

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
 Data File : BN004388.D
 Acq On : 13 Feb 2019 12:20
 Operator : JU/SJ
 Sample : MDL-W-03
 Misc : 1PPM/4PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-03

Quant Time: Feb 13 14:47:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 09 05:34:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	26809	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	125535	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	79926	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	197084	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	263945	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	306870	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	3090	6.93	ng/uL	0.00
5) Phenol-d5	6.90	99	59362	24.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	32563	27.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	53726	27.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	52167	25.40	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	24555	29.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	25702	29.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	53225	27.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	74093	34.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	199216	29.39	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	237863	29.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	31837	24.54	ng/ul	0.00
58) Fluorene-d10	15.38	176	174452	29.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	26835	23.35	ng/ul	0.00
71) Anthracene-d10	17.23	188	285158	30.19	ng/ul	0.00
79) Pyrene-d10	19.53	212	347121	29.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	425076	26.39	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.29	88	851	1.551	ng/uL# 76
4) Benzaldehyde	6.90	77	3653	2.663	ng/ul 95
6) Phenol	6.93	94	8746	3.666	ng/ul 97
8) Bis(2-Chloroethyl)ether	7.18	93	6459	3.785	ng/ul 93
10) 2-Chlorophenol	7.30	128	7469	3.872	ng/ul 98
11) 2-Methylphenol	8.18	108	6092	3.193	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.27	45	7814	3.863	ng/ul# 96
14) Acetophenone	8.57	105	10985	3.589	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.55	70	4272	3.254	ng/ul# 96
16) 4-Methylphenol	8.50	108	7200	3.409	ng/ul 98
17) Hexachloroethane	8.82	117	2601	3.851	ng/ul 91
20) Nitrobenzene	8.95	77	7743	4.259	ng/ul 97
21) Isophorone	9.46	82	12463	3.346	ng/ul 99
23) 2-Nitrophenol	9.65	139	3876	3.983	ng/ul 98
24) 2,4-Dimethylphenol	9.70	107	8476	3.862	ng/ul 96
25) Bis(2-Chloroethoxy)methane	9.95	93	8886	3.677	ng/ul 98
27) 2,4-Dichlorophenol	10.18	162	7717	3.974	ng/ul 94
28) Naphthalene	10.58	128	27981	4.323	ng/ul 100
30) 4-Chloroaniline	10.70	127	8250	3.789	ng/ul 98
31) Hexachlorobutadiene	10.85	225	5437	4.331	ng/ul 98
32) Caprolactam	11.48	113	1179	1.798	ng/ul 99
33) 4-Chloro-3-methylphenol	11.81	107	6959	3.323	ng/ul 96
34) 2-Methylnaphthalene	12.20	142	20748	4.179	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	20299	4.146	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	11442	4.300	ng/ul	97
38) Hexachlorocyclopentadiene	12.53	237	5993	3.623	ng/ul	98
39) 2,4,6-Trichlorophenol	12.80	196	5092	3.239	ng/ul	97
40) 2,4,5-Trichlorophenol	12.87	196	6012	3.404	ng/ul	97
41) 1,1'-Biphenyl	13.22	154	27585	4.271	ng/ul	98
42) 2-Chloronaphthalene	13.26	162	20907	4.162	ng/ul	97
43) 2-Nitroaniline	13.47	65	2952	2.879	ng/ul	97
45) Dimethylphthalate	13.84	163	27761	4.143	ng/ul	99
46) 2,6-Dinitrotoluene	13.97	165	3573	3.024	ng/ul	94
48) Acenaphthylene	14.11	152	32489	4.261	ng/ul	100
49) 3-Nitroaniline	14.30	138	2885	2.393	ng/ul#	96
50) Acenaphthene	14.45	153	23389	4.258	ng/ul	99
51) 2,4-Dinitrophenol	14.50	184	1642	2.234	ng/ul	99
53) 4-Nitrophenol	14.59	109	3616	3.748	ng/ul	97
54) Dibenzofuran	14.79	168	34224	4.307	ng/ul	99
55) 2,4-Dinitrotoluene	14.75	165	6272	3.384	ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	15.00	232	5649	3.506	ng/ul#	99
57) Diethylphthalate	15.21	149	24481	3.702	ng/ul	99
59) Fluorene	15.43	166	27847	4.325	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	14743	4.327	ng/ul	97
61) 4-Nitroaniline	15.46	138	3797	2.420	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.51	198	4226	3.498	ng/ul#	86
65) N-Nitrosodiphenylamine	15.65	169	22941	4.065	ng/ul	99
66) 4-Bromophenyl-phenylether	16.33	248	9126	4.144	ng/ul	100
67) Hexachlorobenzene	16.43	284	10908	4.229	ng/ul	97
68) Atrazine	16.60	200	6716	3.089	ng/ul	99
69) Pentachlorophenol	16.77	266	3938	2.619	ng/ul	97
70) Phenanthrene	17.17	178	46936	4.292	ng/ul	98
72) Anthracene	17.27	178	47520	4.316	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	11824	4.374	ng/uL	99
74) Pentachlorobenzene	14.70	250	12655	4.380	ng/uL	98
75) Carbazole	17.54	167	38291	3.893	ng/ul	99
76) Di-n-butylphthalate	18.10	149	31837	2.948	ng/ul	99
77) Fluoranthene	19.20	202	53955	4.008	ng/ul	98
80) Pvrene	19.56	202	62069	4.252	ng/ul	99
81) Butylbenzylphthalate	20.47	149	12659	2.524	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.26	252	12345	2.230	ng/ul	100
83) Benzo(a)anthracene	21.32	228	65965	4.055	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.24	149	18808	2.502	ng/ul	99
85) Chrysene	21.37	228	65710	4.255	ng/ul	98
87) Di-n-octyl phthalate	22.13	149	34629	2.357	ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	72412	3.984	ng/ul	99
89) Benzo(k)fluoranthene	22.96	252	70574	3.995	ng/ul	99
91) Benzo(a)pyrene	23.50	252	73856	4.165	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.90	276	91031	4.043	ng/ul	98
93) Dibenzo(a,h)anthracene	25.91	278	76619	4.090	ng/ul	99
94) Benzo(a,h,i)perylene	26.60	276	77336	4.098	ng/ul	99

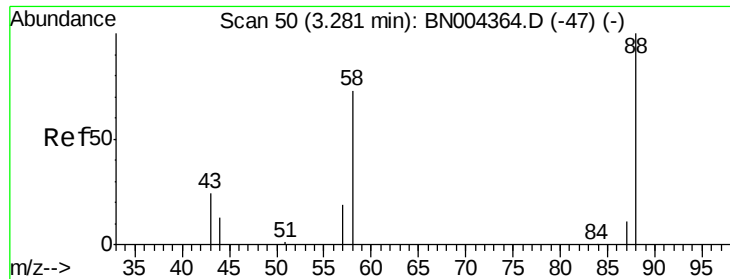
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

1,4-Dioxane

Concen: 1.551 ng/uL

RT: 3.29 min Scan# 51

Delta R.T. 0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

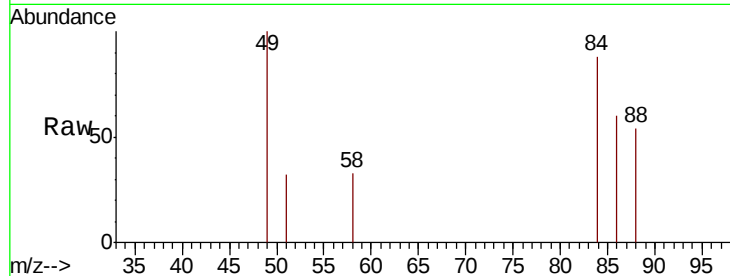
Tot Ion: 88 Resp: 851

Ion Ratio Lower Upper

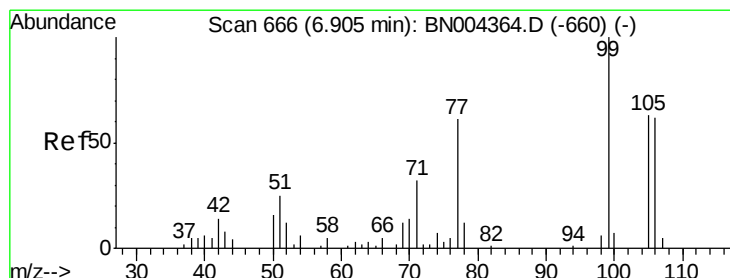
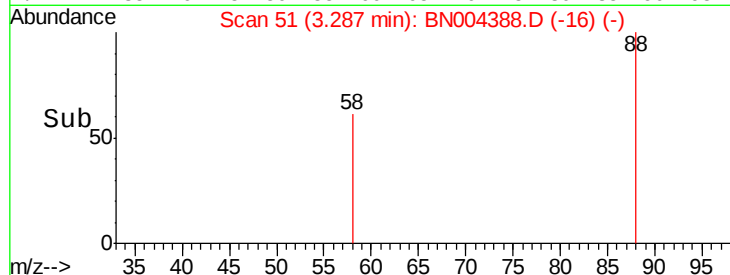
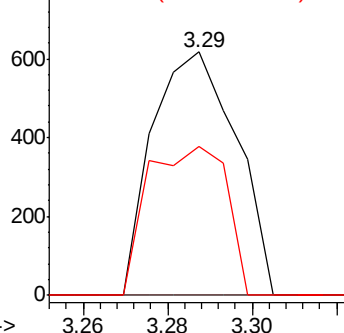
88 100

43 0.0 25.6 38.4#

58 61.3 54.6 82.0



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



#4

Benzaldehyde

Concen: 2.663 ng/uL

RT: 6.90 min Scan# 666

Delta R.T. 0.00 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

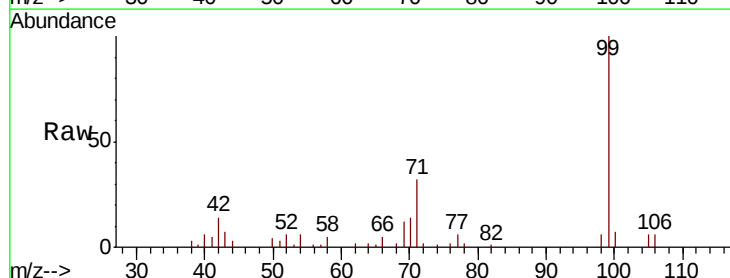
Tgt Ion: 77 Resp: 3653

Ion Ratio Lower Upper

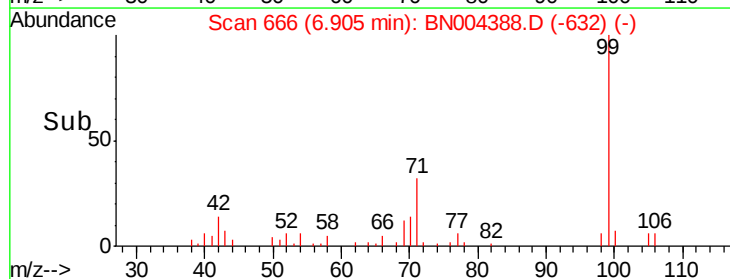
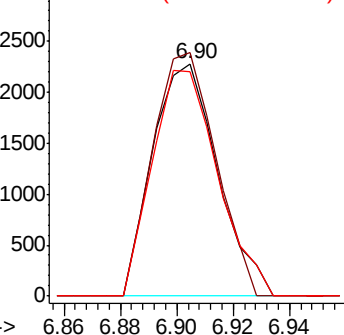
77 100

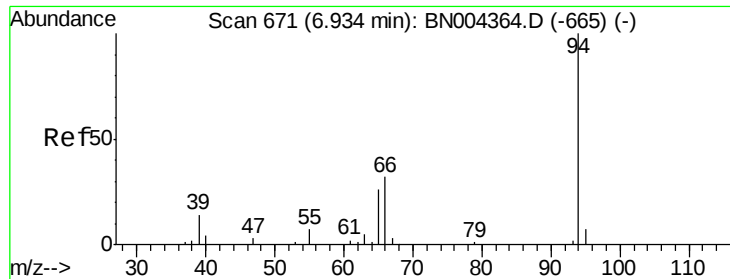
105 104.7 85.4 128.0

106 96.7 84.8 127.2



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





#6

Phenol

Concen: 3.666 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

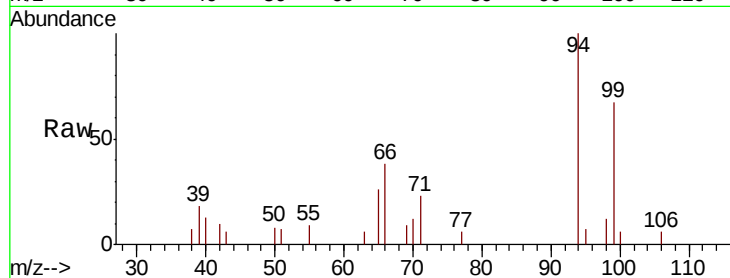
Tot Ion: 94 Resp: 8746

Ion Ratio Lower Upper

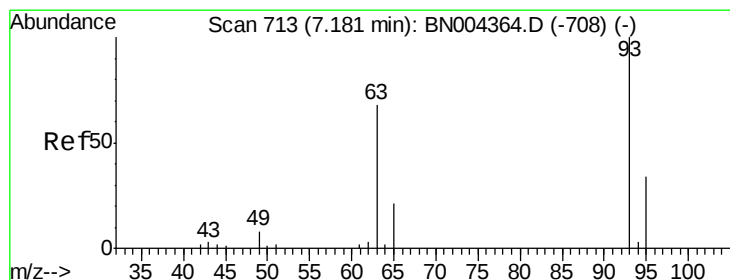
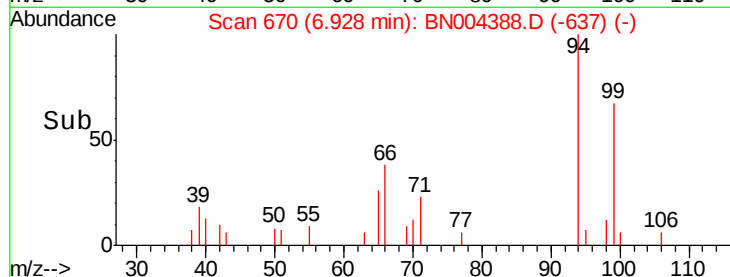
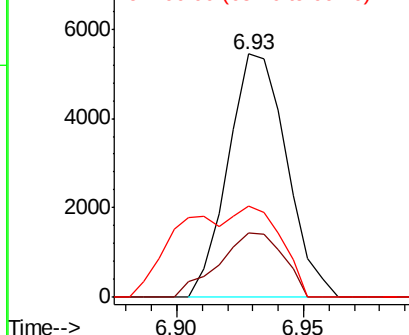
94 100

65 26.4 20.2 30.4

66 37.6 28.2 42.2



Abundance Ion 94.00 (93.70 to 94.70): BNC
Ion 65.00 (64.70 to 65.70): BNC
Ion 66.00 (65.70 to 66.70): BNC



#8

Bis(2-Chloroethyl)ether

Concen: 3.785 ng/ul

RT: 7.18 min Scan# 713

Delta R.T. 0.00 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

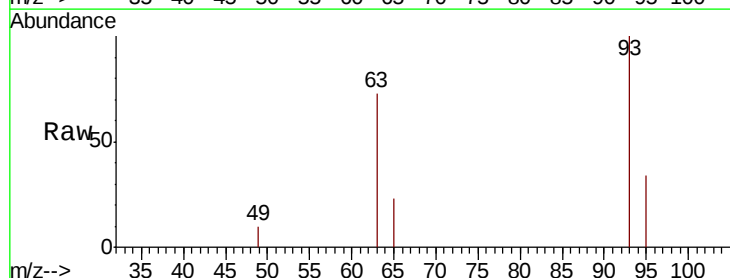
Tgt Ion: 93 Resp: 6459

Ion Ratio Lower Upper

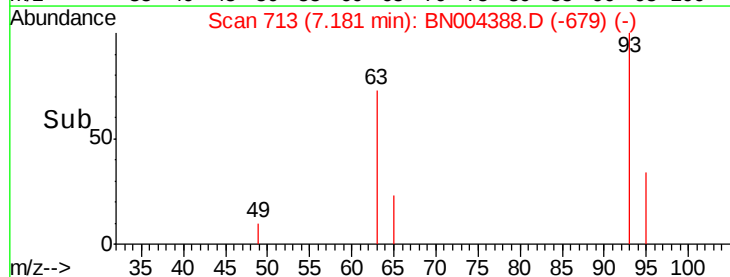
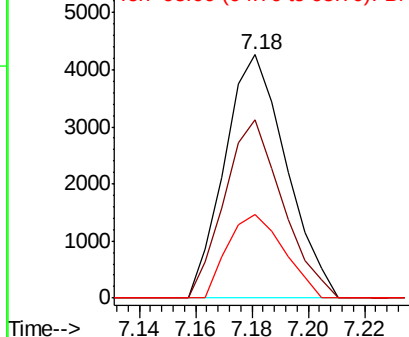
93 100

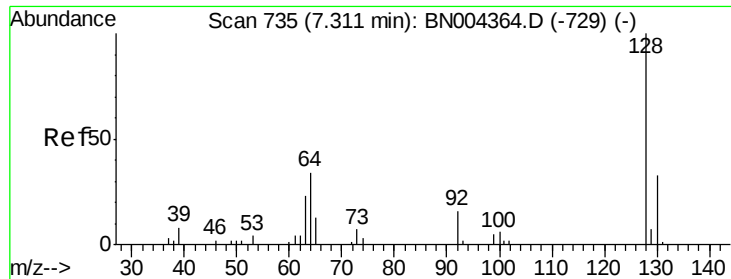
63 73.3 52.8 79.2

95 34.2 25.9 38.9



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

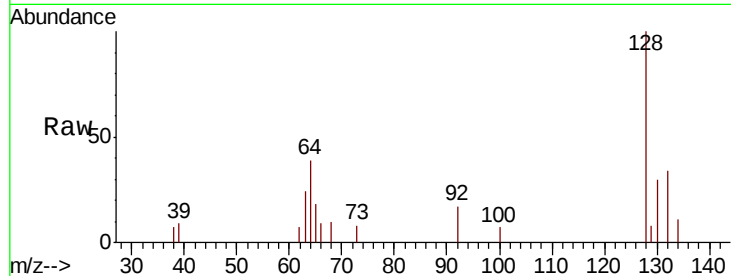




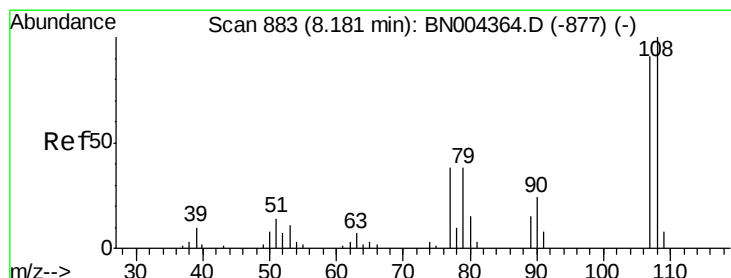
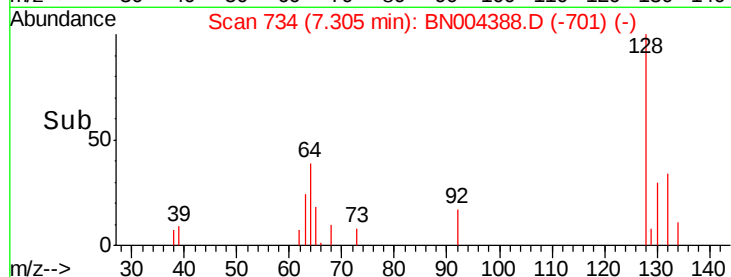
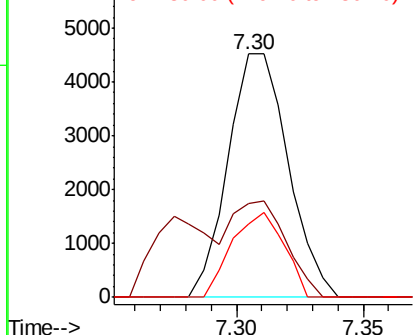
#10
2-Chlorophenol
Concen: 3.872 ng/ul
RT: 7.30 min Scan# 734
Delta R.T. -0.01 min
Lab File: BN004388.D
Acq: 13 Feb 2019 12:20

Instrument :
BNA_N
ClientSampleId :
MDL-W-03

Tot Ion:128 Resp: 7469
Ion Ratio Lower Upper
128 100
64 38.7 31.0 46.6
130 30.3 26.1 39.1

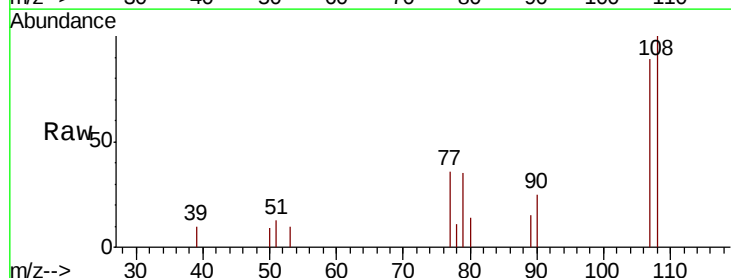


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BNO
Ion 130.00 (129.70 to 130.70): E

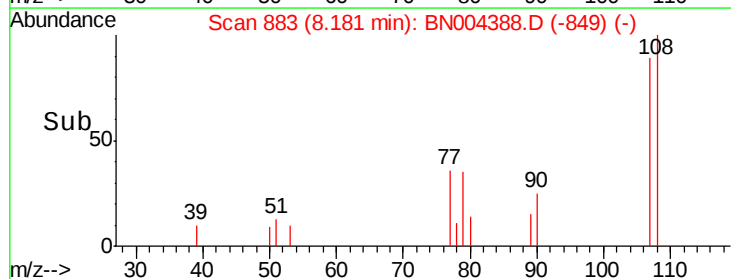
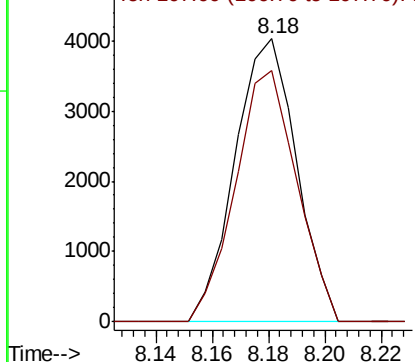


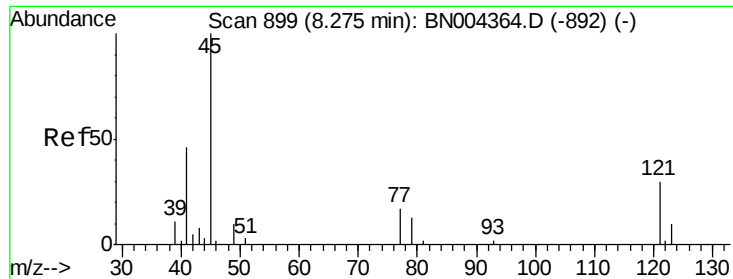
#11
2-Methylphenol
Concen: 3.193 ng/ul
RT: 8.18 min Scan# 883
Delta R.T. 0.00 min
Lab File: BN004388.D
Acq: 13 Feb 2019 12:20

Tgt Ion:108 Resp: 6092
Ion Ratio Lower Upper
108 100
107 88.6 72.7 109.1



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

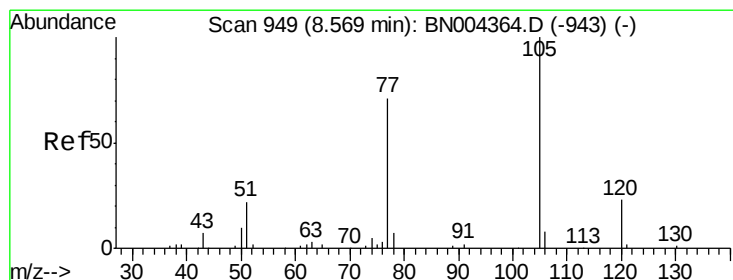
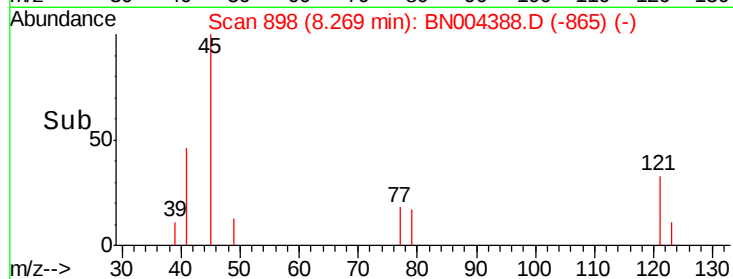
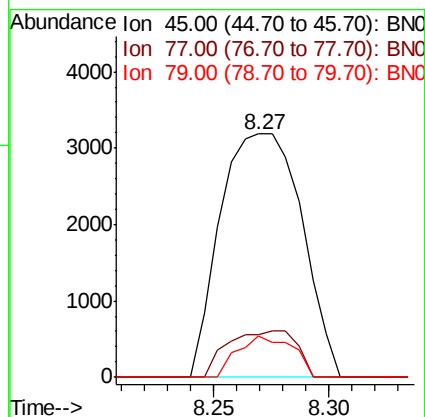
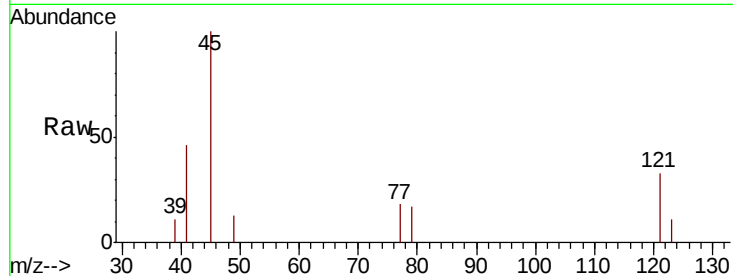




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 3.863 ng/ul
RT: 8.27 min Scan# 898
Delta R.T. -0.01 min
Lab File: BN004388.D
Acq: 13 Feb 2019 12:20

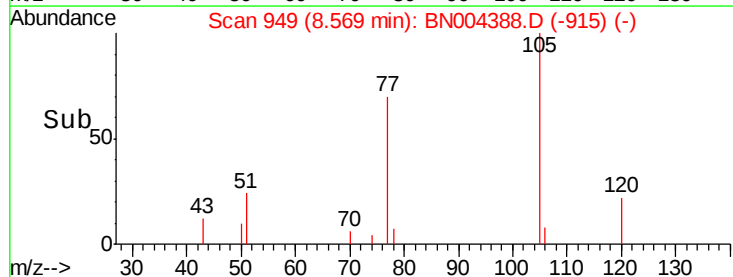
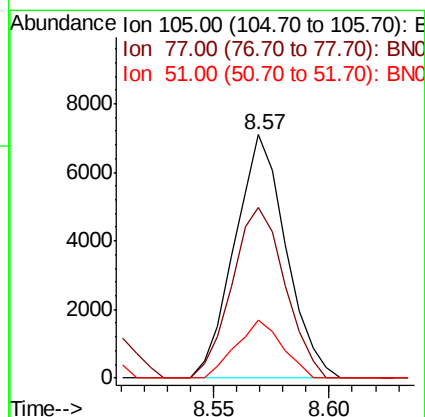
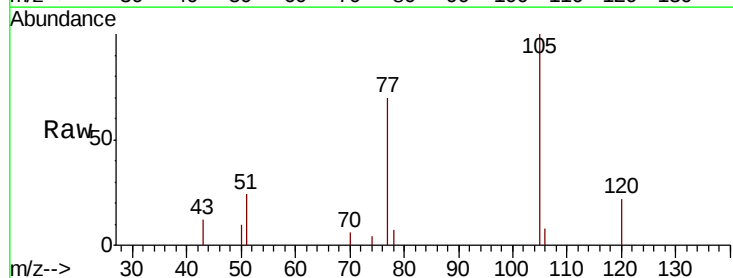
Instrument :
BNA_N
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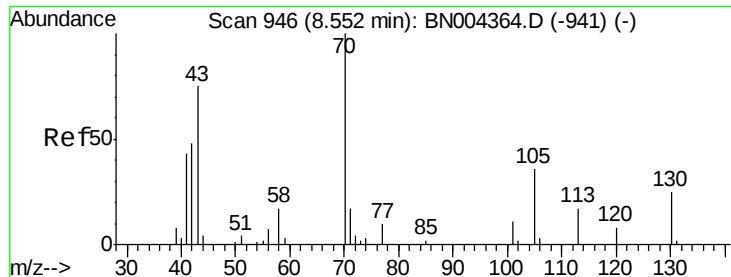
Tot Ion: 45 Resp: 7814
Ion Ratio Lower Upper
45 100
77 17.8 14.1 21.1
79 17.1 10.8 16.2#



#14
Acetophenone
Concen: 3.589 ng/ul
RT: 8.57 min Scan# 949
Delta R.T. 0.00 min
Lab File: BN004388.D
Acq: 13 Feb 2019 12:20

Tgt Ion: 105 Resp: 10985
Ion Ratio Lower Upper
105 100
77 69.8 56.1 84.1
51 24.0 17.2 25.8

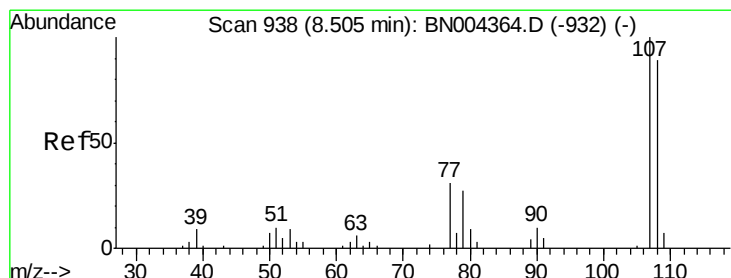
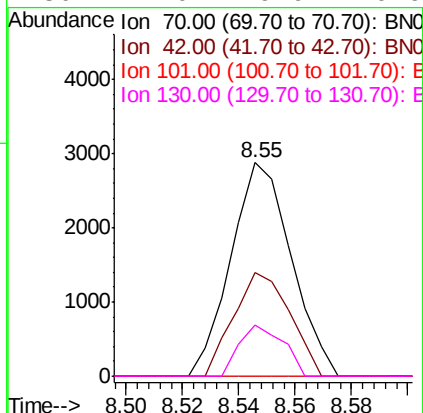
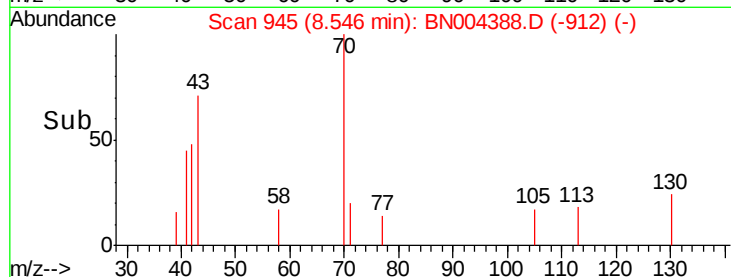
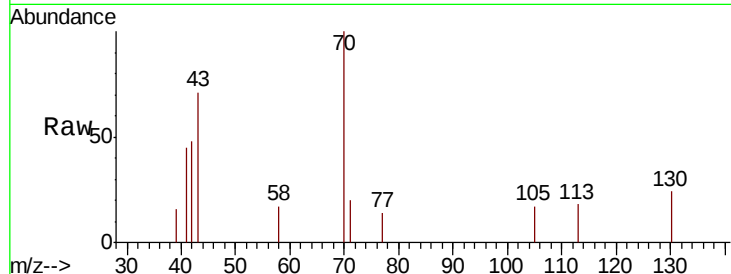




#15
N-Nitroso-di-n-propylamine
Concen: 3.254 ng/ul
RT: 8.55 min Scan# 945
Delta R.T. -0.01 min
Lab File: BN004388.D
Acq: 13 Feb 2019 12:20

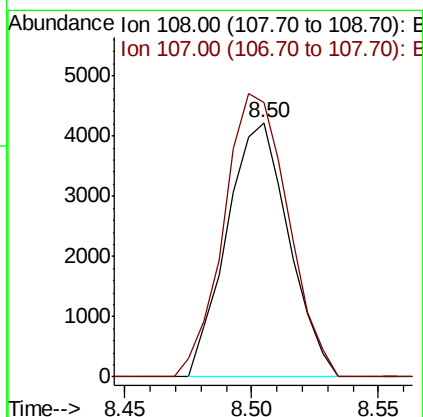
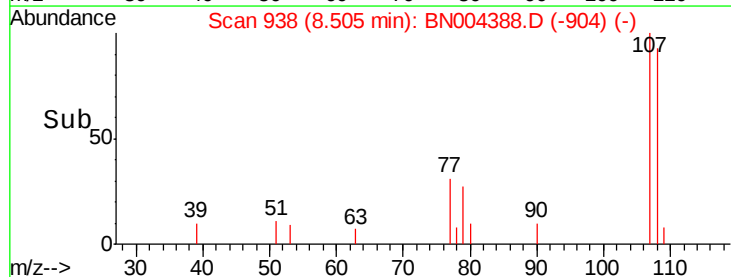
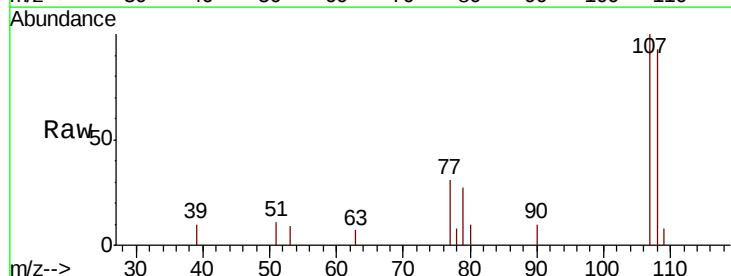
Instrument :
BNA_N
ClientSampleId :
MDL-W-03

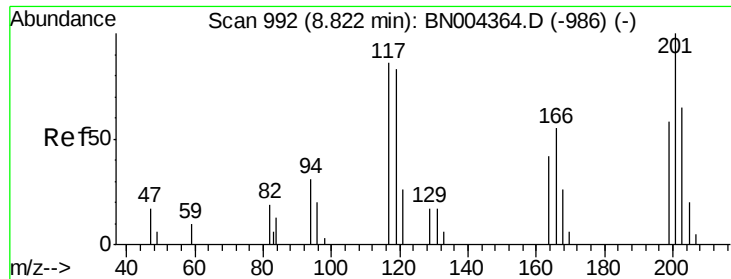
Tot Ion: 70 Resp: 4272
Ion Ratio Lower Upper
70 100
42 48.3 38.6 58.0
101 0.0 8.4 12.6#
130 24.0 19.9 29.9



#16
4-Methylphenol
Concen: 3.409 ng/ul
RT: 8.50 min Scan# 938
Delta R.T. 0.00 min
Lab File: BN004388.D
Acq: 13 Feb 2019 12:20

Tgt Ion:108 Resp: 7200
Ion Ratio Lower Upper
108 100
107 107.9 87.8 131.6

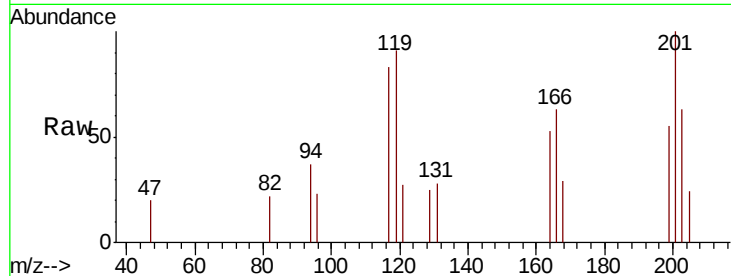




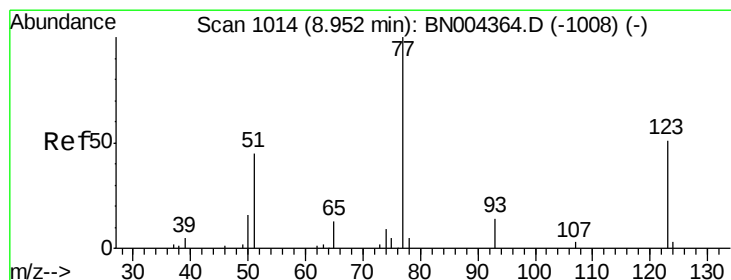
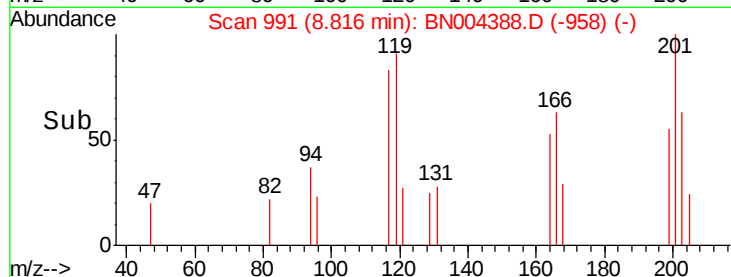
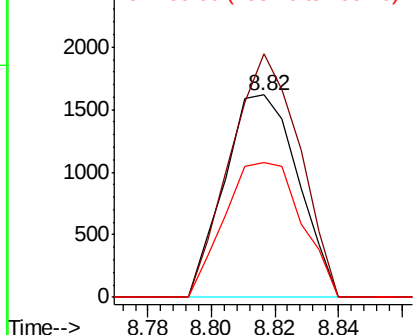
#17
Hexachloroethane
Concen: 3.851 ng/ul
RT: 8.82 min Scan# 991
Delta R.T. -0.01 min
Lab File: BN004388.D
Acq: 13 Feb 2019 12:20

Instrument :
BNA_N
ClientSampleId :
MDL-W-03

Tot Ion:117 Resp: 2601
Ion Ratio Lower Upper
117 100
201 120.3 85.0 127.6
199 66.7 53.8 80.8

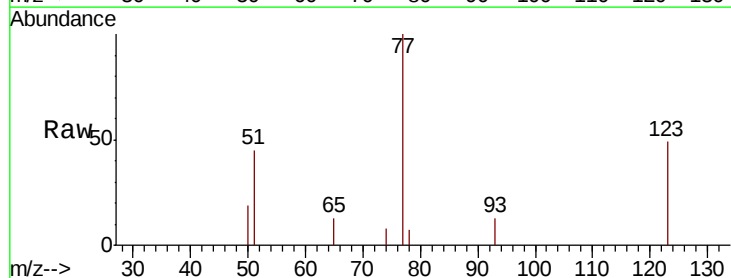


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

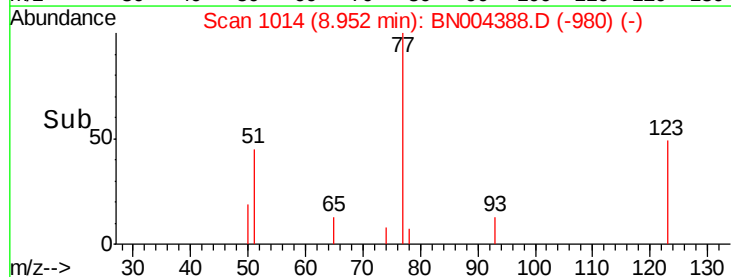
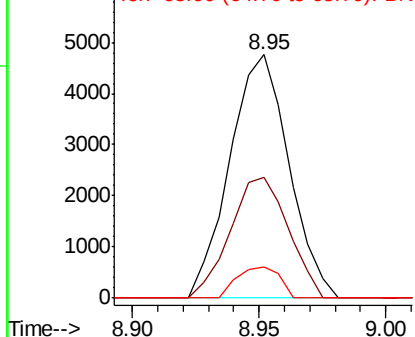


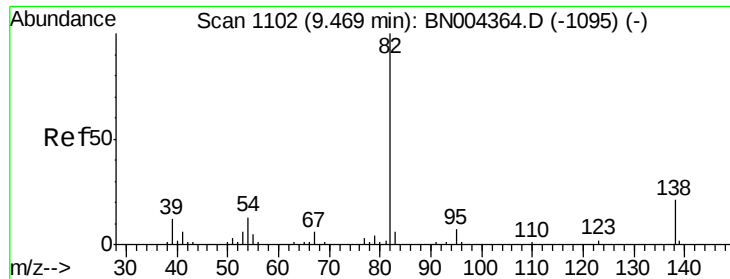
#20
Nitrobenzene
Concen: 4.259 ng/ul
RT: 8.95 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BN004388.D
Acq: 13 Feb 2019 12:20

Tgt Ion: 77 Resp: 7743
Ion Ratio Lower Upper
77 100
123 49.4 41.6 62.4
65 12.5 10.2 15.4



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





#21

Isophorone

Concen: 3.346 ng/ul

RT: 9.46 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

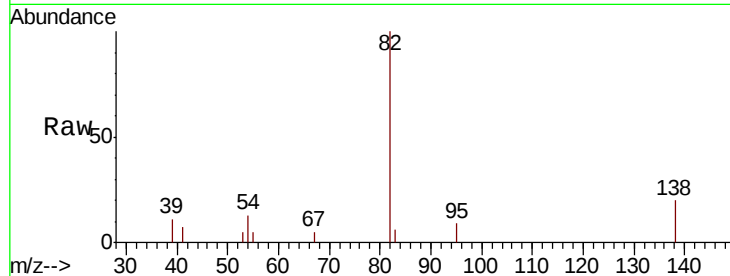
Tot Ion: 82 Resp: 12463

Ion Ratio Lower Upper

82 100

95 9.1 6.2 9.4

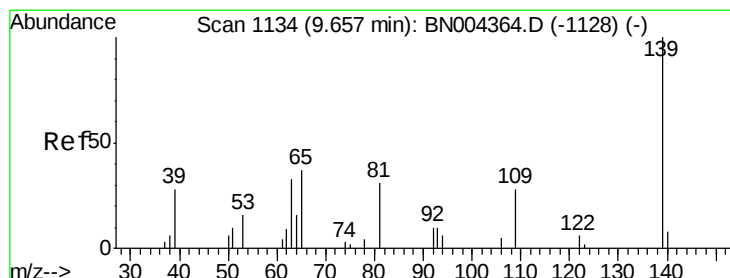
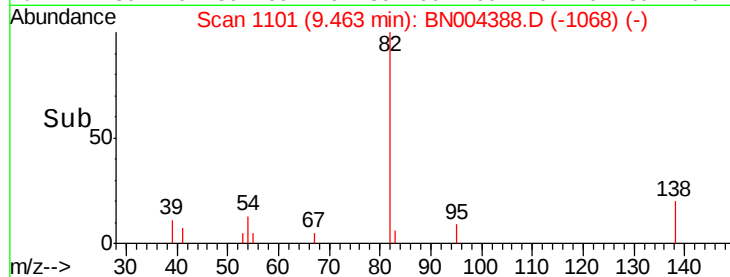
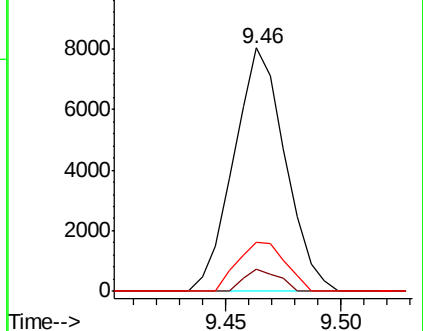
138 20.4 16.5 24.7



Abundance Ion 82.00 (81.70 to 82.70): BN004364.D (-1095) (-)

Ion 95.00 (94.70 to 95.70): BN004364.D (-1095) (-)

Ion 138.00 (137.70 to 138.70): BN004364.D (-1095) (-)



#23

2-Nitrophenol

Concen: 3.983 ng/ul

RT: 9.65 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

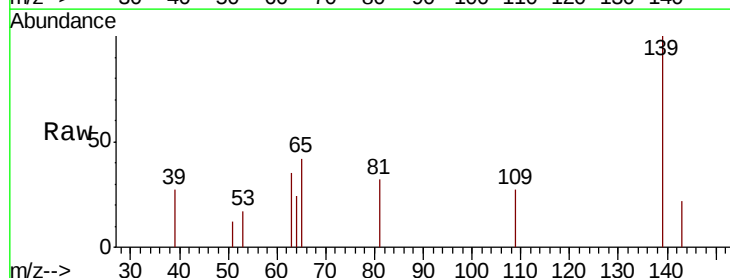
Tgt Ion: 139 Resp: 3876

Ion Ratio Lower Upper

139 100

65 41.7 32.7 49.1

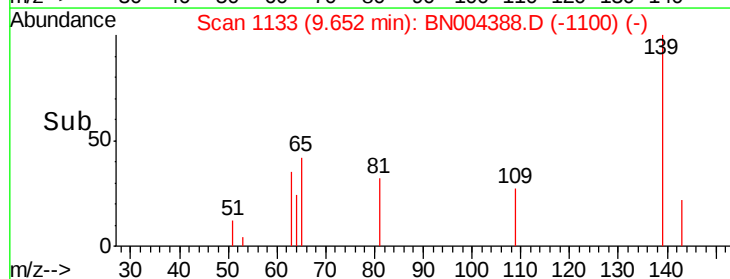
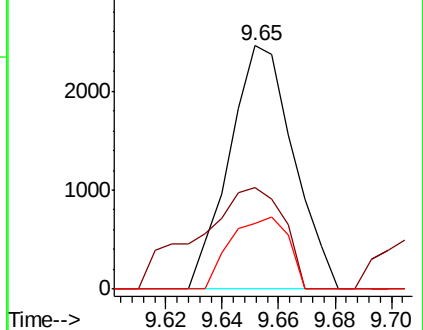
109 26.8 22.8 34.2

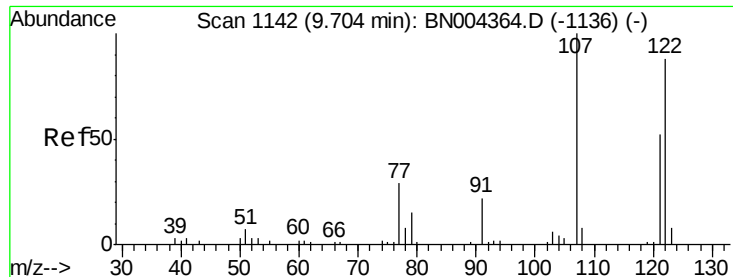


Abundance Ion 139.00 (138.70 to 139.70): BN004364.D (-1128) (-)

Ion 65.00 (64.70 to 65.70): BN004364.D (-1128) (-)

Ion 109.00 (108.70 to 109.70): BN004364.D (-1128) (-)





#24

2,4-Dimethylphenol

Concen: 3.862 ng/ul

RT: 9.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

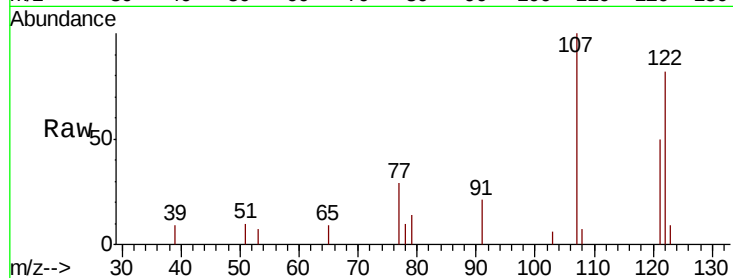
Tot Ion:107 Resp: 8476

Ion Ratio Lower Upper

107 100

121 50.1 41.5 62.3

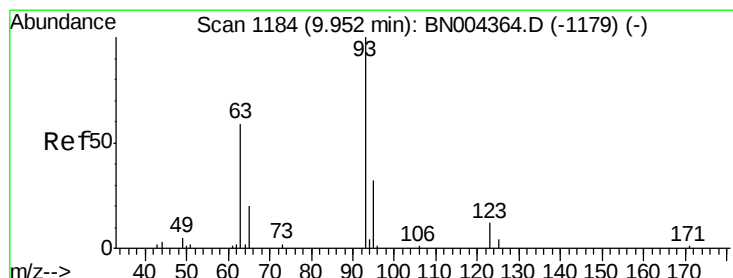
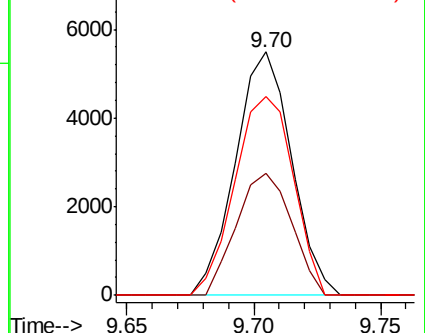
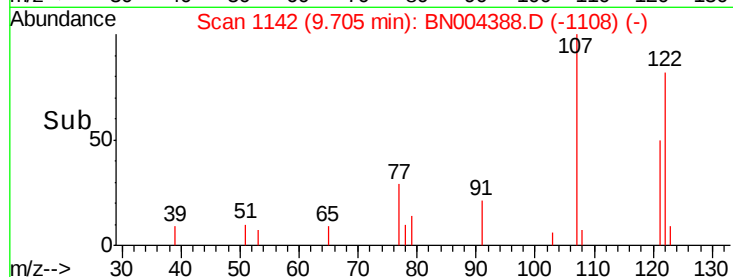
122 81.8 69.0 103.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 3.677 ng/ul

RT: 9.95 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

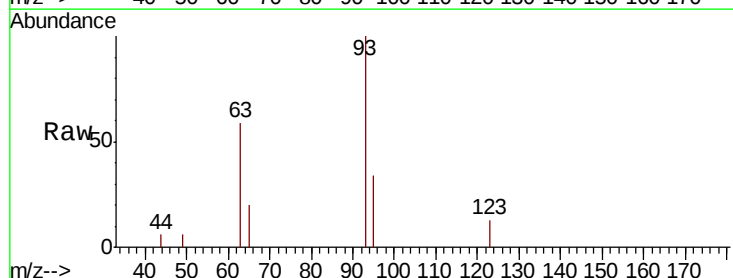
Tgt Ion: 93 Resp: 8886

Ion Ratio Lower Upper

93 100

95 34.2 26.2 39.4

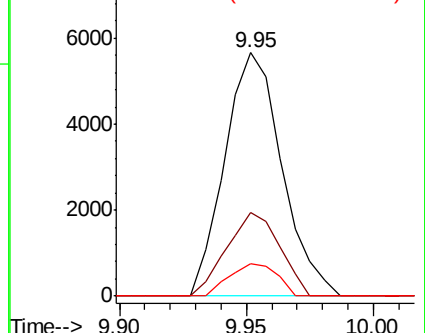
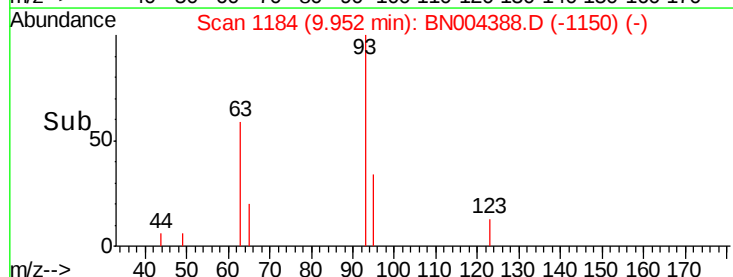
123 13.4 10.0 15.0

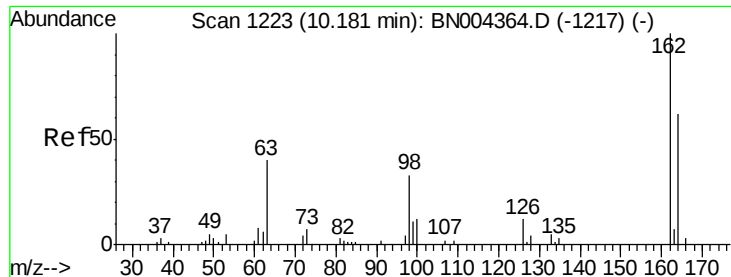


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

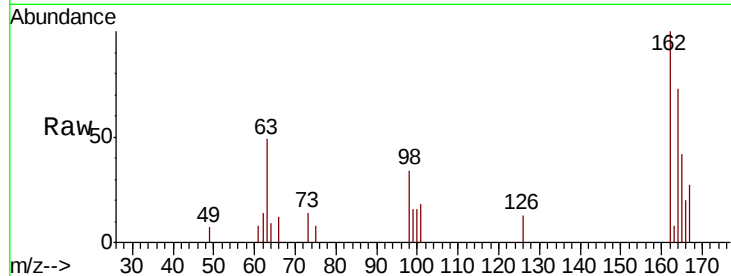




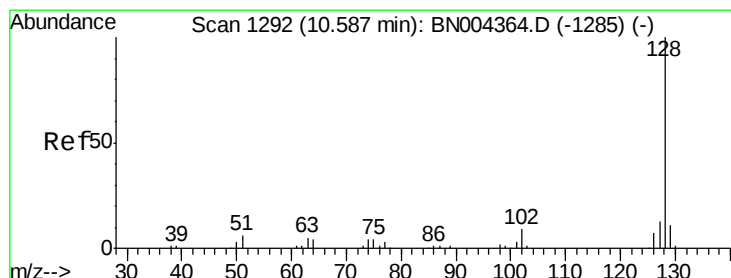
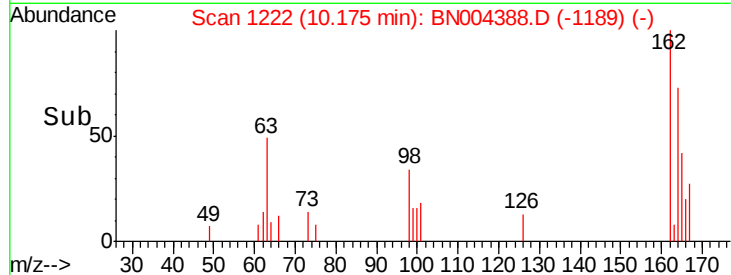
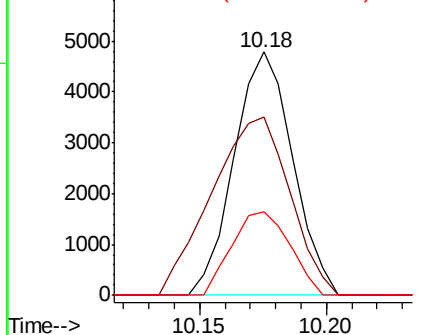
#27
 2,4-Dichlorophenol
 Concen: 3.974 ng/ul
 RT: 10.18 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BN004388.D
 Acq: 13 Feb 2019 12:20

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-03

Tot Ion:162 Resp: 7717
 Ion Ratio Lower Upper
 162 100
 164 73.4 53.0 79.4
 98 34.2 27.0 40.4

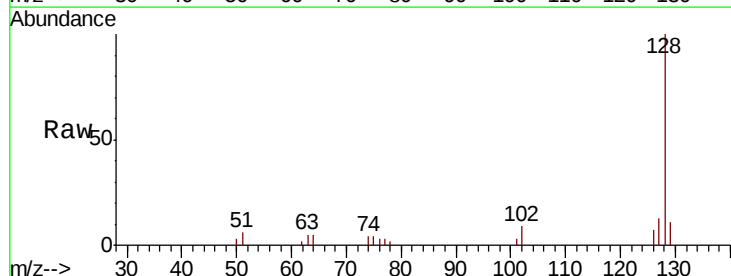


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

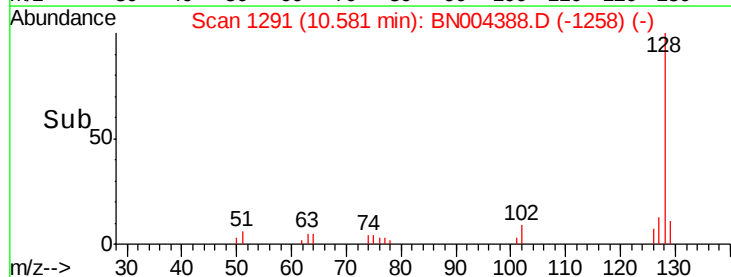
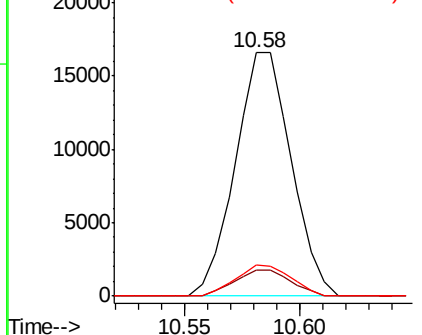


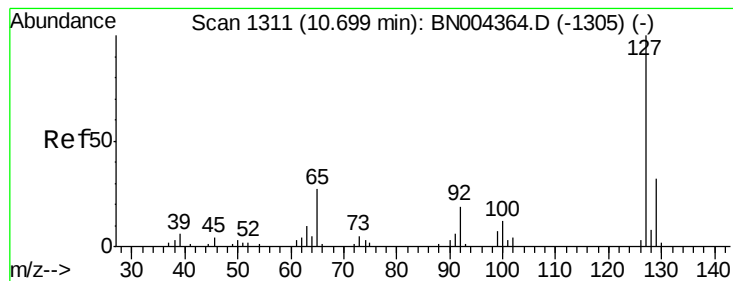
#28
 Naphthalene
 Concen: 4.323 ng/ul
 RT: 10.58 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BN004388.D
 Acq: 13 Feb 2019 12:20

Tgt Ion:128 Resp: 27981
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.7 13.1
 127 12.6 10.2 15.4



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: 3.789 ng/ul

RT: 10.70 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA_N

ClientSampleId :

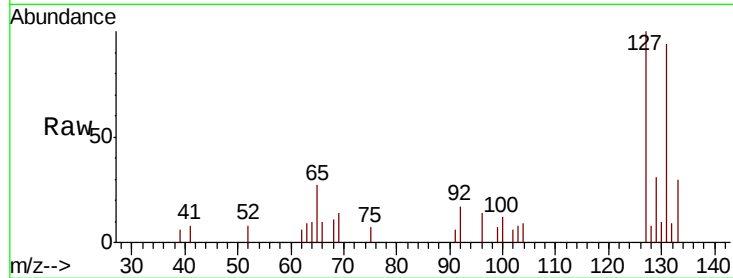
MDL-W-03

Tot Ion:127 Resp: 8250

Ion Ratio Lower Upper

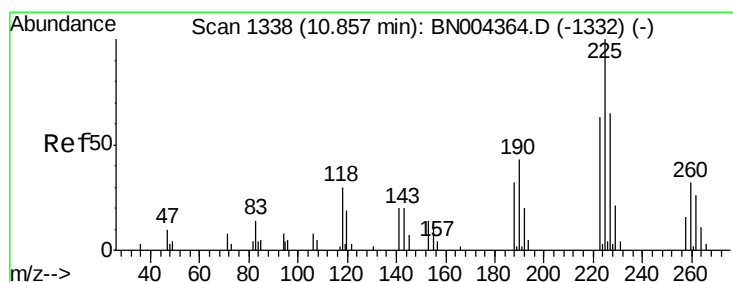
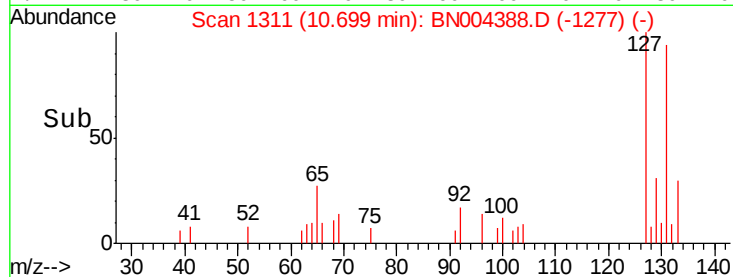
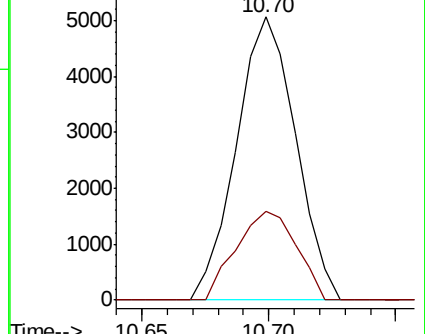
127 100

129 31.4 26.1 39.1



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#31

Hexachlorobutadiene

Concen: 4.331 ng/ul

RT: 10.85 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

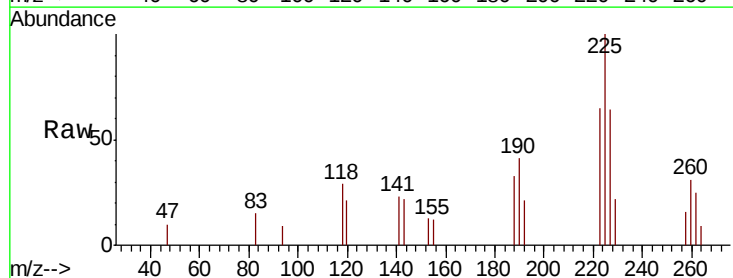
Tgt Ion:225 Resp: 5437

Ion Ratio Lower Upper

225 100

223 64.7 49.8 74.6

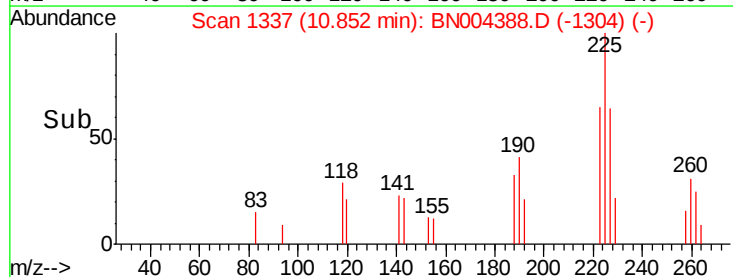
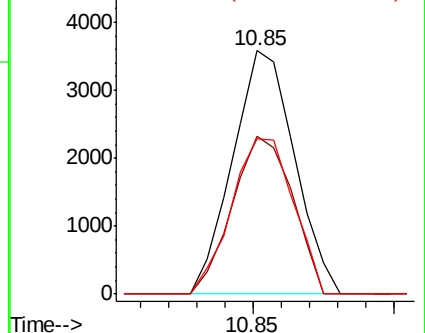
227 63.8 50.2 75.2

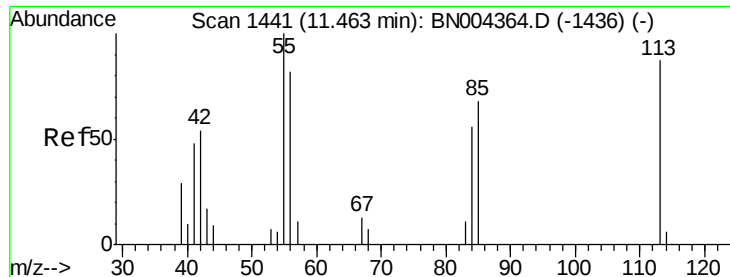


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 1.798 ng/ul

RT: 11.48 min Scan# 1444

Delta R.T. 0.02 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

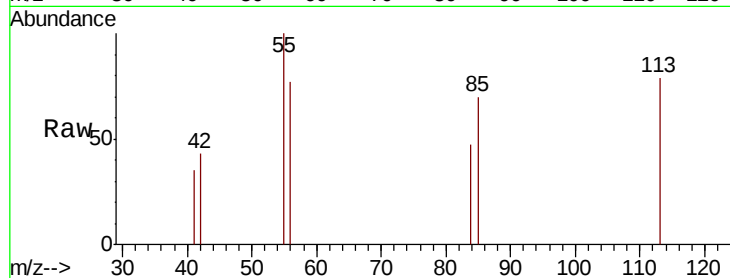
Tot Ion:113 Resp: 1179

Ion Ratio Lower Upper

113 100

55 126.7 100.7 151.1

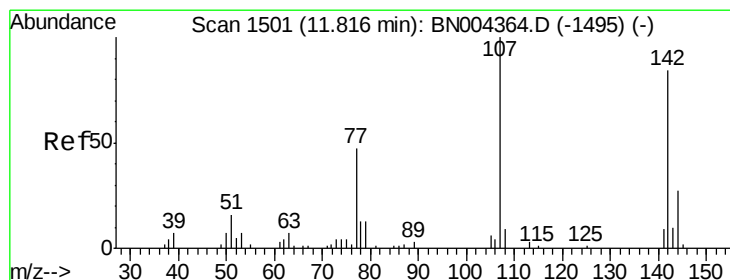
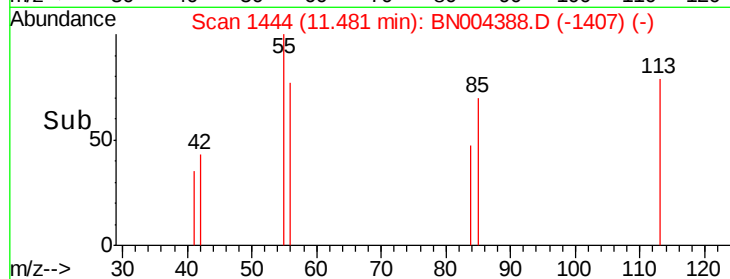
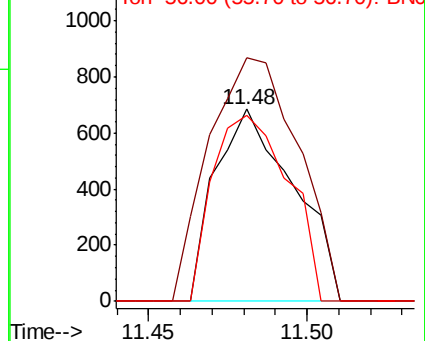
56 97.1 76.1 114.1



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: 3.323 ng/ul

RT: 11.81 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

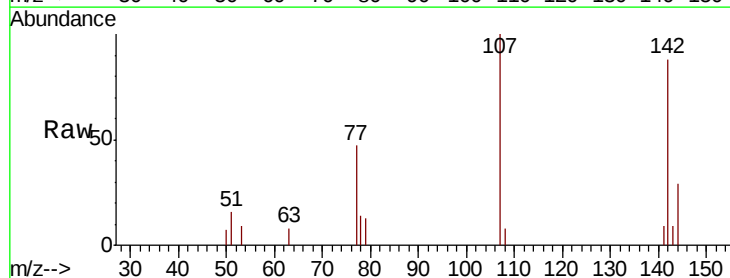
Tgt Ion:107 Resp: 6959

Ion Ratio Lower Upper

107 100

144 28.9 22.2 33.4

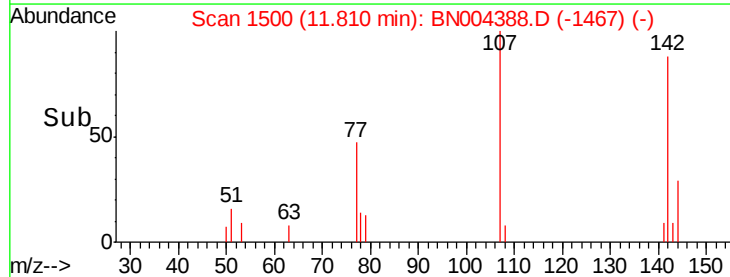
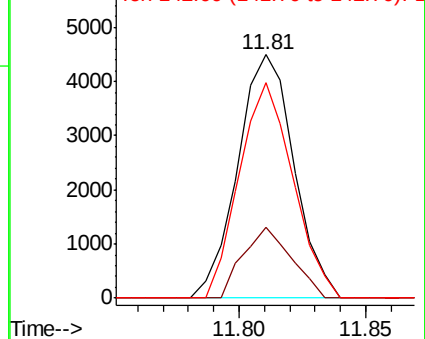
142 88.4 67.4 101.0

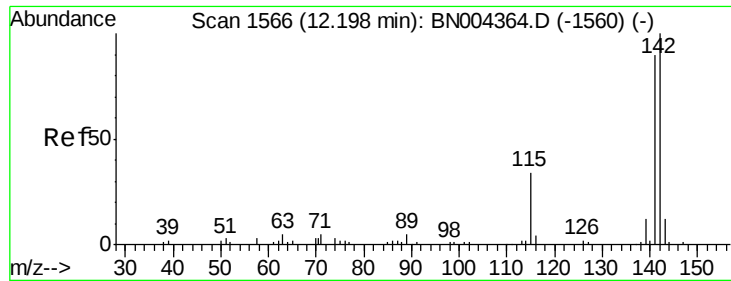


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

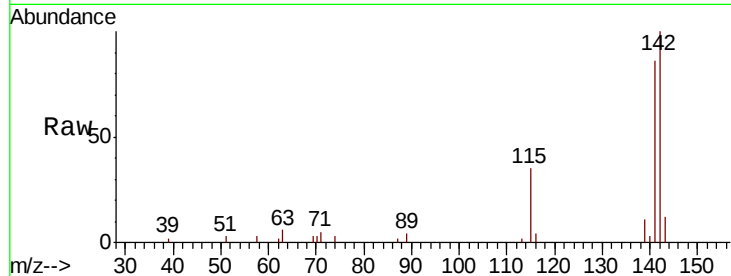




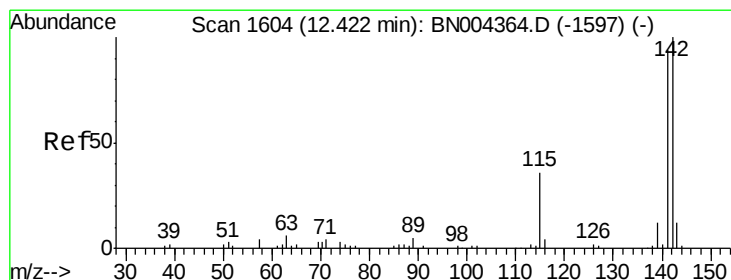
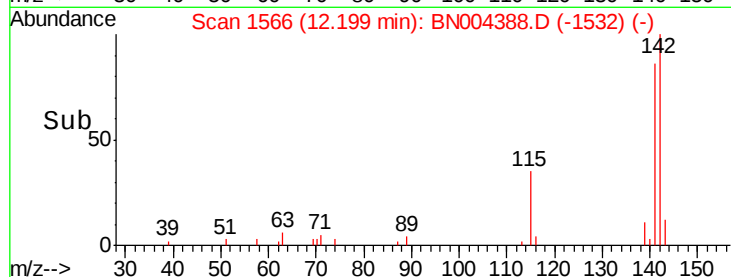
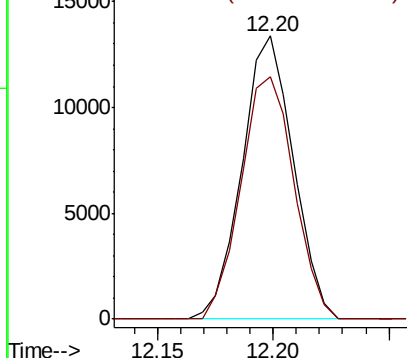
#34
 2-Methylnaphthalene
 Concen: 4.179 ng/ul
 RT: 12.20 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BN004388.D
 Acq: 13 Feb 2019 12:20

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-03

Tot Ion:142 Resp: 20748
 Ion Ratio Lower Upper
 142 100
 141 85.8 71.0 106.6

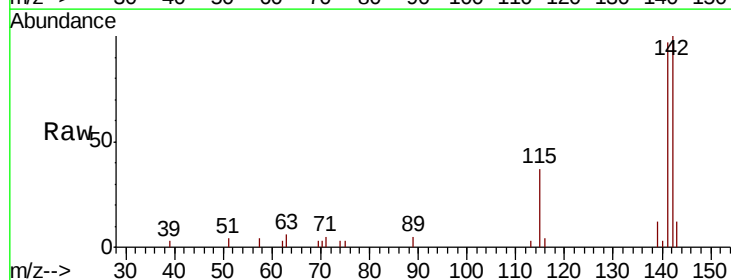


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

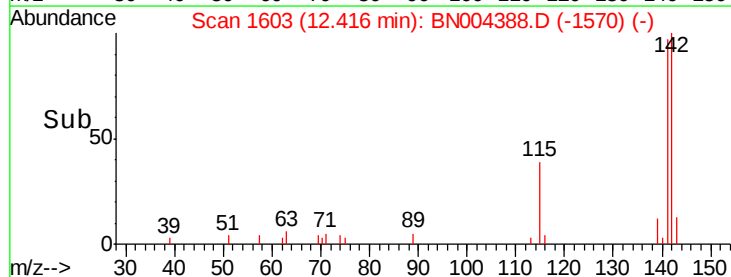
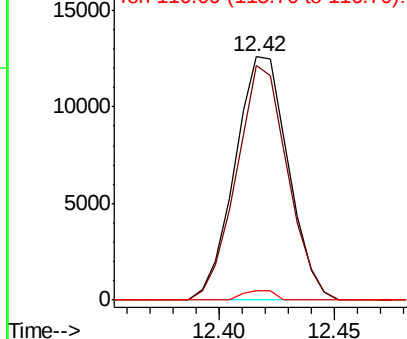


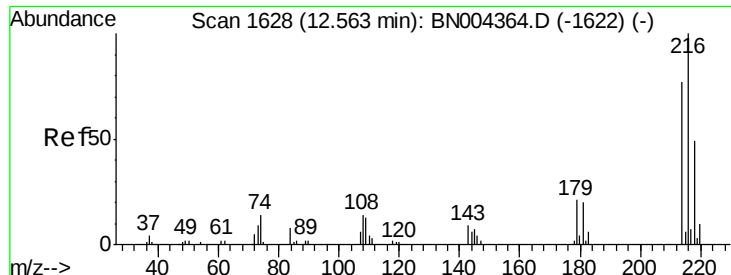
#35
 1-Methylnaphthalene
 Concen: 4.146 ng/ul
 RT: 12.42 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BN004388.D
 Acq: 13 Feb 2019 12:20

Tgt Ion:142 Resp: 20299
 Ion Ratio Lower Upper
 142 100
 141 96.6 74.9 112.3
 116 3.7 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

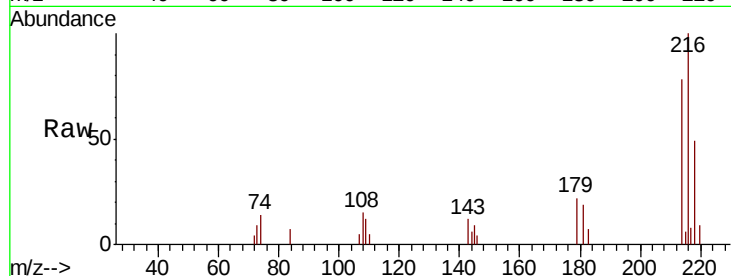




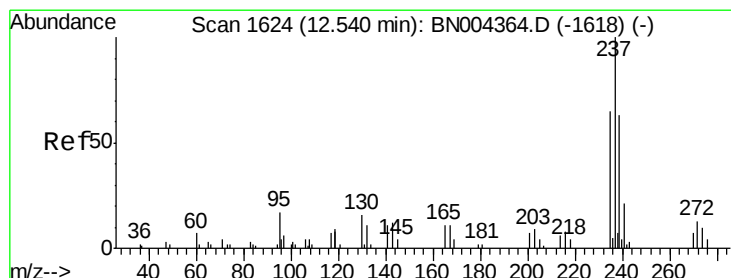
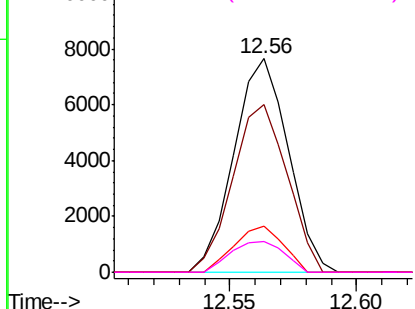
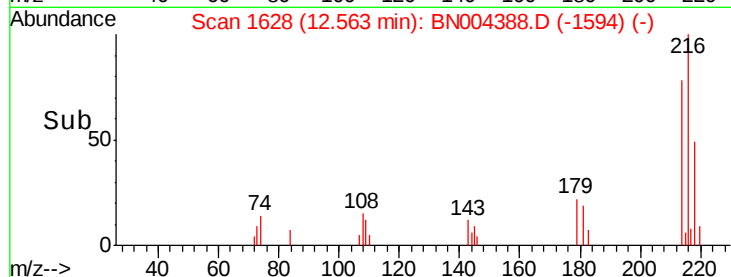
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.300 ng/ul
 RT: 12.56 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: BN004388.D
 Acq: 13 Feb 2019 12:20

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-03

Tot Ion:216 Resp: 11442
 Ion Ratio Lower Upper
 216 100
 214 78.4 60.9 91.3
 179 21.8 16.2 24.4
 108 14.6 11.5 17.3

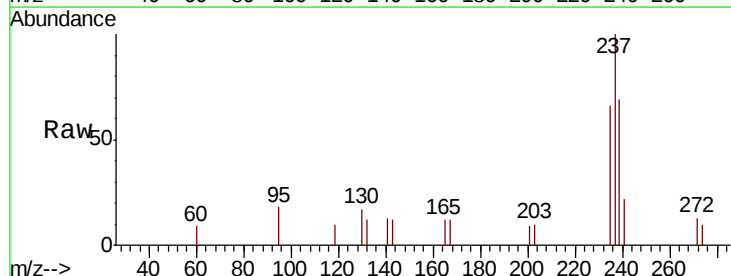


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

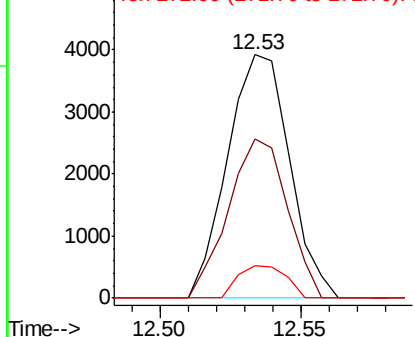
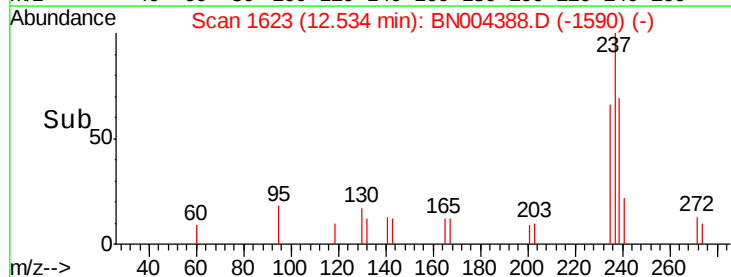


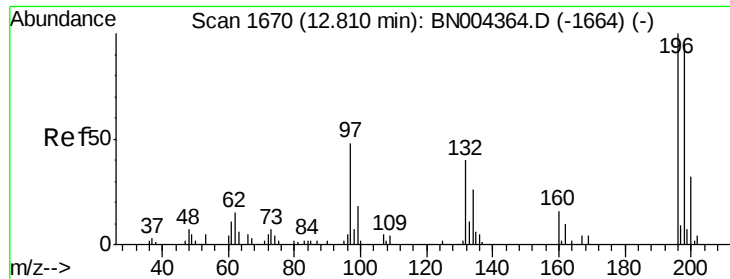
#38
 Hexachlorocyclopentadiene
 Concen: 3.623 ng/ul
 RT: 12.53 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BN004388.D
 Acq: 13 Feb 2019 12:20

Tgt Ion:237 Resp: 5993
 Ion Ratio Lower Upper
 237 100
 235 65.6 50.8 76.2
 272 13.3 10.4 15.6



Abundance Ion 237.00 (236.70 to 237.70): E
 Ion 235.00 (234.70 to 235.70): E
 Ion 272.00 (271.70 to 272.70): E

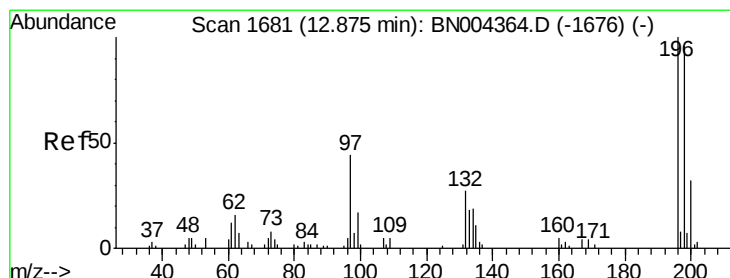
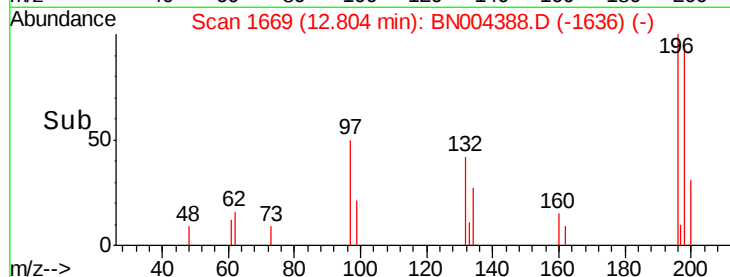
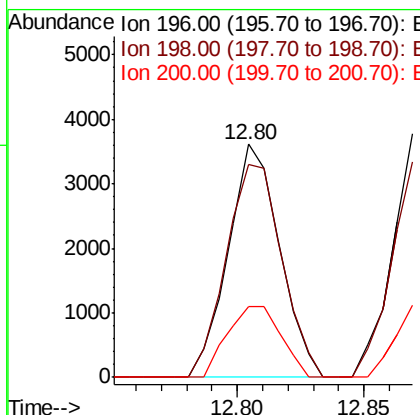
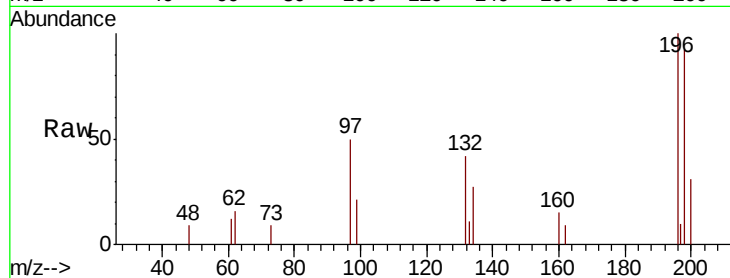




#39
 2,4,6-Trichlorophenol
 Concen: 3.239 ng/ul
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BN004388.D
 Acq: 13 Feb 2019 12:20

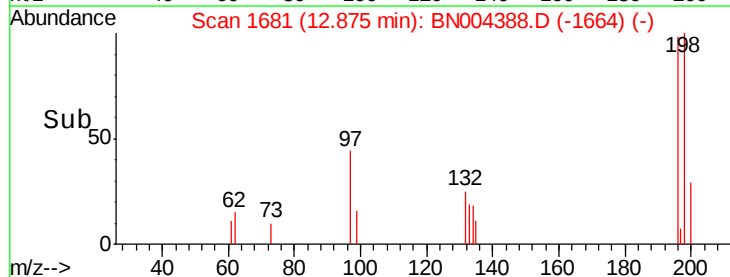
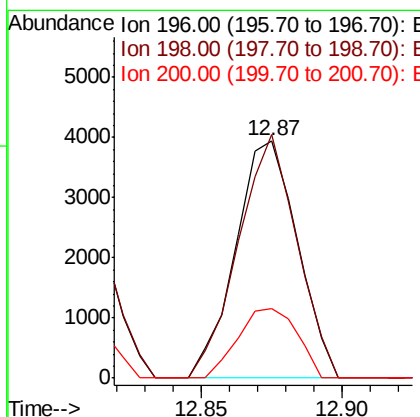
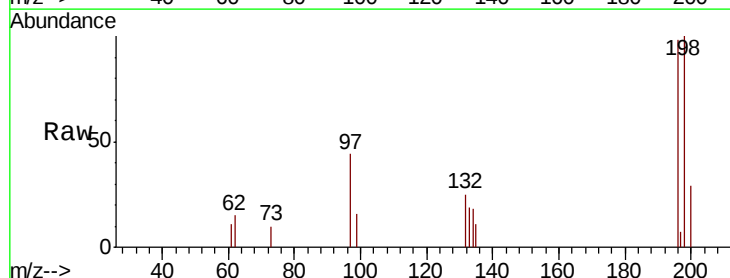
Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-03

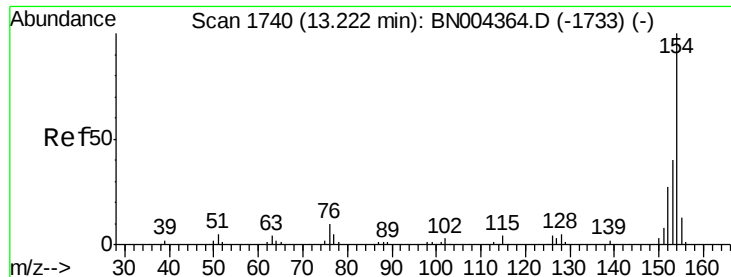
Tot Ion:196 Resp: 5092
 Ion Ratio Lower Upper
 196 100
 198 91.5 76.6 115.0
 200 30.7 24.5 36.7



#40
 2,4,5-Trichlorophenol
 Concen: 3.404 ng/ul
 RT: 12.87 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BN004388.D
 Acq: 13 Feb 2019 12:20

Tgt Ion:196 Resp: 6012
 Ion Ratio Lower Upper
 196 100
 198 102.5 79.9 119.9
 200 29.5 25.9 38.9

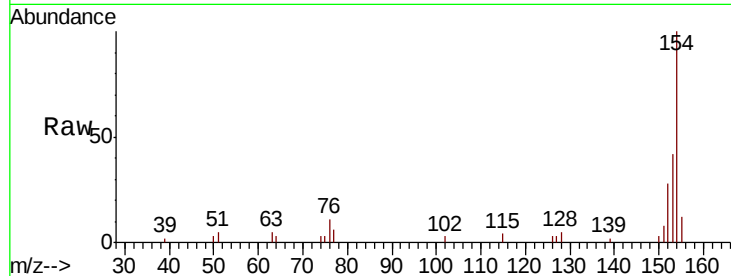




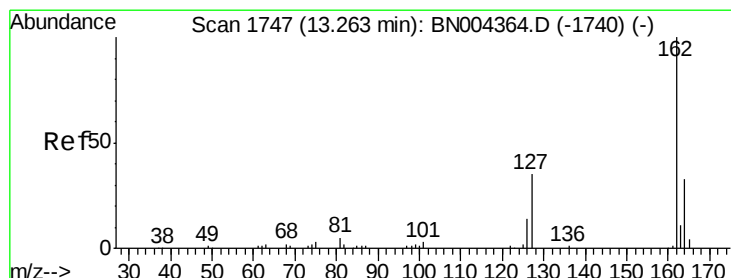
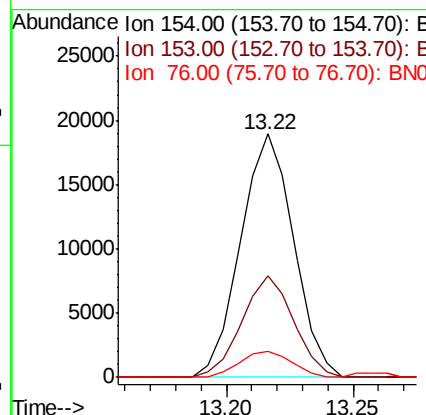
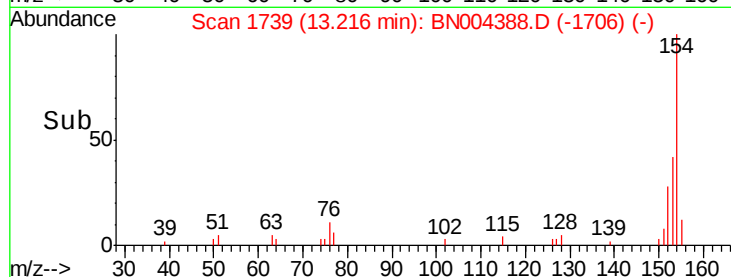
#41
 1,1'-Biphenyl
 Concen: 4.271 ng/ul
 RT: 13.22 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BN004388.D
 Acq: 13 Feb 2019 12:20

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-03

Tot Ion:154 Resp: 27585
 Ion Ratio Lower Upper
 154 100
 153 41.8 32.6 48.8
 76 10.7 9.2 13.8

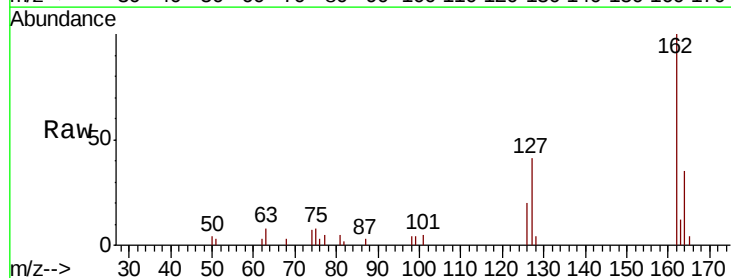


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC

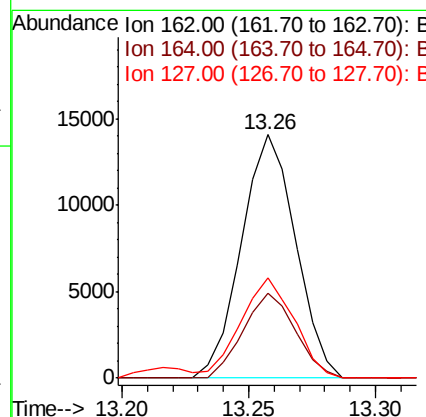
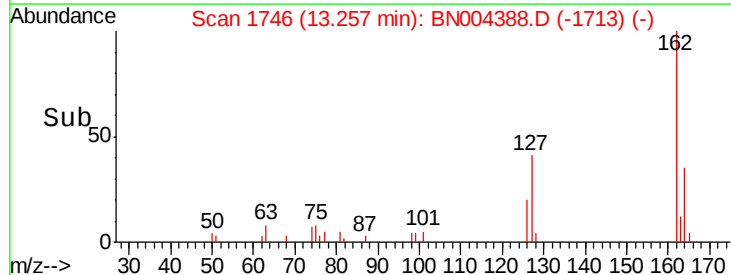


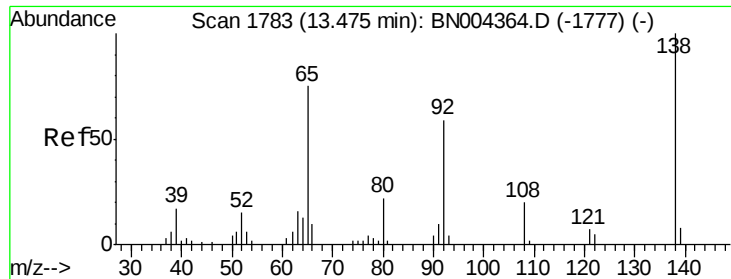
#42
 2-Chloronaphthalene
 Concen: 4.162 ng/ul
 RT: 13.26 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BN004388.D
 Acq: 13 Feb 2019 12:20

Tgt Ion:162 Resp: 20907
 Ion Ratio Lower Upper
 162 100
 164 34.6 26.4 39.6
 127 41.1 31.8 47.6



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

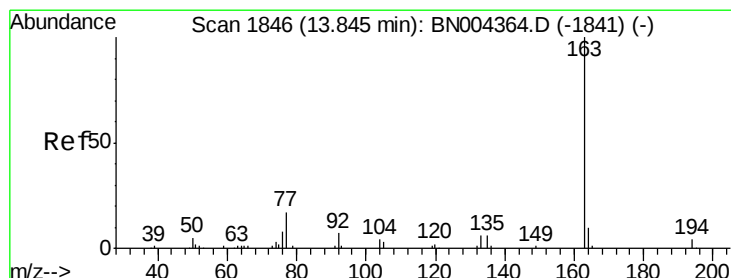
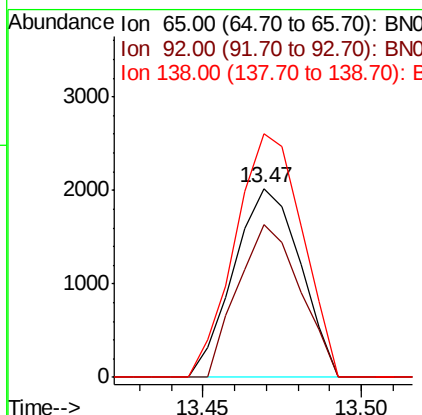
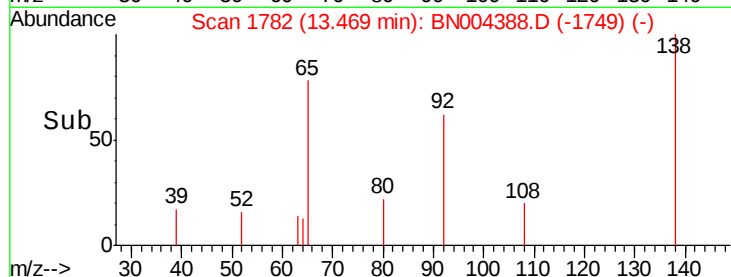
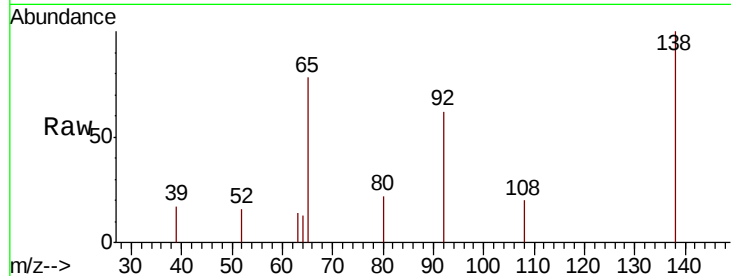




#43
2-Nitroaniline
Concen: 2.879 ng/ul
RT: 13.47 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BN004388.D
Acq: 13 Feb 2019 12:20

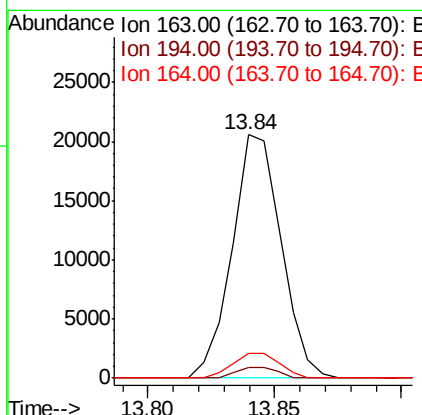
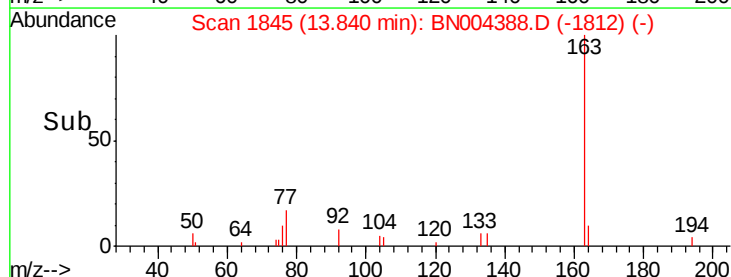
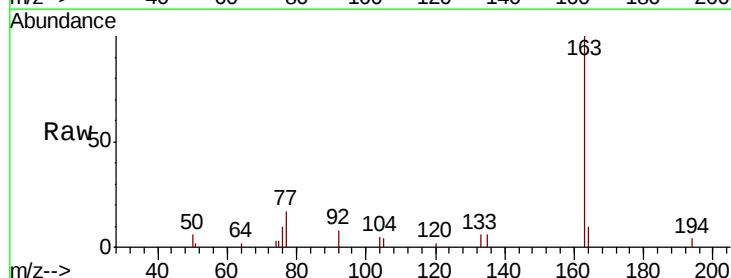
Instrument :
BNA_N
ClientSampleId :
MDL-W-03

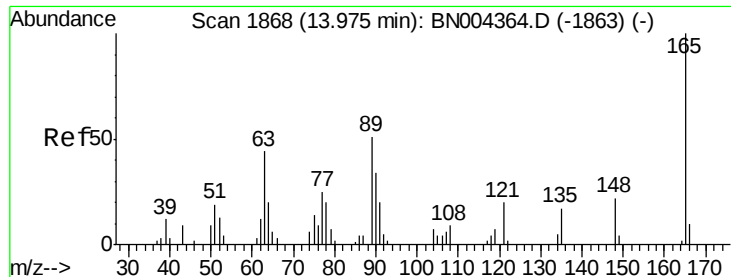
Tot Ion: 65 Resp: 2952
Ion Ratio Lower Upper
65 100
92 80.6 62.1 93.1
138 128.9 105.0 157.6



#45
Dimethylphthalate
Concen: 4.143 ng/ul
RT: 13.84 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BN004388.D
Acq: 13 Feb 2019 12:20

Tgt Ion:163 Resp: 27761
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.3 7.9 11.9

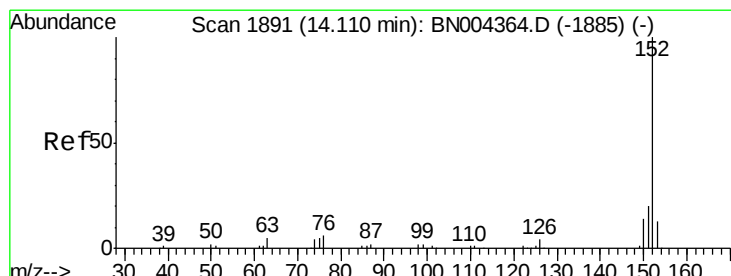
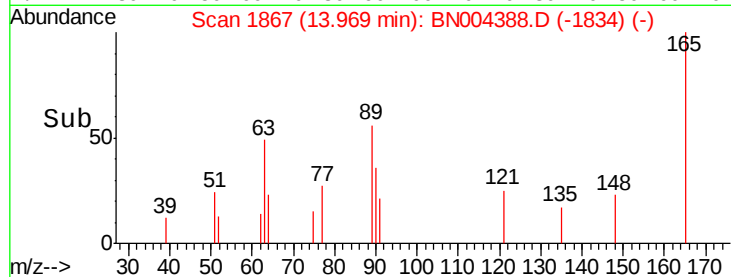
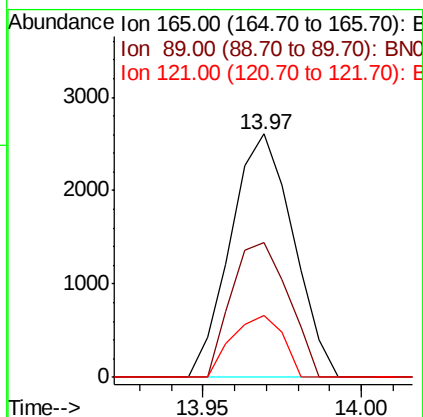
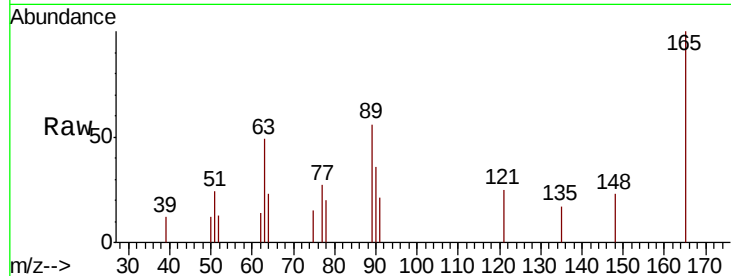




#46
 2,6-Dinitrotoluene
 Concen: 3.024 ng/ul
 RT: 13.97 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BN004388.D
 Acq: 13 Feb 2019 12:20

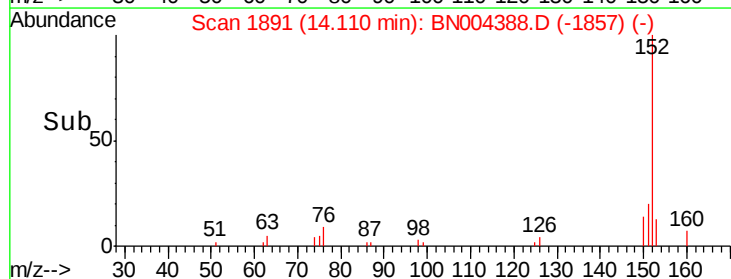
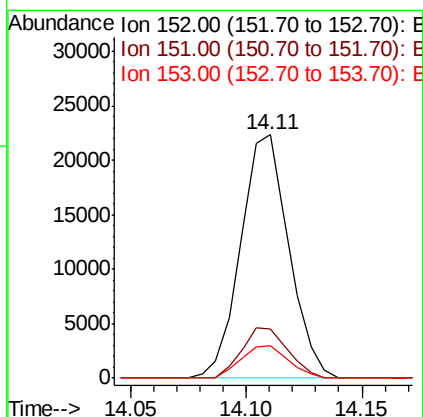
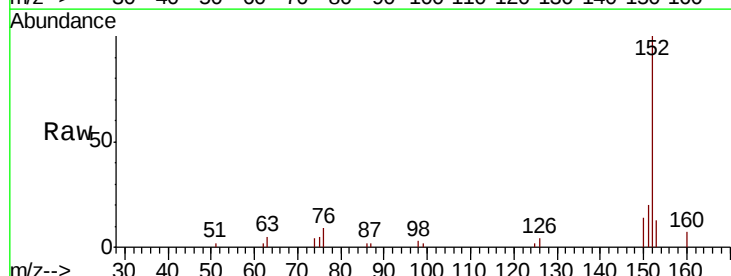
Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-03

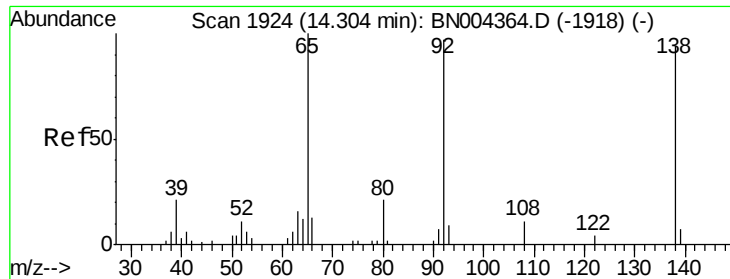
Tot Ion:165 Resp: 3573
 Ion Ratio Lower Upper
 165 100
 89 55.6 42.0 63.0
 121 25.3 17.0 25.6



#48
 Acenaphthylene
 Concen: 4.261 ng/ul
 RT: 14.11 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: BN004388.D
 Acq: 13 Feb 2019 12:20

Tgt Ion:152 Resp: 32489
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.1 24.1
 153 13.3 10.6 16.0





#49

3-Nitroaniline

Concen: 2.393 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

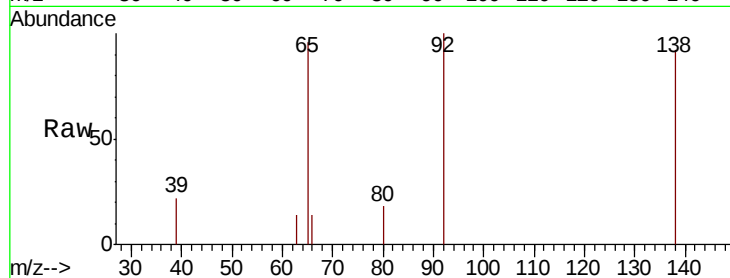
Tot Ion:138 Resp: 2885

Ion Ratio Lower Upper

138 100

108 0.0 9.0 13.4#

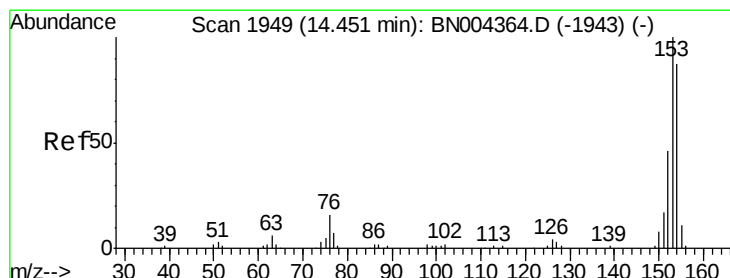
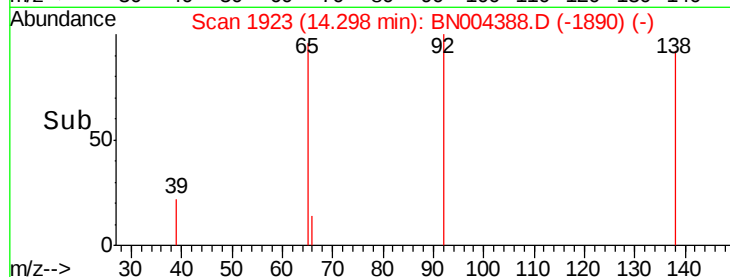
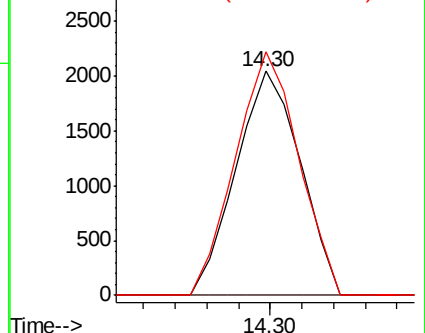
92 108.6 85.8 128.6



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



#50

Acenaphthene

Concen: 4.258 ng/ul

RT: 14.45 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

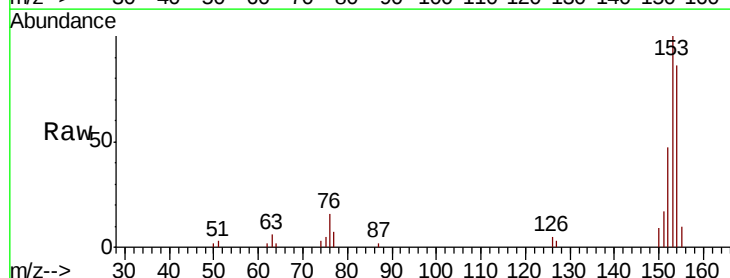
Tgt Ion:153 Resp: 23389

Ion Ratio Lower Upper

153 100

152 46.9 37.8 56.6

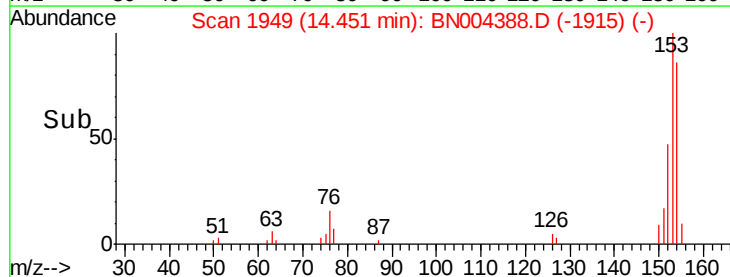
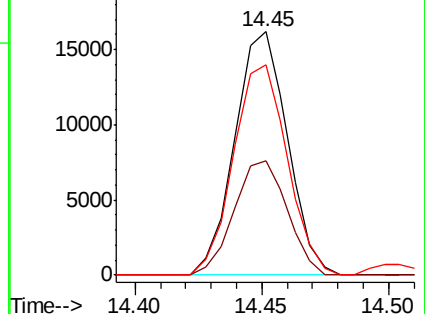
154 86.5 70.0 105.0

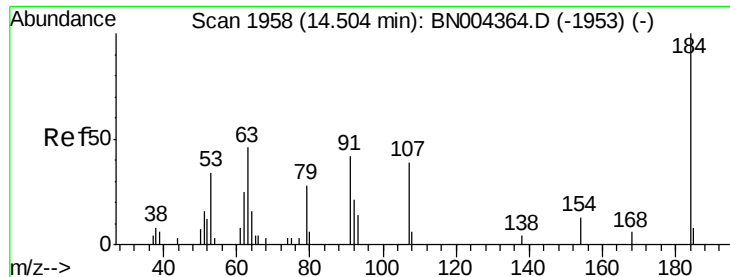


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

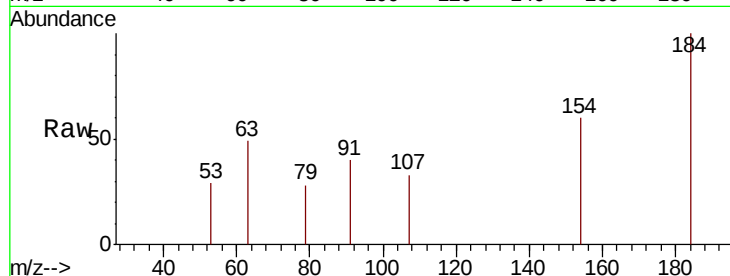




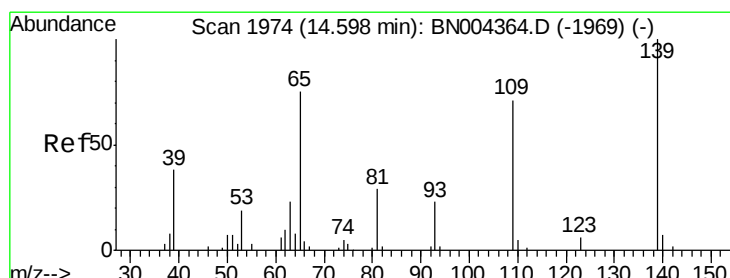
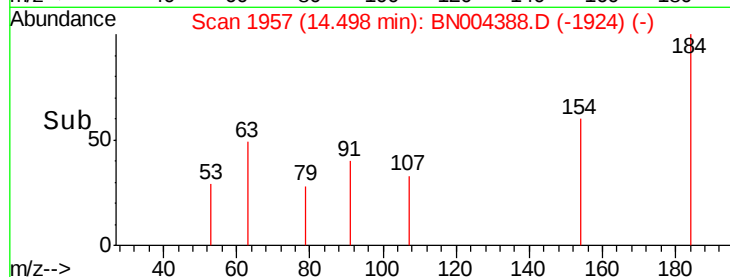
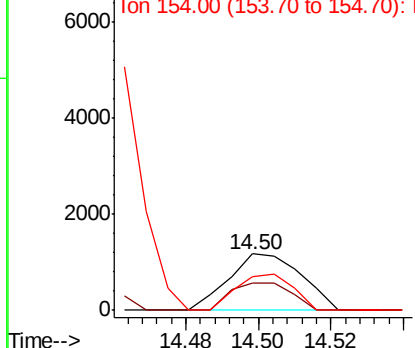
#51
 2,4-Dinitrophenol
 Concen: 2.234 ng/ul
 RT: 14.50 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BN004388.D
 Acq: 13 Feb 2019 12:20

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-03

Tot Ion:184 Resp: 1642
 Ion Ratio Lower Upper
 184 100
 63 49.1 39.1 58.7
 154 59.5 46.2 69.4

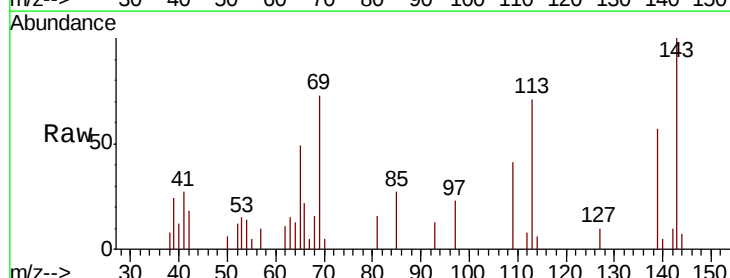


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 154.00 (153.70 to 154.70): E

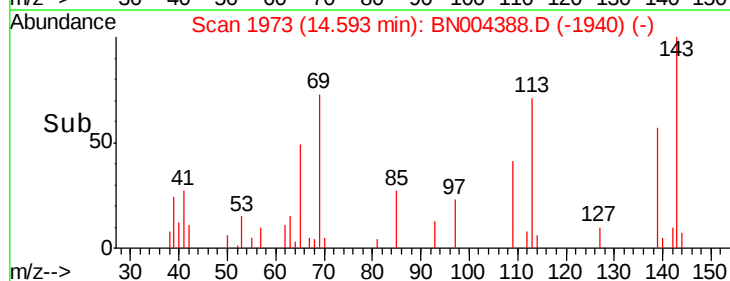
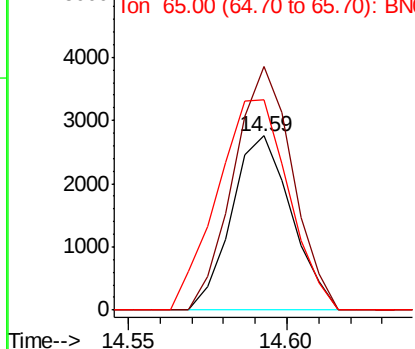


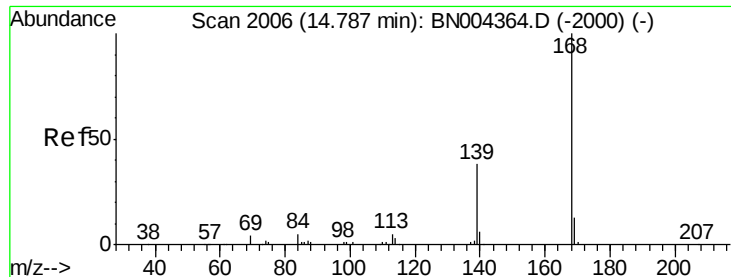
#53
 4-Nitrophenol
 Concen: 3.748 ng/ul
 RT: 14.59 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BN004388.D
 Acq: 13 Feb 2019 12:20

Tgt Ion:109 Resp: 3616
 Ion Ratio Lower Upper
 109 100
 139 139.7 112.1 168.1
 65 120.5 90.3 135.5



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

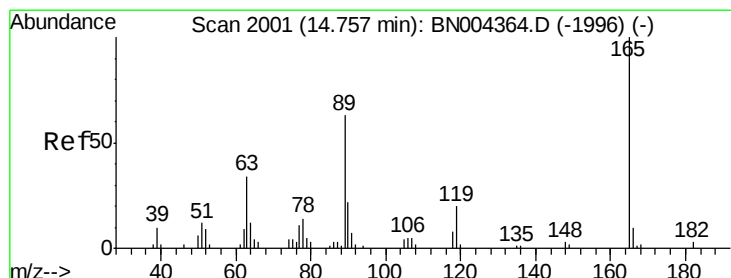
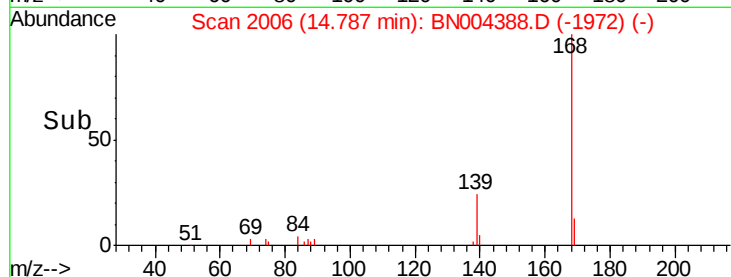
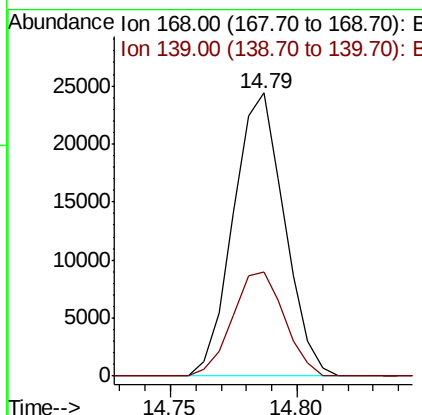
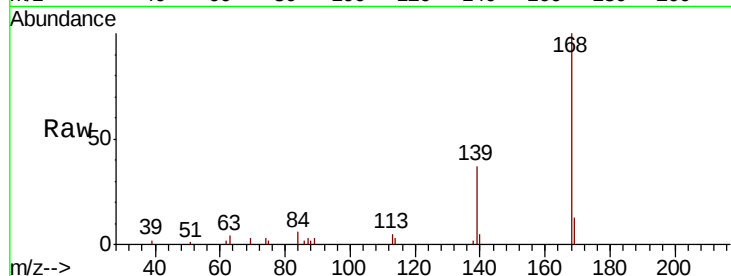




#54
Dibenzofuran
Concen: 4.307 ng/ul
RT: 14.79 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BN004388.D
Acq: 13 Feb 2019 12:20

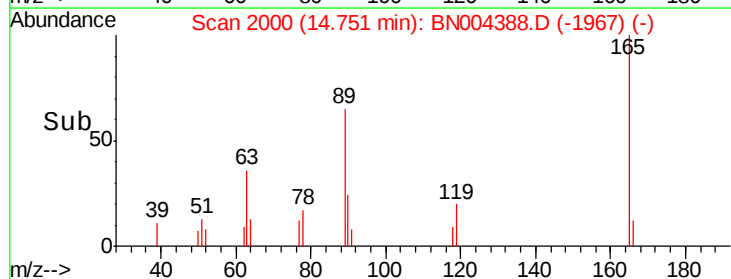
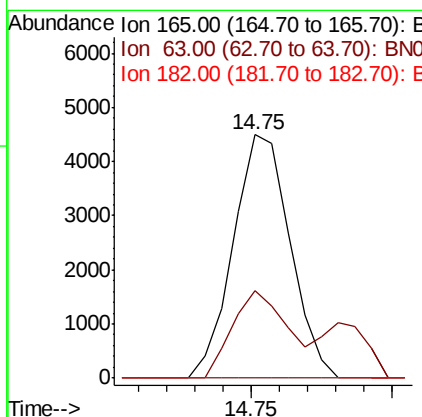
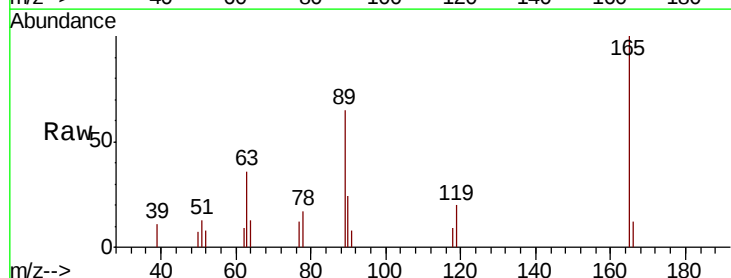
Instrument :
BNA_N
ClientSampled :
MDL-W-03

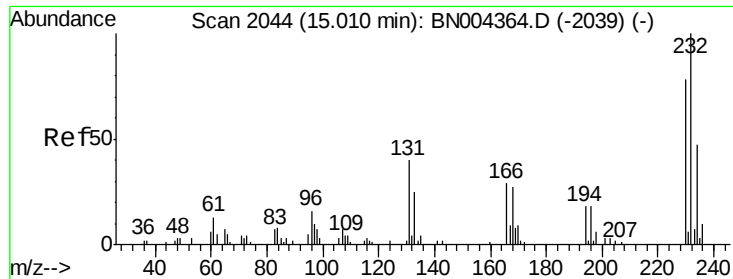
Tot Ion:168 Resp: 34224
Ion Ratio Lower Upper
168 100
139 36.7 29.8 44.6



#55
2,4-Dinitrotoluene
Concen: 3.384 ng/ul
RT: 14.75 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BN004388.D
Acq: 13 Feb 2019 12:20

Tgt Ion:165 Resp: 6272
Ion Ratio Lower Upper
165 100
63 35.8 27.6 41.4
182 0.0 2.3 3.5#

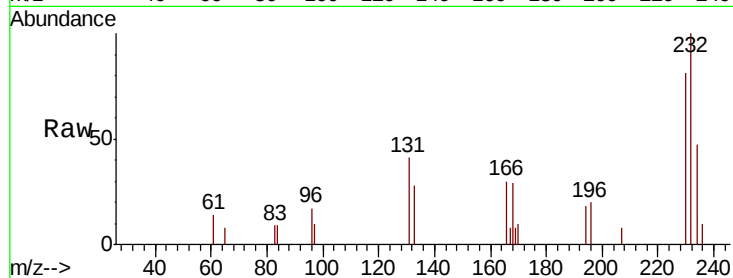




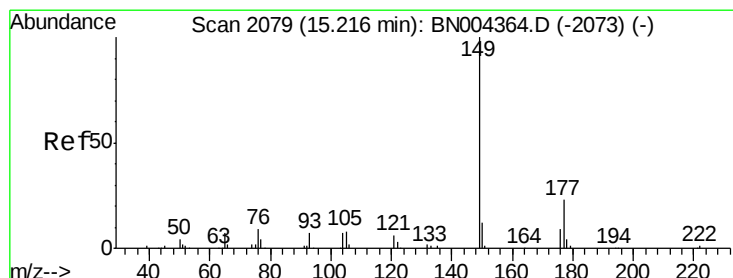
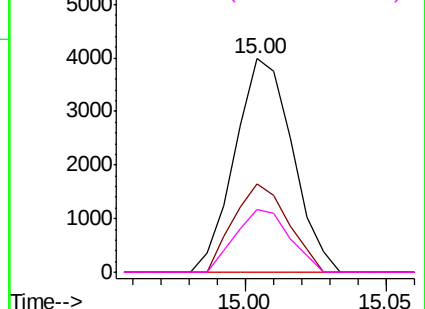
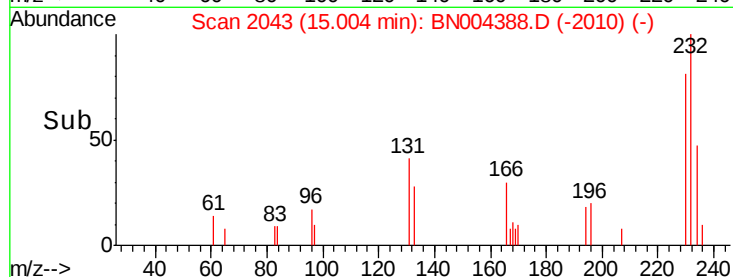
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.506 ng/ul
 RT: 15.00 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BN004388.D
 Acq: 13 Feb 2019 12:20

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-03

Tot Ion:232 Resp: 5649
 Ion Ratio Lower Upper
 232 100
 131 41.4 33.4 50.0
 130 0.0 1.8 2.8#
 166 29.5 23.4 35.0

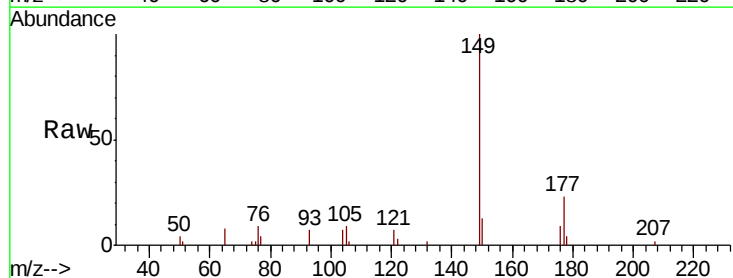


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

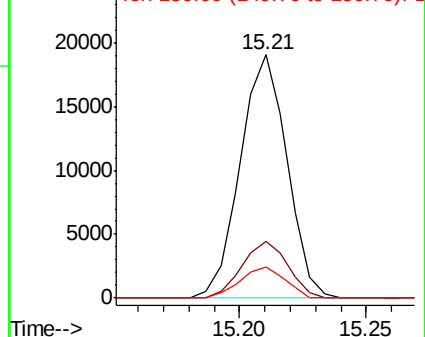
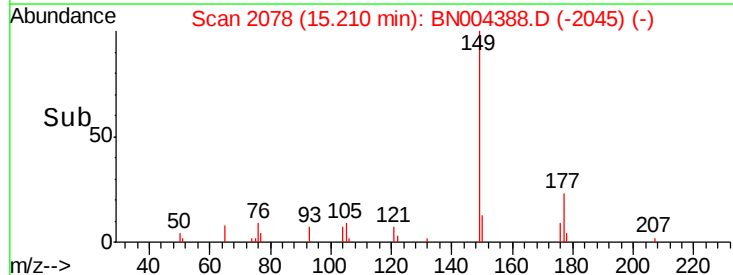


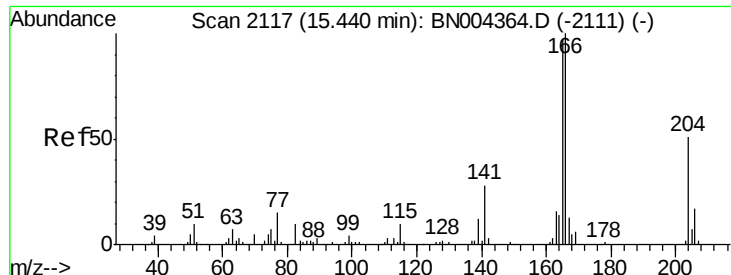
#57
 Diethylphthalate
 Concen: 3.702 ng/ul
 RT: 15.21 min Scan# 2078
 Delta R.T. -0.01 min
 Lab File: BN004388.D
 Acq: 13 Feb 2019 12:20

Tgt Ion:149 Resp: 24481
 Ion Ratio Lower Upper
 149 100
 177 23.3 18.0 27.0
 150 13.0 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 4.325 ng/ul

RT: 15.43 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

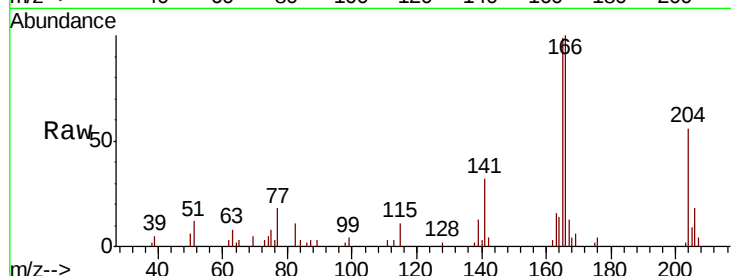
Tot Ion:166 Resp: 27847

Ion Ratio Lower Upper

166 100

165 98.6 78.0 117.0

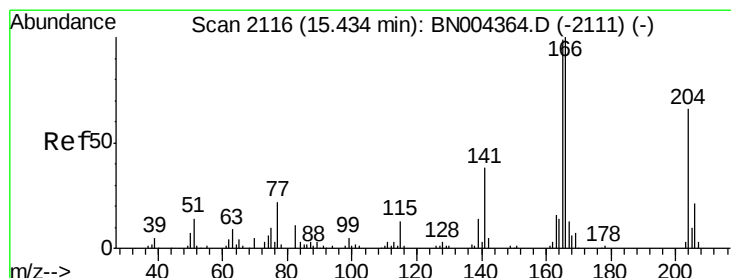
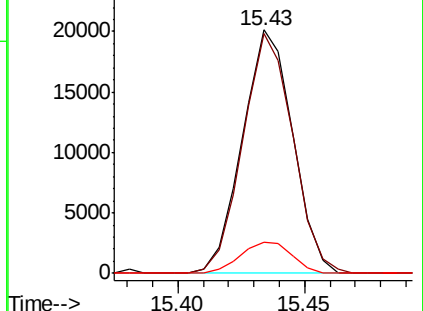
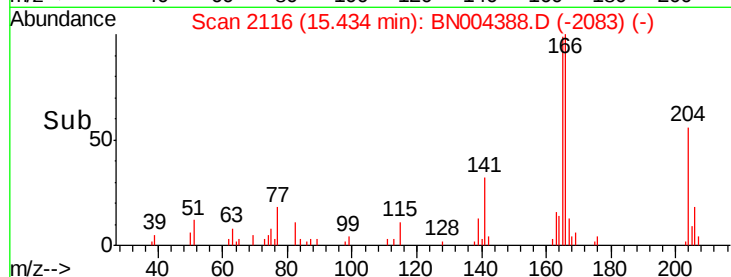
167 13.1 10.8 16.2



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-Chlorophenyl-phenylether

Concen: 4.327 ng/ul

RT: 15.43 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

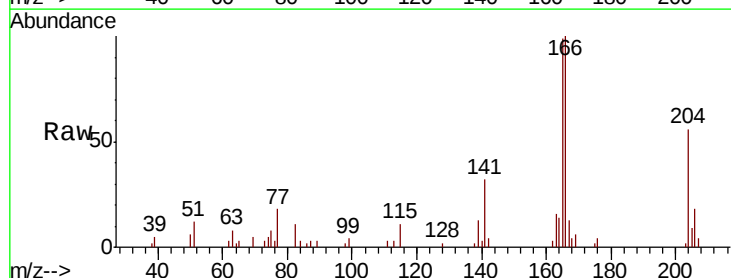
Tgt Ion:204 Resp: 14743

Ion Ratio Lower Upper

204 100

206 31.9 26.5 39.7

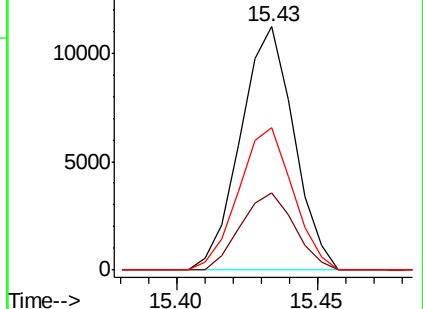
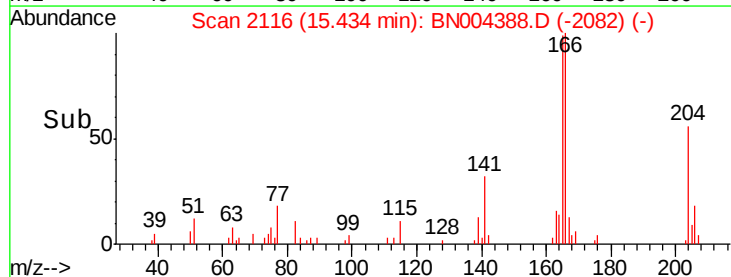
141 58.3 44.8 67.2

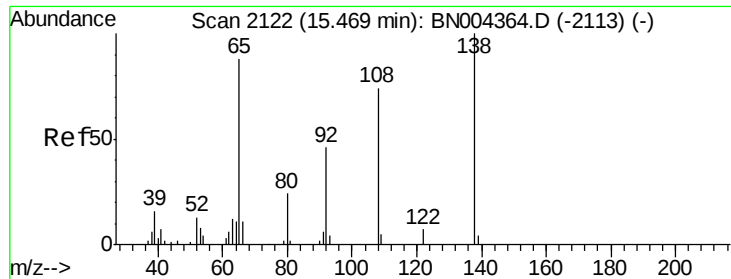


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

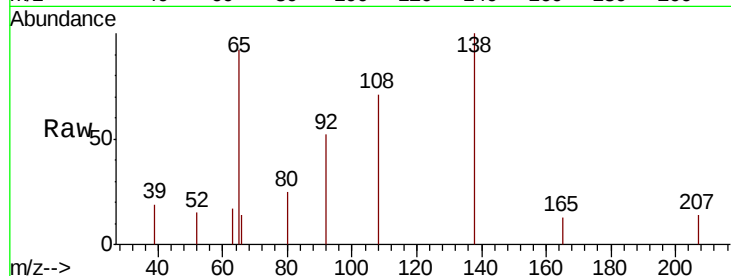




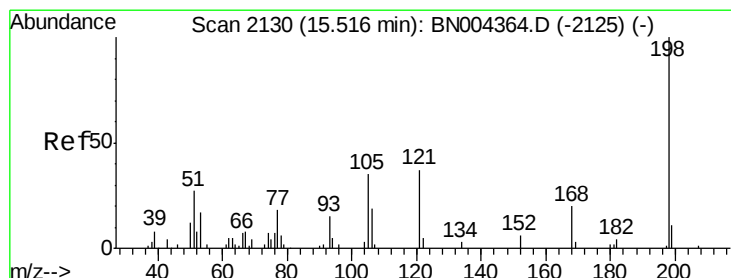
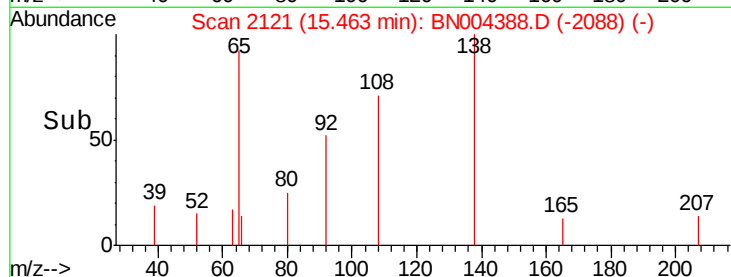
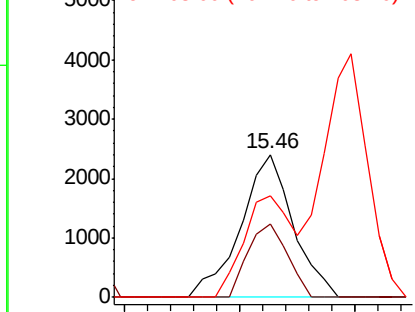
#61
4-Nitroaniline
Concen: 2.420 ng/ul
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BN004388.D
Acq: 13 Feb 2019 12:20

Instrument :
BNA_N
ClientSampleId :
MDL-W-03

Tot Ion:138 Resp: 3797
Ion Ratio Lower Upper
138 100
92 51.9 37.8 56.8
108 71.1 61.7 92.5

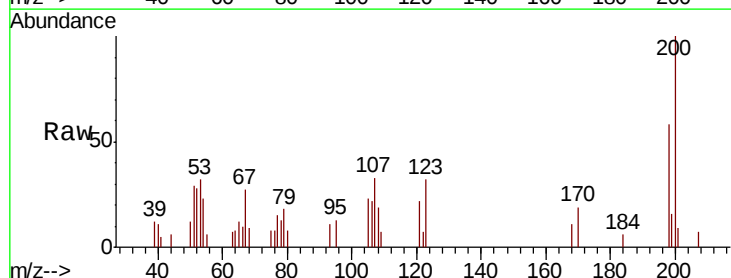


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BNO
Ion 108.00 (107.70 to 108.70): E

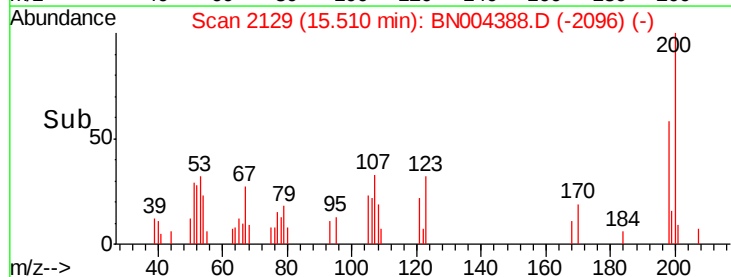
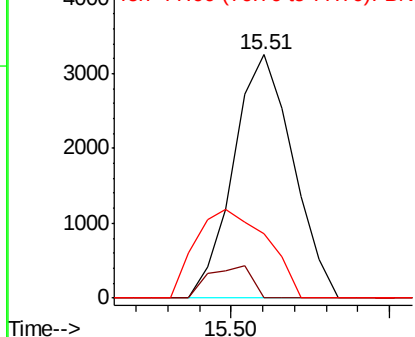


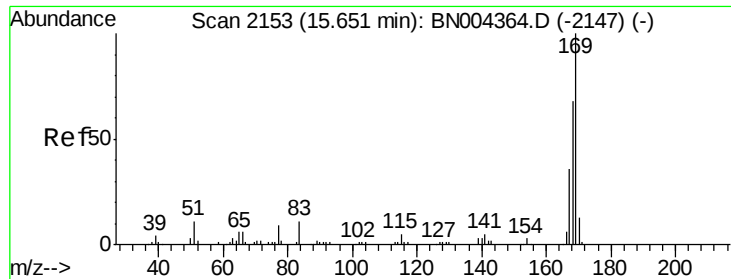
#64
4,6-Dinitro-2-methylphenol
Concen: 3.498 ng/ul
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BN004388.D
Acq: 13 Feb 2019 12:20

Tgt Ion:198 Resp: 4226
Ion Ratio Lower Upper
198 100
182 0.0 3.3 4.9#
77 26.7 16.2 24.4#



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

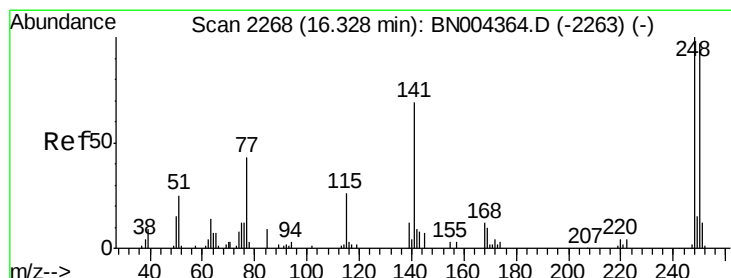
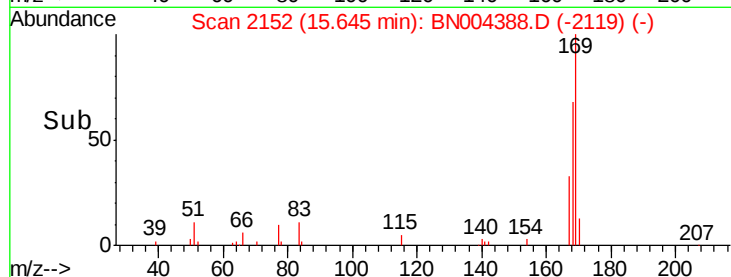
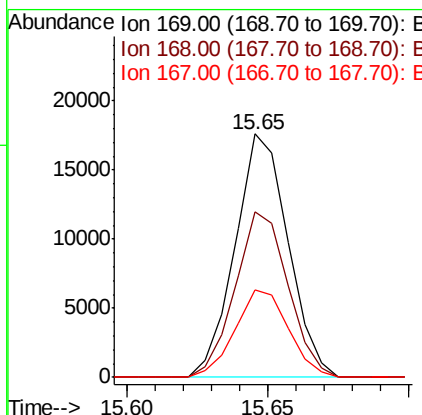
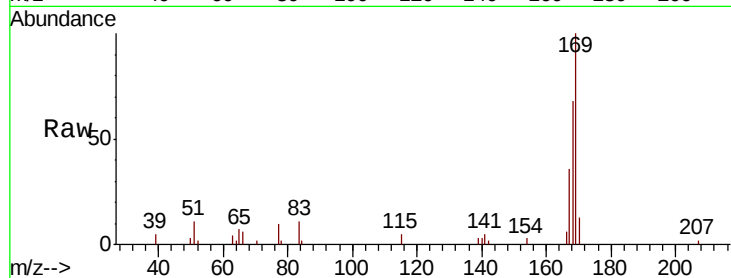




#65
N-Nitrosodiphenylamine
Concen: 4.065 ng/ul
RT: 15.65 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BN004388.D
Acq: 13 Feb 2019 12:20

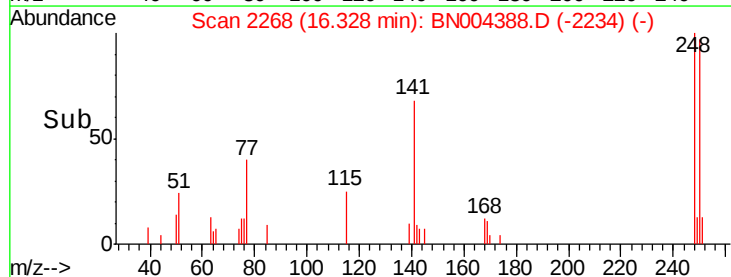
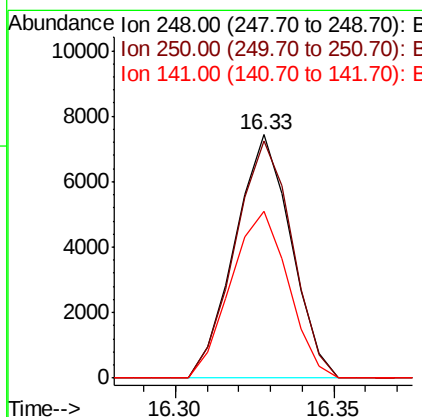
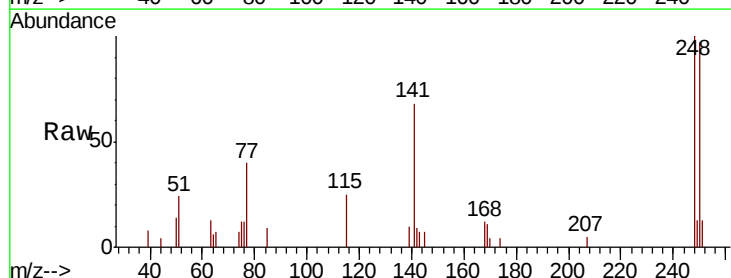
Instrument :
BNA_N
ClientSampleId :
MDL-W-03

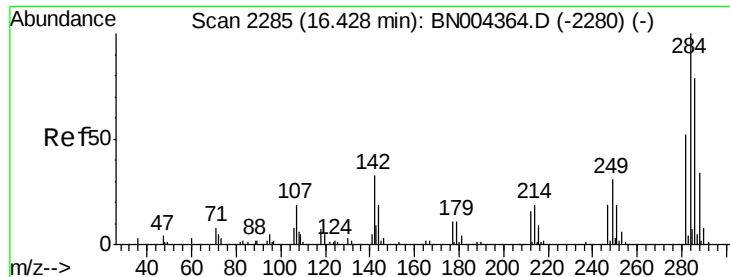
Tot Ion:169 Resp: 22941
Ion Ratio Lower Upper
169 100
168 67.8 53.8 80.6
167 35.9 29.0 43.4



#66
4-Bromophenyl-phenylether
Concen: 4.144 ng/ul
RT: 16.33 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BN004388.D
Acq: 13 Feb 2019 12:20

Tgt Ion:248 Resp: 9126
Ion Ratio Lower Upper
248 100
250 97.4 77.9 116.9
141 68.4 55.1 82.7





#67

Hexachlorobenzene

Concen: 4.229 ng/ul

RT: 16.43 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

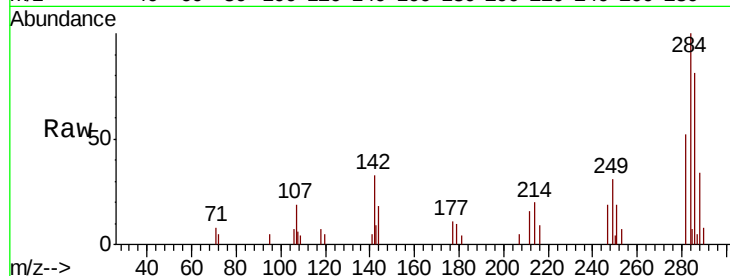
Tot Ion:284 Resp: 10908

Ion Ratio Lower Upper

284 100

142 33.2 24.5 36.7

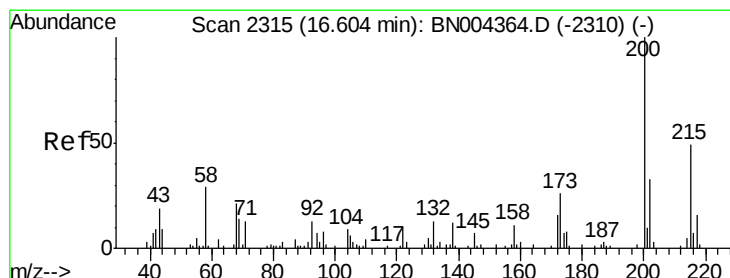
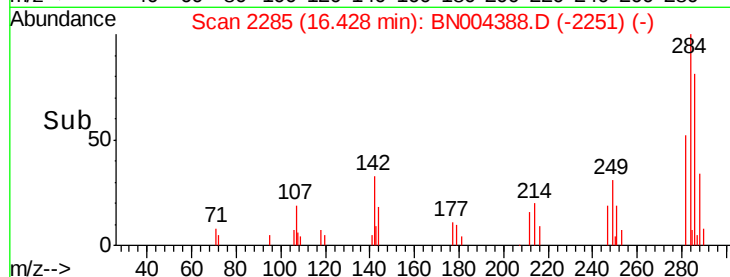
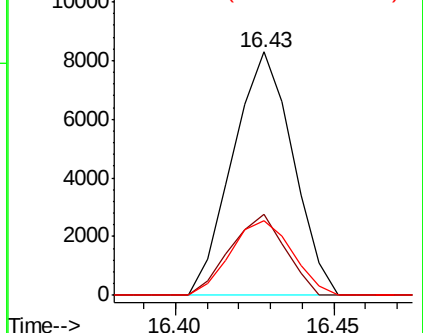
249 30.6 25.0 37.6



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 3.089 ng/ul

RT: 16.60 min Scan# 2314

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

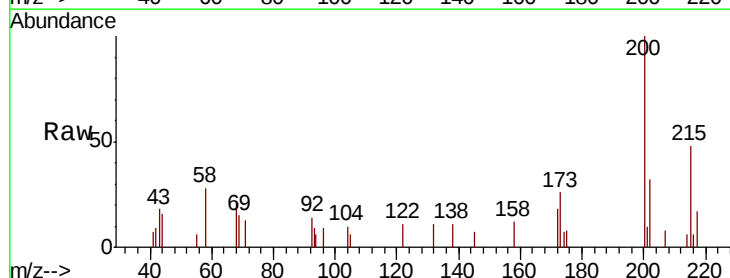
Tgt Ion:200 Resp: 6716

Ion Ratio Lower Upper

200 100

173 25.8 20.1 30.1

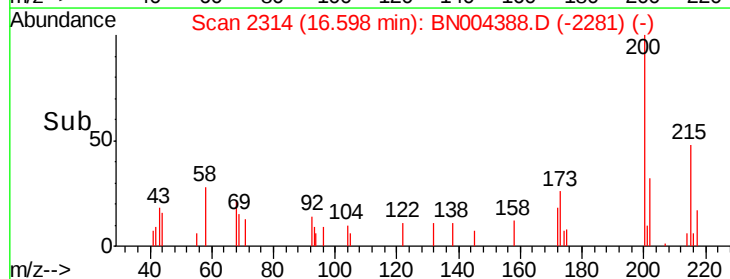
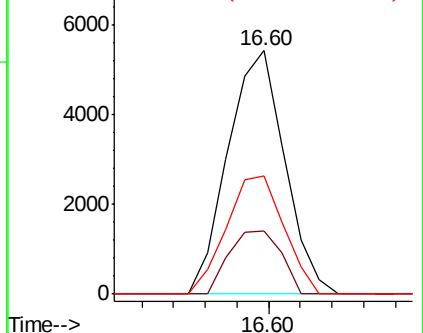
215 48.3 39.1 58.7

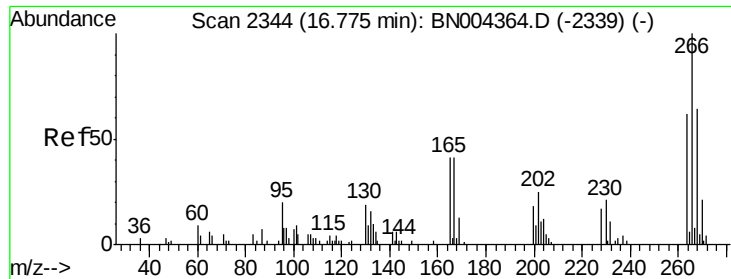


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

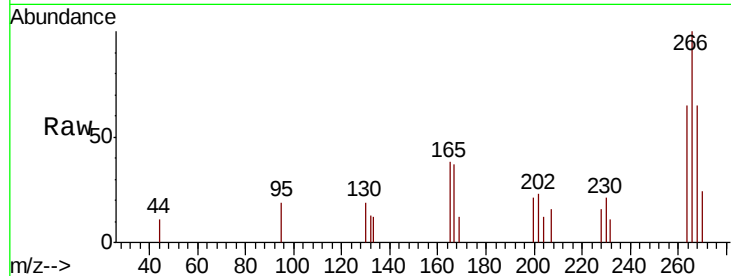




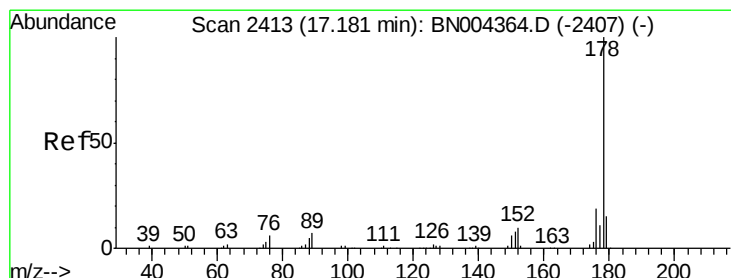
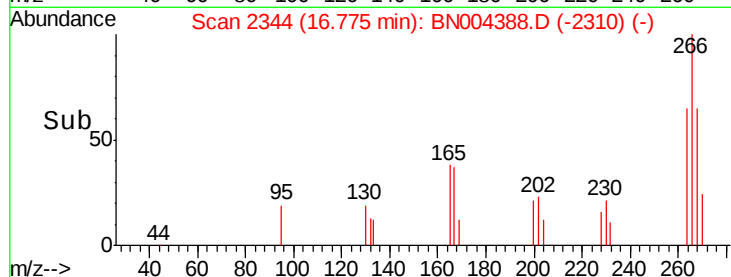
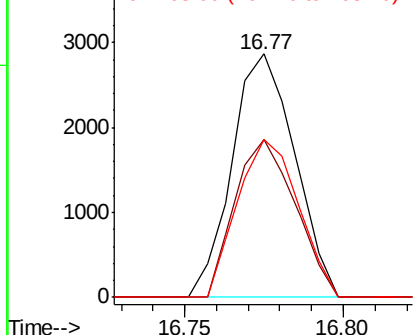
#69
 Pentachlorophenol
 Concen: 2.619 ng/ul
 RT: 16.77 min Scan# 2344
 Delta R.T. 0.00 min
 Lab File: BN004388.D
 Acq: 13 Feb 2019 12:20

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-03

Tot Ion:266 Resp: 3938
 Ion Ratio Lower Upper
 266 100
 264 64.9 50.3 75.5
 268 64.7 49.6 74.4

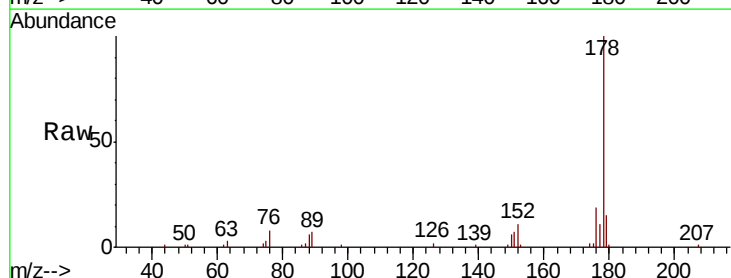


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

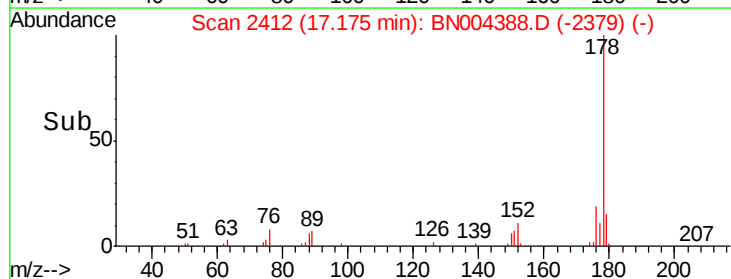
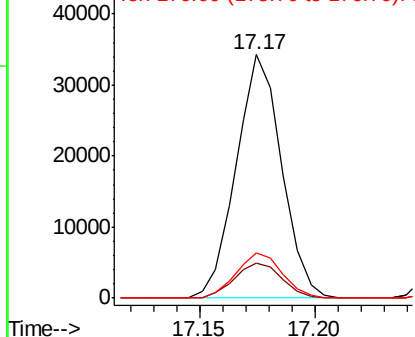


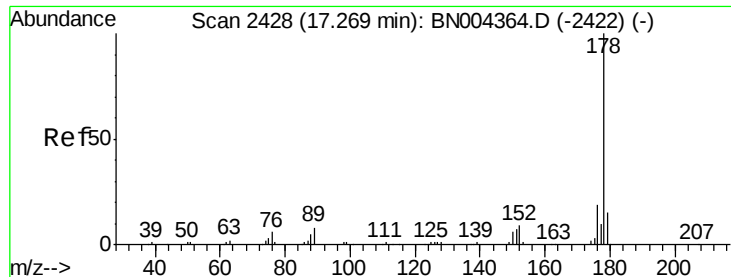
#70
 Phenanthrene
 Concen: 4.292 ng/ul
 RT: 17.17 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BN004388.D
 Acq: 13 Feb 2019 12:20

Tgt Ion:178 Resp: 46936
 Ion Ratio Lower Upper
 178 100
 179 14.6 12.3 18.5
 176 18.5 15.4 23.0



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: 4.316 ng/ul

RT: 17.27 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

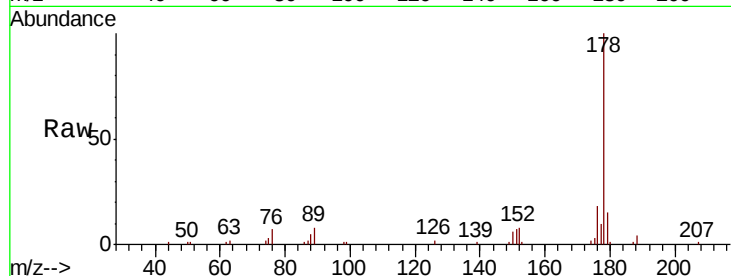
BNA_N

ClientSampleId :

MDL-W-03

Tot Ion:178 Resp: 47520

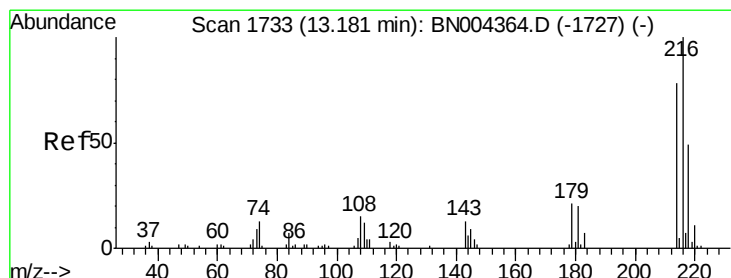
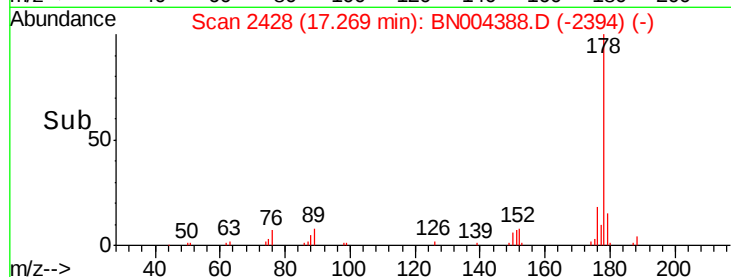
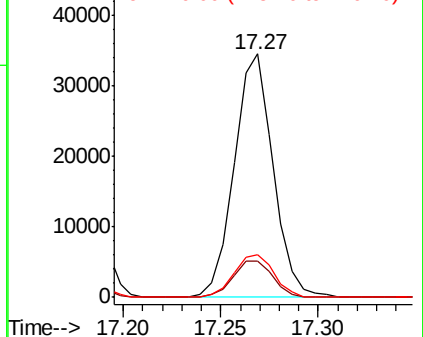
Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.2	18.4
176	17.7	14.9	22.3



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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 4.374 ng/uL

RT: 13.17 min Scan# 1732

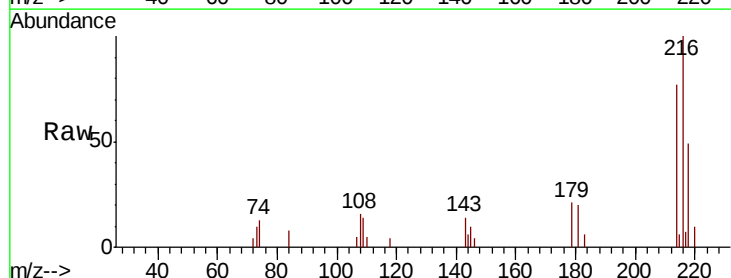
Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Tgt Ion:216 Resp: 11824

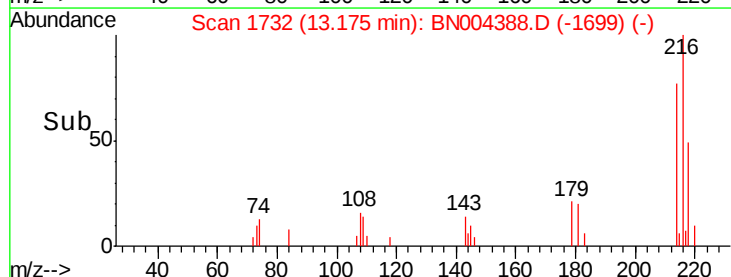
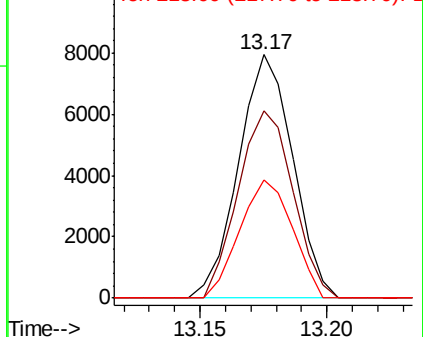
Ion	Ratio	Lower	Upper
216	100		
214	76.8	61.9	92.9
218	48.6	38.7	58.1

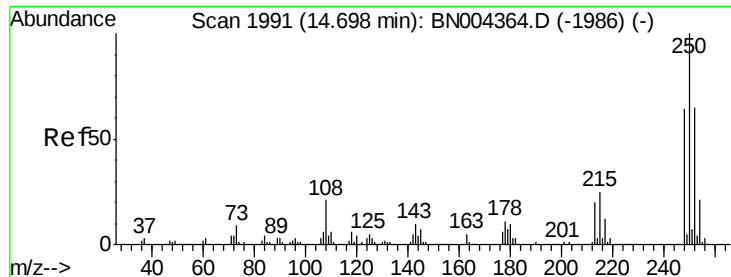


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 4.380 ng/uL

RT: 14.70 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

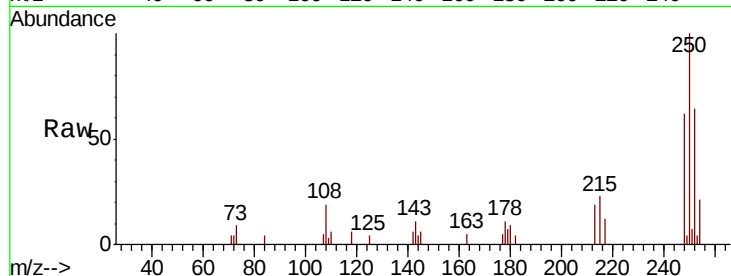
Tot Ion:250 Resp: 12655

Ion Ratio Lower Upper

250 100

248 62.1 51.5 77.3

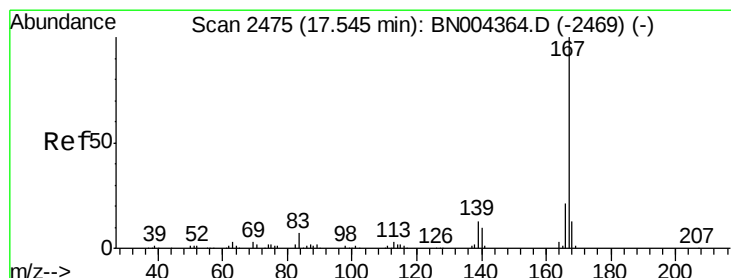
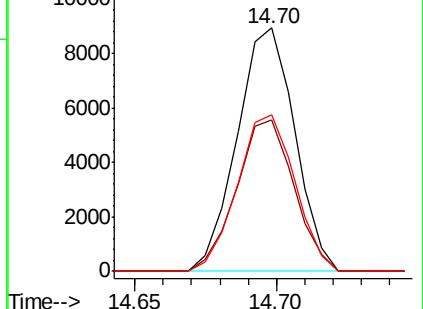
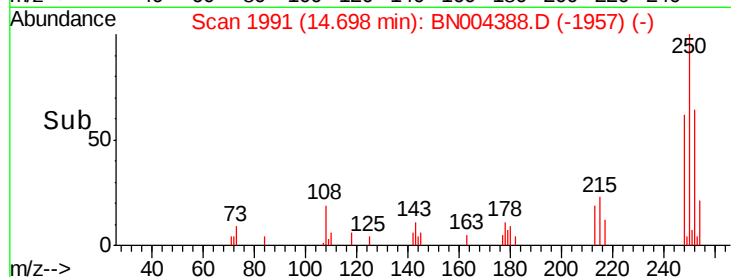
252 64.5 50.4 75.6



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 3.893 ng/uL

RT: 17.54 min Scan# 2474

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

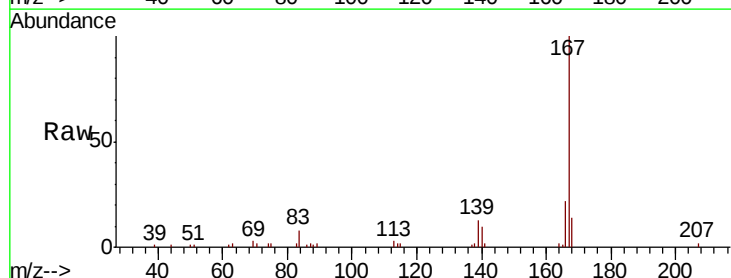
Tgt Ion:167 Resp: 38291

Ion Ratio Lower Upper

167 100

166 22.1 17.5 26.3

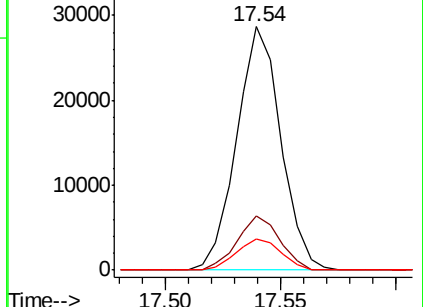
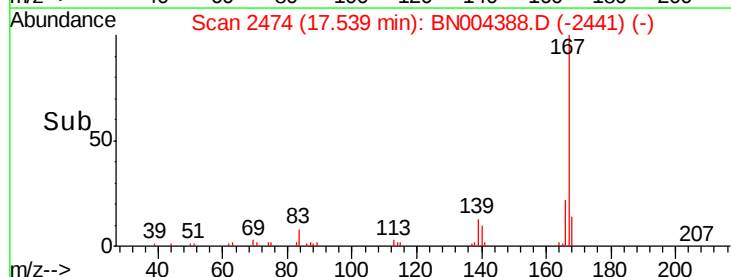
139 12.6 10.4 15.6

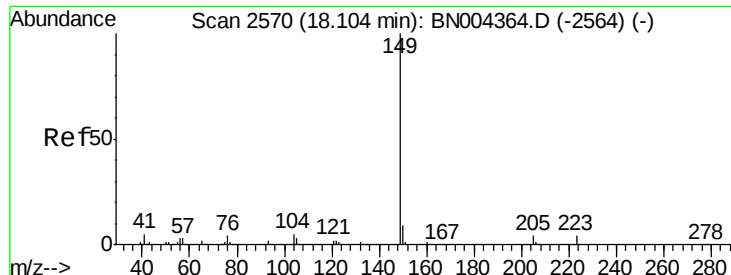


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

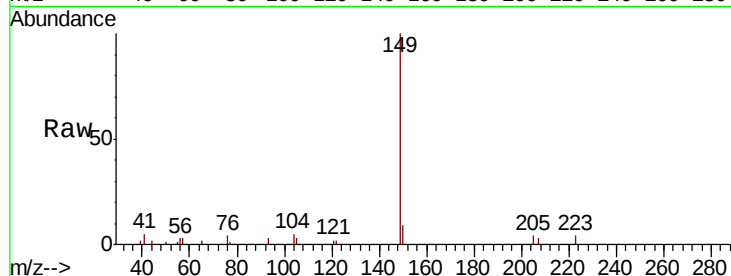




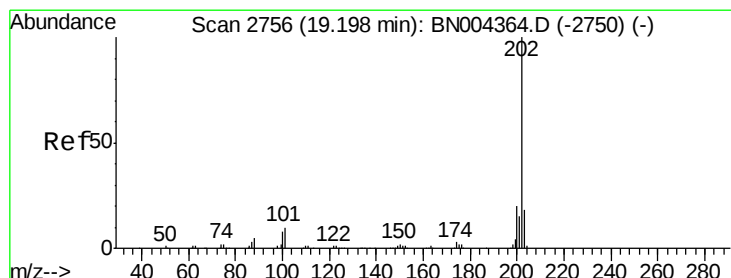
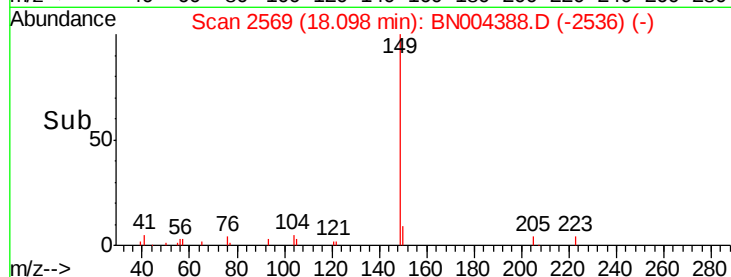
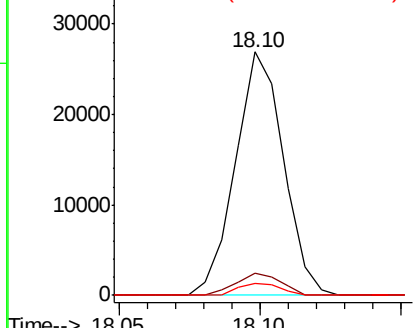
#76
Di-n-butylphthalate
Concen: 2.948 ng/ul
RT: 18.10 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BN004388.D
Acq: 13 Feb 2019 12:20

Instrument :
BNA_N
ClientSampleId :
MDL-W-03

Tot Ion:149 Resp: 31837
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 4.9 3.7 5.5

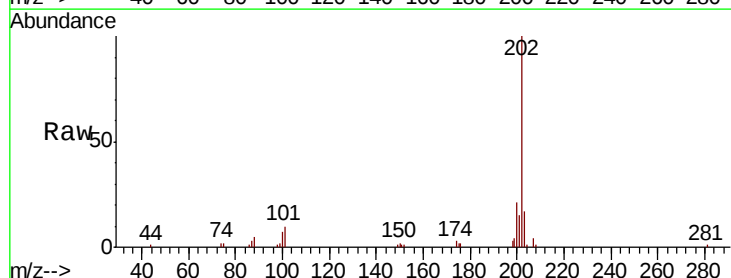


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

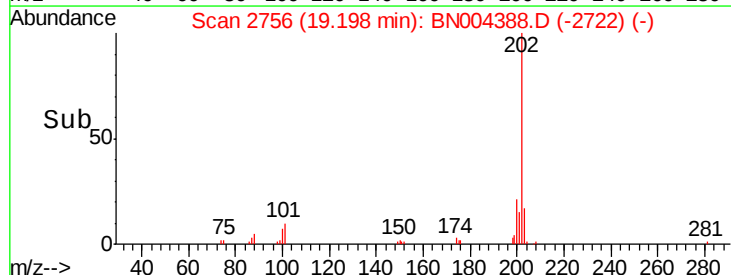
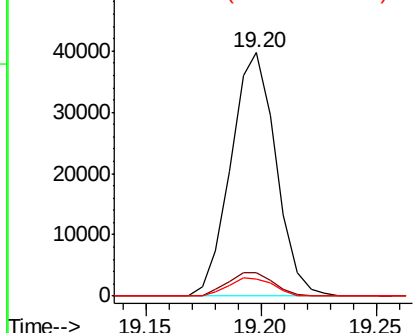


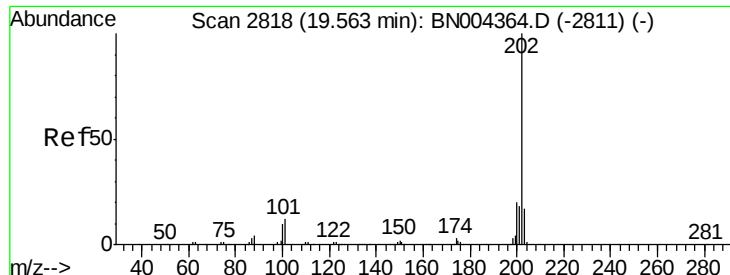
#77
Fluoranthene
Concen: 4.008 ng/ul
RT: 19.20 min Scan# 2756
Delta R.T. 0.00 min
Lab File: BN004388.D
Acq: 13 Feb 2019 12:20

Tgt Ion:202 Resp: 53955
Ion Ratio Lower Upper
202 100
101 9.9 8.2 12.4
100 7.0 6.6 9.8



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

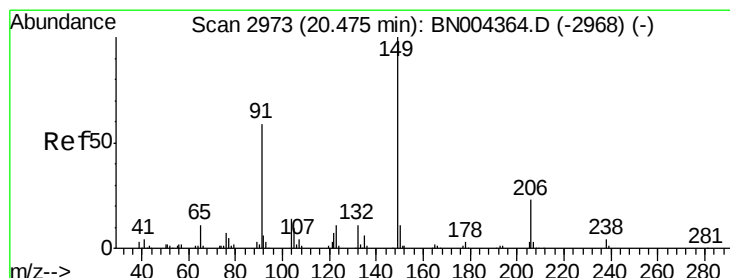
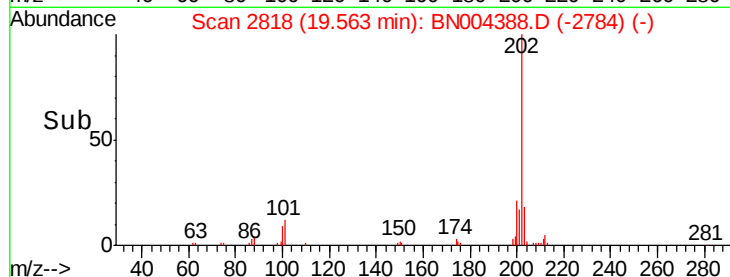
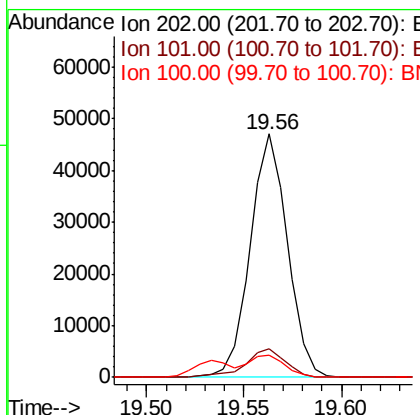
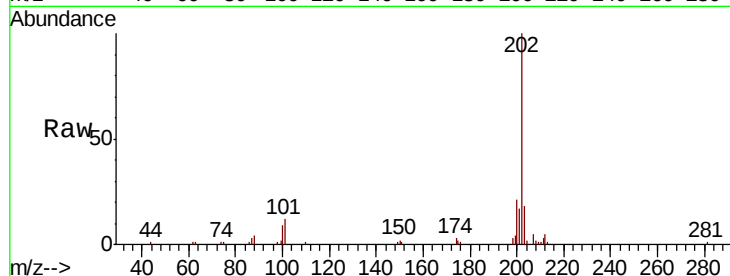




#80
Pvrene
Concen: 4.252 ng/ul
RT: 19.56 min Scan# 2818
Delta R.T. 0.00 min
Lab File: BN004388.D
Acq: 13 Feb 2019 12:20

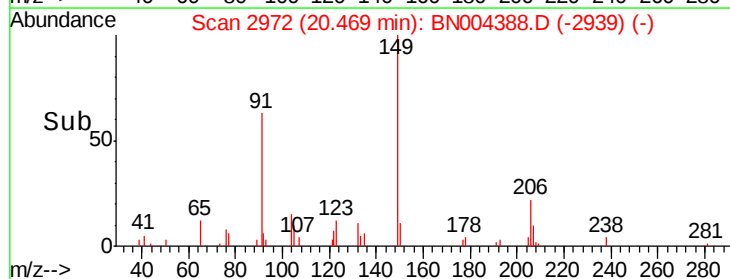
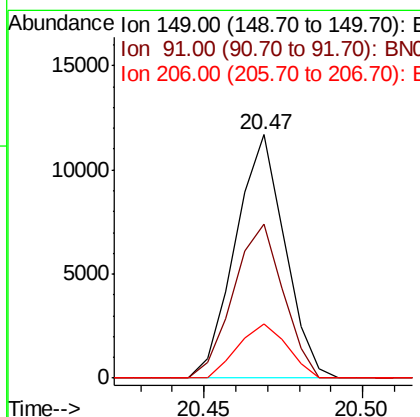
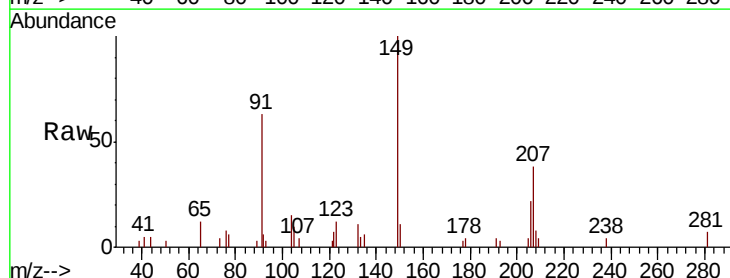
Instrument :
BNA_N
ClientSampleId :
MDL-W-03

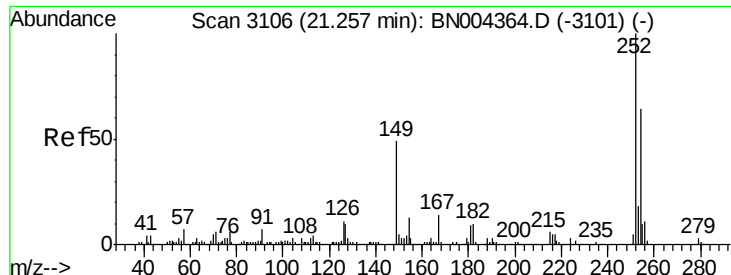
Tot Ion:202 Resp: 62069
Ion Ratio Lower Upper
202 100
101 11.8 9.2 13.8
100 9.3 7.5 11.3



#81
Butylbenzylphthalate
Concen: 2.524 ng/ul
RT: 20.47 min Scan# 2972
Delta R.T. -0.01 min
Lab File: BN004388.D
Acq: 13 Feb 2019 12:20

Tgt Ion:149 Resp: 12659
Ion Ratio Lower Upper
149 100
91 63.1 49.8 74.6
206 22.4 18.2 27.2





#82

3,3'-Dichlorobenzidine

Concen: 2.230 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

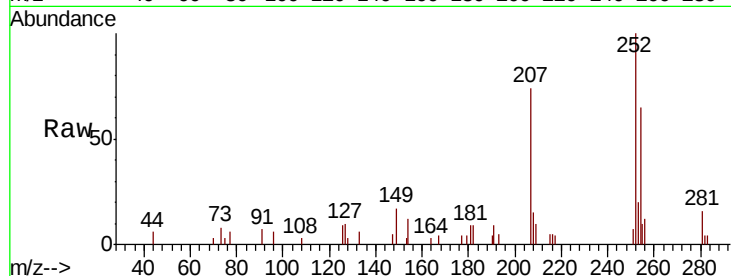
Tot Ion:252 Resp: 12345

Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.6

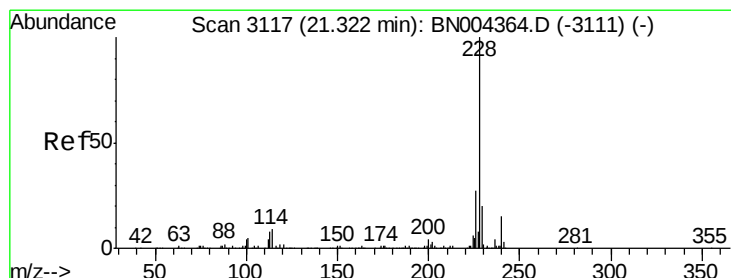
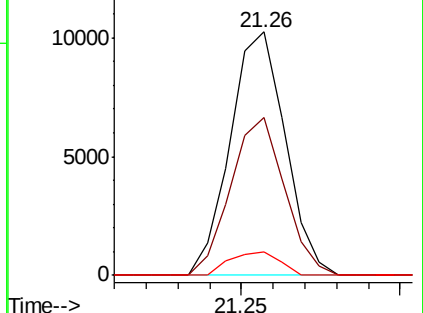
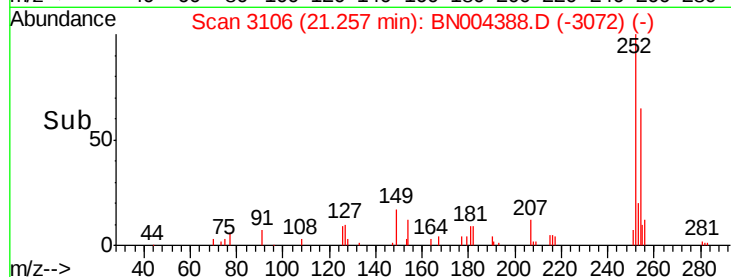
126 9.5 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 4.055 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

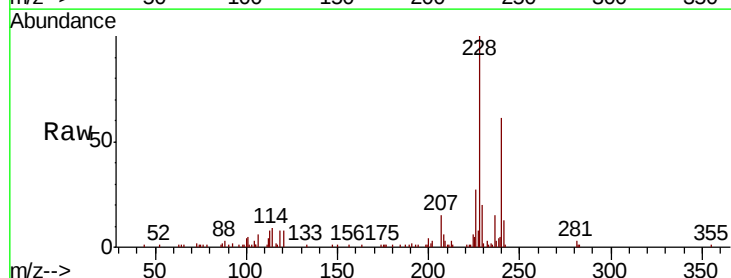
Tgt Ion:228 Resp: 65965

Ion Ratio Lower Upper

228 100

229 19.6 15.4 23.2

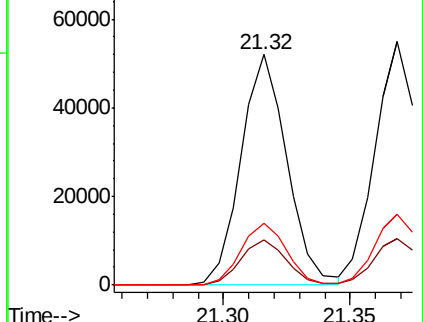
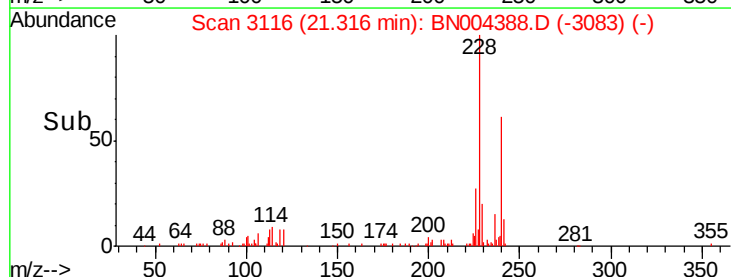
226 26.7 21.4 32.2

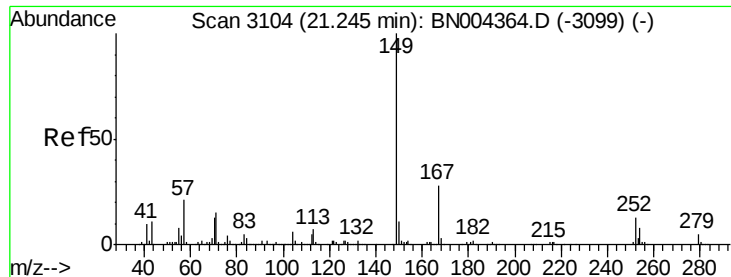


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.502 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

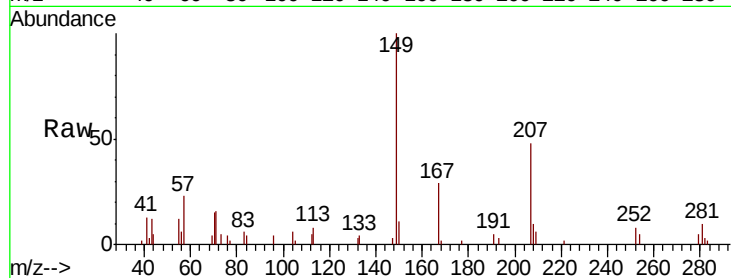
Tot Ion:149 Resp: 18808

Ion Ratio Lower Upper

149 100

167 28.7 22.7 34.1

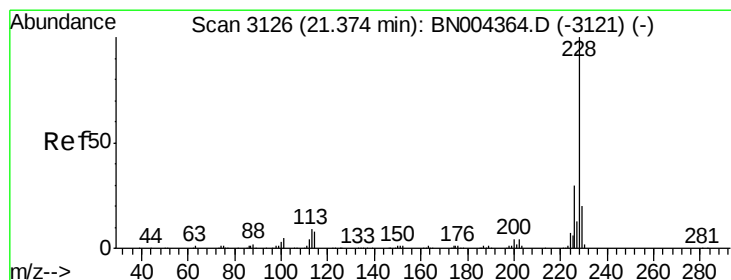
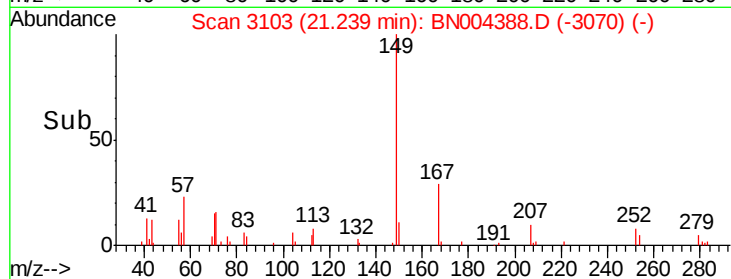
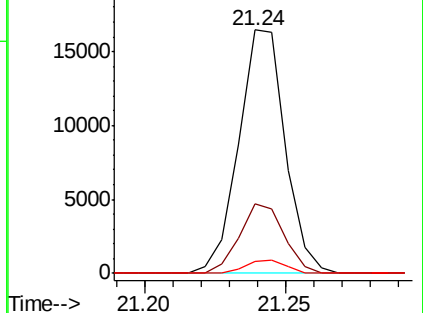
279 4.8 4.3 6.5



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: 4.255 ng/ul

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

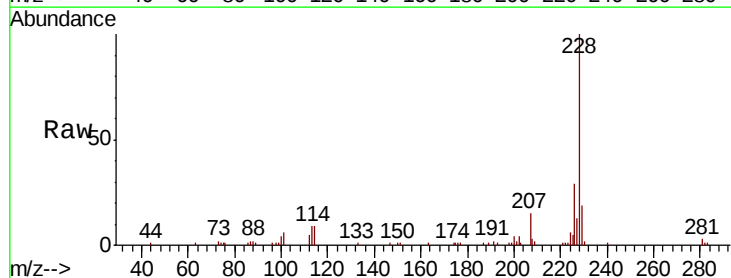
Tgt Ion:228 Resp: 65710

Ion Ratio Lower Upper

228 100

226 28.9 24.0 36.0

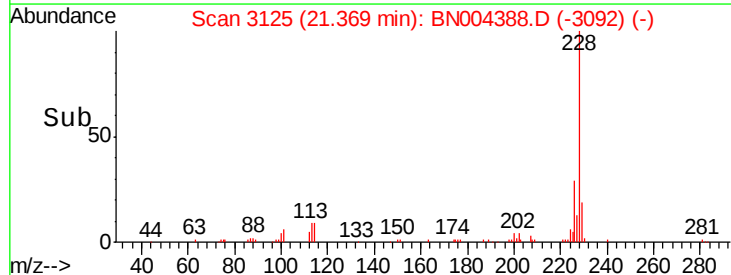
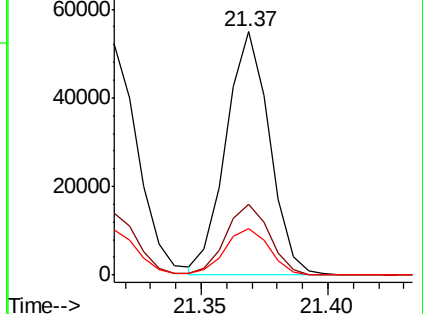
229 18.9 15.7 23.5

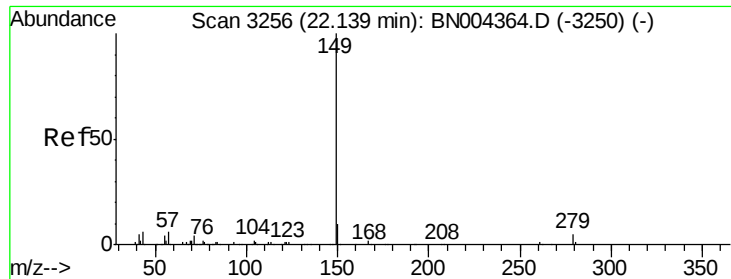


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

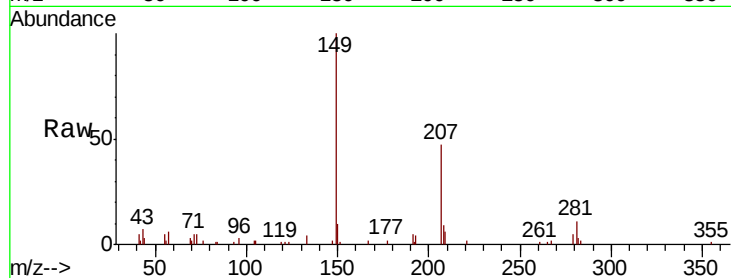




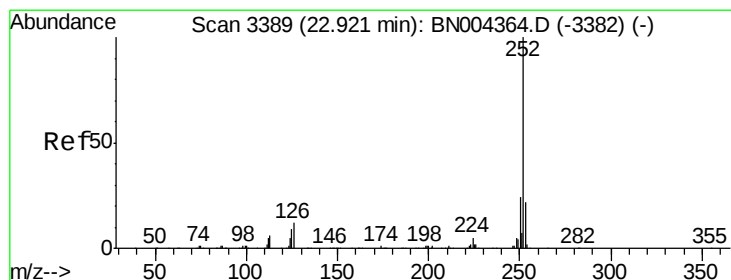
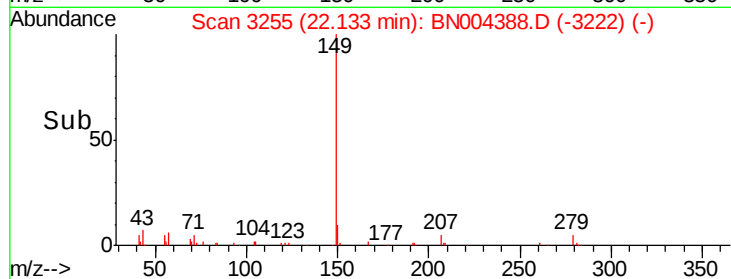
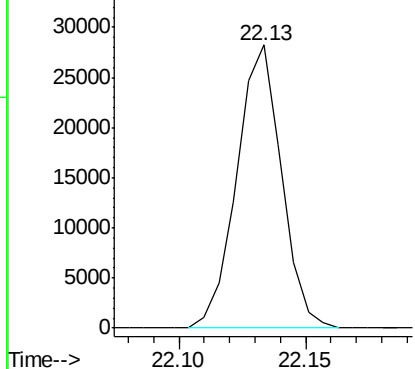
#87
Di-n-octyl phthalate
Concen: 2.357 ng/ul
RT: 22.13 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BN004388.D
Acq: 13 Feb 2019 12:20

Instrument :
BNA_N
ClientSampleId :
MDL-W-03

Tgt Ion:149 Resp: 34629

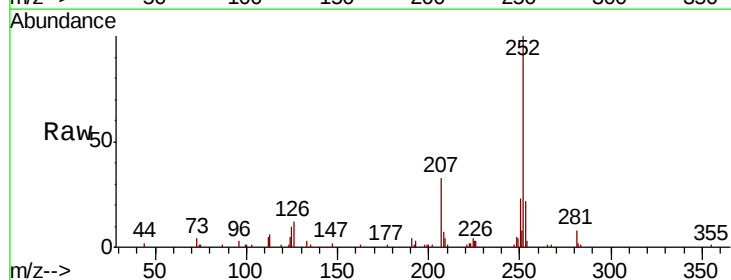


Abundance Ion 149.00 (148.70 to 149.70): E



#88
Benzo(b)fluoranthene
Concen: 3.984 ng/ul
RT: 22.92 min Scan# 3388
Delta R.T. -0.01 min
Lab File: BN004388.D
Acq: 13 Feb 2019 12:20

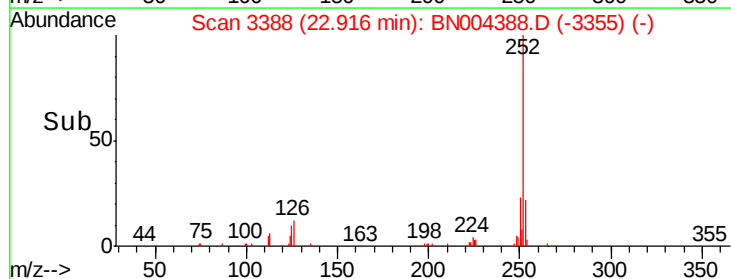
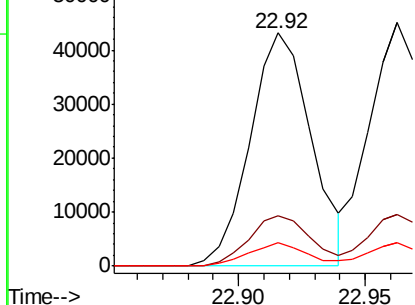
Tgt Ion:252 Resp: 72412
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 9.8 7.4 11.2

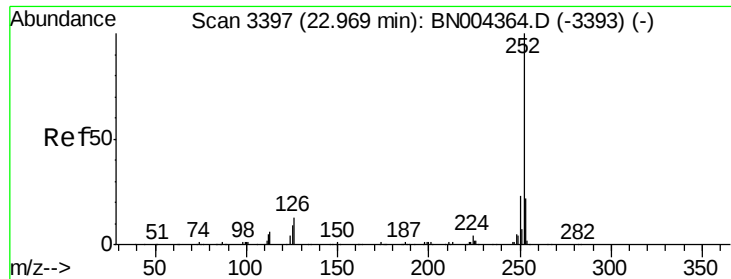


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.995 ng/ul

RT: 22.96 min Scan# 3396

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

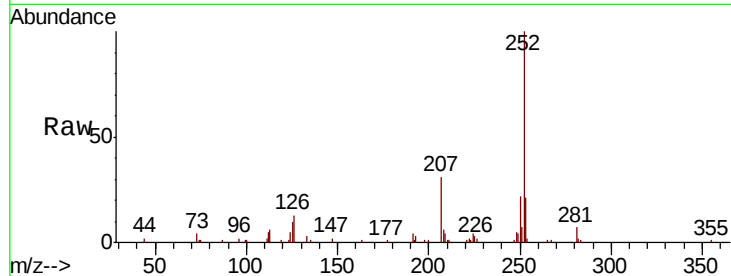
Tot Ion:252 Resp: 70574

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

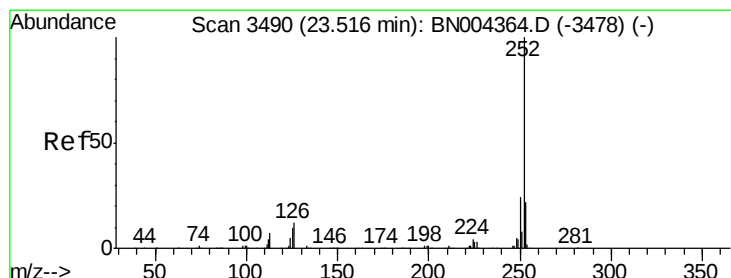
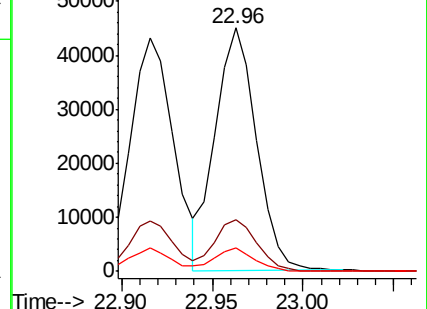
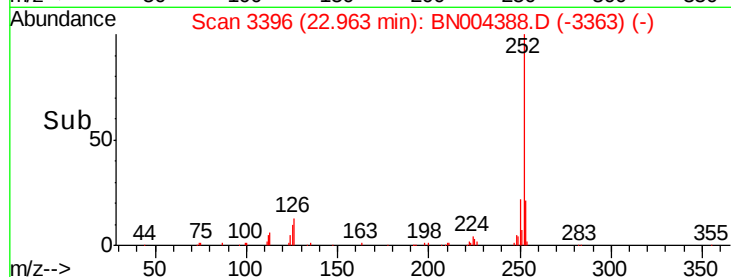
125 9.7 7.4 11.0



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



#91

Benzo(a)pyrene

Concen: 4.165 ng/ul

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

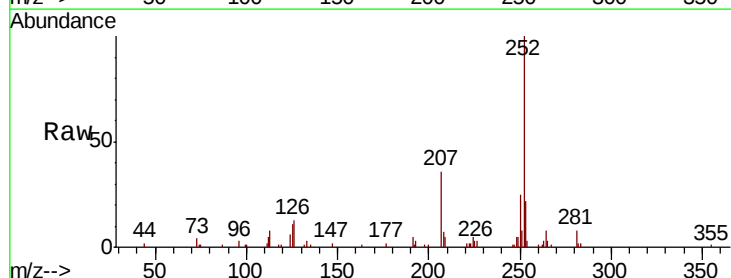
Tgt Ion:252 Resp: 73856

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

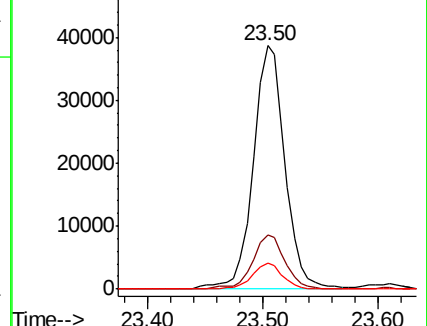
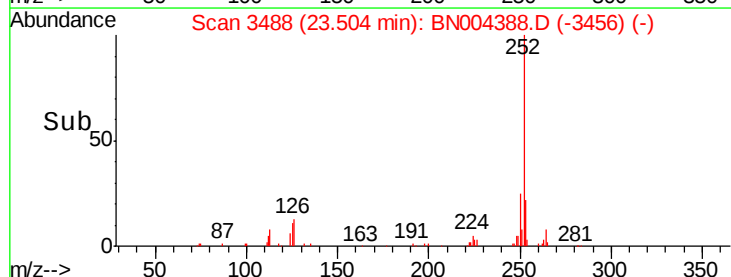
125 10.7 8.4 12.6

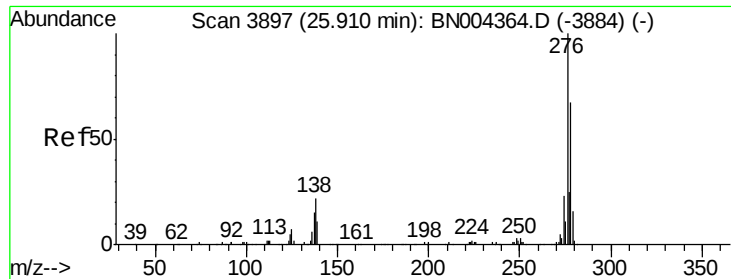


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 4.043 ng/ul

RT: 25.90 min Scan# 3895

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

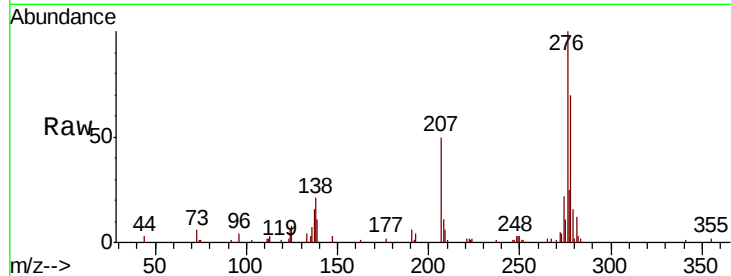
Tot Ion:276 Resp: 91031

Ion Ratio Lower Upper

276 100

138 21.4 18.7 28.1

277 25.1 19.8 29.8

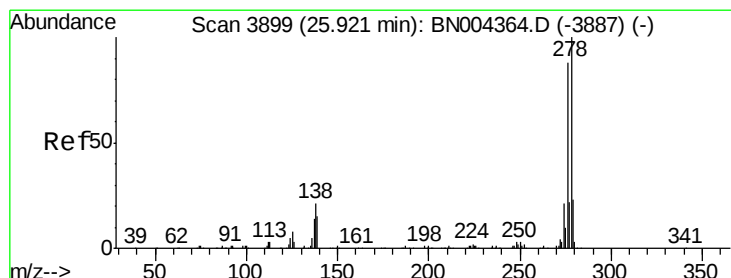
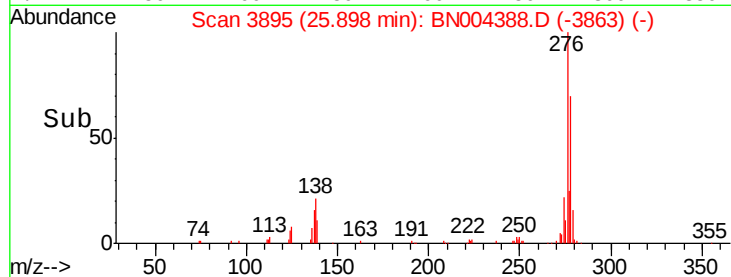
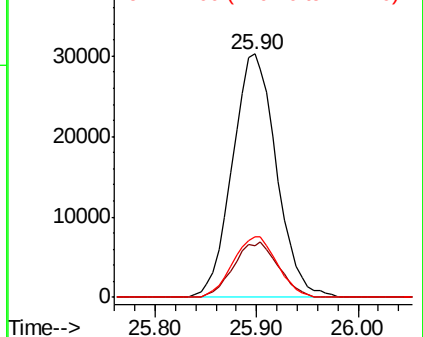


Abundance

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



#93

Dibenzo(a,h)anthracene

Concen: 4.090 ng/ul

RT: 25.91 min Scan# 3897

Delta R.T. -0.01 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

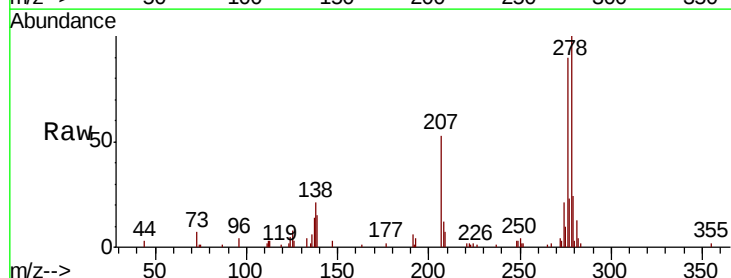
Tgt Ion:278 Resp: 76619

Ion Ratio Lower Upper

278 100

139 14.8 12.4 18.6

279 23.5 19.3 28.9

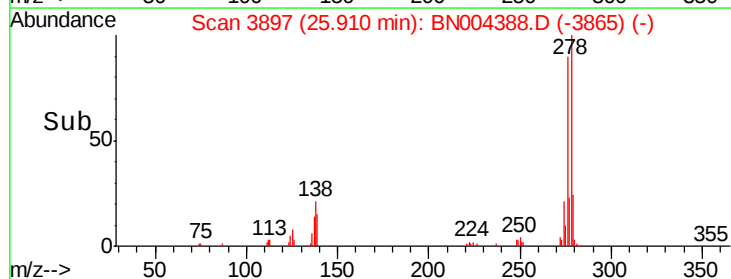
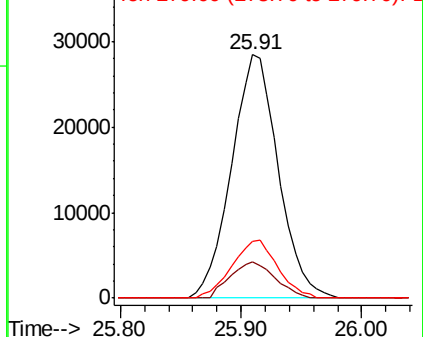


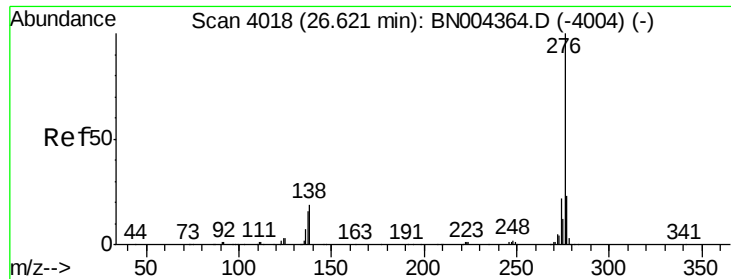
Abundance

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(a,h,i)perylene

Concen: 4.098 ng/ul

RT: 26.60 min Scan# 4015

Delta R.T. -0.02 min

Lab File: BN004388.D

Acq: 13 Feb 2019 12:20

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

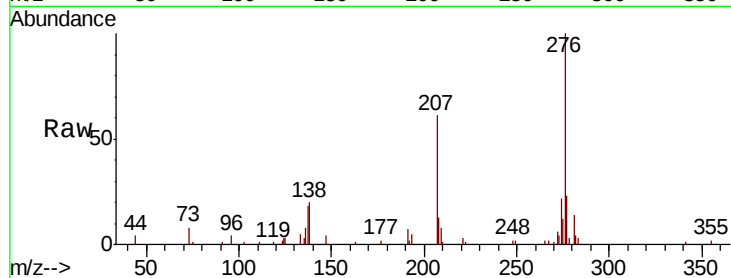
Tot Ion: 276 Resp: 77336

Ion Ratio Lower Upper

276 100

138 20.1 16.7 25.1

277 23.2 19.0 28.6



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

