

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
 Data File : BN004389.D
 Acq On : 13 Feb 2019 12:55
 Operator : JU/SJ
 Sample : MDL-W-04
 Misc : 1PPM/4PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-04

Quant Time: Feb 13 14:47:57 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	25371	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	121010	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	77420	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	190901	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	256079	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	295409	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	2587	6.13	ng/uL	0.00
5) Phenol-d5	6.90	99	59617	26.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	33184	29.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	54490	29.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	51943	26.73	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	24969	31.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	26120	31.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	54035	28.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	75143	35.84	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	200720	30.57	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	240307	30.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	31835	25.33	ng/ul	0.00
58) Fluorene-d10	15.38	176	176687	30.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	26740	24.02	ng/ul	0.00
71) Anthracene-d10	17.23	188	287397	31.41	ng/ul	0.00
79) Pyrene-d10	19.53	212	354628	30.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	439953	28.38	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.28	88	783	1.508	ng/uL# 79
4) Benzaldehyde	6.90	77	3236	2.493	ng/ul 95
6) Phenol	6.93	94	7910	3.504	ng/ul 97
8) Bis(2-Chloroethyl)ether	7.18	93	5769	3.572	ng/ul 97
10) 2-Chlorophenol	7.31	128	6728	3.685	ng/ul 97
11) 2-Methylphenol	8.18	108	5561	3.080	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.28	45	7112	3.716	ng/ul 98
14) Acetophenone	8.57	105	9871	3.408	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.55	70	3964	3.190	ng/ul# 94
16) 4-Methylphenol	8.50	108	6663	3.334	ng/ul 99
17) Hexachloroethane	8.82	117	2404	3.761	ng/ul 99
20) Nitrobenzene	8.95	77	7148	4.078	ng/ul 96
21) Isophorone	9.46	82	11129	3.100	ng/ul 99
23) 2-Nitrophenol	9.66	139	3521	3.754	ng/ul 98
24) 2,4-Dimethylphenol	9.70	107	7655	3.618	ng/ul 96
25) Bis(2-Chloroethoxy)methane	9.95	93	8079	3.468	ng/ul 99
27) 2,4-Dichlorophenol	10.18	162	7154	3.822	ng/ul 89
28) Naphthalene	10.59	128	25198	4.039	ng/ul 98
30) 4-Chloroaniline	10.70	127	7368	3.511	ng/ul 93
31) Hexachlorobutadiene	10.86	225	5003	4.134	ng/ul 97
32) Caprolactam	11.48	113	991	1.568	ng/ul 95
33) 4-Chloro-3-methylphenol	11.81	107	6396	3.168	ng/ul 99
34) 2-Methylnaphthalene	12.20	142	18869	3.943	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	18703	3.963	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	10644	4.130	ng/ul	99
38) Hexachlorocyclopentadiene	12.53	237	5369	3.351	ng/ul	94
39) 2,4,6-Trichlorophenol	12.81	196	4659	3.059	ng/ul	98
40) 2,4,5-Trichlorophenol	12.87	196	5360	3.133	ng/ul	93
41) 1,1'-Biphenyl	13.22	154	24885	3.978	ng/ul	100
42) 2-Chloronaphthalene	13.26	162	19335	3.974	ng/ul	100
43) 2-Nitroaniline	13.47	65	2692	2.710	ng/ul	94
45) Dimethylphthalate	13.85	163	25063	3.861	ng/ul	98
46) 2,6-Dinitrotoluene	13.97	165	3282	2.868	ng/ul	93
48) Acenaphthylene	14.11	152	29283	3.965	ng/ul	99
49) 3-Nitroaniline	14.30	138	2450	2.098	ng/ul#	96
50) Acenaphthene	14.45	153	21389	4.020	ng/ul	98
51) 2,4-Dinitrophenol	14.50	184	1419	1.993	ng/ul	97
53) 4-Nitrophenol	14.59	109	3290	3.520	ng/ul	94
54) Dibenzofuran	14.79	168	31192	4.053	ng/ul	99
55) 2,4-Dinitrotoluene	14.75	165	5620	3.131	ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	15.01	232	4947	3.169	ng/ul#	93
57) Diethylphthalate	15.21	149	22237	3.472	ng/ul	99
59) Fluorene	15.43	166	25569	4.100	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	13644	4.134	ng/ul	98
61) 4-Nitroaniline	15.46	138	3244	2.134	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.51	198	3807	3.253	ng/ul#	82
65) N-Nitrosodiphenylamine	15.65	169	20862	3.816	ng/ul	99
66) 4-Bromophenyl-phenylether	16.33	248	8214	3.851	ng/ul	98
67) Hexachlorobenzene	16.43	284	9891	3.959	ng/ul	98
68) Atrazine	16.59	200	6157	2.924	ng/ul	97
69) Pentachlorophenol	16.77	266	3484	2.392	ng/ul	95
70) Phenanthrene	17.17	178	43147	4.074	ng/ul	99
72) Anthracene	17.27	178	43186	4.050	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	10887	4.158	ng/uL	99
74) Pentachlorobenzene	14.70	250	11593	4.142	ng/uL	98
75) Carbazole	17.54	167	34688	3.641	ng/ul	99
76) Di-n-butylphthalate	18.10	149	28897	2.763	ng/ul	100
77) Fluoranthene	19.20	202	49248	3.777	ng/ul	98
80) Pvrene	19.56	202	56379	3.981	ng/ul	100
81) Butylbenzylphthalate	20.47	149	11517	2.367	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.26	252	11189	2.083	ng/ul	98
83) Benzo(a)anthracene	21.32	228	61471	3.895	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.25	149	16879	2.314	ng/ul	98
85) Chrysene	21.37	228	60659	4.049	ng/ul	99
87) Di-n-octyl phthalate	22.13	149	31432	2.222	ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	66608	3.807	ng/ul	99
89) Benzo(k)fluoranthene	22.96	252	66454	3.907	ng/ul	99
91) Benzo(a)pyrene	23.50	252	69502	4.071	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.90	276	84461	3.897	ng/ul	98
93) Dibenzo(a,h)anthracene	25.91	278	71520	3.966	ng/ul	99
94) Benzo(a,h,i)perylene	26.60	276	72544	3.993	ng/ul	98

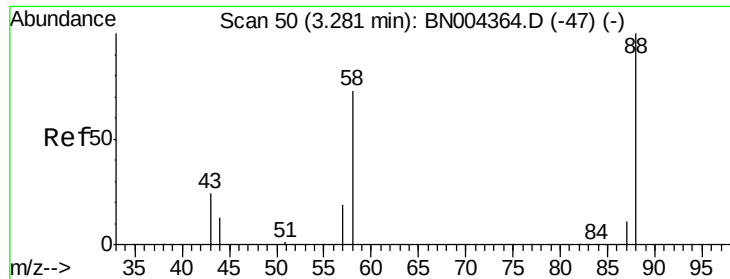
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

1,4-Dioxane

Concen: 1.508 ng/uL

RT: 3.28 min Scan# 50

Delta R.T. -0.00 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

Instrument :

BNA_N

ClientSampled :

MDL-W-04

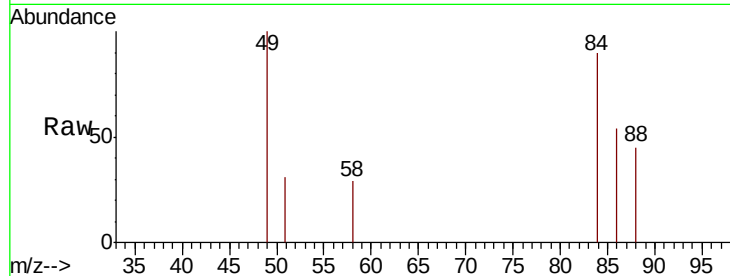
Tot Ion: 88 Resp: 783

Ion Ratio Lower Upper

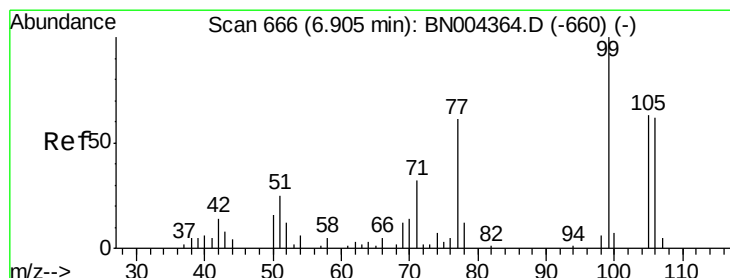
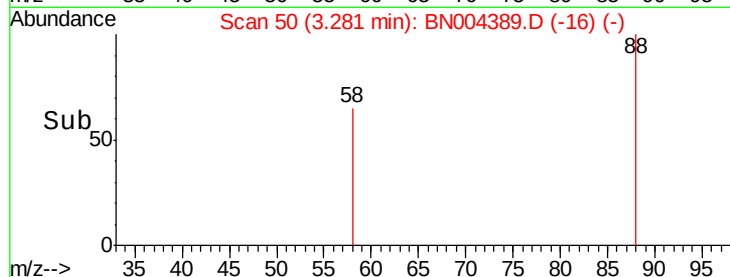
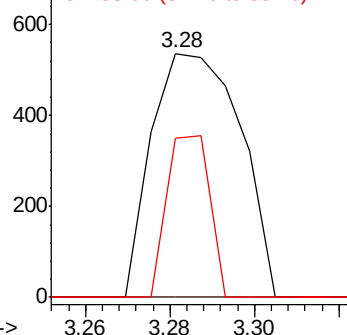
88 100

43 0.0 25.6 38.4#

58 65.1 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: 2.493 ng/uL

RT: 6.90 min Scan# 666

Delta R.T. -0.00 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

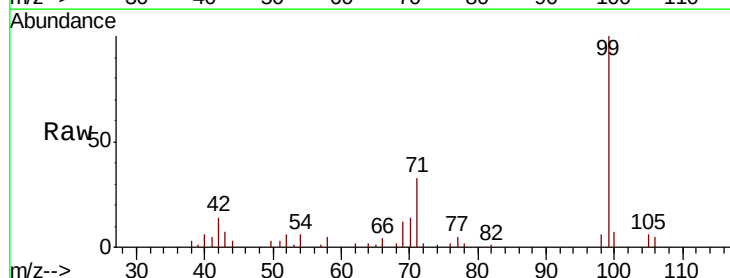
Tgt Ion: 77 Resp: 3236

Ion Ratio Lower Upper

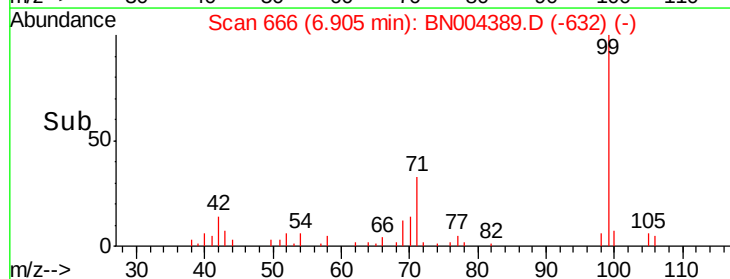
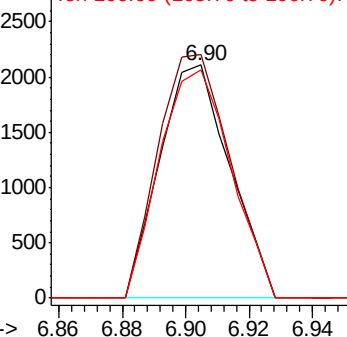
77 100

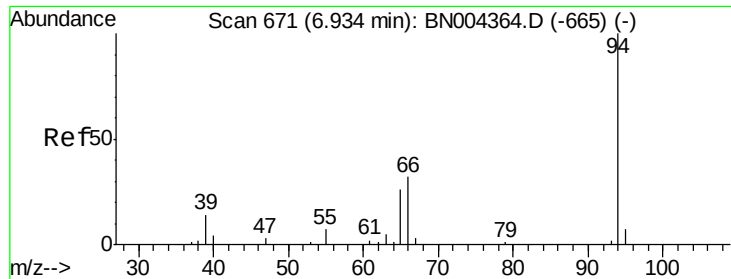
105 104.5 85.4 128.0

106 98.0 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





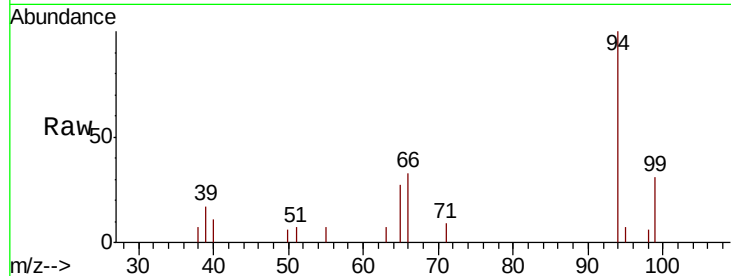
#6

Phenol

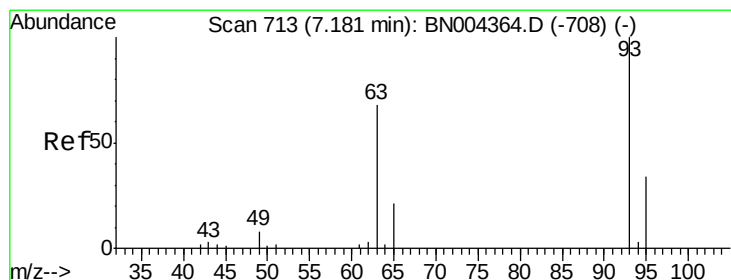
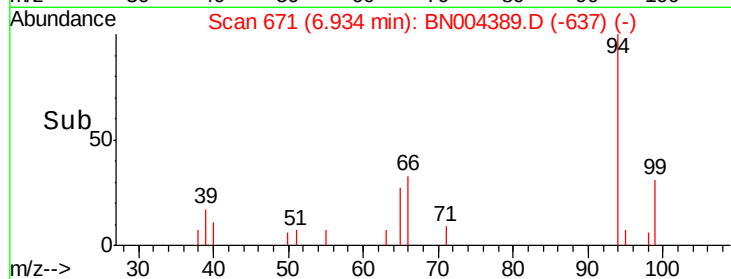
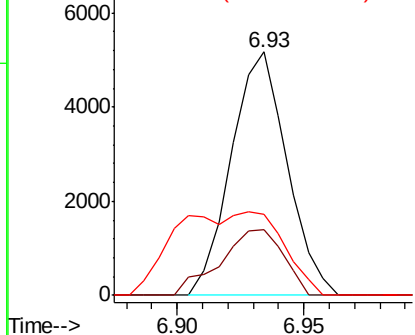
Concen: 3.504 ng/ul
 RT: 6.93 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BN004389.D
 Acq: 13 Feb 2019 12:55

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-04

Tot Ion: 94 Resp: 7910
 Ion Ratio Lower Upper
 94 100
 65 26.9 20.2 30.4
 66 33.4 28.2 42.2



Abundance Ion 94.00 (93.70 to 94.70): BN0
 Ion 65.00 (64.70 to 65.70): BN0
 Ion 66.00 (65.70 to 66.70): BN0

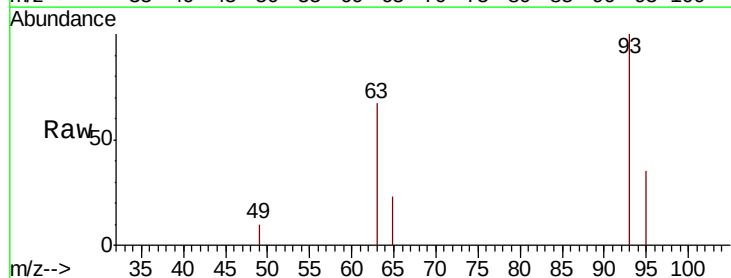


#8

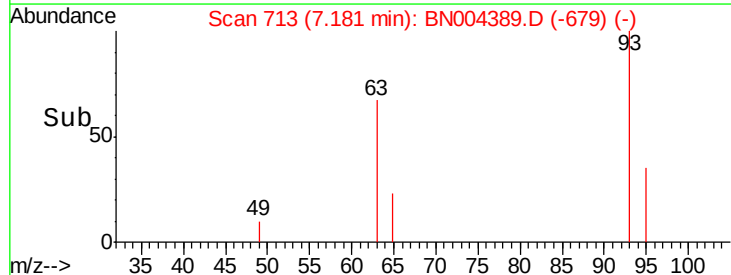
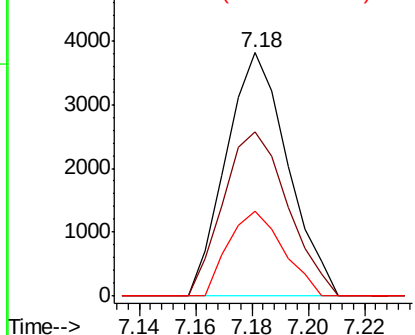
Bis(2-Chloroethyl)ether

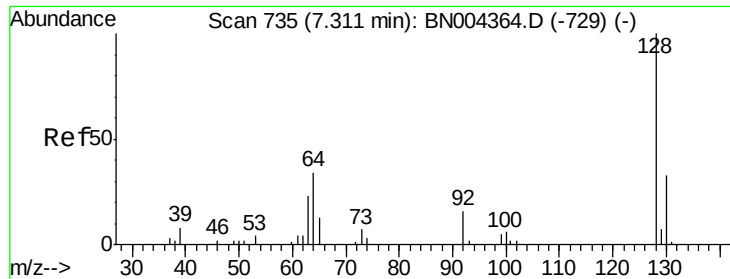
Concen: 3.572 ng/ul
 RT: 7.18 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BN004389.D
 Acq: 13 Feb 2019 12:55

Tgt Ion: 93 Resp: 5769
 Ion Ratio Lower Upper
 93 100
 63 67.3 52.8 79.2
 95 34.9 25.9 38.9



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

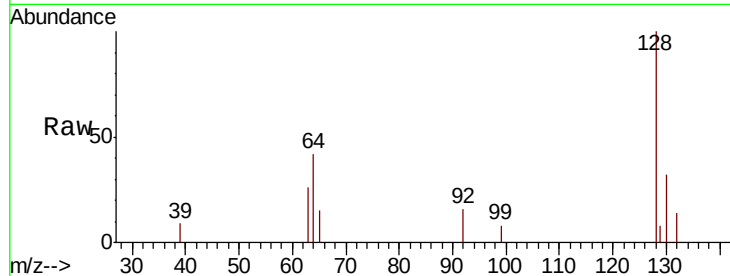




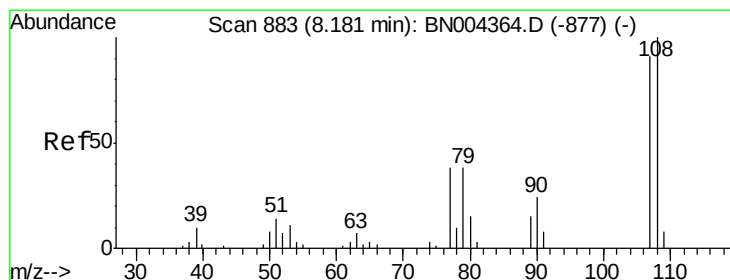
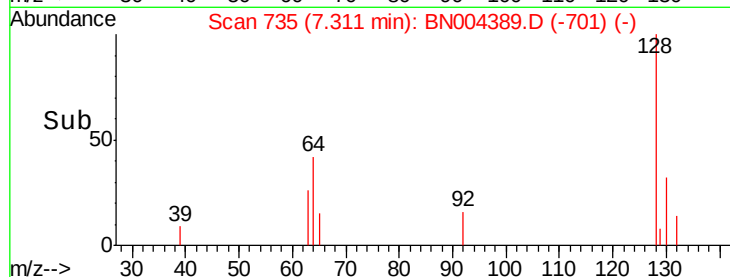
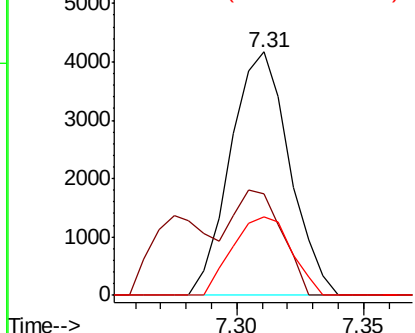
#10
2-Chlorophenol
Concen: 3.685 ng/ul
RT: 7.31 min Scan# 735
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tot Ion:128 Resp: 6728
Ion Ratio Lower Upper
128 100
64 41.5 31.0 46.6
130 32.4 26.1 39.1

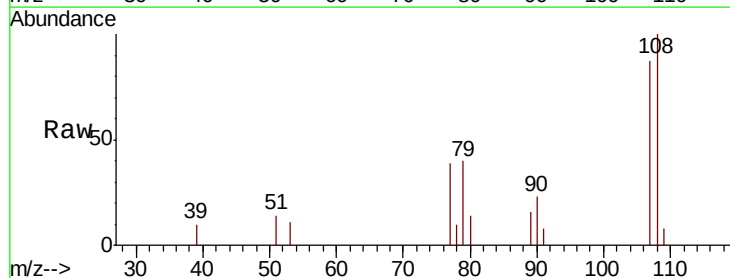


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): B
Ion 130.00 (129.70 to 130.70): E

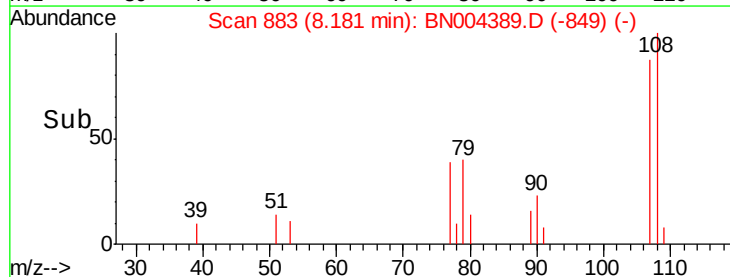
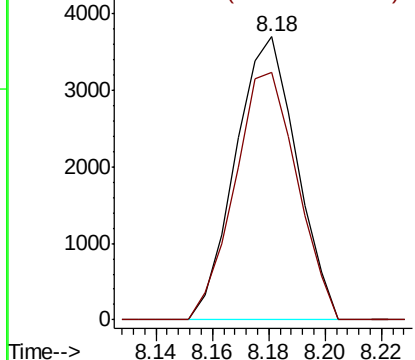


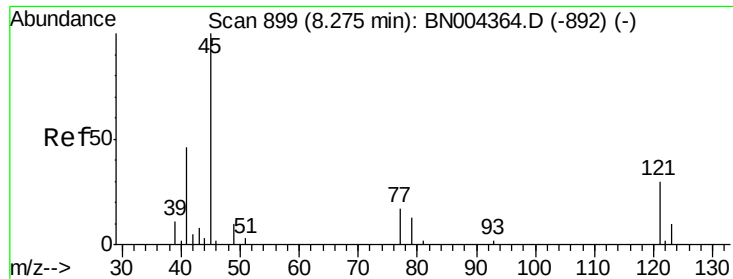
#11
2-Methylphenol
Concen: 3.080 ng/ul
RT: 8.18 min Scan# 883
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Tgt Ion:108 Resp: 5561
Ion Ratio Lower Upper
108 100
107 87.4 72.7 109.1



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

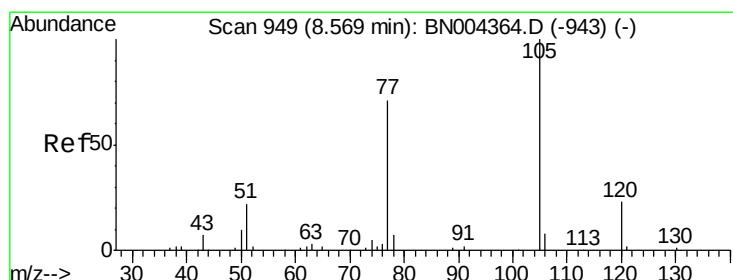
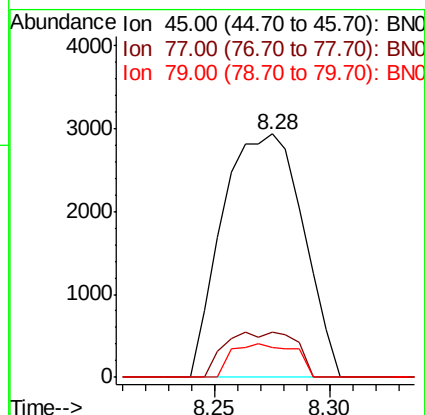
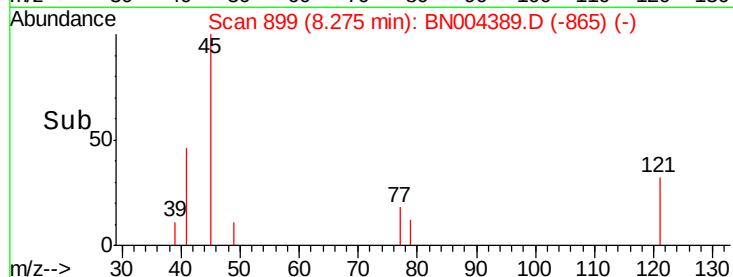
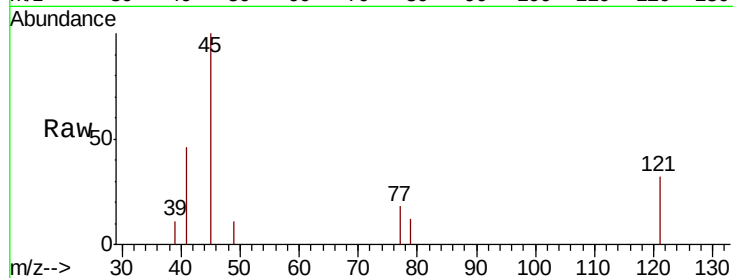




#12
2,2'-oxybis(1-Chloropropane)
Concen: 3.716 ng/ul
RT: 8.28 min Scan# 899
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

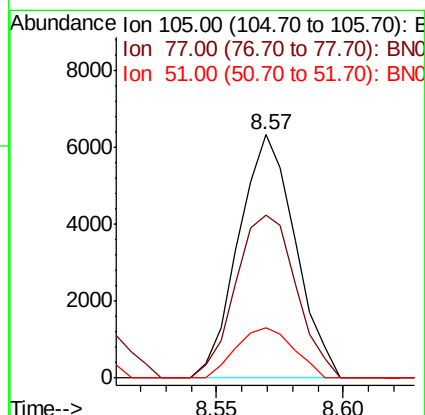
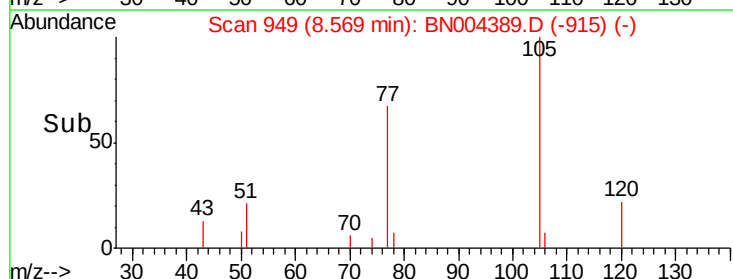
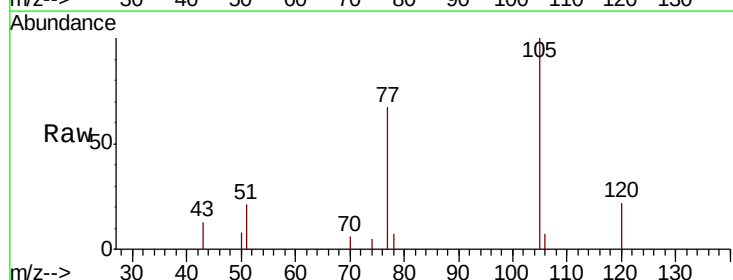
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MDL-W-04

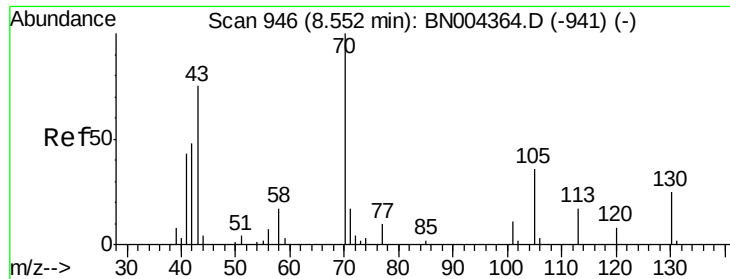
Tot Ion: 45 Resp: 7112
Ion Ratio Lower Upper
45 100
77 18.3 14.1 21.1
79 12.3 10.8 16.2



#14
Acetophenone
Concen: 3.408 ng/ul
RT: 8.57 min Scan# 949
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Tgt Ion: 105 Resp: 9871
Ion Ratio Lower Upper
105 100
77 66.9 56.1 84.1
51 20.9 17.2 25.8





#15

N-Nitroso-di-n-propylamine

Concen: 3.190 ng/ul

RT: 8.55 min Scan# 945

Delta R.T. -0.01 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

Instrument :

BNA_N

ClientSampleId :

MDL-W-04

Tot Ion: 70 Resp: 3964

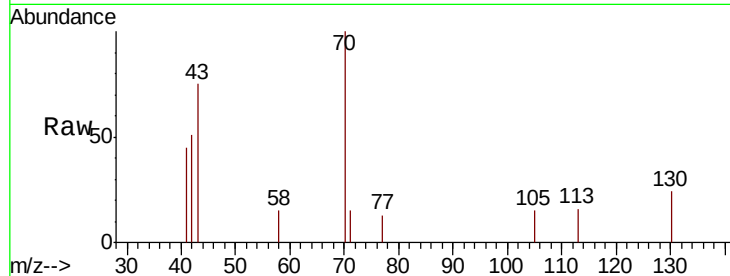
Ion Ratio Lower Upper

70 100

42 50.6 38.6 58.0

101 0.0 8.4 12.6#

130 24.3 19.9 29.9

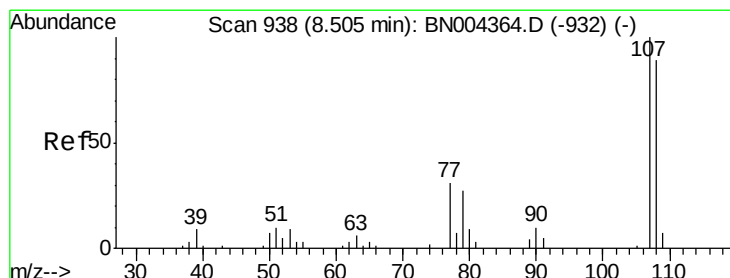
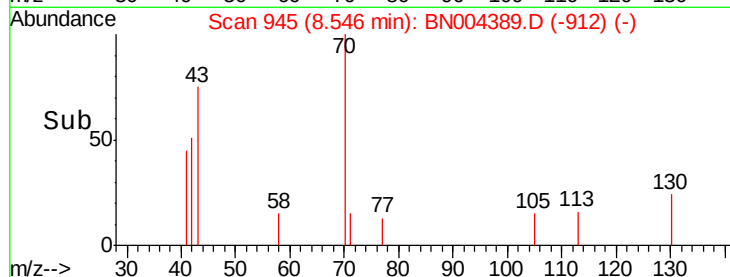
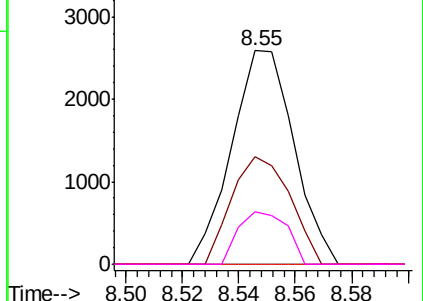


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 3.334 ng/ul

RT: 8.50 min Scan# 938

Delta R.T. -0.00 min

Lab File: BN004389.D

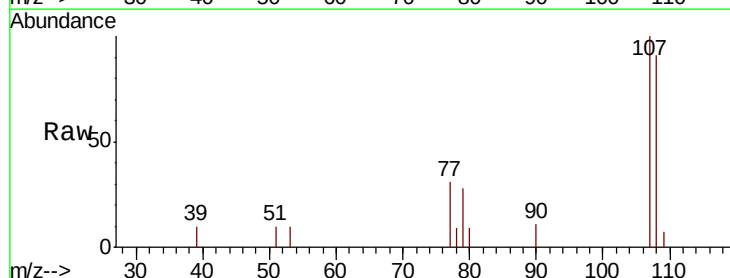
Acq: 13 Feb 2019 12:55

Tgt Ion:108 Resp: 6663

Ion Ratio Lower Upper

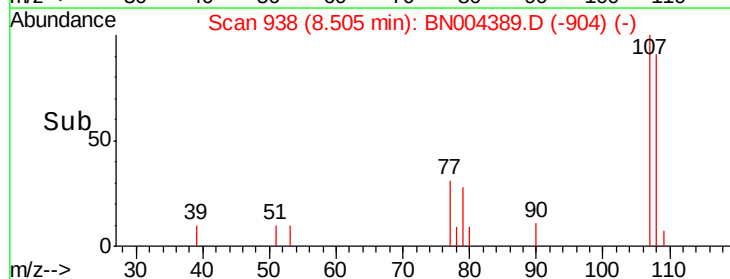
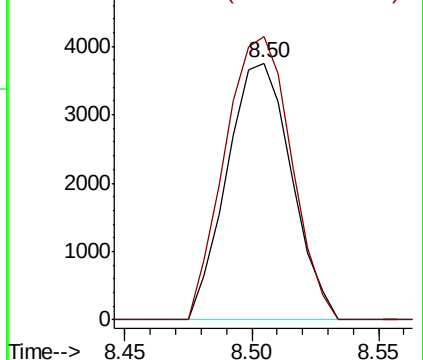
108 100

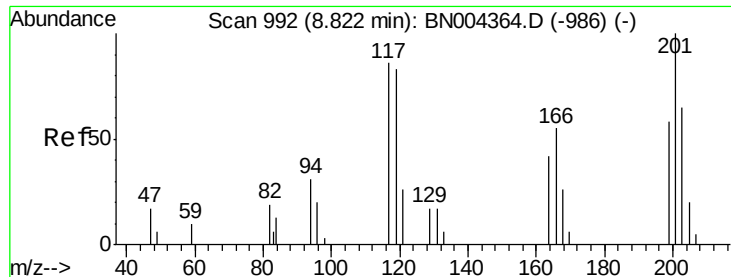
107 110.3 87.8 131.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

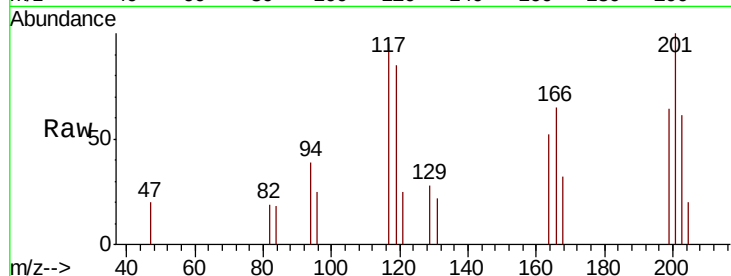




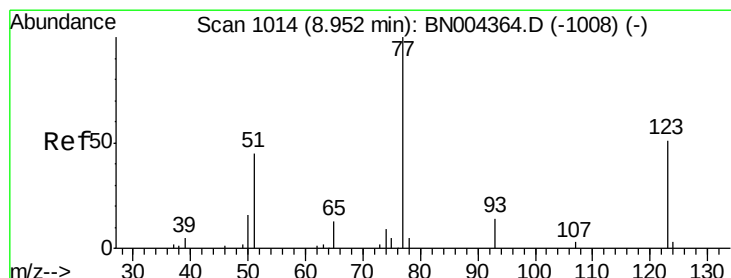
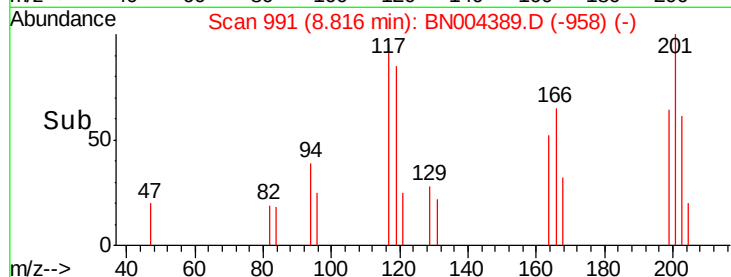
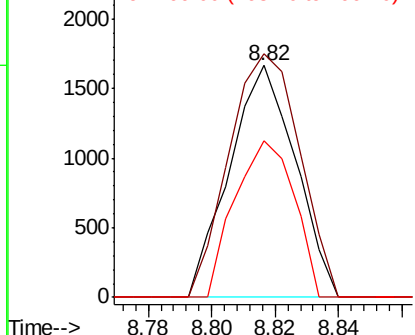
#17
Hexachloroethane
Concen: 3.761 ng/ul
RT: 8.82 min Scan# 991
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tot Ion:117 Resp: 2404
Ion Ratio Lower Upper
117 100
201 105.1 85.0 127.6
199 67.7 53.8 80.8

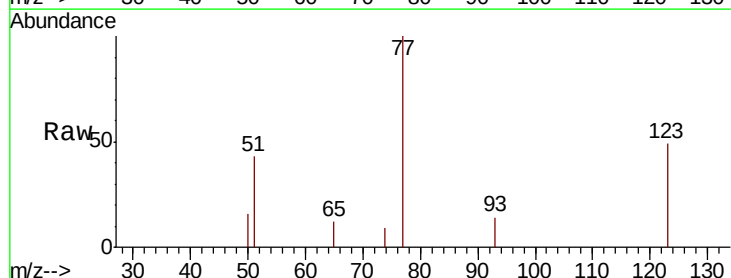


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

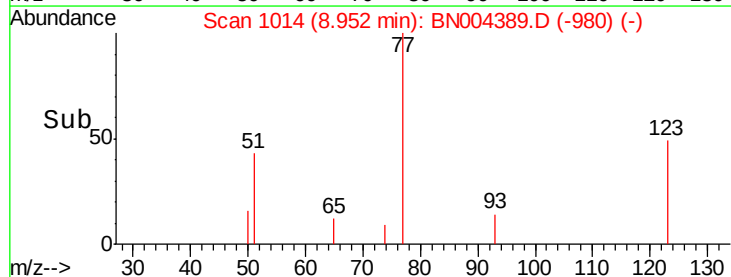
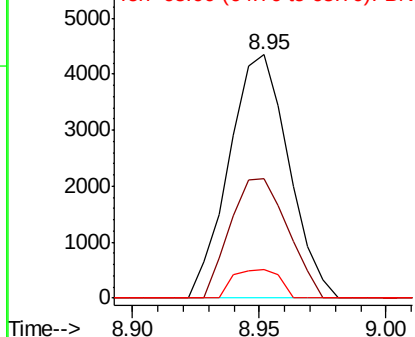


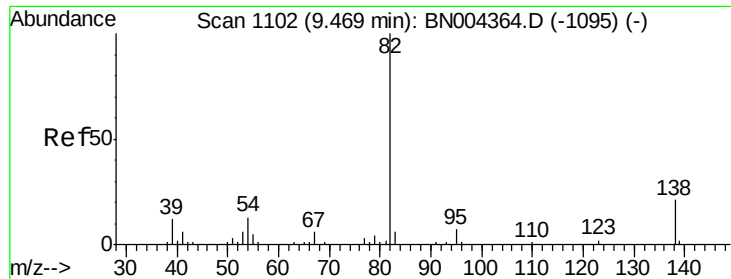
#20
Nitrobenzene
Concen: 4.078 ng/ul
RT: 8.95 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Tgt Ion: 77 Resp: 7148
Ion Ratio Lower Upper
77 100
123 49.1 41.6 62.4
65 11.5 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: 3.100 ng/ul

RT: 9.46 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

Instrument :

BNA_N

ClientSampleId :

MDL-W-04

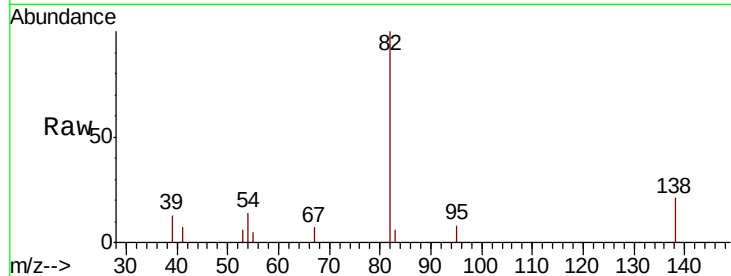
Tot Ion: 82 Resp: 11129

Ion Ratio Lower Upper

82 100

95 8.3 6.2 9.4

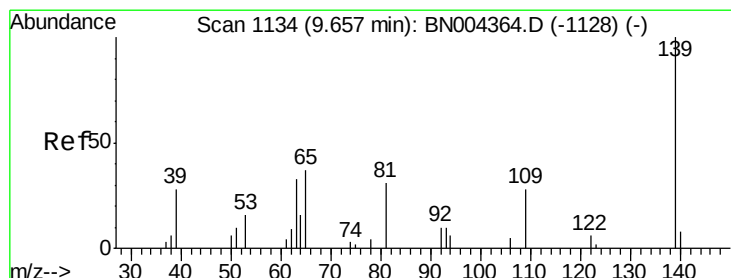
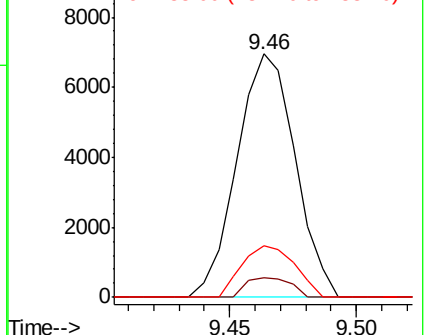
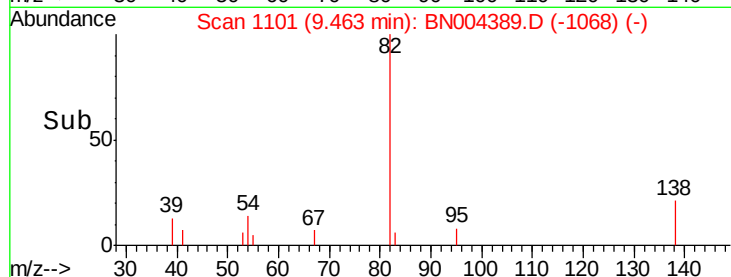
138 21.3 16.5 24.7



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: 3.754 ng/ul

RT: 9.66 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

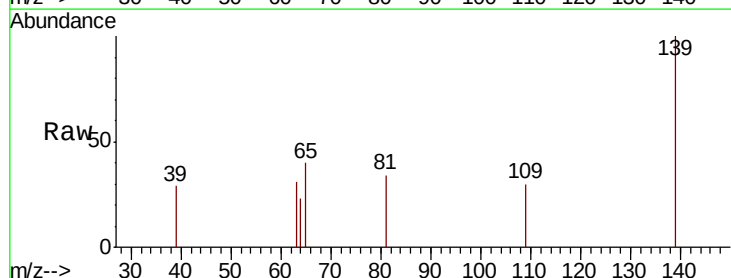
Tgt Ion: 139 Resp: 3521

Ion Ratio Lower Upper

139 100

65 40.3 32.7 49.1

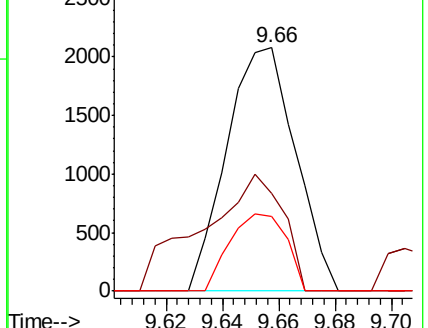
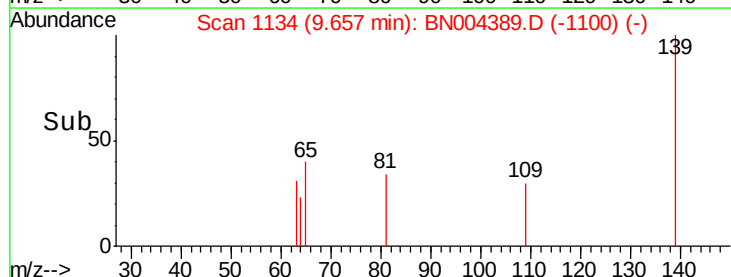
109 30.4 22.8 34.2

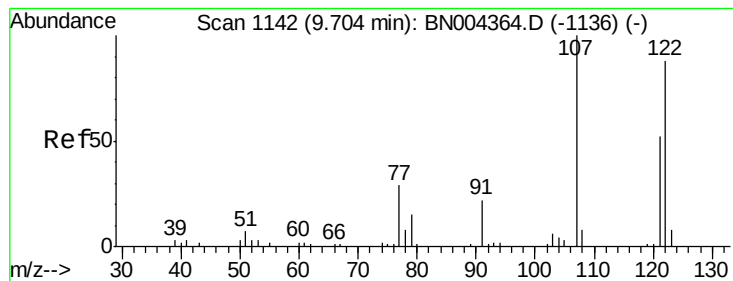


Abundance Ion 139.00 (138.70 to 139.70): BN004364.D (-1128) (-)

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: 3.618 ng/ul

RT: 9.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

Instrument :

BNA_N

ClientSampled :

MDL-W-04

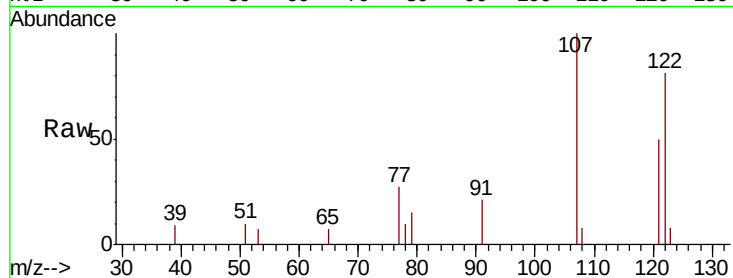
Tot Ion: 107 Resp: 7655

Ion Ratio Lower Upper

107 100

121 50.1 41.5 62.3

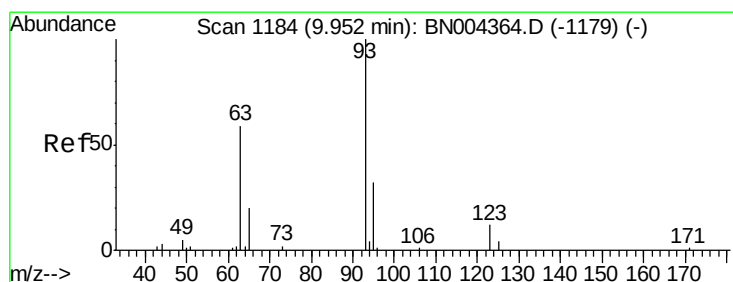
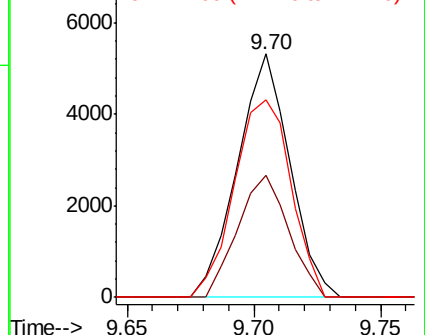
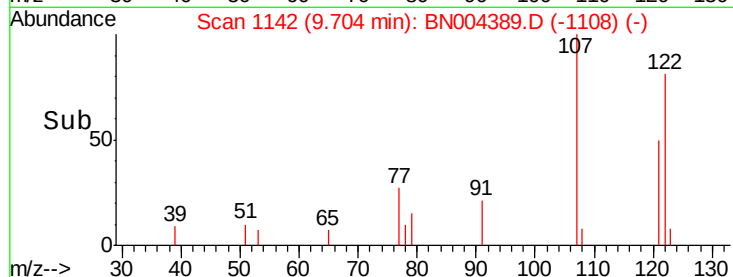
122 81.1 69.0 103.4



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: 3.468 ng/ul

RT: 9.95 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

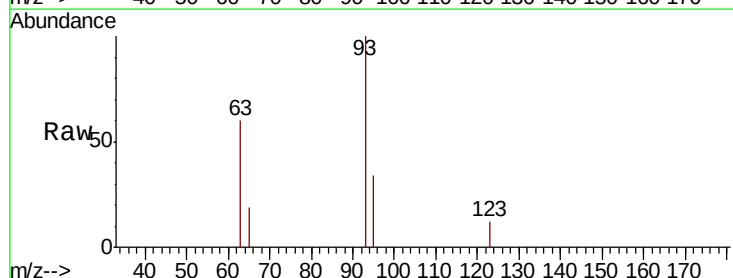
Tgt Ion: 93 Resp: 8079

Ion Ratio Lower Upper

93 100

95 33.5 26.2 39.4

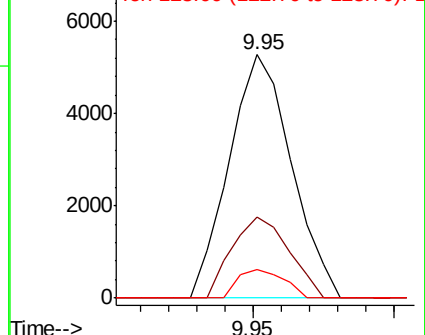
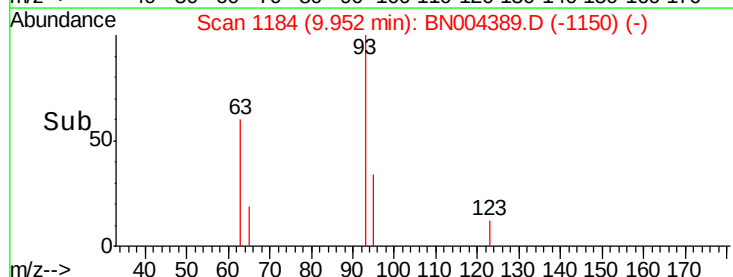
123 11.9 10.0 15.0

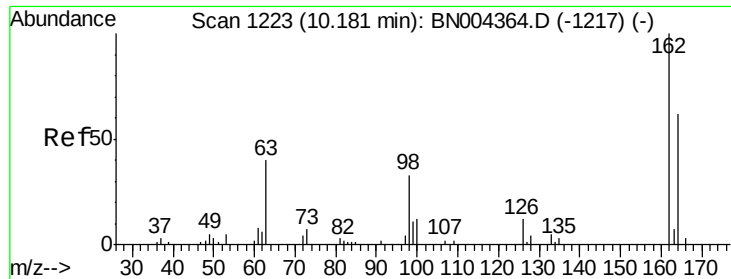


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

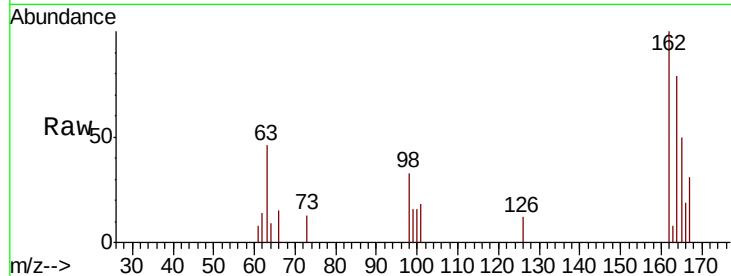




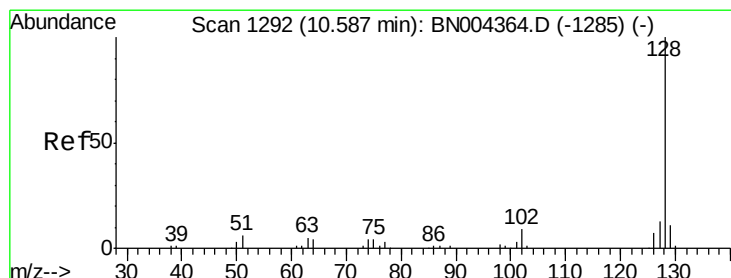
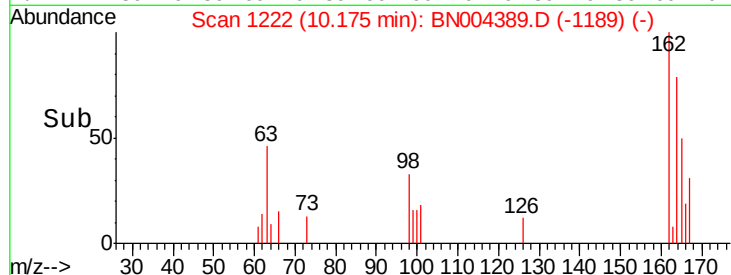
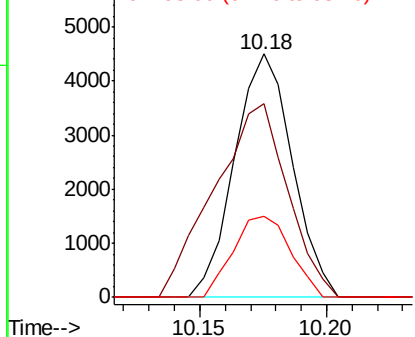
#27
 2,4-Dichlorophenol
 Concen: 3.822 ng/ul
 RT: 10.18 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BN004389.D
 Acq: 13 Feb 2019 12:55

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-04

Tot Ion:162 Resp: 7154
 Ion Ratio Lower Upper
 162 100
 164 79.3 53.0 79.4
 98 33.5 27.0 40.4

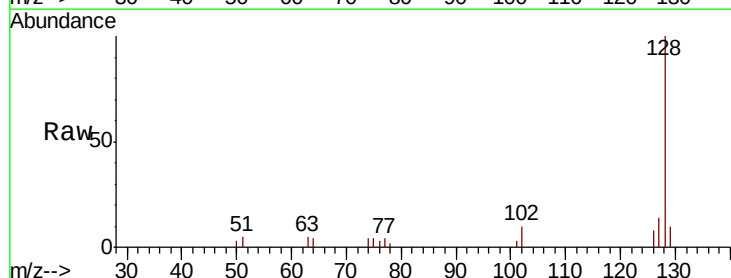


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

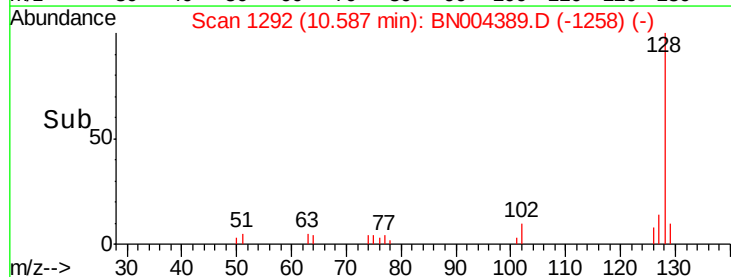
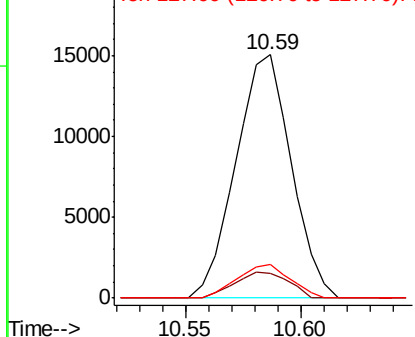


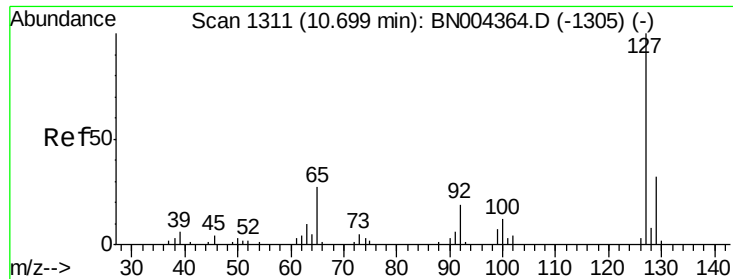
#28
 Naphthalene
 Concen: 4.039 ng/ul
 RT: 10.59 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: BN004389.D
 Acq: 13 Feb 2019 12:55

Tgt Ion:128 Resp: 25198
 Ion Ratio Lower Upper
 128 100
 129 10.4 8.7 13.1
 127 13.7 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

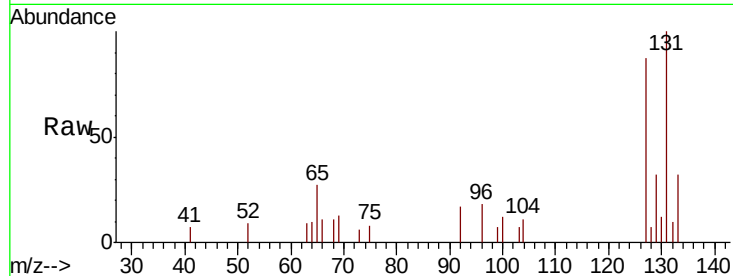




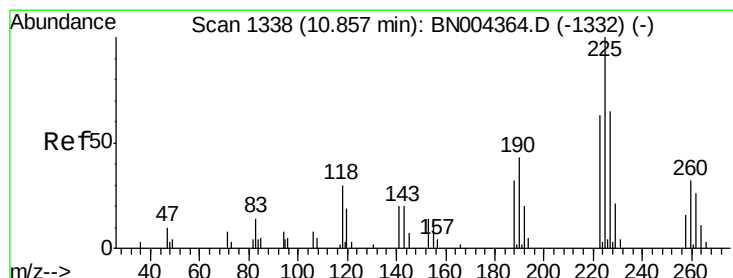
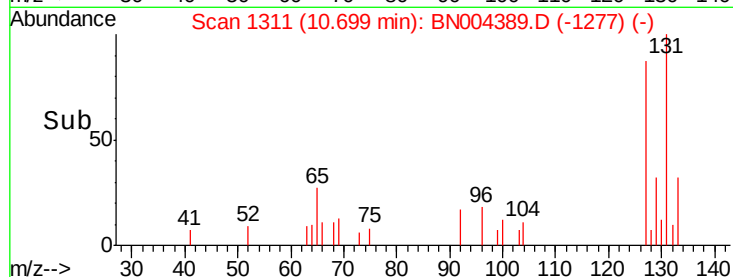
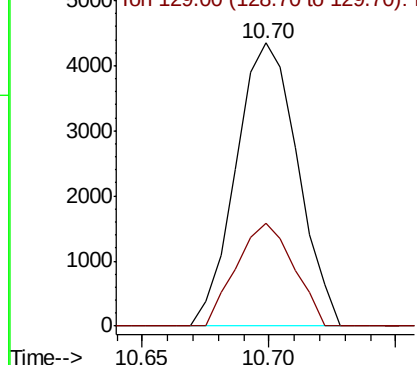
#30
4-Chloroaniline
Concen: 3.511 ng/ul
RT: 10.70 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tot Ion:127 Resp: 7368
Ion Ratio Lower Upper
127 100
129 36.5 26.1 39.1

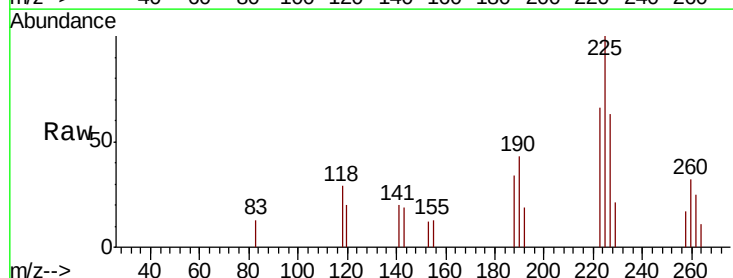


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

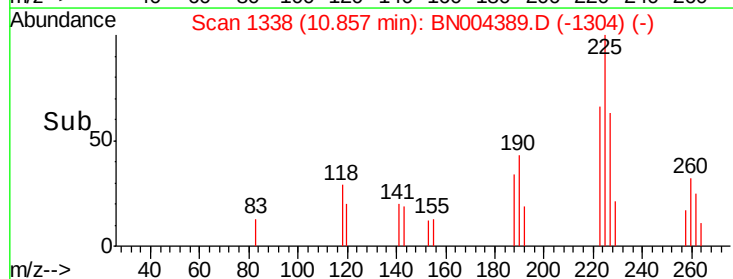
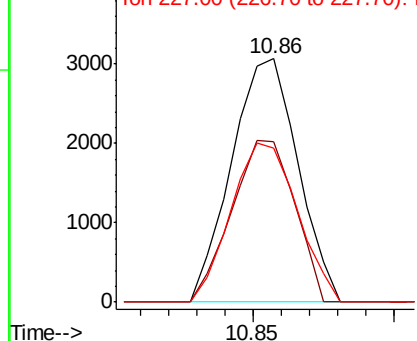


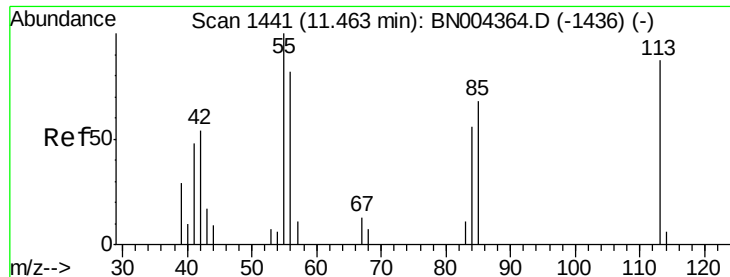
#31
Hexachlorobutadiene
Concen: 4.134 ng/ul
RT: 10.86 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Tgt Ion:225 Resp: 5003
Ion Ratio Lower Upper
225 100
223 66.0 49.8 74.6
227 63.3 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: 1.568 ng/ul

RT: 11.48 min Scan# 1444

Delta R.T. 0.02 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

Instrument :

BNA_N

ClientSampleId :

MDL-W-04

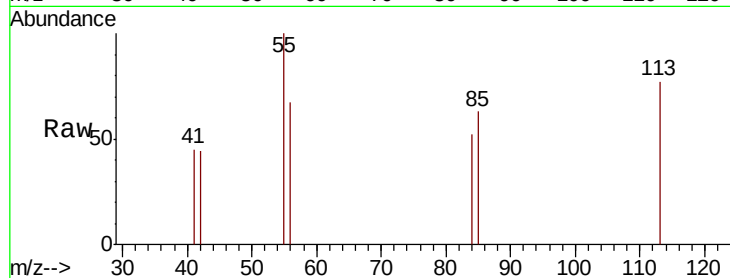
Tot Ion:113 Resp: 991

Ion Ratio Lower Upper

113 100

55 130.1 100.7 151.1

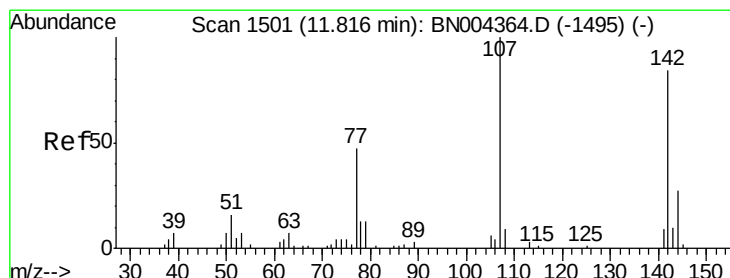
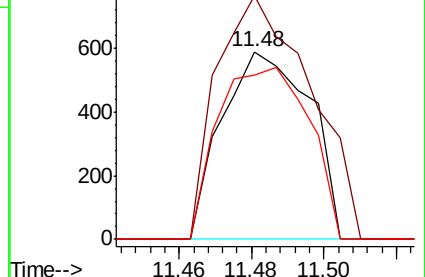
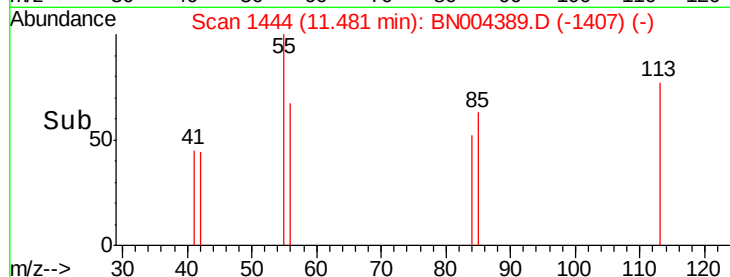
56 87.6 76.1 114.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#33

4-Chloro-3-methylphenol

Concen: 3.168 ng/ul

RT: 11.81 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

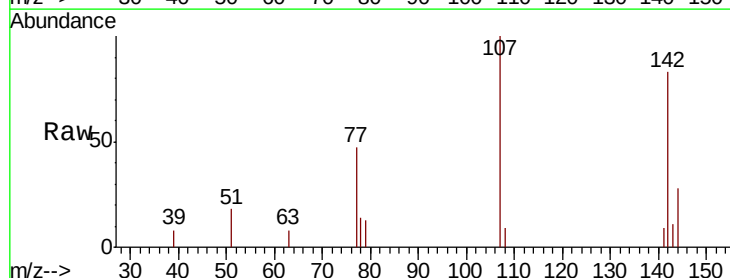
Tgt Ion:107 Resp: 6396

Ion Ratio Lower Upper

107 100

144 27.6 22.2 33.4

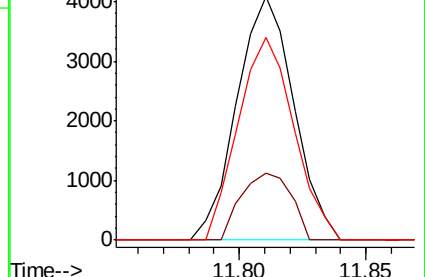
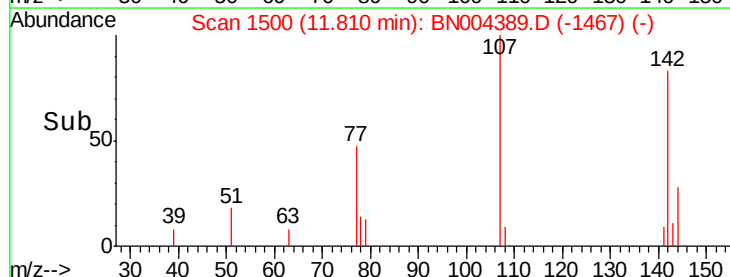
142 83.4 67.4 101.0

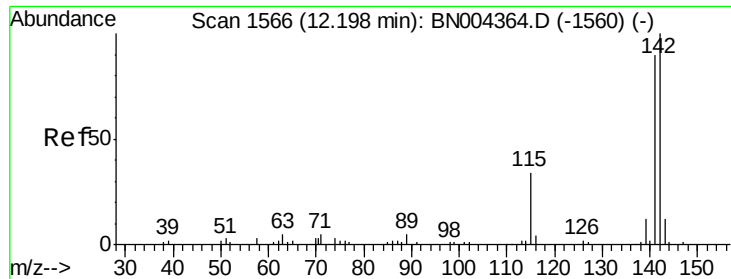


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

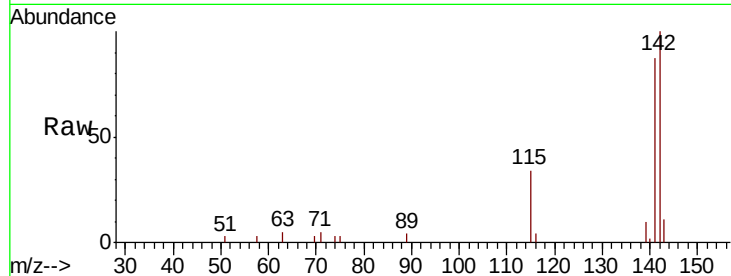




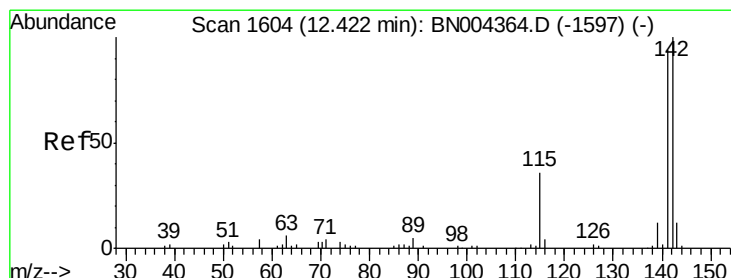
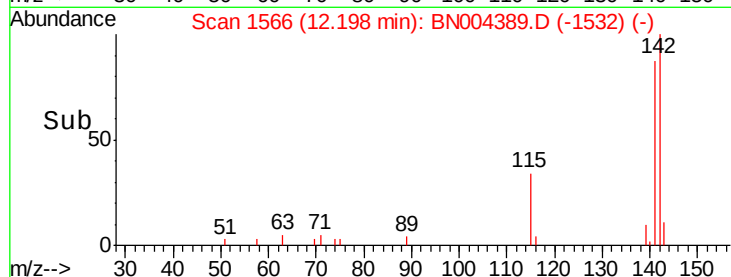
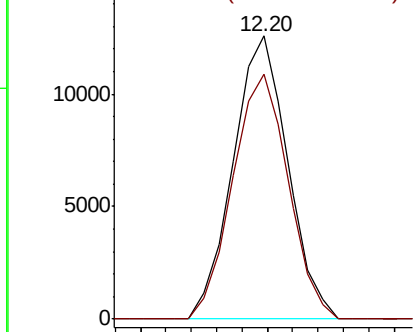
#34
 2-Methylnaphthalene
 Concen: 3.943 ng/ul
 RT: 12.20 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BN004389.D
 Acq: 13 Feb 2019 12:55

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-04

Tot Ion:142 Resp: 18869
 Ion Ratio Lower Upper
 142 100
 141 86.7 71.0 106.6

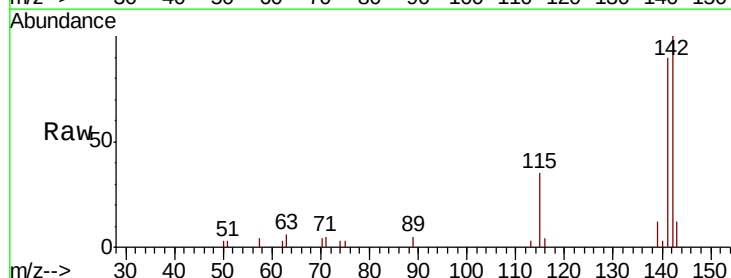


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

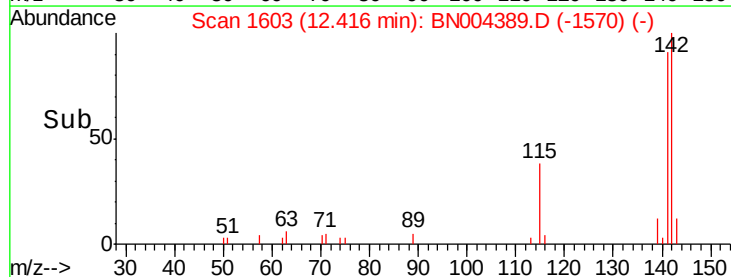
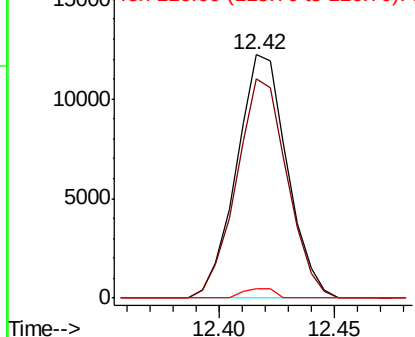


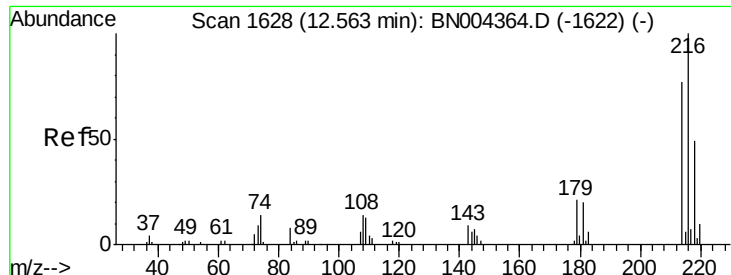
#35
 1-Methylnaphthalene
 Concen: 3.963 ng/ul
 RT: 12.42 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BN004389.D
 Acq: 13 Feb 2019 12:55

Tgt Ion:142 Resp: 18703
 Ion Ratio Lower Upper
 142 100
 141 90.0 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

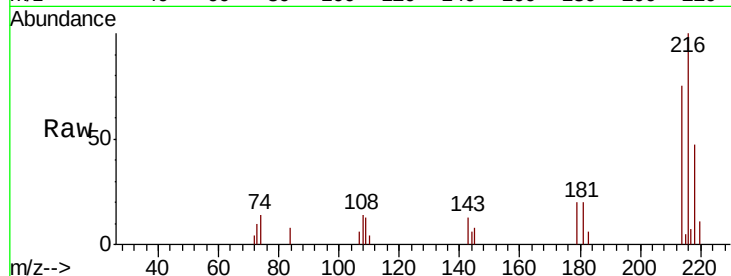




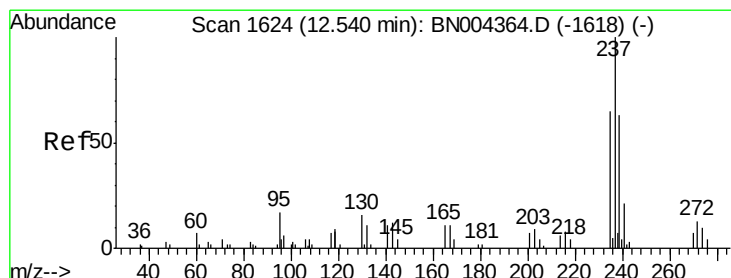
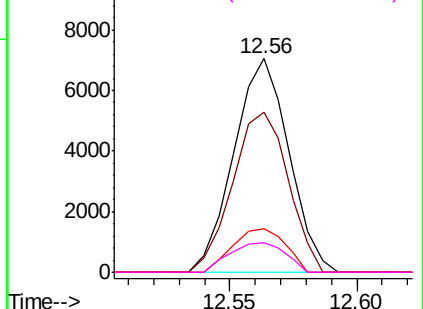
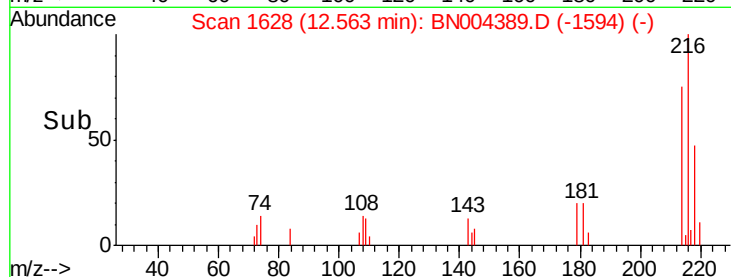
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.130 ng/ul
 RT: 12.56 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: BN004389.D
 Acq: 13 Feb 2019 12:55

Instrument :
 BNA_N
 ClientSampleID :
 MDL-W-04

Tot Ion:216	Resp:	10644
Ion Ratio	Lower	Upper
216	100	
214	75.2	60.9 91.3
179	20.4	16.2 24.4
108	14.1	11.5 17.3

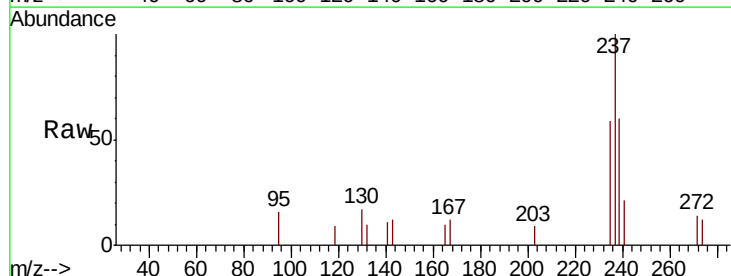


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

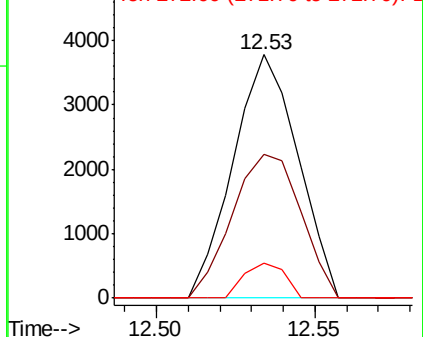
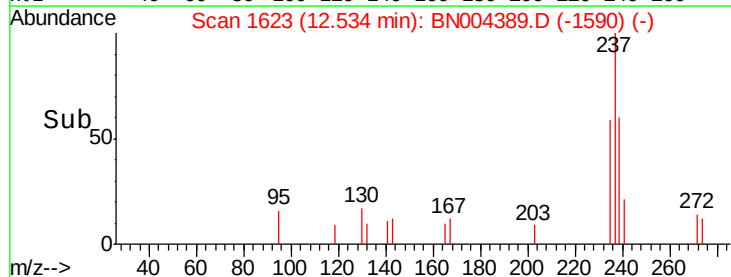


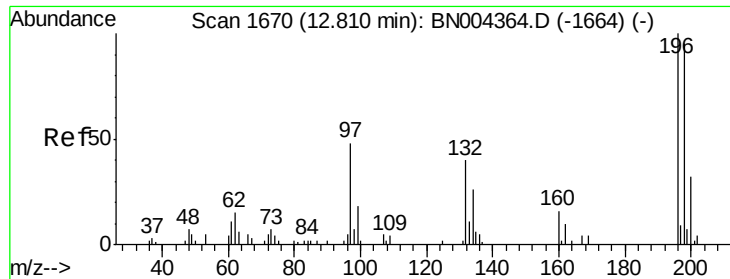
#38
 Hexachlorocyclopentadiene
 Concen: 3.351 ng/ul
 RT: 12.53 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BN004389.D
 Acq: 13 Feb 2019 12:55

Tgt Ion:237	Resp:	5369
Ion Ratio	Lower	Upper
237	100	
235	58.8	50.8 76.2
272	14.4	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

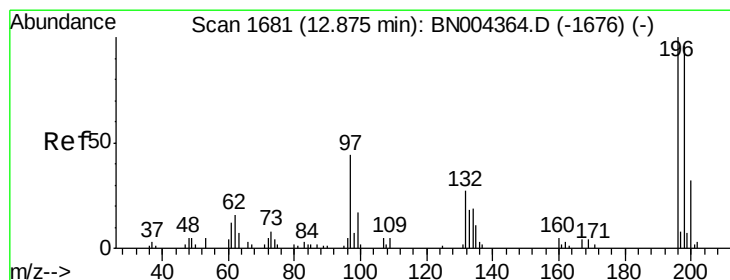
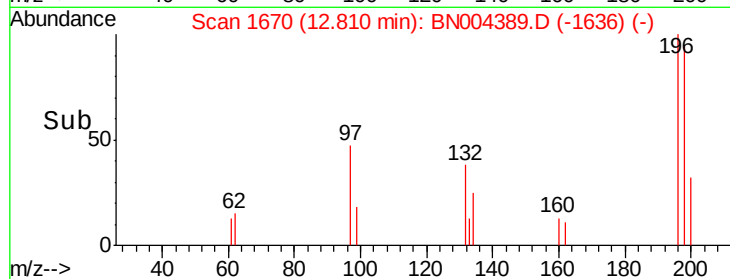
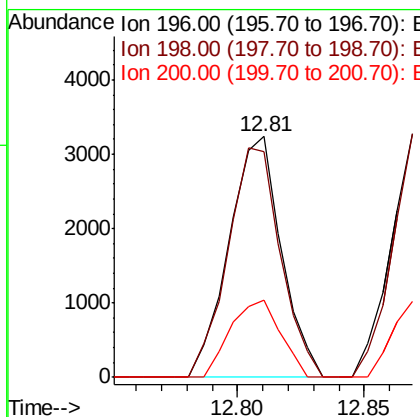
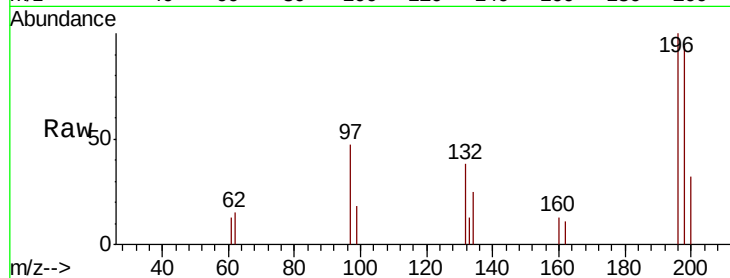




#39
 2,4,6-Trichlorophenol
 Concen: 3.059 ng/ul
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BN004389.D
 Acq: 13 Feb 2019 12:55

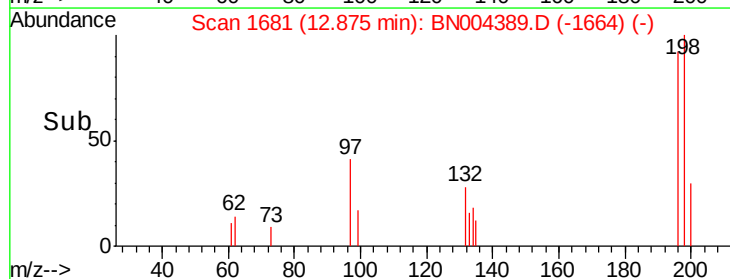
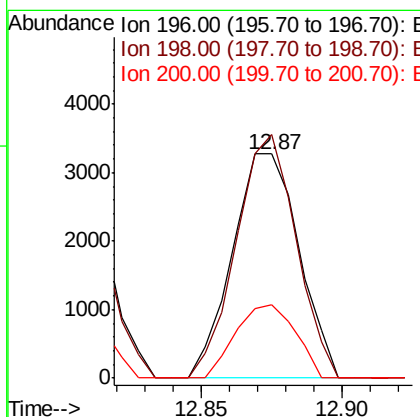
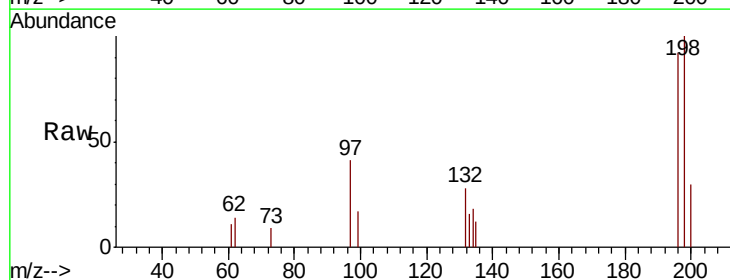
Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-04

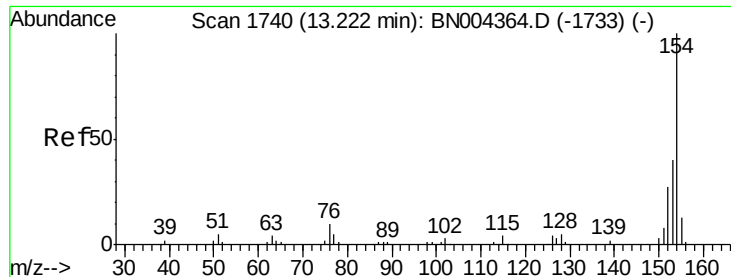
Tot Ion:196 Resp: 4659
 Ion Ratio Lower Upper
 196 100
 198 93.9 76.6 115.0
 200 31.9 24.5 36.7



#40
 2,4,5-Trichlorophenol
 Concen: 3.133 ng/ul
 RT: 12.87 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BN004389.D
 Acq: 13 Feb 2019 12:55

Tgt Ion:196 Resp: 5360
 Ion Ratio Lower Upper
 196 100
 198 108.5 79.9 119.9
 200 32.4 25.9 38.9

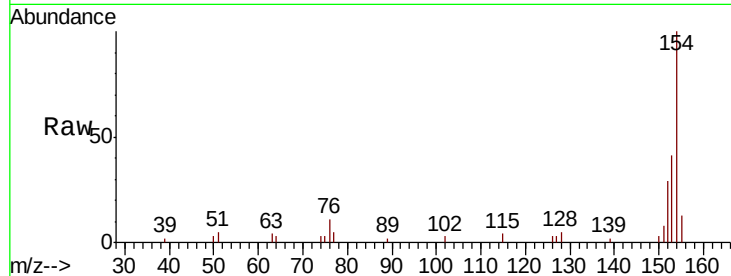




#41
 1,1'-Biphenyl
 Concen: 3.978 ng/ul
 RT: 13.22 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BN004389.D
 Acq: 13 Feb 2019 12:55

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-04

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	32.6	48.8
76	11.5	9.2	13.8

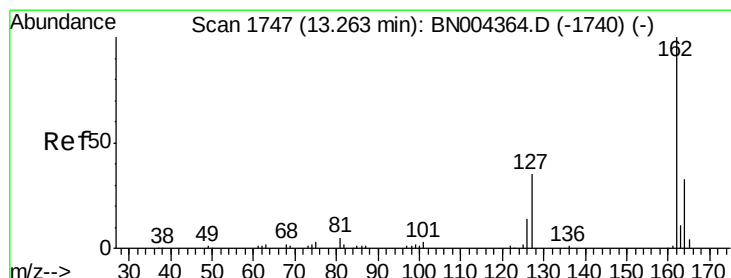
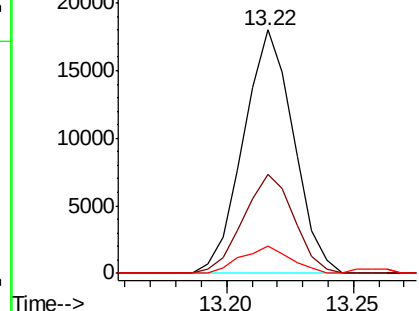
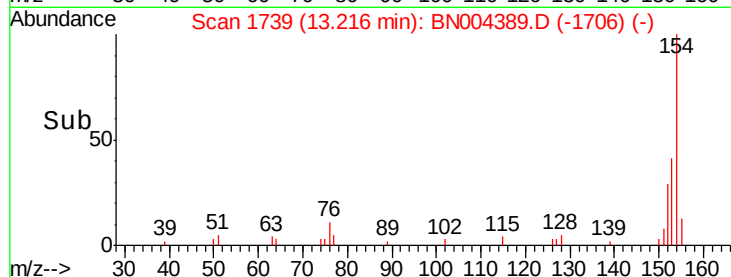


Abundance

Ion 154.00 (153.70 to 154.70): E

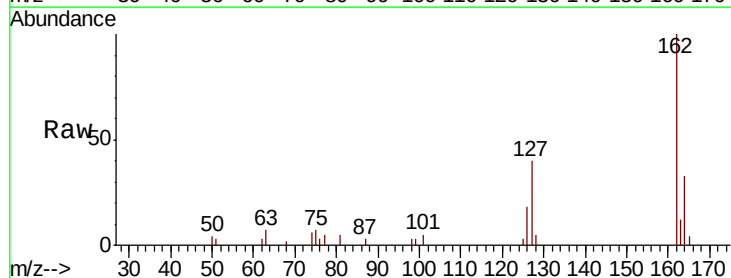
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#42
 2-Chloronaphthalene
 Concen: 3.974 ng/ul
 RT: 13.26 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BN004389.D
 Acq: 13 Feb 2019 12:55

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.7	26.4	39.6
127	39.6	31.8	47.6

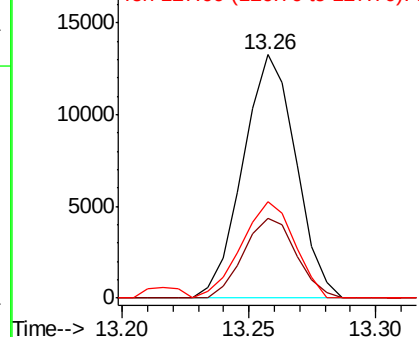
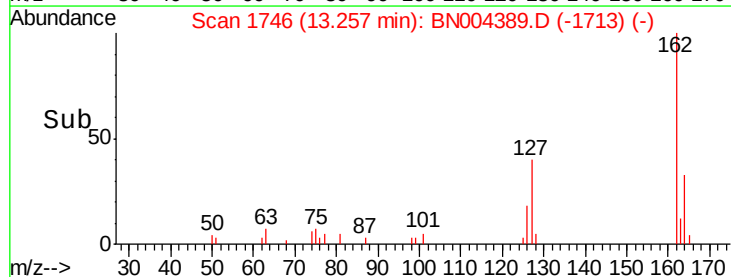


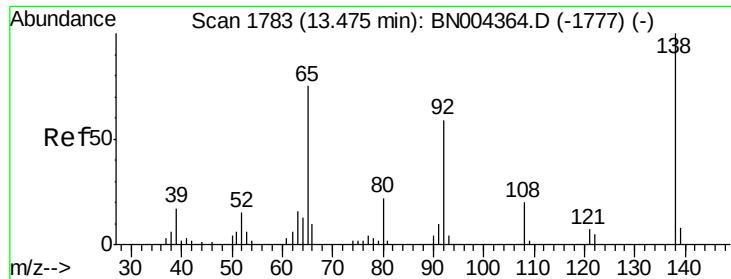
Abundance

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: 2.710 ng/ul

RT: 13.47 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

Instrument :

BNA_N

ClientSampleId :

MDL-W-04

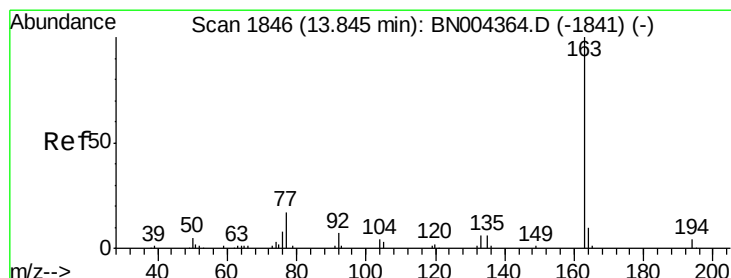
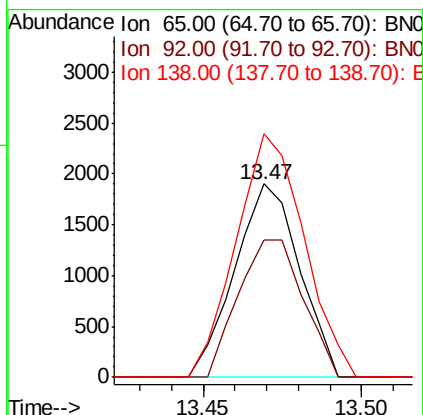
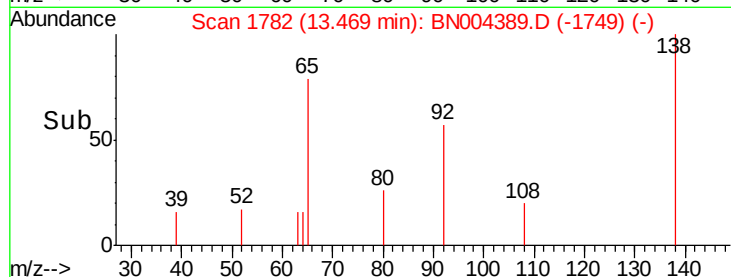
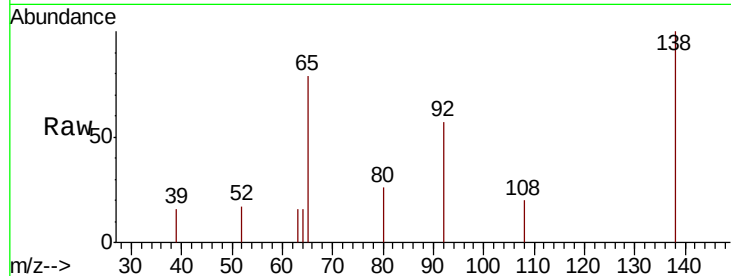
Tot Ion: 65 Resp: 2692

Ion Ratio Lower Upper

65 100

92 71.4 62.1 93.1

138 125.9 105.0 157.6



#45

Dimethylphthalate

Concen: 3.861 ng/ul

RT: 13.85 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

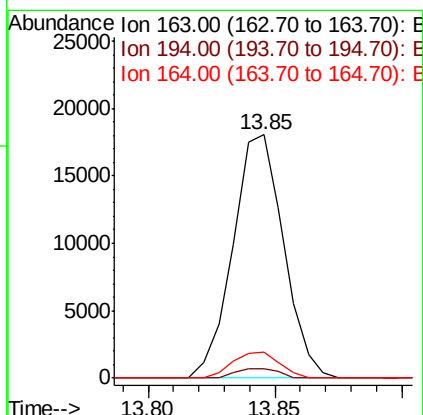
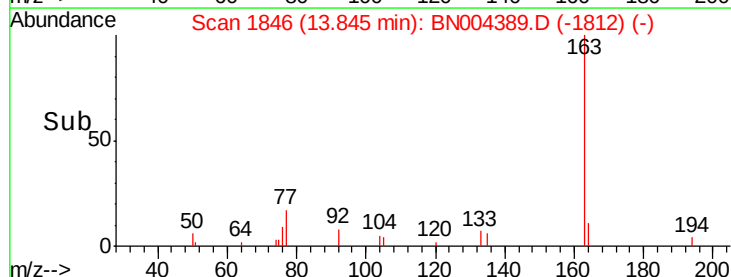
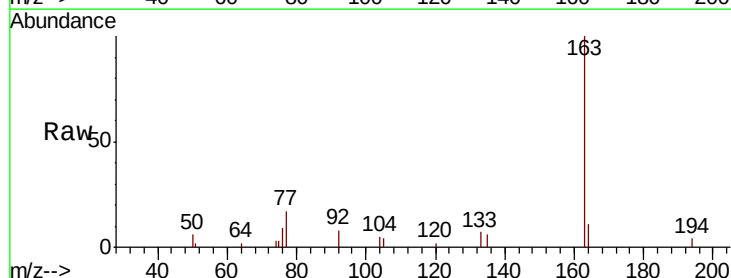
Tgt Ion:163 Resp: 25063

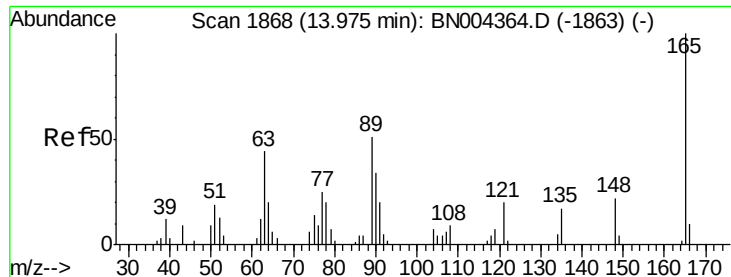
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

164 10.6 7.9 11.9

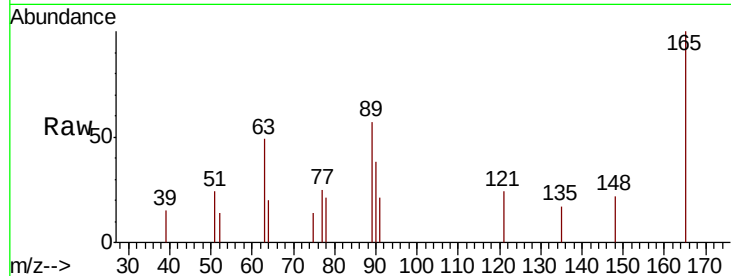




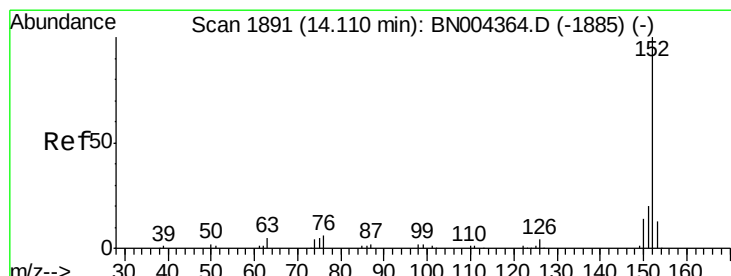
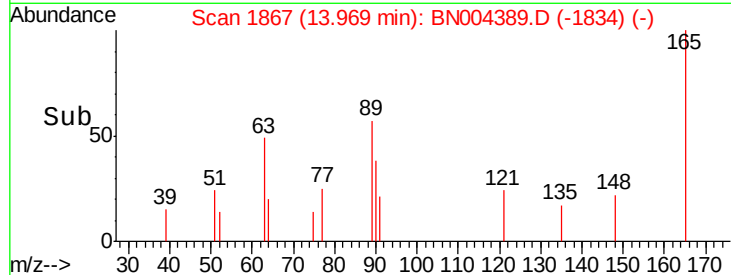
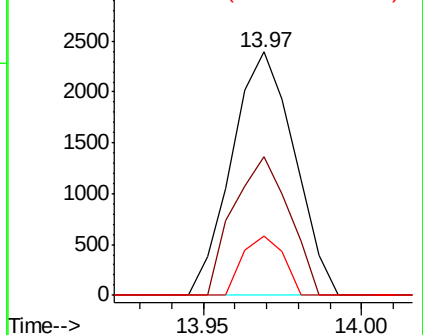
#46
 2,6-Dinitrotoluene
 Concen: 2.868 ng/ul
 RT: 13.97 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BN004389.D
 Acq: 13 Feb 2019 12:55

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-04

Tot Ion:165 Resp: 3282
 Ion Ratio Lower Upper
 165 100
 89 57.2 42.0 63.0
 121 24.3 17.0 25.6

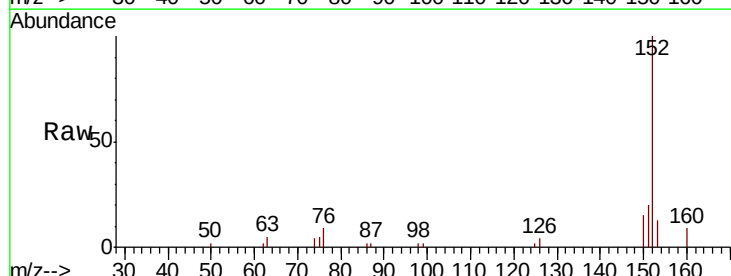


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BNO
 Ion 121.00 (120.70 to 121.70): E

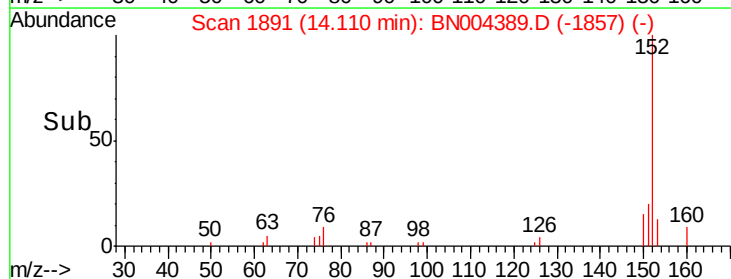
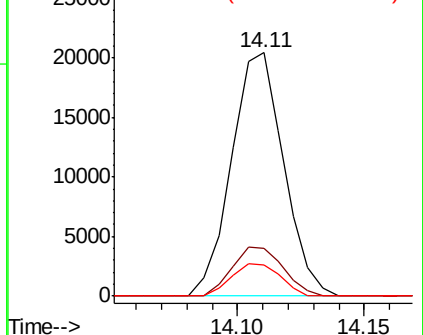


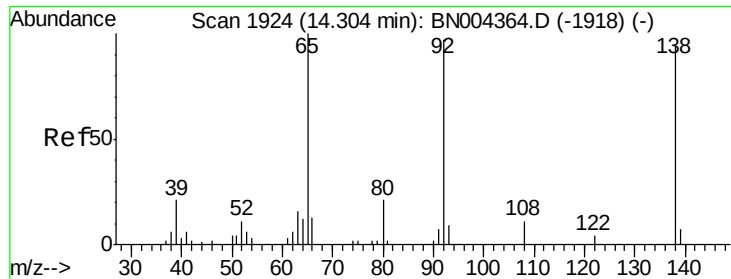
#48
 Acenaphthylene
 Concen: 3.965 ng/ul
 RT: 14.11 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: BN004389.D
 Acq: 13 Feb 2019 12:55

Tgt Ion:152 Resp: 29283
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.1 24.1
 153 13.0 10.6 16.0



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

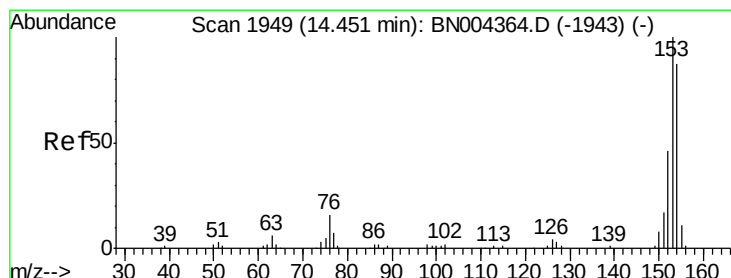
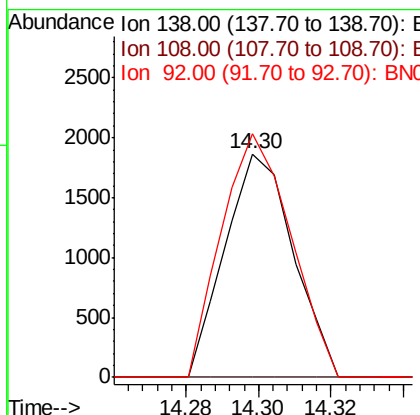
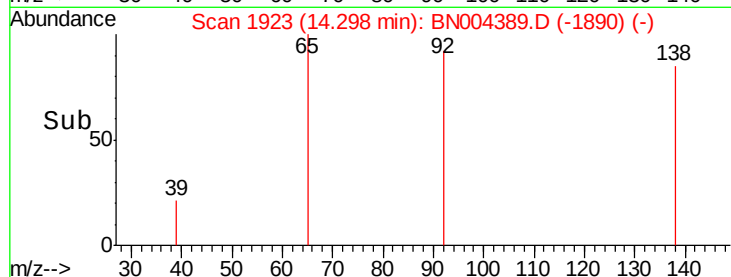
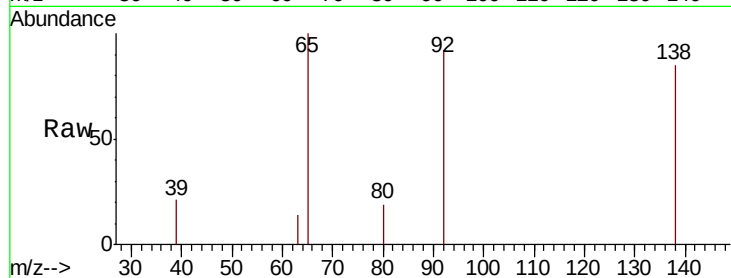




#49
3-Nitroaniline
Concen: 2.098 ng/ul
RT: 14.30 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

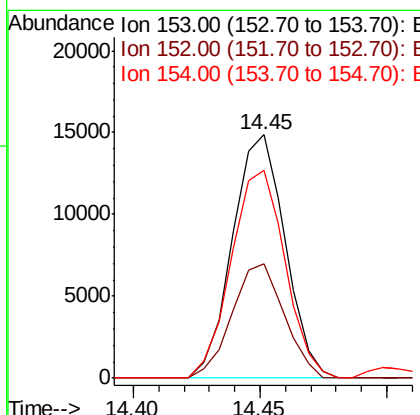
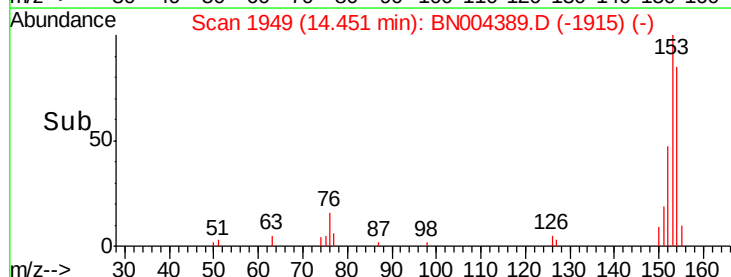
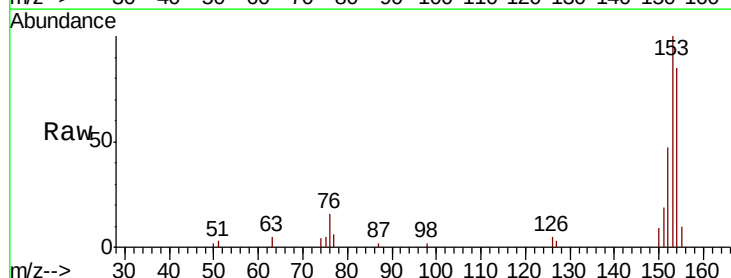
Instrument :
BNA_N
ClientSampled :
MDL-W-04

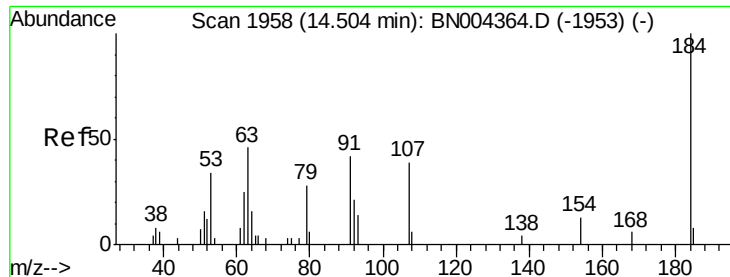
Tot Ion:138 Resp: 2450
Ion Ratio Lower Upper
138 100
108 0.0 9.0 13.4#
92 109.1 85.8 128.6



#50
Acenaphthene
Concen: 4.020 ng/ul
RT: 14.45 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Tgt Ion:153 Resp: 21389
Ion Ratio Lower Upper
153 100
152 46.8 37.8 56.6
154 85.3 70.0 105.0

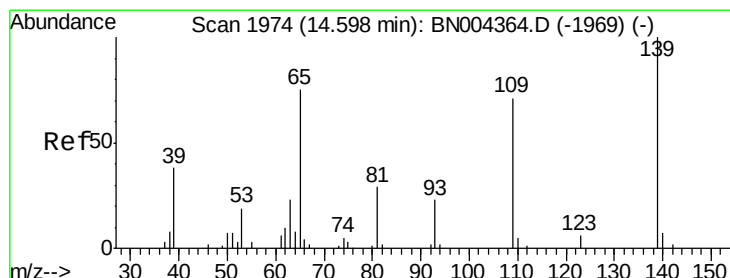
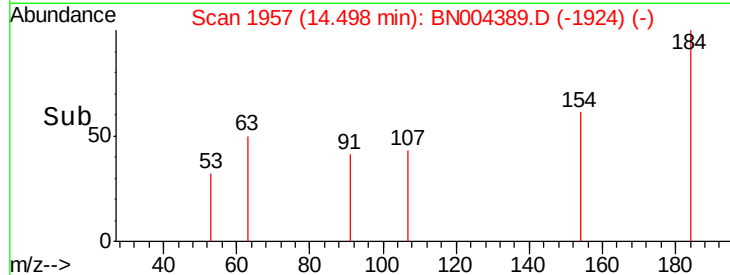
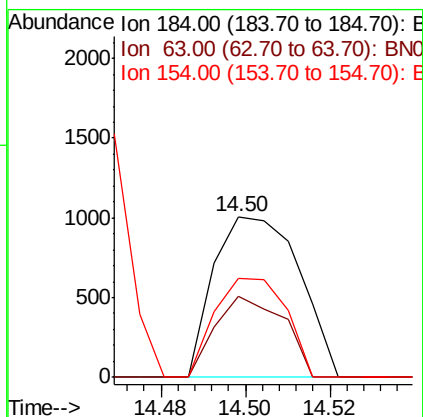
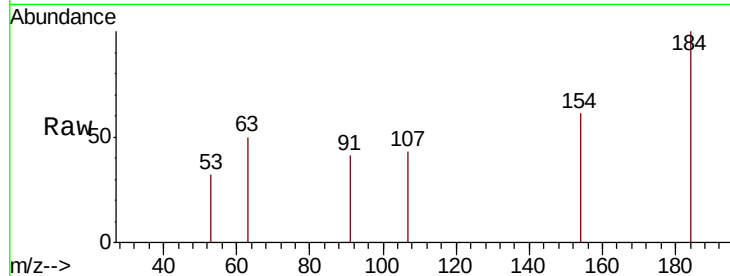




#51
 2,4-Dinitrophenol
 Concen: 1.993 ng/ul
 RT: 14.50 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BN004389.D
 Acq: 13 Feb 2019 12:55

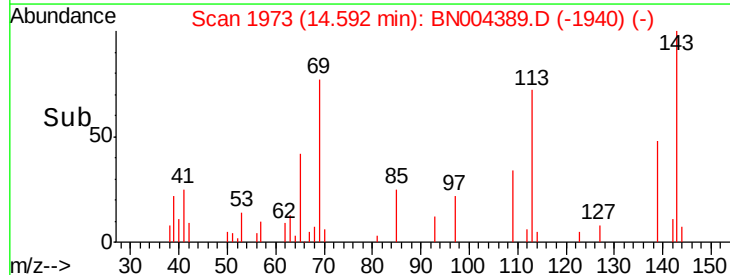
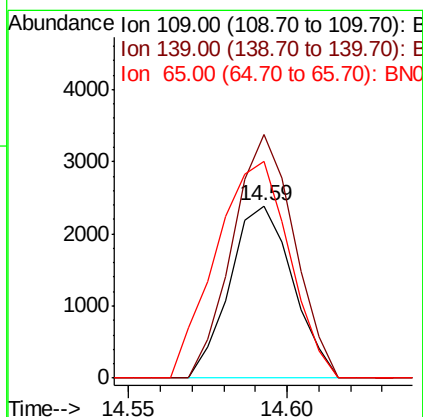
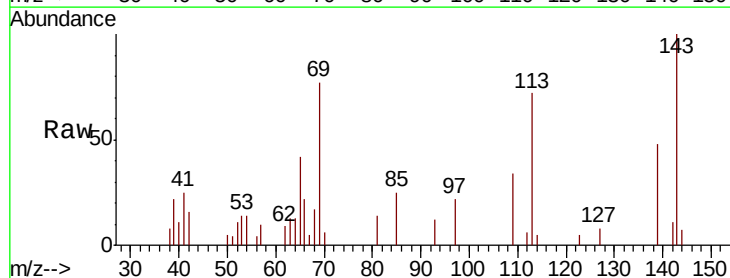
Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-04

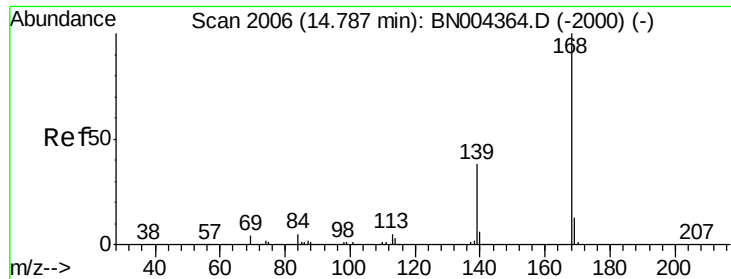
Tot Ion:184 Resp: 1419
 Ion Ratio Lower Upper
 184 100
 63 50.1 39.1 58.7
 154 61.1 46.2 69.4



#53
 4-Nitrophenol
 Concen: 3.520 ng/ul
 RT: 14.59 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BN004389.D
 Acq: 13 Feb 2019 12:55

Tgt Ion:109 Resp: 3290
 Ion Ratio Lower Upper
 109 100
 139 141.5 112.1 168.1
 65 126.3 90.3 135.5





#54

Dibenzofuran

Concen: 4.053 ng/ul

RT: 14.79 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

Instrument :

BNA_N

ClientSampleId :

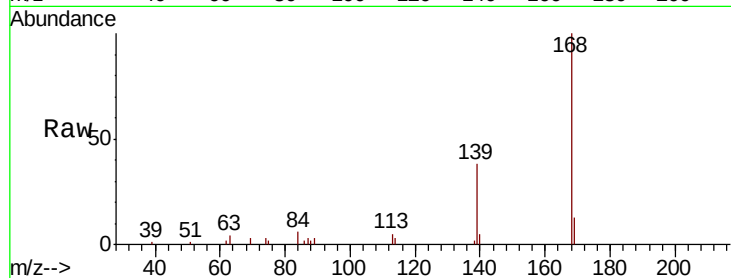
MDL-W-04

Tot Ion:168 Resp: 31192

Ion Ratio Lower Upper

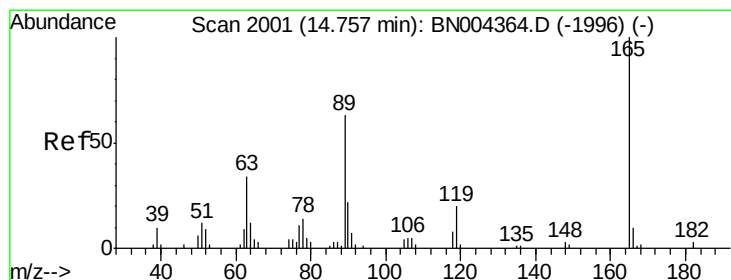
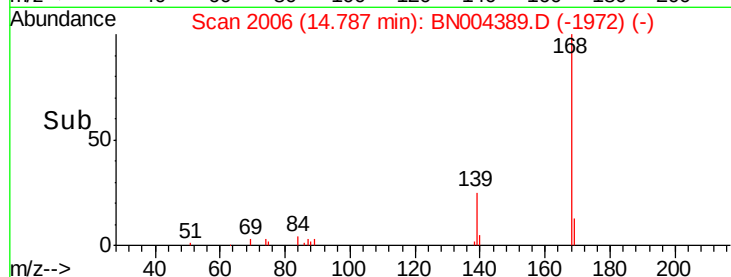
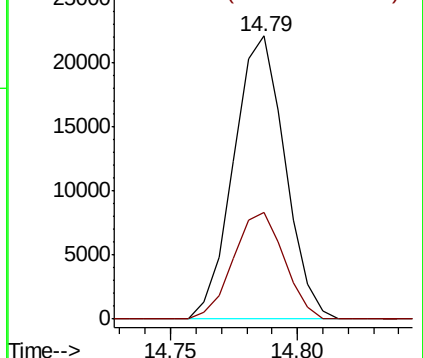
168 100

139 37.9 29.8 44.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 3.131 ng/ul

RT: 14.75 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

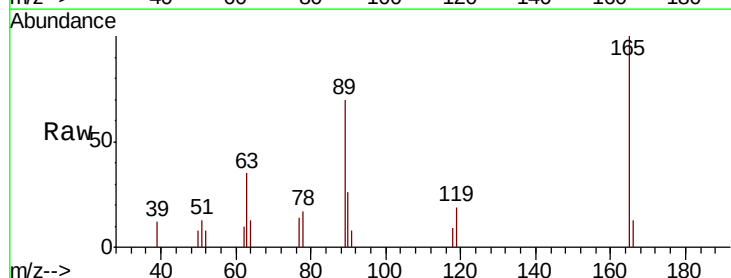
Tgt Ion:165 Resp: 5620

Ion Ratio Lower Upper

165 100

63 34.9 27.6 41.4

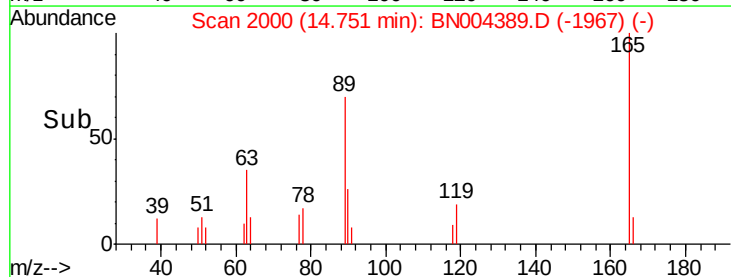
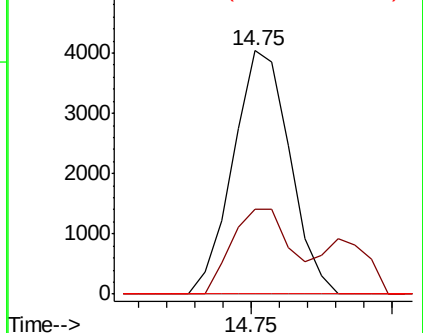
182 0.0 2.3 3.5#

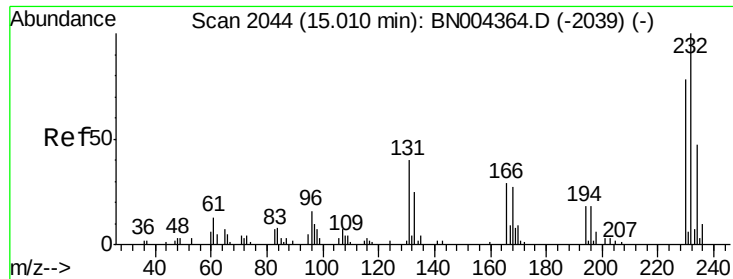


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E

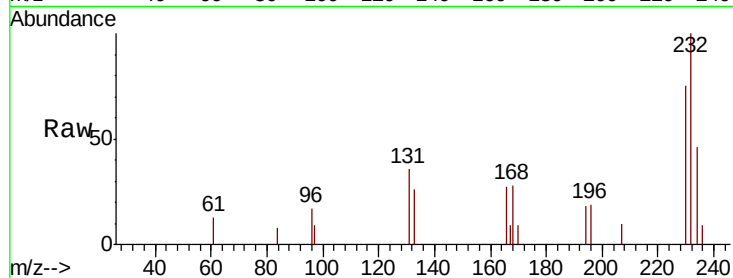




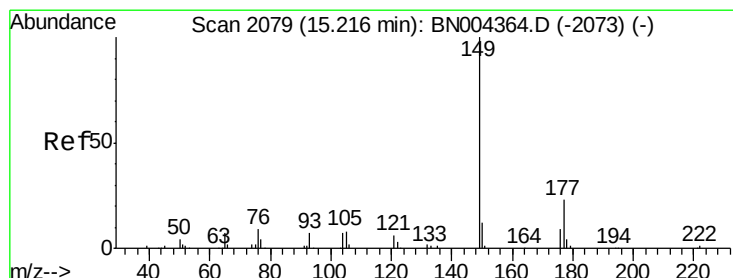
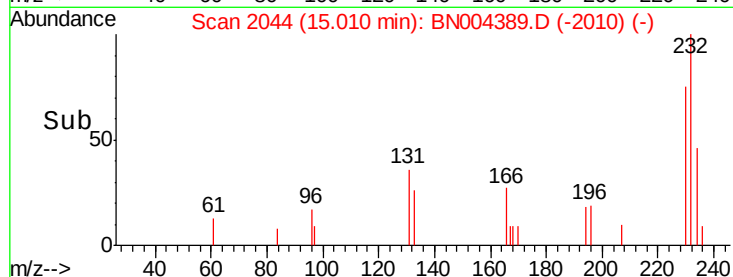
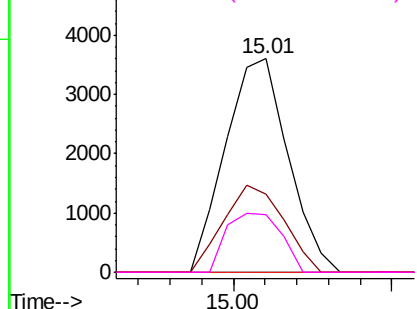
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.169 ng/ul
 RT: 15.01 min Scan# 2044
 Delta R.T. -0.00 min
 Lab File: BN004389.D
 Acq: 13 Feb 2019 12:55

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-04

Tot Ion:232 Resp: 4947
 Ion Ratio Lower Upper
 232 100
 131 36.3 33.4 50.0
 130 0.0 1.8 2.8#
 166 27.2 23.4 35.0

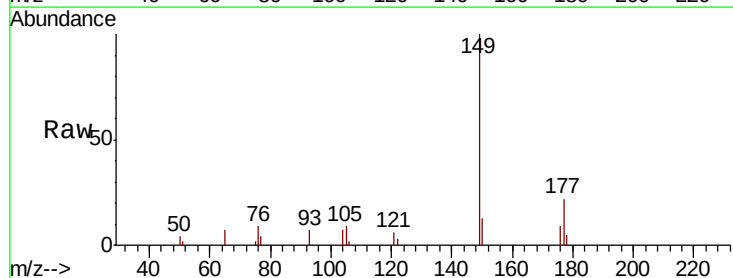


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

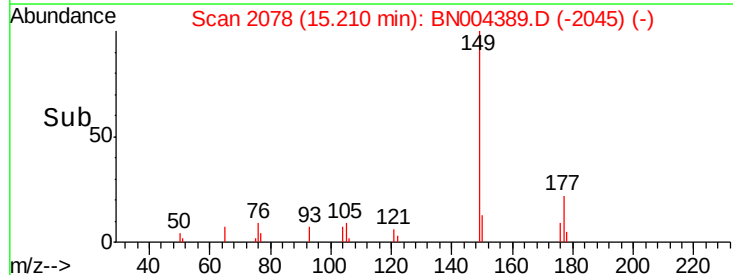
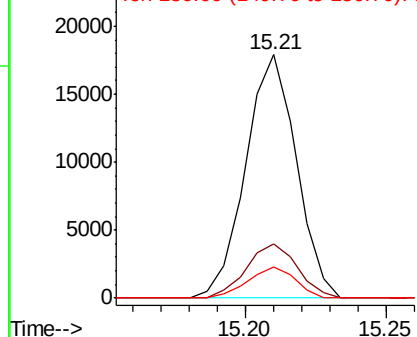


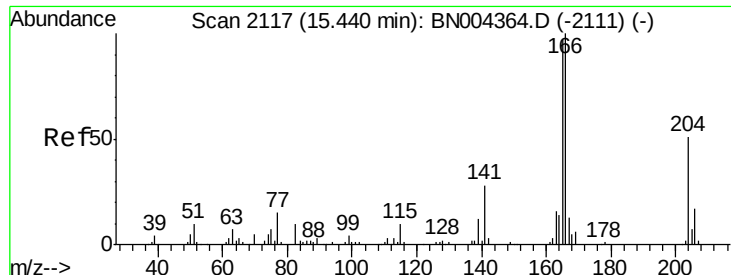
#57
 Diethylphthalate
 Concen: 3.472 ng/ul
 RT: 15.21 min Scan# 2078
 Delta R.T. -0.01 min
 Lab File: BN004389.D
 Acq: 13 Feb 2019 12:55

Tgt Ion:149 Resp: 22237
 Ion Ratio Lower Upper
 149 100
 177 22.1 18.0 27.0
 150 12.6 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: 4.100 ng/ul

RT: 15.43 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

Instrument :

BNA_N

ClientSampleId :

MDL-W-04

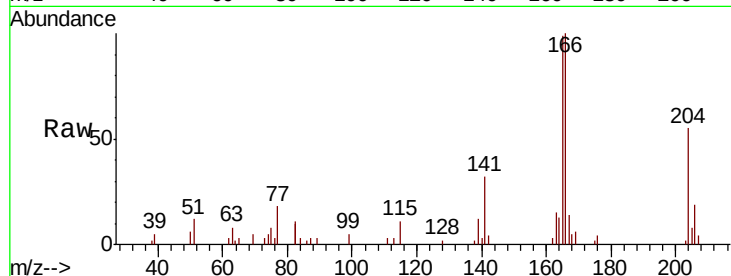
Tot Ion:166 Resp: 25569

Ion Ratio Lower Upper

166 100

165 98.6 78.0 117.0

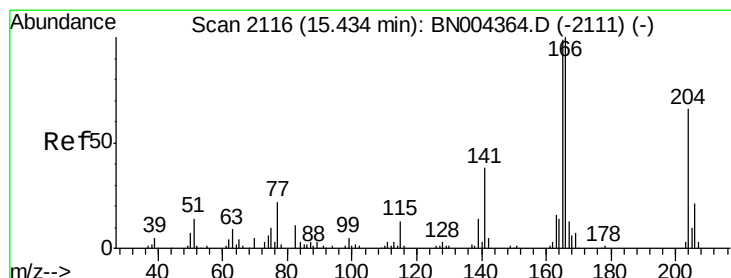
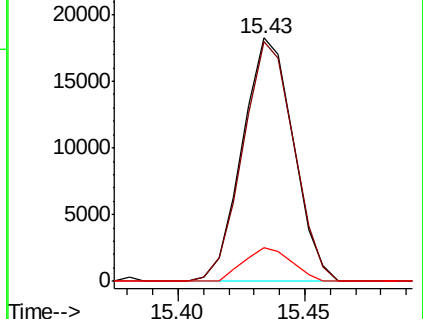
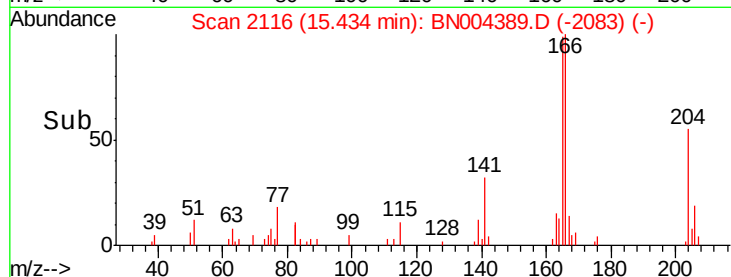
167 13.9 10.8 16.2



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: 4.134 ng/ul

RT: 15.43 min Scan# 2116

Delta R.T. -0.00 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

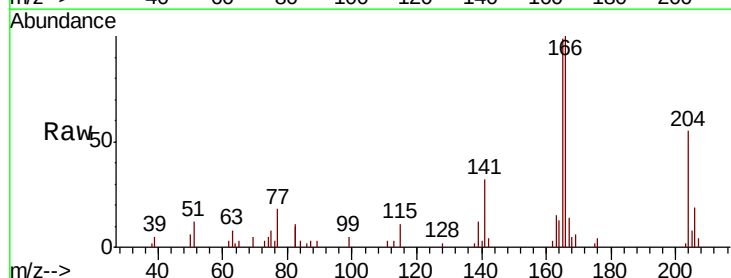
Tgt Ion:204 Resp: 13644

Ion Ratio Lower Upper

204 100

206 34.2 26.5 39.7

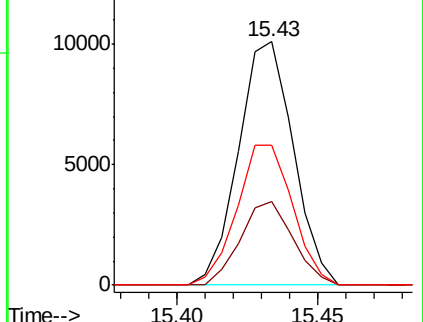
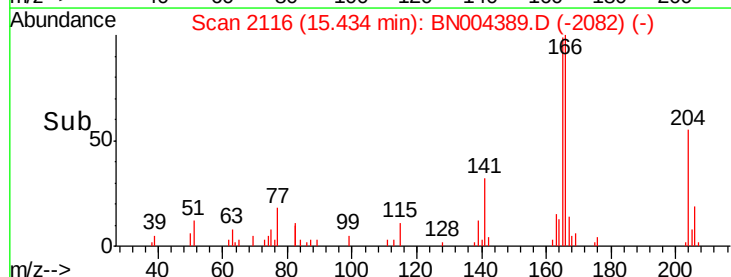
141 57.7 44.8 67.2

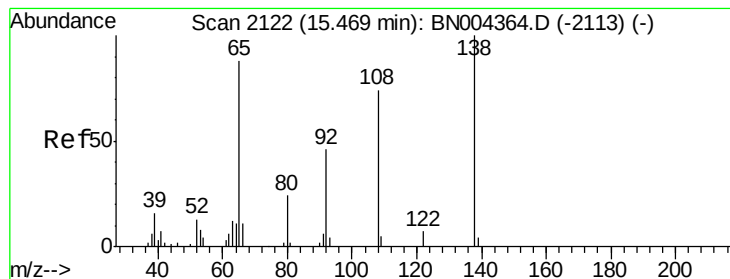


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 2.134 ng/ul

RT: 15.46 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

Instrument :

BNA_N

ClientSampled :

MDL-W-04

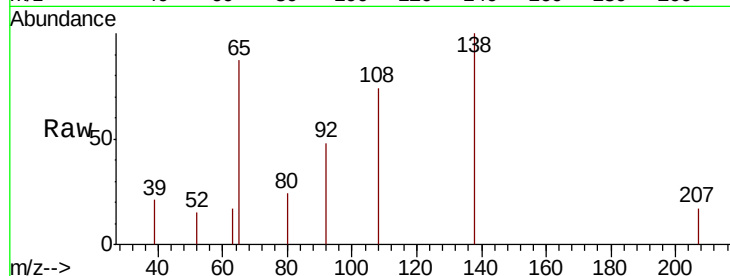
Tot Ion:138 Resp: 3244

Ion Ratio Lower Upper

138 100

92 48.0 37.8 56.8

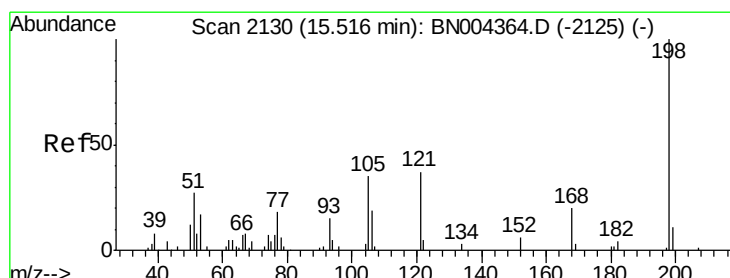
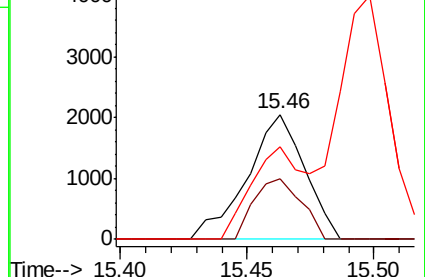
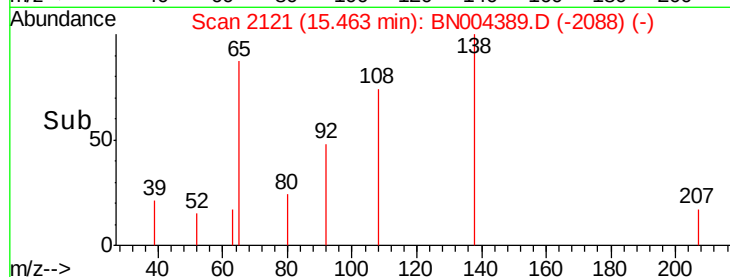
108 73.8 61.7 92.5



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: 3.253 ng/ul

RT: 15.51 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

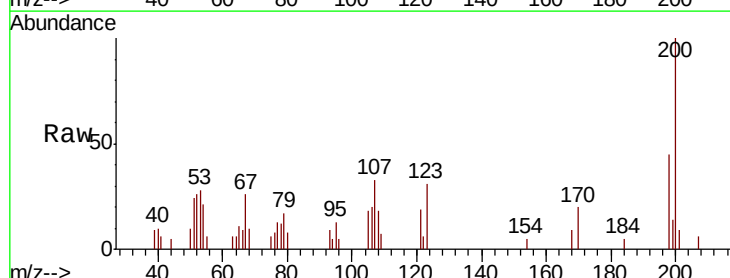
Tgt Ion:198 Resp: 3807

Ion Ratio Lower Upper

198 100

182 0.0 3.3 4.9#

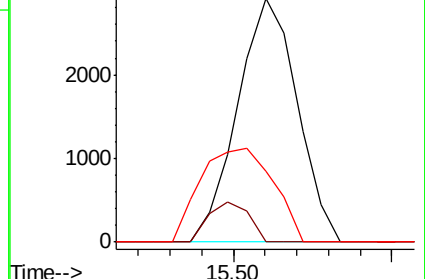
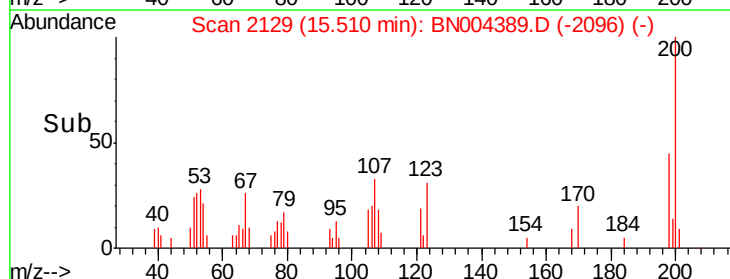
77 29.3 16.2 24.4#

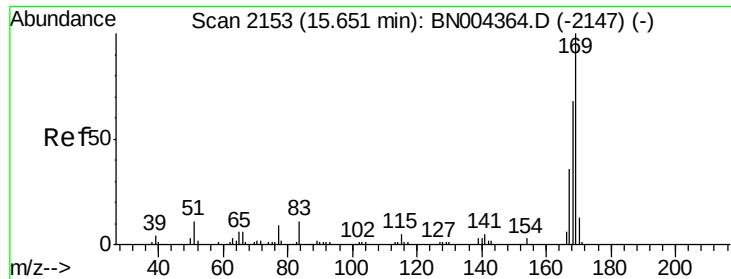


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BNO





#65

N-Nitrosodiphenylamine

Concen: 3.816 ng/ul

RT: 15.65 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

Instrument :

BNA_N

ClientSampleId :

MDL-W-04

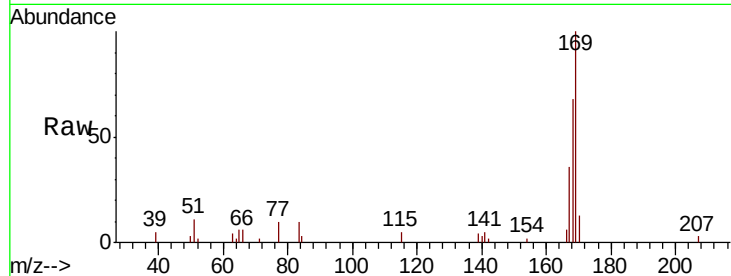
Tot Ion:169 Resp: 20862

Ion Ratio Lower Upper

169 100

168 67.8 53.8 80.6

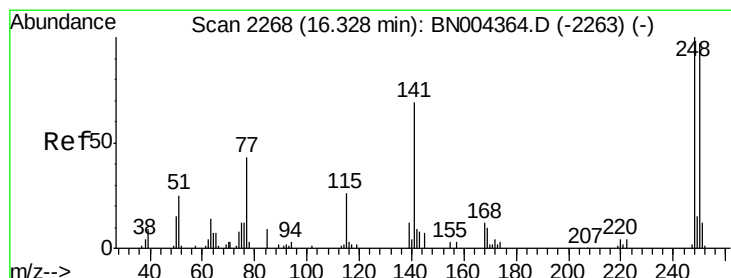
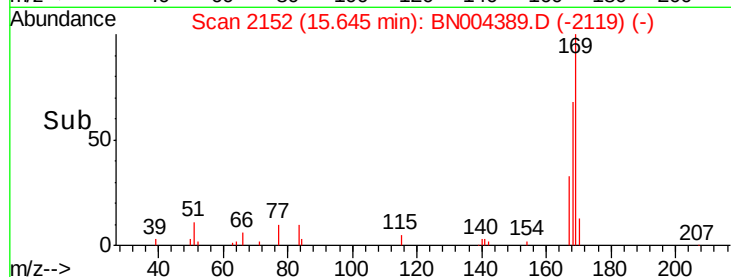
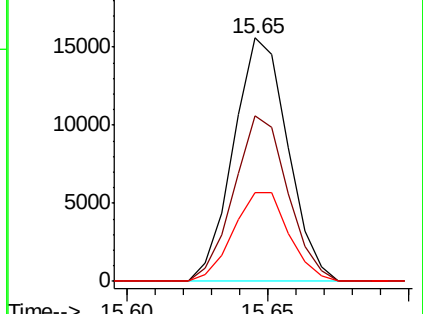
167 36.3 29.0 43.4



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: 3.851 ng/ul

RT: 16.33 min Scan# 2268

Delta R.T. -0.00 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

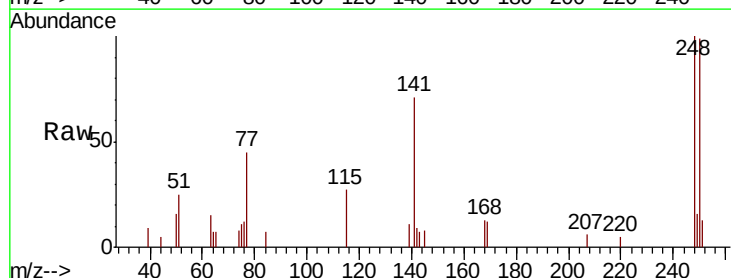
Tgt Ion:248 Resp: 8214

Ion Ratio Lower Upper

248 100

250 99.3 77.9 116.9

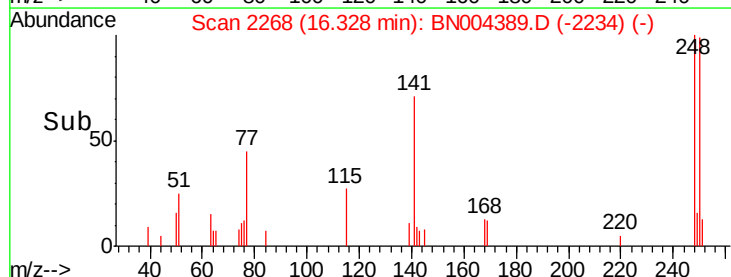
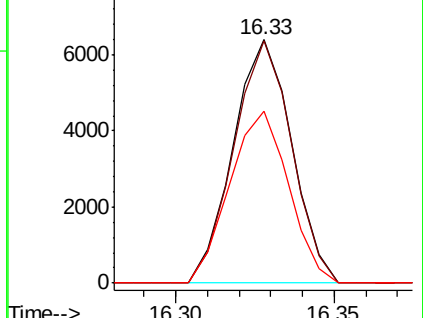
141 70.6 55.1 82.7

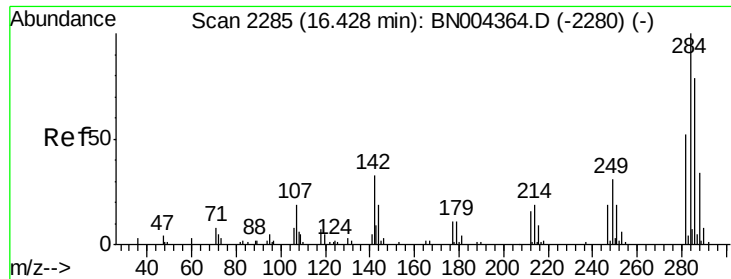


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

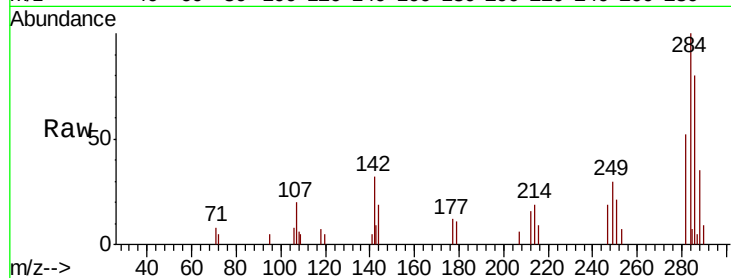




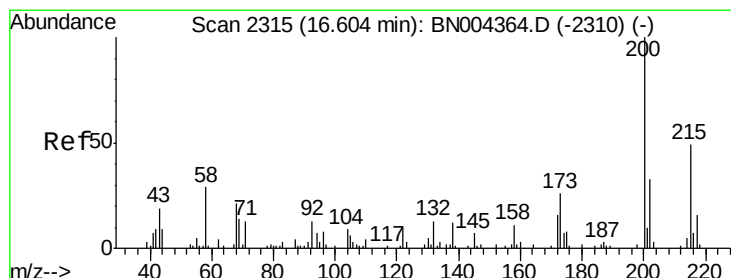
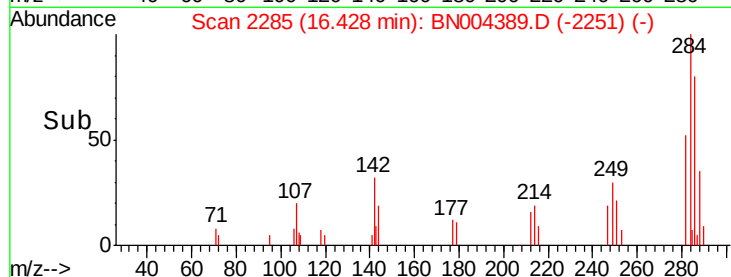
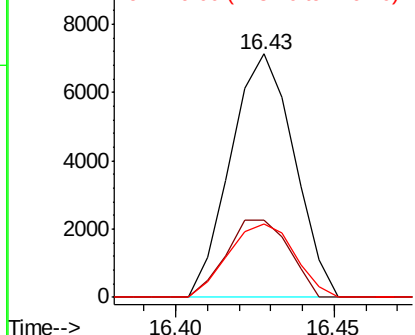
#67
Hexachlorobenzene
Concen: 3.959 ng/ul
RT: 16.43 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tot Ion:284 Resp: 9891
Ion Ratio Lower Upper
284 100
142 31.9 24.5 36.7
249 30.0 25.0 37.6

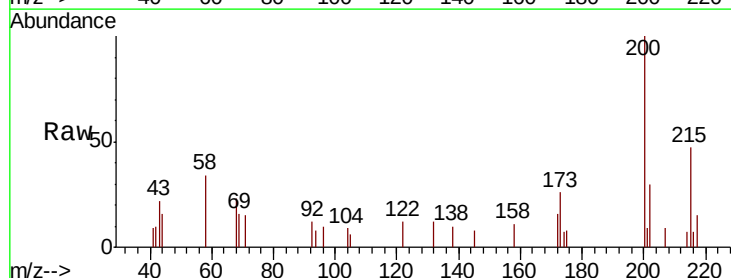


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

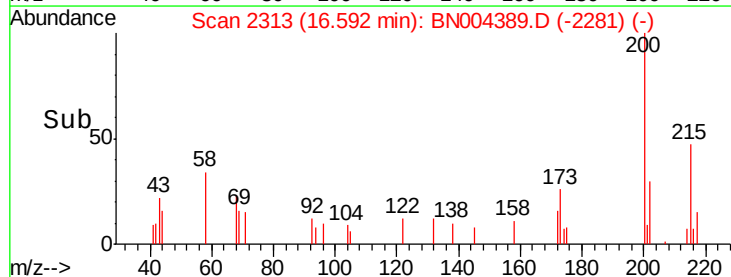
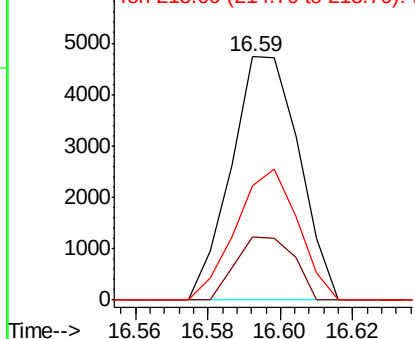


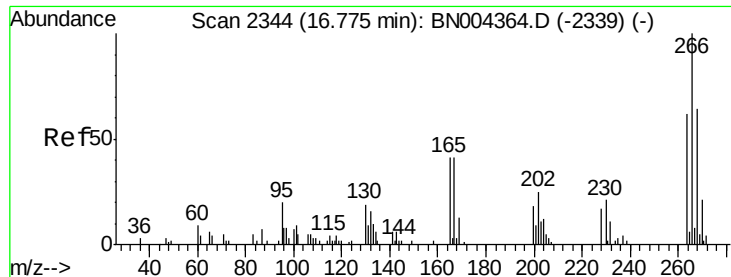
#68
Atrazine
Concen: 2.924 ng/ul
RT: 16.59 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Tgt Ion:200 Resp: 6157
Ion Ratio Lower Upper
200 100
173 25.7 20.1 30.1
215 46.7 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

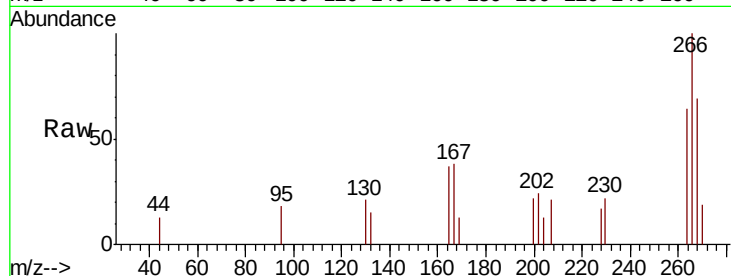




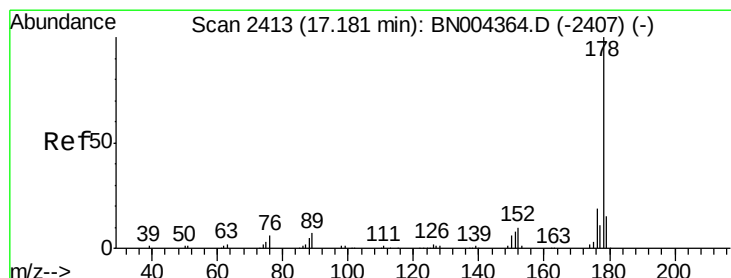
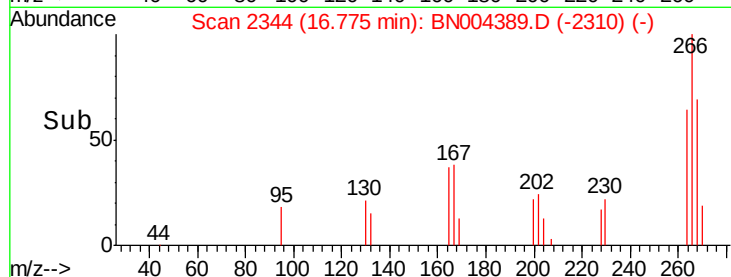
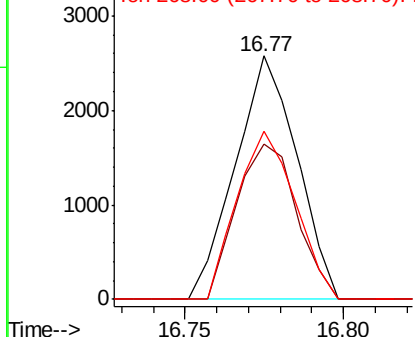
#69
 Pentachlorophenol
 Concen: 2.392 ng/ul
 RT: 16.77 min Scan# 2344
 Delta R.T. -0.00 min
 Lab File: BN004389.D
 Acq: 13 Feb 2019 12:55

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-04

Tot Ion:266 Resp: 3484
 Ion Ratio Lower Upper
 266 100
 264 63.8 50.3 75.5
 268 69.2 49.6 74.4

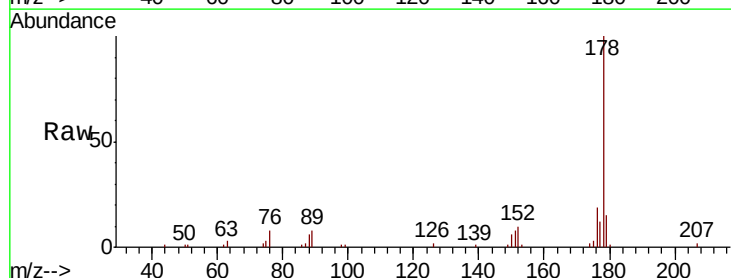


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

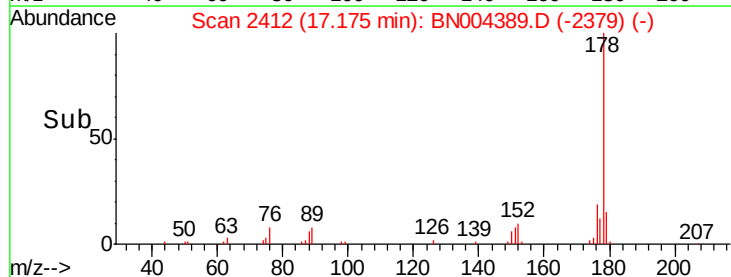
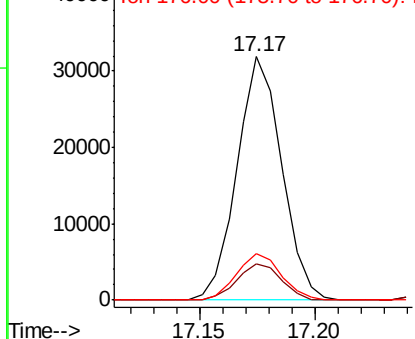


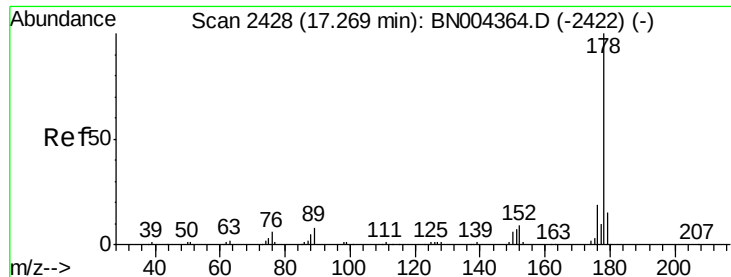
#70
 Phenanthrene
 Concen: 4.074 ng/ul
 RT: 17.17 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BN004389.D
 Acq: 13 Feb 2019 12:55

Tgt Ion:178 Resp: 43147
 Ion Ratio Lower Upper
 178 100
 179 14.8 12.3 18.5
 176 19.3 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: 4.050 ng/ul

RT: 17.27 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

Instrument :

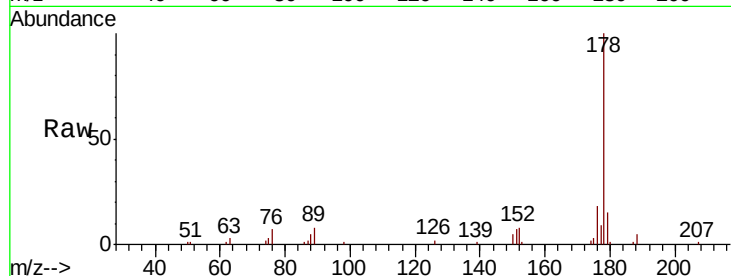
BNA_N

ClientSampleId :

MDL-W-04

Tot Ion:178 Resp: 43186

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.4
176	17.5	14.9	22.3

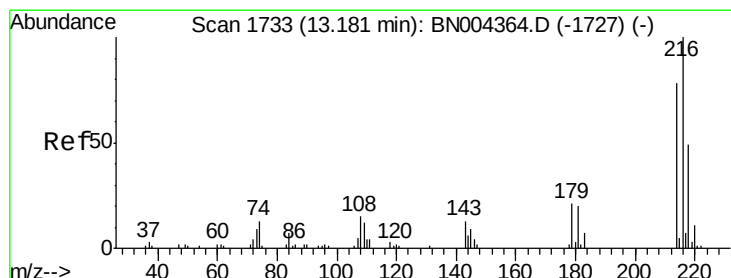
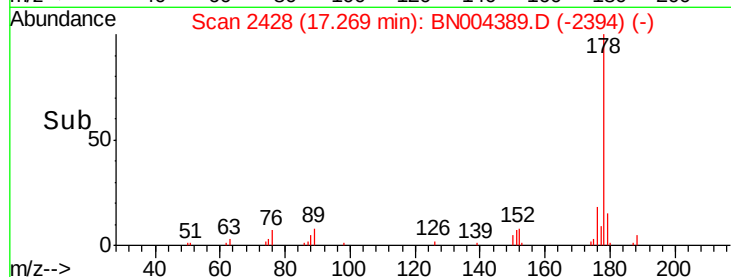
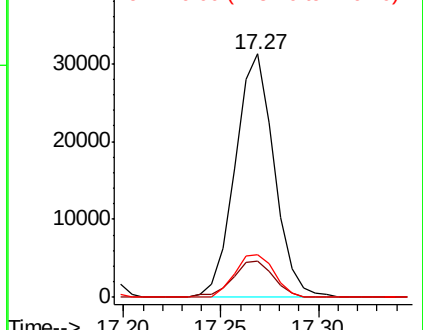


Abundance

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: 4.158 ng/uL

RT: 13.17 min Scan# 1732

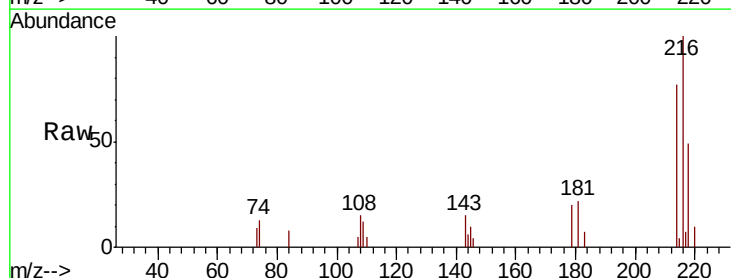
Delta R.T. -0.01 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

Tgt Ion:216 Resp: 10887

Ion	Ratio	Lower	Upper
216	100		
214	77.2	61.9	92.9
218	49.5	38.7	58.1

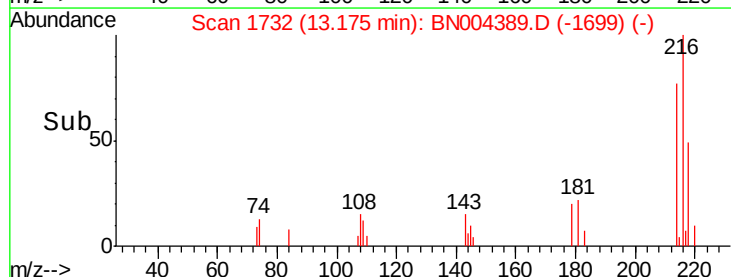
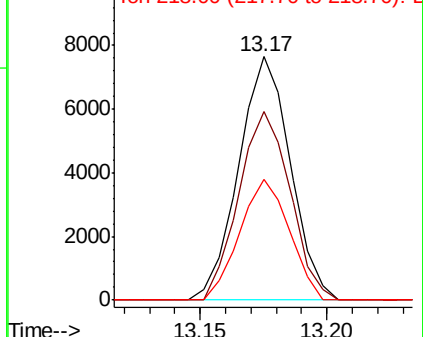


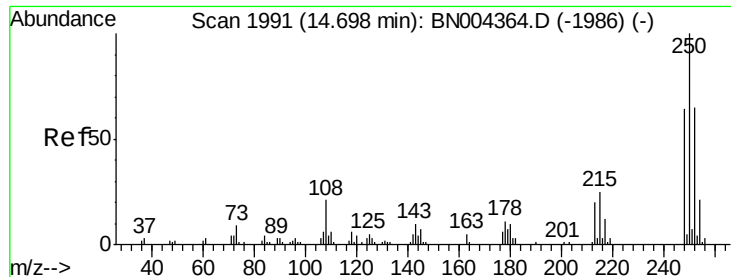
Abundance

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

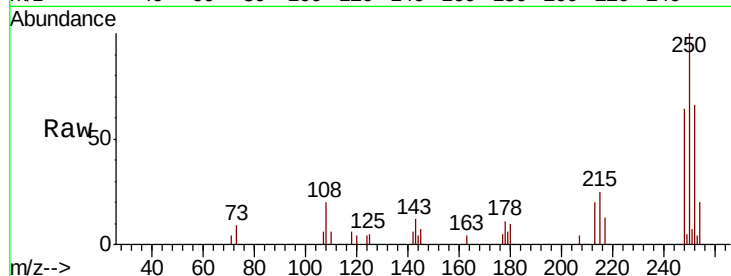




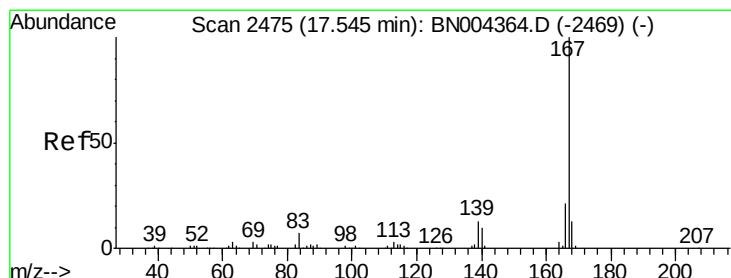
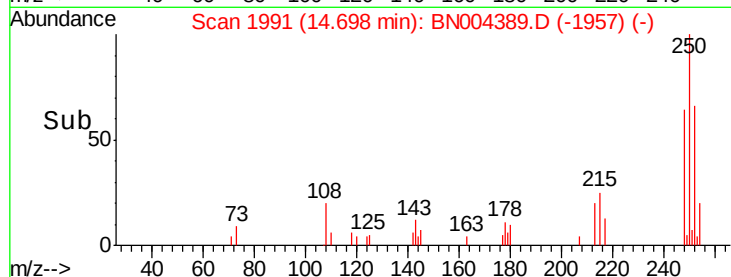
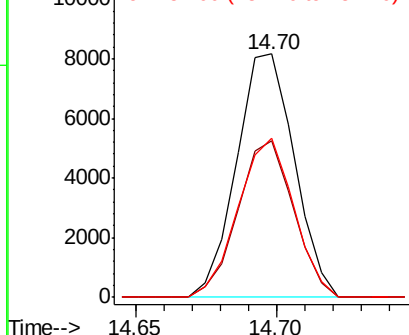
#74
 Pentachlorobenzene
 Concen: 4.142 ng/uL
 RT: 14.70 min Scan# 1991
 Delta R.T. 0.00 min
 Lab File: BN004389.D
 Acq: 13 Feb 2019 12:55

Instrument :
 BNA_N
 ClientSampleID :
 MDL-W-04

Tot Ion:250 Resp: 11593
 Ion Ratio Lower Upper
 250 100
 248 64.1 51.5 77.3
 252 65.6 50.4 75.6

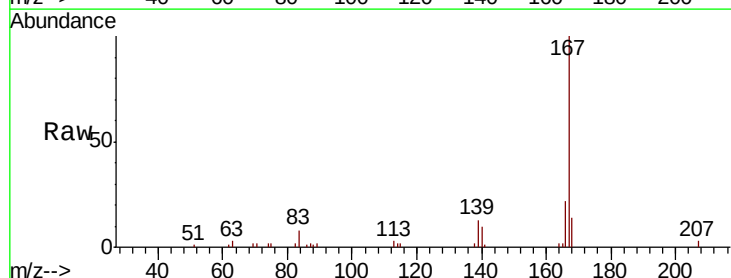


Abundance Ion 250.00 (249.70 to 250.70): E
 Ion 248.00 (247.70 to 248.70): E
 Ion 252.00 (251.70 to 252.70): E

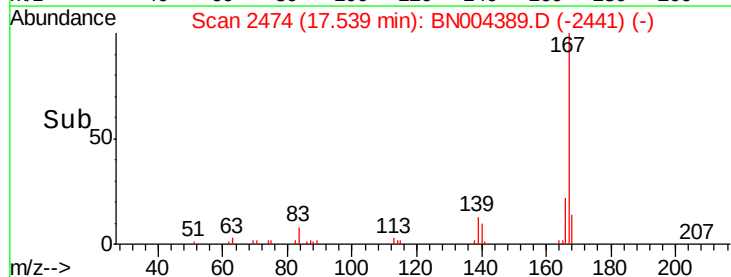
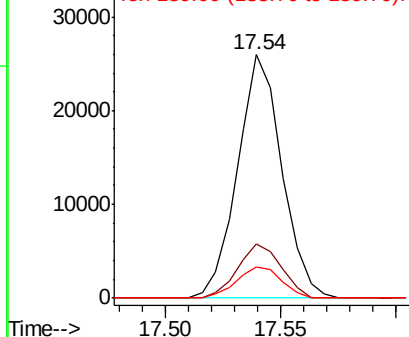


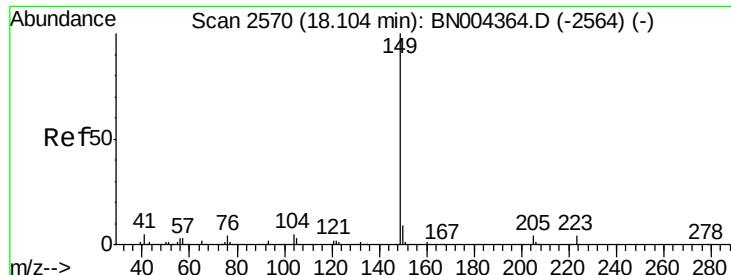
#75
 Carbazole
 Concen: 3.641 ng/uL
 RT: 17.54 min Scan# 2474
 Delta R.T. -0.01 min
 Lab File: BN004389.D
 Acq: 13 Feb 2019 12:55

Tgt Ion:167 Resp: 34688
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.5 26.3
 139 13.0 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

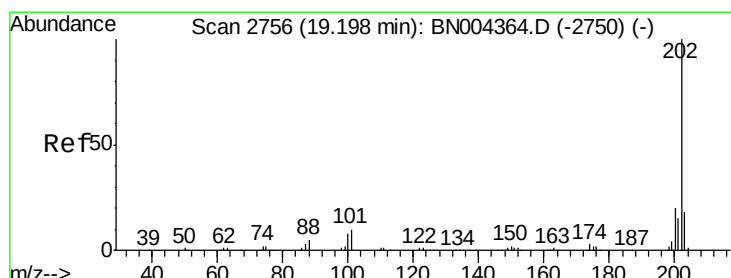
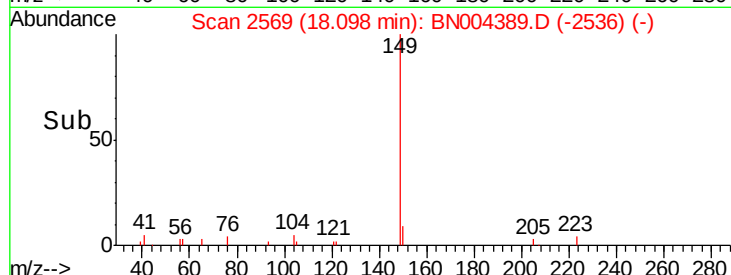
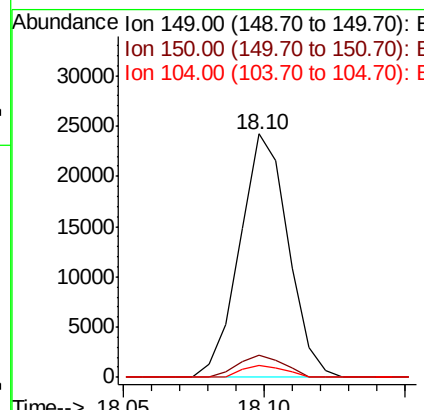
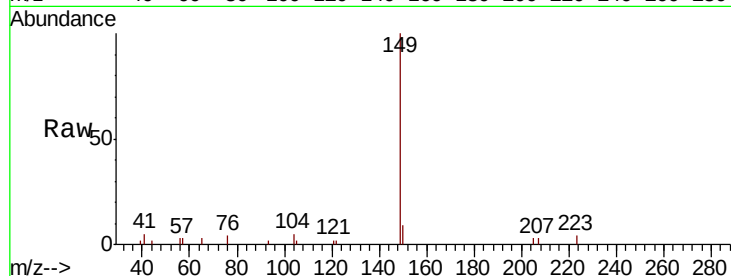




#76
Di-n-butylphthalate
Concen: 2.763 ng/ul
RT: 18.10 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

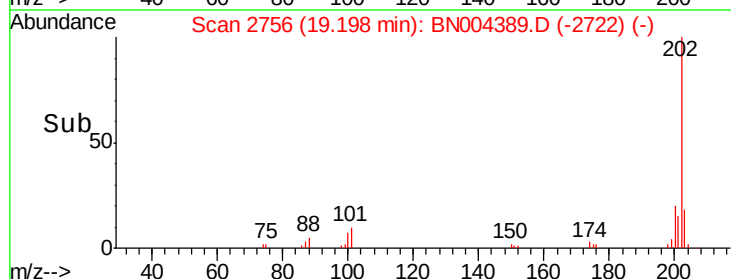
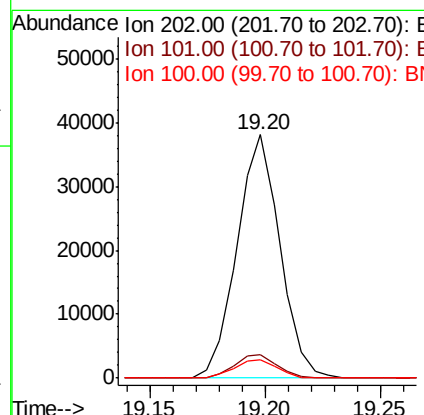
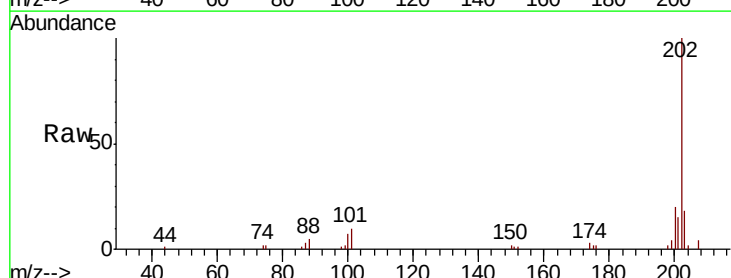
Instrument :
BNA_N
ClientSampleId :
MDL-W-04

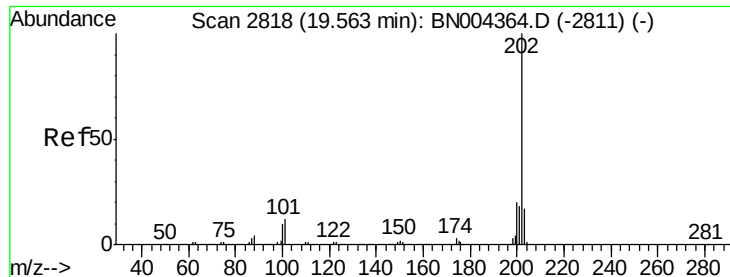
Tot Ion:149 Resp: 28897
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 4.8 3.7 5.5



#77
Fluoranthene
Concen: 3.777 ng/ul
RT: 19.20 min Scan# 2756
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Tgt Ion:202 Resp: 49248
Ion Ratio Lower Upper
202 100
101 9.7 8.2 12.4
100 7.3 6.6 9.8

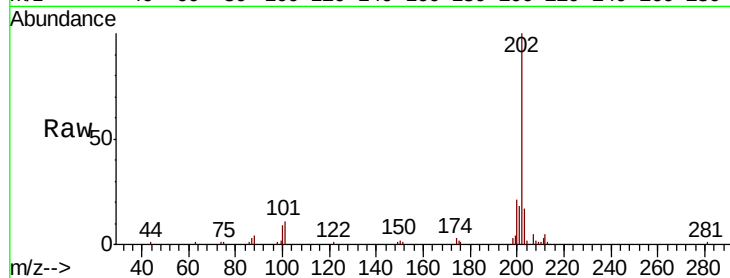




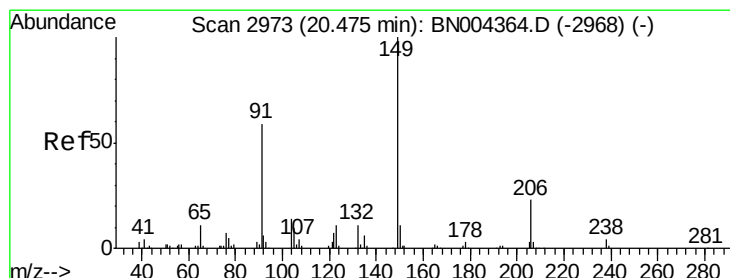
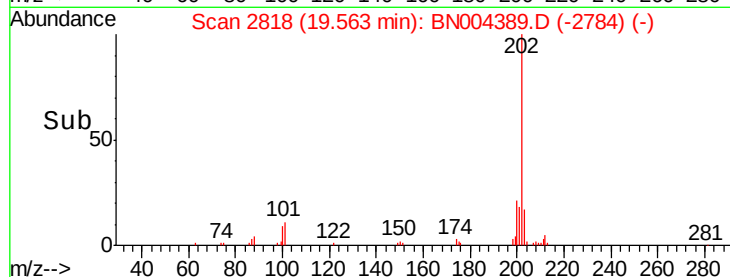
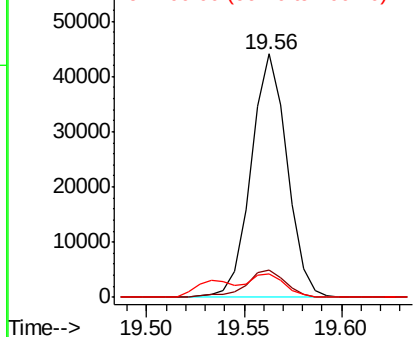
#80
Pvrene
Concen: 3.981 ng/ul
RT: 19.56 min Scan# 2818
Delta R.T. 0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.2	13.8
100	9.5	7.5	11.3

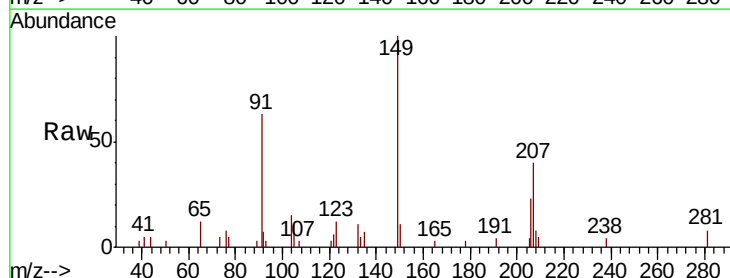


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

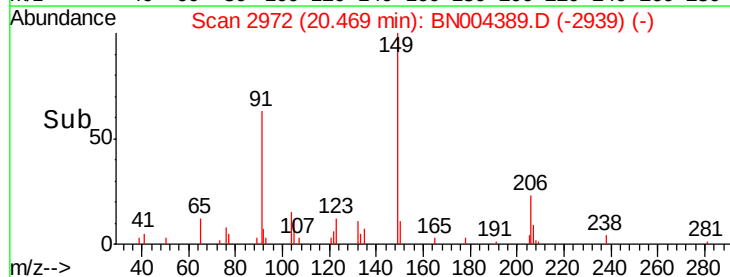
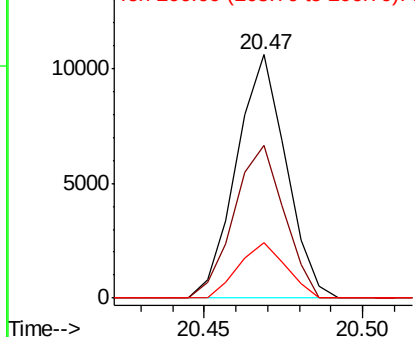


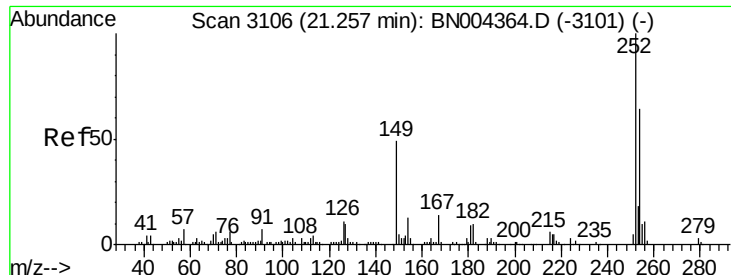
#81
Butylbenzylphthalate
Concen: 2.367 ng/ul
RT: 20.47 min Scan# 2972
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.8	49.8	74.6
206	22.9	18.2	27.2



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





#82

3,3'-Dichlorobenzidine

Concen: 2.083 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. -0.00 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

Instrument :

BNA_N

ClientSampleId :

MDL-W-04

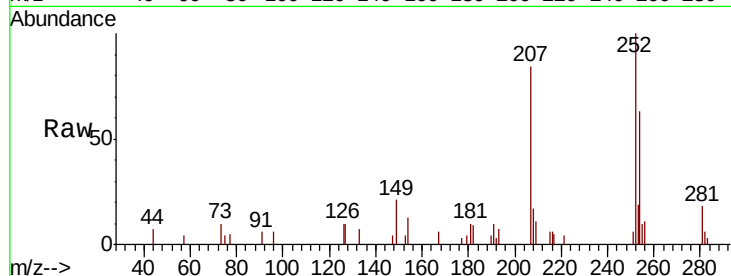
Tot Ion:252 Resp: 11189

Ion Ratio Lower Upper

252 100

254 62.8 51.8 77.6

126 9.5 8.3 12.5

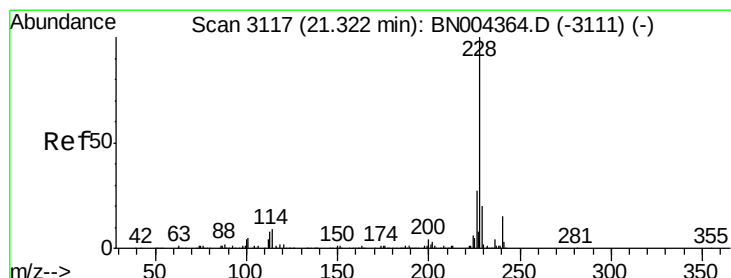
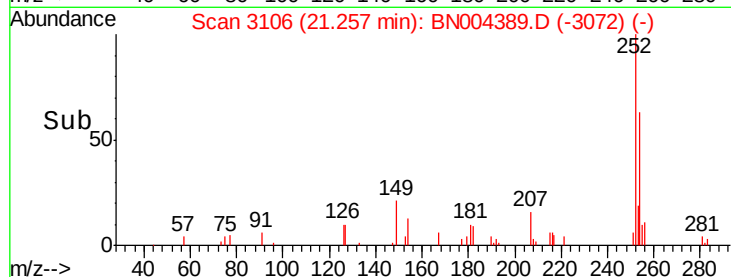
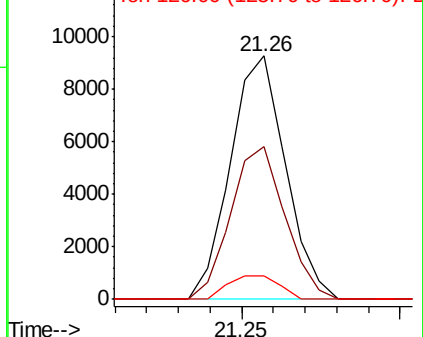


Abundance

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: 3.895 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

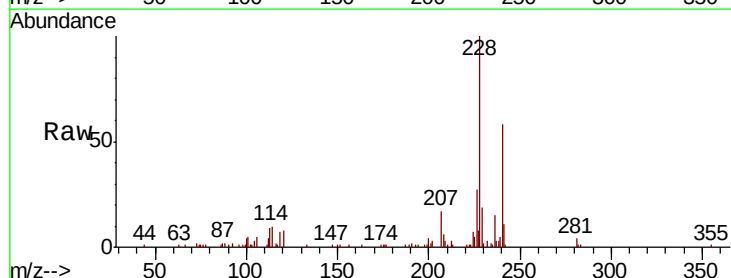
Tgt Ion:228 Resp: 61471

Ion Ratio Lower Upper

228 100

229 19.5 15.4 23.2

226 26.7 21.4 32.2

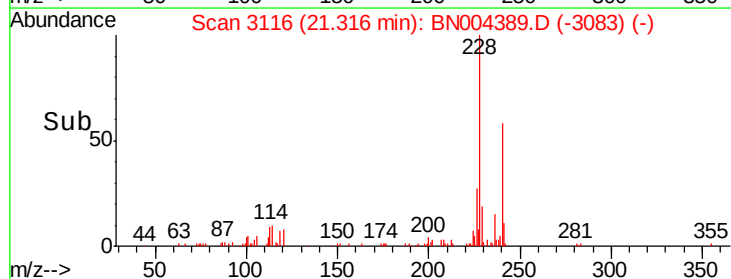
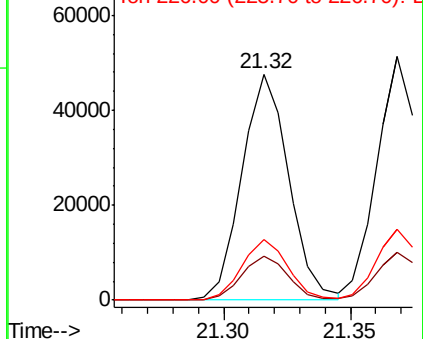


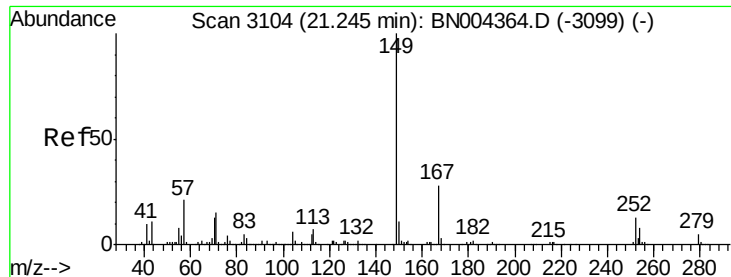
Abundance

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: 2.314 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

Instrument :

BNA_N

ClientSampleId :

MDL-W-04

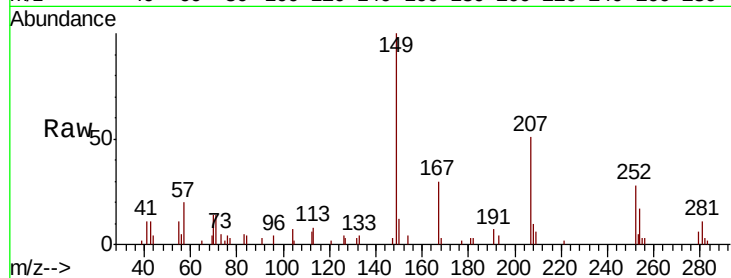
Tot Ion:149 Resp: 16879

Ion Ratio Lower Upper

149 100

167 29.9 22.7 34.1

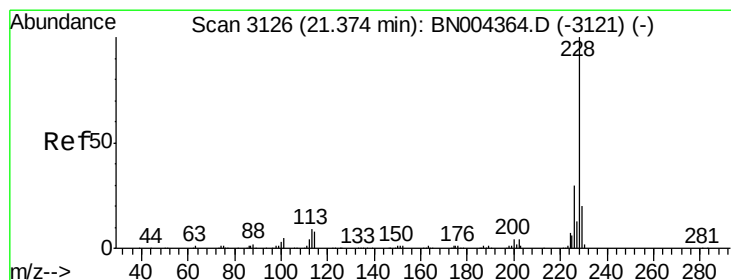
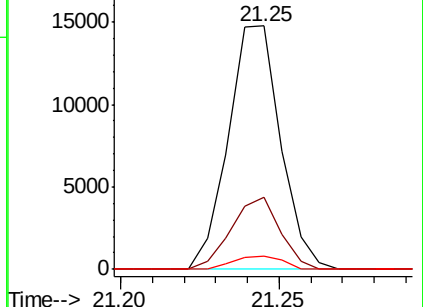
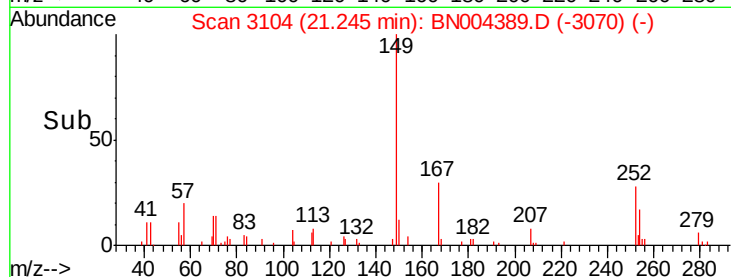
279 5.5 4.3 6.5



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: 4.049 ng/ul

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

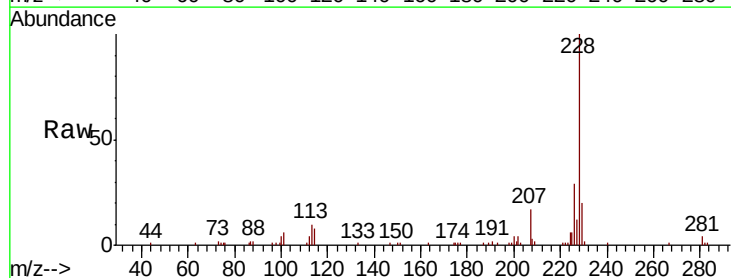
Tgt Ion:228 Resp: 60659

Ion Ratio Lower Upper

228 100

226 29.1 24.0 36.0

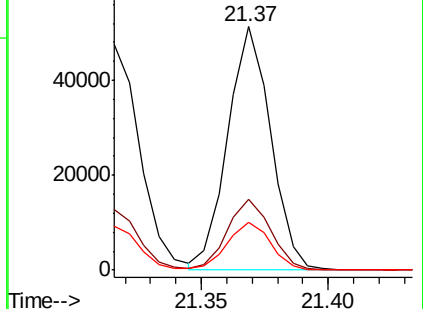
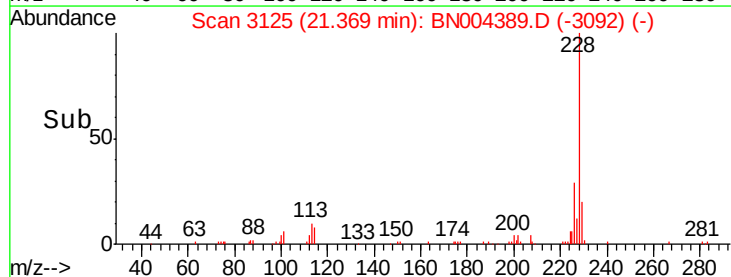
229 19.5 15.7 23.5

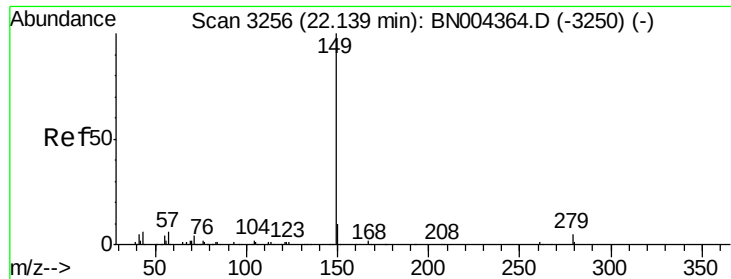


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 2.222 ng/ul

RT: 22.13 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

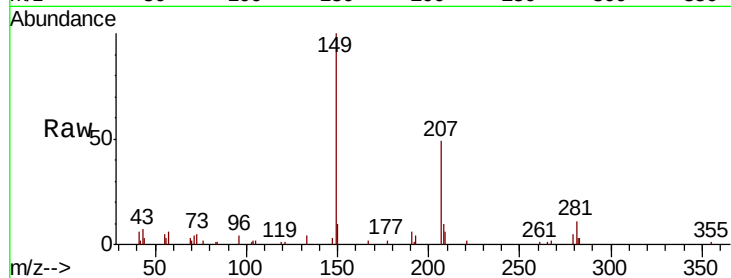
Instrument :

BNA_N

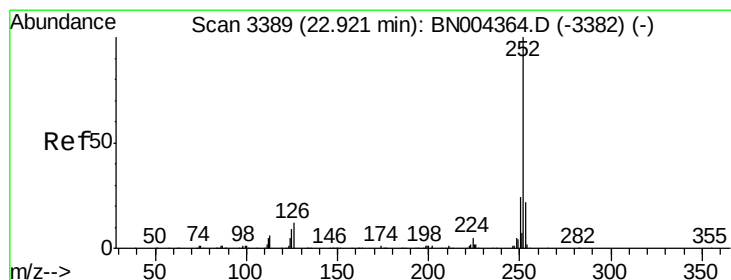
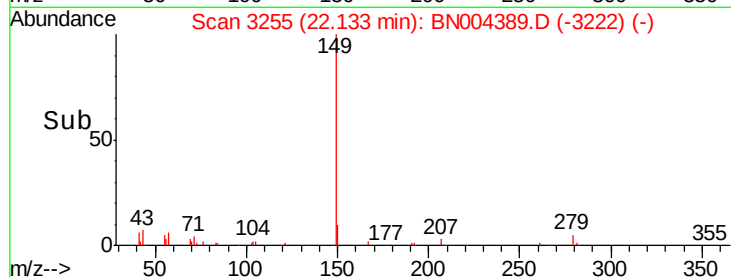
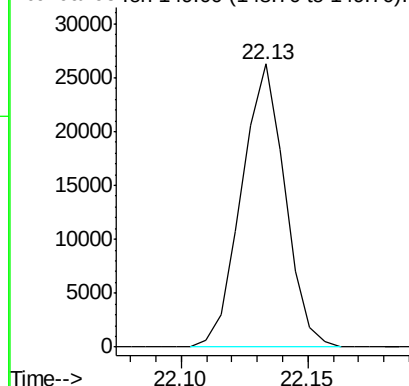
ClientSampleId :

MDL-W-04

Tgt Ion:149 Resp: 31432



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.807 ng/ul

RT: 22.92 min Scan# 3388

Delta R.T. -0.01 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

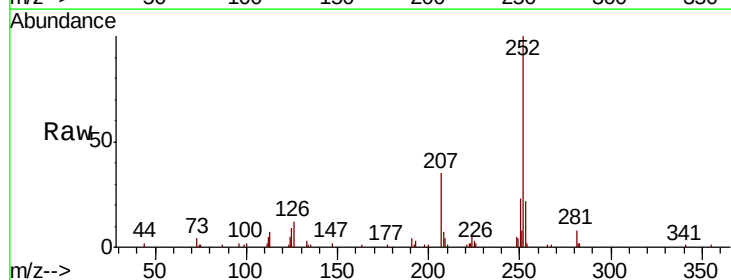
Tgt Ion:252 Resp: 66608

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

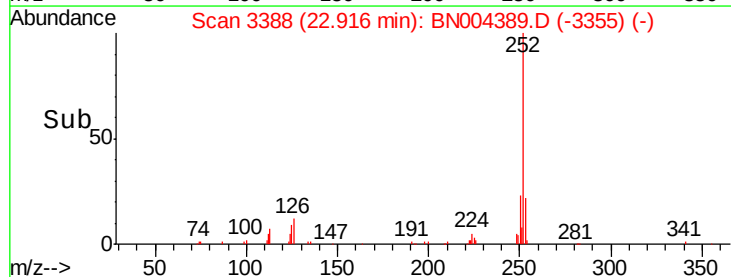
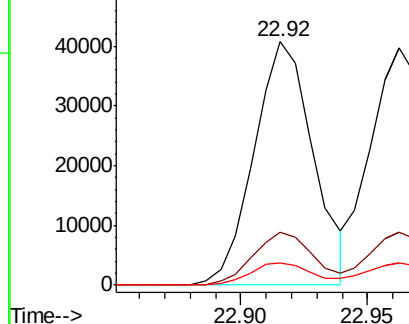
125 8.9 7.4 11.2

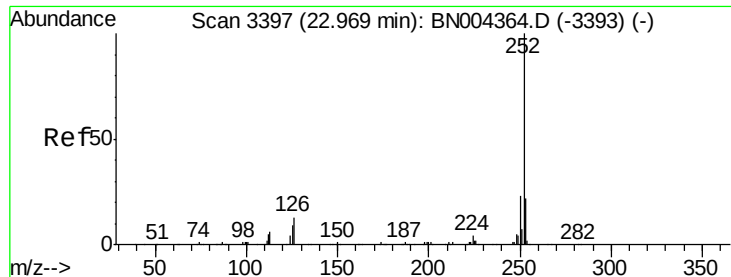


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.907 ng/ul

RT: 22.96 min Scan# 3396

Delta R.T. -0.01 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

Instrument :

BNA_N

ClientSampled :

MDL-W-04

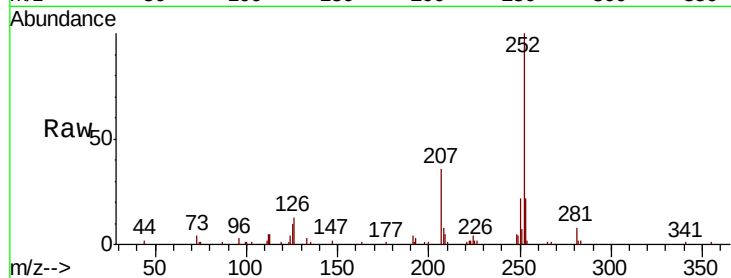
Tot Ion:252 Resp: 66454

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

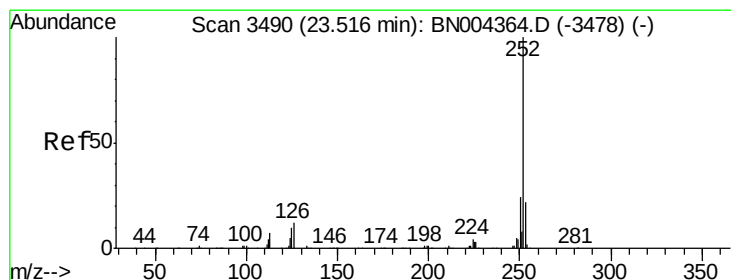
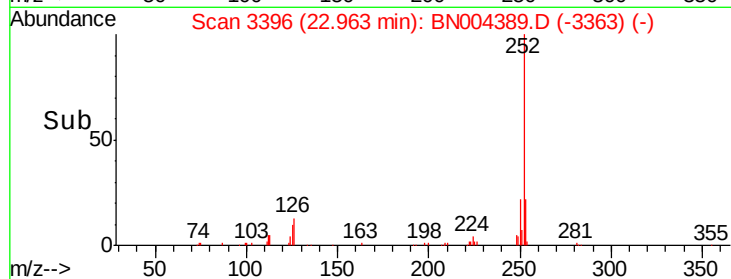
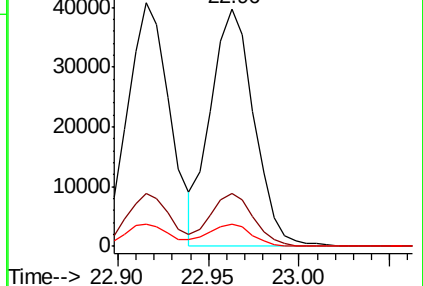
125 9.6 7.4 11.0



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: 4.071 ng/ul

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

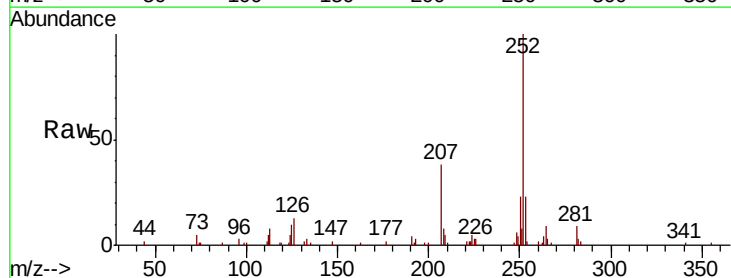
Tgt Ion:252 Resp: 69502

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

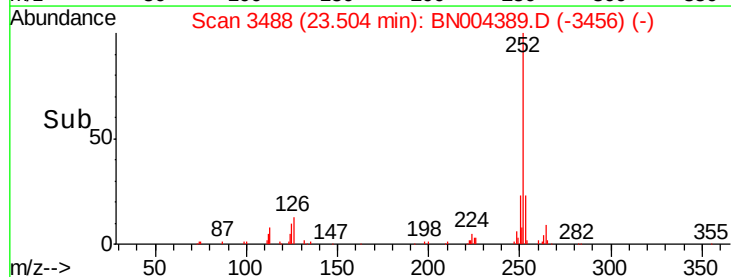
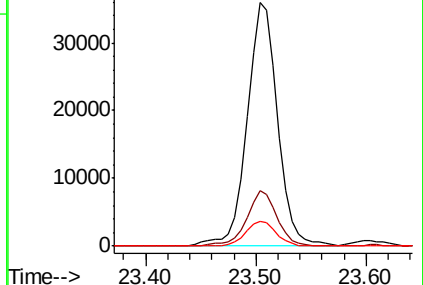
125 10.2 8.4 12.6

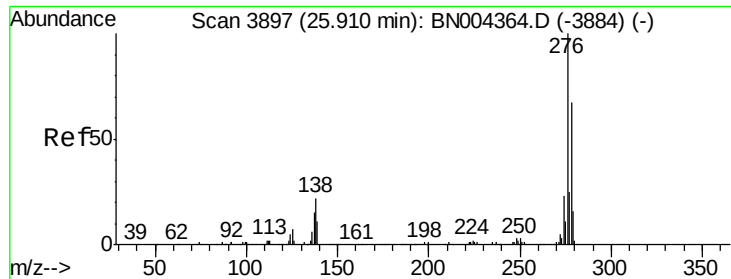


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



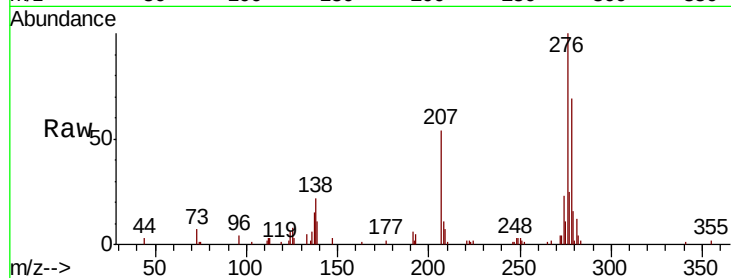


#92

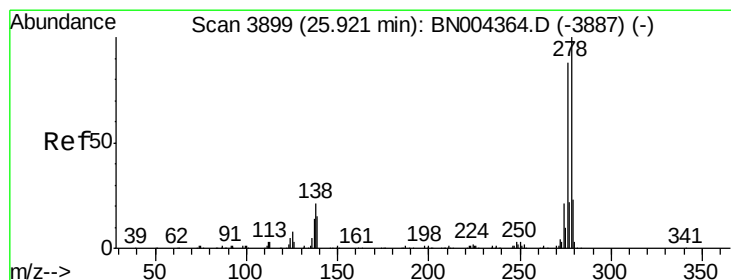
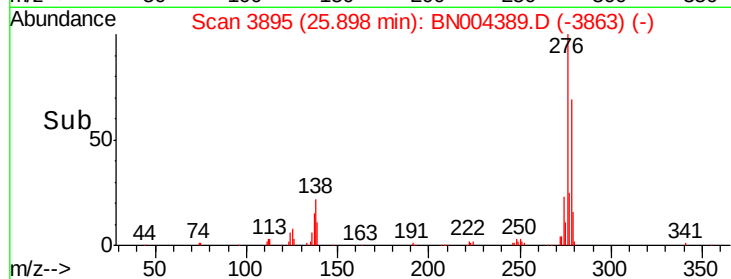
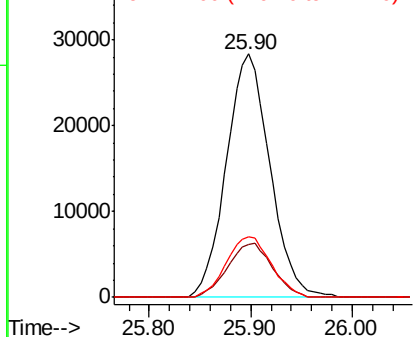
Indeno(1,2,3-cd)pyrene
Concen: 3.897 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.8	18.7	28.1
277	24.8	19.8	29.8



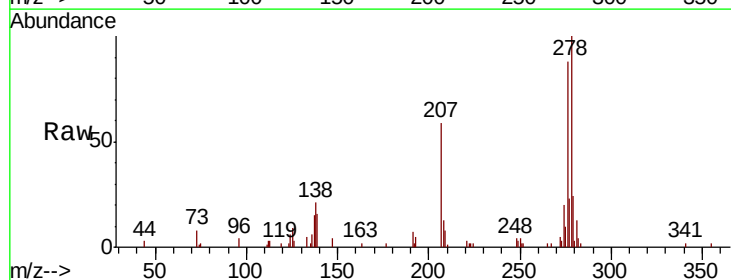
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



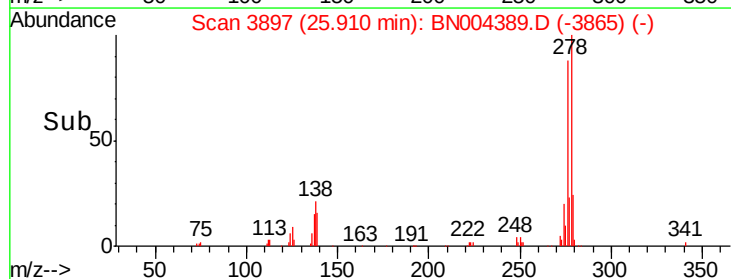
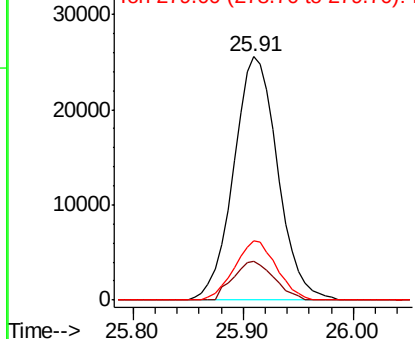
#93

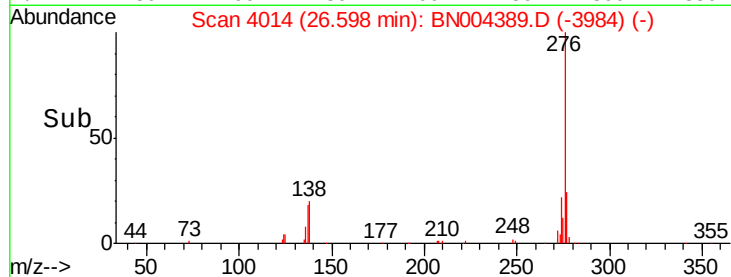
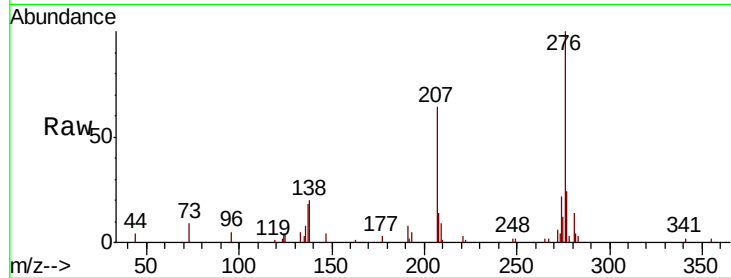
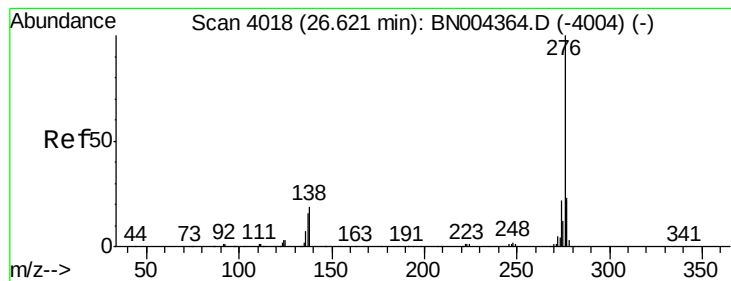
Dibenzo(a,h)anthracene
Concen: 3.966 ng/ul
RT: 25.91 min Scan# 3897
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.4	18.6
279	24.3	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: 3.993 ng/ul

RT: 26.60 min Scan# 4014

Delta R.T. -0.02 min

Lab File: BN004389.D

Acq: 13 Feb 2019 12:55

Instrument :

BNA_N

ClientSampleId :

MDL-W-04

Tot Ion:276 Resp: 72544

Ion Ratio Lower Upper

276 100

138 19.6 16.7 25.1

277 24.2 19.0 28.6

