Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
Data File : BN004390.D
Acq On : 13 Feb 2019 13:30
Operator : JU/SJ
Sample : MDL-W-05
Misc : 1PPM/4PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-W-05

Quant Time: Feb 13 15:04:37 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	26704	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	126110	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	82137	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	202327	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	269382	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	314170	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	2758	6.21	ng/uL	0.00
5) Phenol-d5	6.90	99	58150	24.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	32616	27.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	52374	27.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	50836	24.85	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	24049	28.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	25440	29.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	52491	26.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	74681	34.18	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	200240	28.75	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	238072	28.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	31805	23.85	ng/ul	0.00
58) Fluorene-d10	15.38	176	176529	28.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	26808	22.72	ng/ul	0.00
71) Anthracene-d10	17.23	188	287501	29.65	ng/ul	0.00
79) Pyrene-d10	19.53	212	350247	29.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	425380	25.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	791	1.447	ng/uL#	76
4) Benzaldehyde	6.90	77	3012	2.205	ng/ul	95
6) Phenol	6.93	94	7214	3.036	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.18	93	5505	3.239	ng/ul	93
10) 2-Chlorophenol	7.31	128	6140	3.195	ng/ul	99
11) 2-Methylphenol	8.18	108	4972	2.616	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.26	45	6623	3.287	ng/ul	99
14) Acetophenone	8.57	105	9237	3.030	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.55	70	3626	2.773	ng/ul#	92
16) 4-Methylphenol	8.50	108	6094	2.897	ng/ul	91
17) Hexachloroethane	8.82	117	2202	3.273	ng/ul	94
20) Nitrobenzene	8.95	77	6529	3.574	ng/ul	99
21) Isophorone	9.46	82	10375	2.773	ng/ul	98
23) 2-Nitrophenol	9.65	139	3372	3.449	ng/ul	98
24) 2,4-Dimethylphenol	9.70	107	6934	3.145	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.95	93	7563	3.115	ng/ul	98
27) 2,4-Dichlorophenol	10.18	162	6527	3.346	ng/ul	91
28) Naphthalene	10.59	128	23549	3.622	ng/ul	100
30) 4-Chloroaniline	10.70	127	7051	3.224	ng/ul	95
31) Hexachlorobutadiene	10.85	225	4607	3.653	ng/ul	95
32) Caprolactam	11.48	113	1045	1.586	ng/ul	93
33) 4-Chloro-3-methylphenol	11.81	107	5830	2.771	ng/ul	100
34) 2-Methylnaphthalene	12.20	142	17475	3.504	ng/ul	100

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Misc : 1PPM/4PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-W-05

Quant Time: Feb 13 15:04:37 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)
35) 1-Methylnaphthalene	12.42	142	17475	3.553	ng/ul	93
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	9700	3.547	ng/ul	97
38) Hexachlorocyclopentadiene	12.53	237	5155	3.032	ng/ul	96
39) 2,4,6-Trichlorophenol	12.80	196	4313	2.670	ng/ul	97
40) 2,4,5-Trichlorophenol	12.87	196	5084	2.801	ng/ul	97
41) 1,1'-Biphenyl	13.22	154	23578	3.553	ng/ul	100
42) 2-Chloronaphthalene	13.26	162	18109	3.508	ng/ul	99
43) 2-Nitroaniline	13.47	65	2277	2.161	ng/ul	90
45) Dimethylphthalate	13.85	163	23578	3.424	ng/ul	100
46) 2,6-Dinitrotoluene	13.97	165	3023	2.490	ng/ul	95
48) Acenaphthylene	14.11	152	27549	3.516	ng/ul	99
49) 3-Nitroaniline	14.30	138	2414	1.948	ng/ul#	96
50) Acenaphthene	14.45	153	20157	3.571	ng/ul	98
51) 2,4-Dinitrophenol	14.50	184	1316	1.742	ng/ul	99
53) 4-Nitrophenol	14.59	109	3155	3.182	ng/ul	91
54) Dibenzofuran	14.79	168	29737	3.642	ng/ul	100
55) 2,4-Dinitrotoluene	14.76	165	5152	2.705	ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	15.00	232	4829	2.916	ng/ul#	97
57) Diethylphthalate	15.21	149	21019	3.093	ng/ul	100
59) Fluorene	15.43	166	23422	3.540	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.43	204	12694	3.626	ng/ul	99
61) 4-Nitroaniline	15.46	138	2998	1.859	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.51	198	3747	3.021	ng/ul#	83
65) N-Nitrosodiphenylamine	15.65	169	19685	3.397	ng/ul	98
66) 4-Bromophenyl-phenylether	16.33	248	7728	3.418	ng/ul	98
67) Hexachlorobenzene	16.43	284	9338	3.526	ng/ul	99
68) Atrazine	16.60	200	5797	2.598	ng/ul	99
69) Pentachlorophenol	16.77	266	3340	2.164	ng/ul	94
70) Phenanthrene	17.17	178	40613	3.618	ng/ul	100
72) Anthracene	17.27	178	40997	3.627	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	10112	3.644	ng/uL	96
74) Pentachlorobenzene	14.70	250	10871	3.665	ng/uL	96
75) Carbazole	17.54	167	32616	3.230	ng/ul	99
76) Di-n-butylphthalate	18.10	149	27095	2.444	ng/ul	99
77) Fluoranthene	19.20	202	46071	3.334	ng/ul	99
80) Pyrene	19.56	202	52743	3.540	ng/ul	99
81) Butylbenzylphthalate	20.47	149	10734	2.097	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.26	252	10293	1.822	ng/ul	96
83) Benzo(a)anthracene	21.32	228	56439	3.399	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	15631	2.037	ng/ul	99
85) Chrysene	21.37	228	56856	3.607	ng/ul	99
87) Di-n-octyl phthalate	22.13	149	28819	1.916	ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	61438	3.302	ng/ul	99
89) Benzo(k)fluoranthene	22.96	252	61247	3.386	ng/ul	99
91) Benzo(a)pyrene	23.50	252	63387	3.491	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.90	276	76999	3.340	ng/ul	99
93) Dibenzo(a,h)anthracene	25.92	278	65977	3.440	ng/ul	97
94) Benzo(g,h,i)perylene	26.60	276	66352	3.434	ng/ul	97

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Operator : JU/SJ
Sample : MDL-W-05
Misc : 1PPM/4PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Quant Time: Feb 13 15:04:37 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
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

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Acq On : 13 Feb 2019 13:30
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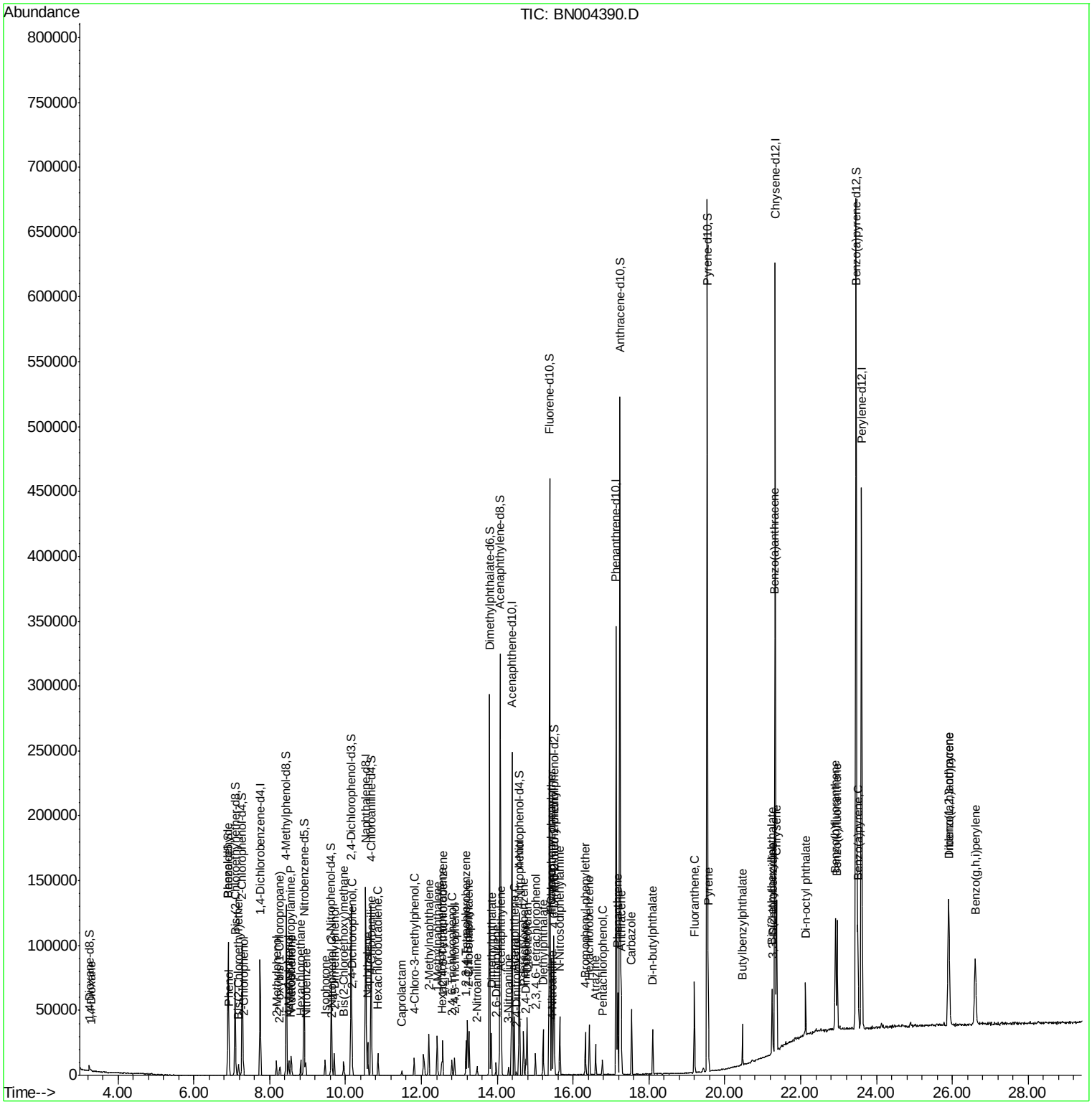
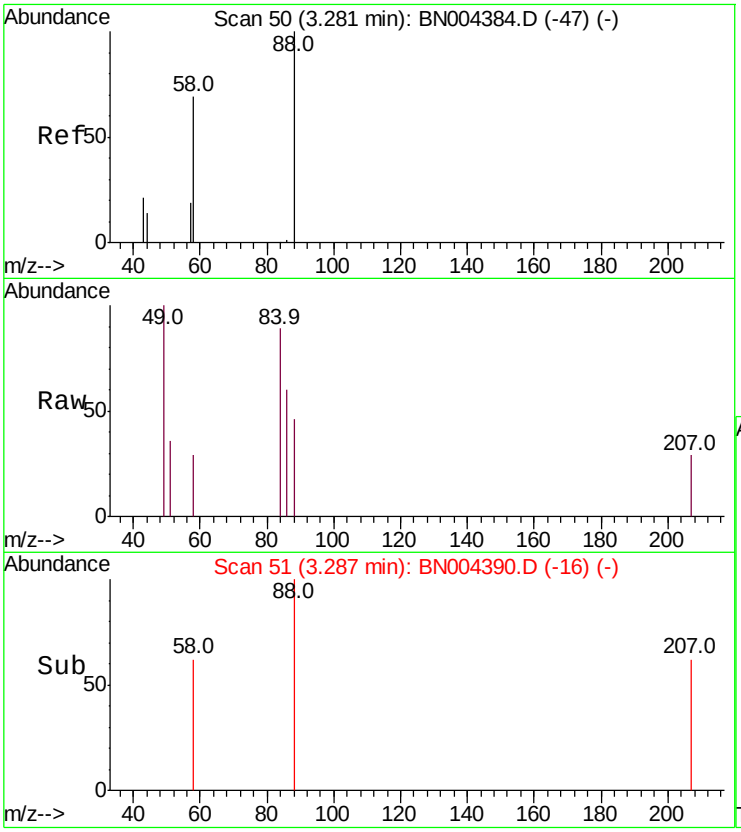
Quant Time: Feb 13 15:04:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 09 05:34:31 2019
Response via : Initial Calibration



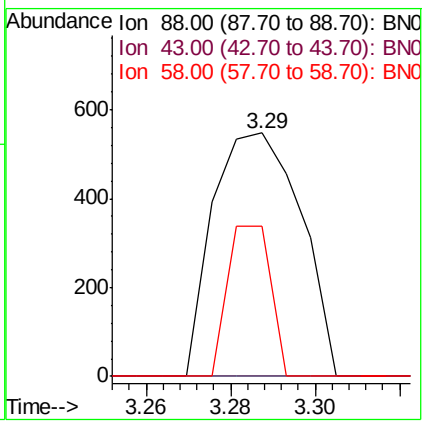


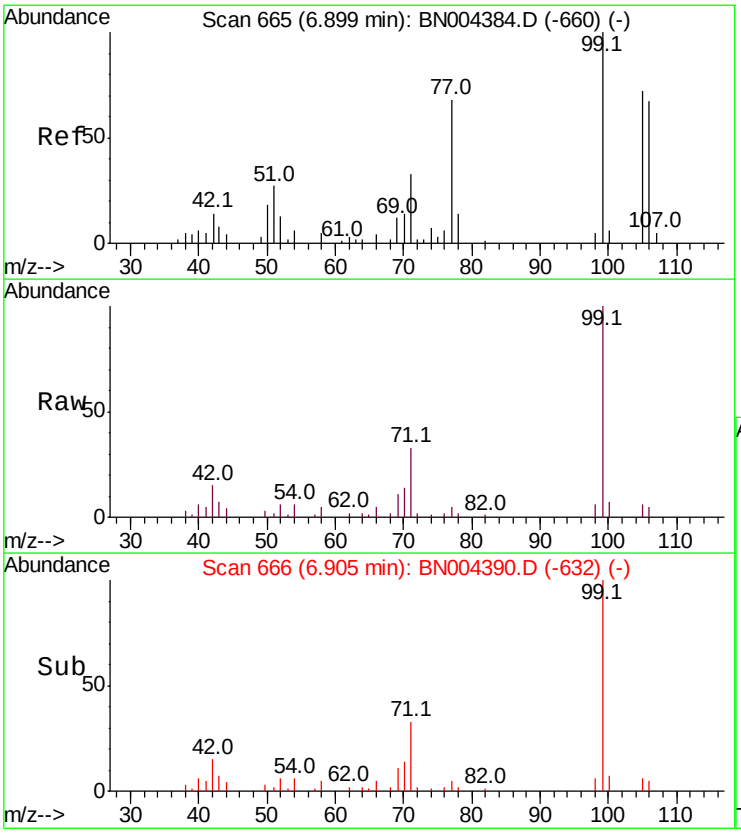
#2
1,4-Dioxane
Concen: 1.447 ng/uL
RT: 3.29 min Scan# 51
Delta R.T. 0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion: 88 Resp: 791

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.6	38.4#
58	61.7	54.6	82.0

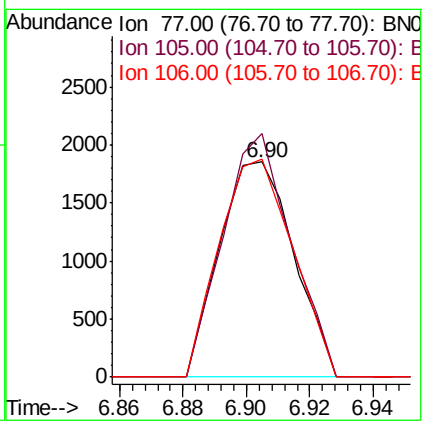


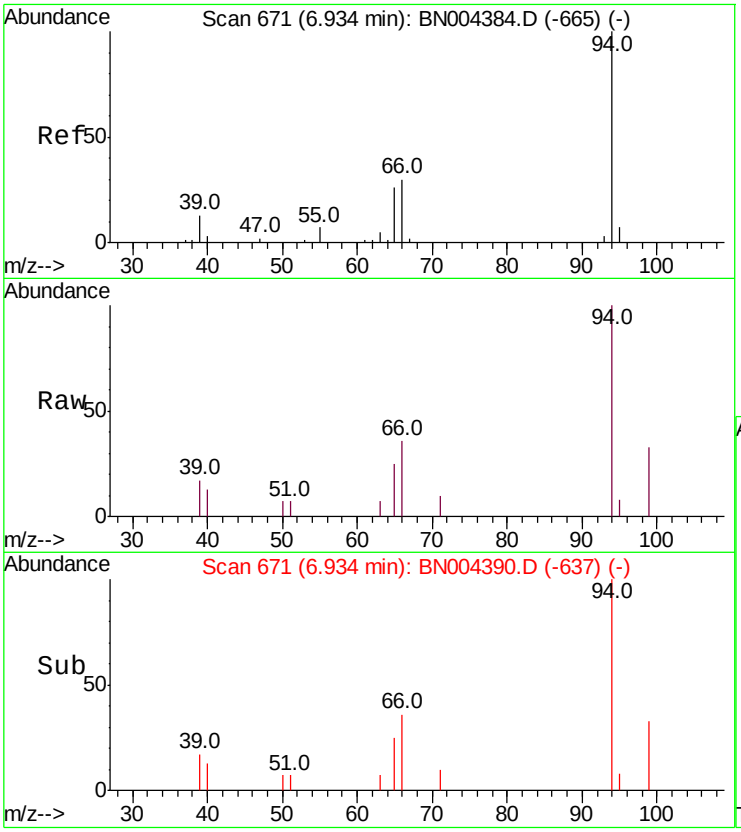


#4
Benzaldehyde
Concen: 2.205 ng/ul
RT: 6.90 min Scan# 666
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion: 77 Resp: 3012

Ion	Ratio	Lower	Upper
77	100		
105	113.2	85.4	128.0
106	101.5	84.8	127.2



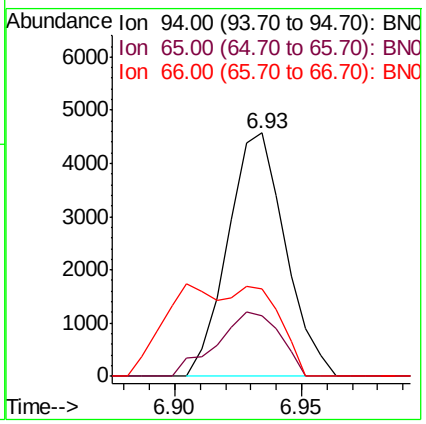


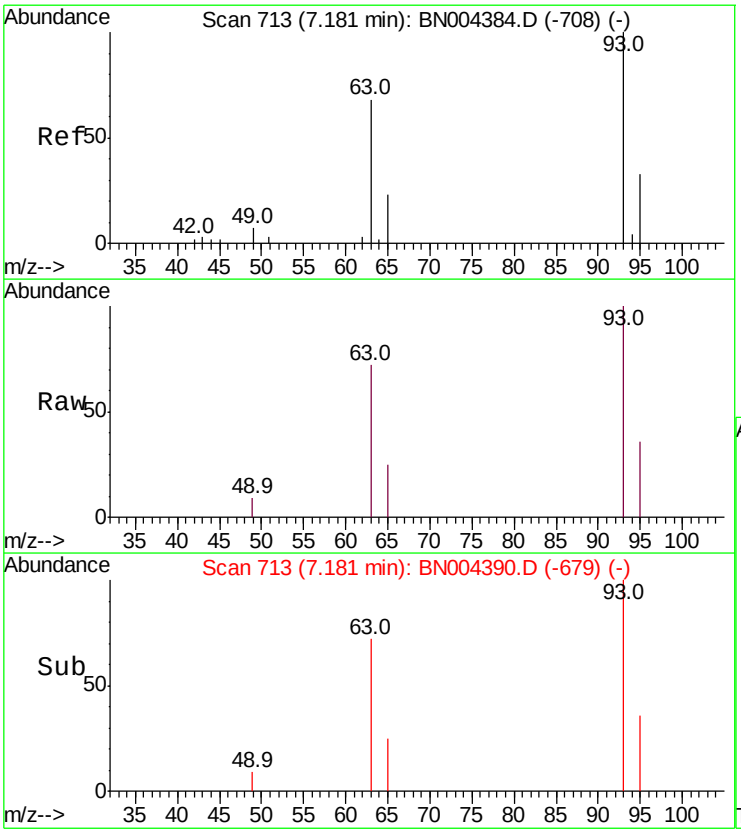
#6
Phenol
Concen: 3.036 ng/ul
RT: 6.93 min Scan# 671
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion: 94 Resp: 7214

Ion	Ratio	Lower	Upper
94	100		
65	25.1	20.2	30.4
66	36.2	28.2	42.2

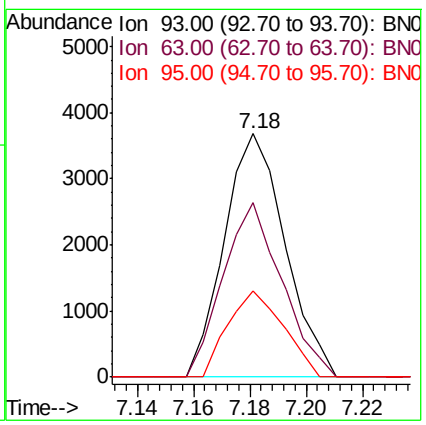


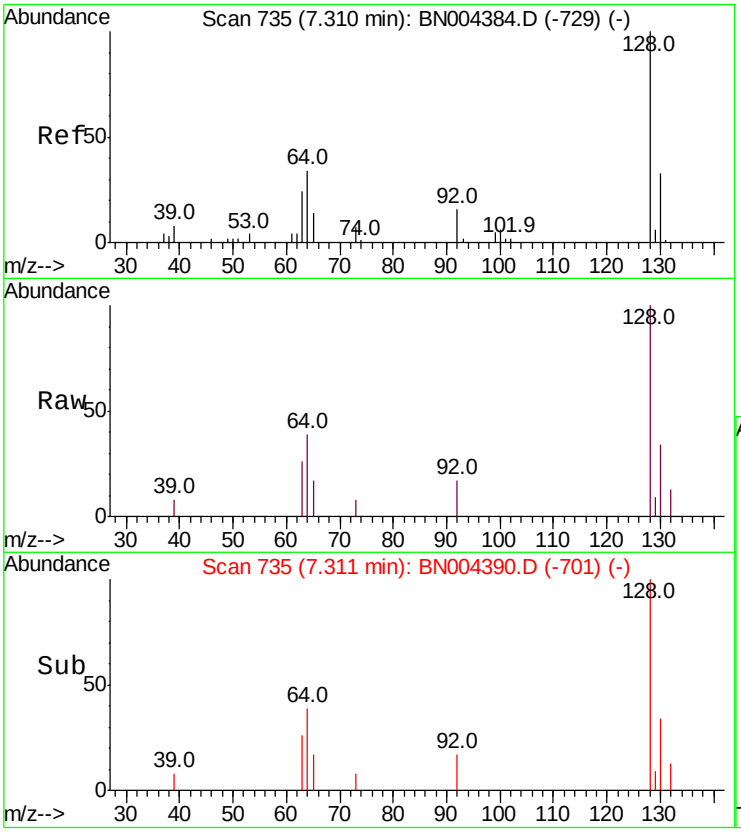


#8
Bis(2-Chloroethyl)ether
Concen: 3.239 ng/ul
RT: 7.18 min Scan# 713
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion: 93 Resp: 5505

Ion	Ratio	Lower	Upper
93	100		
63	71.6	52.8	79.2
95	35.6	25.9	38.9



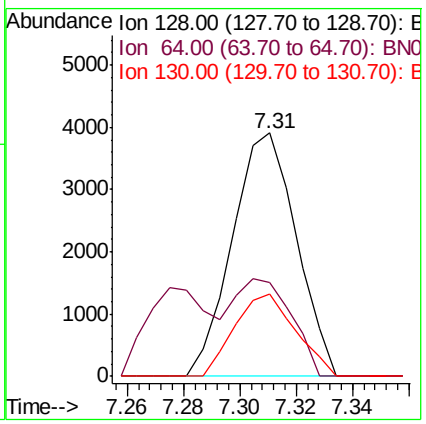


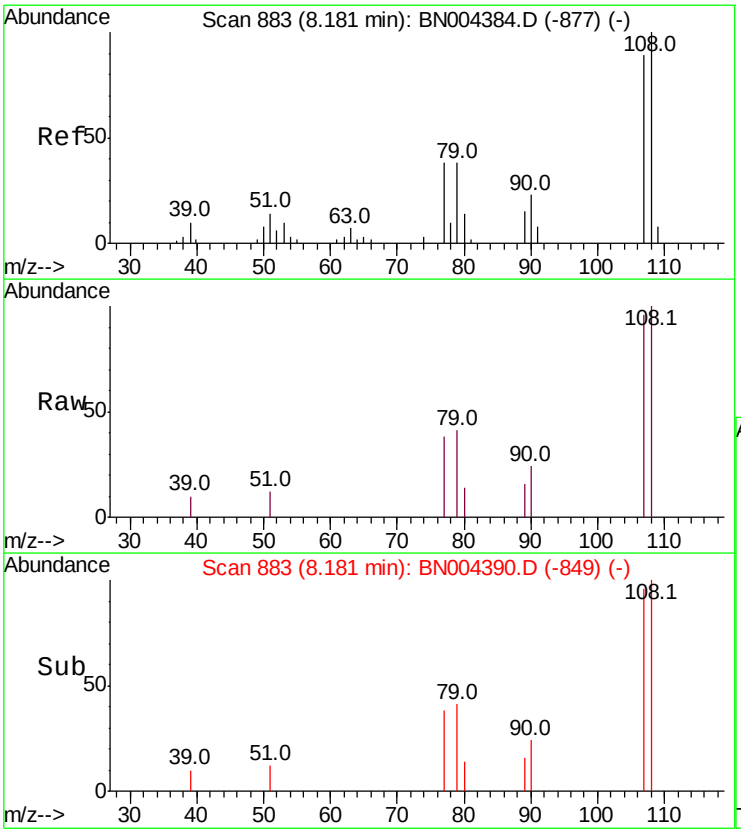
#10
2-Chlorophenol
Concen: 3.195 ng/ul
RT: 7.31 min Scan# 735
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:128 Resp: 6140

Ion	Ratio	Lower	Upper
128	100		
64	38.6	31.0	46.6
130	33.9	26.1	39.1

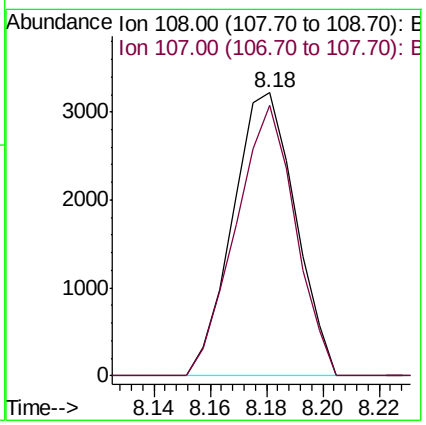


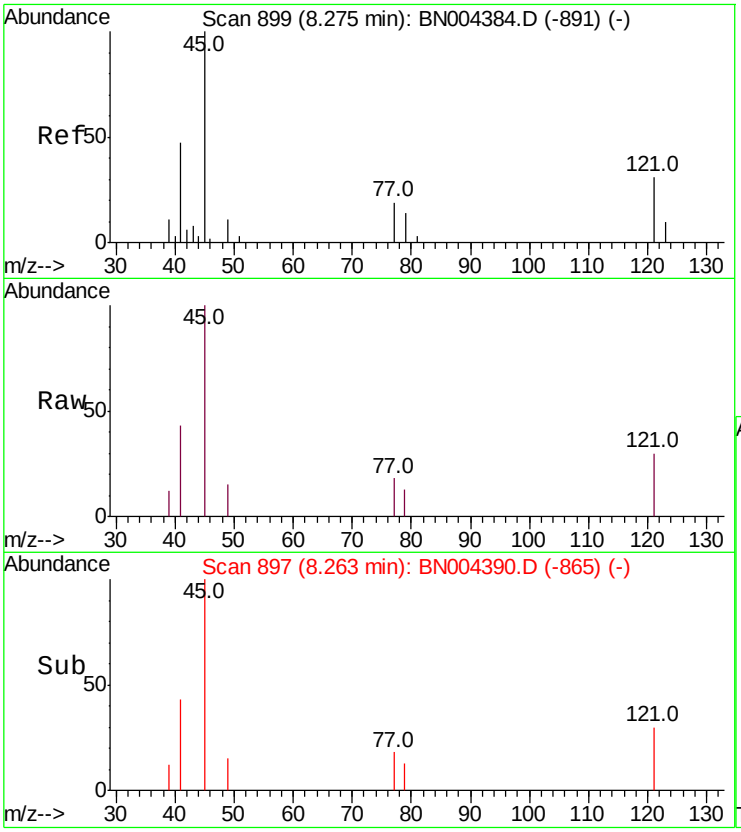


#11
2-Methylphenol
Concen: 2.616 ng/ul
RT: 8.18 min Scan# 883
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:108 Resp: 4972

Ion	Ratio	Lower	Upper
108	100		
107	95.7	72.7	109.1



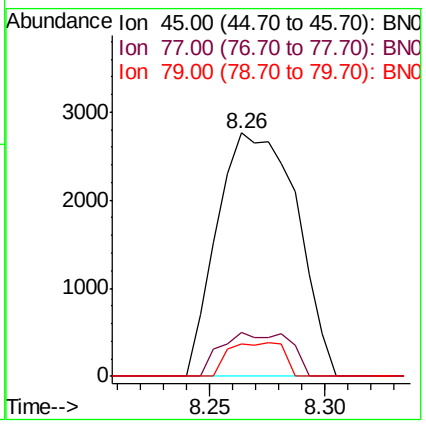


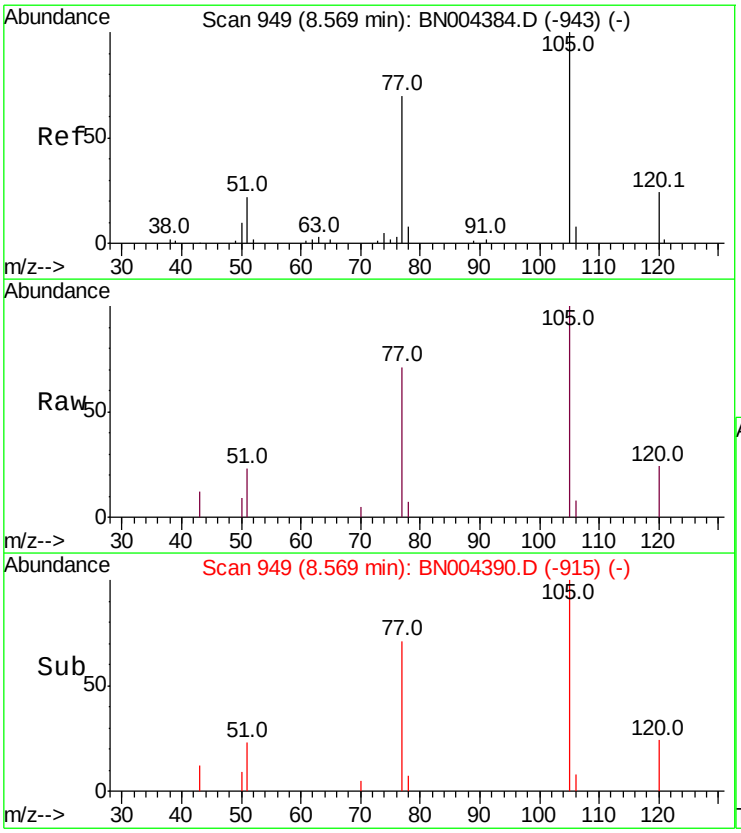
#12
2,2'-oxybis(1-Chloropropane)
Concen: 3.287 ng/ul
RT: 8.26 min Scan# 897
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion: 45 Resp: 6623

Ion	Ratio	Lower	Upper
45	100		
77	18.2	14.1	21.1
79	13.1	10.8	16.2

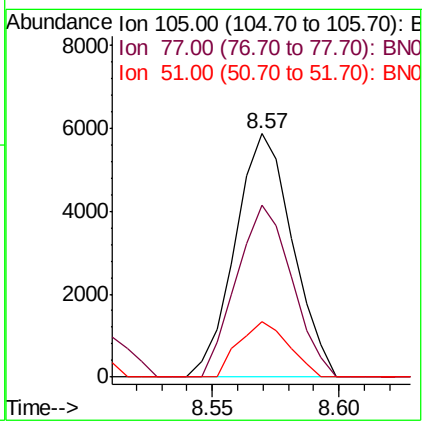


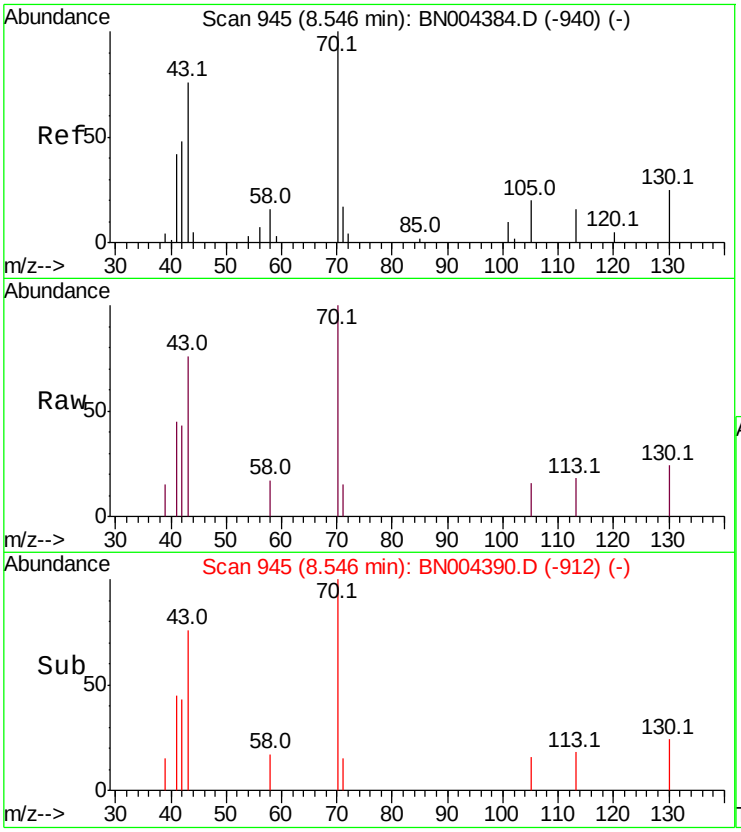


#14
Acetophenone
Concen: 3.030 ng/ul
RT: 8.57 min Scan# 949
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:105 Resp: 9237

Ion	Ratio	Lower	Upper
105	100		
77	70.8	56.1	84.1
51	22.7	17.2	25.8



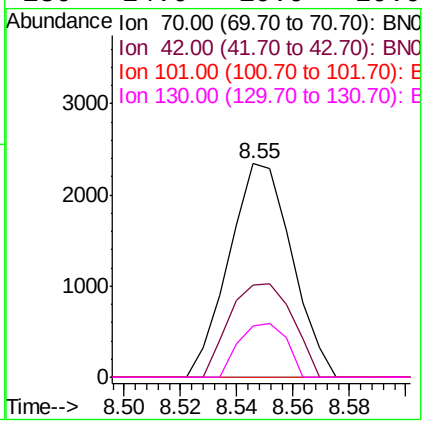


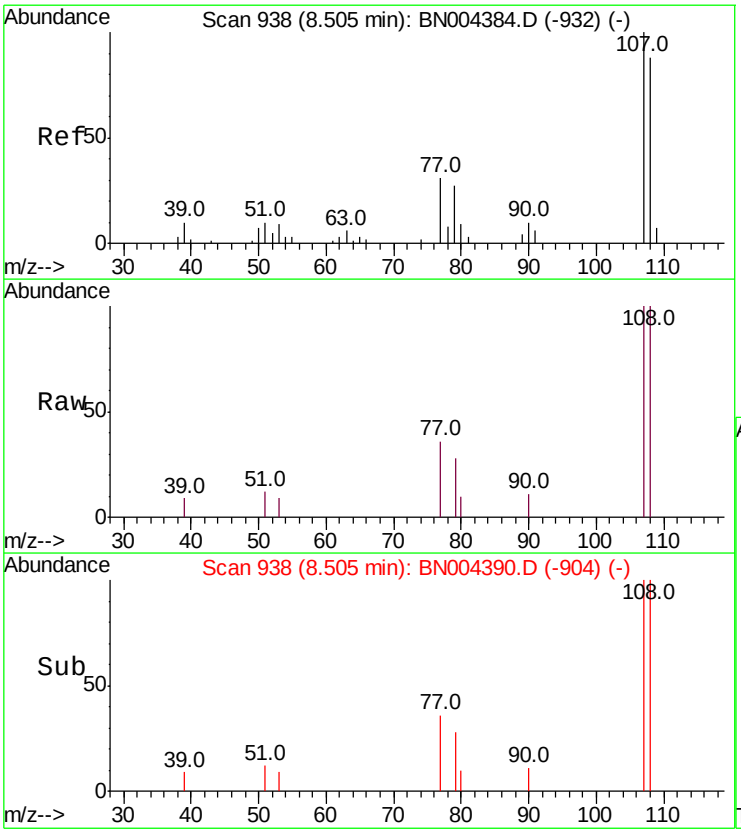
#15
N-Nitroso-di-n-propylamine
Concen: 2.773 ng/ul
RT: 8.55 min Scan# 945
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion: 70 Resp: 3626

Ion	Ratio	Lower	Upper
70	100		
42	43.4	38.6	58.0
101	0.0	8.4	12.6#
130	24.0	19.9	29.9

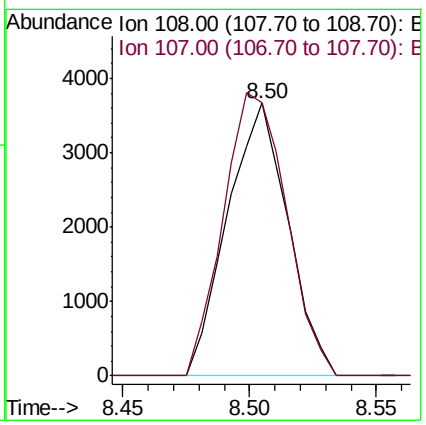


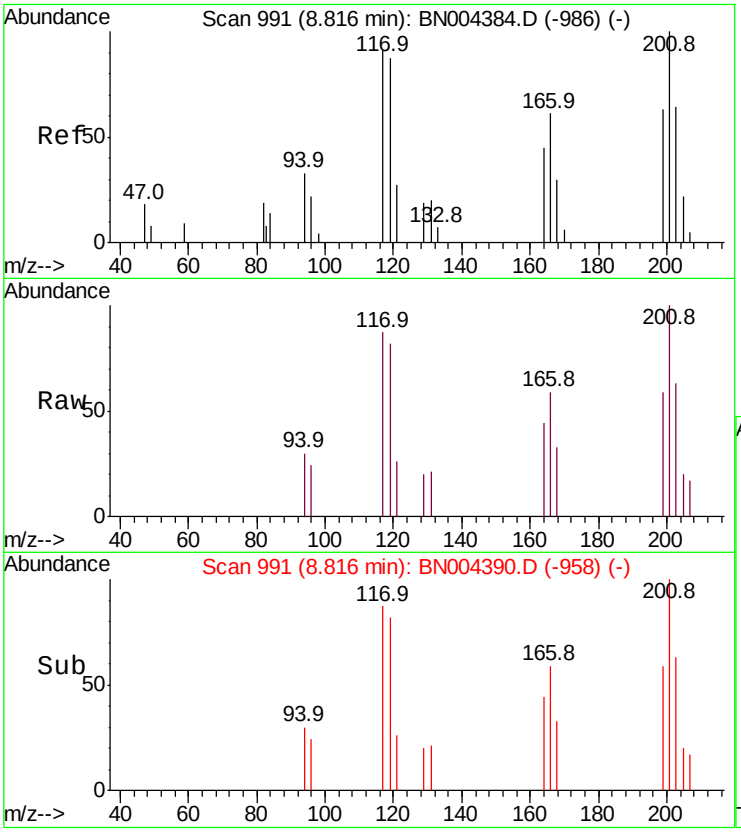


#16
4-Methylphenol
Concen: 2.897 ng/ul
RT: 8.50 min Scan# 938
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:108 Resp: 6094

Ion	Ratio	Lower	Upper
108	100		
107	100.2	87.8	131.6



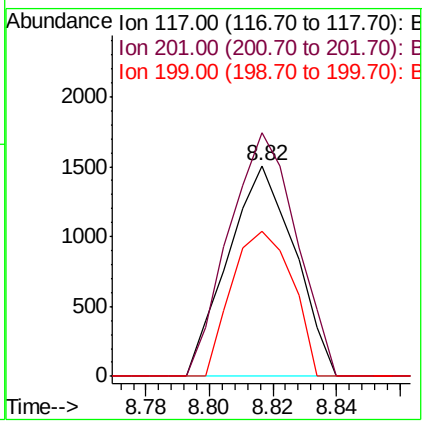


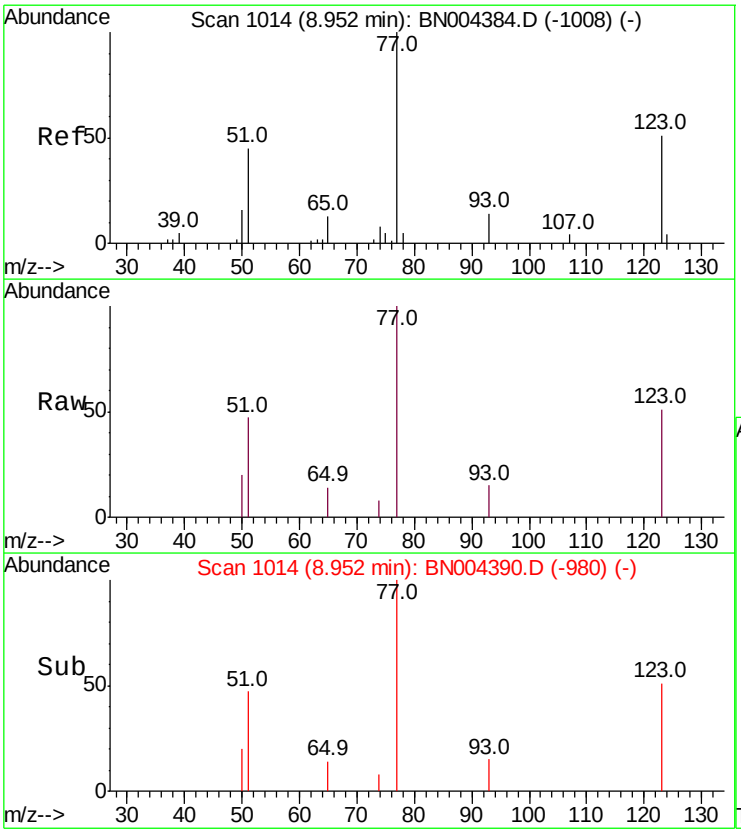
#17
Hexachloroethane
Concen: 3.273 ng/ul
RT: 8.82 min Scan# 991
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:117 Resp: 2202

Ion	Ratio	Lower	Upper
117	100		
201	115.5	85.0	127.6
199	68.6	53.8	80.8

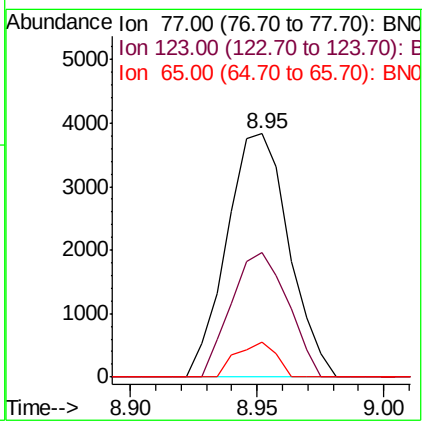


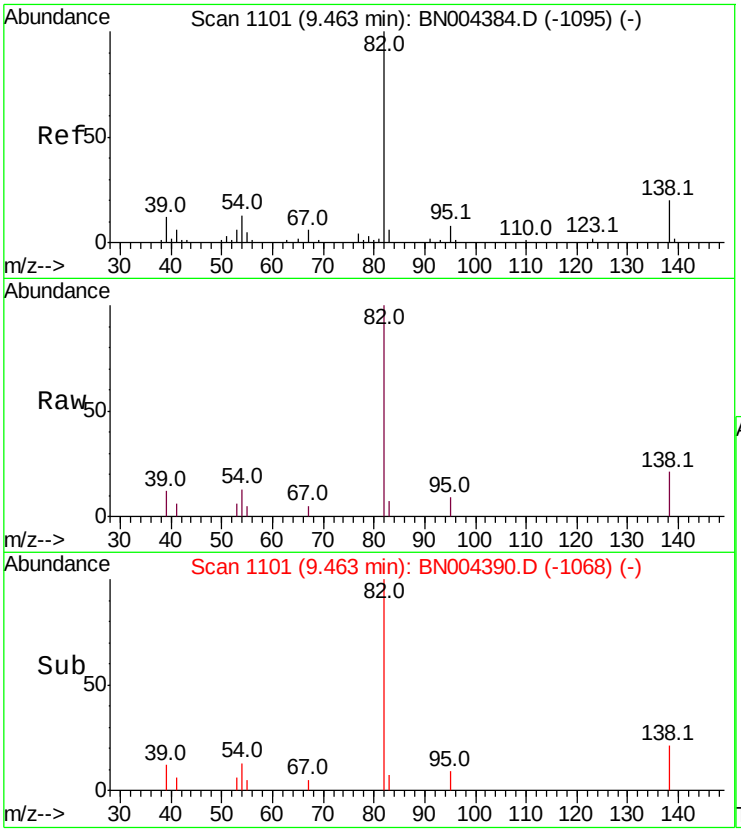


#20
Nitrobenzene
Concen: 3.574 ng/ul
RT: 8.95 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion: 77 Resp: 6529

Ion	Ratio	Lower	Upper
77	100		
123	51.3	41.6	62.4
65	14.2	10.2	15.4



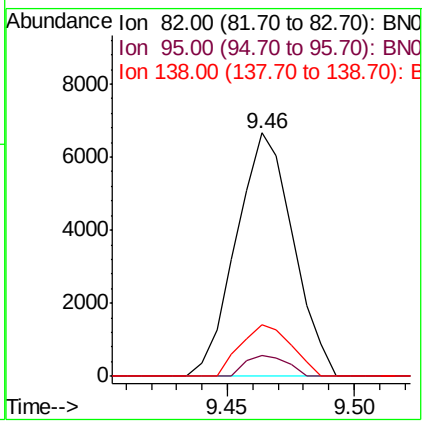


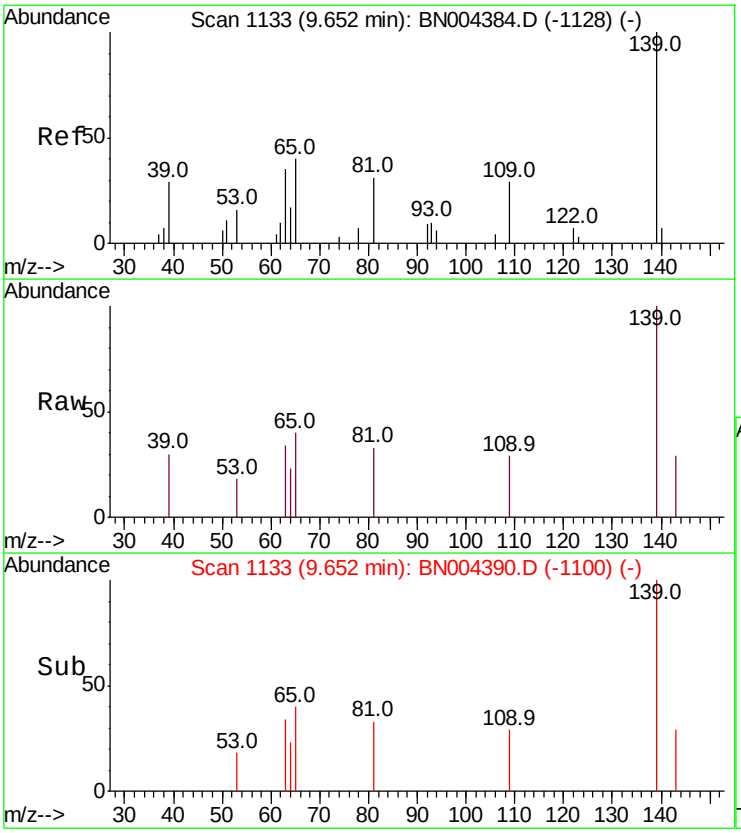
#21
Isophorone
Concen: 2.773 ng/ul
RT: 9.46 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion: 82 Resp: 10375

Ion	Ratio	Lower	Upper
82	100		
95	8.5	6.2	9.4
138	21.3	16.5	24.7

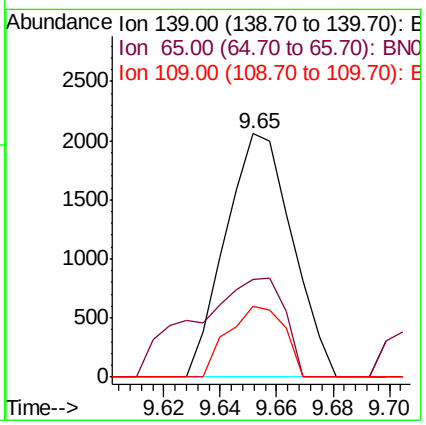


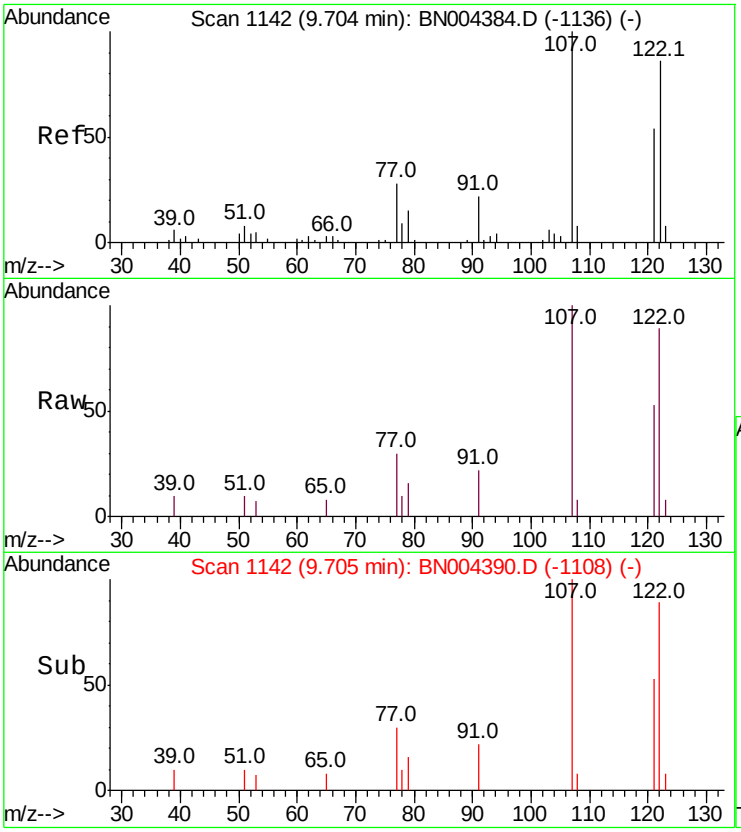


#23
2-Nitrophenol
Concen: 3.449 ng/ul
RT: 9.65 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:139 Resp: 3372

Ion	Ratio	Lower	Upper
139	100		
65	39.9	32.7	49.1
109	29.3	22.8	34.2



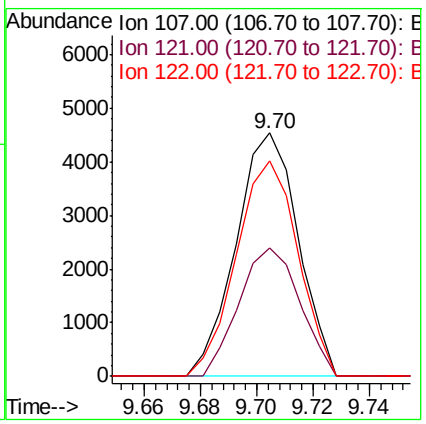


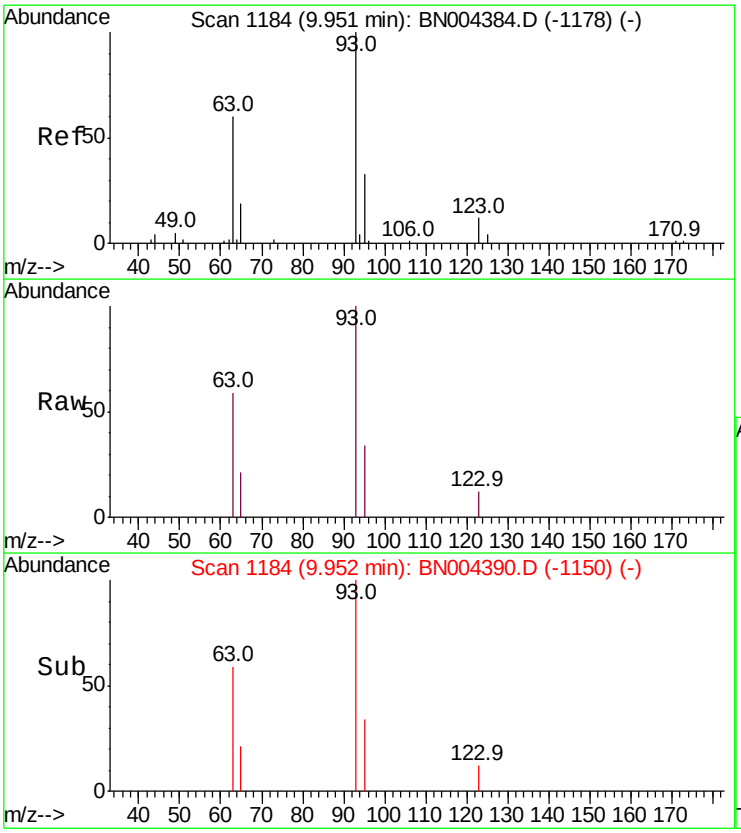
#24
2,4-Dimethylphenol
Concen: 3.145 ng/ul
RT: 9.70 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:107 Resp: 6934

Ion	Ratio	Lower	Upper
107	100		
121	52.6	41.5	62.3
122	88.6	69.0	103.4

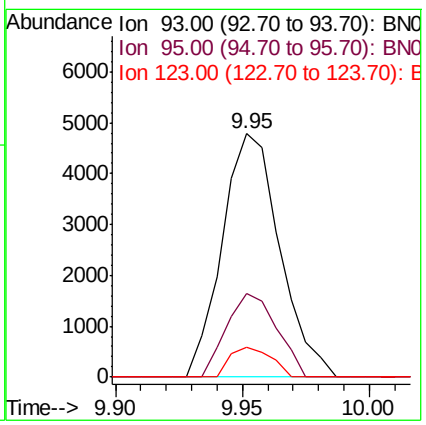


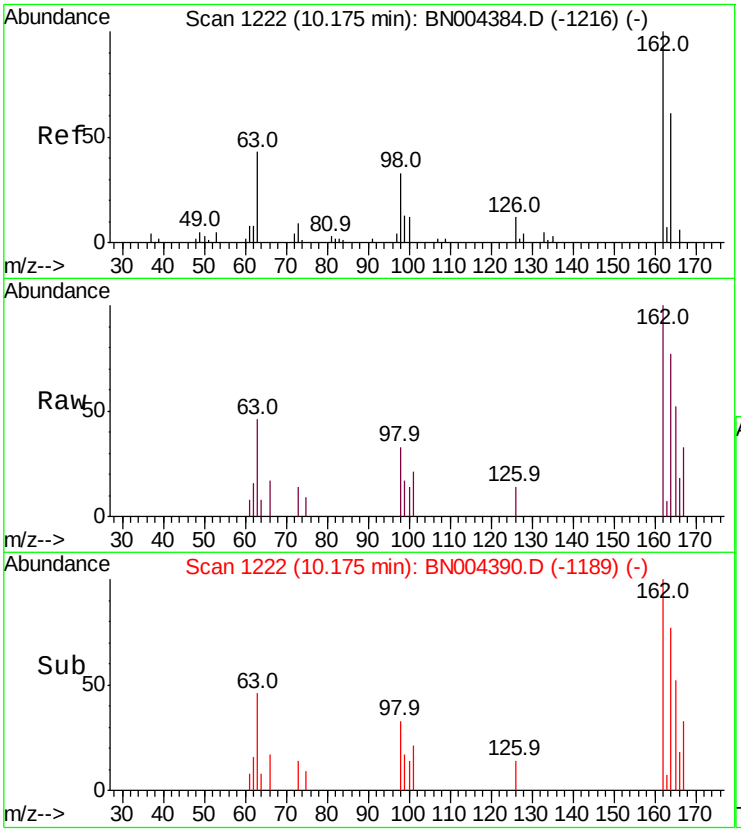


#25
Bis(2-Chloroethoxy)methane
Concen: 3.115 ng/ul
RT: 9.95 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion: 93 Resp: 7563

Ion	Ratio	Lower	Upper
93	100		
95	34.2	26.2	39.4
123	12.3	10.0	15.0



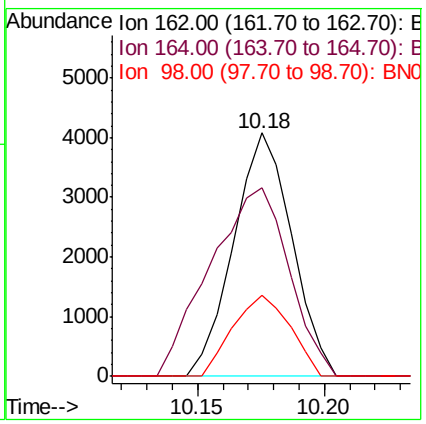


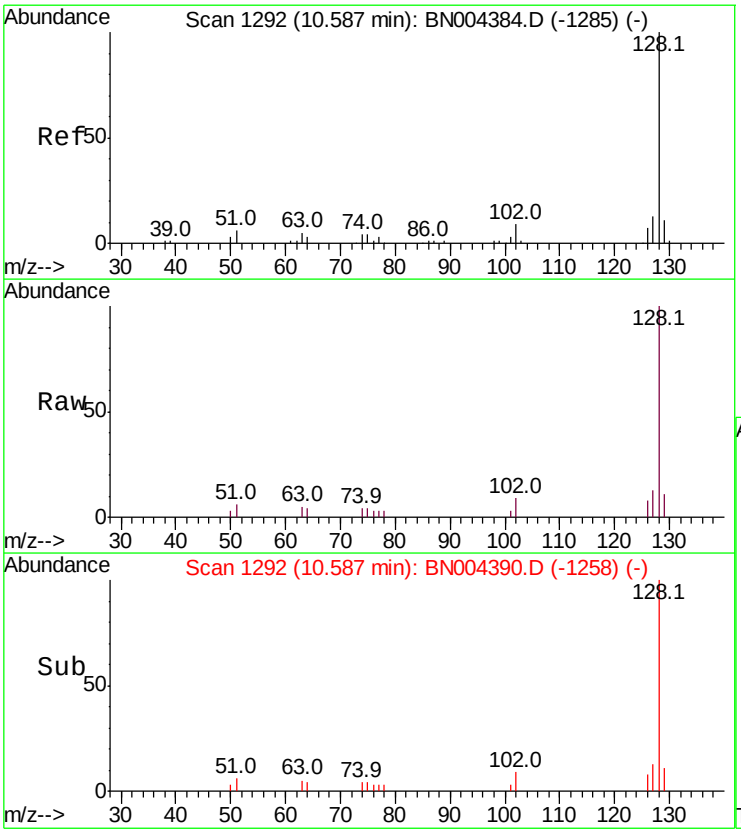
#27
2,4-Dichlorophenol
Concen: 3.346 ng/ul
RT: 10.18 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:162 Resp: 6527

Ion	Ratio	Lower	Upper
162	100		
164	77.2	53.0	79.4
98	33.3	27.0	40.4

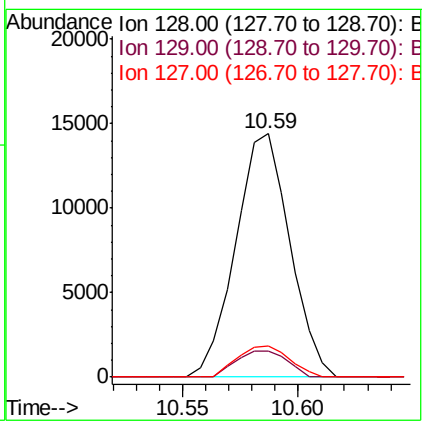


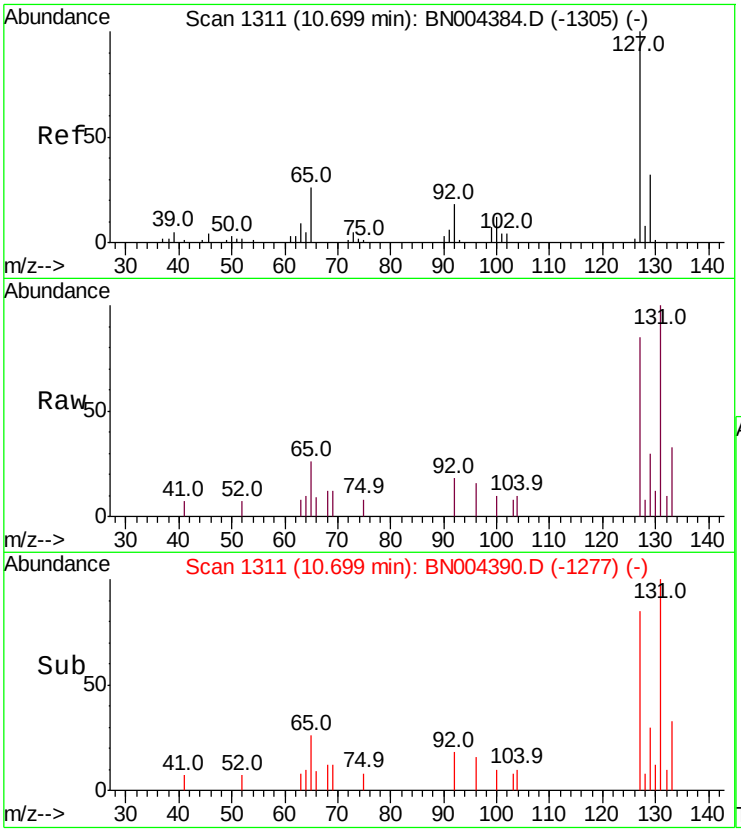


#28
Naphthalene
Concen: 3.622 ng/ul
RT: 10.59 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:128 Resp: 23549

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	12.6	10.2	15.4



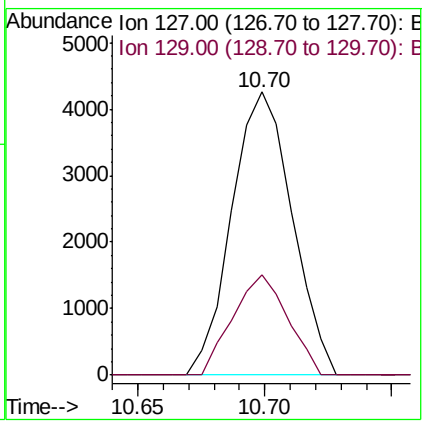


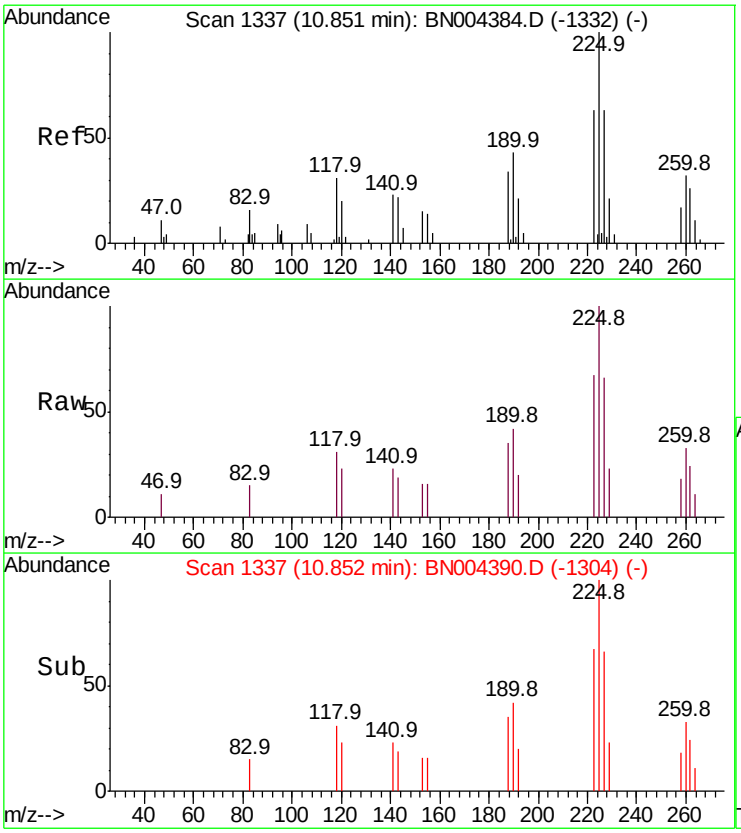
#30
4-Chloroaniline
Concen: 3.224 ng/ul
RT: 10.70 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:127 Resp: 7051

Ion	Ratio	Lower	Upper
127	100		
129	35.4	26.1	39.1

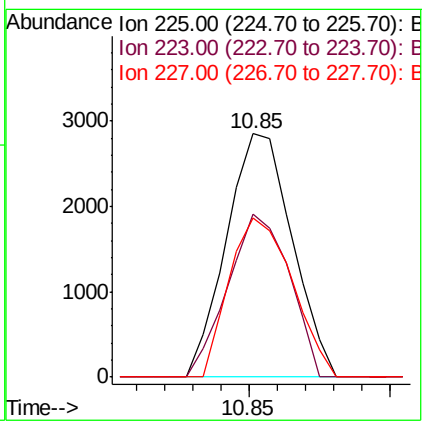


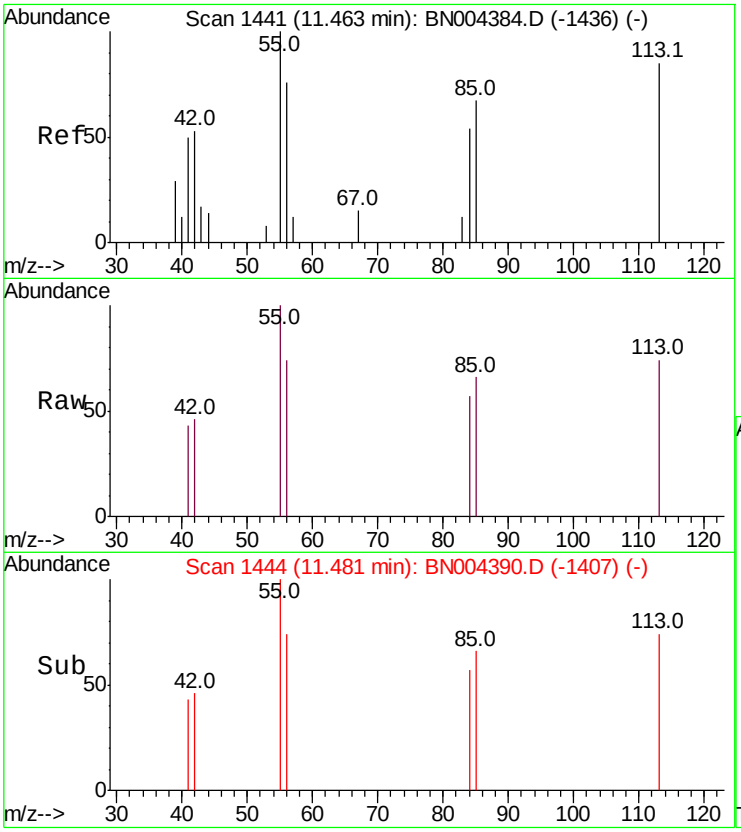


#31
Hexachlorobutadiene
Concen: 3.653 ng/ul
RT: 10.85 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:225 Resp: 4607

Ion	Ratio	Lower	Upper
225	100		
223	67.0	49.8	74.6
227	65.5	50.2	75.2



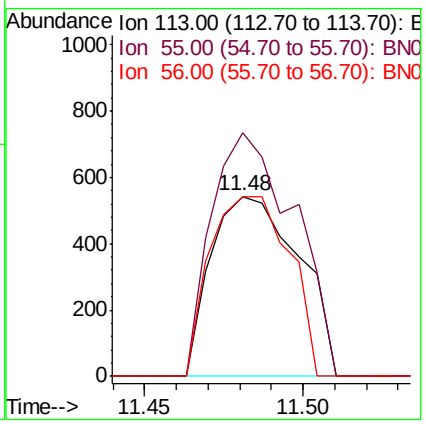


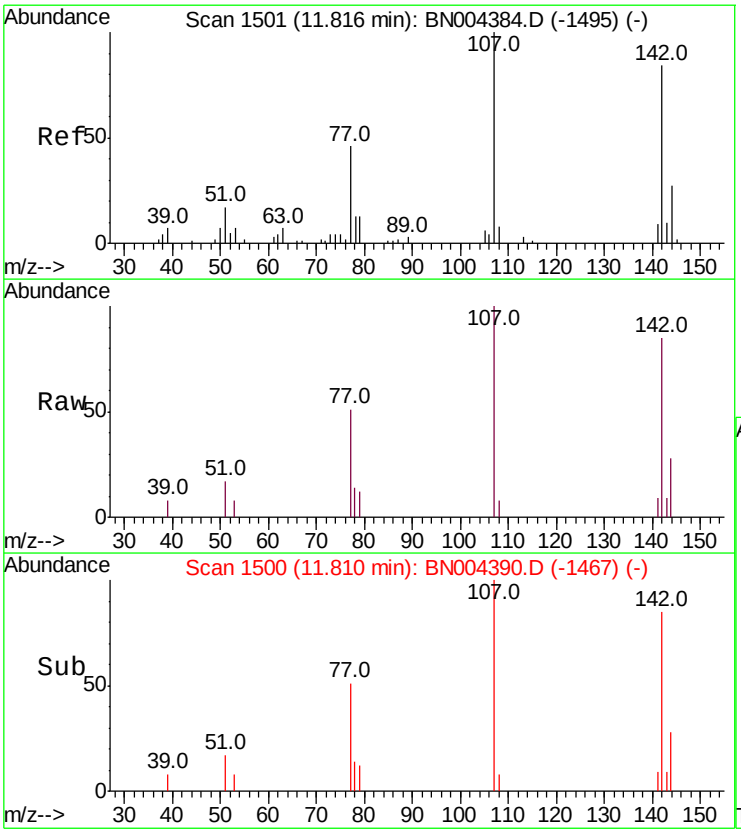
#32
Caprolactam
Concen: 1.586 ng/ul
RT: 11.48 min Scan# 1444
Delta R.T. 0.02 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:113 Resp: 1045

Ion	Ratio	Lower	Upper
113	100		
55	135.2	100.7	151.1
56	100.0	76.1	114.1

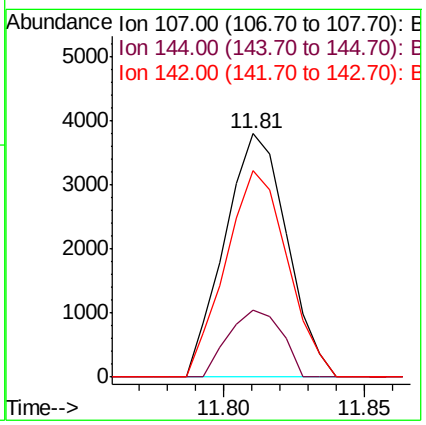


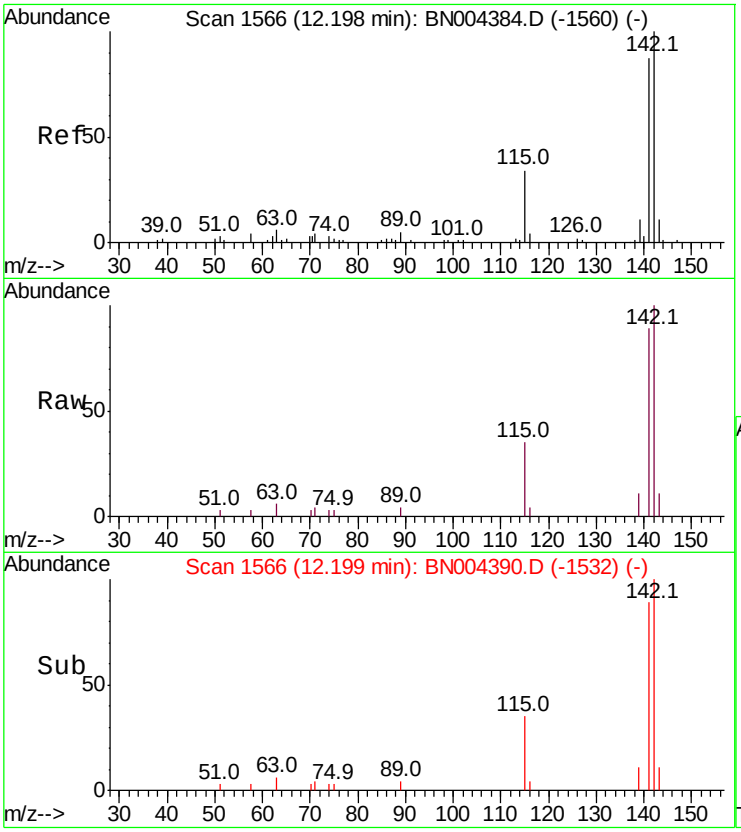


#33
4-Chloro-3-methylphenol
Concen: 2.771 ng/ul
RT: 11.81 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:107 Resp: 5830

Ion	Ratio	Lower	Upper
107	100		
144	27.5	22.2	33.4
142	84.6	67.4	101.0



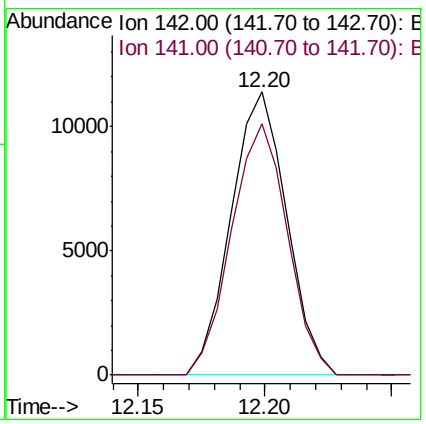


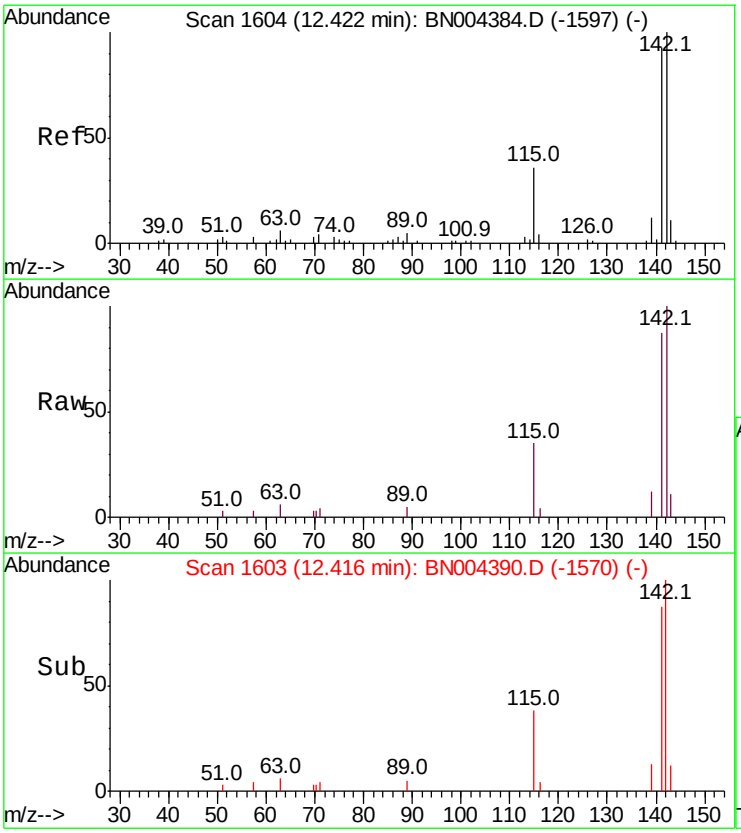
#34
2-Methylnaphthalene
Concen: 3.504 ng/ul
RT: 12.20 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:142 Resp: 17475

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6

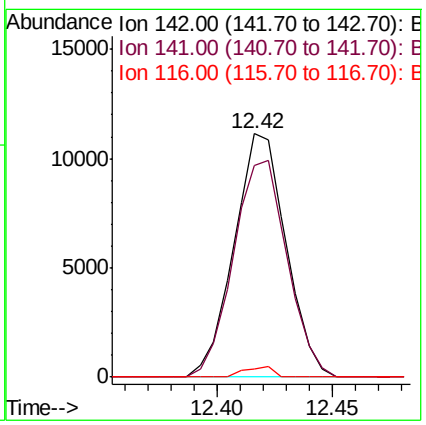


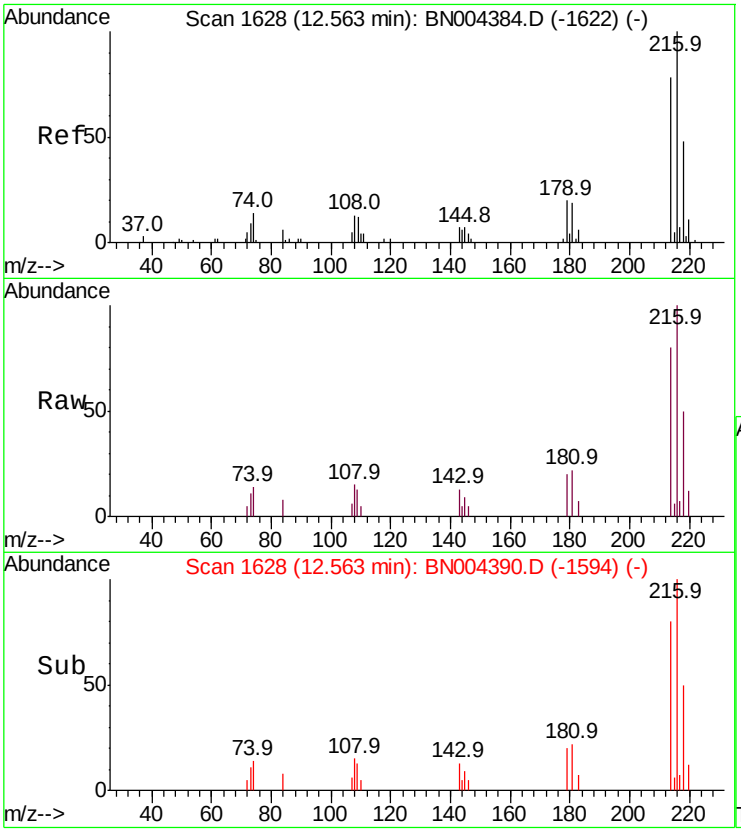


#35
1-Methylnaphthalene
Concen: 3.553 ng/ul
RT: 12.42 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:142 Resp: 17475

Ion	Ratio	Lower	Upper
142	100		
141	87.1	74.9	112.3
116	3.5	3.1	4.7



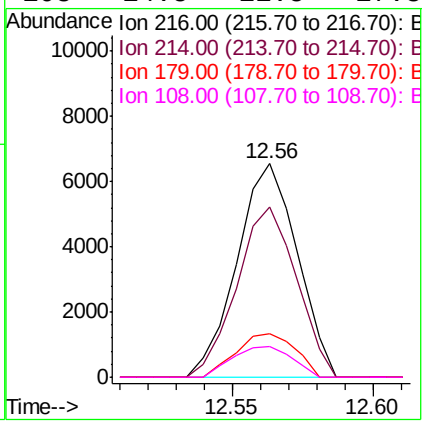


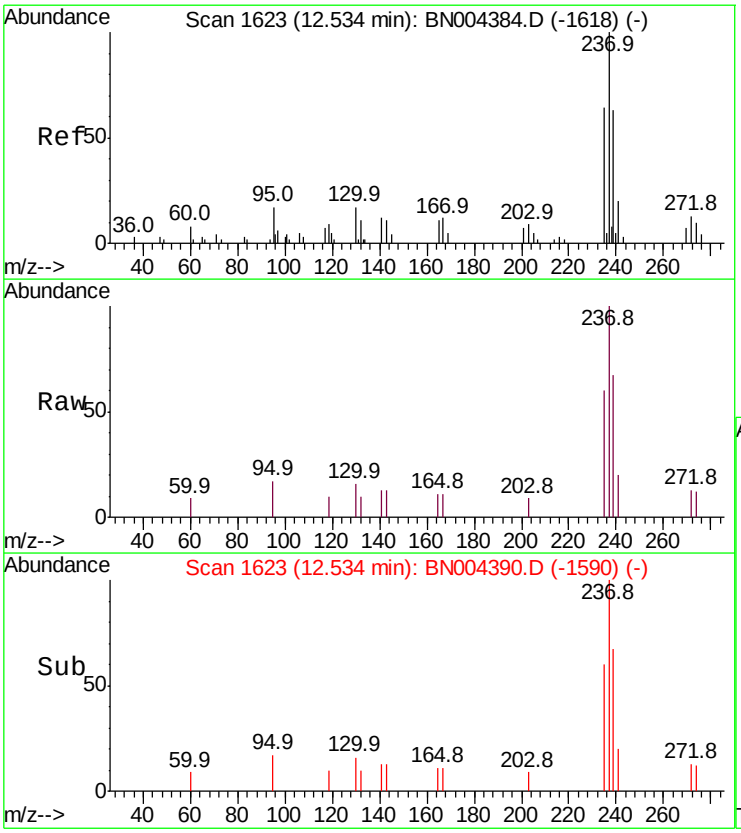
#37
1,2,4,5-Tetrachlorobenzene
Concen: 3.547 ng/ul
RT: 12.56 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:216 Resp: 9700

Ion	Ratio	Lower	Upper
216	100		
214	79.6	60.9	91.3
179	20.2	16.2	24.4
108	14.5	11.5	17.3

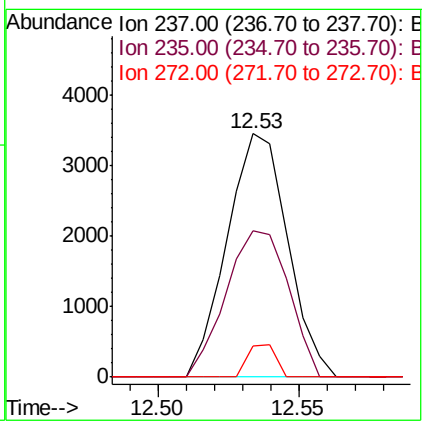


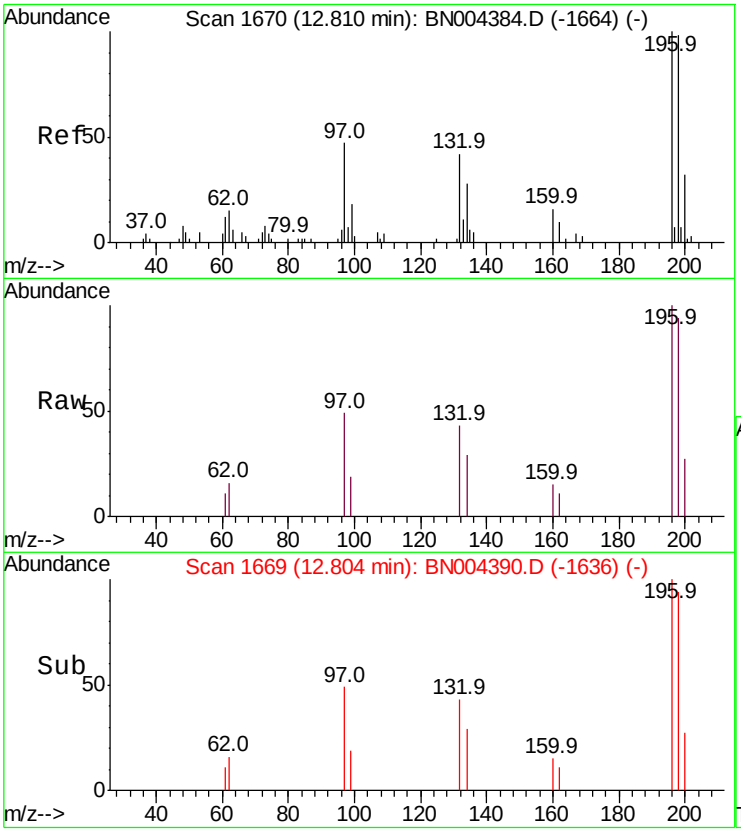


#38
Hexachlorocyclopentadiene
Concen: 3.032 ng/ul
RT: 12.53 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:237 Resp: 5155

Ion	Ratio	Lower	Upper
237	100		
235	59.9	50.8	76.2
272	12.5	10.4	15.6



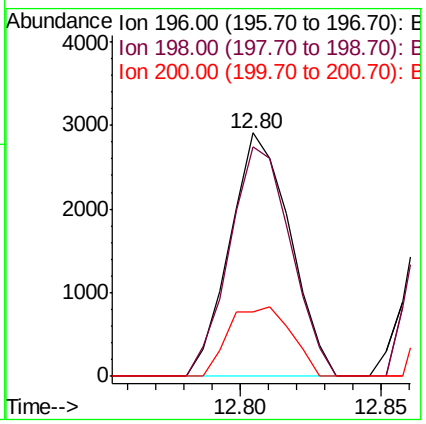


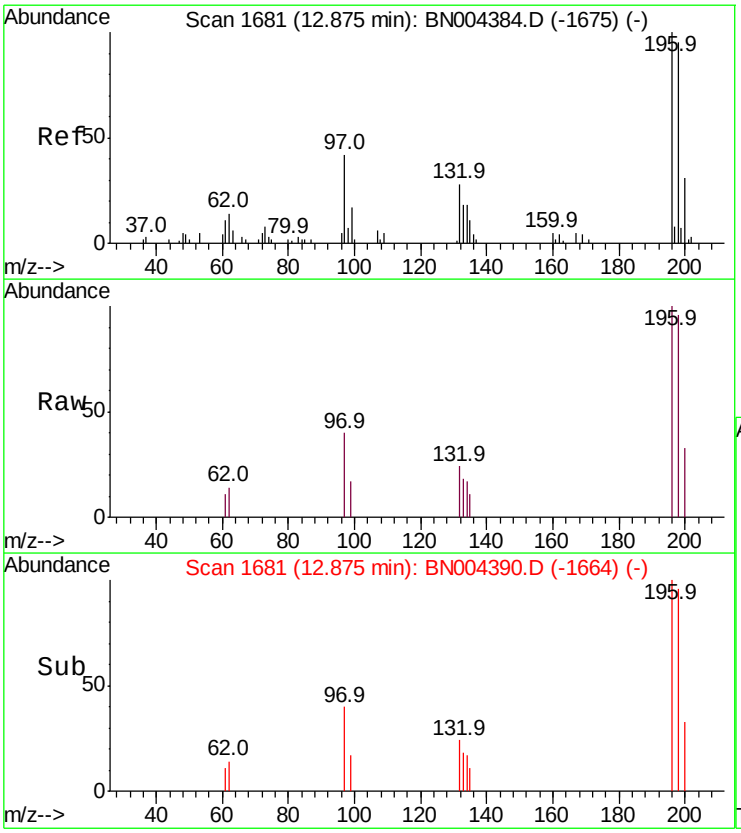
#39
2,4,6-Trichlorophenol
Concen: 2.670 ng/ul
RT: 12.80 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:196 Resp: 4313

Ion	Ratio	Lower	Upper
196	100		
198	94.4	76.6	115.0
200	26.6	24.5	36.7

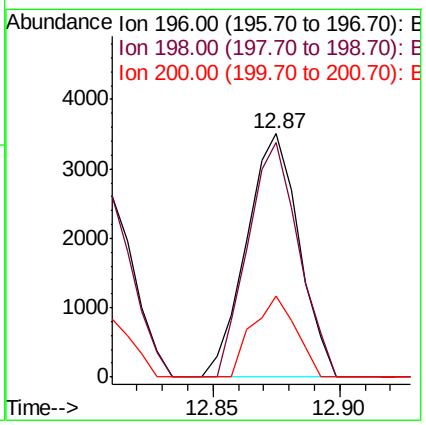


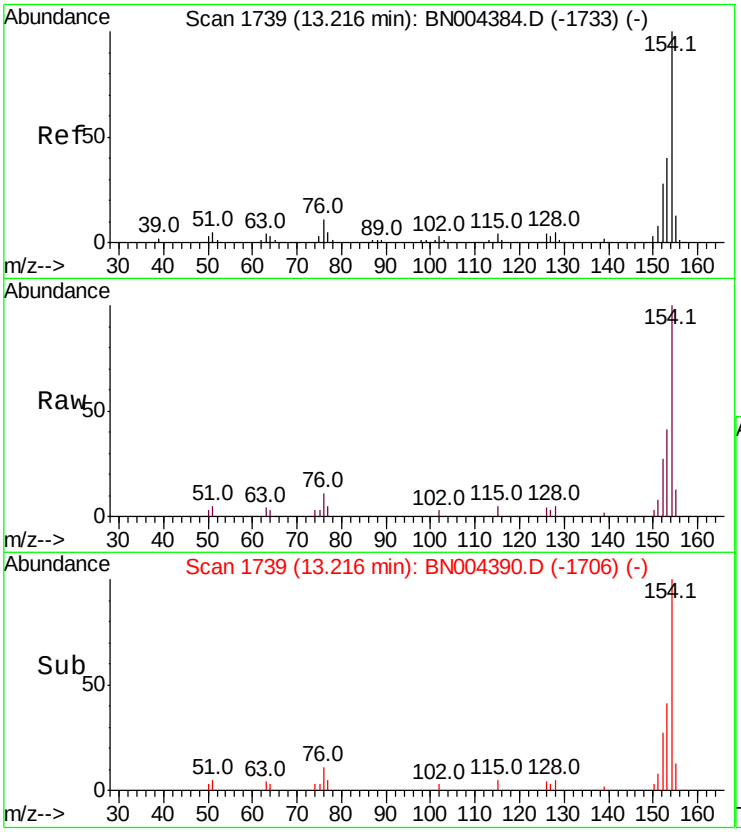


#40
2,4,5-Trichlorophenol
Concen: 2.801 ng/ul
RT: 12.87 min Scan# 1681
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:196 Resp: 5084

Ion	Ratio	Lower	Upper
196	100		
198	96.2	79.9	119.9
200	33.4	25.9	38.9



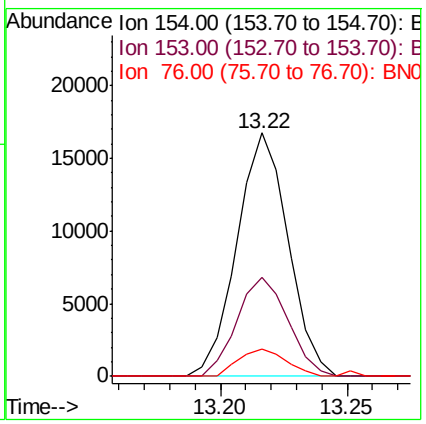


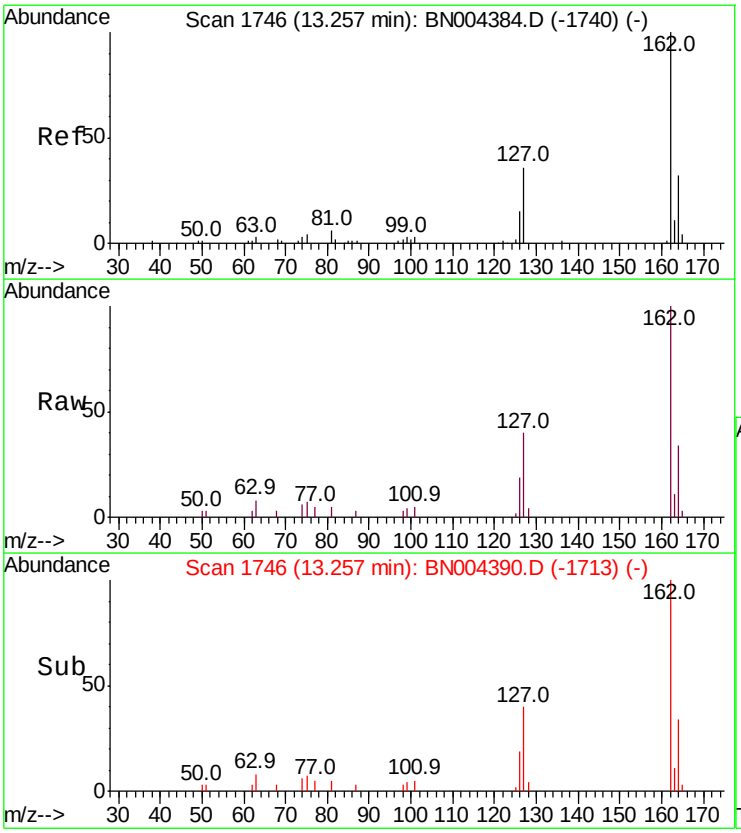
#41
1,1'-Biphenyl
Concen: 3.553 ng/ul
RT: 13.22 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:154 Resp: 23578

Ion	Ratio	Lower	Upper
154	100		
153	40.9	32.6	48.8
76	11.4	9.2	13.8

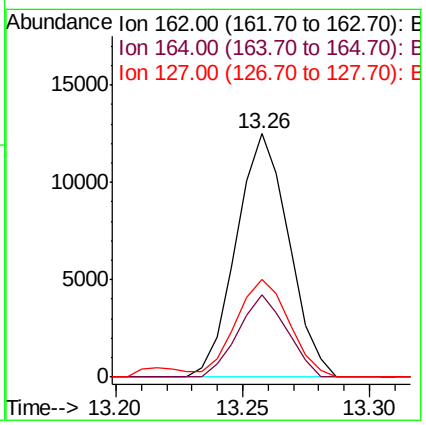


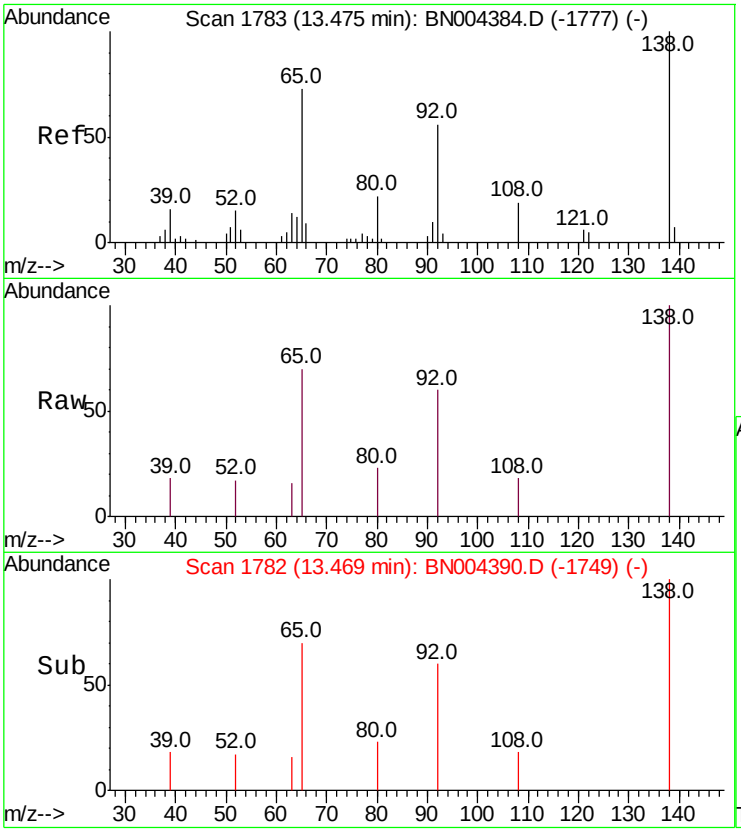


#42
2-Chloronaphthalene
Concen: 3.508 ng/ul
RT: 13.26 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:162 Resp: 18109

Ion	Ratio	Lower	Upper
162	100		
164	33.9	26.4	39.6
127	40.0	31.8	47.6



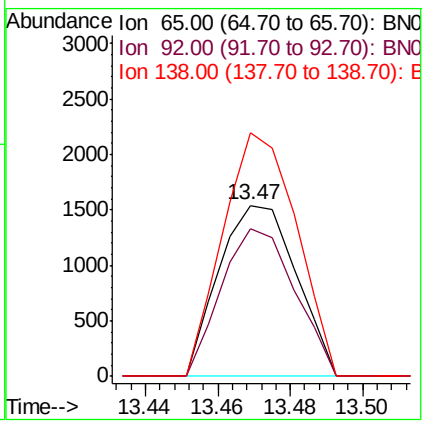


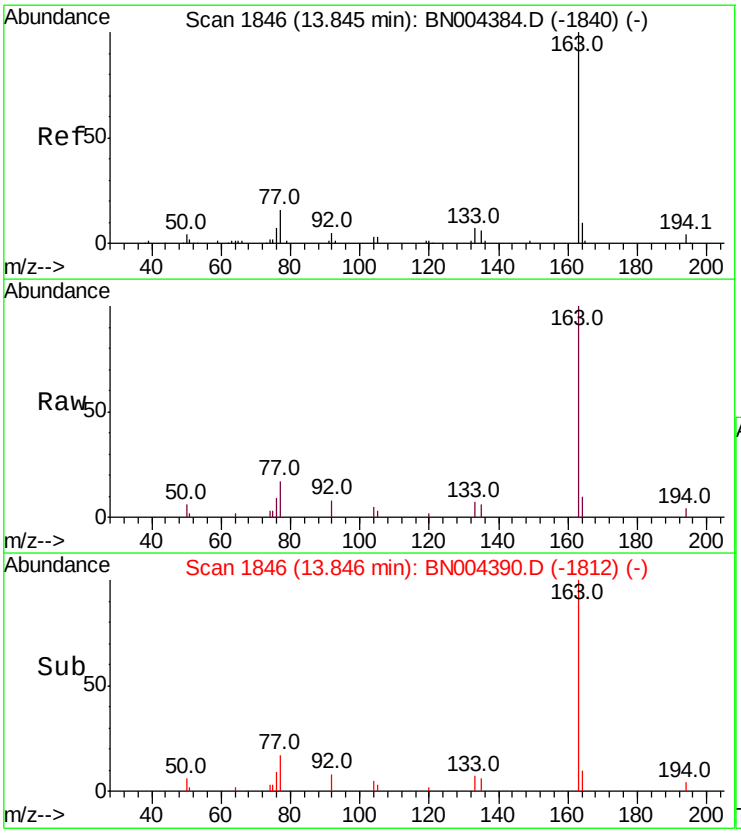
#43
2-Nitroaniline
Concen: 2.161 ng/ul
RT: 13.47 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion: 65 Resp: 2277

Ion	Ratio	Lower	Upper
65	100		
92	86.1	62.1	93.1
138	142.6	105.0	157.6

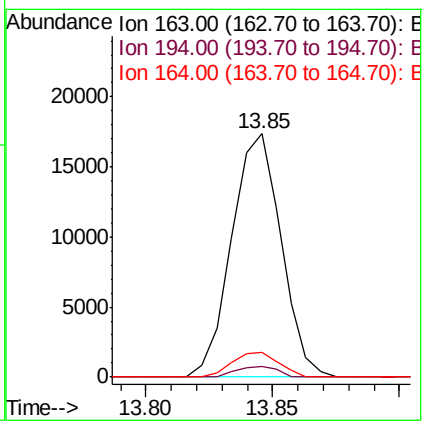


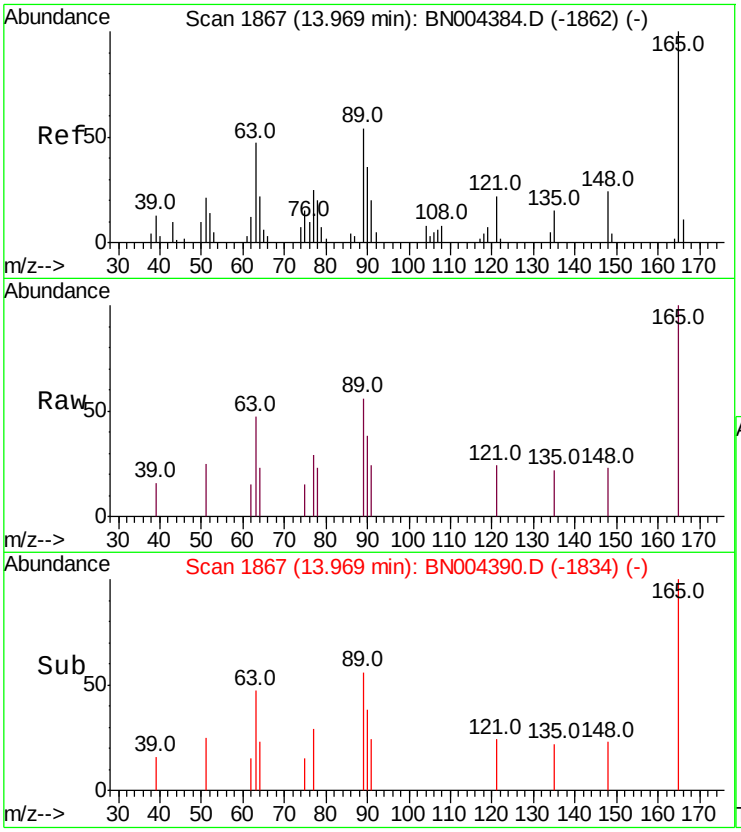


#45
Dimethylphthalate
Concen: 3.424 ng/ul
RT: 13.85 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:163 Resp: 23578

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.9	7.9	11.9



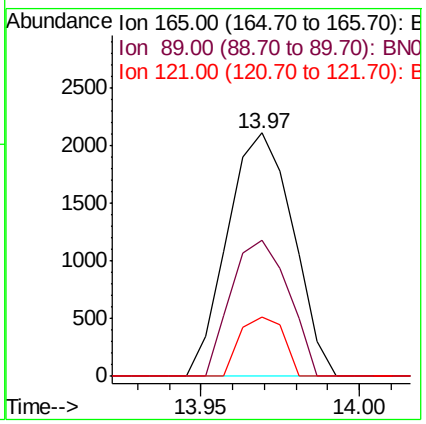


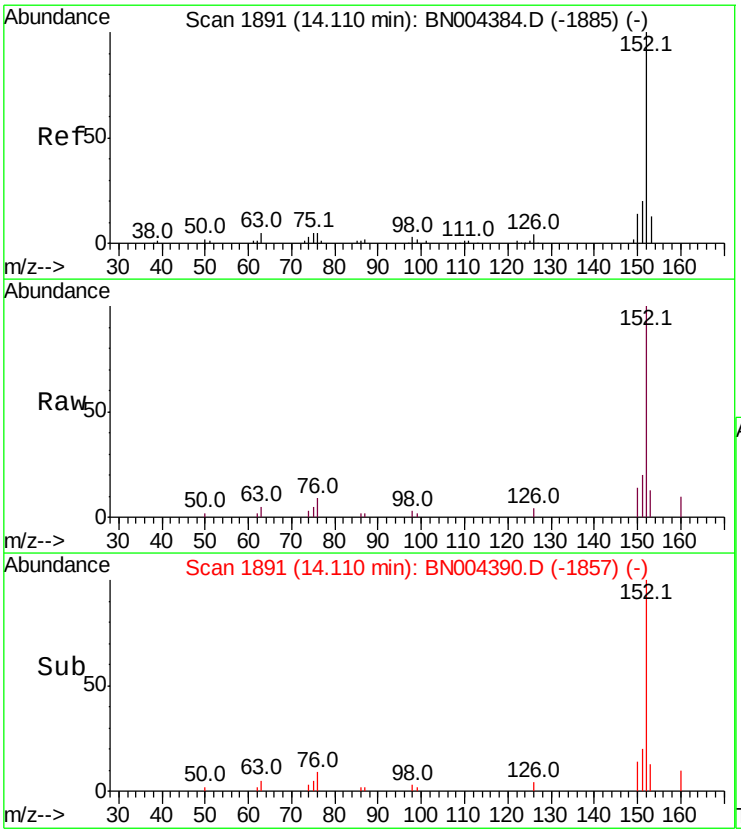
#46
2,6-Dinitrotoluene
Concen: 2.490 ng/ul
RT: 13.97 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:165 Resp: 3023

Ion	Ratio	Lower	Upper
165	100		
89	56.1	42.0	63.0
121	24.2	17.0	25.6

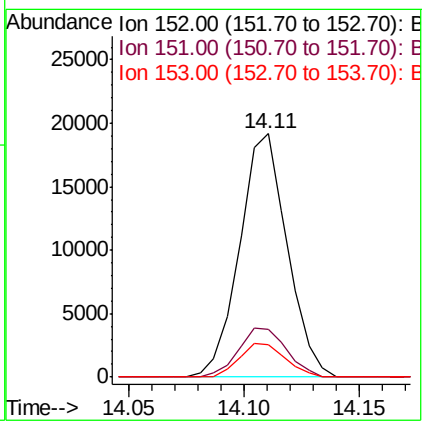


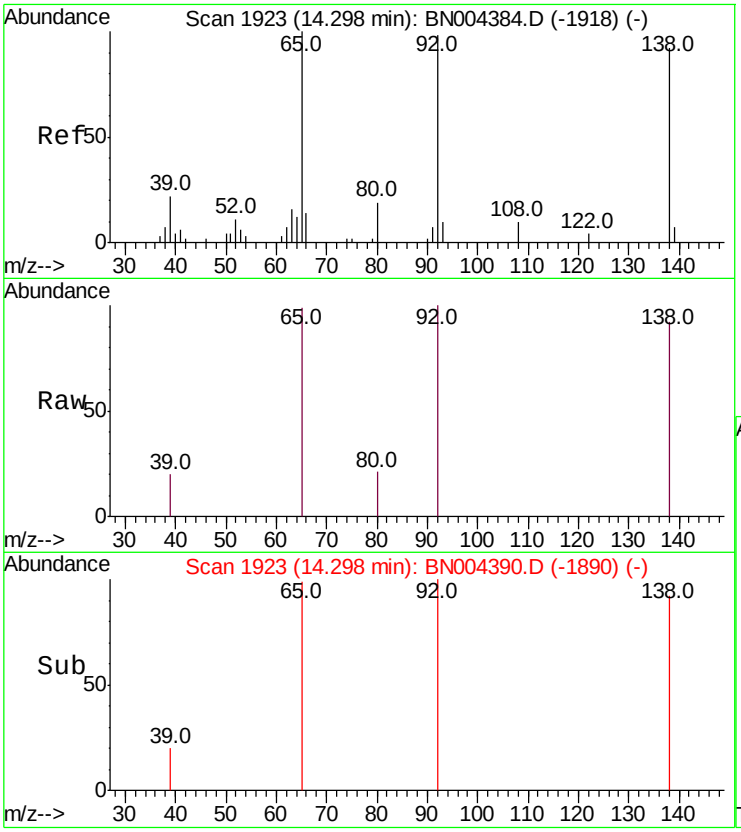


#48
Acenaphthylene
Concen: 3.516 ng/ul
RT: 14.11 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:152 Resp: 27549

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.4	10.6	16.0



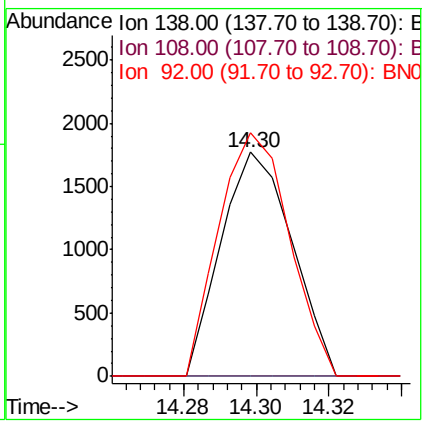


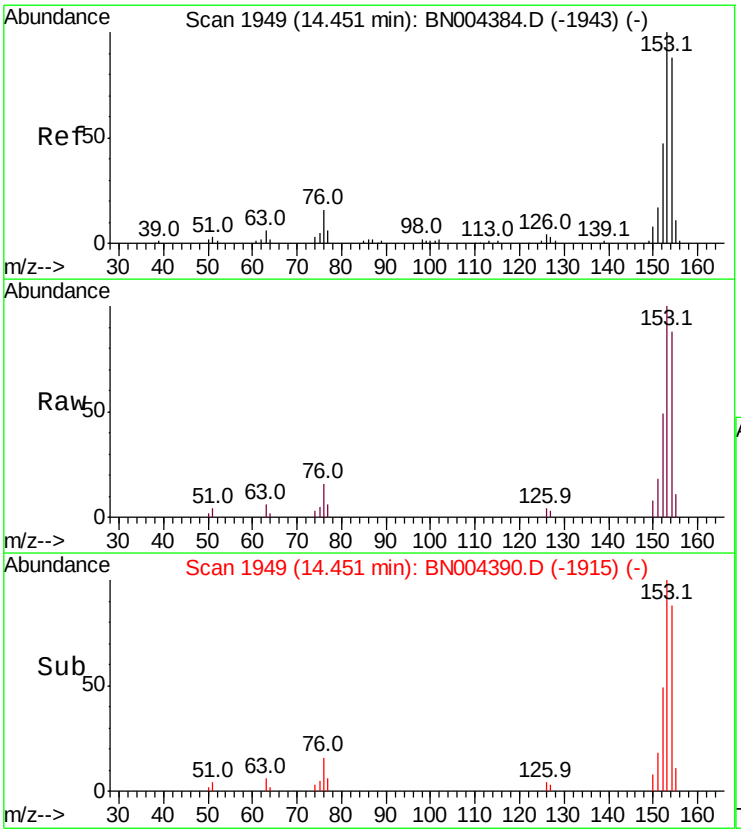
#49
3-Nitroaniline
Concen: 1.948 ng/ul
RT: 14.30 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:138 Resp: 2414

Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.0	13.4#
92	108.6	85.8	128.6

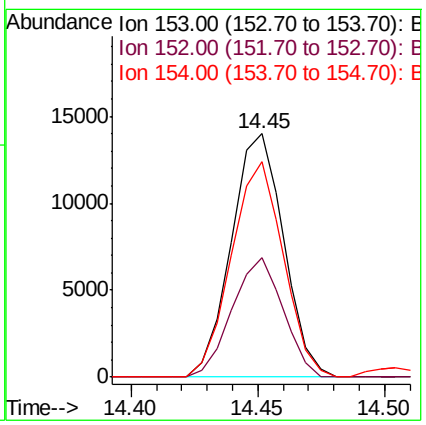


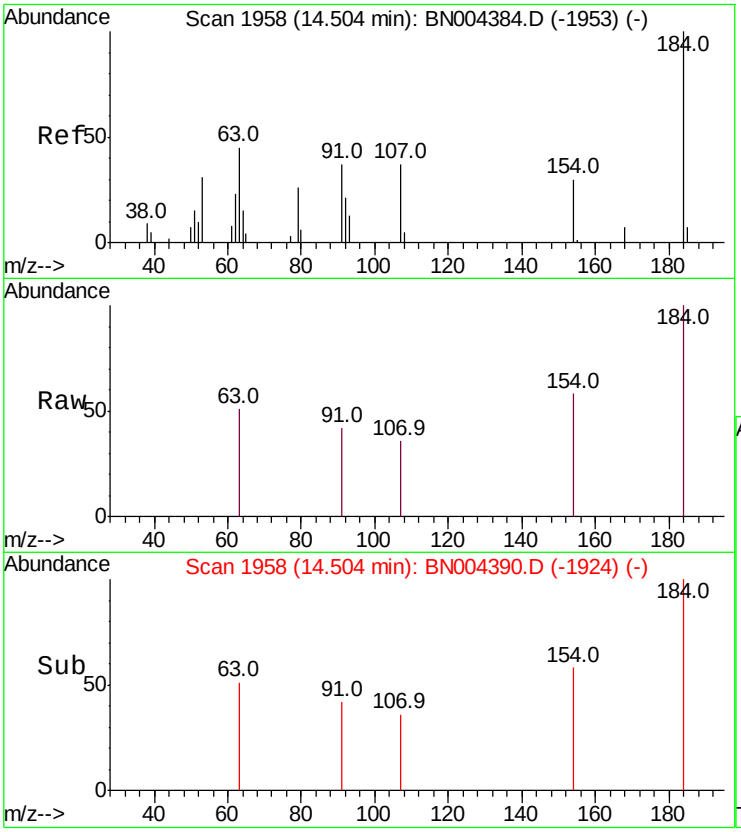


#50
Acenaphthene
Concen: 3.571 ng/ul
RT: 14.45 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:153 Resp: 20157

Ion	Ratio	Lower	Upper
153	100		
152	49.3	37.8	56.6
154	88.4	70.0	105.0



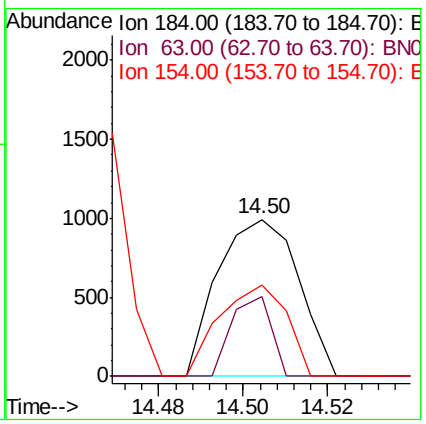


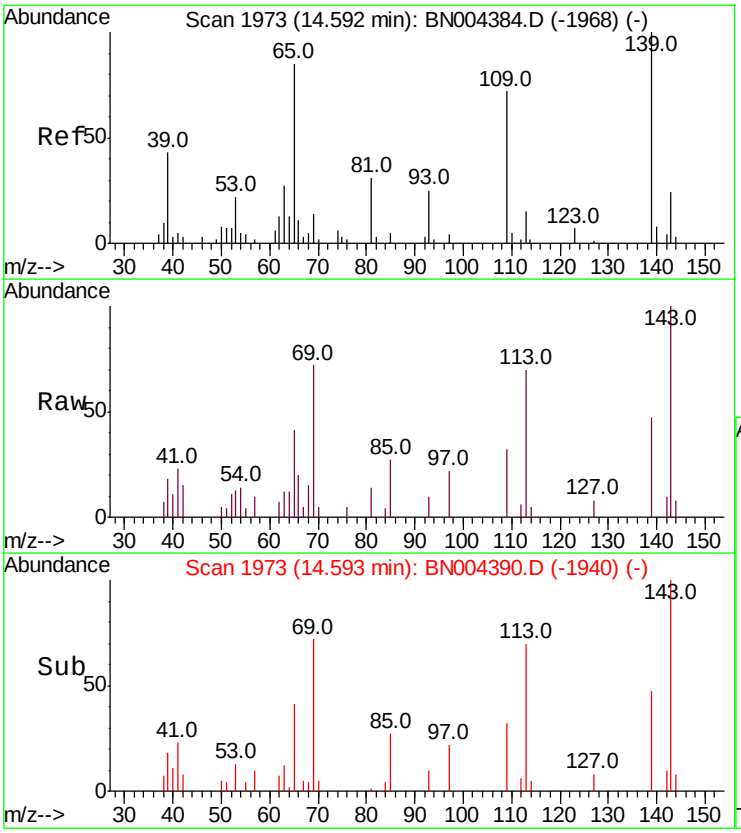
#51
2,4-Dinitrophenol
Concen: 1.742 ng/ul
RT: 14.50 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:184 Resp: 1316

Ion	Ratio	Lower	Upper
184	100		
63	50.7	39.1	58.7
154	57.7	46.2	69.4

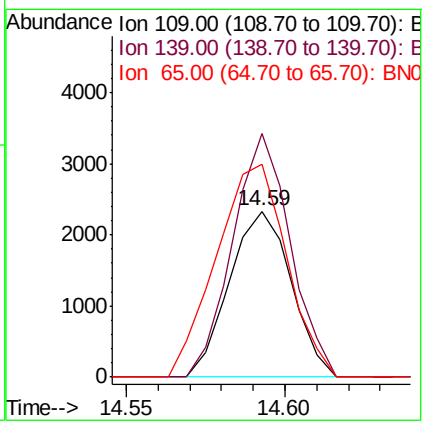


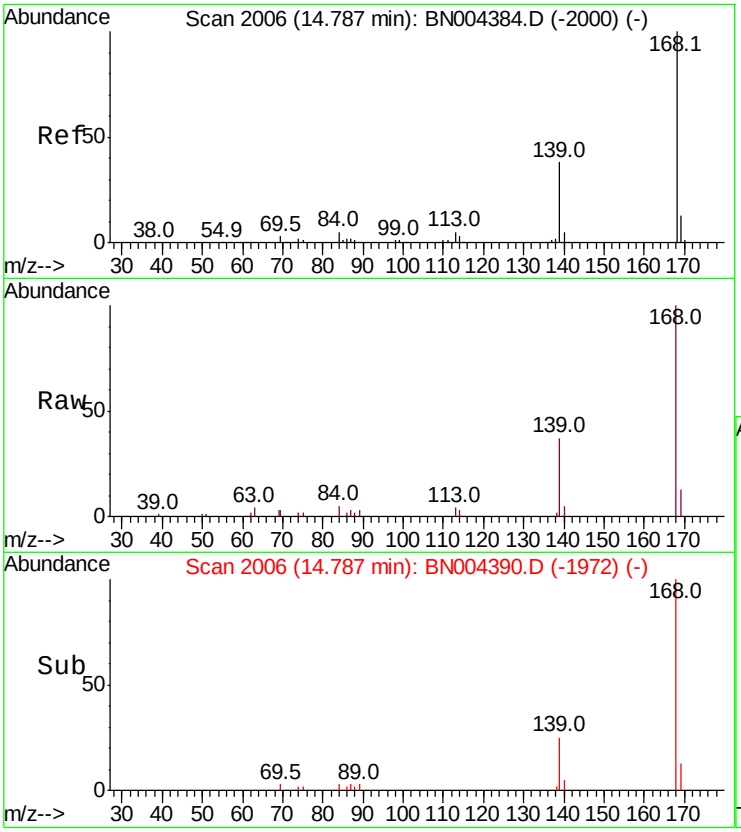


#53
4-Nitrophenol
Concen: 3.182 ng/ul
RT: 14.59 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:109 Resp: 3155

Ion	Ratio	Lower	Upper
109	100		
139	146.5	112.1	168.1
65	128.3	90.3	135.5



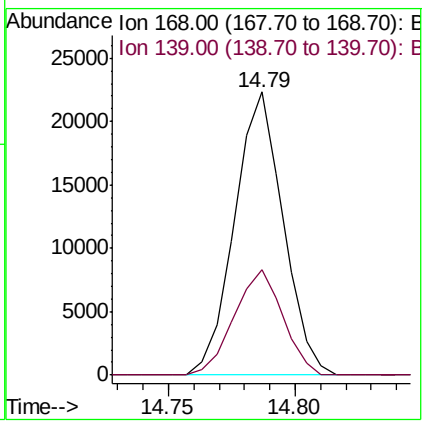


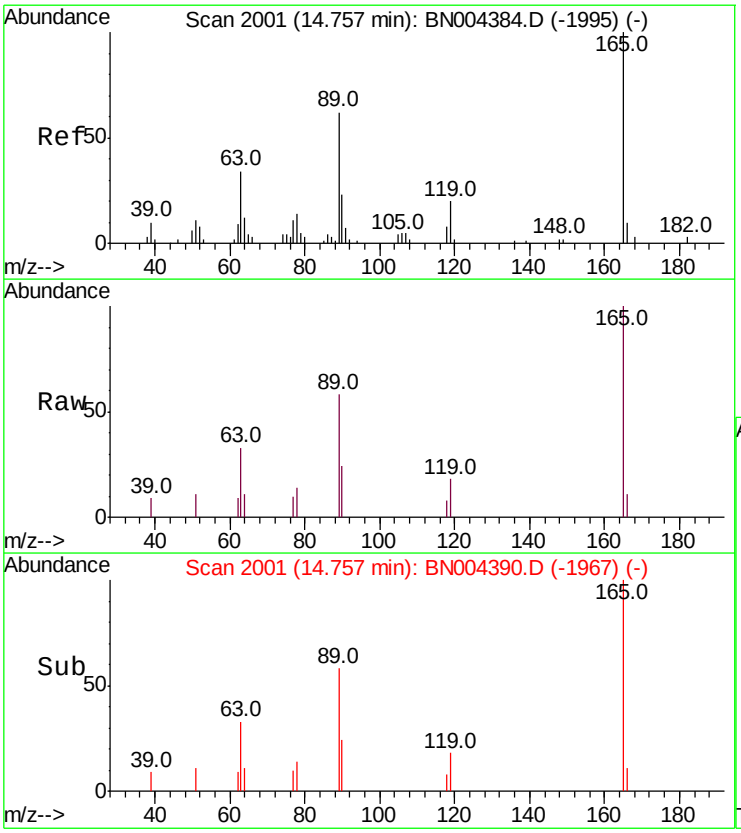
#54
Dibenzofuran
Concen: 3.642 ng/ul
RT: 14.79 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:168 Resp: 29737

Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.8	44.6

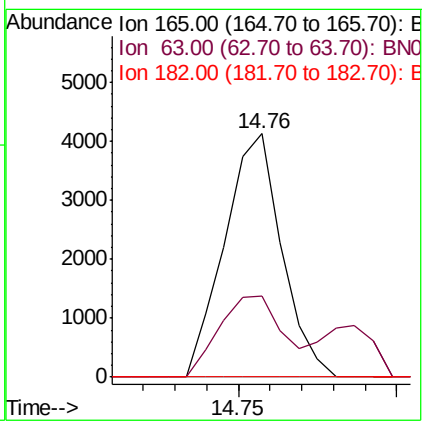


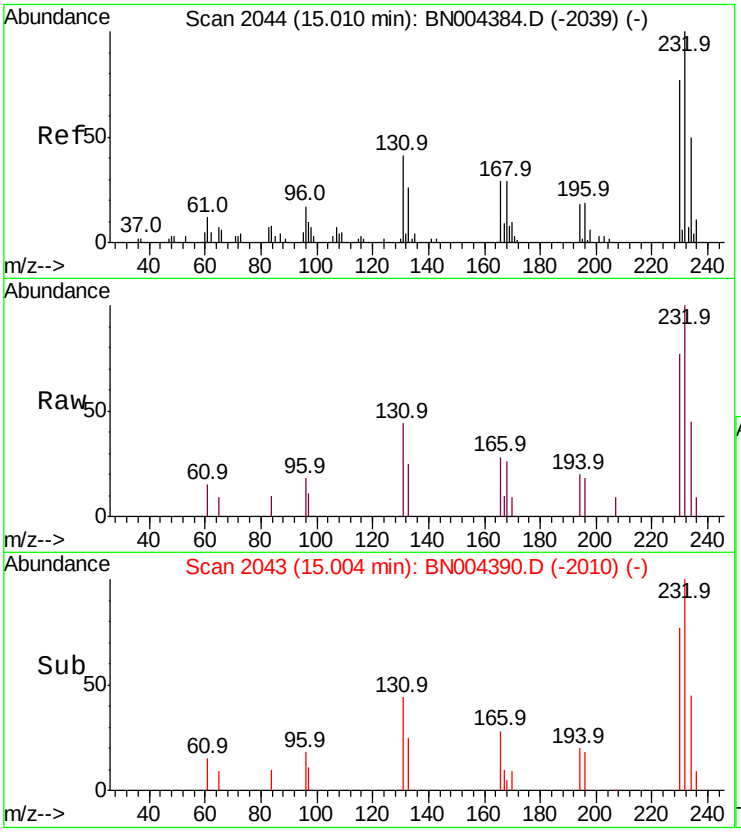


#55
2,4-Dinitrotoluene
Concen: 2.705 ng/ul
RT: 14.76 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:165 Resp: 5152

Ion	Ratio	Lower	Upper
165	100		
63	33.3	27.6	41.4
182	0.0	2.3	3.5#



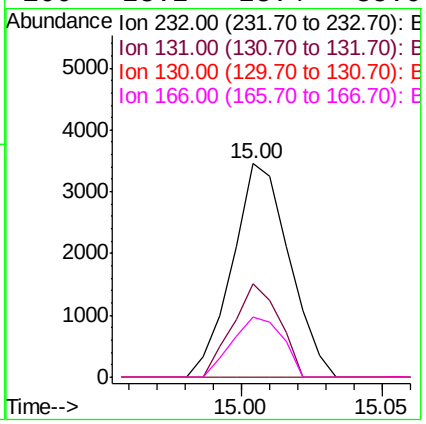


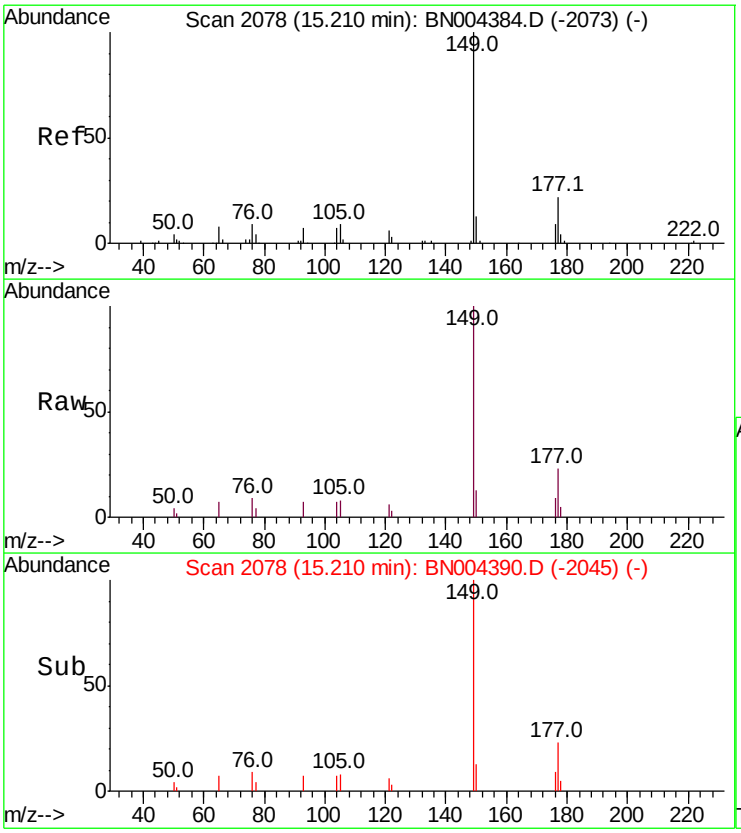
#56
2,3,4,6-Tetrachlorophenol
Concen: 2.916 ng/ul
RT: 15.00 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:232 Resp: 4829

Ion	Ratio	Lower	Upper
232	100		
131	43.8	33.4	50.0
130	0.0	1.8	2.8#
166	28.2	23.4	35.0

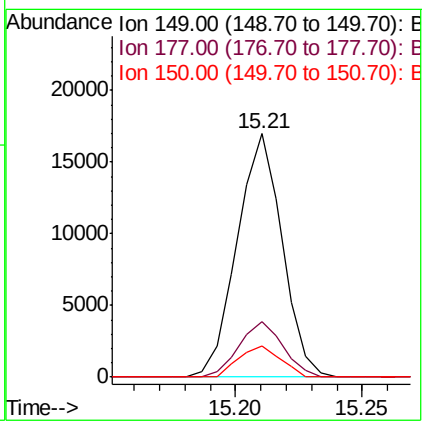


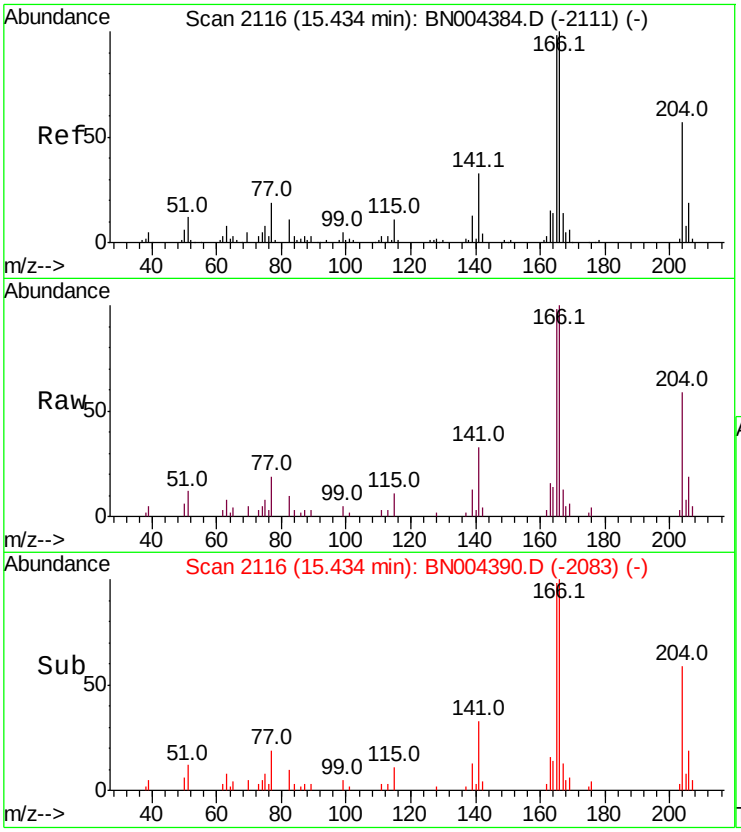


#57
Diethylphthalate
Concen: 3.093 ng/ul
RT: 15.21 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:149 Resp: 21019

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.0	27.0
150	12.6	10.2	15.2



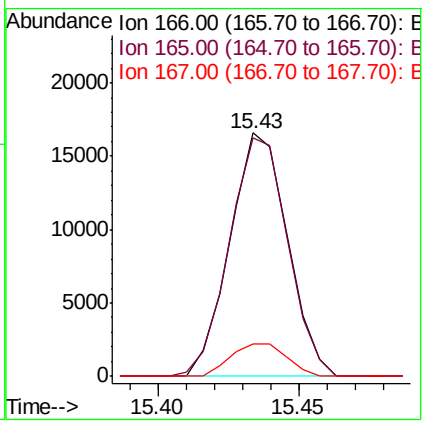


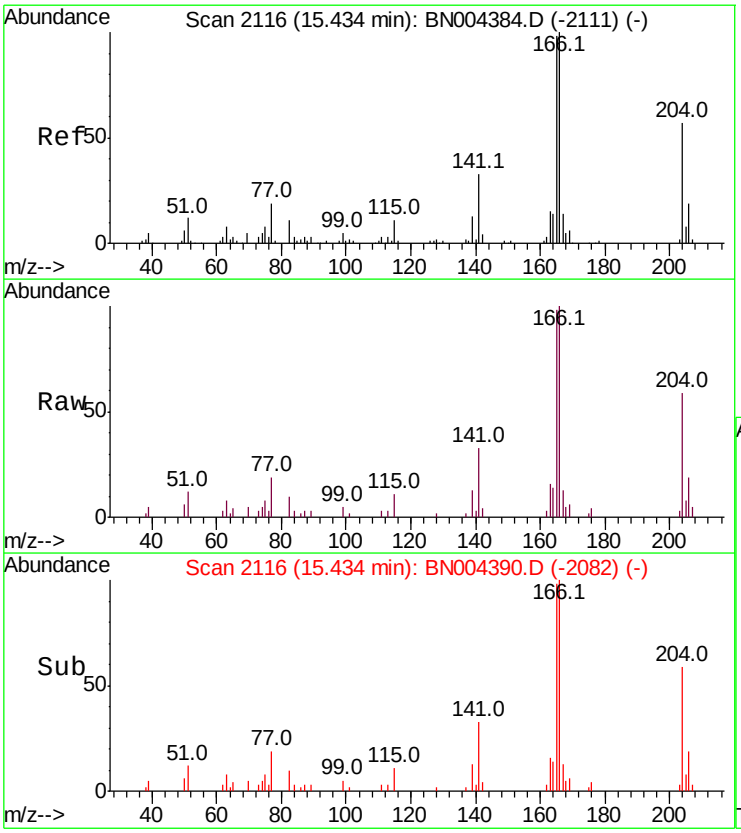
#59
Fluorene
Concen: 3.540 ng/ul
RT: 15.43 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:166 Resp: 23422

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.0	117.0
167	13.2	10.8	16.2

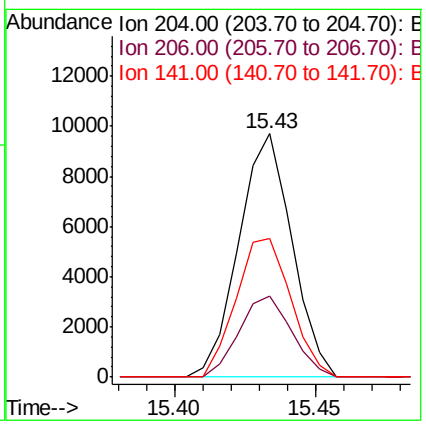


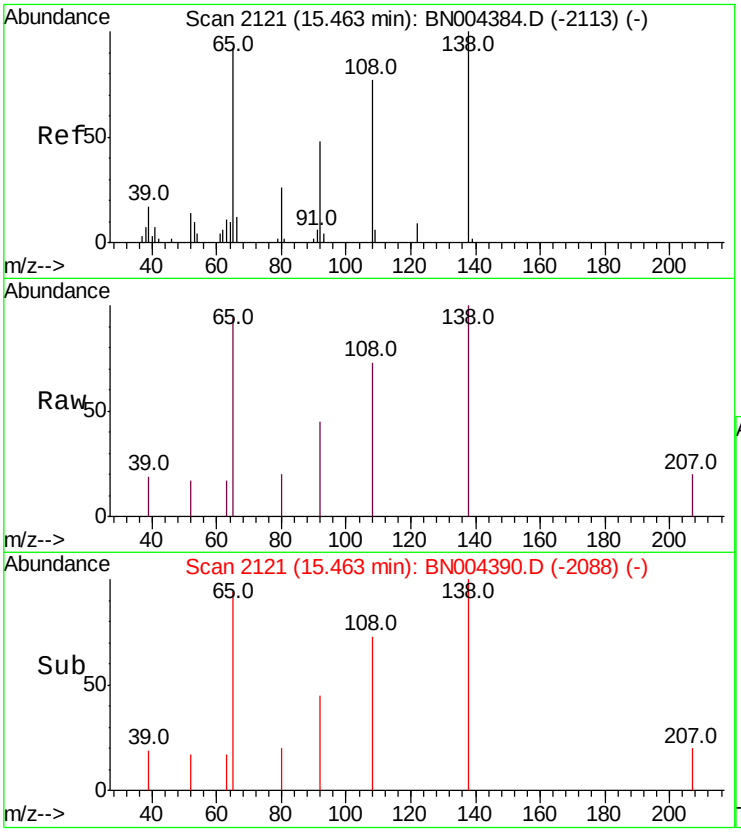


#60
4-Chlorophenyl-phenylether
Concen: 3.626 ng/ul
RT: 15.43 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:204 Resp: 12694

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	56.8	44.8	67.2



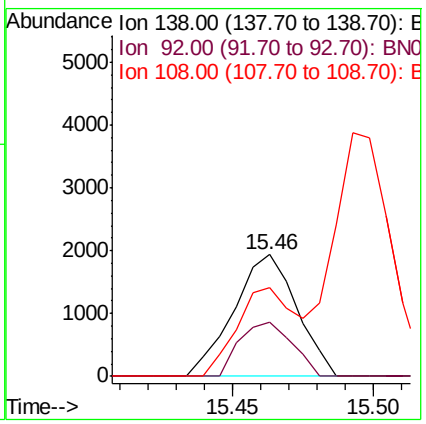


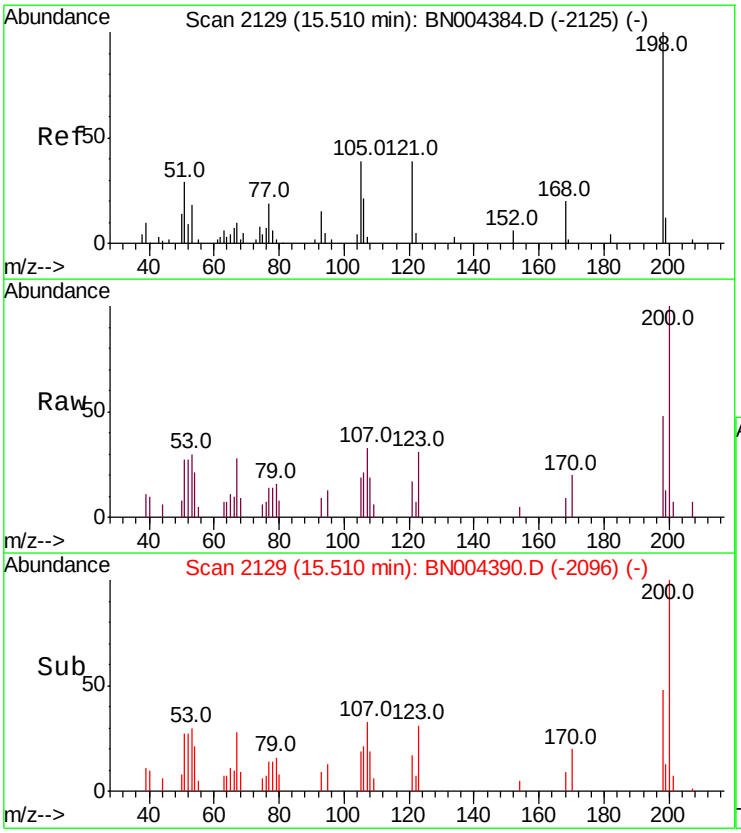
#61
4-Nitroaniline
Concen: 1.859 ng/ul
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:138 Resp: 2998

Ion	Ratio	Lower	Upper
138	100		
92	45.0	37.8	56.8
108	72.5	61.7	92.5

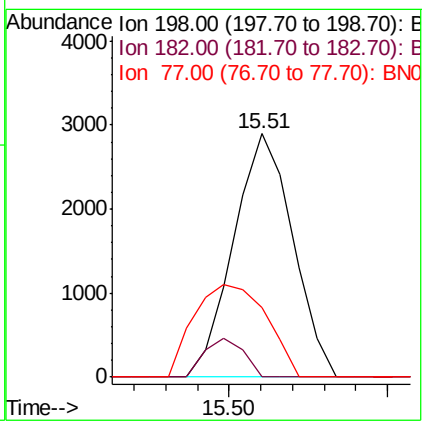


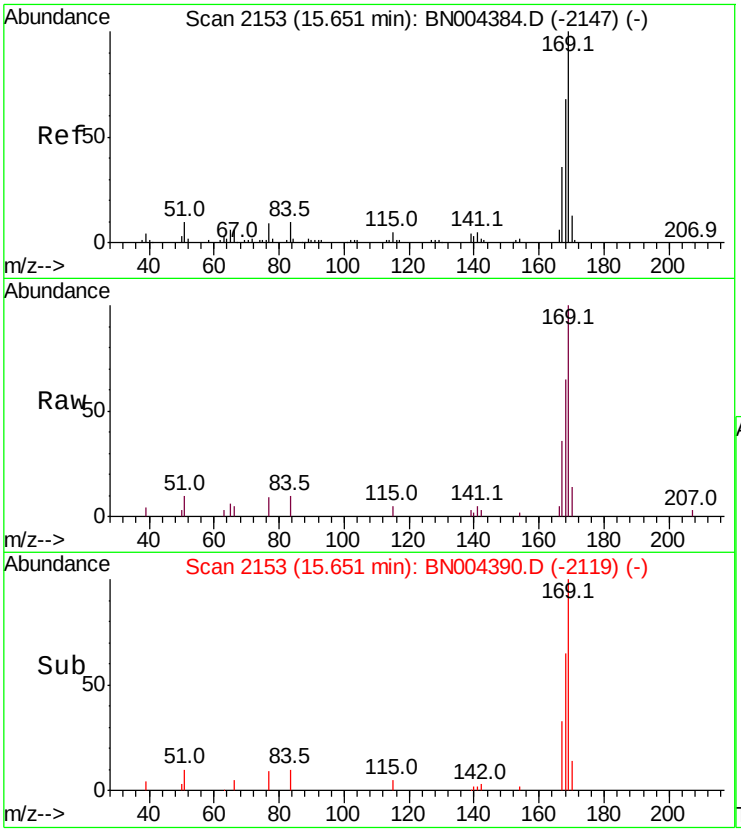


#64
4,6-Dinitro-2-methylphenol
Concen: 3.021 ng/ul
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:198 Resp: 3747

Ion	Ratio	Lower	Upper
198	100		
182	0.0	3.3	4.9#
77	28.5	16.2	24.4#



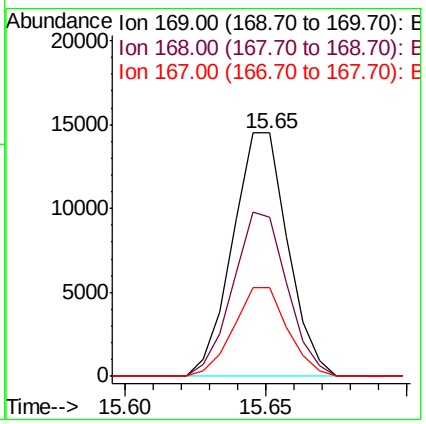


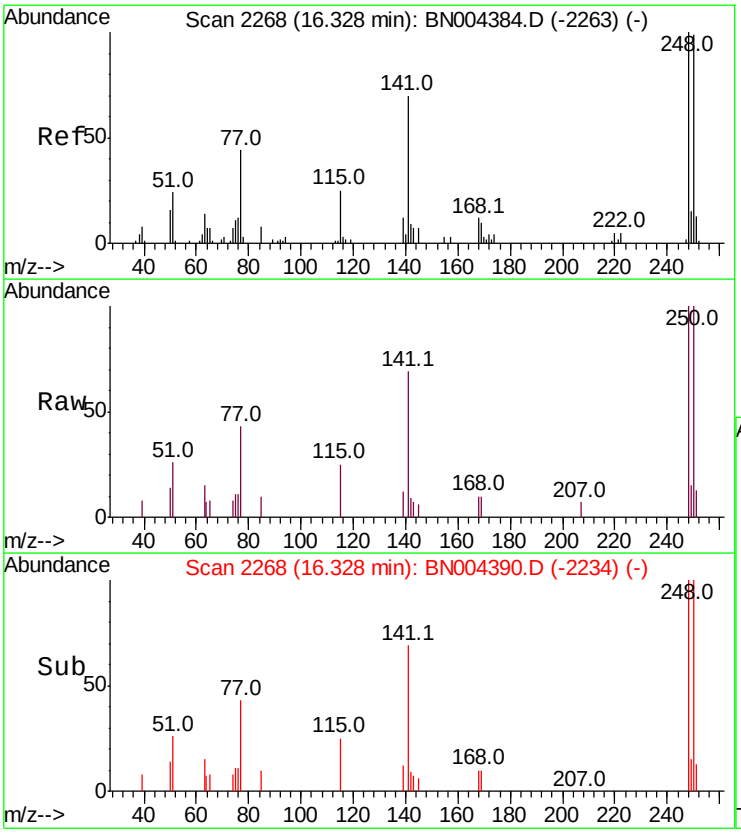
#65
N-Nitrosodiphenylamine
Concen: 3.397 ng/ul
RT: 15.65 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:169 Resp: 19685

Ion	Ratio	Lower	Upper
169	100		
168	65.3	53.8	80.6
167	36.5	29.0	43.4

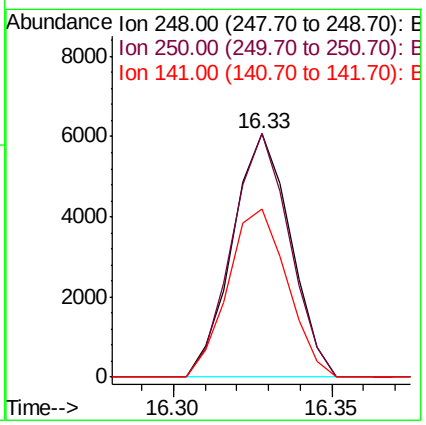


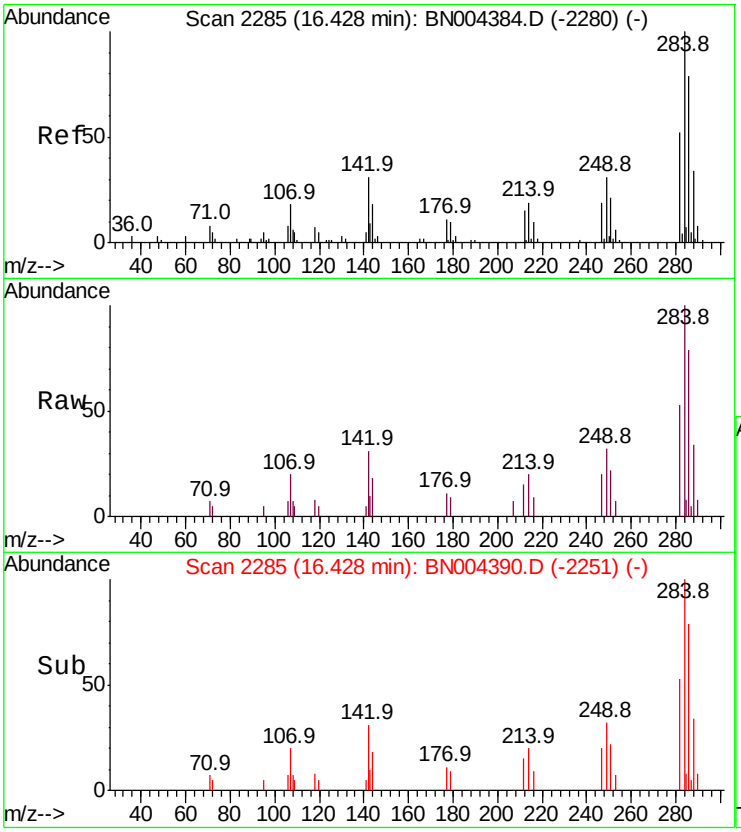


#66
4-Bromophenyl-phenylether
Concen: 3.418 ng/ul
RT: 16.33 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:248 Resp: 7728

Ion	Ratio	Lower	Upper
248	100		
250	100.1	77.9	116.9
141	69.2	55.1	82.7



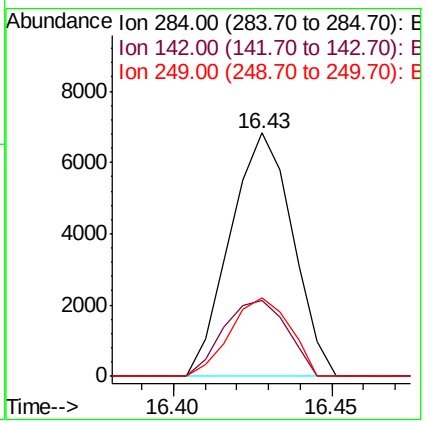


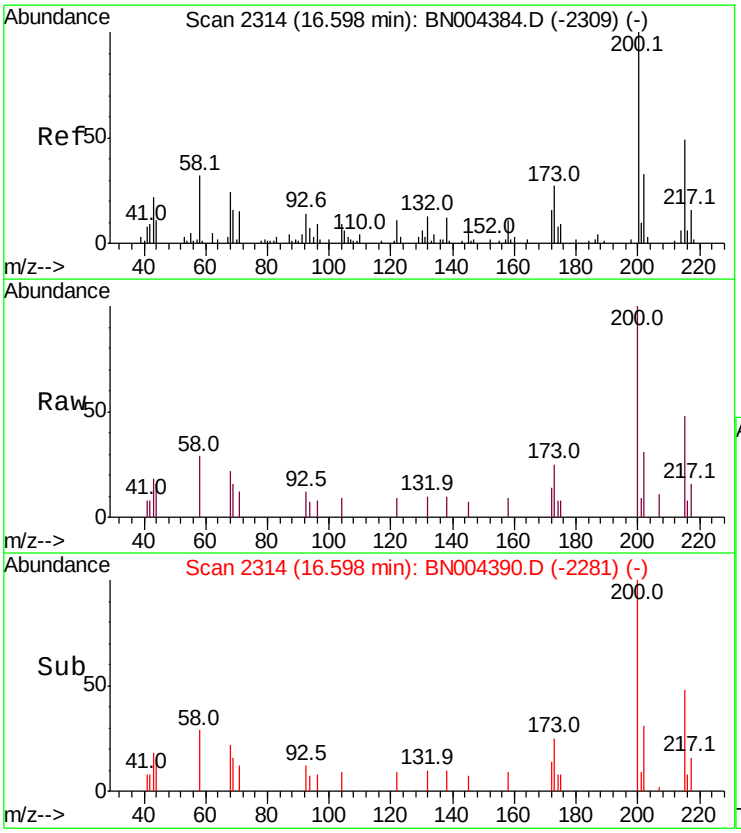
#67
Hexachlorobenzene
Concen: 3.526 ng/ul
RT: 16.43 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:284 Resp: 9338

Ion	Ratio	Lower	Upper
284	100		
142	31.1	24.5	36.7
249	32.4	25.0	37.6

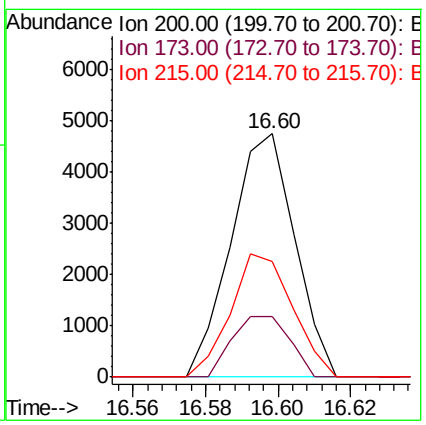


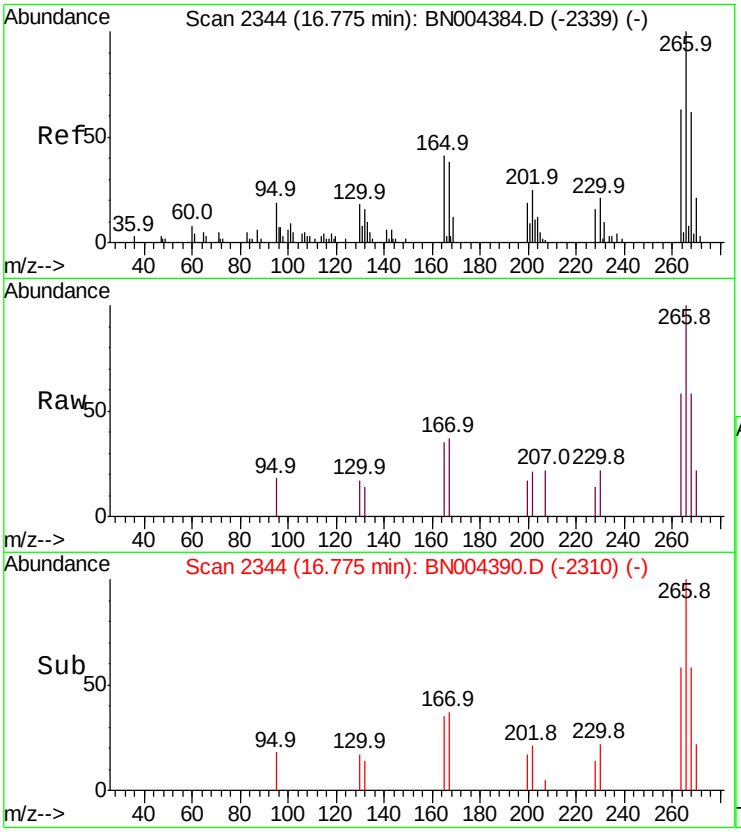


#68
Atrazine
Concen: 2.598 ng/ul
RT: 16.60 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:200 Resp: 5797

Ion	Ratio	Lower	Upper
200	100		
173	25.0	20.1	30.1
215	47.6	39.1	58.7



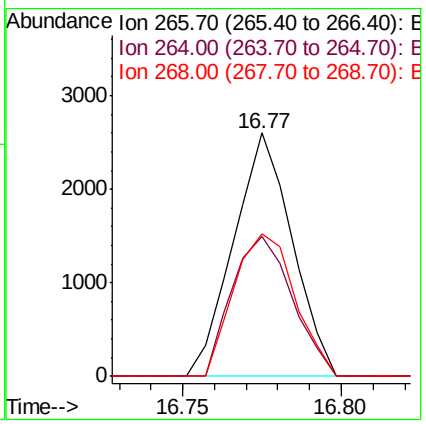


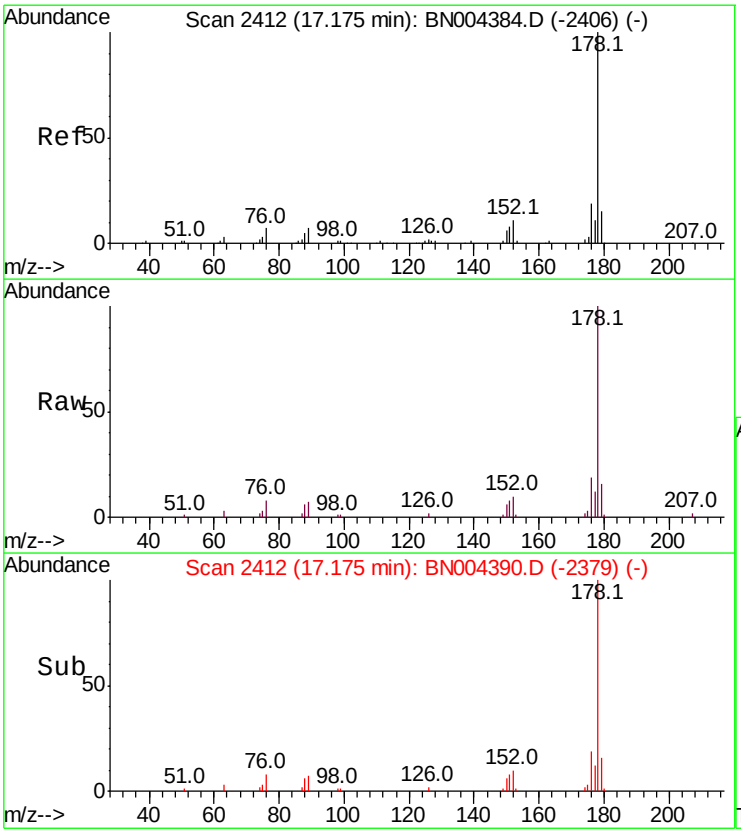
#69
Pentachlorophenol
Concen: 2.164 ng/ul
RT: 16.77 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:266 Resp: 3340

Ion	Ratio	Lower	Upper
266	100		
264	57.5	50.3	75.5
268	58.3	49.6	74.4

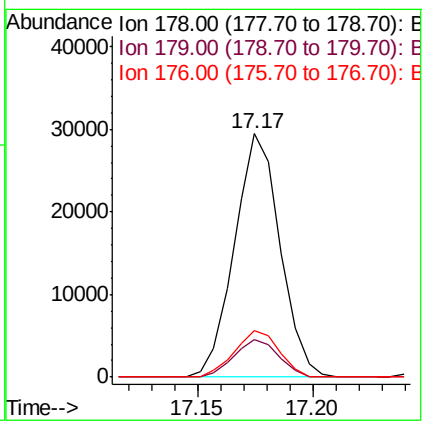


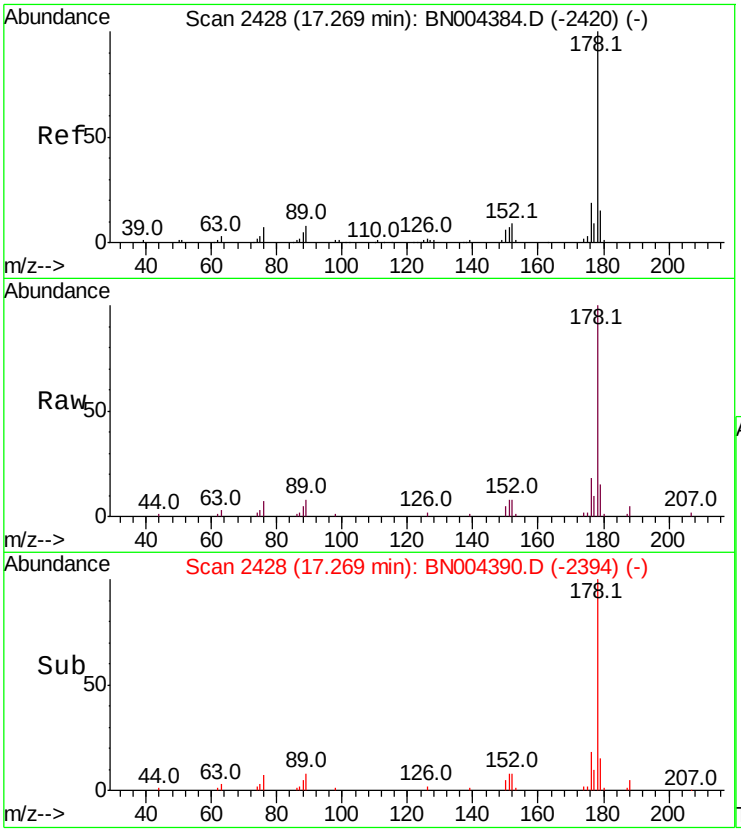


#70
Phenanthrene
Concen: 3.618 ng/ul
RT: 17.17 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:178 Resp: 40613

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.3	15.4	23.0



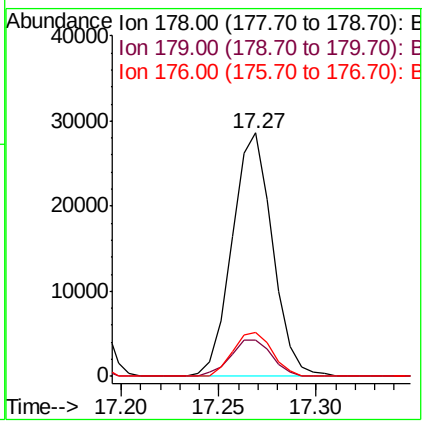


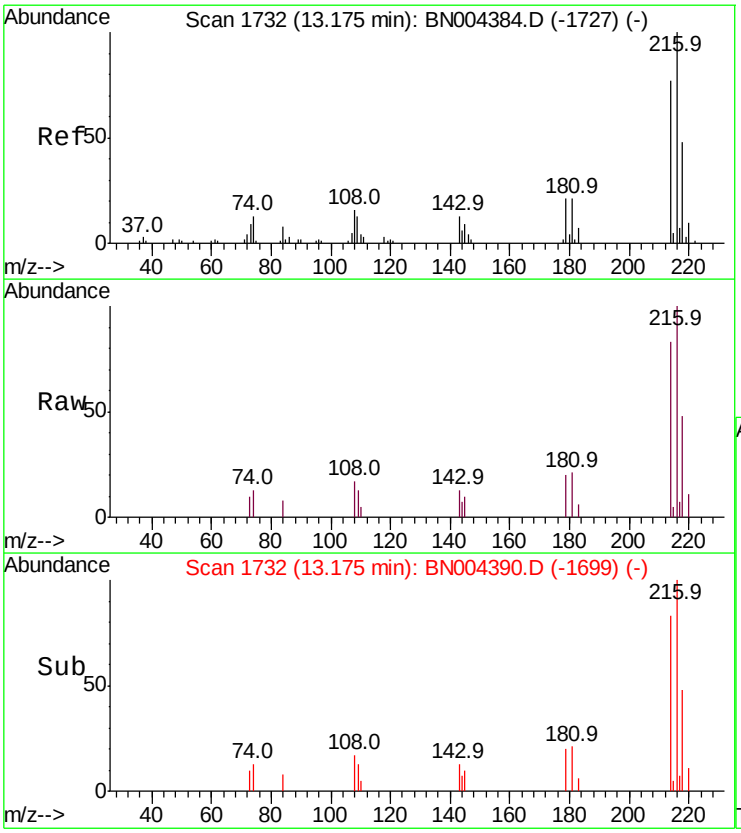
#72
Anthracene
Concen: 3.627 ng/ul
RT: 17.27 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:178 Resp: 40997

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.4
176	17.8	14.9	22.3

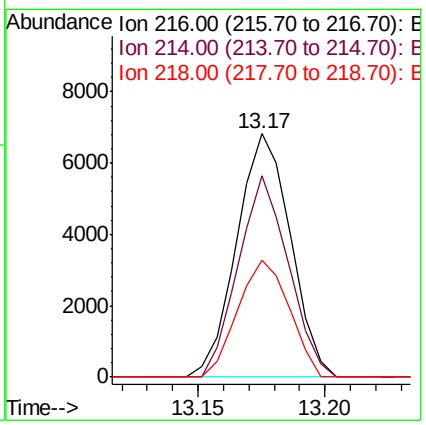


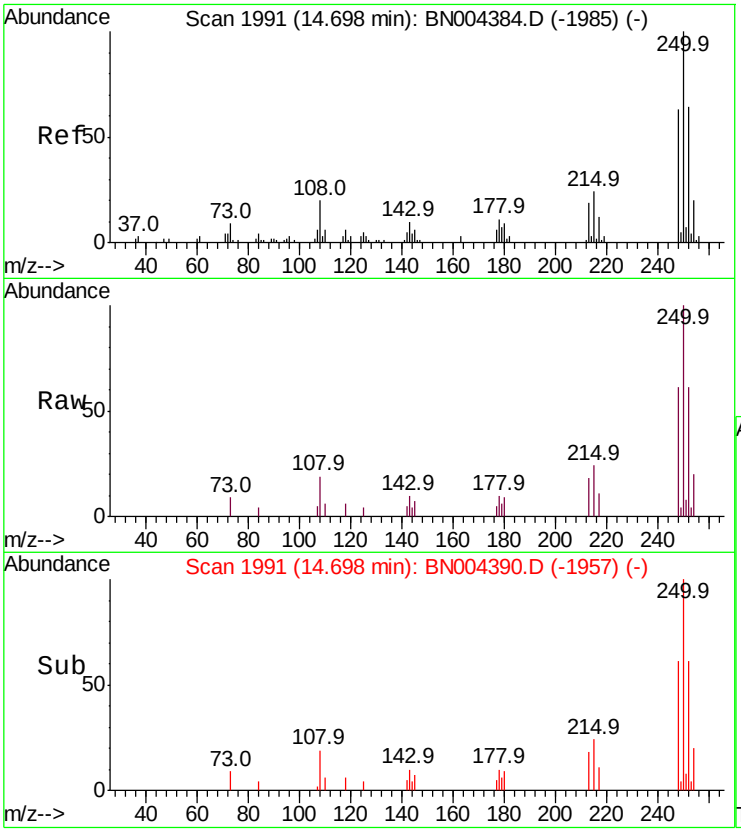


#73
1,2,3,4-Tetrachlorobenzene
Concen: 3.644 ng/uL
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:216 Resp: 10112

Ion	Ratio	Lower	Upper
216	100		
214	82.7	61.9	92.9
218	47.8	38.7	58.1



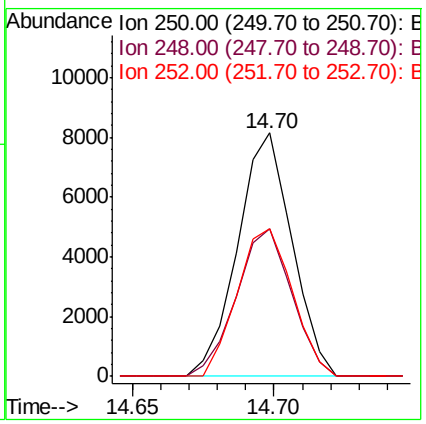


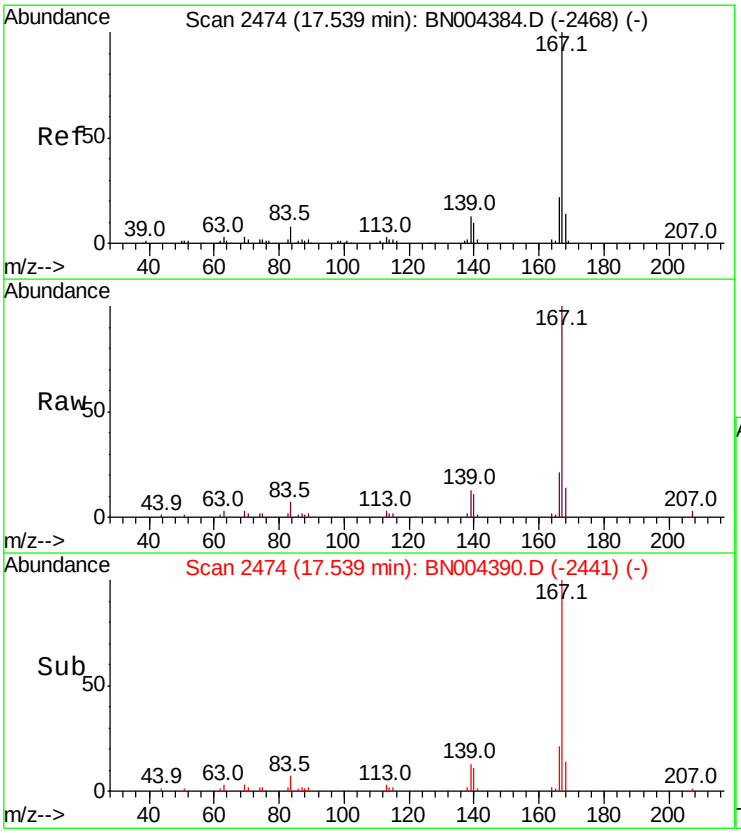
#74
Pentachlorobenzene
Concen: 3.665 ng/uL
RT: 14.70 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:250 Resp: 10871

Ion	Ratio	Lower	Upper
250	100		
248	60.7	51.5	77.3
252	60.7	50.4	75.6

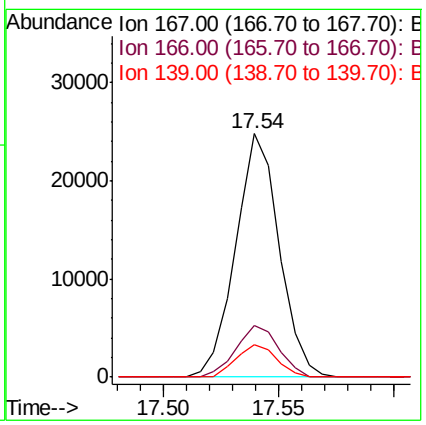


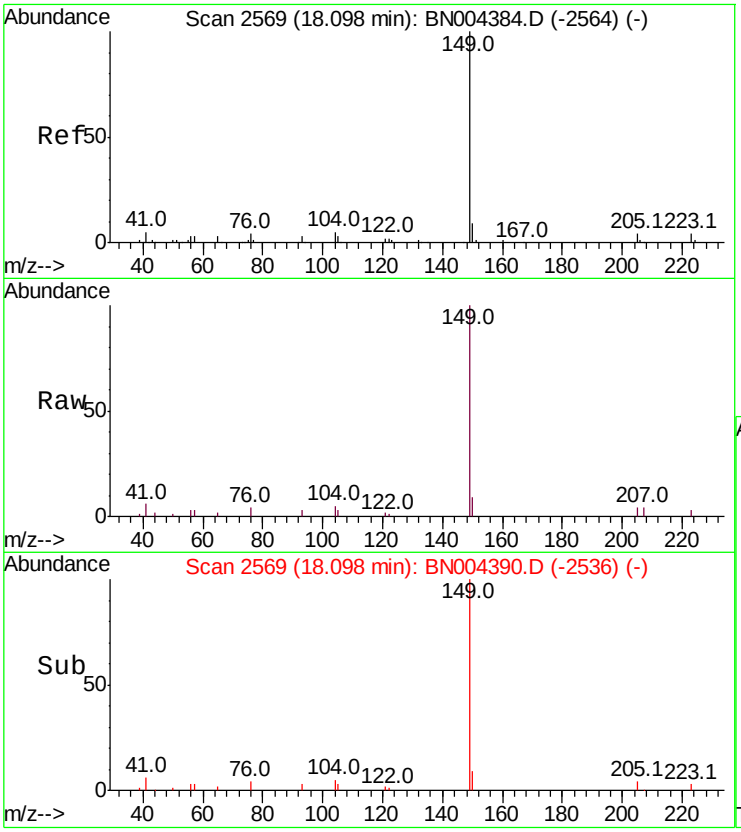


#75
Carbazole
Concen: 3.230 ng/ul
RT: 17.54 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:167 Resp: 32616

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.5	26.3
139	13.1	10.4	15.6



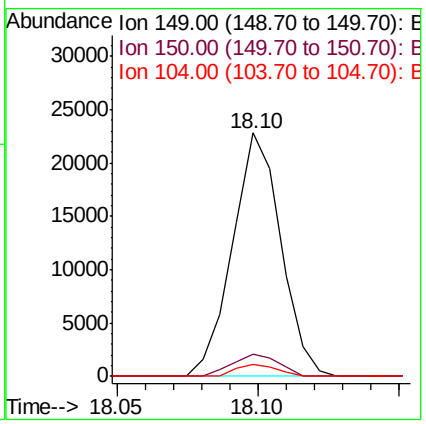


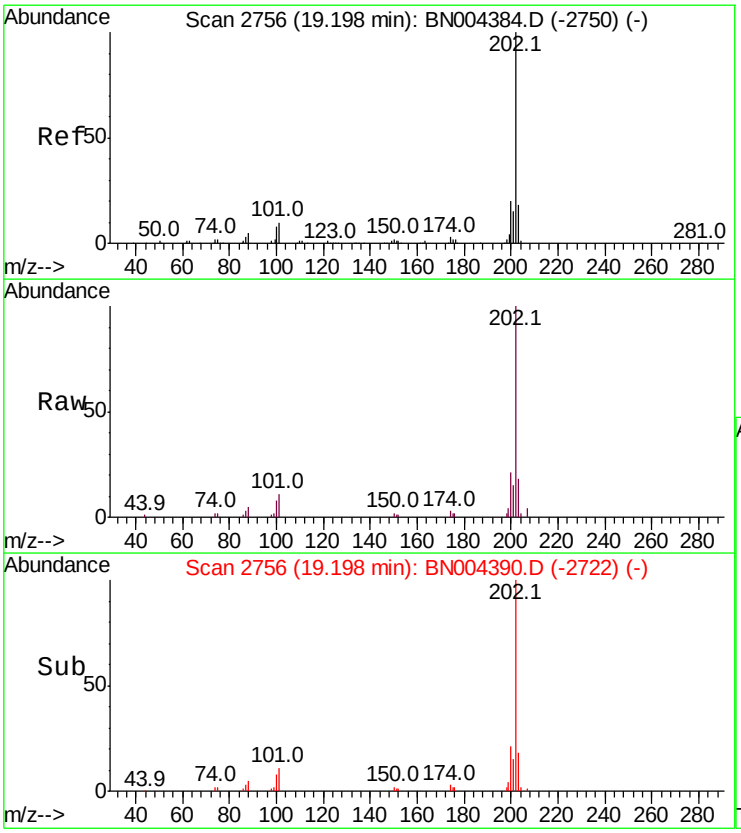
#76
Di-n-butylphthalate
Concen: 2.444 ng/ul
RT: 18.10 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:149 Resp: 27095

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.0
104	4.7	3.7	5.5

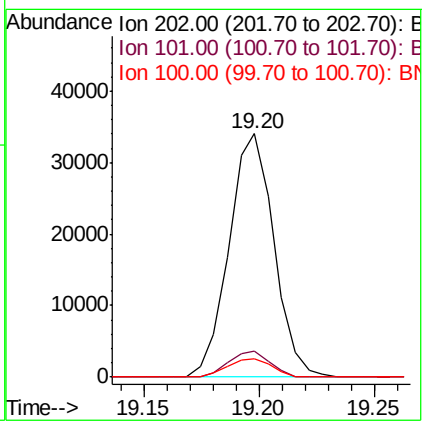


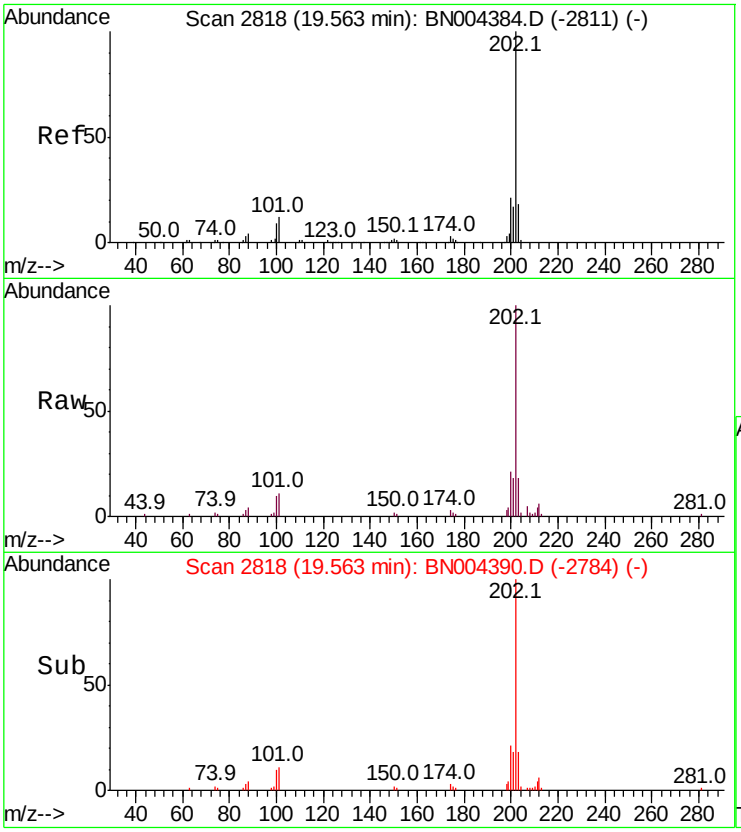


#77
Fluoranthene
Concen: 3.334 ng/ul
RT: 19.20 min Scan# 2756
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:202 Resp: 46071

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.2	12.4
100	7.5	6.6	9.8



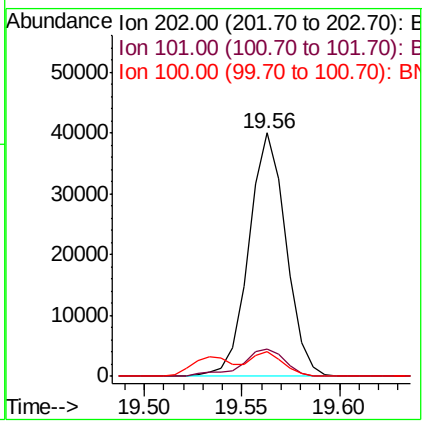


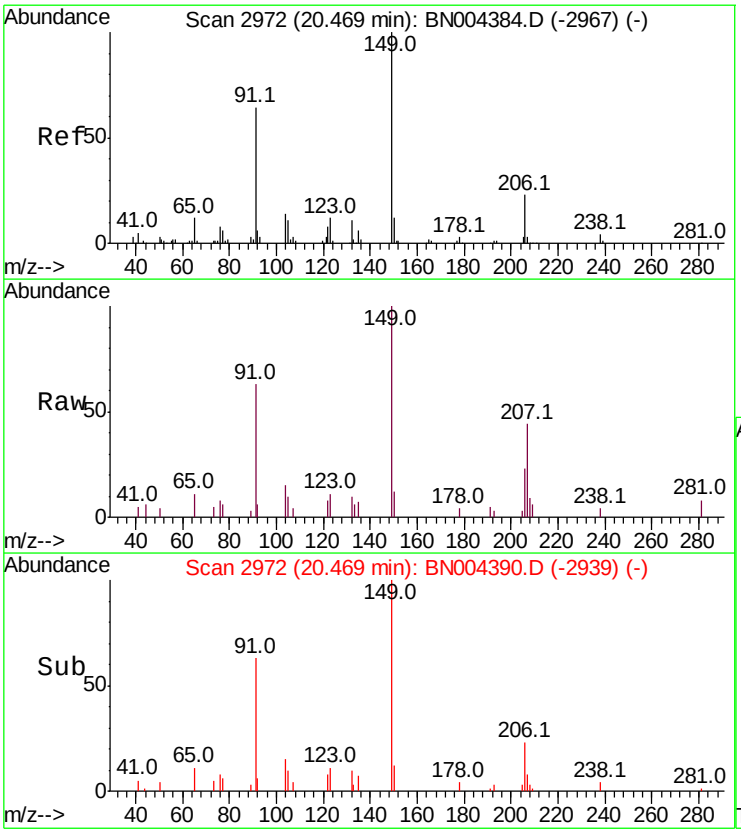
#80
Pyrene
Concen: 3.540 ng/ul
RT: 19.56 min Scan# 2818
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:202 Resp: 52743

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.2	13.8
100	10.2	7.5	11.3

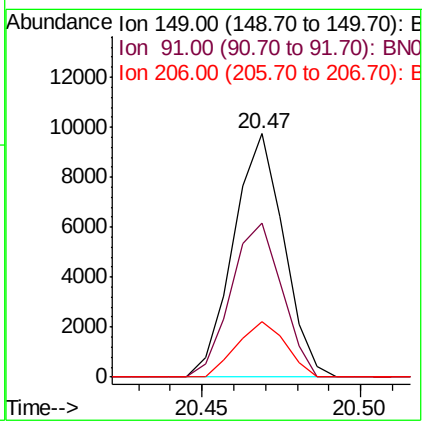


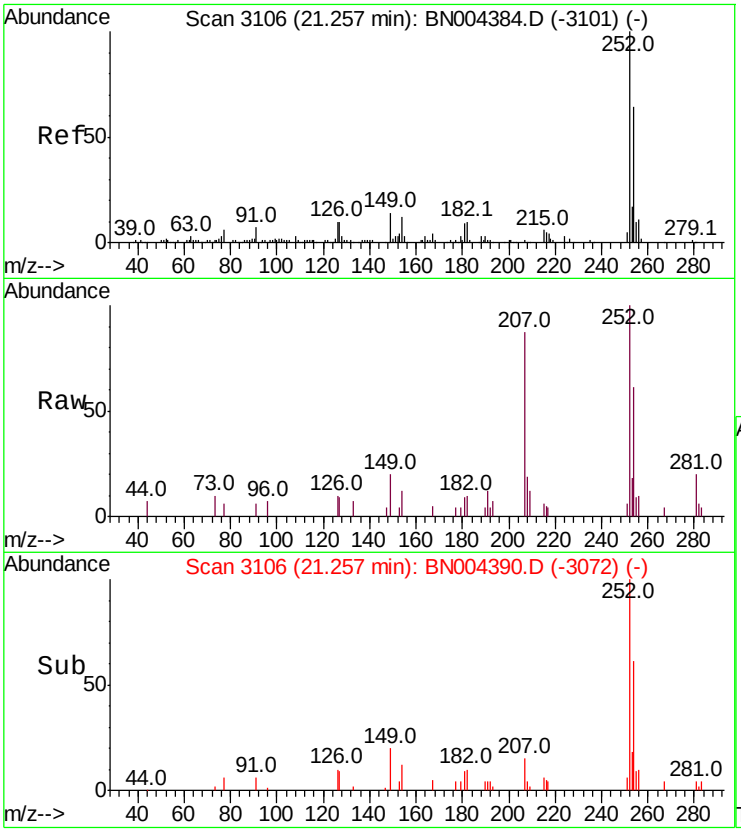


#81
Butylbenzylphthalate
Concen: 2.097 ng/ul
RT: 20.47 min Scan# 2972
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:149 Resp: 10734

Ion	Ratio	Lower	Upper
149	100		
91	63.1	49.8	74.6
206	22.5	18.2	27.2



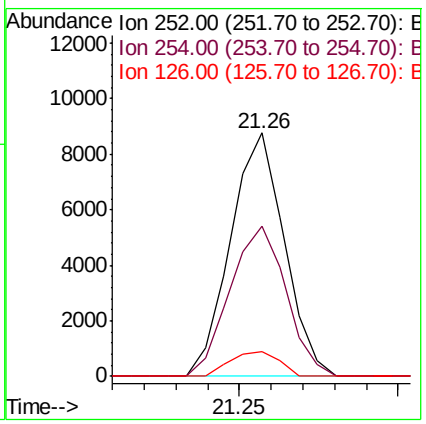


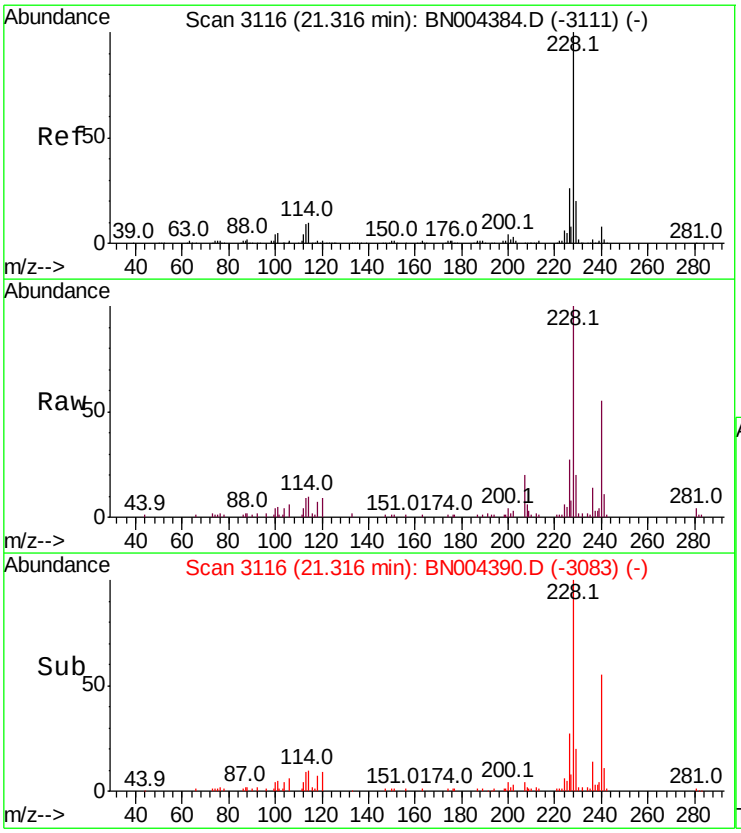
#82
3,3'-Dichlorobenzidine
Concen: 1.822 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:252 Resp: 10293

Ion	Ratio	Lower	Upper
252	100		
254	61.4	51.8	77.6
126	9.9	8.3	12.5

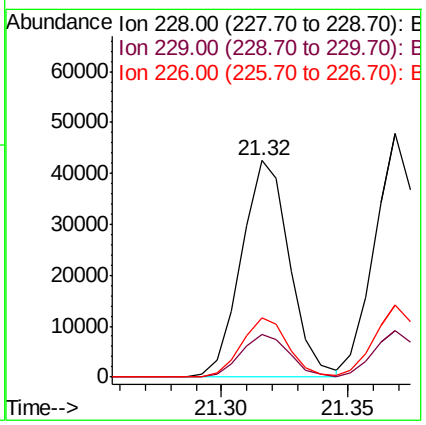


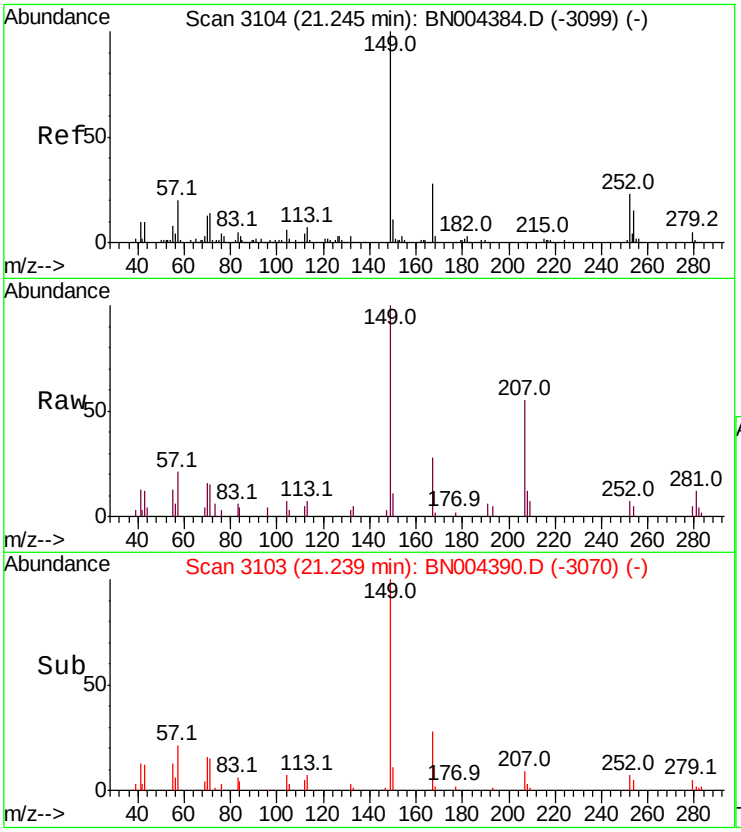


#83
Benzo(a)anthracene
Concen: 3.399 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:228 Resp: 56439

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.4	23.2
226	27.1	21.4	32.2



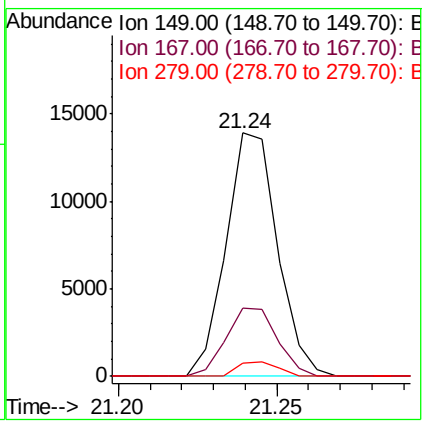


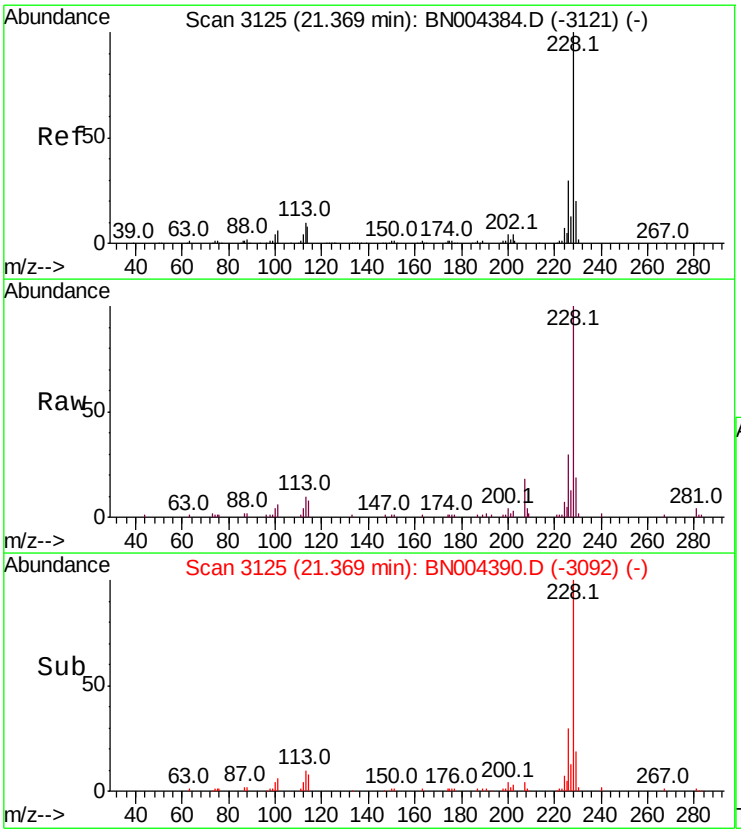
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.037 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:149 Resp: 15631

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.7	34.1
279	5.3	4.3	6.5

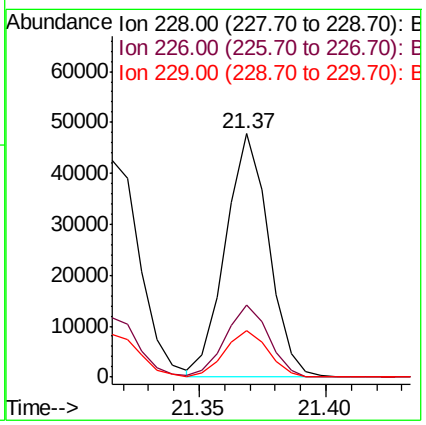


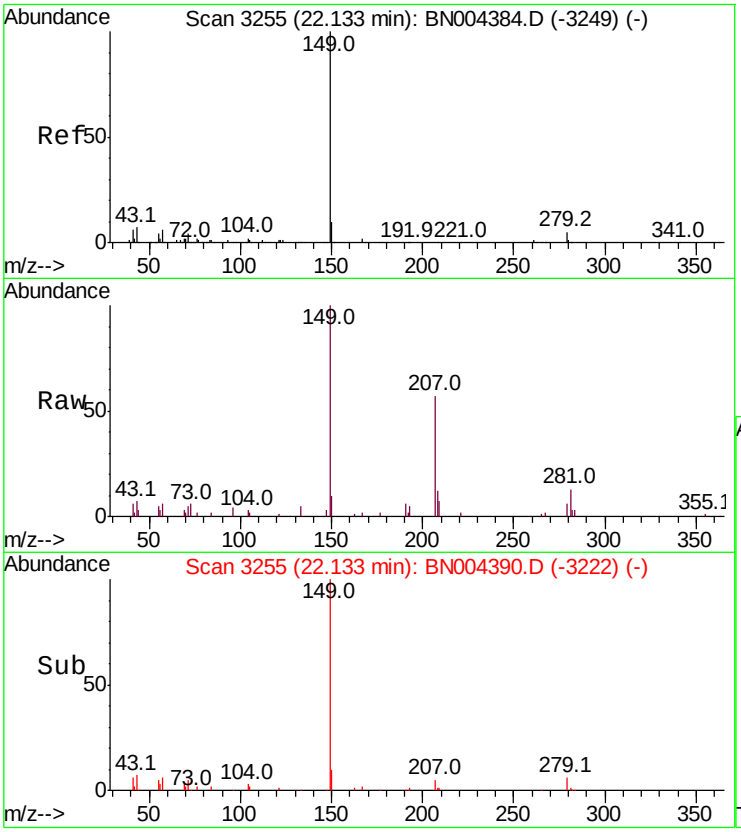


#85
Chrysene
Concen: 3.607 ng/ul
RT: 21.37 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:228 Resp: 56856

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	19.3	15.7	23.5

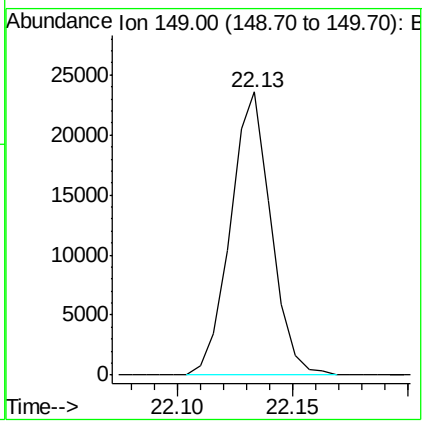


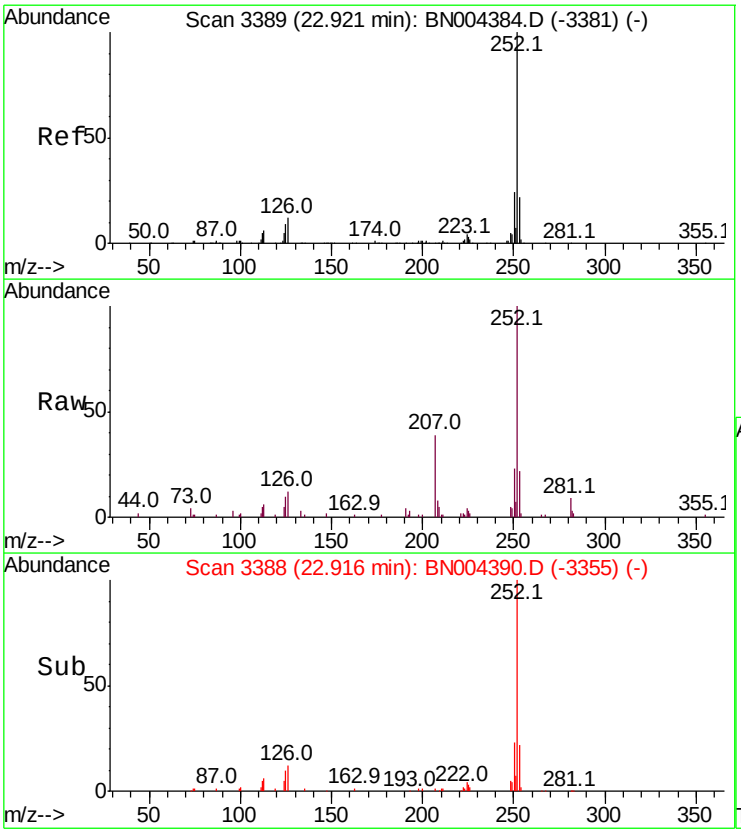


#87
Di-n-octyl phthalate
Concen: 1.916 ng/ul
RT: 22.13 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:149 Resp: 28819

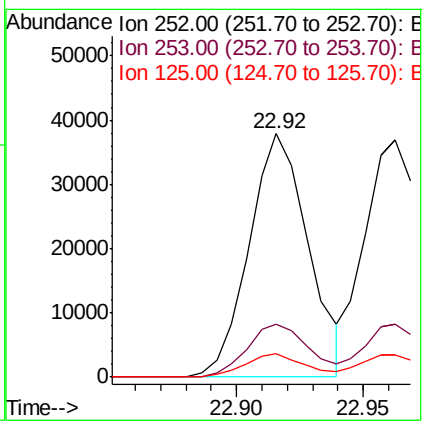


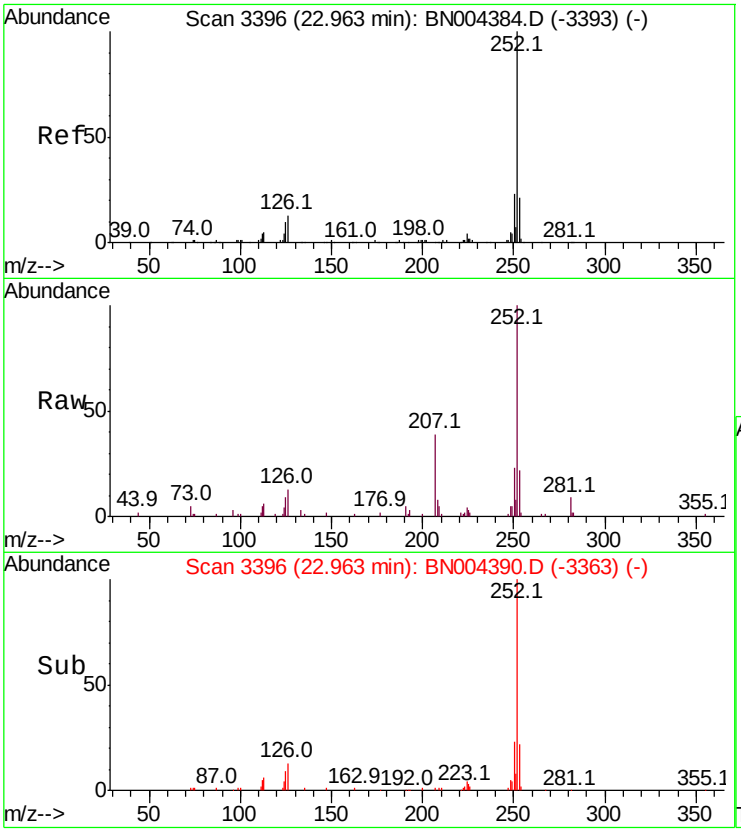


#88
Benzo(b)fluoranthene
Concen: 3.302 ng/ul
RT: 22.92 min Scan# 3388
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:252 Resp: 61438

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	9.7	7.4	11.2



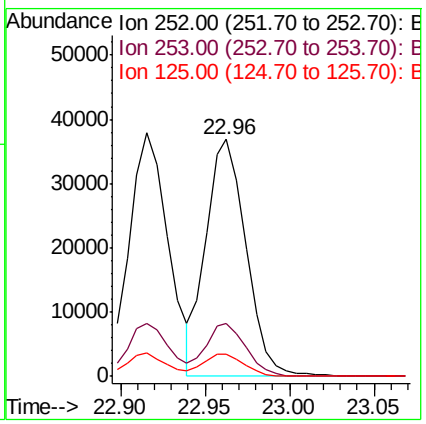


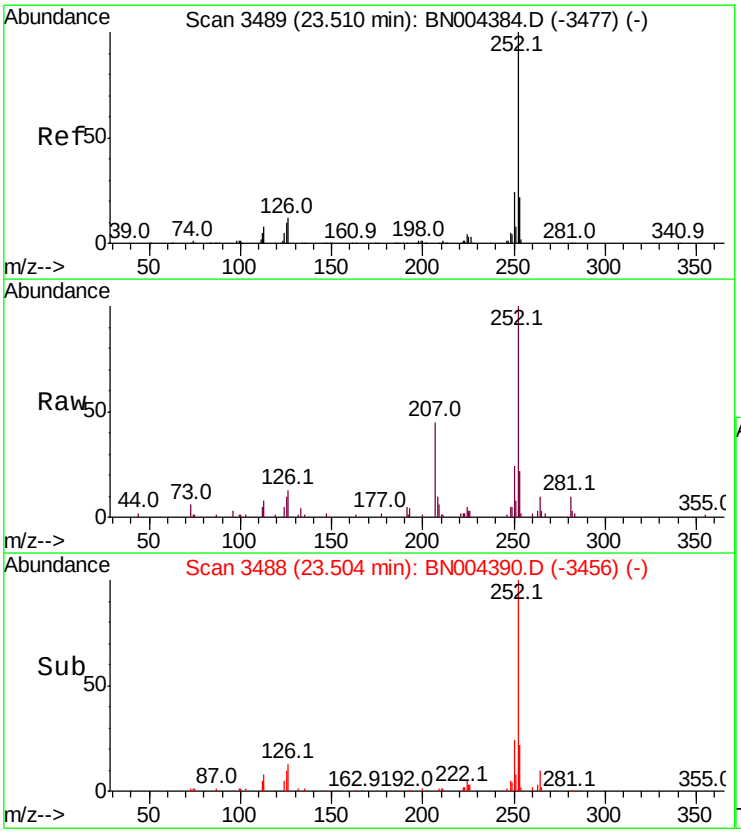
#89
Benzo(k)fluoranthene
Concen: 3.386 ng/ul
RT: 22.96 min Scan# 3396
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:252 Resp: 61247

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	9.1	7.4	11.0

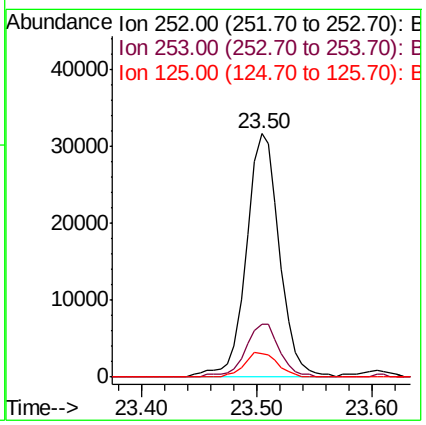


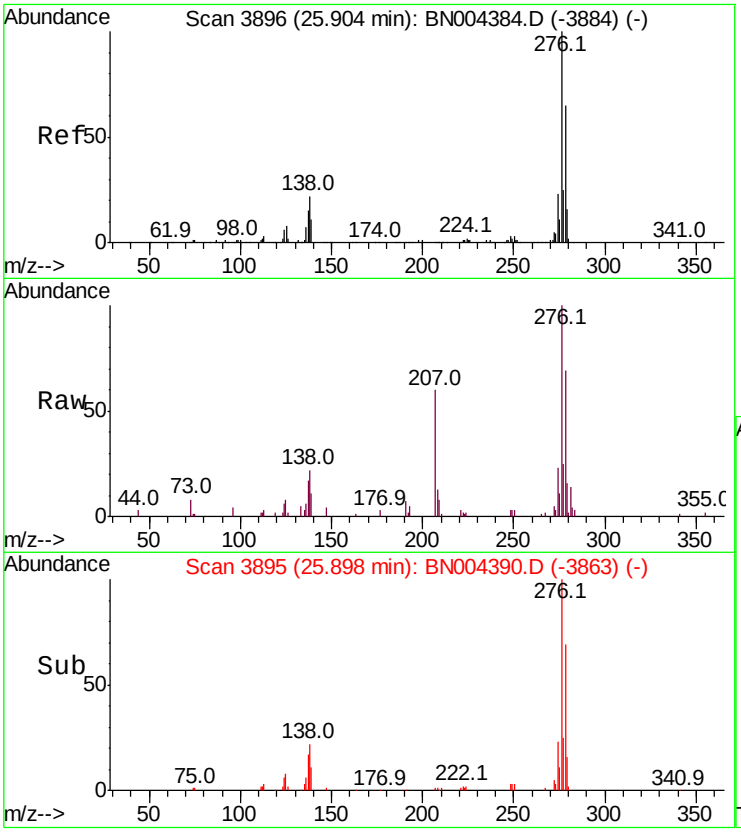


#91
Benzo(a)pyrene
Concen: 3.491 ng/ul
RT: 23.50 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:252 Resp: 63387

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	9.6	8.4	12.6



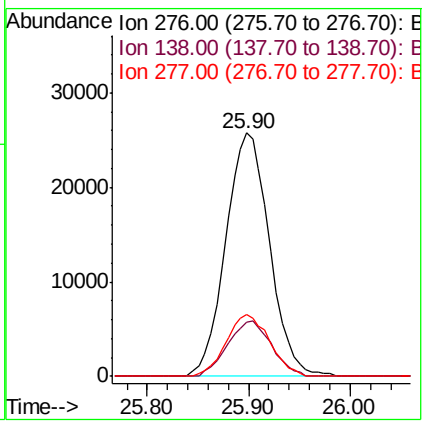


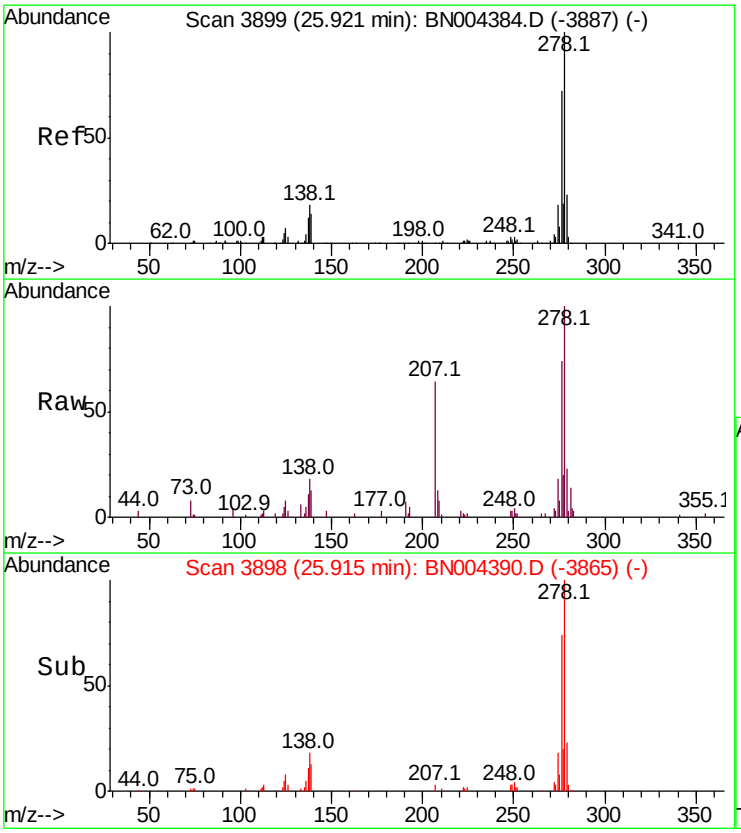
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.340 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:276 Resp: 76999

Ion	Ratio	Lower	Upper
276	100		
138	22.4	18.7	28.1
277	25.3	19.8	29.8

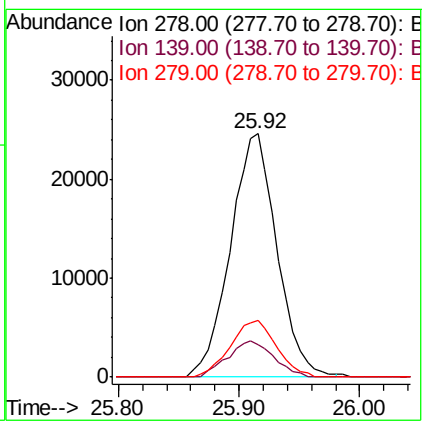


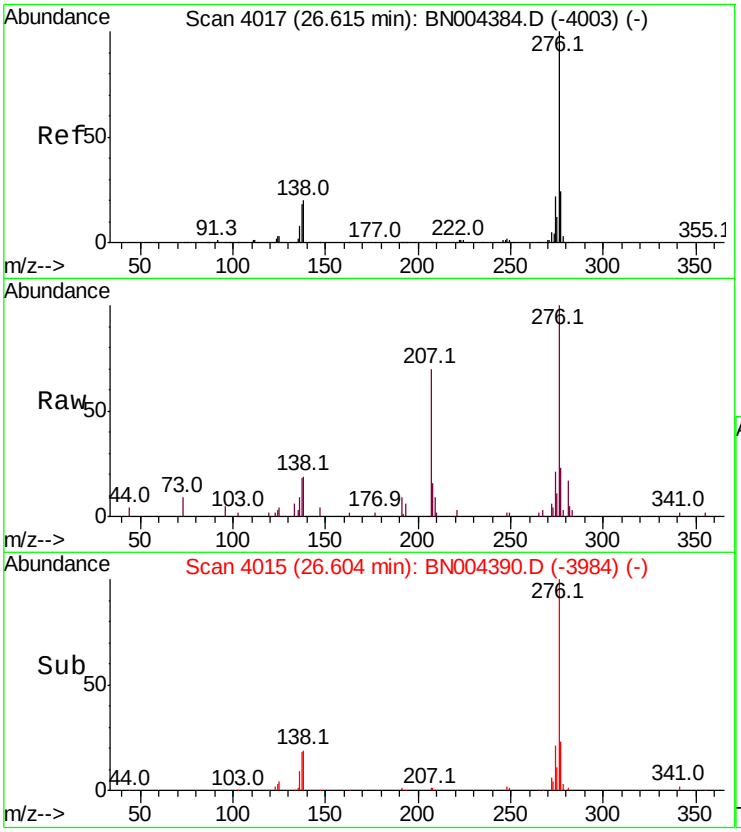


#93
Dibenzo(a,h)anthracene
Concen: 3.440 ng/ul
RT: 25.92 min Scan# 3898
Delta R.T. -0.01 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Tgt Ion:278 Resp: 65977

Ion	Ratio	Lower	Upper
278	100		
139	13.4	12.4	18.6
279	23.5	19.3	28.9





#94
Benzo(g,h,i)perylene
Concen: 3.434 ng/ul
RT: 26.60 min Scan# 4015
Delta R.T. -0.02 min
Lab File: BN004390.D
Acq: 13 Feb 2019 13:30

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:276 Resp: 66352

Ion	Ratio	Lower	Upper
276	100		
138	18.7	16.7	25.1
277	23.1	19.0	28.6