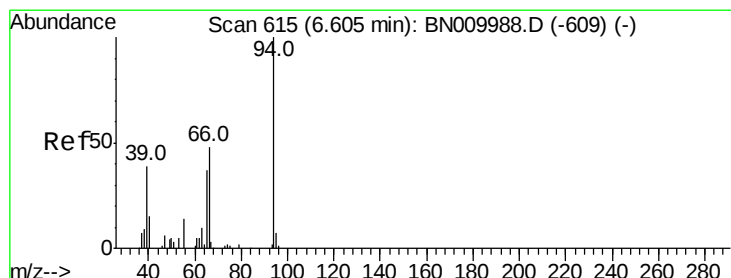
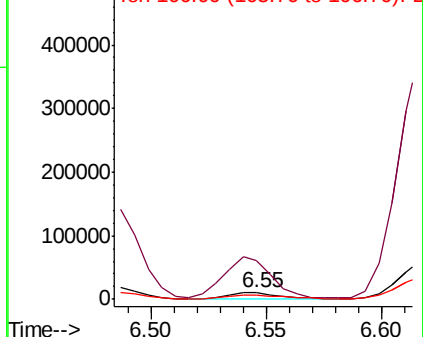
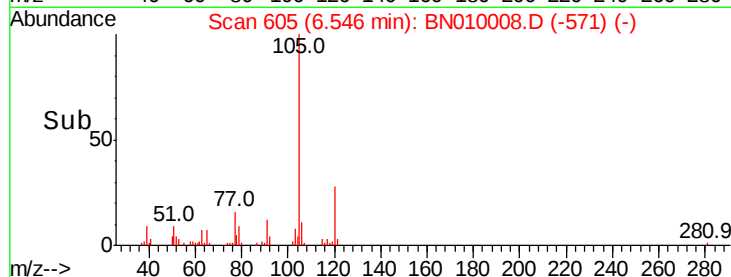
106 66.2 70.9 106.3#



Abundance Ion 77.00 (76.70 to 77.70): BN010008.D (-571) (-)

Ion 105.00 (104.70 to 105.70): BN010008.D (-571) (-)

Ion 106.00 (105.70 to 106.70): BN010008.D (-571) (-)



#6

Phenol

Concen: 3.901 ng/ul

RT: 6.62 min Scan# 617

Delta R.T. 0.01 min

Lab File: BN010008.D

Acq: 29 Feb 2020 05:07

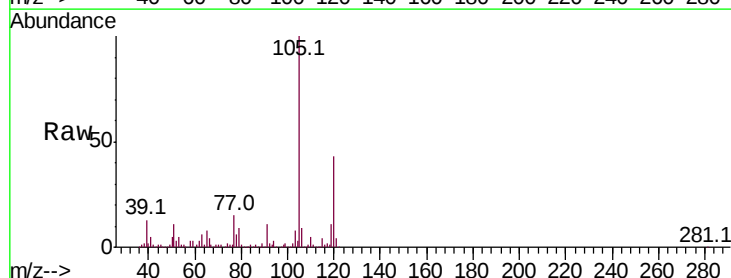
Tgt Ion: 94 Resp: 41077

Ion Ratio Lower Upper

94 100

65 237.2 27.6 41.4#

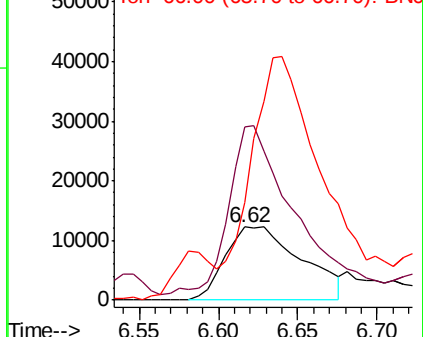
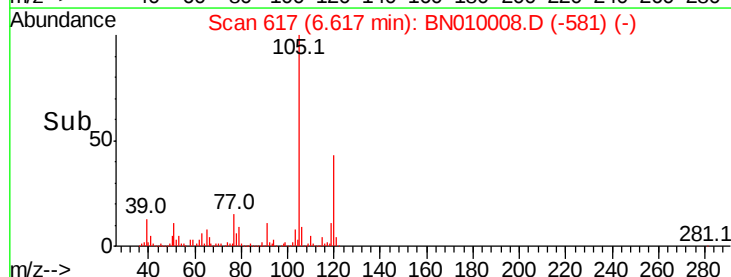
66 134.6 38.5 57.7#

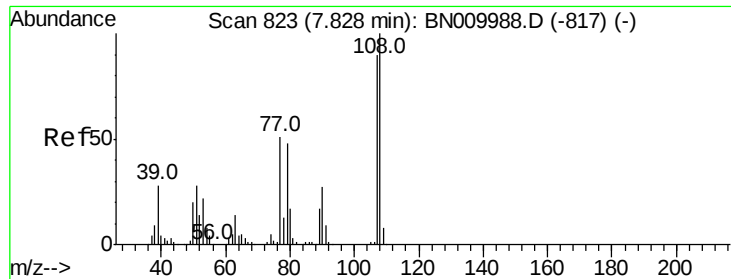


Abundance Ion 94.00 (93.70 to 94.70): BN010008.D (-581) (-)

Ion 65.00 (64.70 to 65.70): BN010008.D (-581) (-)

Ion 66.00 (65.70 to 66.70): BN010008.D (-581) (-)

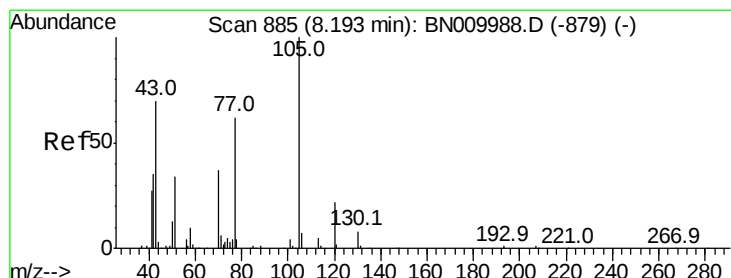
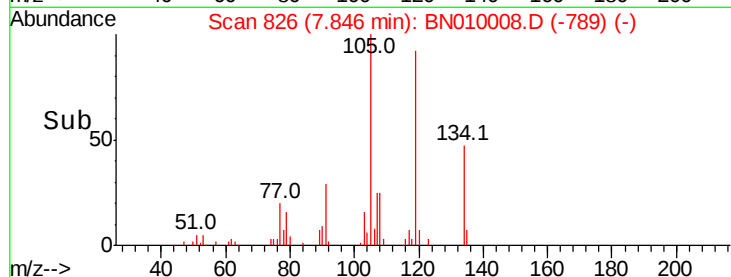
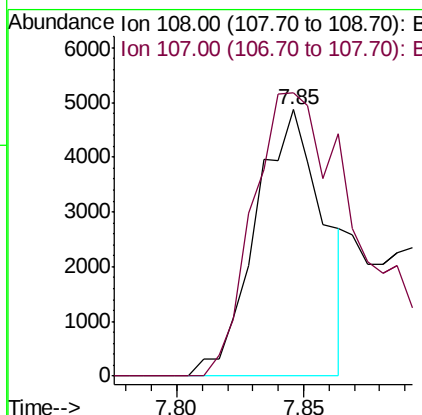
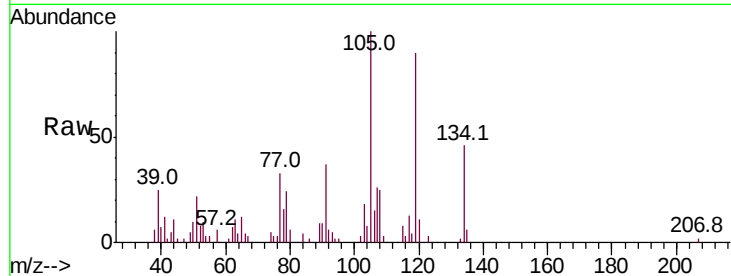




#11
2-Methylphenol
Concen: 1.184 ng/ul
RT: 7.85 min Scan# 826
Delta R.T. 0.02 min
Lab File: BN010008.D
Acq: 29 Feb 2020 05:07

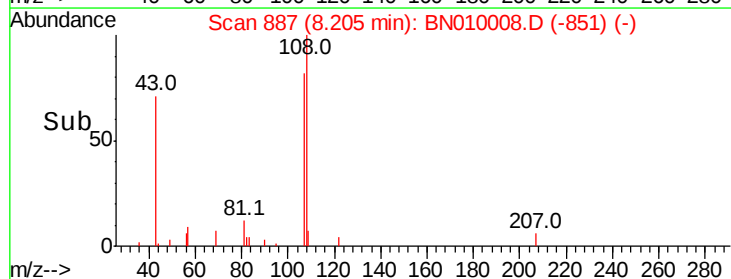
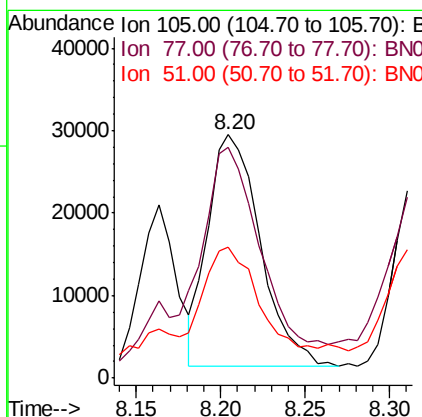
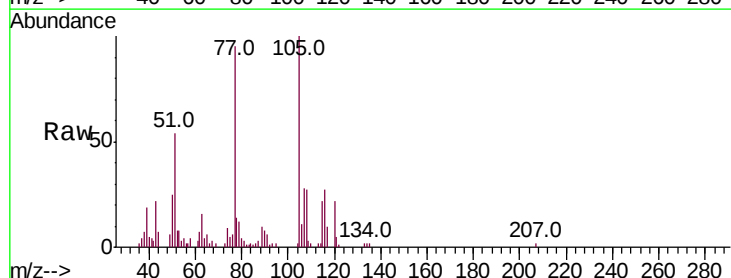
Instrument :
BNA_N
ClientSampled :

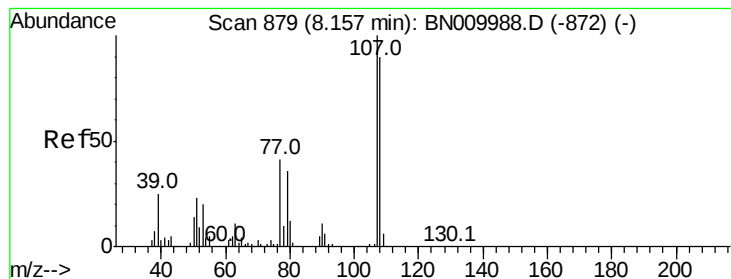
Tot Ion:108 Resp: 9124
Ion Ratio Lower Upper
108 100
107 106.1 72.3 108.5



#14
Acetophenone
Concen: 4.784 ng/ul
RT: 8.20 min Scan# 887
Delta R.T. 0.01 min
Lab File: BN010008.D
Acq: 29 Feb 2020 05:07

Tgt Ion:105 Resp: 60928
Ion Ratio Lower Upper
105 100
77 95.0 68.9 103.3
51 53.6 35.6 53.4#





#16

4-Methylphenol

Concen: 5.927 ng/ul

RT: 8.17 min Scan# 881

Delta R.T. 0.01 min

Lab File: BN010008.D

Acq: 29 Feb 2020 05:07

Instrument :

BNA_N

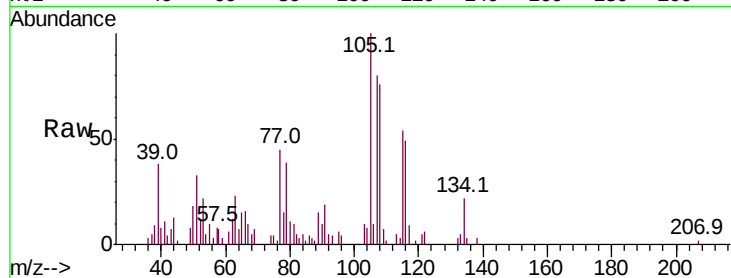
ClientSampleId :

Tot Ion:108 Resp: 50114

Ion Ratio Lower Upper

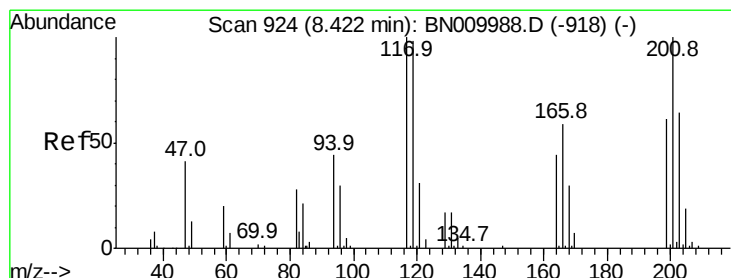
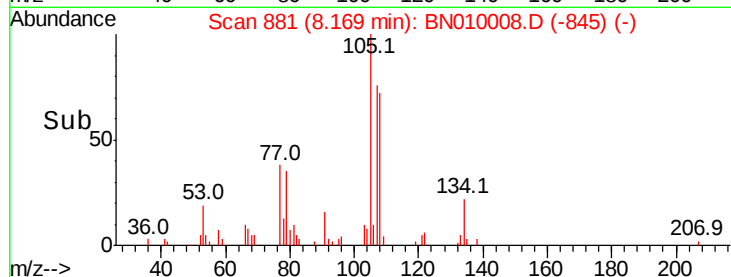
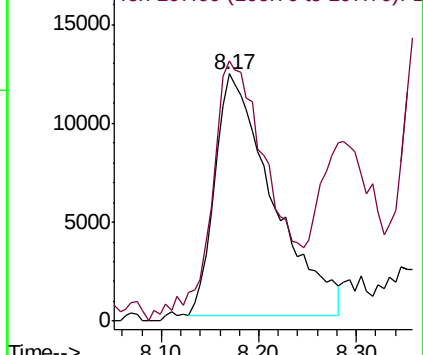
108 100

107 105.6 86.4 129.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#17

Hexachloroethane

Concen: 2.630 ng/ul

RT: 8.39 min Scan# 919

Delta R.T. -0.03 min

Lab File: BN010008.D

Acq: 29 Feb 2020 05:07

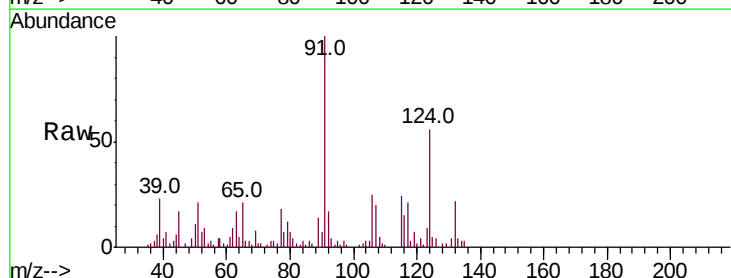
Tgt Ion:117 Resp: 9322

Ion Ratio Lower Upper

117 100

201 0.0 76.6 115.0#

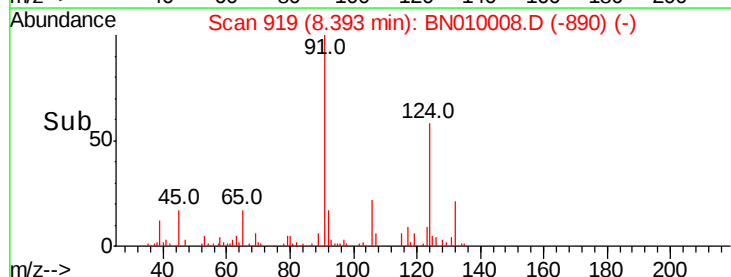
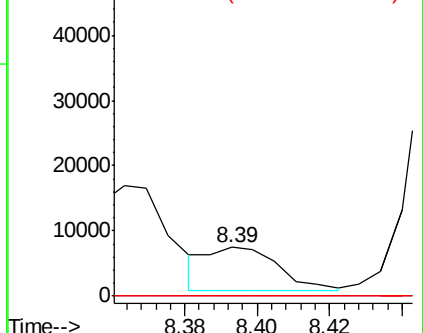
199 0.0 49.1 73.7#

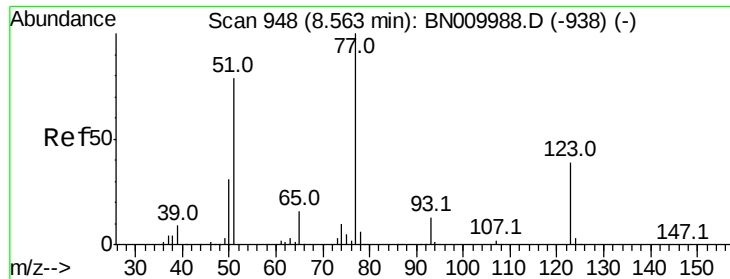


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

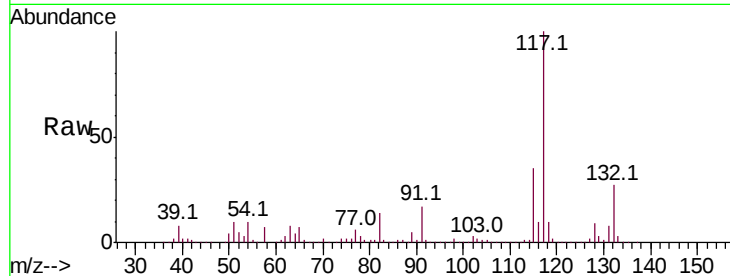




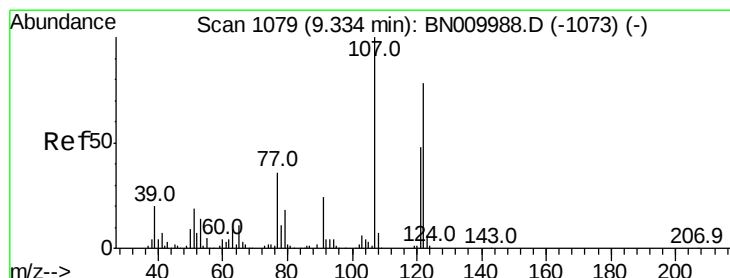
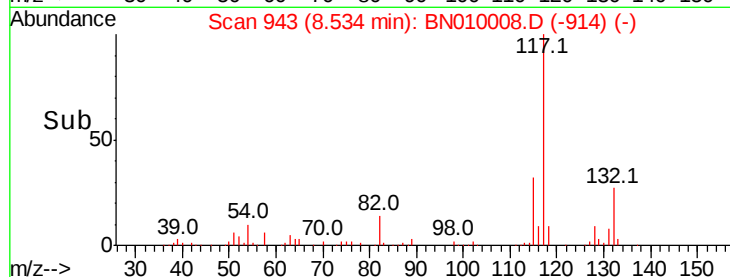
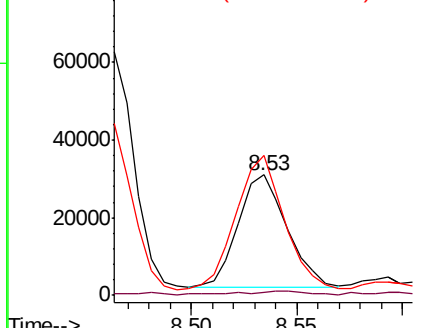
#20
 Nitrobenzene
 Concen: 4.713 ng/ul
 RT: 8.53 min Scan# 943
 Delta R.T. -0.03 min
 Lab File: BN010008.D
 Acq: 29 Feb 2020 05:07

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
77	100		
123	2.2	30.5	45.7#
65	116.4	13.4	20.2#

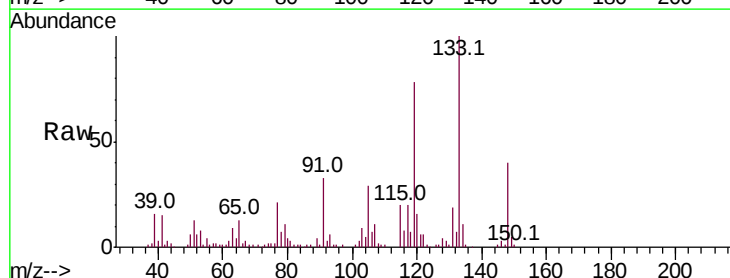


Abundance Ion 77.00 (76.70 to 77.70): BN0
 Ion 123.00 (122.70 to 123.70): BN0
 Ion 65.00 (64.70 to 65.70): BN0

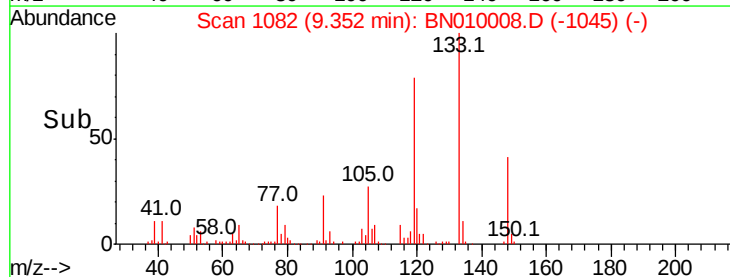
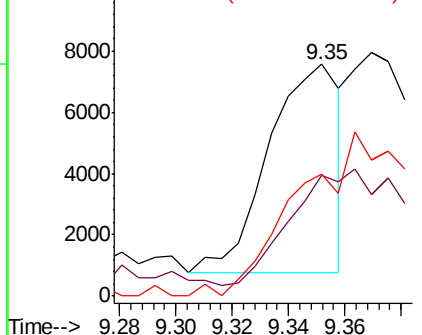


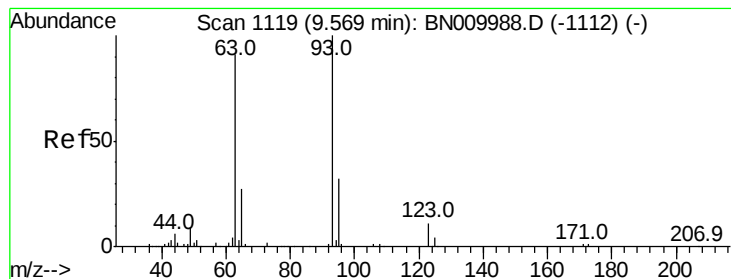
#24
 2,4-Dimethylphenol
 Concen: 1.354 ng/ul
 RT: 9.35 min Scan# 1082
 Delta R.T. 0.02 min
 Lab File: BN010008.D
 Acq: 29 Feb 2020 05:07

Tgt Ion	Ratio	Lower	Upper
107	100		
121	52.4	38.5	57.7
122	52.6	62.9	94.3#



Abundance Ion 107.00 (106.70 to 107.70): BN0
 Ion 121.00 (120.70 to 121.70): BN0
 Ion 122.00 (121.70 to 122.70): BN0





#25

Bis(2-Chloroethoxy)methane

Concen: 2.121 ng/ul

RT: 9.55 min Scan# 1115

Delta R.T. -0.02 min

Lab File: BN010008.D

Acq: 29 Feb 2020 05:07

Instrument :

BNA_N

ClientSampleId :

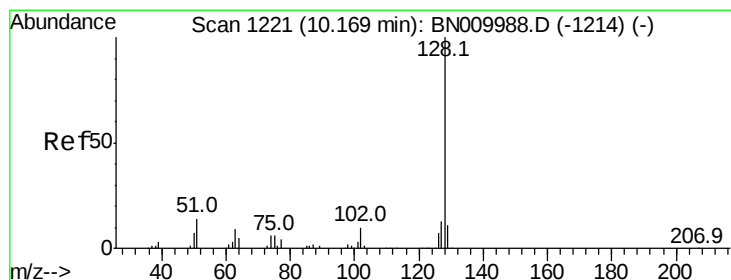
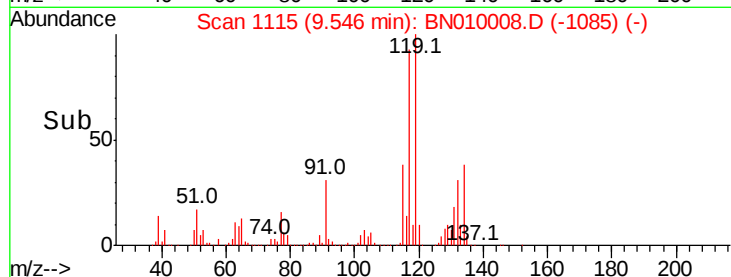
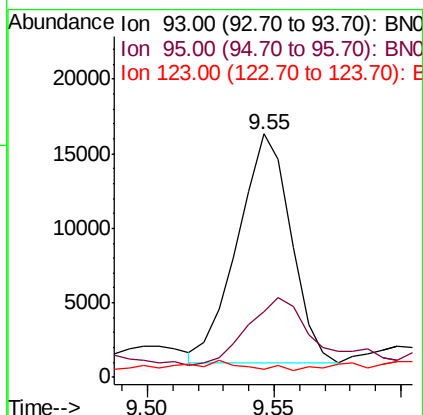
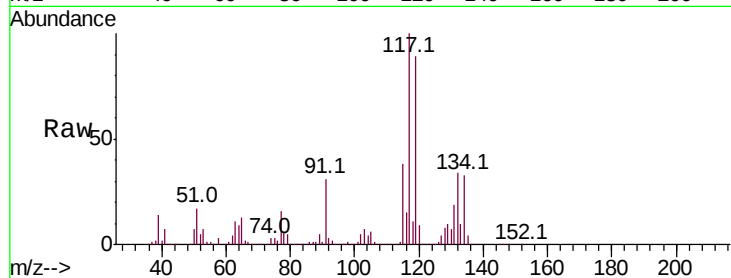
Tot Ion: 93 Resp: 22477

Ion Ratio Lower Upper

93 100

95 27.0 25.1 37.7

123 3.4 8.9 13.3#



#28

Naphthalene

Concen: 27.667 ng/ul

RT: 10.17 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BN010008.D

Acq: 29 Feb 2020 05:07

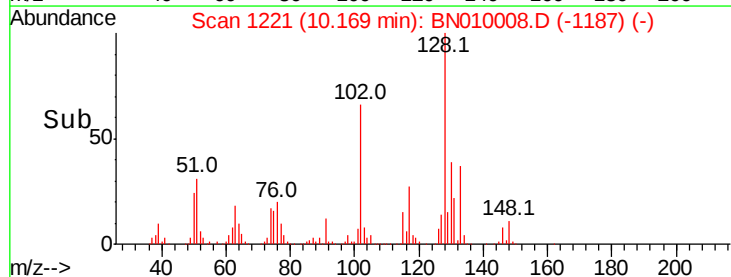
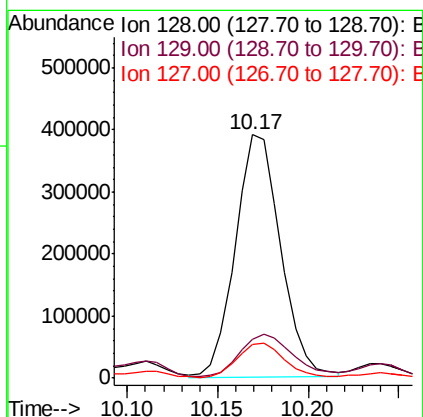
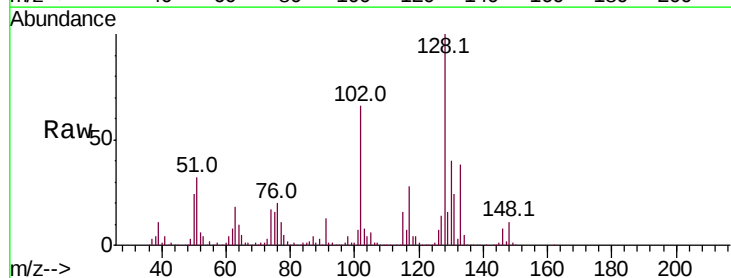
Tgt Ion:128 Resp: 681952

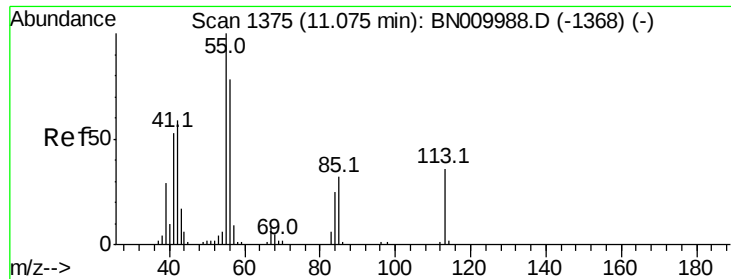
Ion Ratio Lower Upper

128 100

129 15.8 8.6 13.0#

127 13.9 10.3 15.5





#32

Caprolactam

Concen: 1.768 ng/ul

RT: 11.05 min Scan# 1371

Delta R.T. -0.02 min

Lab File: BN010008.D

Acq: 29 Feb 2020 05:07

Instrument :

BNA_N

ClientSampleId :

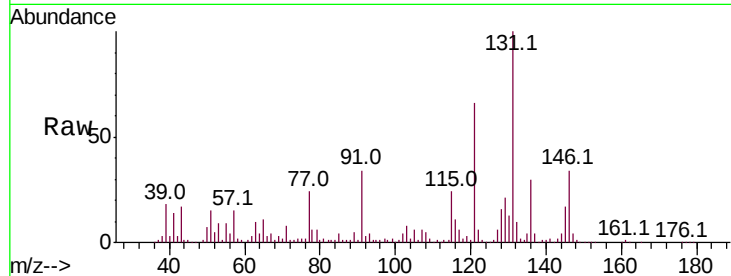
Tot Ion:113 Resp: 4208

Ion Ratio Lower Upper

113 100

55 897.8 209.1 313.7#

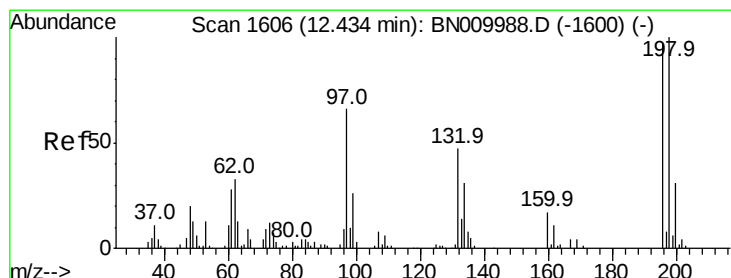
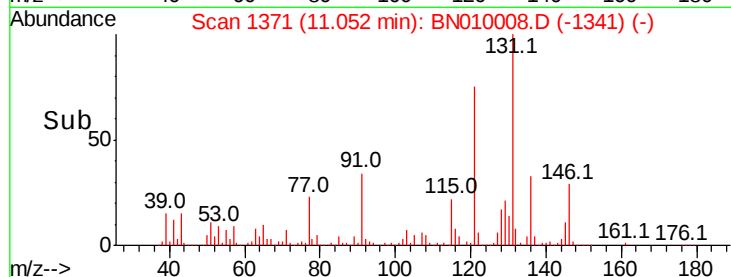
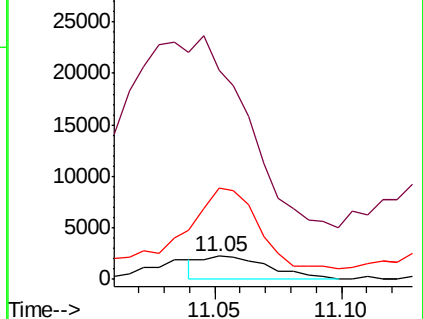
56 391.3 161.6 242.4#



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



#39

2,4,6-Trichlorophenol

Concen: 66.043 ng/ul

RT: 12.29 min Scan# 1582

Delta R.T. -0.14 min

Lab File: BN010008.D

Acq: 29 Feb 2020 05:07

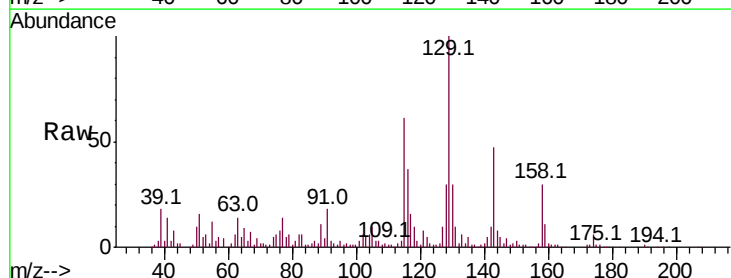
Tgt Ion:196 Resp: 902

Ion Ratio Lower Upper

196 100

198 91.9 77.2 115.8

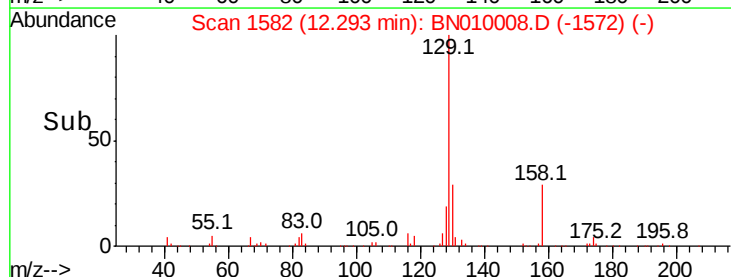
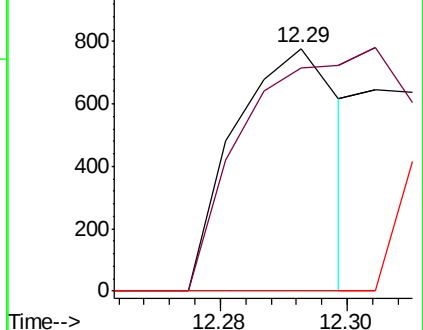
200 0.0 26.8 40.2#

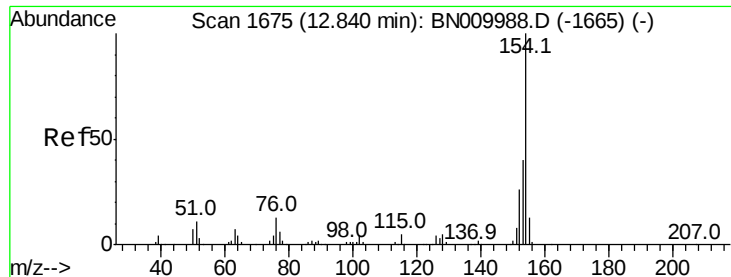


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#41

1,1'-Biphenyl

Concen: 67058.214 ng/ul

RT: 12.85 min Scan# 1677

Delta R.T. 0.01 min

Lab File: BN010008.D

Acq: 29 Feb 2020 05:07

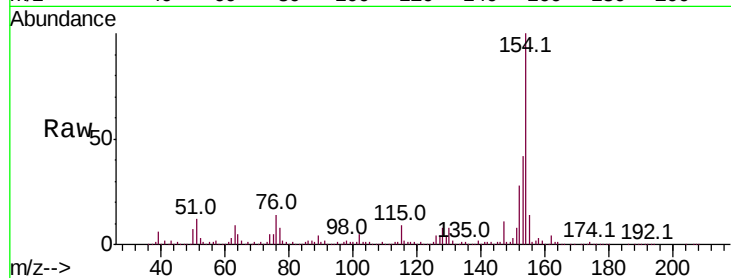
Instrument :

BNA_N

ClientSampled :

Tot Ion:154 Resp: 3739214

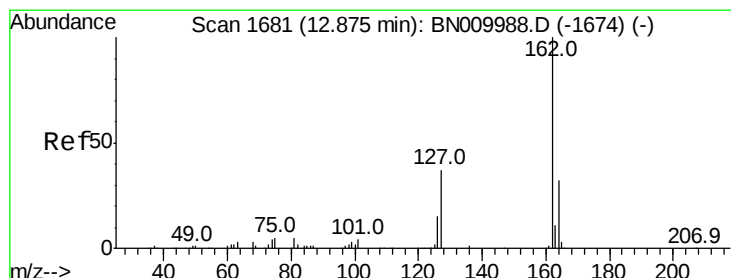
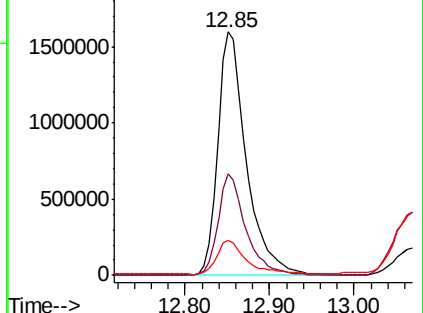
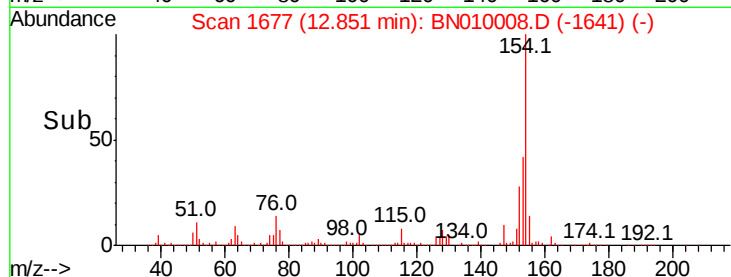
Ion	Ratio	Lower	Upper
154	100		
153	41.6	33.2	49.8
76	14.2	11.0	16.4



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-Chloronaphthalene

Concen: 3304.675 ng/ul

RT: 12.85 min Scan# 1677

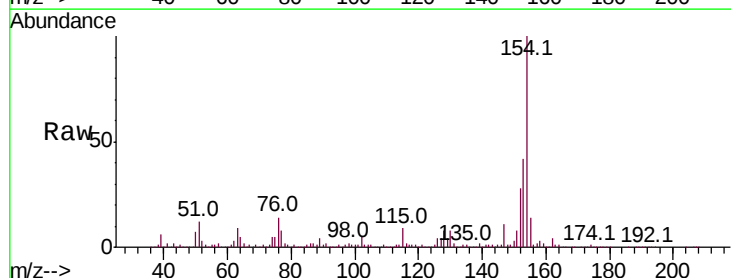
Delta R.T. -0.02 min

Lab File: BN010008.D

Acq: 29 Feb 2020 05:07

Tgt Ion:162 Resp: 146343

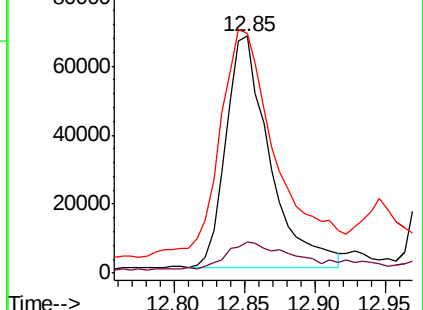
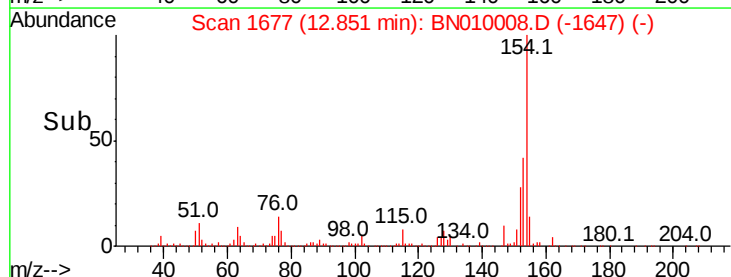
Ion	Ratio	Lower	Upper
162	100		
164	12.9	25.7	38.5#
127	101.2	31.4	47.2#

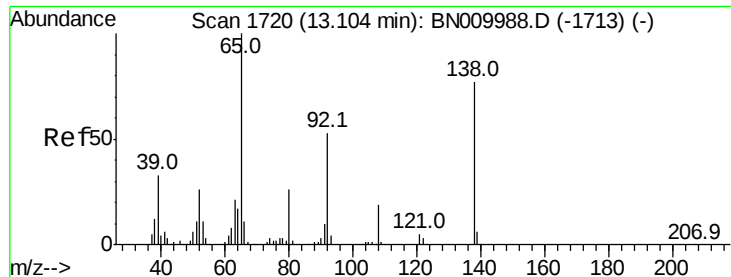


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E

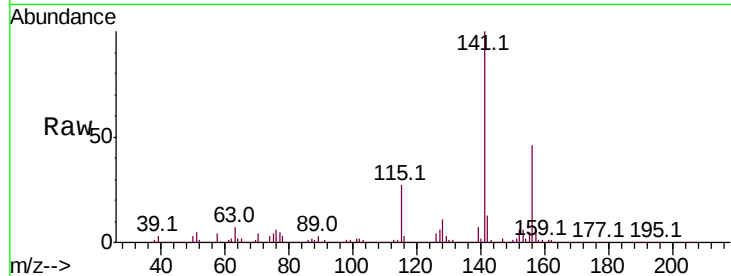




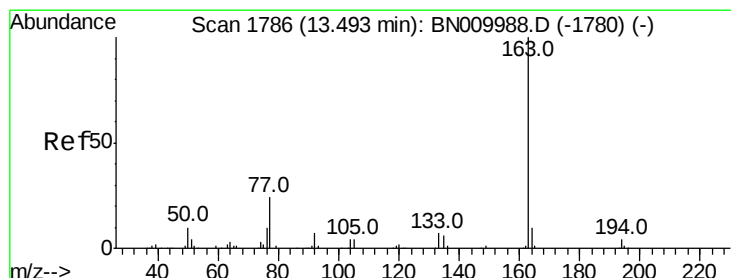
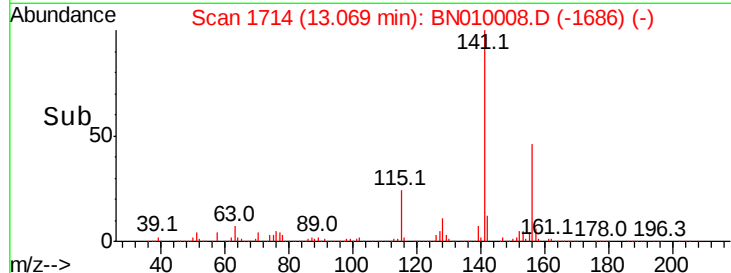
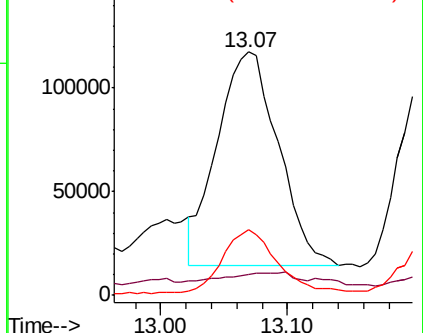
#43
2-Nitroaniline
Concen: 21283.263 ng/ul
RT: 13.07 min Scan# 1714
Delta R.T. -0.04 min
Lab File: BN010008.D
Acq: 29 Feb 2020 05:07

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 65 Resp: 344670
Ion Ratio Lower Upper
65 100
92 8.7 43.6 65.4#
138 27.1 61.3 91.9#

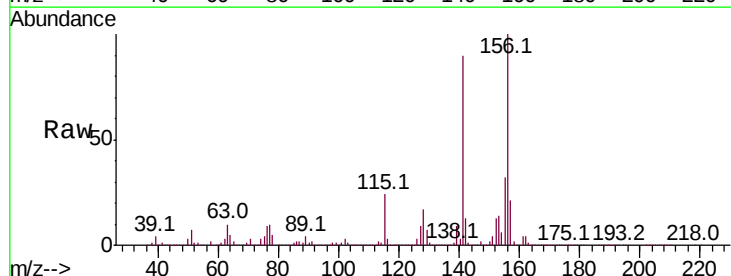


Abundance Ion 65.00 (64.70 to 65.70): BN0
Ion 92.00 (91.70 to 92.70): BN0
Ion 138.00 (137.70 to 138.70): E

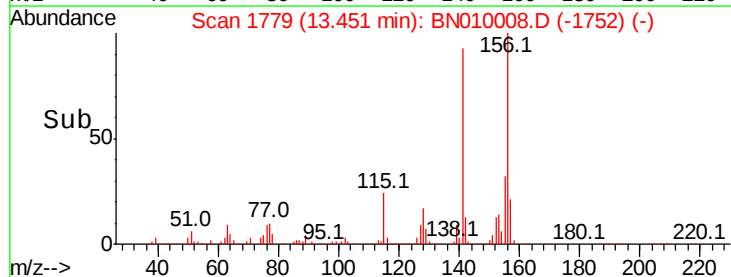
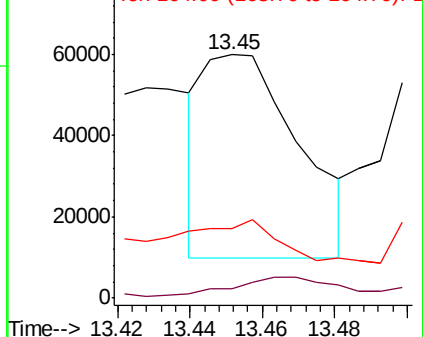


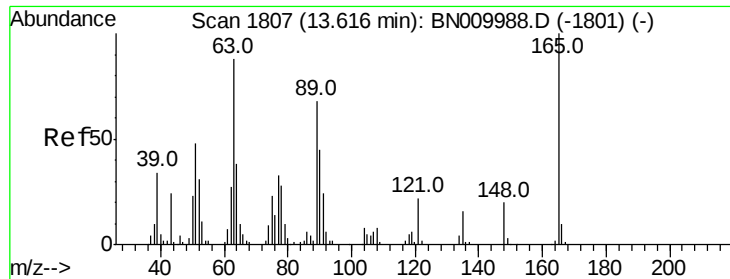
#45
Dimethylphthalate
Concen: 1609.187 ng/ul
RT: 13.45 min Scan# 1779
Delta R.T. -0.04 min
Lab File: BN010008.D
Acq: 29 Feb 2020 05:07

Tgt Ion:163 Resp: 91055
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 28.4 8.0 12.0#



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

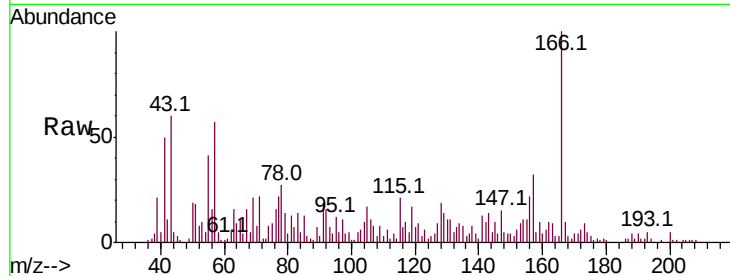




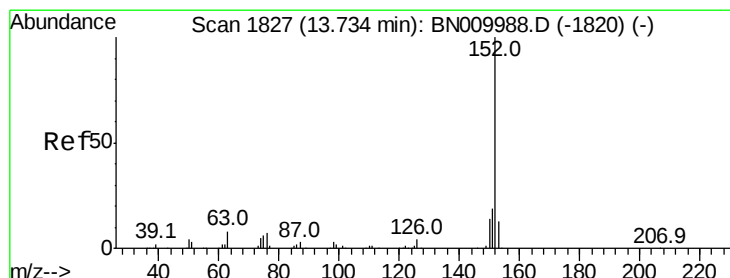
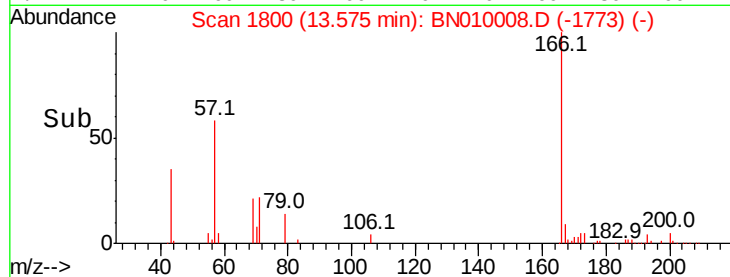
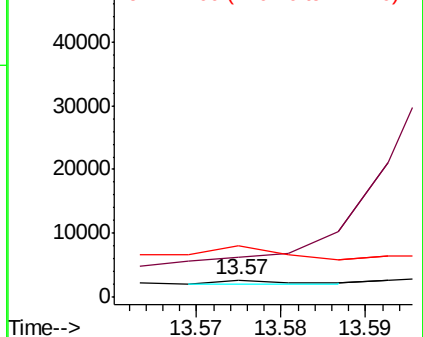
#46
2,6-Dinitrotoluene
Concen: 38.818 ng/ul
RT: 13.57 min Scan# 1800
Delta R.T. -0.04 min
Lab File: BN010008.D
Acq: 29 Feb 2020 05:07

Instrument :
BNA_N
ClientSampled :

Tot Ion:165 Resp: 430
Ion Ratio Lower Upper
165 100
89 231.8 54.1 81.1#
121 296.4 18.1 27.1#

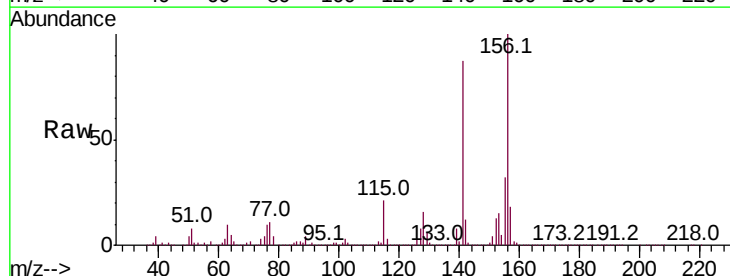


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BNO
Ion 121.00 (120.70 to 121.70): E

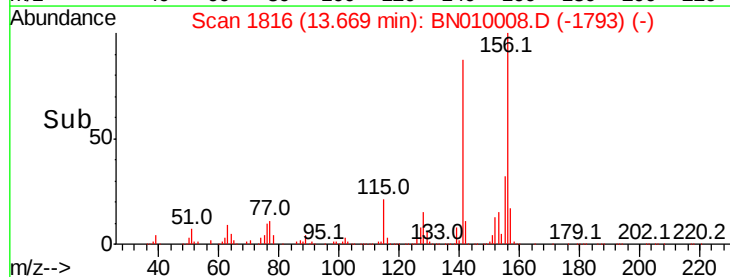
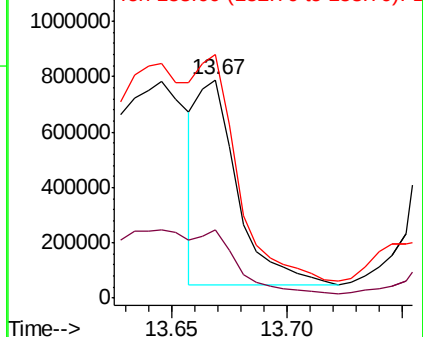


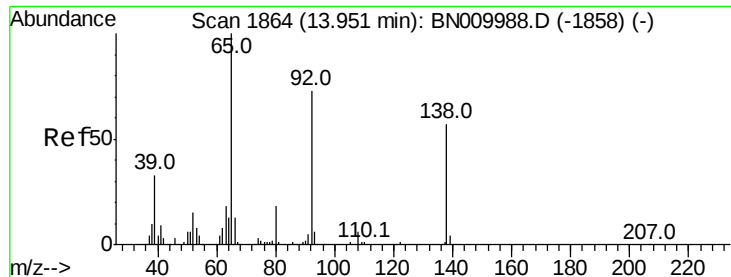
#48
Acenaphthylene
Concen: 12767.538 ng/ul
RT: 13.67 min Scan# 1816
Delta R.T. -0.06 min
Lab File: BN010008.D
Acq: 29 Feb 2020 05:07

Tgt Ion:152 Resp: 882580
Ion Ratio Lower Upper
152 100
151 31.0 15.7 23.5#
153 111.5 10.3 15.5#



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





#49

3-Nitroaniline

Concen: 70.598 ng/ul

RT: 13.91 min Scan# 1857

Delta R.T. -0.04 min

Lab File: BN010008.D

Acq: 29 Feb 2020 05:07

Instrument :

BNA_N

ClientSampleId :

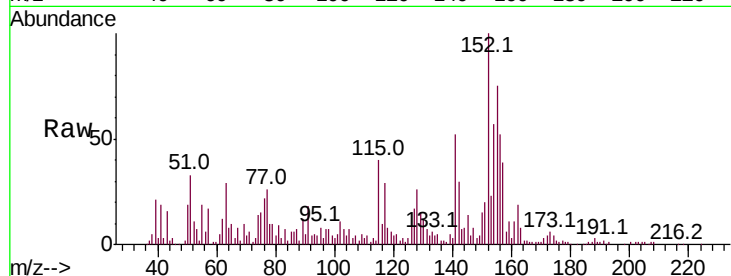
Tot Ion:138 Resp: 722

Ion Ratio Lower Upper

138 100

108 144.6 8.9 13.3#

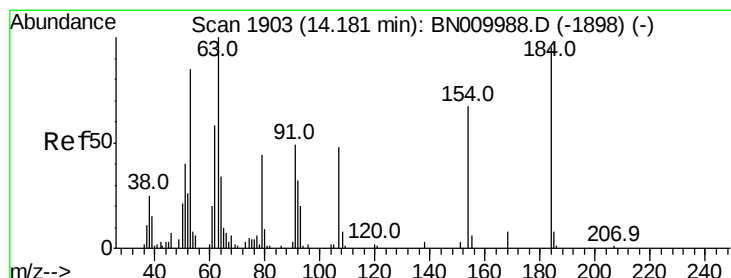
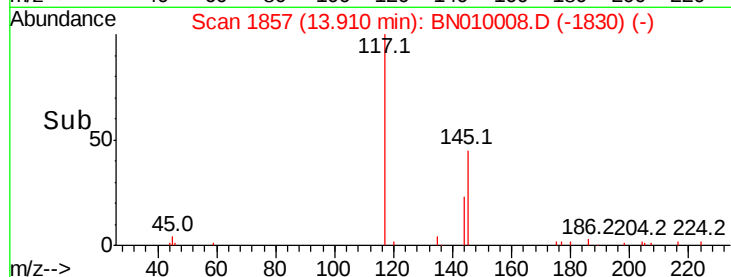
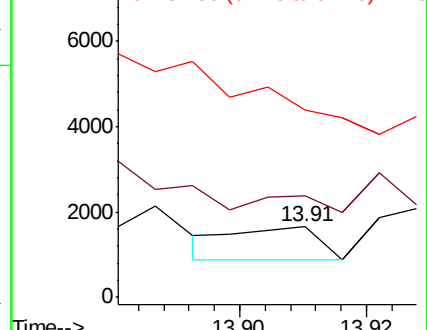
92 267.5 99.2 148.8#



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): BNO



#51

2,4-Dinitrophenol

Concen: 80.667 ng/ul

RT: 14.15 min Scan# 1898

Delta R.T. -0.03 min

Lab File: BN010008.D

Acq: 29 Feb 2020 05:07

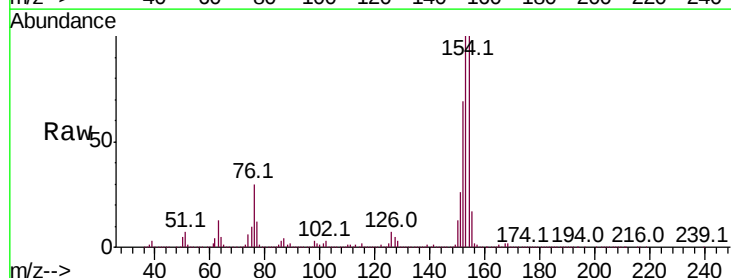
Tgt Ion:184 Resp: 513

Ion Ratio Lower Upper

184 100

63 134760.5 83.0 124.6#

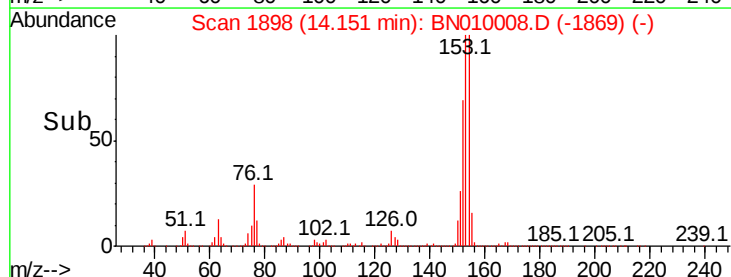
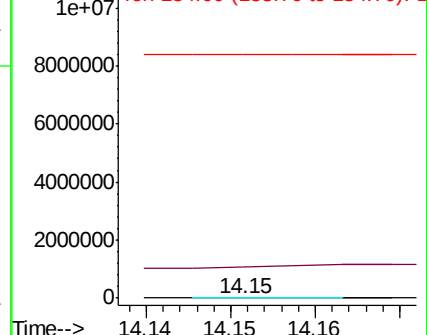
154 1049824.3 54.9 82.3#

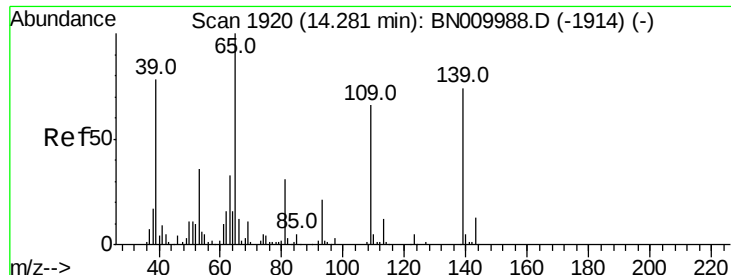


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 53.824 ng/ul

RT: 14.07 min Scan# 1884

Delta R.T. -0.21 min

Lab File: BN010008.D

Acq: 29 Feb 2020 05:07

Instrument :

BNA_N

ClientSampled :

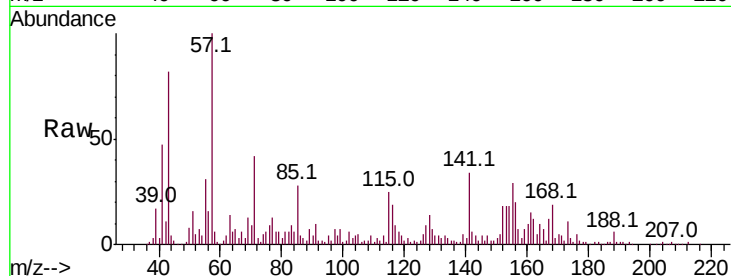
Tot Ion:109 Resp: 481

Ion Ratio Lower Upper

109 100

139 126.3 96.3 144.5

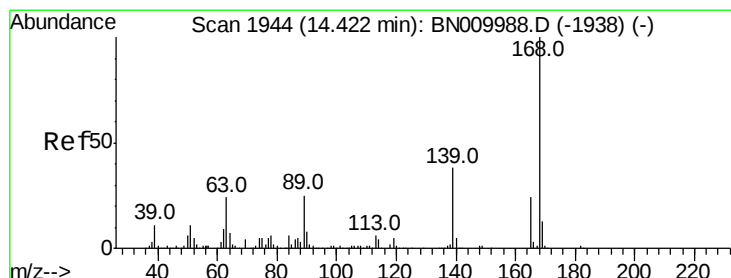
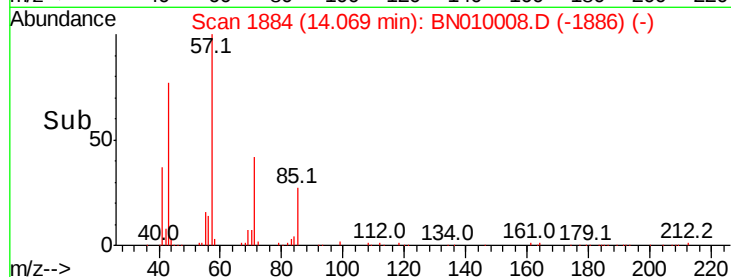
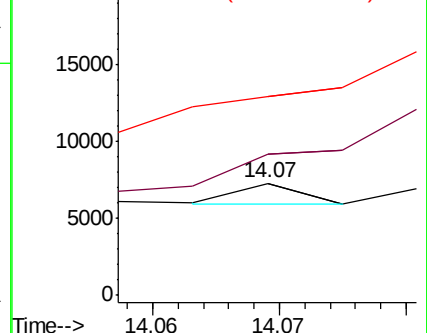
65 176.8 129.9 194.9



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



#54

Dibenzofuran

Concen: 45369.728 ng/ul

RT: 14.52 min Scan# 1960

Delta R.T. 0.09 min

Lab File: BN010008.D

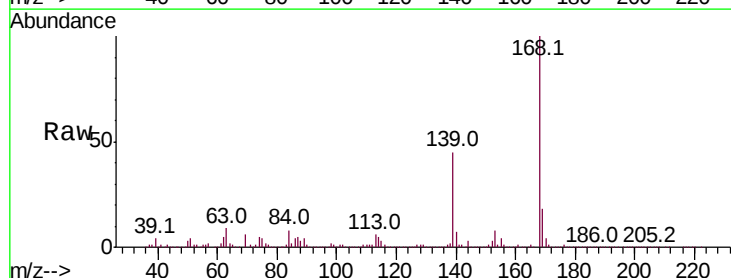
Acq: 29 Feb 2020 05:07

Tgt Ion:168 Resp: 3017710

Ion Ratio Lower Upper

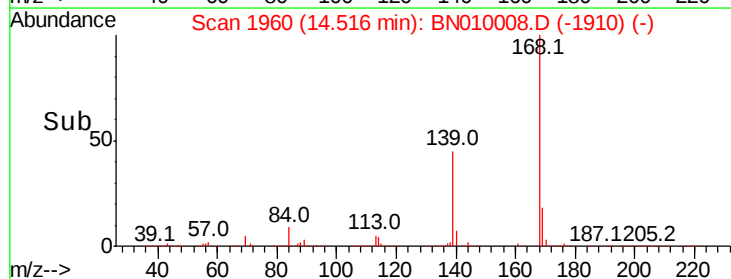
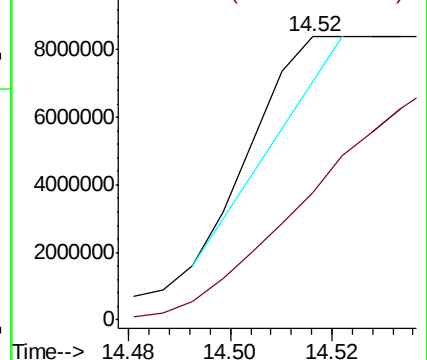
168 100

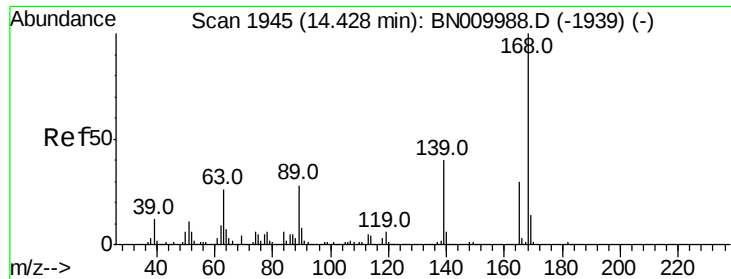
139 45.0 32.7 49.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

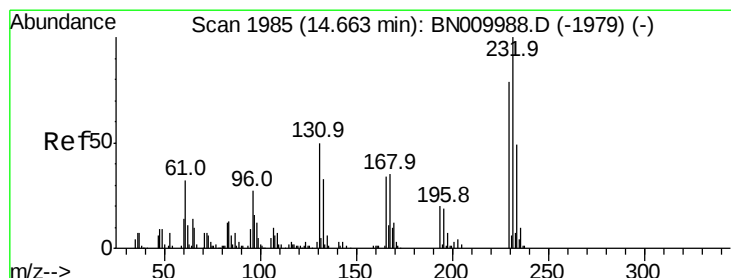
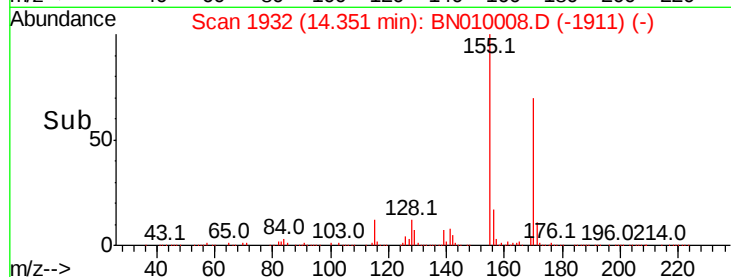
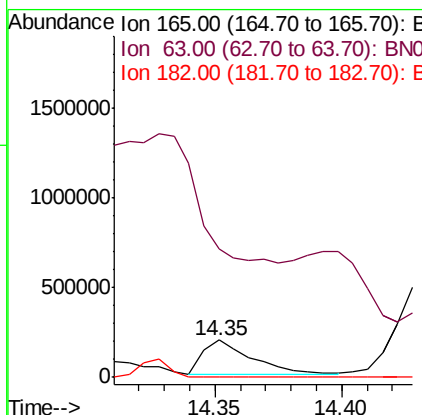
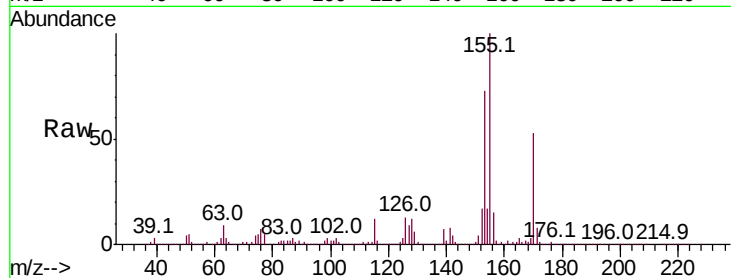




#55
 2,4-Dinitrotoluene
 Concen: 15924.077 ng/ul
 RT: 14.35 min Scan# 1932
 Delta R.T. -0.08 min
 Lab File: BN010008.D
 Acq: 29 Feb 2020 05:07

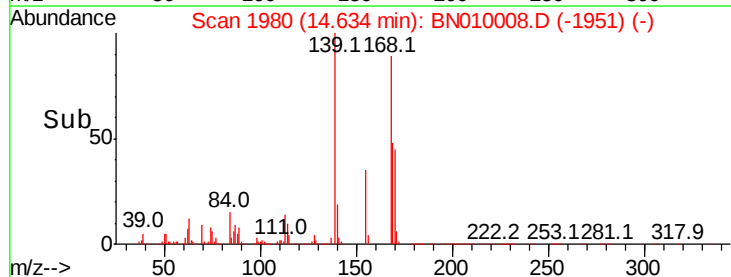
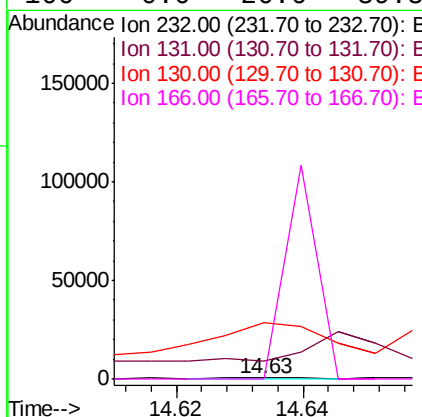
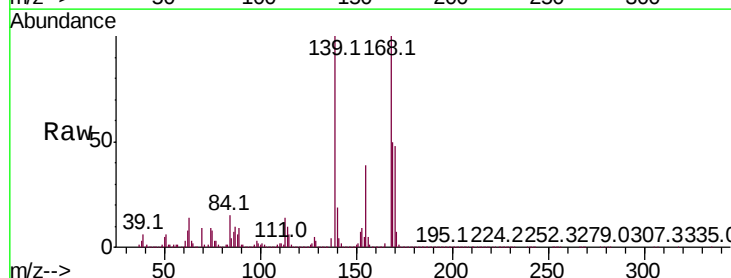
Instrument :
 BNA_N
 ClientSampleId :

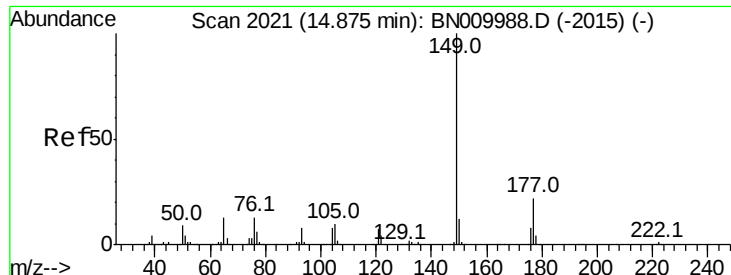
Tot Ion:165 Resp: 261429
 Ion Ratio Lower Upper
 165 100
 63 345.7 68.3 102.5#
 182 1.4 2.2 3.4#



#56
 2,3,4,6-Tetrachlorophenol
 Concen: 52.153 ng/ul
 RT: 14.63 min Scan# 1980
 Delta R.T. -0.03 min
 Lab File: BN010008.D
 Acq: 29 Feb 2020 05:07

Tgt Ion:232 Resp: 657
 Ion Ratio Lower Upper
 232 100
 131 1476.5 40.6 60.8#
 130 4569.8 2.2 3.4#
 166 0.0 26.6 39.8#

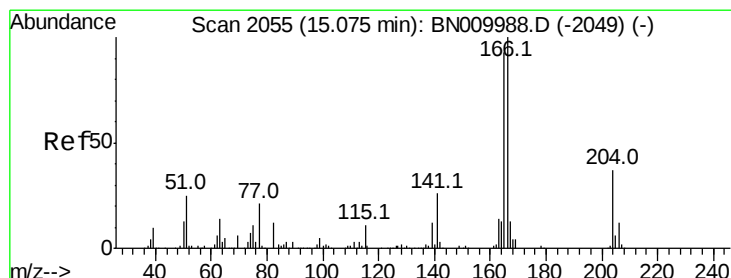
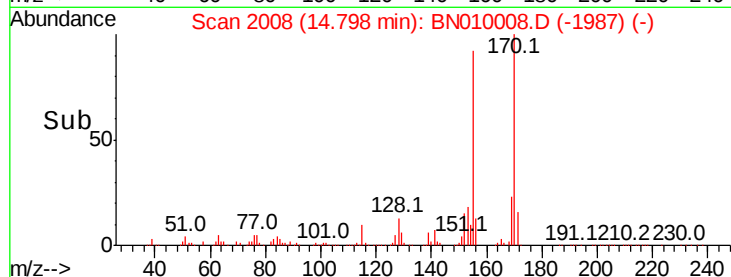
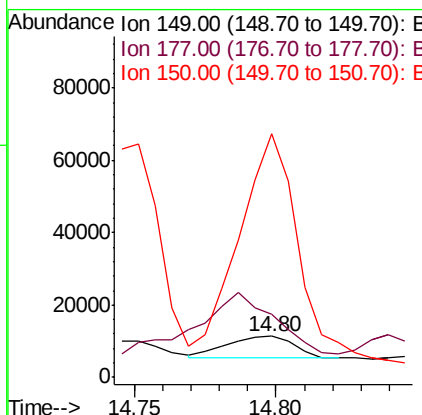
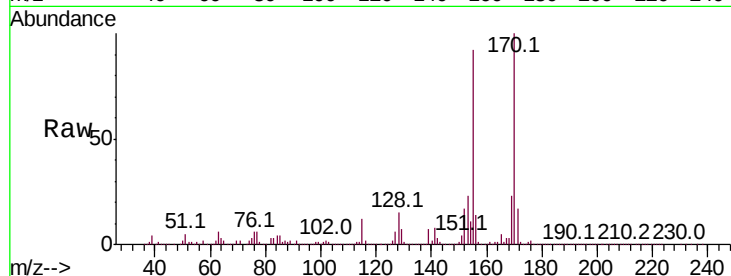




#57
Diethylphthalate
Concen: 161.731 ng/ul
RT: 14.80 min Scan# 2008
Delta R.T. -0.08 min
Lab File: BN010008.D
Acq: 29 Feb 2020 05:07

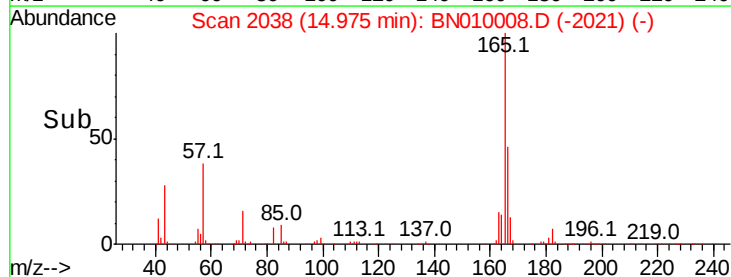
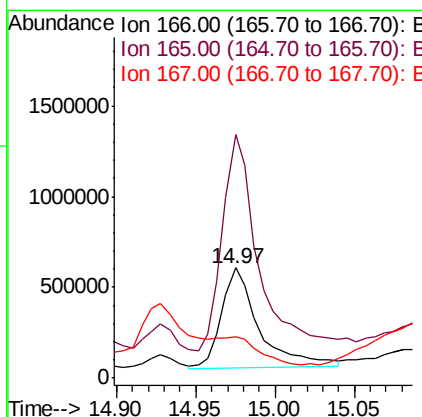
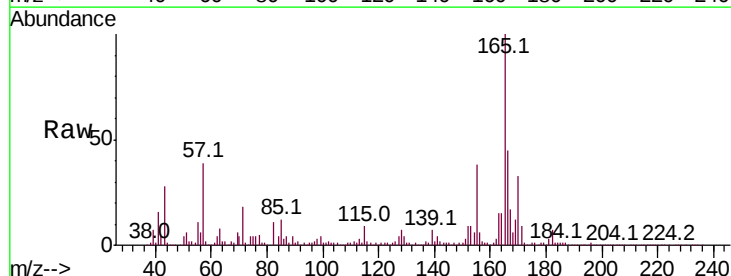
Instrument :
BNA_N
ClientSampled :

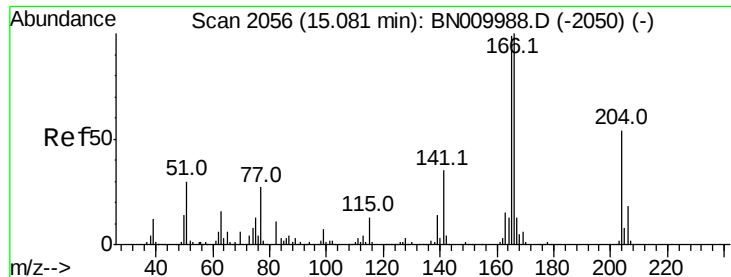
Tot Ion:149 Resp: 9397
Ion Ratio Lower Upper
149 100
177 154.4 17.8 26.6#
150 597.2 9.8 14.6#



#59
Fluorene
Concen: 16419.791 ng/ul
RT: 14.97 min Scan# 2038
Delta R.T. -0.10 min
Lab File: BN010008.D
Acq: 29 Feb 2020 05:07

Tgt Ion:166 Resp: 916558
Ion Ratio Lower Upper
166 100
165 221.4 79.8 119.8#
167 37.6 10.7 16.1#

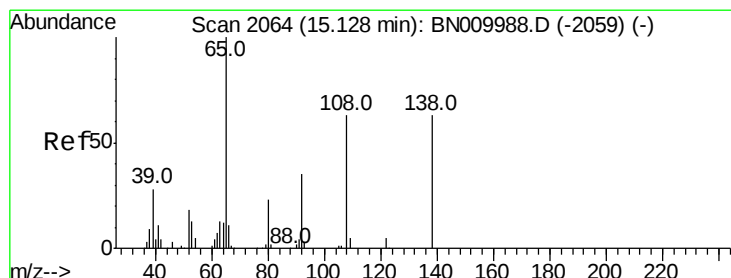
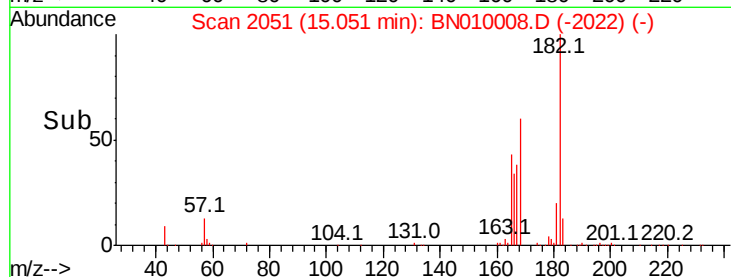
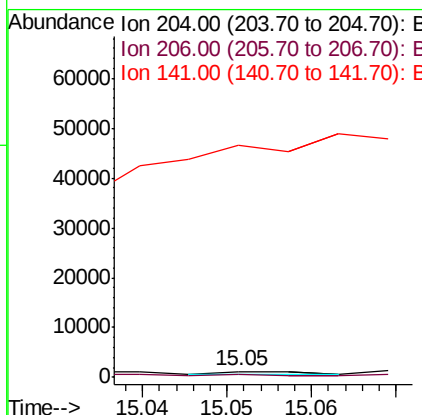
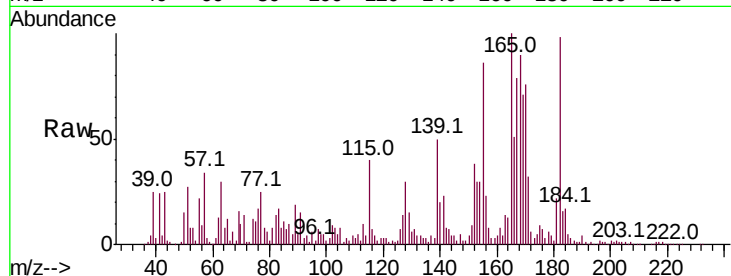




#60
4-Chlorophenyl-phenylether
Concen: 10.716 ng/ul
RT: 15.05 min Scan# 2051
Delta R.T. -0.03 min
Lab File: BN010008.D
Acq: 29 Feb 2020 05:07

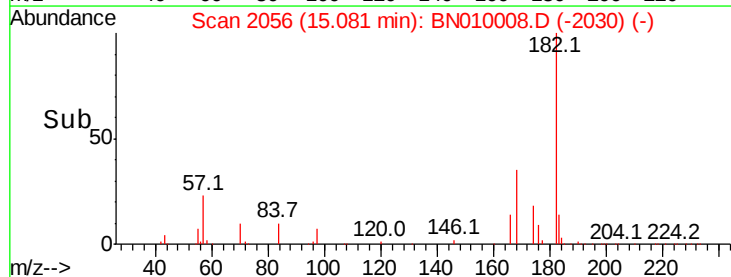
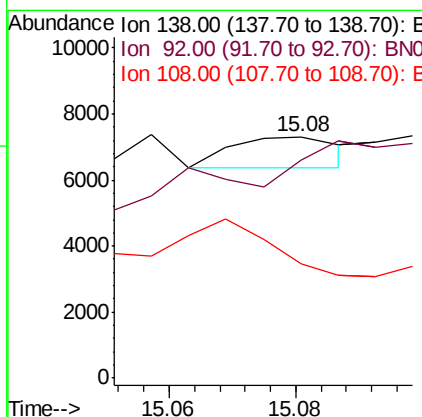
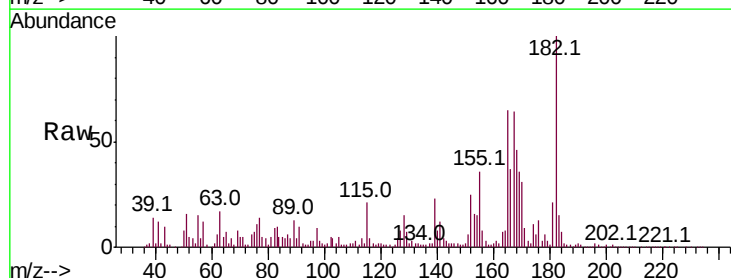
Instrument :
BNA_N
ClientSampled :

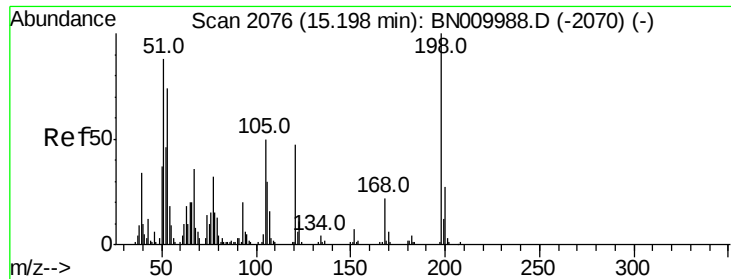
Tot Ion:204 Resp: 295
Ion Ratio Lower Upper
204 100
206 63.3 26.5 39.7#
141 4089.0 48.8 73.2#



#61
4-Nitroaniline
Concen: 87.882 ng/ul
RT: 15.08 min Scan# 2056
Delta R.T. -0.05 min
Lab File: BN010008.D
Acq: 29 Feb 2020 05:07

Tgt Ion:138 Resp: 1096
Ion Ratio Lower Upper
138 100
92 90.4 47.8 71.6#
108 47.1 72.3 108.5#





#64

4,6-Dinitro-2-methylphenol

Concen: 233.094 ng/ul

RT: 15.19 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BN010008.D

Acq: 29 Feb 2020 05:07

Instrument :

BNA_N

ClientSampleId :

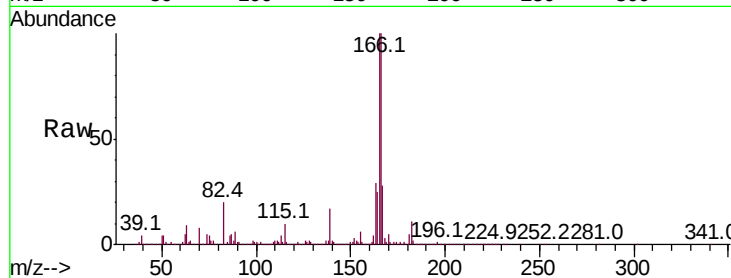
Tot Ion:198 Resp: 847

Ion Ratio Lower Upper

198 100

182 41180.7 3.7 5.5#

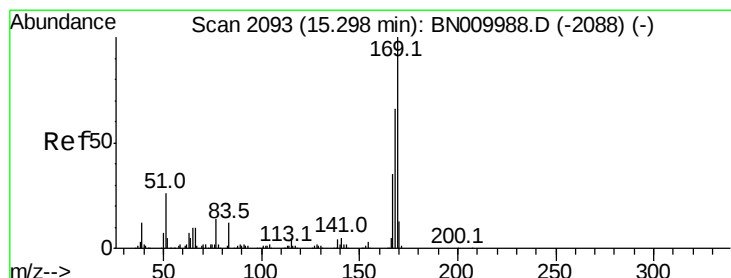
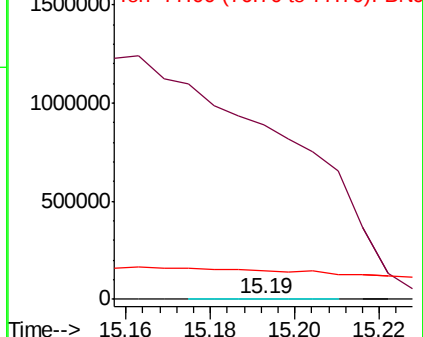
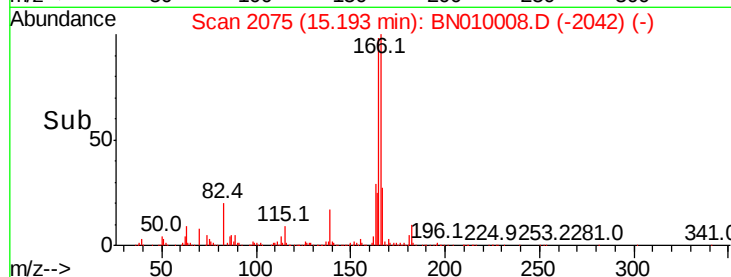
77 6899.6 25.1 37.7#



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): BNC



#65

N-Nitrosodiphenylamine

Concen: 28916.453 ng/ul

RT: 15.32 min Scan# 2096

Delta R.T. 0.02 min

Lab File: BN010008.D

Acq: 29 Feb 2020 05:07

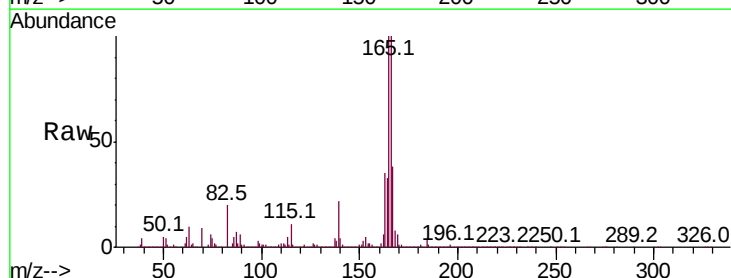
Tgt Ion:169 Resp: 465876

Ion Ratio Lower Upper

169 100

168 120.4 51.8 77.6#

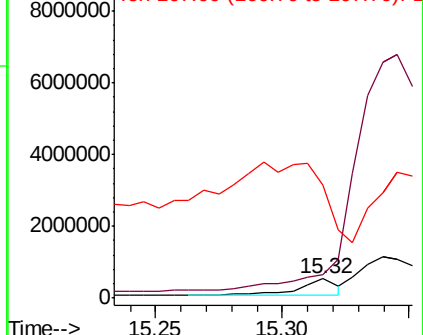
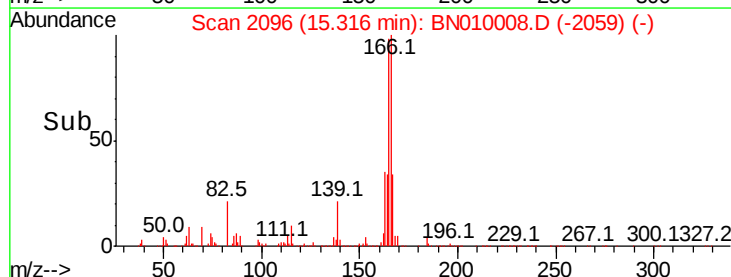
167 586.2 27.7 41.5#

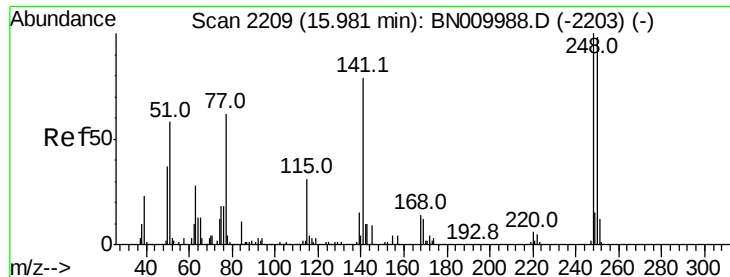


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

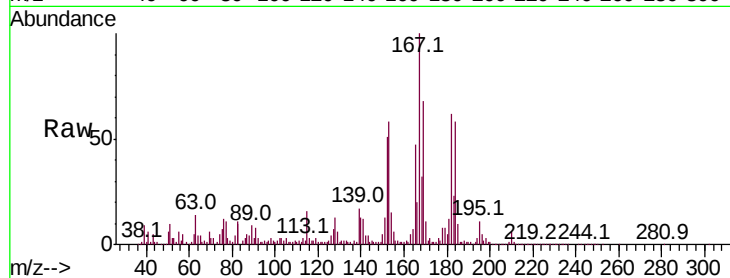




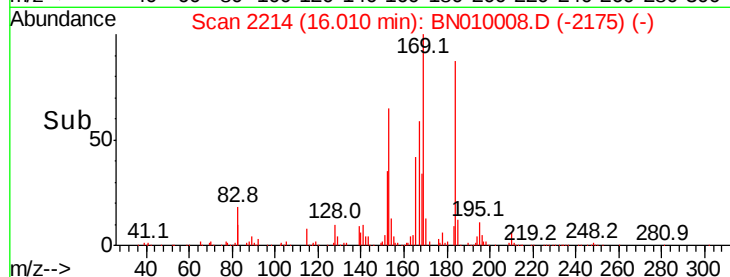
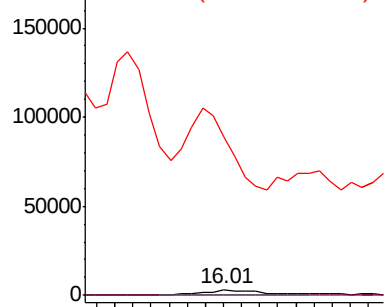
#66
4-Bromophenyl-phenylether
Concen: 1375.752 ng/ul
RT: 16.01 min Scan# 2214
Delta R.T. 0.03 min
Lab File: BN010008.D
Acq: 29 Feb 2020 05:07

Instrument :
BNA_N
ClientSampleId :

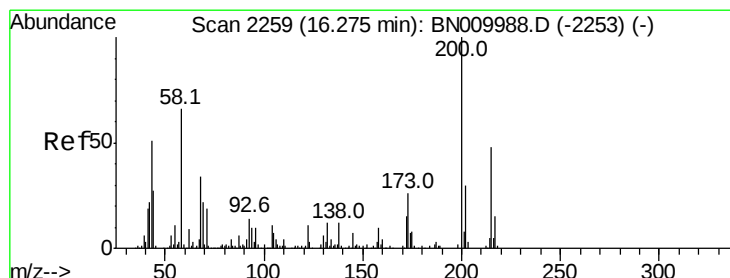
Tot Ion:248 Resp: 7475
Ion Ratio Lower Upper
248 100
250 15.1 81.4 122.0#
141 2831.2 66.9 100.3#



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

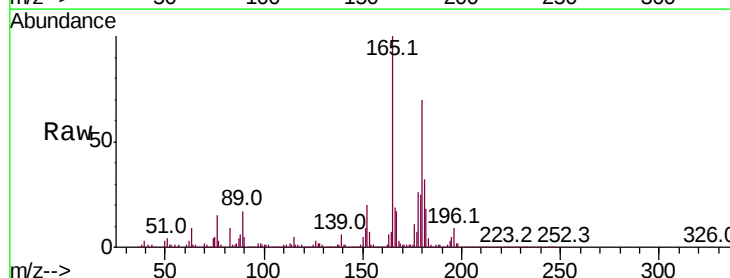


Time-->

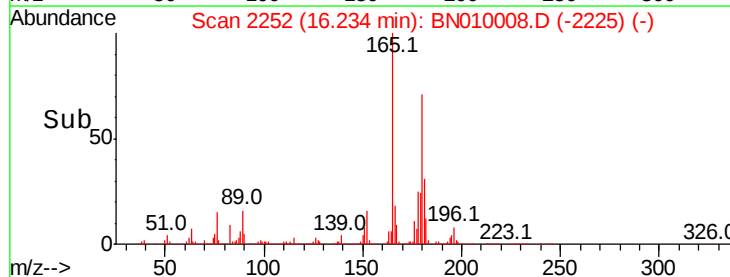
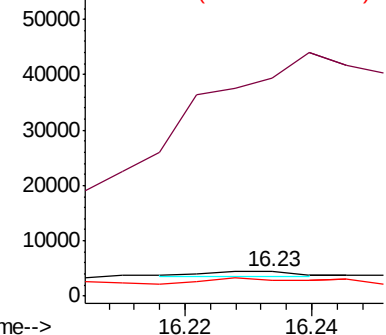


#68
Atrazine
Concen: 122.388 ng/ul
RT: 16.23 min Scan# 2252
Delta R.T. -0.04 min
Lab File: BN010008.D
Acq: 29 Feb 2020 05:07

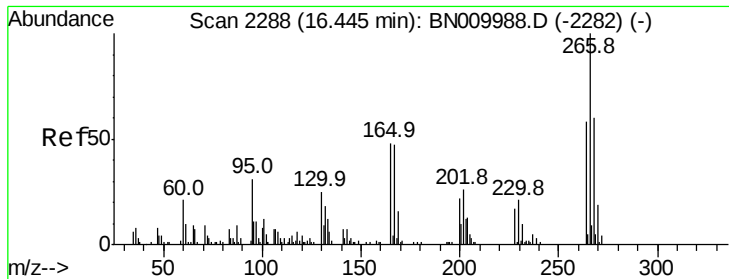
Tgt Ion:200 Resp: 748
Ion Ratio Lower Upper
200 100
173 889.3 22.1 33.1#
215 62.7 41.6 62.4#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



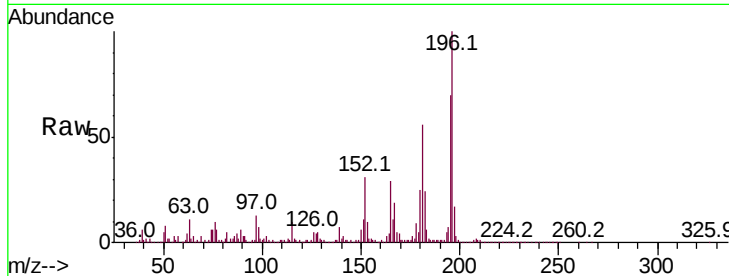
Time-->



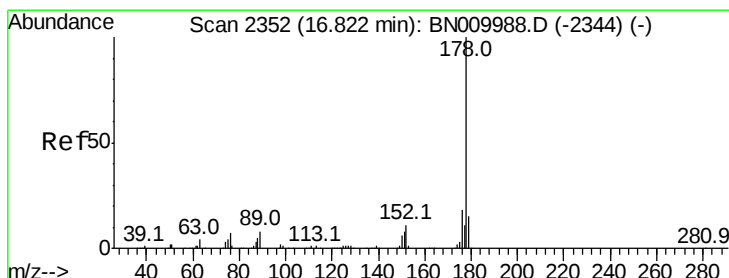
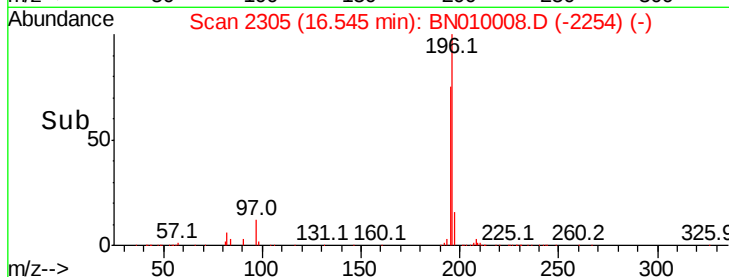
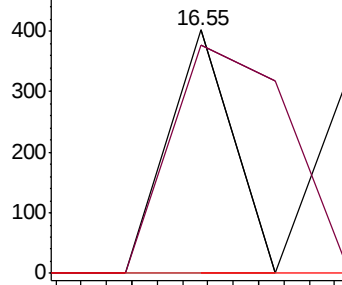
#69
 Pentachlorophenol
 Concen: 40.870 ng/ul
 RT: 16.55 min Scan# 2305
 Delta R.T. 0.10 min
 Lab File: BN010008.D
 Acq: 29 Feb 2020 05:07

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
264	94.0	52.9	79.3#
268	0.0	52.5	78.7#

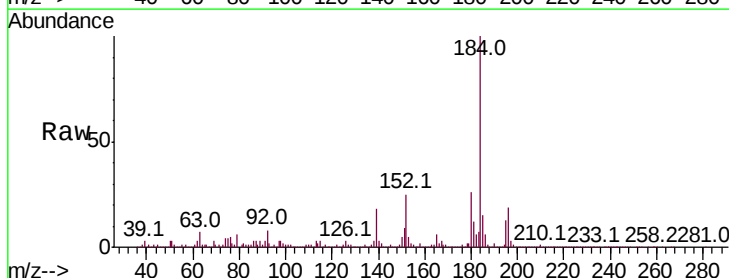


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

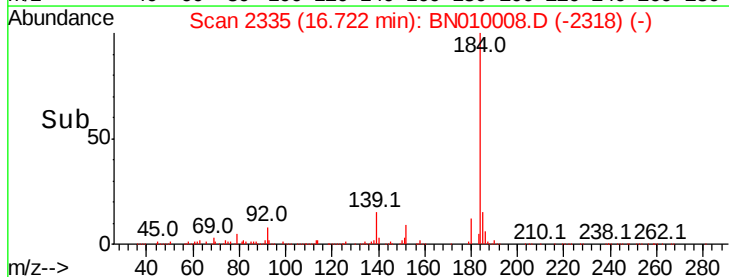
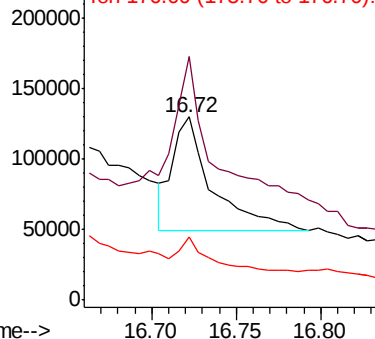


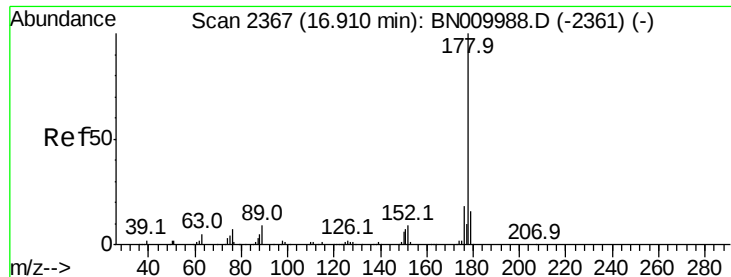
#70
 Phenanthrene
 Concen: 4250.658 ng/ul
 RT: 16.72 min Scan# 2335
 Delta R.T. -0.10 min
 Lab File: BN010008.D
 Acq: 29 Feb 2020 05:07

Tgt Ion	Ratio	Lower	Upper
178	100		
179	133.1	12.5	18.7#
176	34.3	14.6	22.0#



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





#72

Anthracene

Concen: 4158.041 ng/ul

RT: 16.72 min Scan# 2335

Delta R.T. -0.19 min

Lab File: BN010008.D

Acq: 29 Feb 2020 05:07

Instrument :

BNA_N

ClientSampled :

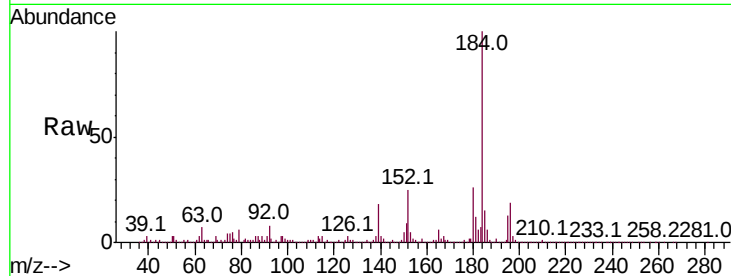
Tot Ion:178 Resp: 131724

Ion Ratio Lower Upper

178 100

179 133.1 12.2 18.2#

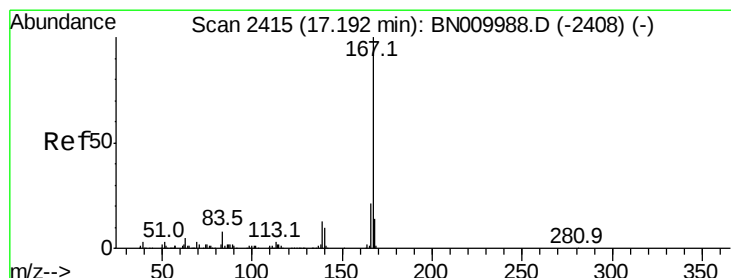
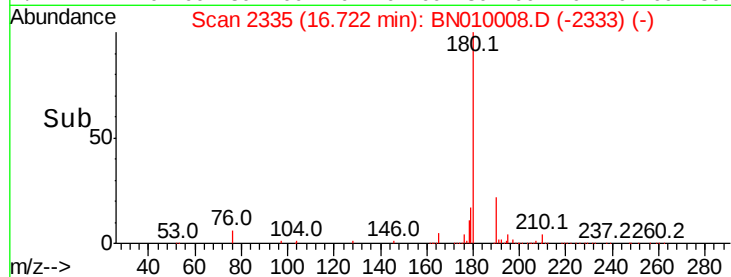
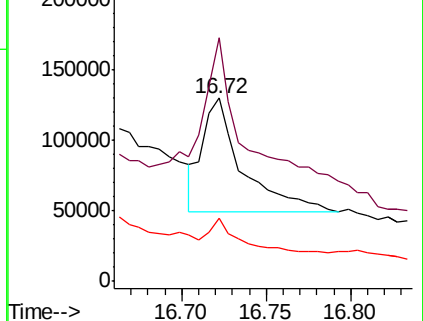
176 34.3 14.6 21.8#



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



#75

Carbazole

Concen: 1489.831 ng/ul

RT: 17.14 min Scan# 2406

Delta R.T. -0.05 min

Lab File: BN010008.D

Acq: 29 Feb 2020 05:07

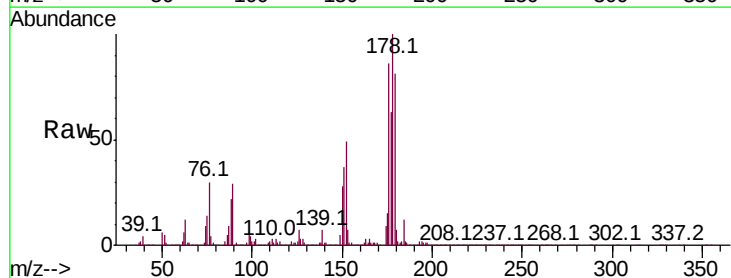
Tgt Ion:167 Resp: 41563

Ion Ratio Lower Upper

167 100

166 108.3 16.6 24.8#

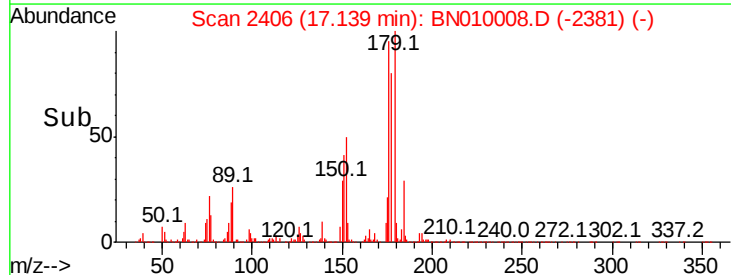
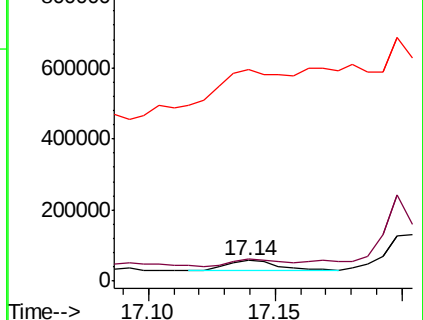
139 1016.8 9.9 14.9#

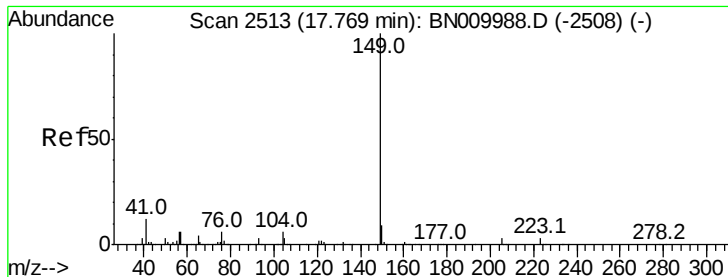


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

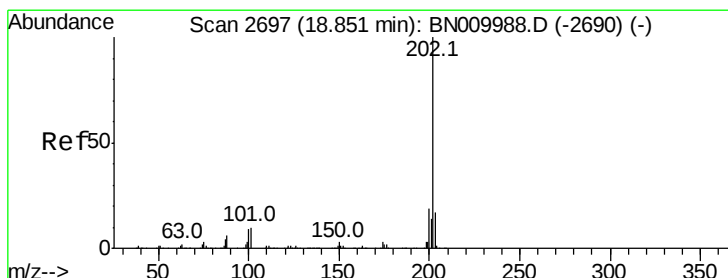
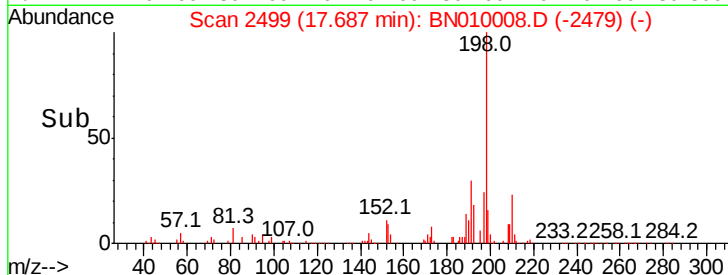
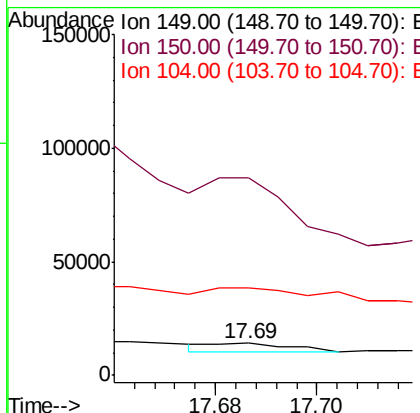
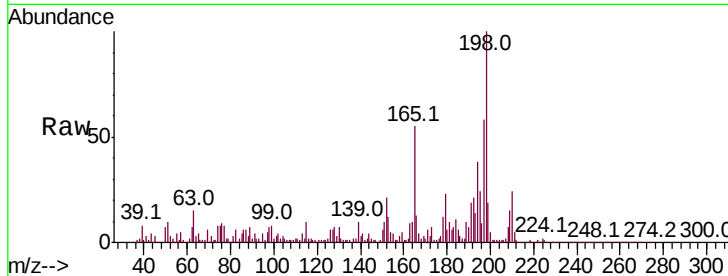




#76
Di-n-butylphthalate
Concen: 113.174 ng/ul
RT: 17.69 min Scan# 2499
Delta R.T. -0.08 min
Lab File: BN010008.D
Acq: 29 Feb 2020 05:07

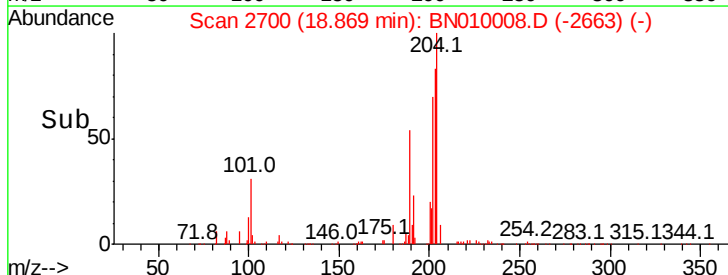
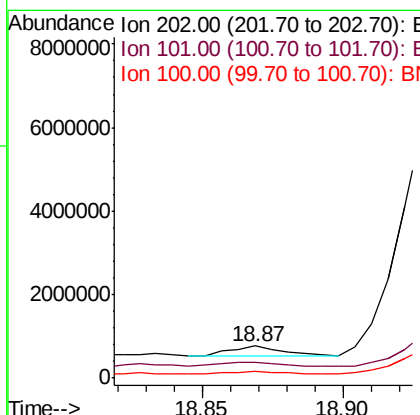
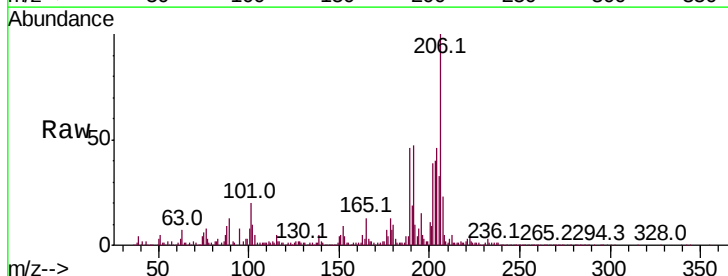
Instrument :
BNA_N
ClientSampleId :

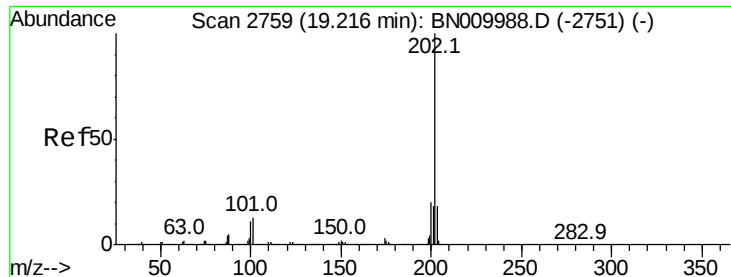
Tot Ion:149 Resp: 3897
Ion Ratio Lower Upper
149 100
150 617.4 7.0 10.6#
104 273.1 4.3 6.5#



#77
Fluoranthene
Concen: 8908.748 ng/ul
RT: 18.87 min Scan# 2700
Delta R.T. 0.02 min
Lab File: BN010008.D
Acq: 29 Feb 2020 05:07

Tgt Ion:202 Resp: 323382
Ion Ratio Lower Upper
202 100
101 51.4 9.4 14.2#
100 19.5 7.2 10.8#

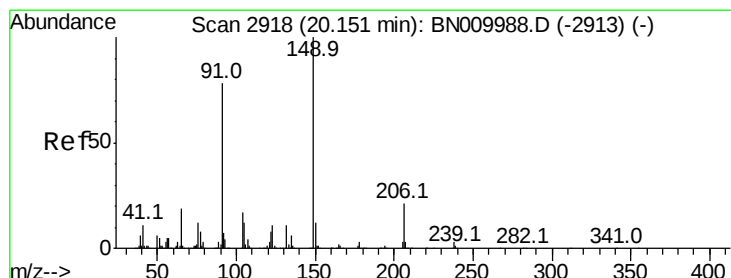
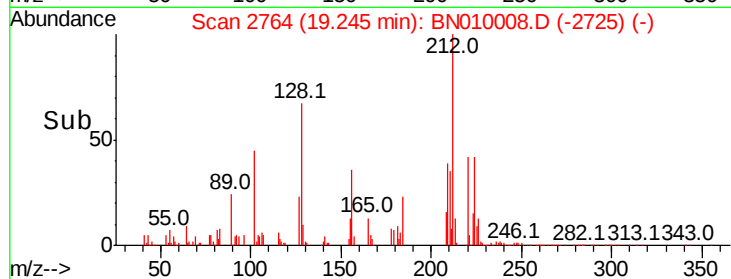
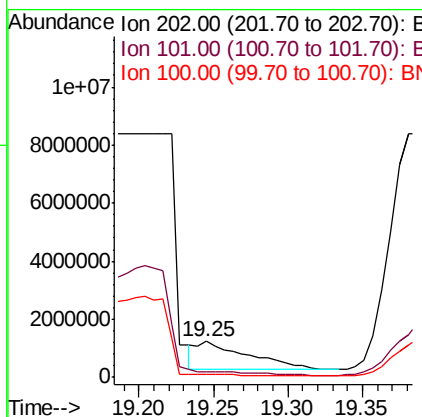
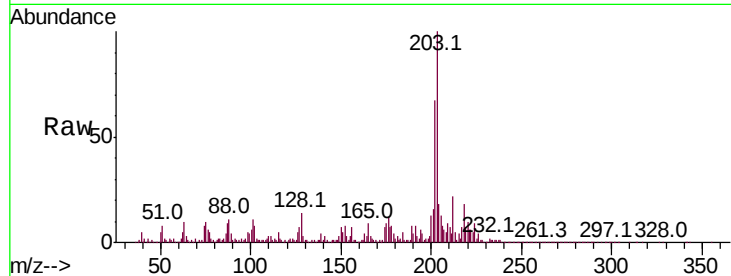




#80
Pvrene
Concen: 1223.791 ng/ul
RT: 19.25 min Scan# 2764
Delta R.T. 0.03 min
Lab File: BN010008.D
Acq: 29 Feb 2020 05:07

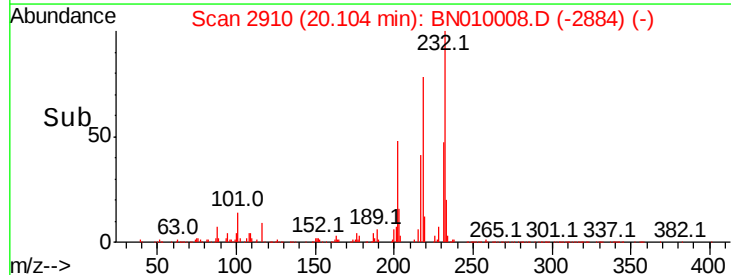
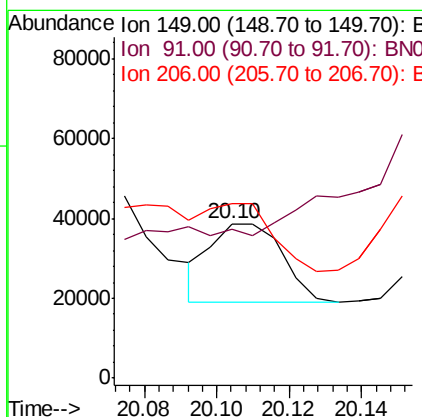
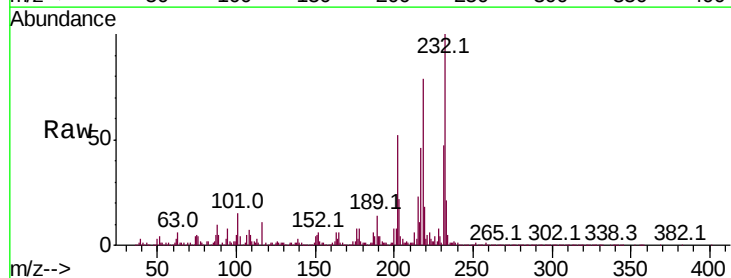
Instrument :
BNA_N
ClientSampleId :

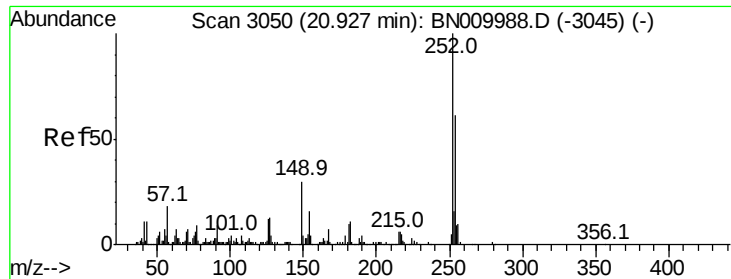
Tot Ion:202 Resp: 2399322
Ion Ratio Lower Upper
202 100
101 16.2 11.3 16.9
100 8.4 9.0 13.6#



#81
Butylbenzylphthalate
Concen: 33.154 ng/ul
RT: 20.10 min Scan# 2910
Delta R.T. -0.05 min
Lab File: BN010008.D
Acq: 29 Feb 2020 05:07

Tgt Ion:149 Resp: 26721
Ion Ratio Lower Upper
149 100
91 96.7 65.5 98.3
206 112.7 15.9 23.9#

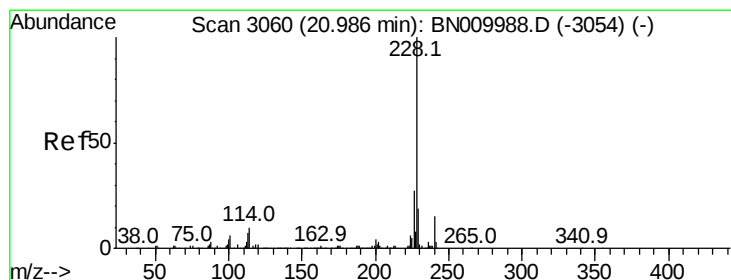
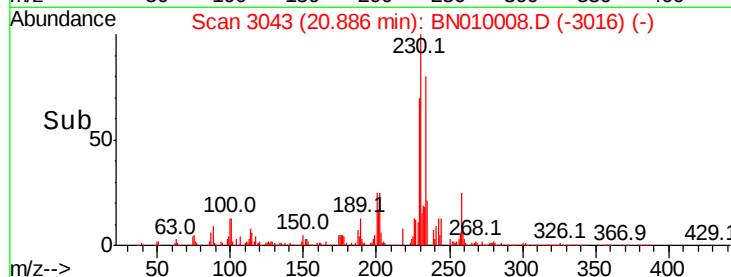
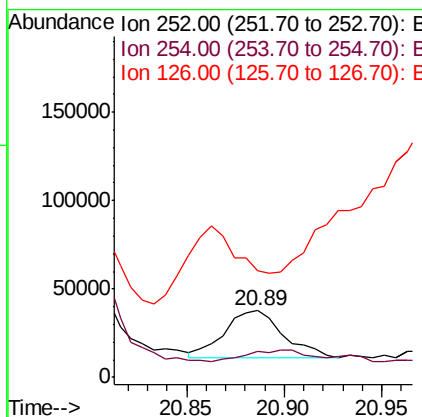
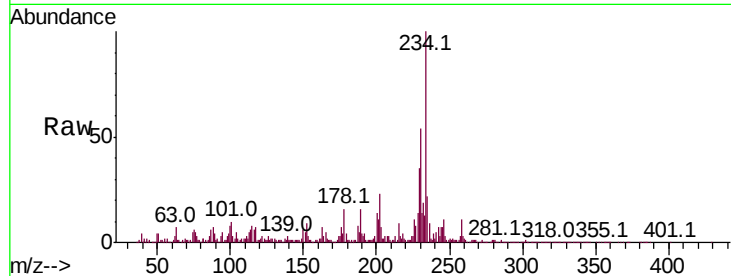




#82
 3,3'-Dichlorobenzidine
 Concen: 92.281 ng/ul
 RT: 20.89 min Scan# 3043
 Delta R.T. -0.04 min
 Lab File: BN010008.D
 Acq: 29 Feb 2020 05:07

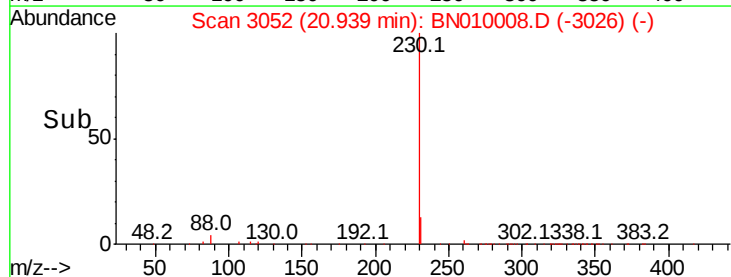
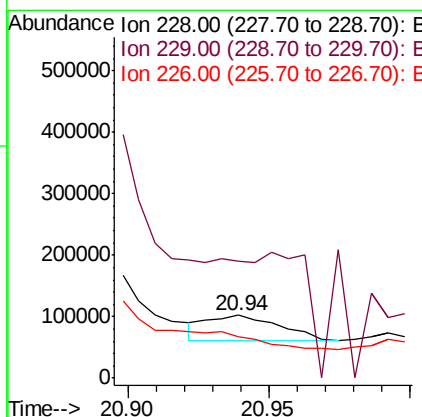
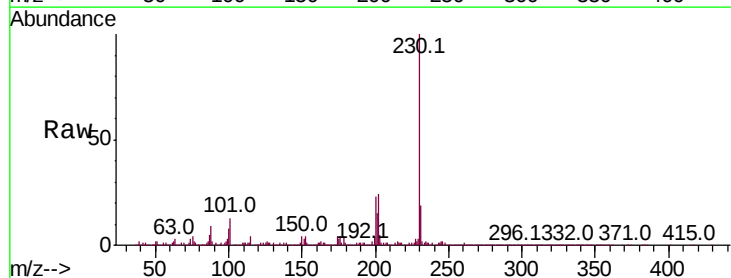
Instrument :
 BNA_N
 ClientSampleId :

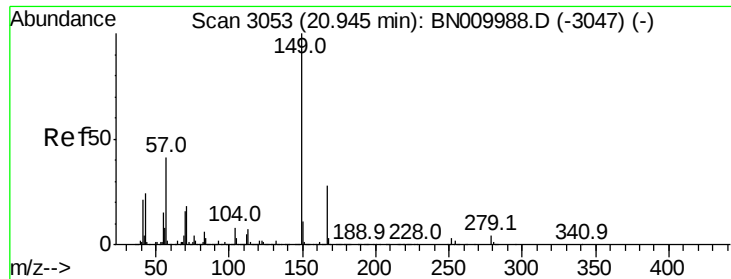
Tot Ion	Ratio	Lower	Upper
252	100		
254	38.2	49.3	73.9#
126	158.9	8.8	13.2#



#83
 Benzo(a)anthracene
 Concen: 39.637 ng/ul
 RT: 20.94 min Scan# 3052
 Delta R.T. -0.05 min
 Lab File: BN010008.D
 Acq: 29 Feb 2020 05:07

Tgt Ion	Ratio	Lower	Upper
228	100		
229	184.7	15.0	22.4#
226	65.9	21.4	32.2#





#84

Bis(2-ethylhexyl)phthalate

Concen: 1372.000 ng/ul

RT: 21.03 min Scan# 3067

Delta R.T. 0.08 min

Lab File: BN010008.D

Acq: 29 Feb 2020 05:07

Instrument :

BNA_N

ClientSampled :

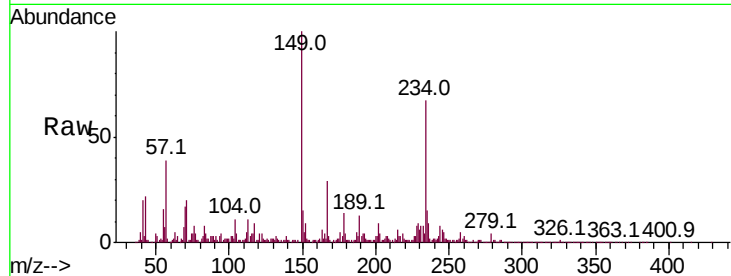
Tot Ion:149 Resp: 1688249

Ion Ratio Lower Upper

149 100

167 29.0 21.0 31.6

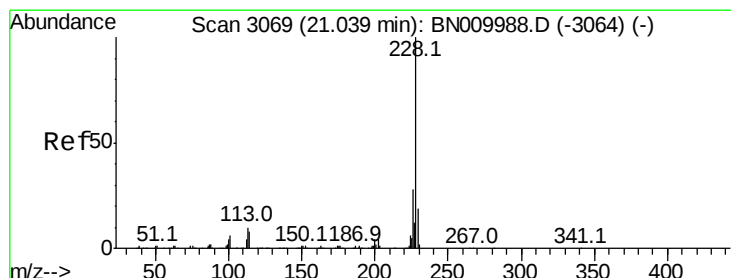
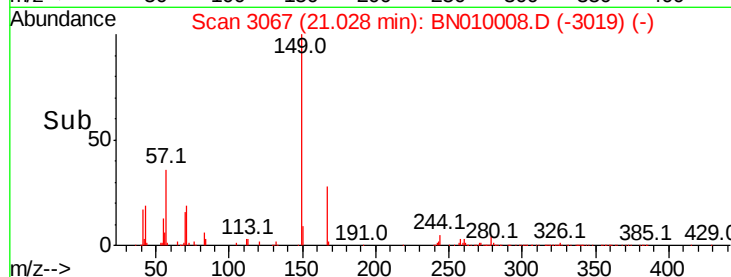
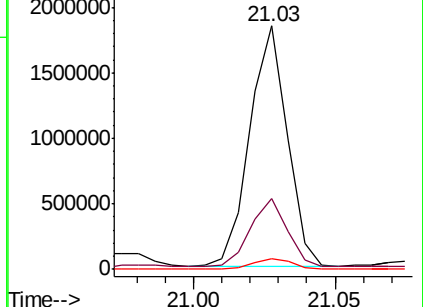
279 4.5 3.0 4.6



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



#85

Chrysene

Concen: 52.471 ng/ul

RT: 21.02 min Scan# 3066

Delta R.T. -0.02 min

Lab File: BN010008.D

Acq: 29 Feb 2020 05:07

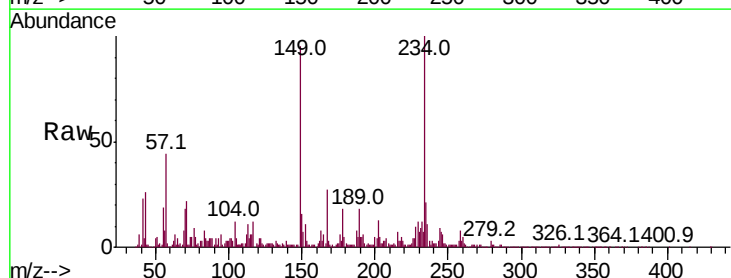
Tgt Ion:228 Resp: 96536

Ion Ratio Lower Upper

228 100

226 41.6 23.4 35.2#

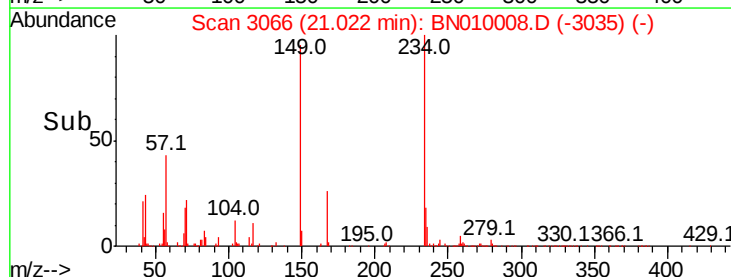
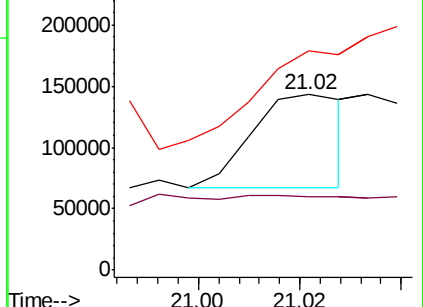
229 125.3 15.0 22.4#

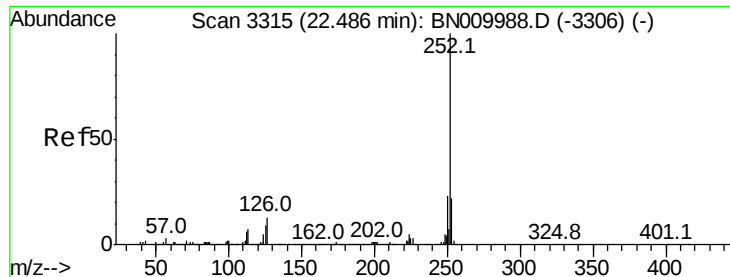


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 4.833 ng/ul

RT: 22.36 min Scan# 3293

Delta R.T. -0.13 min

Lab File: BN010008.D

Acq: 29 Feb 2020 05:07

Instrument :

BNA_N

ClientSampleId :

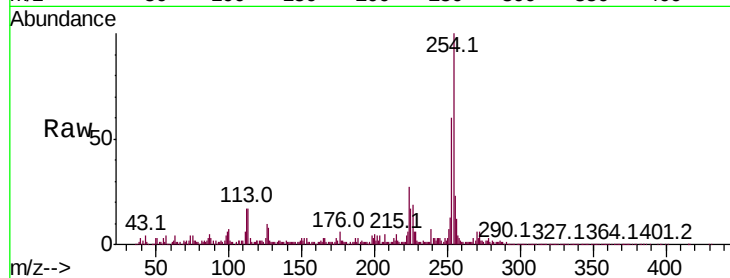
Tot Ion:252 Resp: 225692

Ion Ratio Lower Upper

252 100

253 471.0 17.0 25.4#

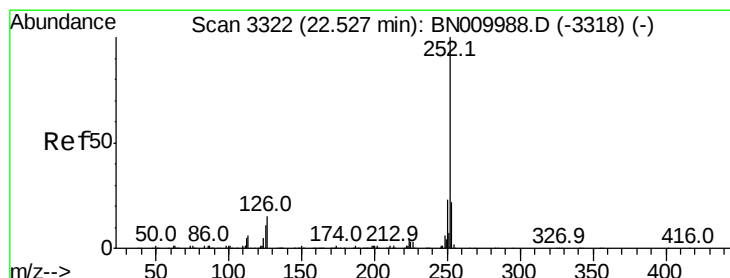
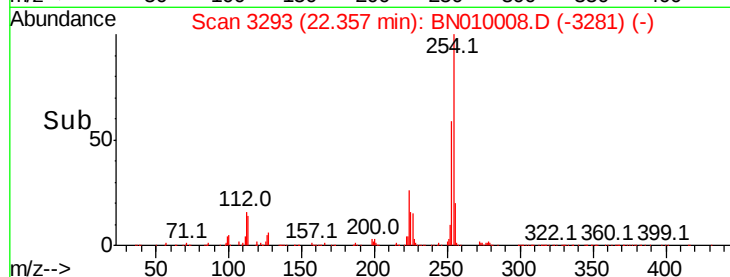
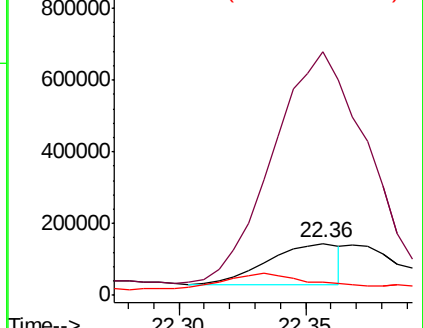
125 25.2 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 4.326 ng/ul

RT: 22.36 min Scan# 3293

Delta R.T. -0.17 min

Lab File: BN010008.D

Acq: 29 Feb 2020 05:07

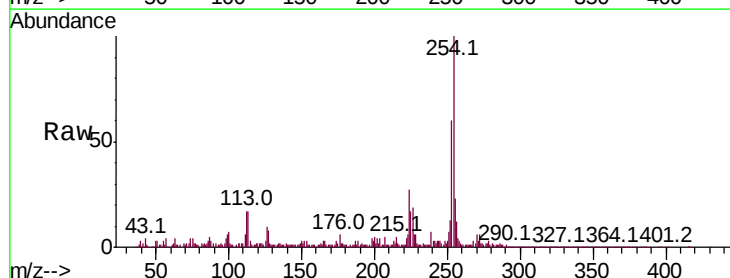
Tgt Ion:252 Resp: 191270

Ion Ratio Lower Upper

252 100

253 471.0 18.0 27.0#

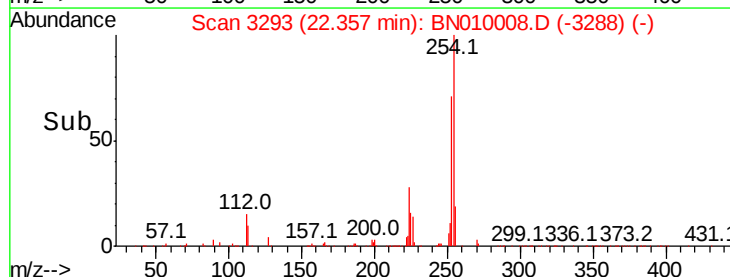
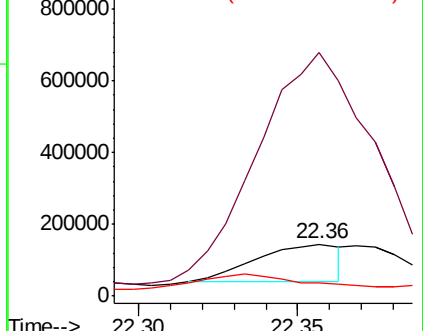
125 25.2 8.2 12.2#

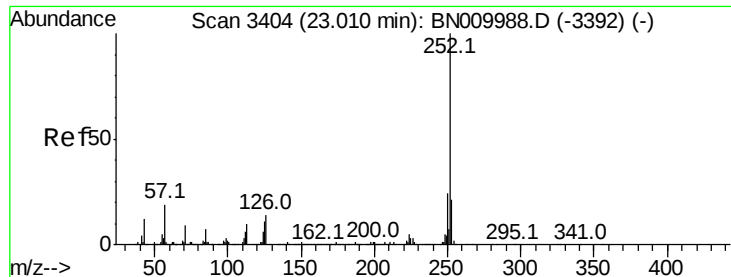


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

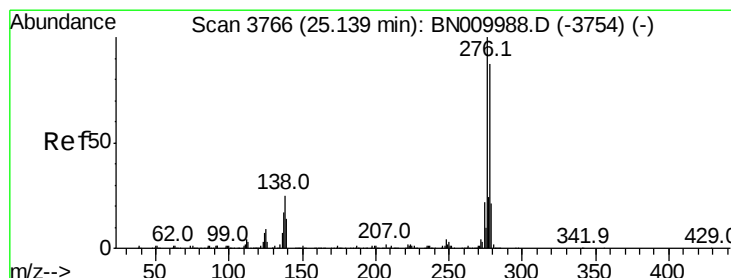
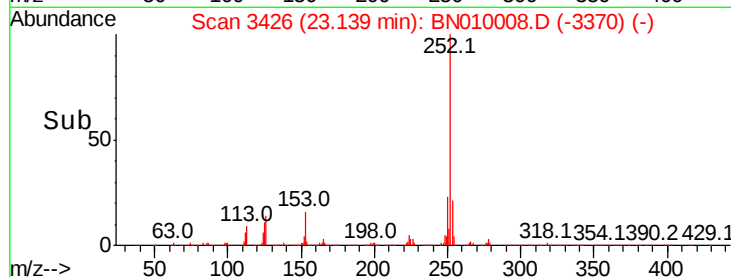
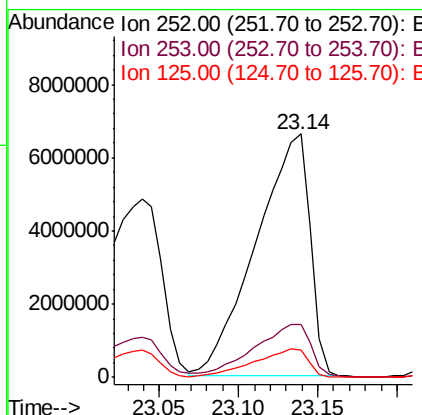
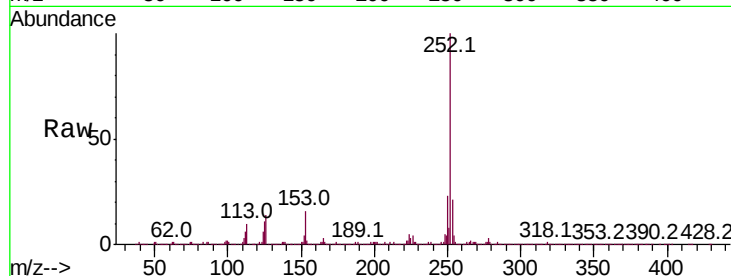




#91
Benzo(a)pyrene
Concen: 371.202 ng/ul
RT: 23.14 min Scan# 3426
Delta R.T. 0.13 min
Lab File: BN010008.D
Acq: 29 Feb 2020 05:07

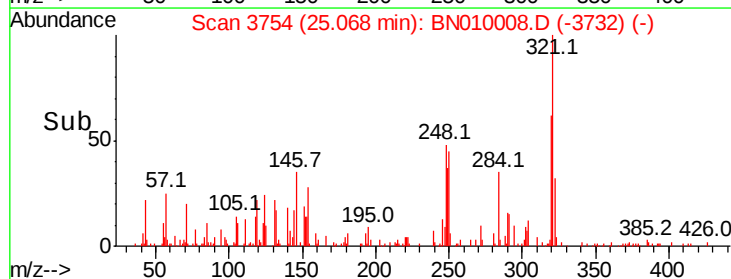
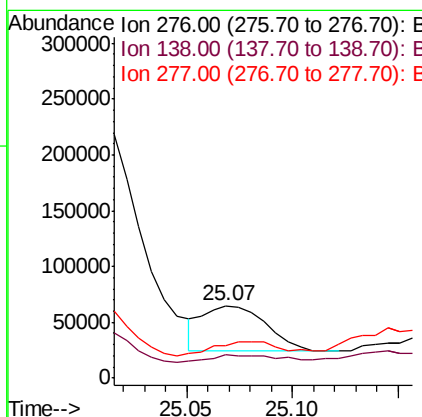
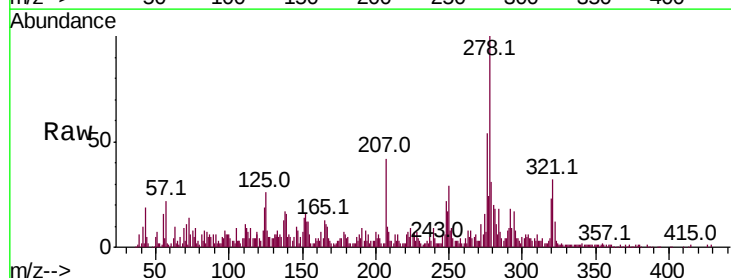
Instrument :
BNA_N
ClientSampleId :

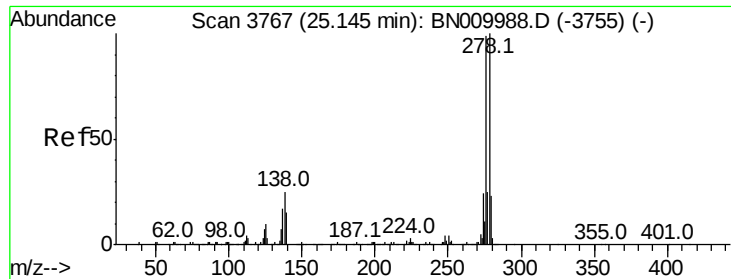
Tot Ion:252 Resp:15590912
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 11.4 9.0 13.6



#92
Indeno(1,2,3-cd)pyrene
Concen: 1.680 ng/ul
RT: 25.07 min Scan# 3754
Delta R.T. -0.07 min
Lab File: BN010008.D
Acq: 29 Feb 2020 05:07

Tgt Ion:276 Resp: 83757
Ion Ratio Lower Upper
276 100
138 32.0 20.9 31.3#
277 44.4 18.2 27.4#





#93

Dibenzo(a,h)anthracene

Concen: 9.467 ng/ul

RT: 25.06 min Scan# 3752

Delta R.T. -0.09 min

Lab File: BN010008.D

Acq: 29 Feb 2020 05:07

Instrument :

BNA_N

ClientSampleId :

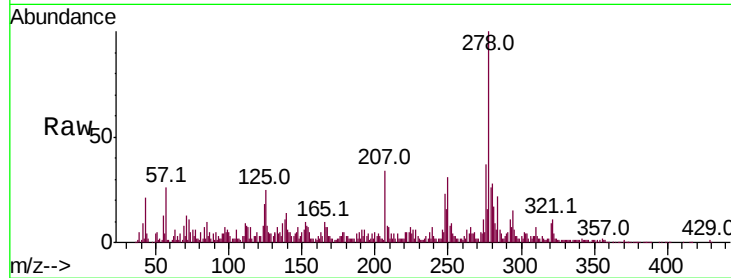
Tot Ion:278 Resp: 403854

Ion Ratio Lower Upper

278 100

139 13.6 13.0 19.4

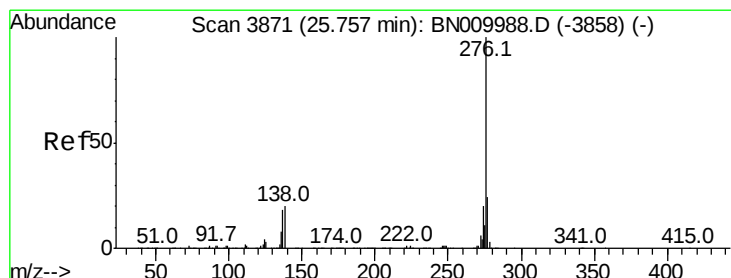
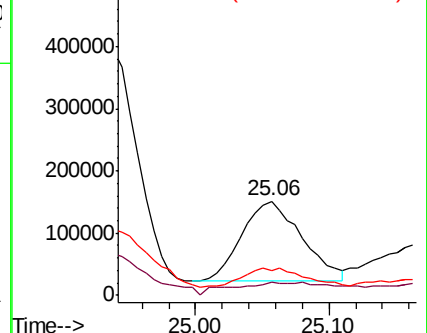
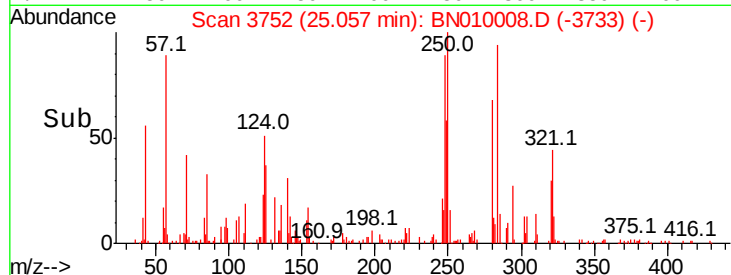
279 26.4 17.5 26.3#



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



#94

Benzo(g,h,i)perylene

Concen: 73.044 ng/ul

RT: 25.87 min Scan# 3890

Delta R.T. 0.11 min

Lab File: BN010008.D

Acq: 29 Feb 2020 05:07

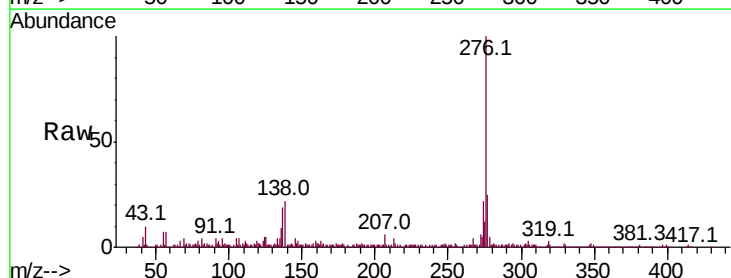
Tgt Ion:276 Resp: 3054158

Ion Ratio Lower Upper

276 100

138 22.3 17.5 26.3

277 25.4 18.1 27.1



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

