Quantitation Report (QT Reviewed)

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						Qvalue
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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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)
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) Pyrene	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(g,h,i)perylene	26.60	276	72544	3.993 ng/ul	98

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

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
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Sample : MDL-W-04
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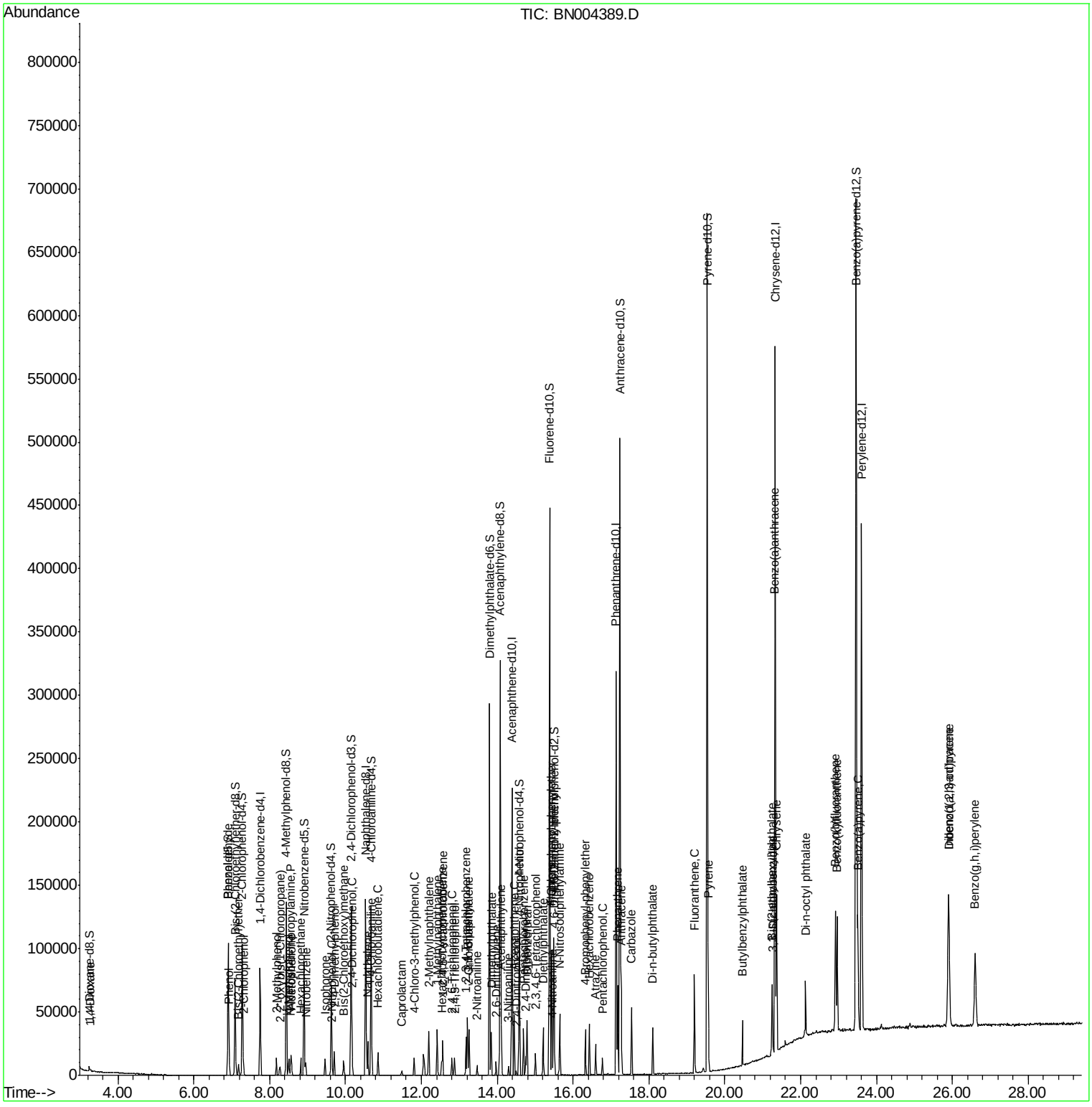
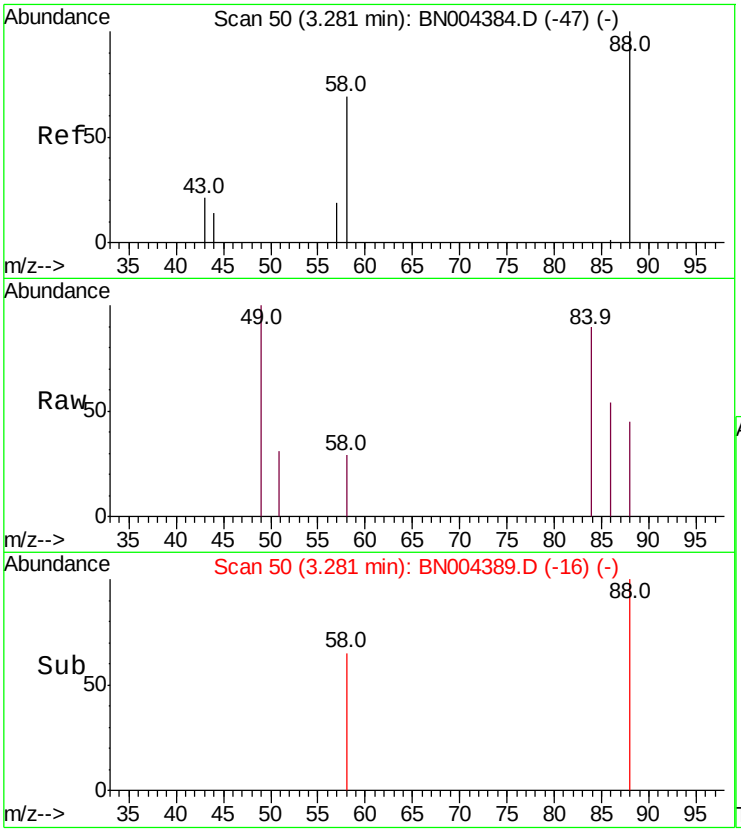
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 09 05:34:31 2019
Response via : Initial Calibration



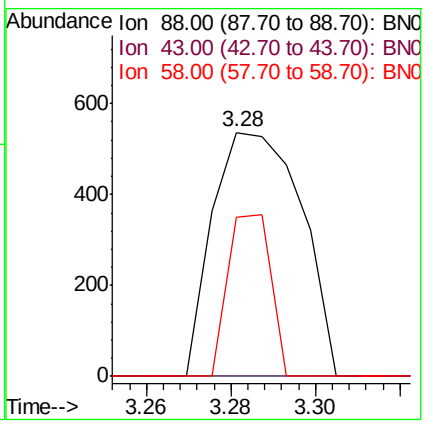


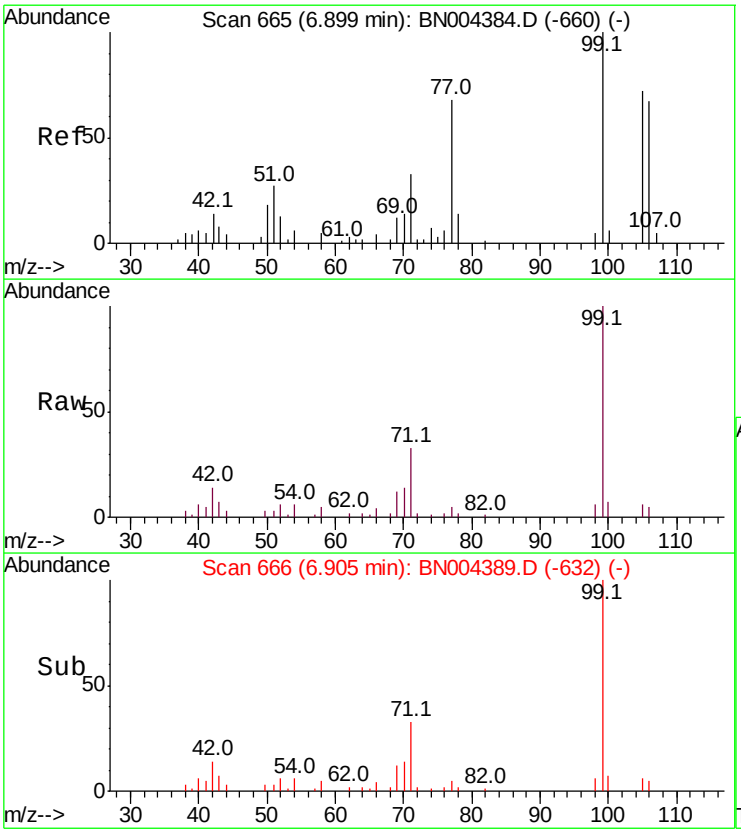
#2
1,4-Dioxane
Concen: 1.508 ng/uL
RT: 3.28 min Scan# 50
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion: 88 Resp: 783

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.6	38.4#
58	65.1	54.6	82.0

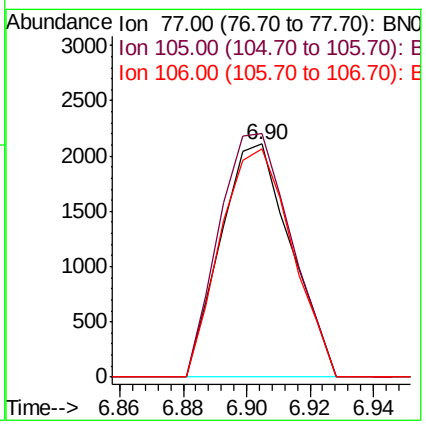


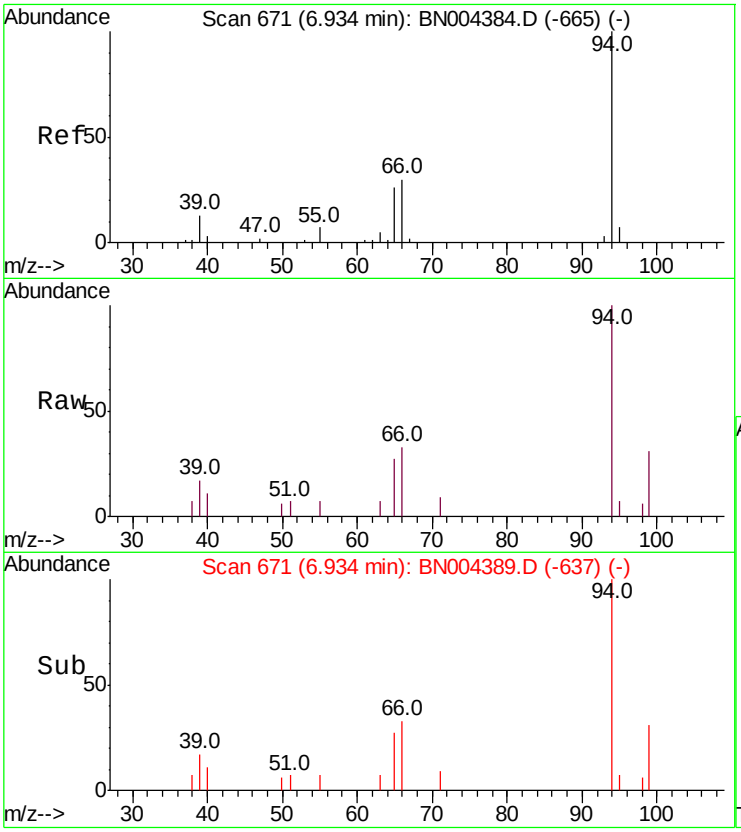


#4
Benzaldehyde
Concen: 2.493 ng/ul
RT: 6.90 min Scan# 666
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



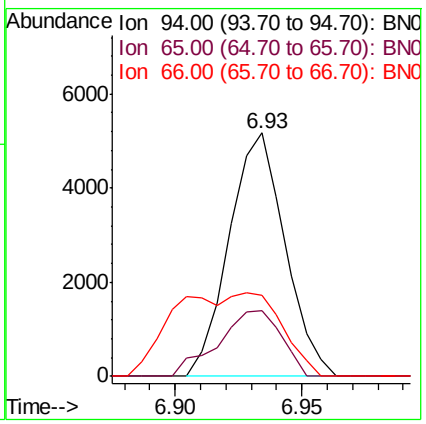


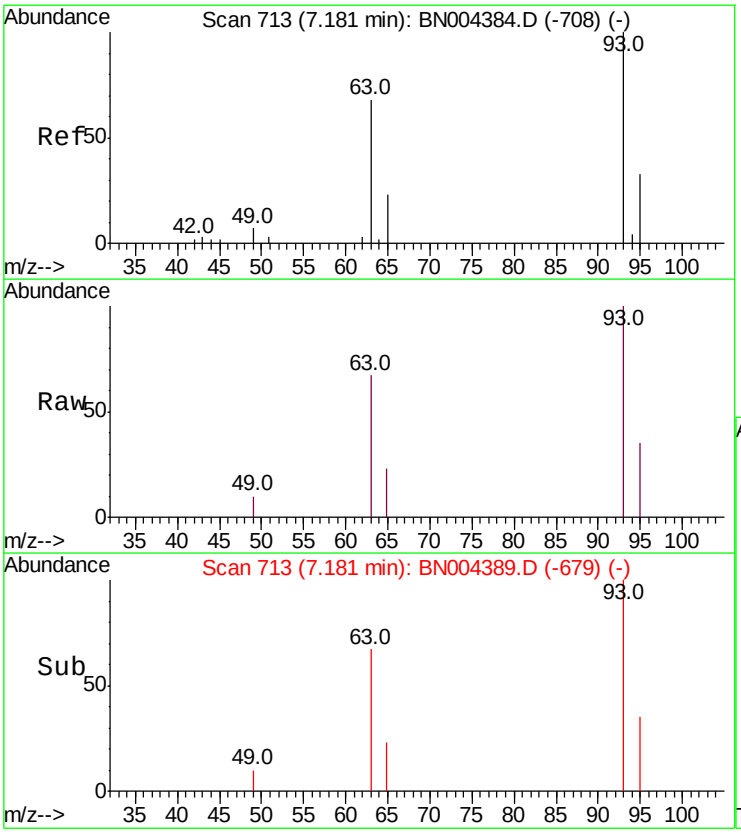
#6
Phenol
Concen: 3.504 ng/ul
RT: 6.93 min Scan# 671
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion: 94 Resp: 7910

Ion	Ratio	Lower	Upper
94	100		
65	26.9	20.2	30.4
66	33.4	28.2	42.2

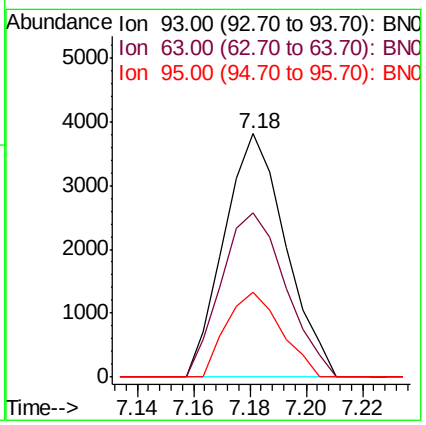


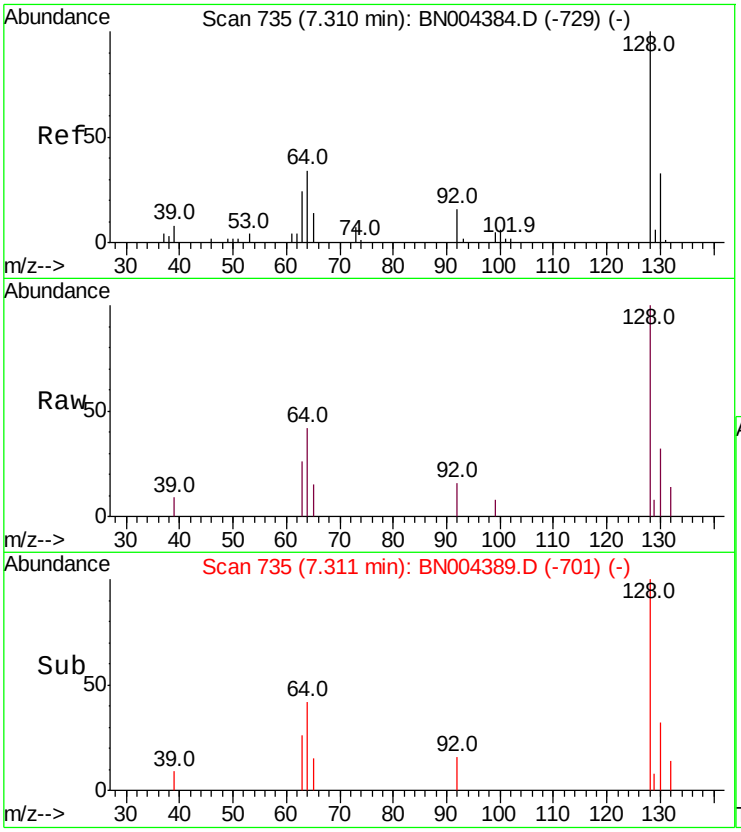


#8
Bis(2-Chloroethyl)ether
Concen: 3.572 ng/ul
RT: 7.18 min Scan# 713
Delta R.T. 0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



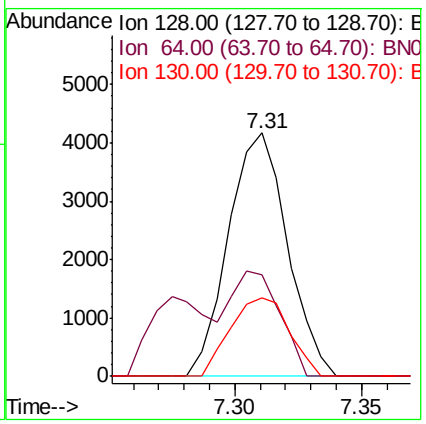


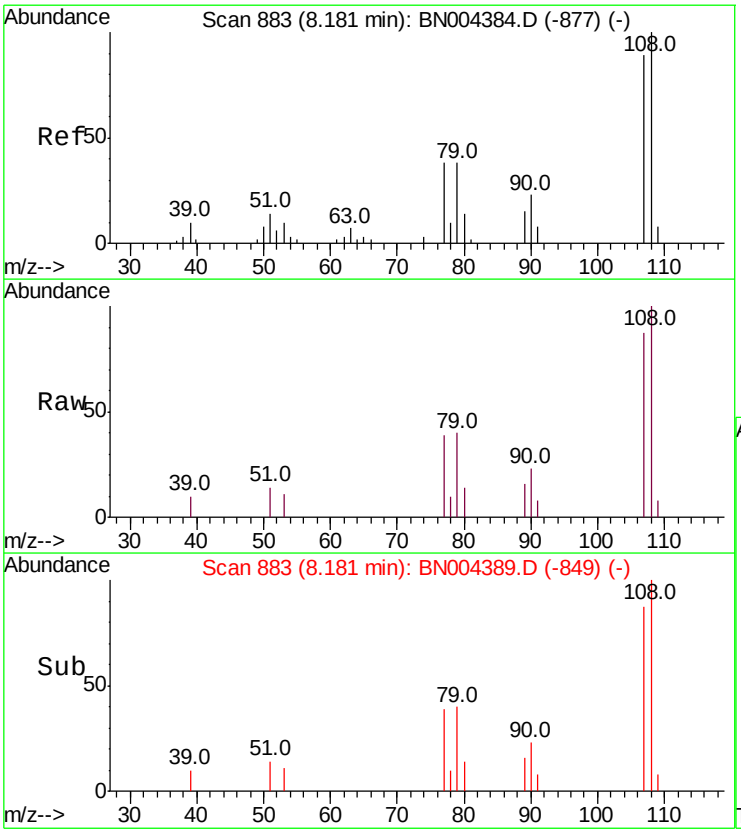
#10
2-Chlorophenol
Concen: 3.685 ng/ul
RT: 7.31 min Scan# 735
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:128 Resp: 6728

Ion	Ratio	Lower	Upper
128	100		
64	41.5	31.0	46.6
130	32.4	26.1	39.1

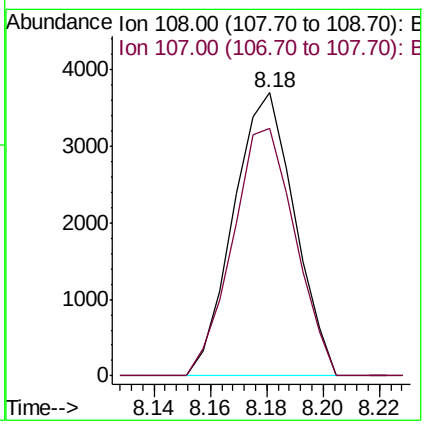


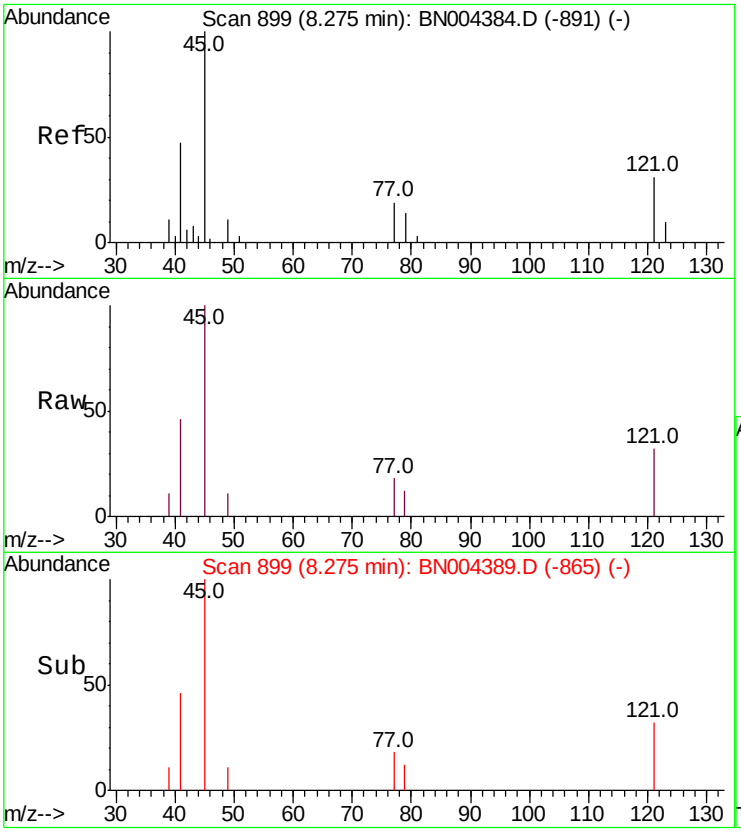


#11
2-Methylphenol
Concen: 3.080 ng/ul
RT: 8.18 min Scan# 883
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Tgt Ion:108 Resp: 5561

Ion	Ratio	Lower	Upper
108	100		
107	87.4	72.7	109.1



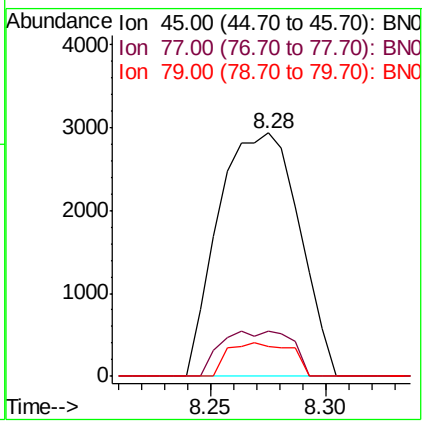


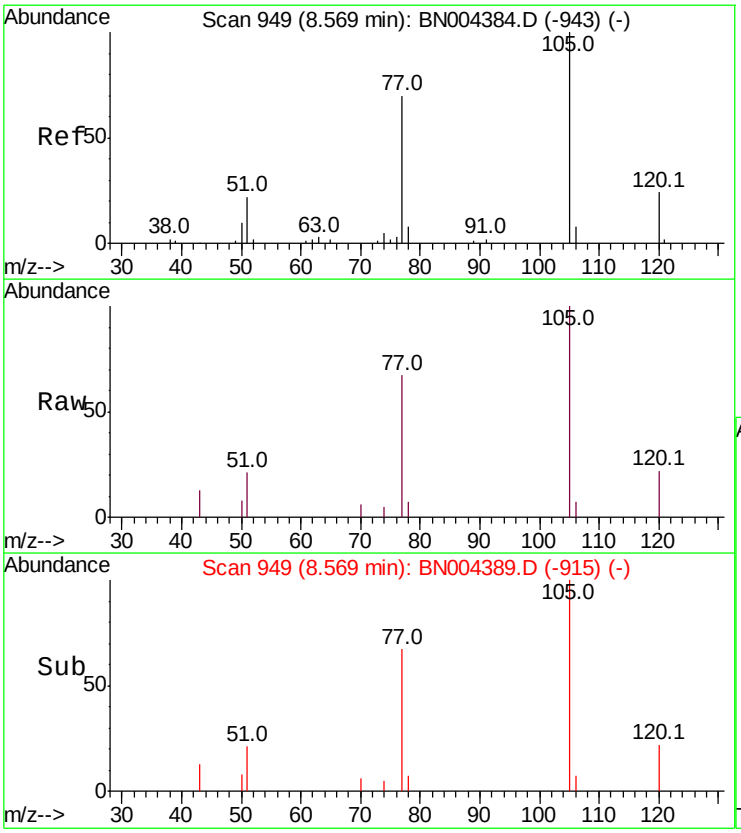
#12
2,2'-oxybis(1-Chloropropane)
Concen: 3.716 ng/ul
RT: 8.28 min Scan# 899
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion: 45 Resp: 7112

Ion	Ratio	Lower	Upper
45	100		
77	18.3	14.1	21.1
79	12.3	10.8	16.2

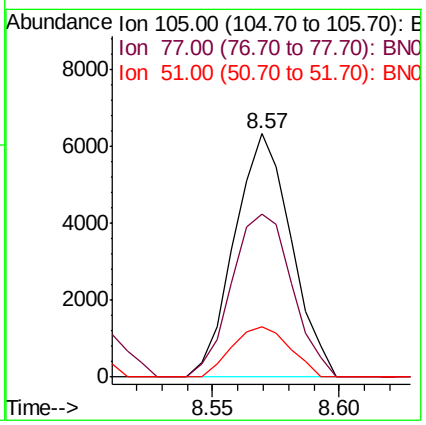


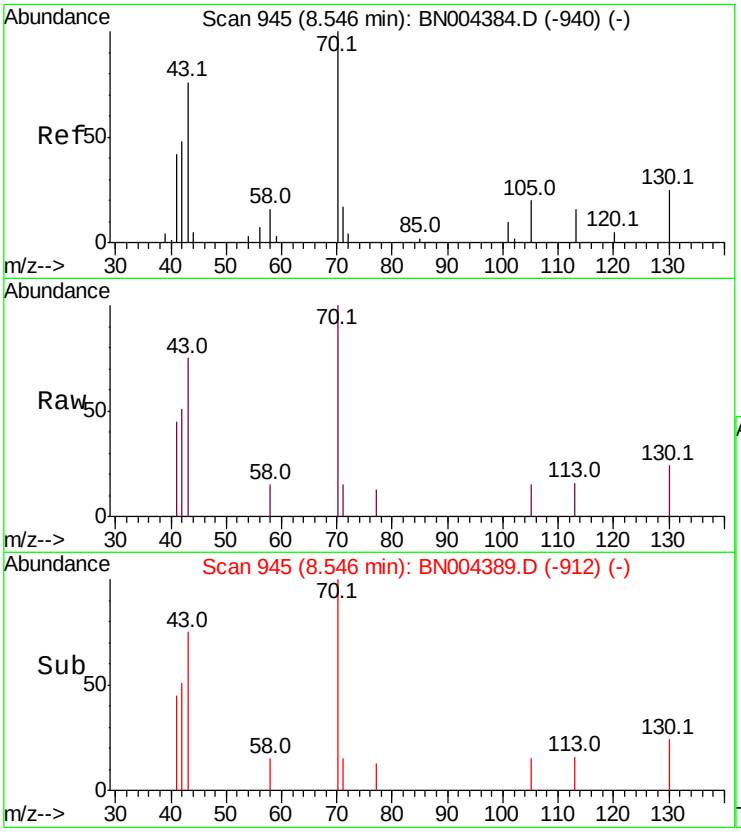


#14
Acetophenone
Concen: 3.408 ng/ul
RT: 8.57 min Scan# 949
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



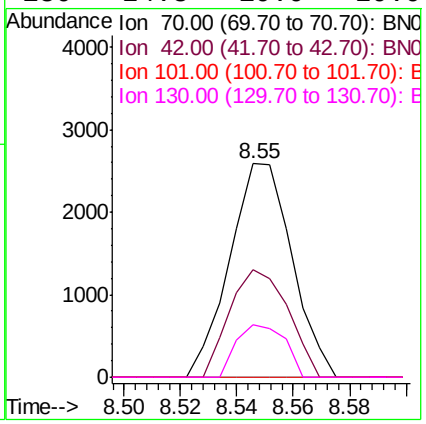


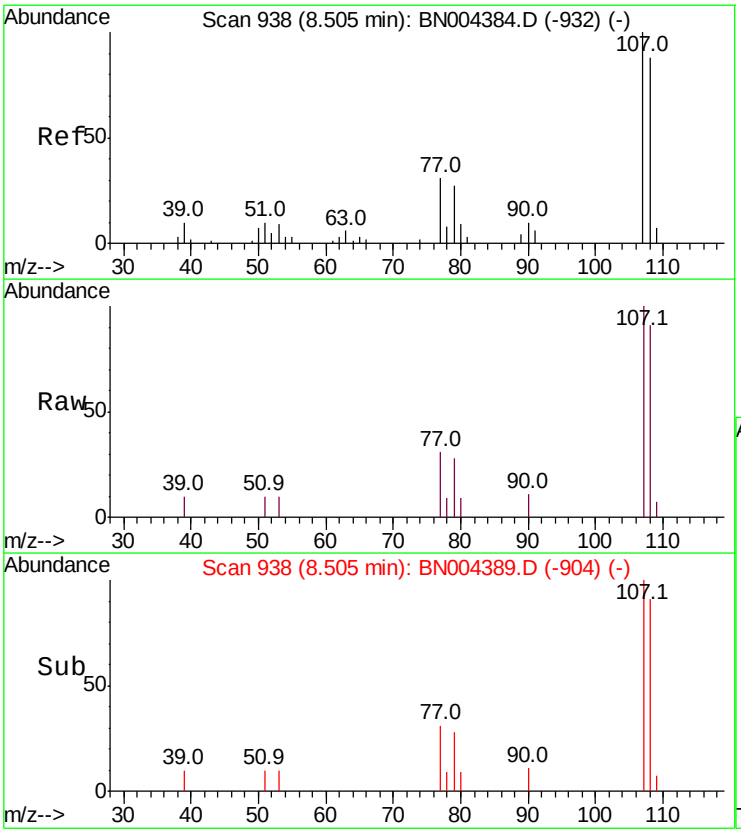
#15
N-Nitroso-di-n-propylamine
Concen: 3.190 ng/ul
RT: 8.55 min Scan# 945
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt 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

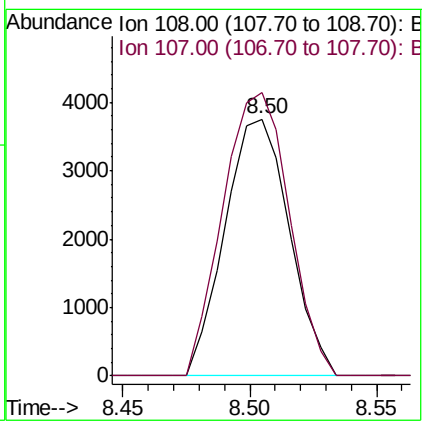


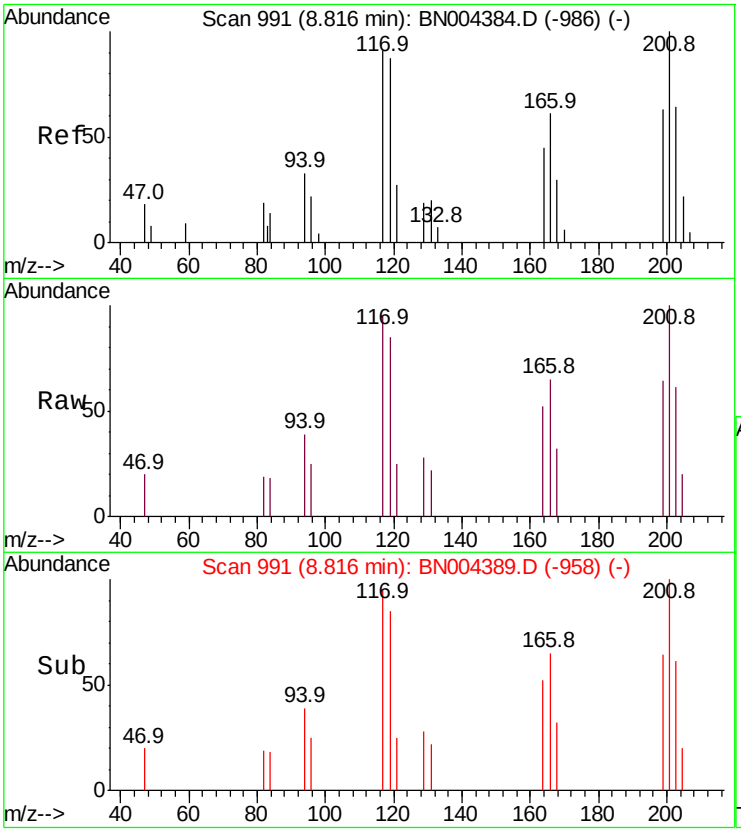


#16
4-Methylphenol
Concen: 3.334 ng/ul
RT: 8.50 min Scan# 938
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Tgt Ion:108 Resp: 6663

Ion	Ratio	Lower	Upper
108	100		
107	110.3	87.8	131.6



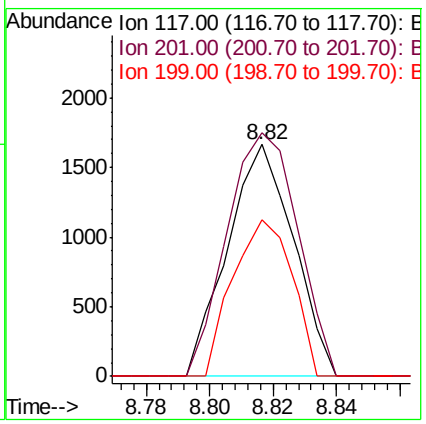


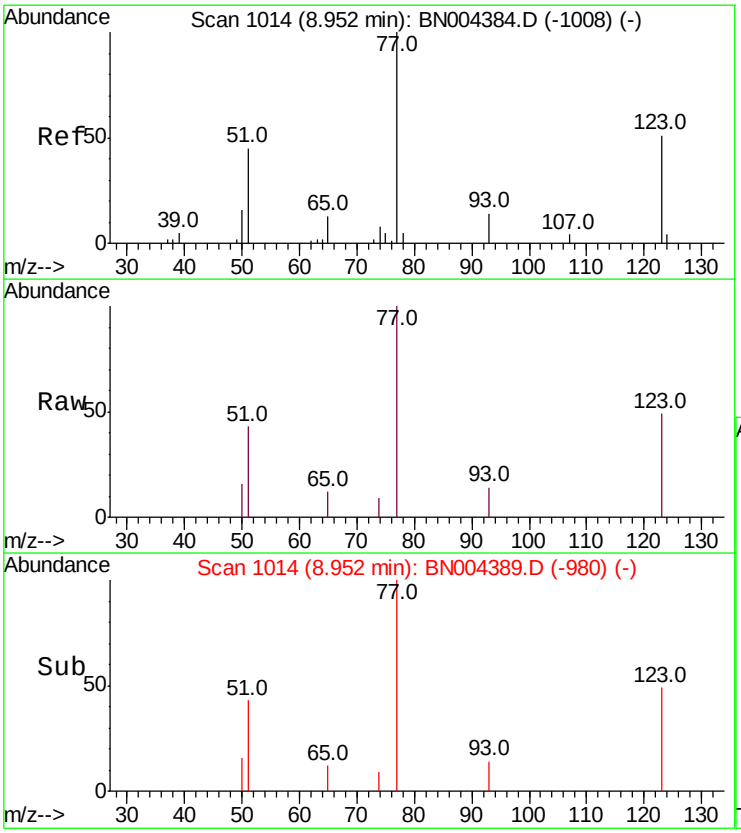
#17
Hexachloroethane
Concen: 3.761 ng/ul
RT: 8.82 min Scan# 991
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:117 Resp: 2404

Ion	Ratio	Lower	Upper
117	100		
201	105.1	85.0	127.6
199	67.7	53.8	80.8

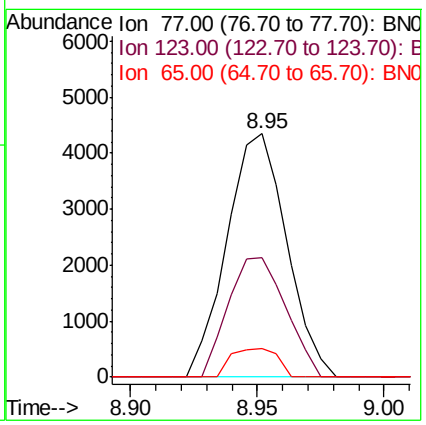


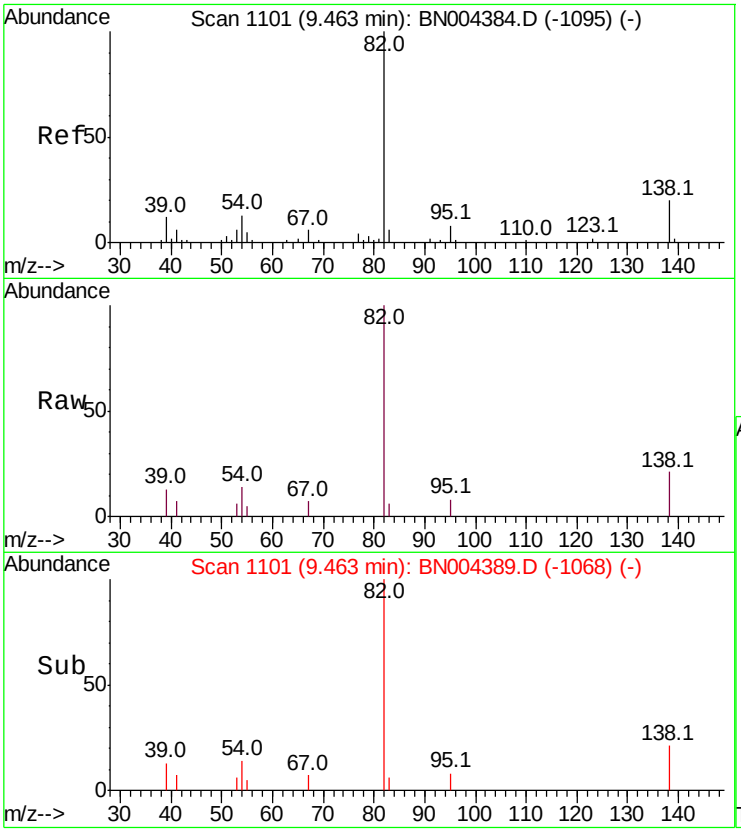


#20
Nitrobenzene
Concen: 4.078 ng/ul
RT: 8.95 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



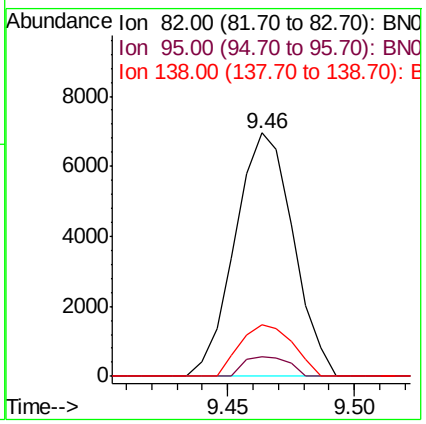


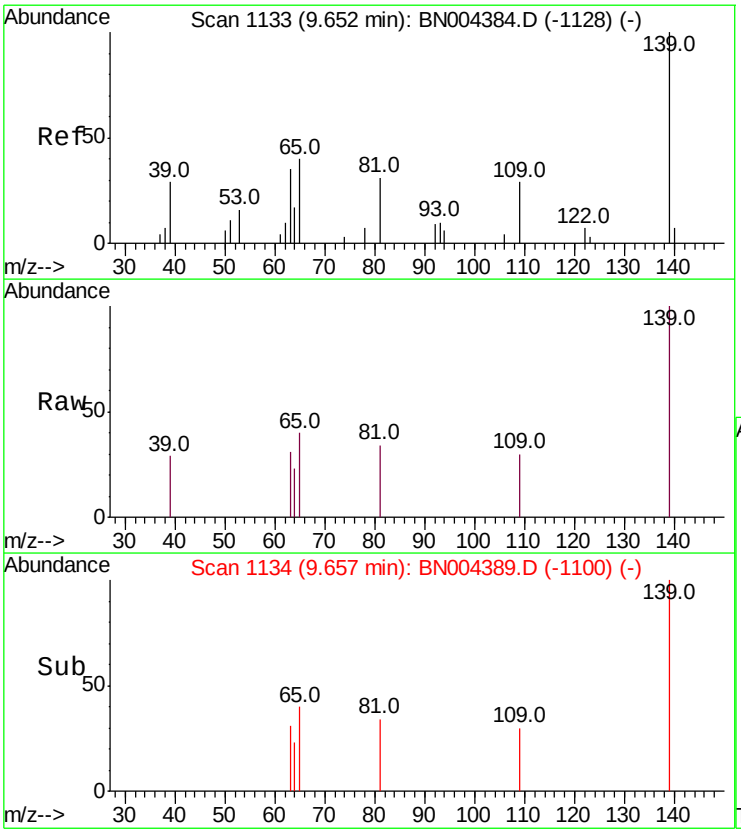
#21
Isophorone
Concen: 3.100 ng/ul
RT: 9.46 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion: 82 Resp: 11129

Ion	Ratio	Lower	Upper
82	100		
95	8.3	6.2	9.4
138	21.3	16.5	24.7

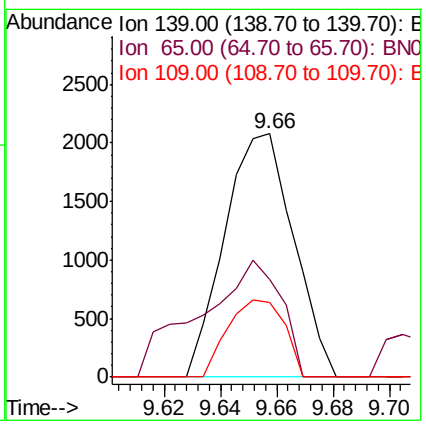


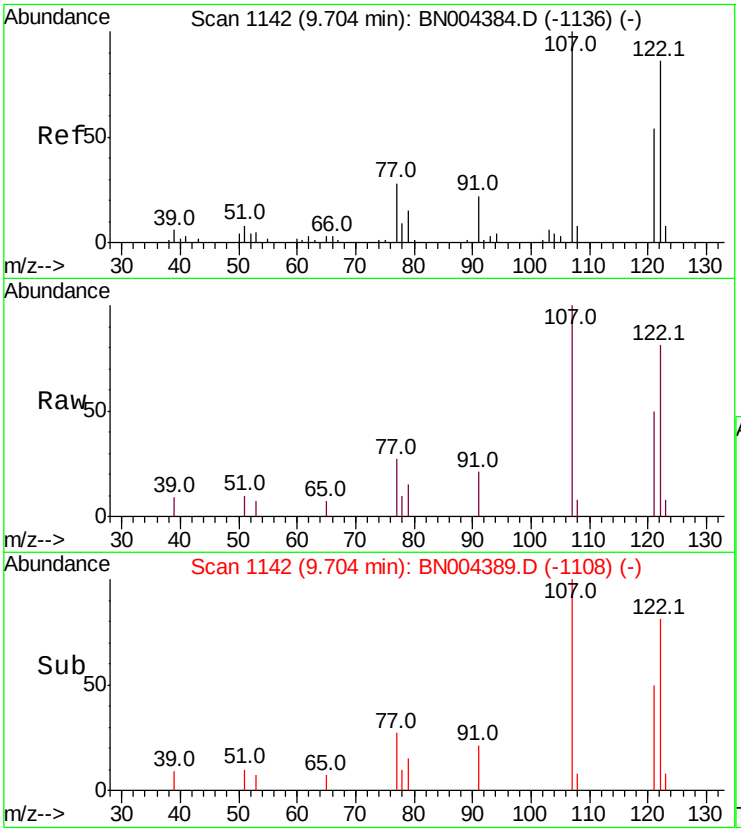


#23
2-Nitrophenol
Concen: 3.754 ng/ul
RT: 9.66 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



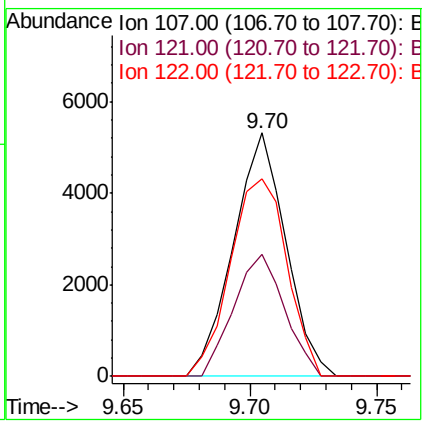


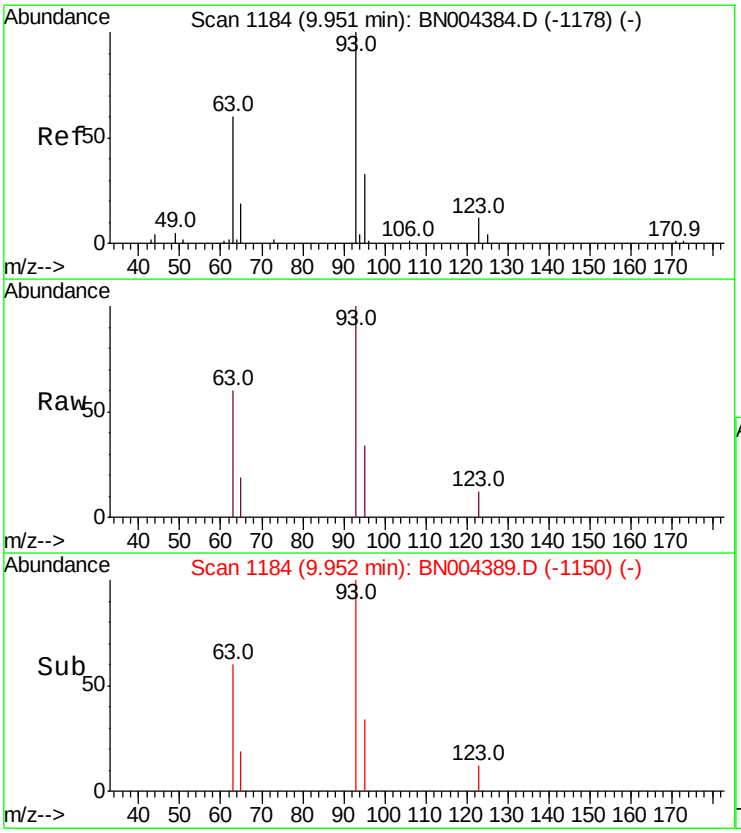
#24
2,4-Dimethylphenol
Concen: 3.618 ng/ul
RT: 9.70 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:107 Resp: 7655

Ion	Ratio	Lower	Upper
107	100		
121	50.1	41.5	62.3
122	81.1	69.0	103.4

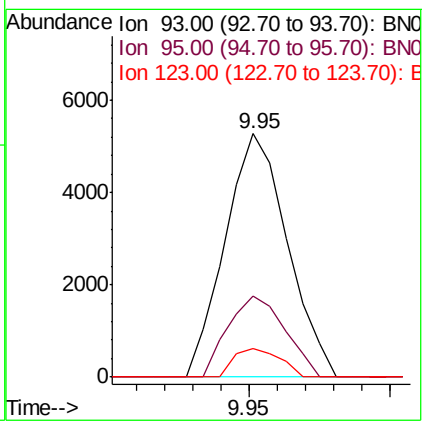


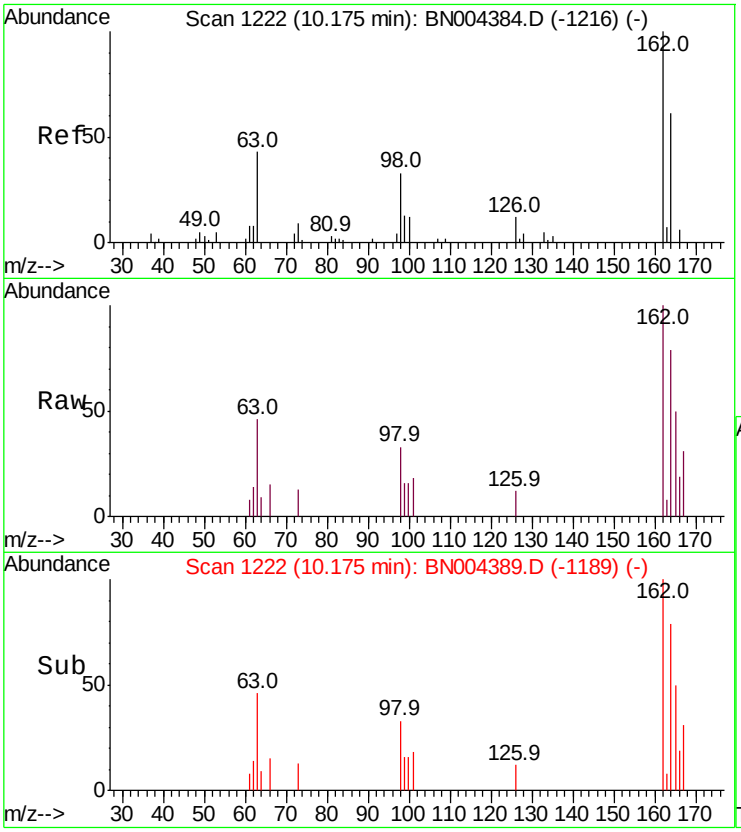


#25
Bis(2-Chloroethoxy)methane
Concen: 3.468 ng/ul
RT: 9.95 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



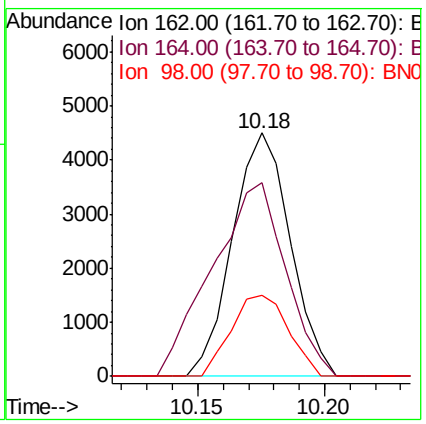


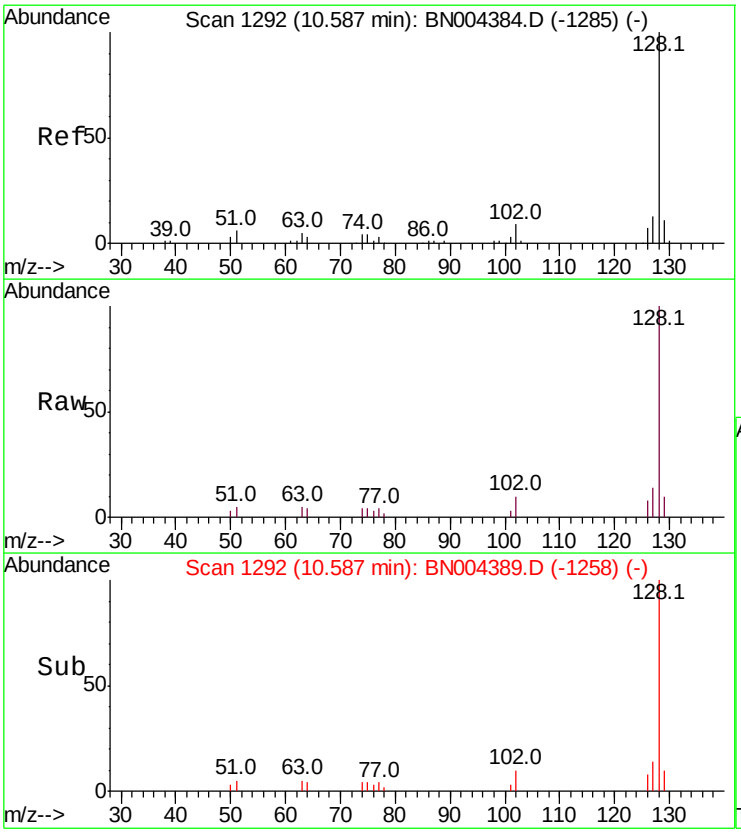
#27
2,4-Dichlorophenol
Concen: 3.822 ng/ul
RT: 10.18 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:162 Resp: 7154

Ion	Ratio	Lower	Upper
162	100		
164	79.3	53.0	79.4
98	33.5	27.0	40.4

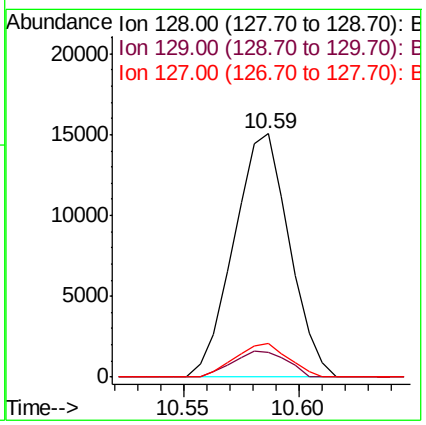


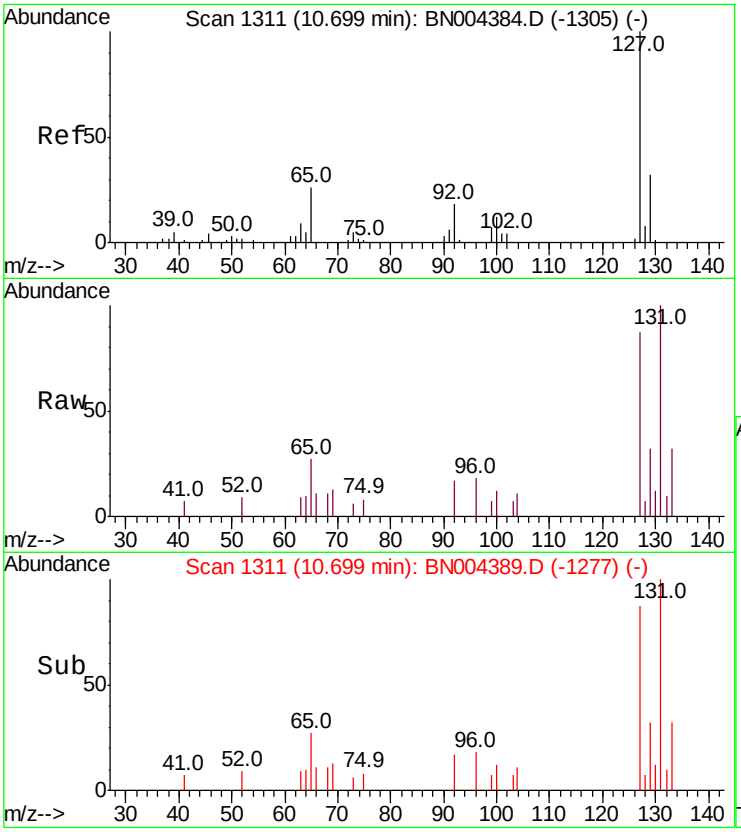


#28
Naphthalene
Concen: 4.039 ng/ul
RT: 10.59 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



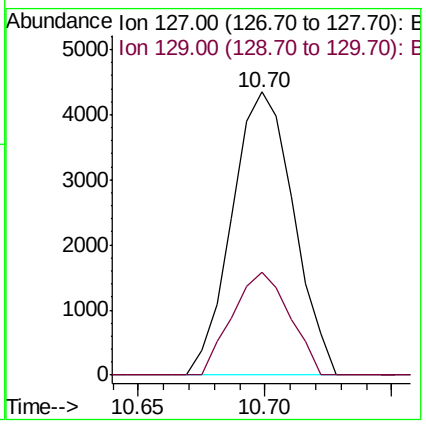


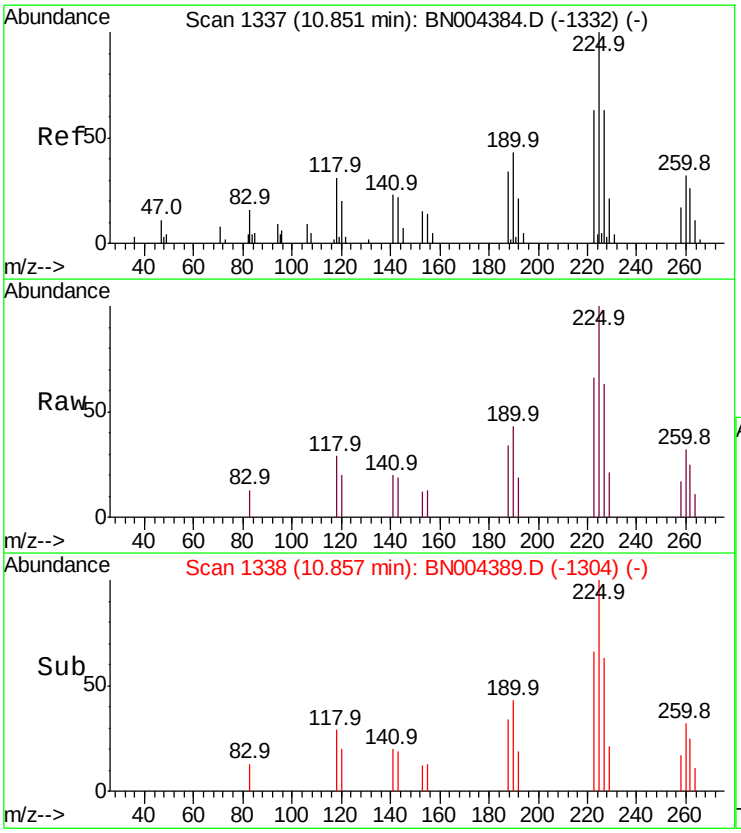
#30
4-Chloroaniline
Concen: 3.511 ng/ul
RT: 10.70 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:127 Resp: 7368

Ion	Ratio	Lower	Upper
127	100		
129	36.5	26.1	39.1

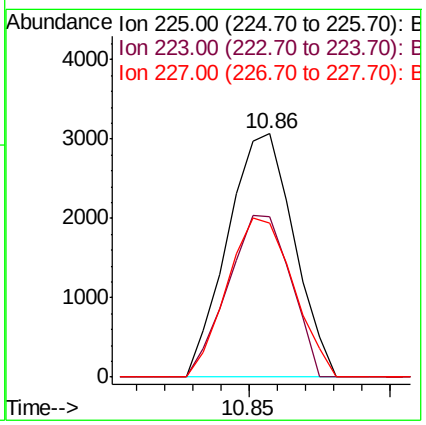


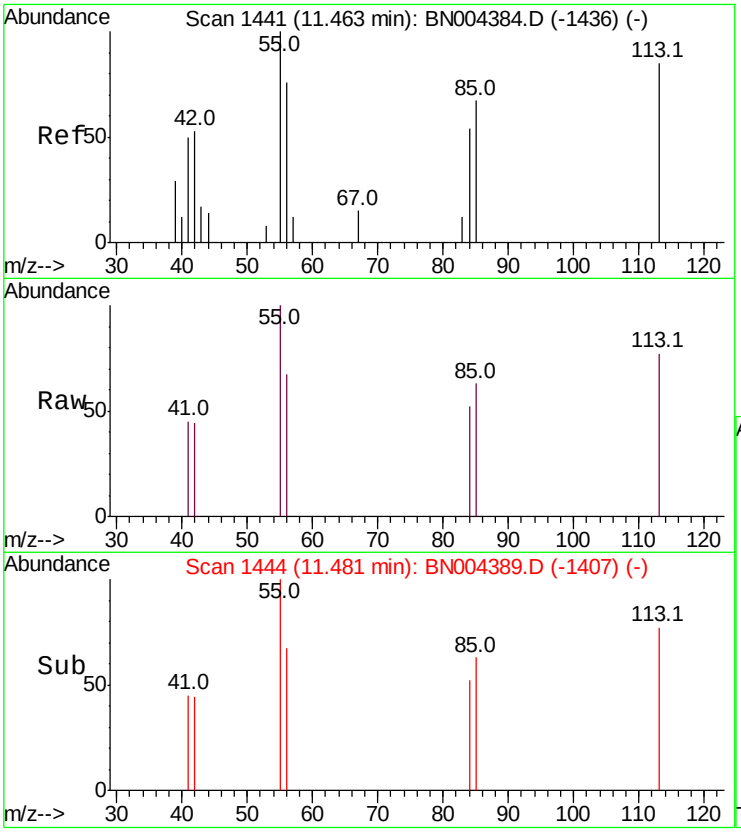


#31
Hexachlorobutadiene
Concen: 4.134 ng/ul
RT: 10.86 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



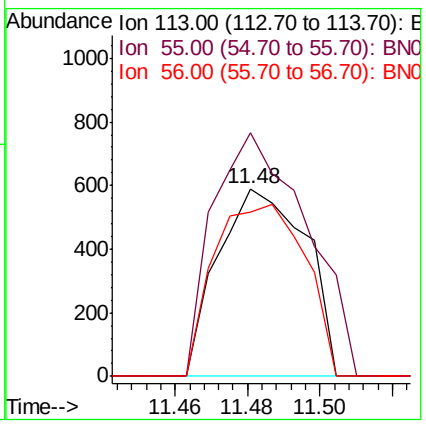


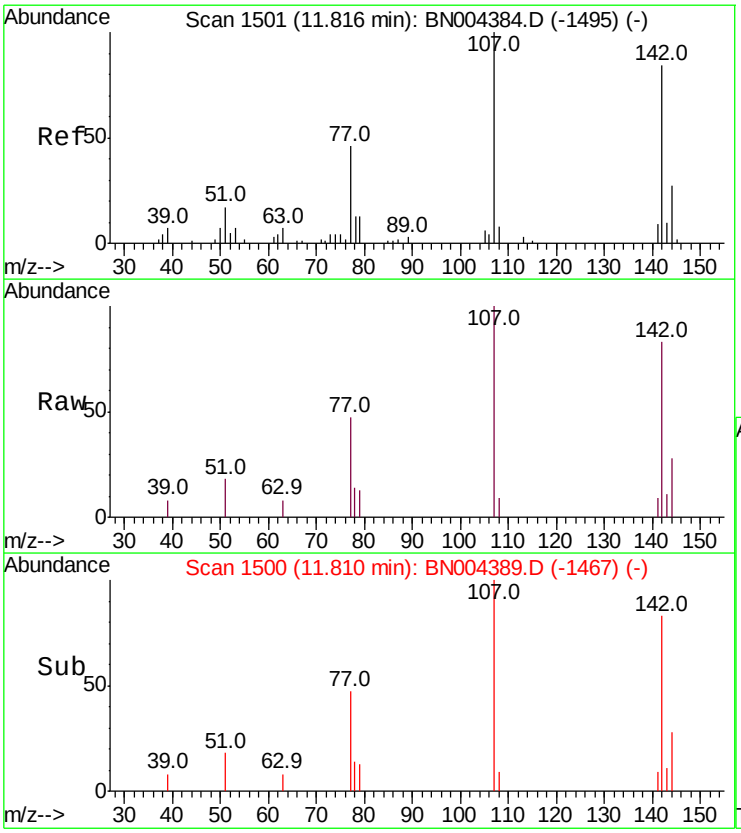
#32
Caprolactam
Concen: 1.568 ng/ul
RT: 11.48 min Scan# 1444
Delta R.T. 0.02 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:113 Resp: 991

Ion	Ratio	Lower	Upper
113	100		
55	130.1	100.7	151.1
56	87.6	76.1	114.1

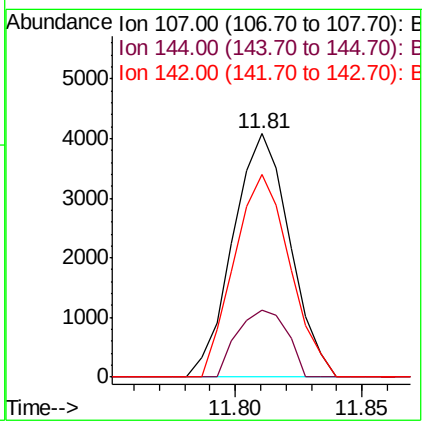


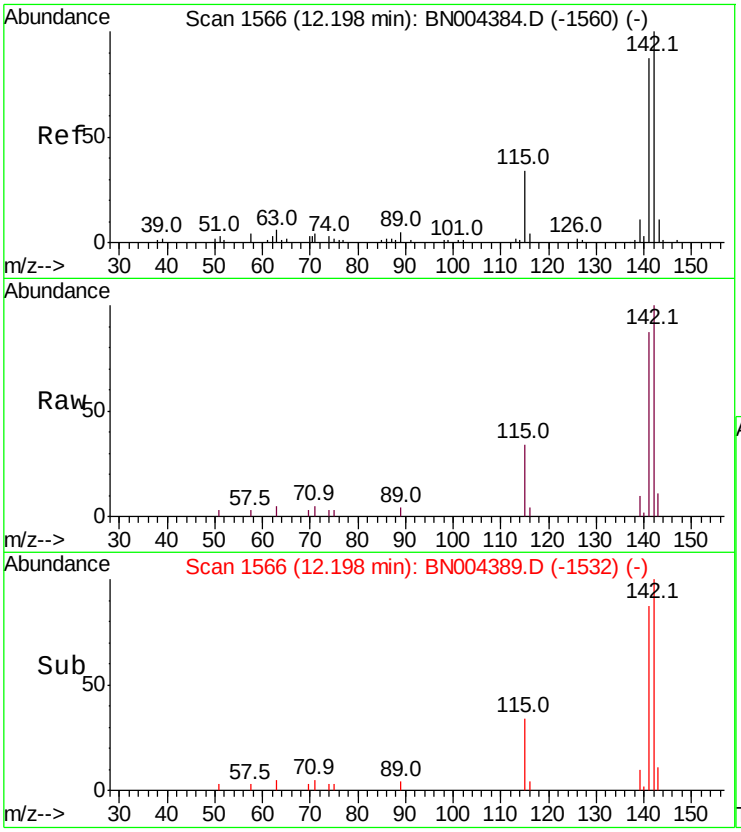


#33
4-Chloro-3-methylphenol
Concen: 3.168 ng/ul
RT: 11.81 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



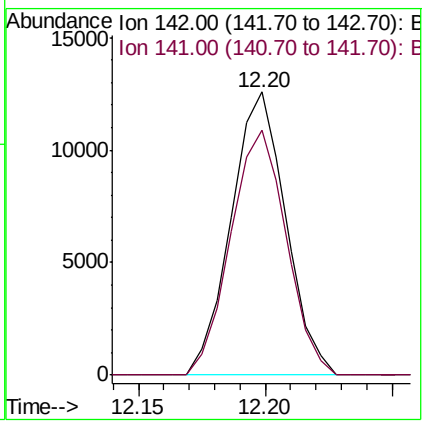


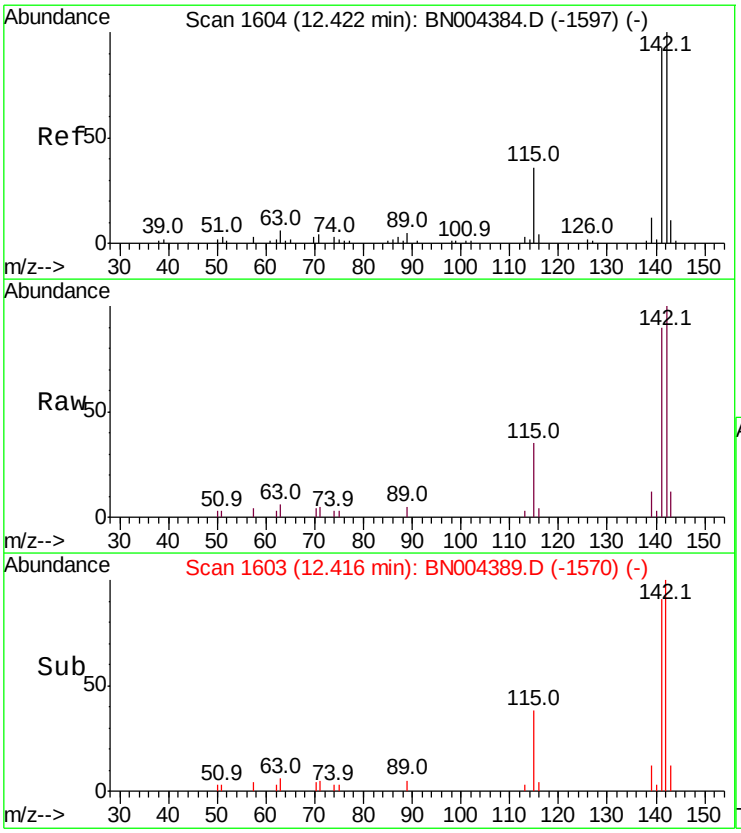
#34
2-Methylnaphthalene
Concen: 3.943 ng/ul
RT: 12.20 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:142 Resp: 18869

Ion	Ratio	Lower	Upper
142	100		
141	86.7	71.0	106.6

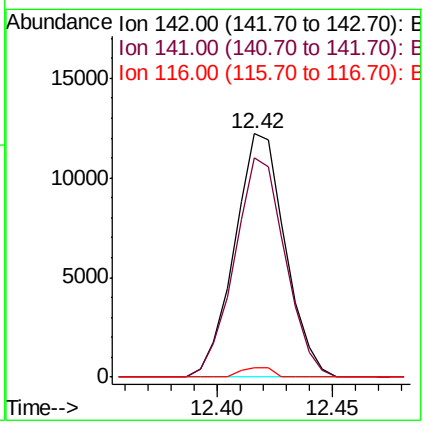


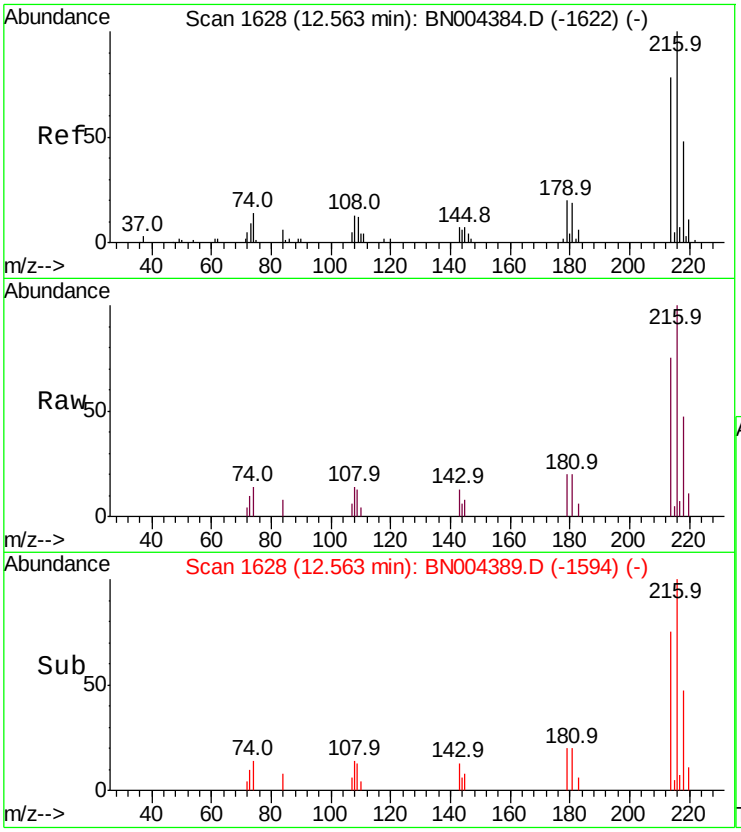


#35
1-Methylnaphthalene
Concen: 3.963 ng/ul
RT: 12.42 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



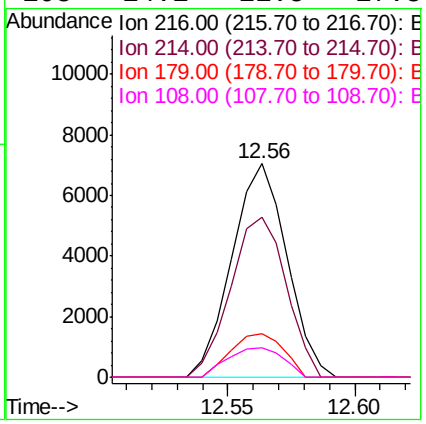


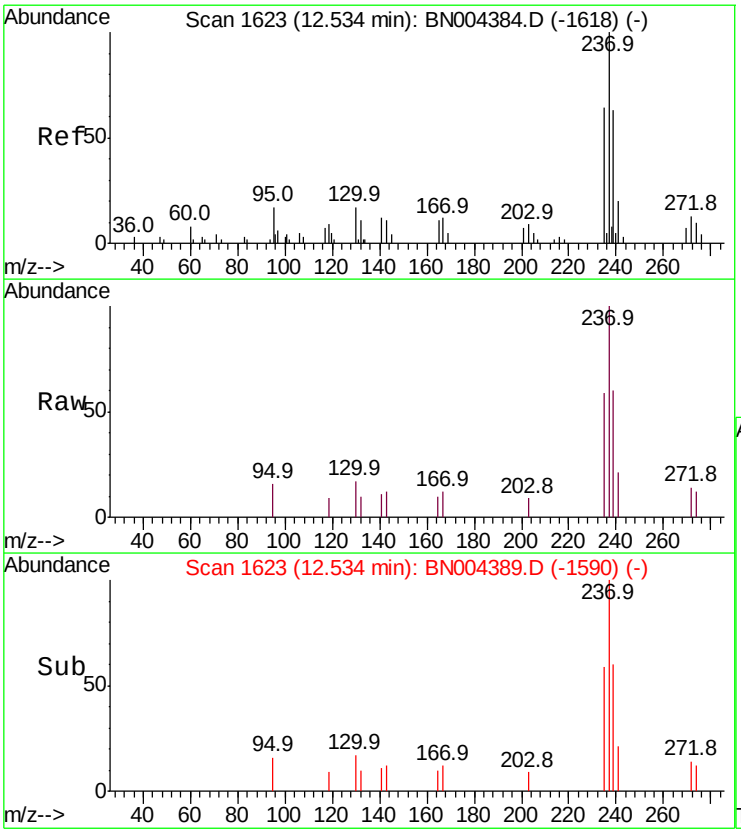
#37
1,2,4,5-Tetrachlorobenzene
Concen: 4.130 ng/ul
RT: 12.56 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt 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

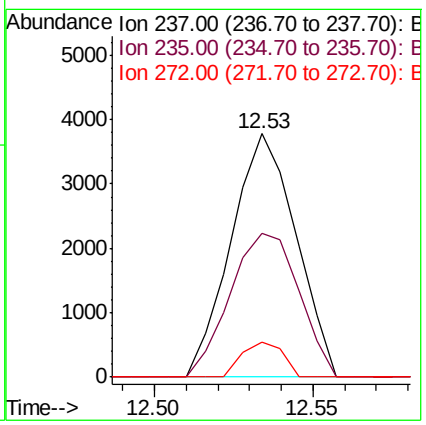


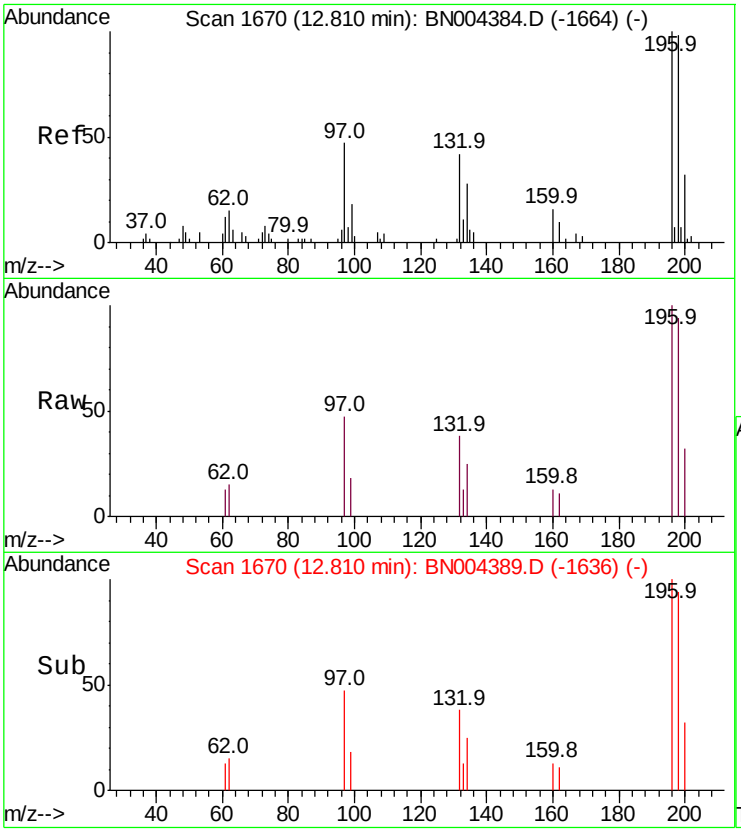


#38
Hexachlorocyclopentadiene
Concen: 3.351 ng/ul
RT: 12.53 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



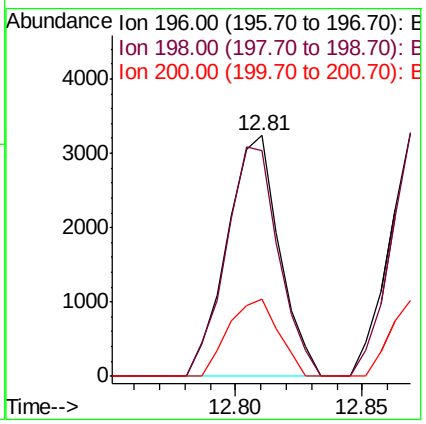


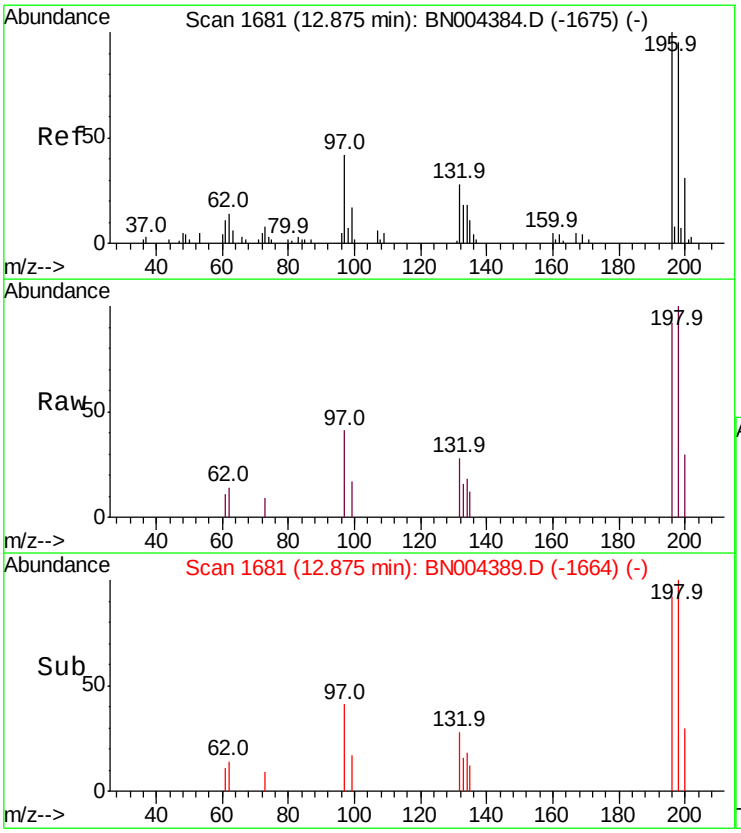
#39
2,4,6-Trichlorophenol
Concen: 3.059 ng/ul
RT: 12.81 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:196 Resp: 4659

Ion	Ratio	Lower	Upper
196	100		
198	93.9	76.6	115.0
200	31.9	24.5	36.7

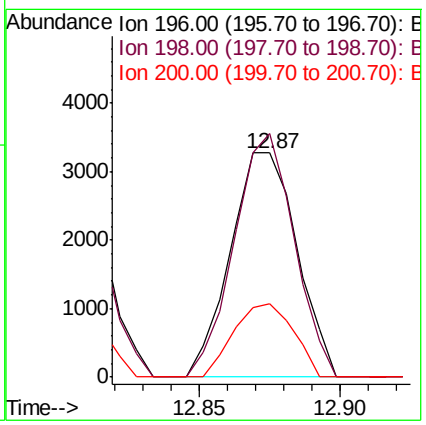


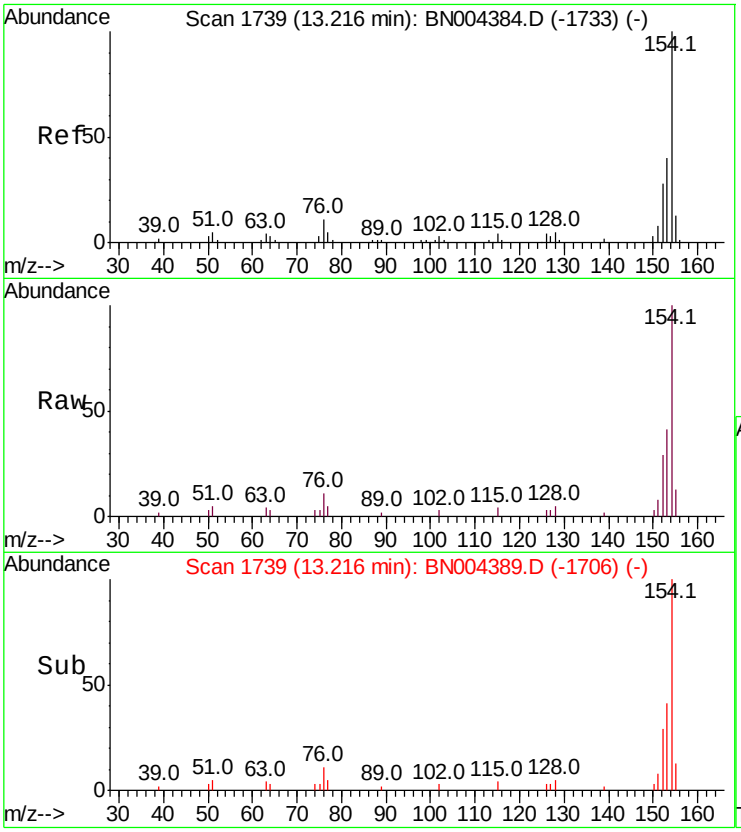


#40
2,4,5-Trichlorophenol
Concen: 3.133 ng/ul
RT: 12.87 min Scan# 1681
Delta R.T. 0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



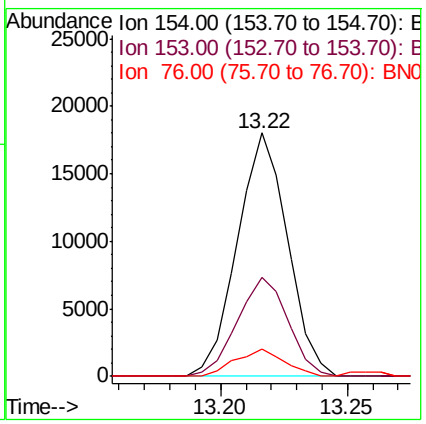


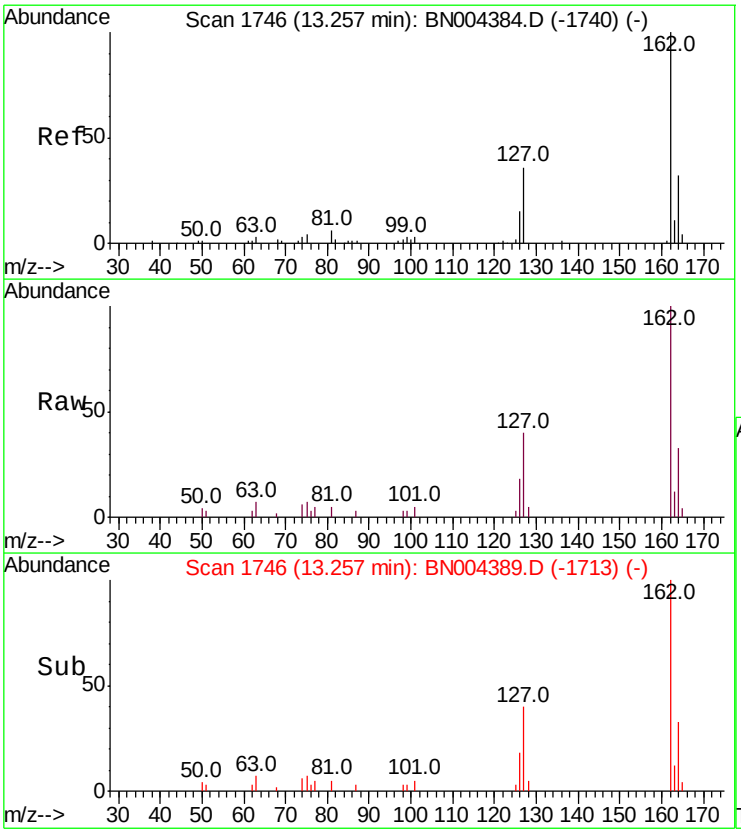
#41
1,1'-Biphenyl
Concen: 3.978 ng/ul
RT: 13.22 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:154 Resp: 24885

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

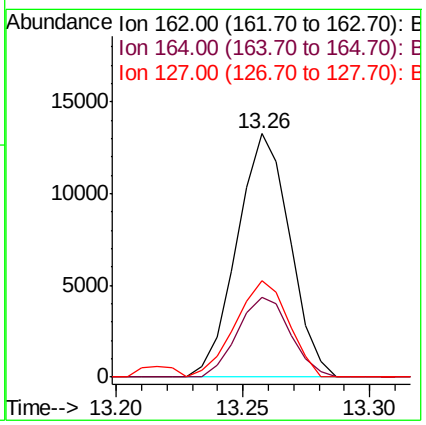


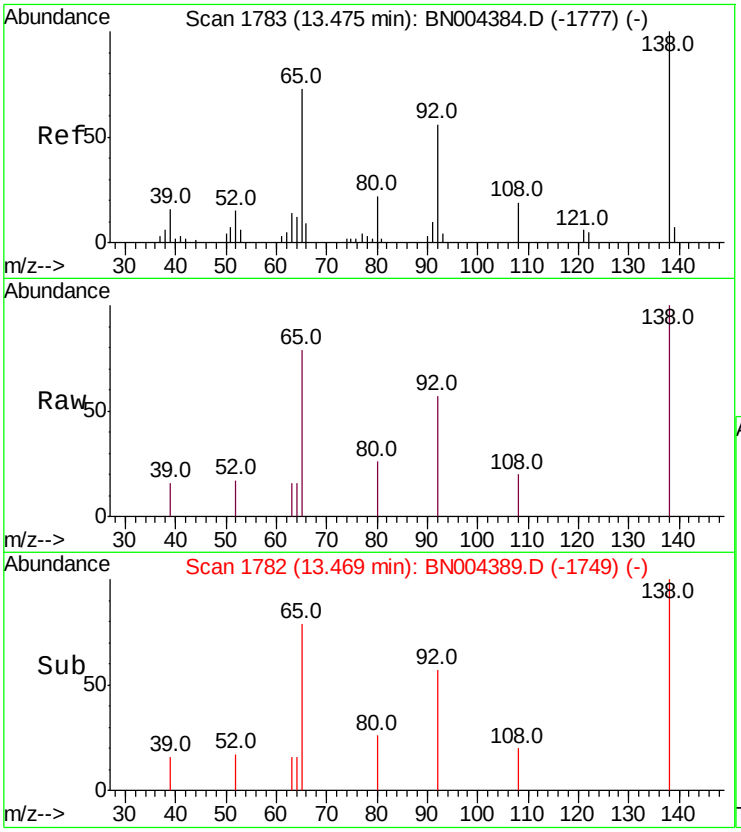


#42
2-Chloronaphthalene
Concen: 3.974 ng/ul
RT: 13.26 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Tgt Ion:162 Resp: 19335

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



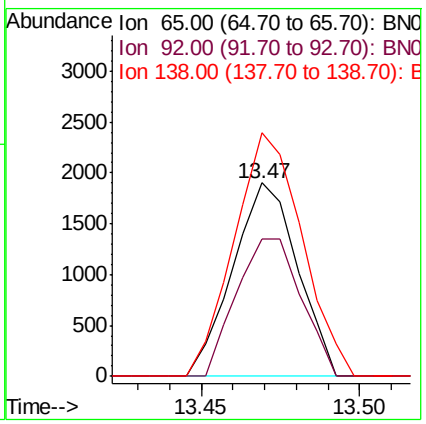


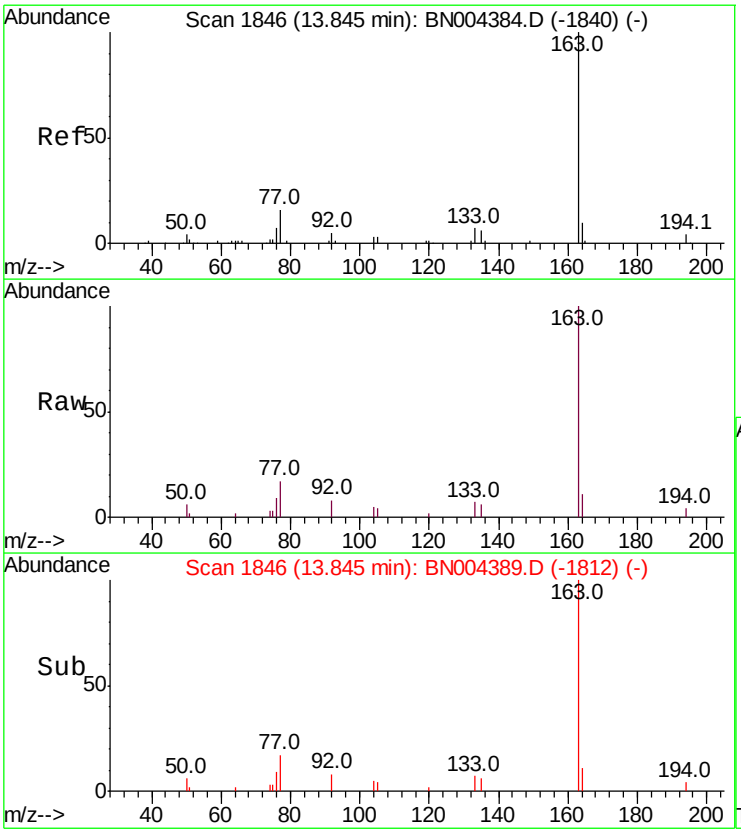
#43
2-Nitroaniline
Concen: 2.710 ng/ul
RT: 13.47 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion: 65 Resp: 2692

Ion	Ratio	Lower	Upper
65	100		
92	71.4	62.1	93.1
138	125.9	105.0	157.6

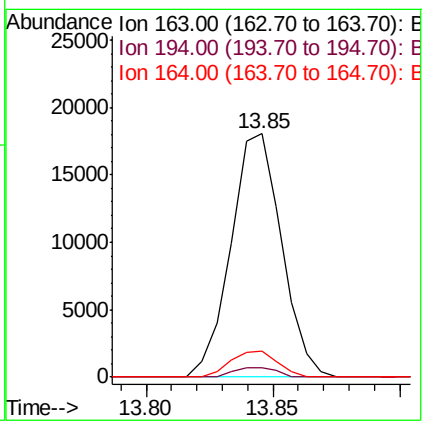


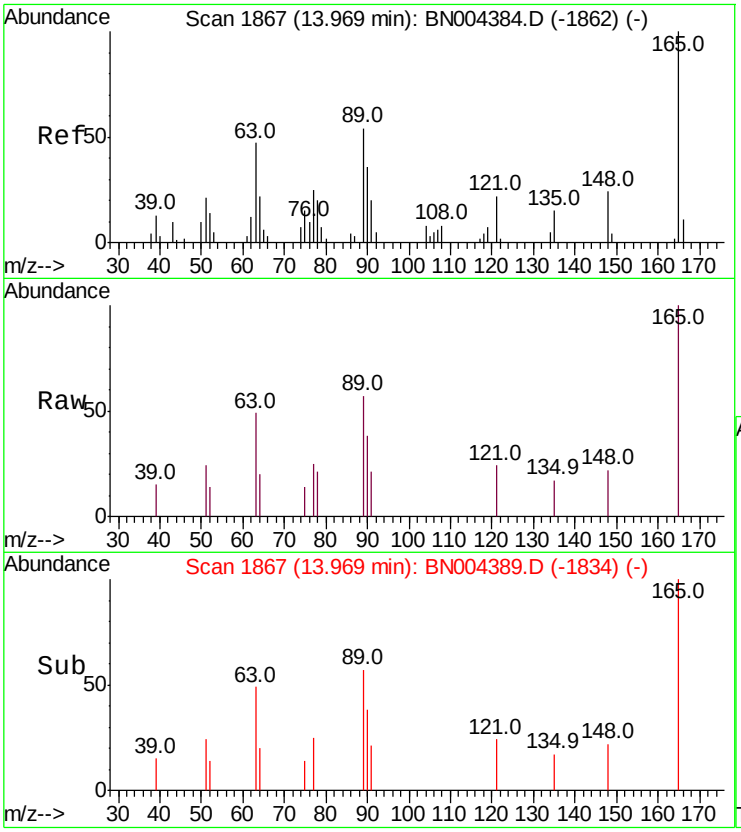


#45
Dimethylphthalate
Concen: 3.861 ng/ul
RT: 13.85 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



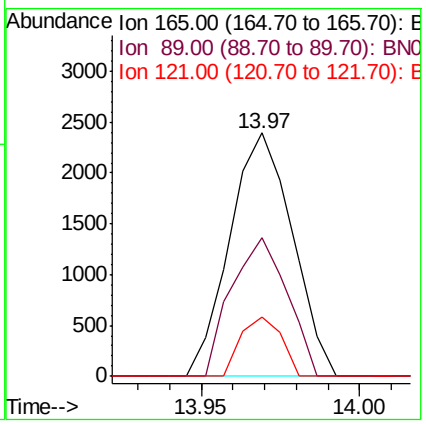


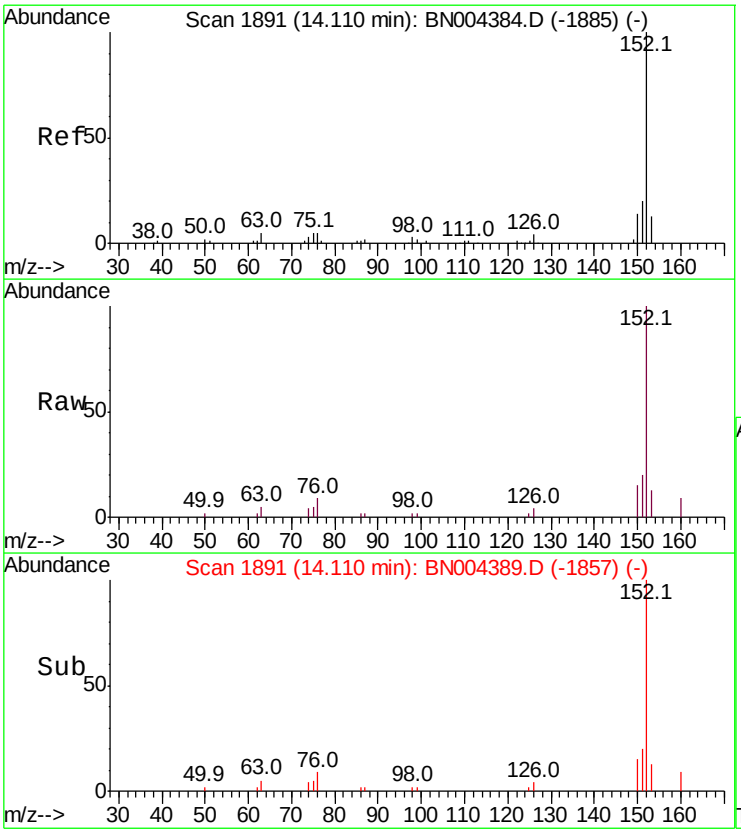
#46
2,6-Dinitrotoluene
Concen: 2.868 ng/ul
RT: 13.97 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:165 Resp: 3282

Ion	Ratio	Lower	Upper
165	100		
89	57.2	42.0	63.0
121	24.3	17.0	25.6

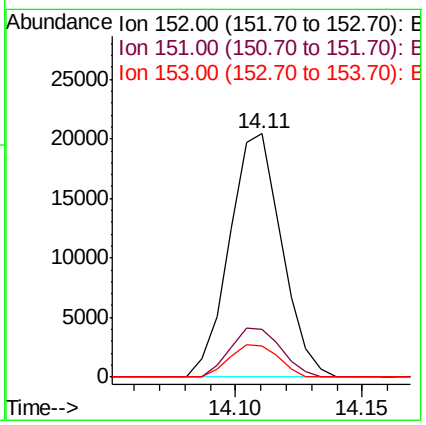


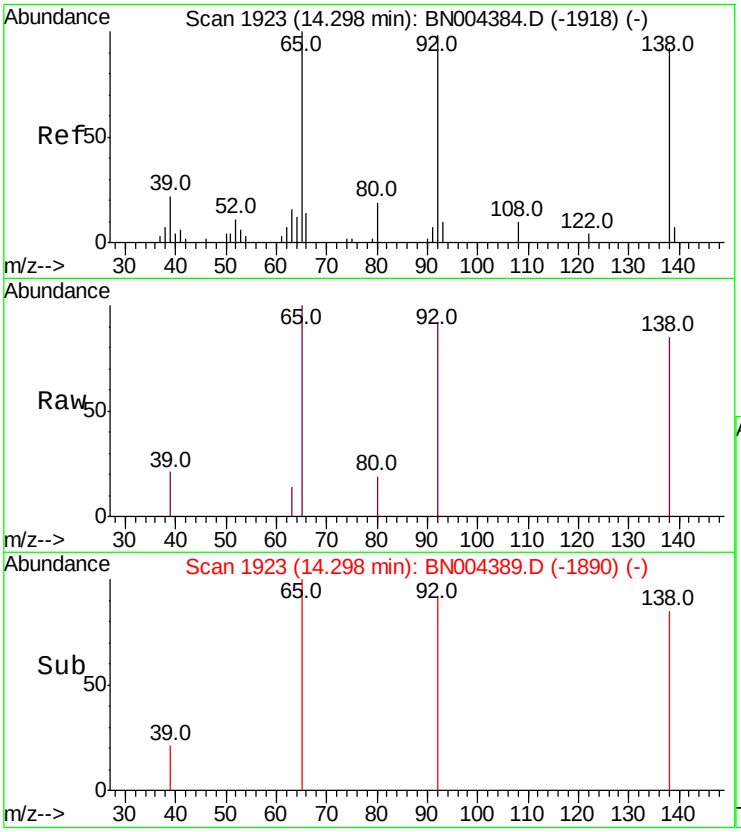


#48
Acenaphthylene
Concen: 3.965 ng/ul
RT: 14.11 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



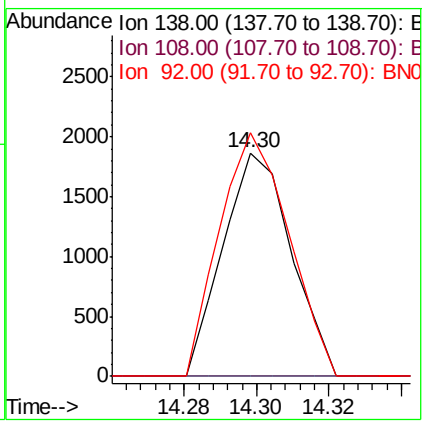


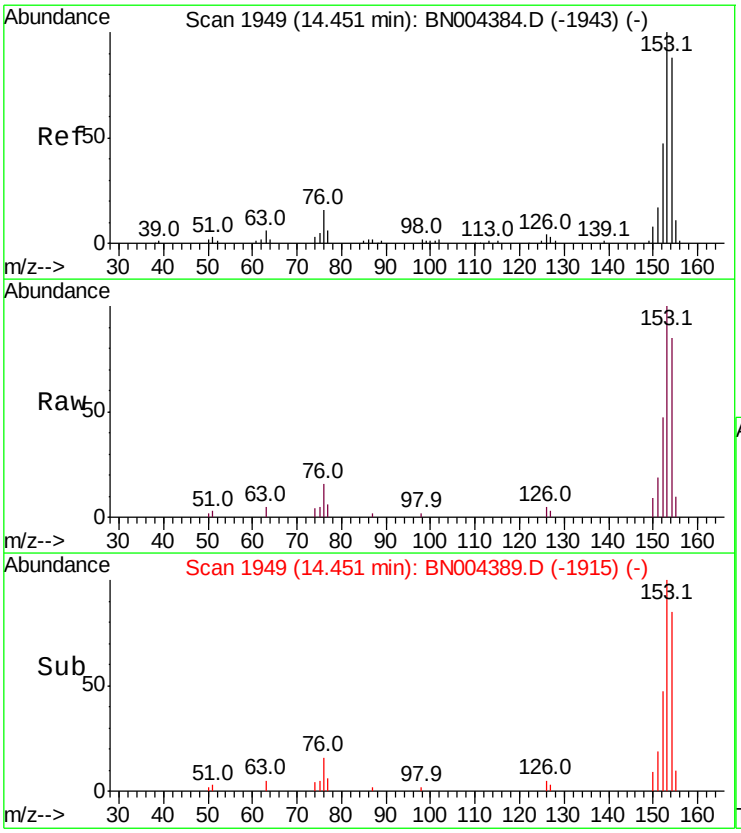
#49
3-Nitroaniline
Concen: 2.098 ng/ul
RT: 14.30 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:138 Resp: 2450

Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.0	13.4#
92	109.1	85.8	128.6

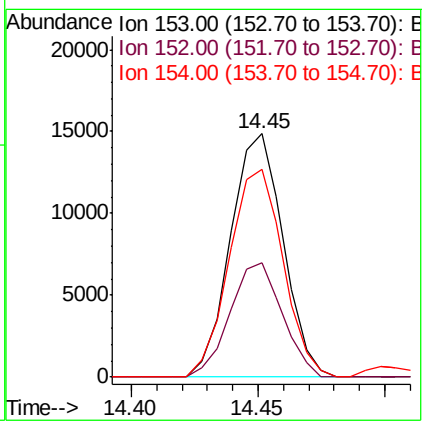


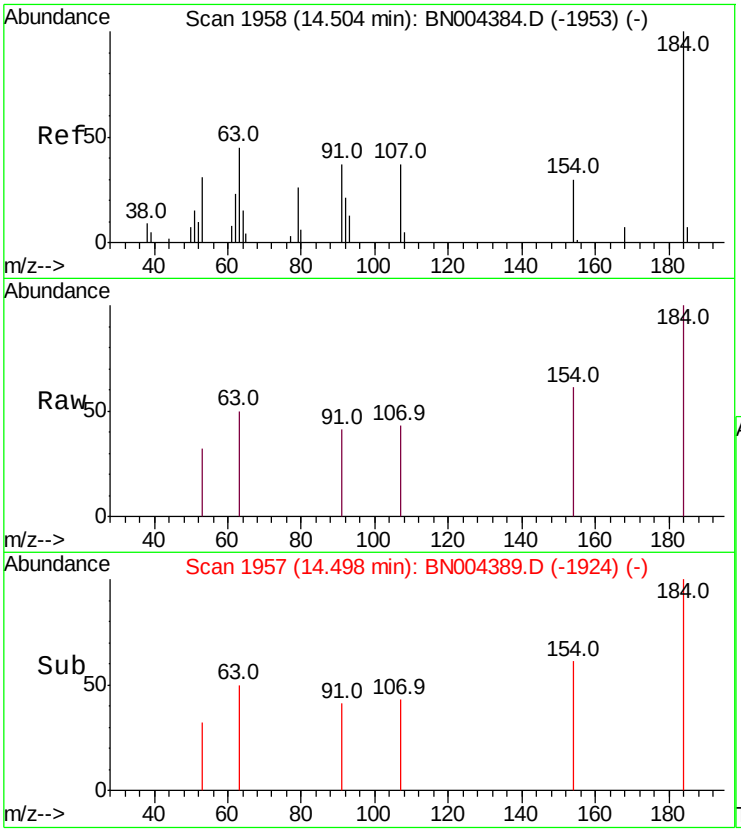


#50
Acenaphthene
Concen: 4.020 ng/ul
RT: 14.45 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



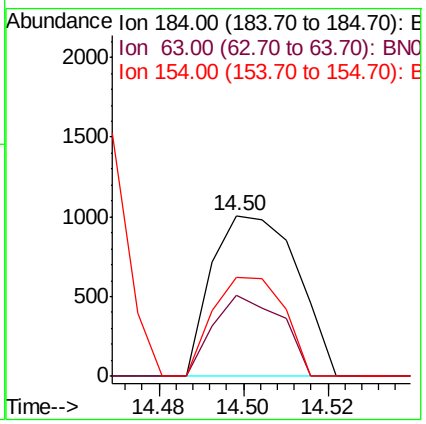


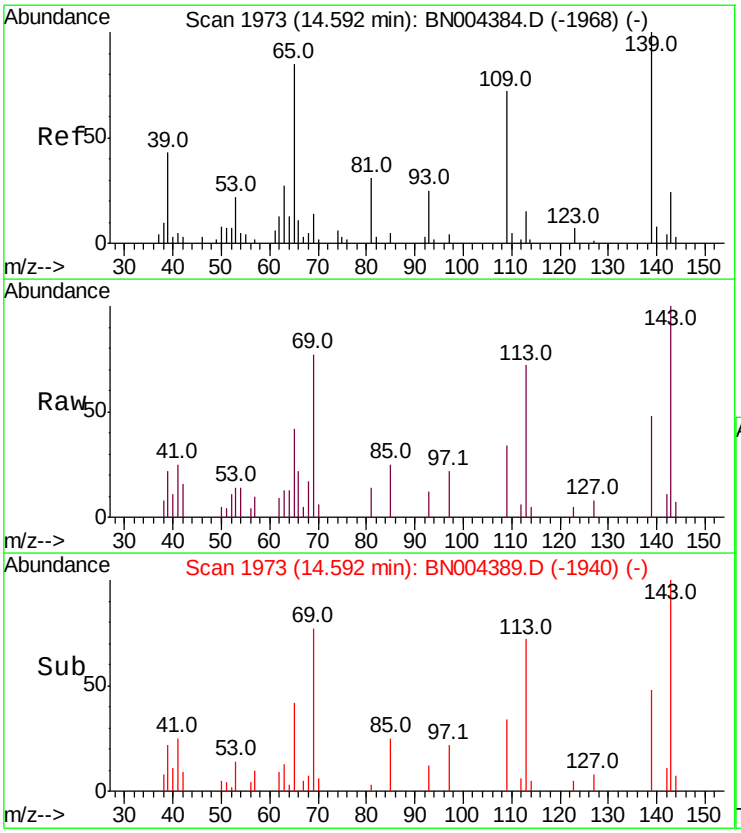
#51
2,4-Dinitrophenol
Concen: 1.993 ng/ul
RT: 14.50 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:184 Resp: 1419

Ion	Ratio	Lower	Upper
184	100		
63	50.1	39.1	58.7
154	61.1	46.2	69.4

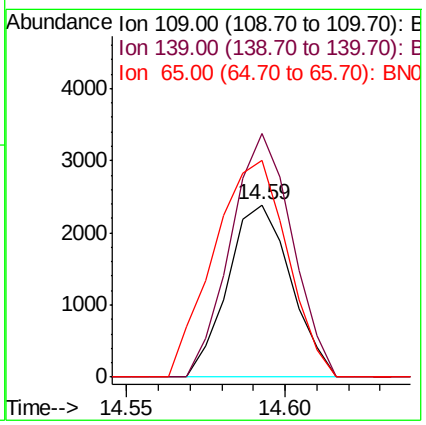


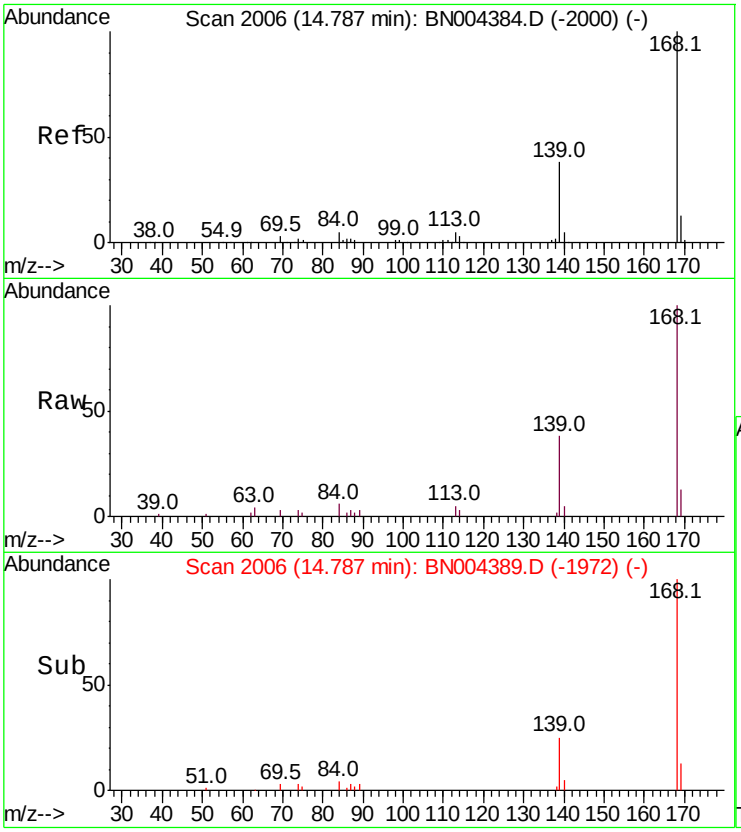


#53
4-Nitrophenol
Concen: 3.520 ng/ul
RT: 14.59 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



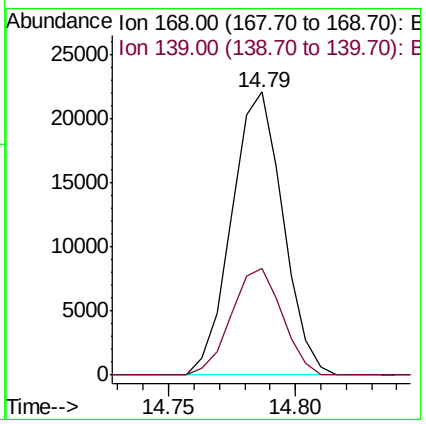


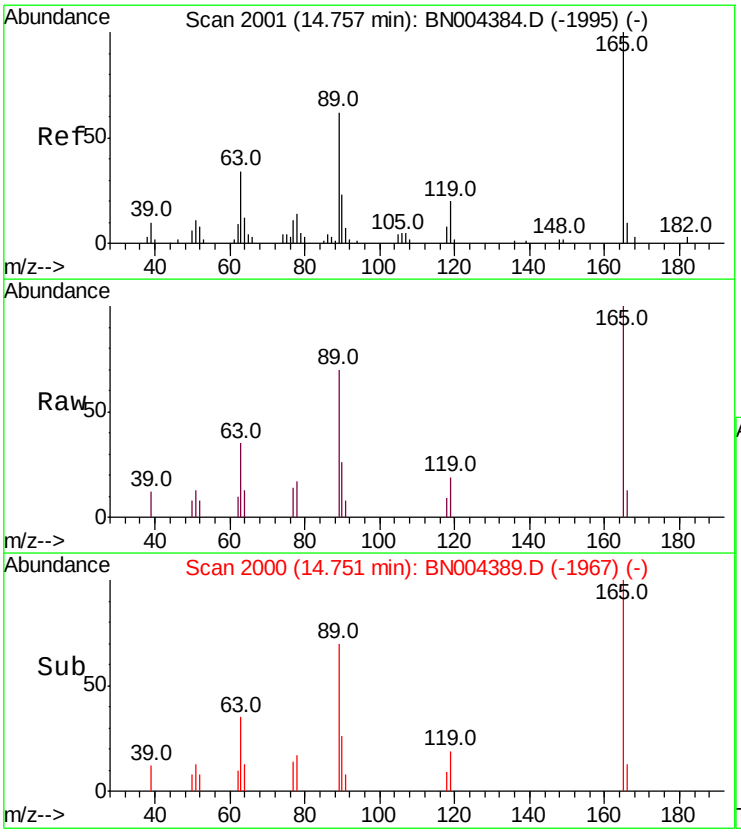
#54
Dibenzofuran
Concen: 4.053 ng/ul
RT: 14.79 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:168 Resp: 31192

Ion	Ratio	Lower	Upper
168	100		
139	37.9	29.8	44.6

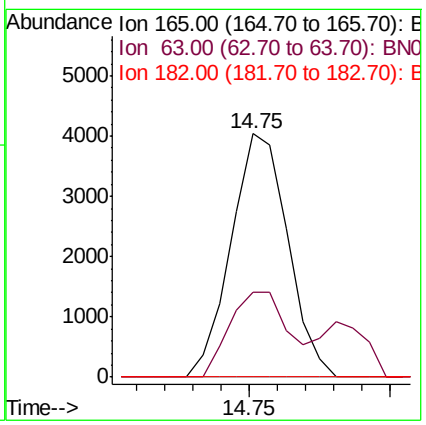


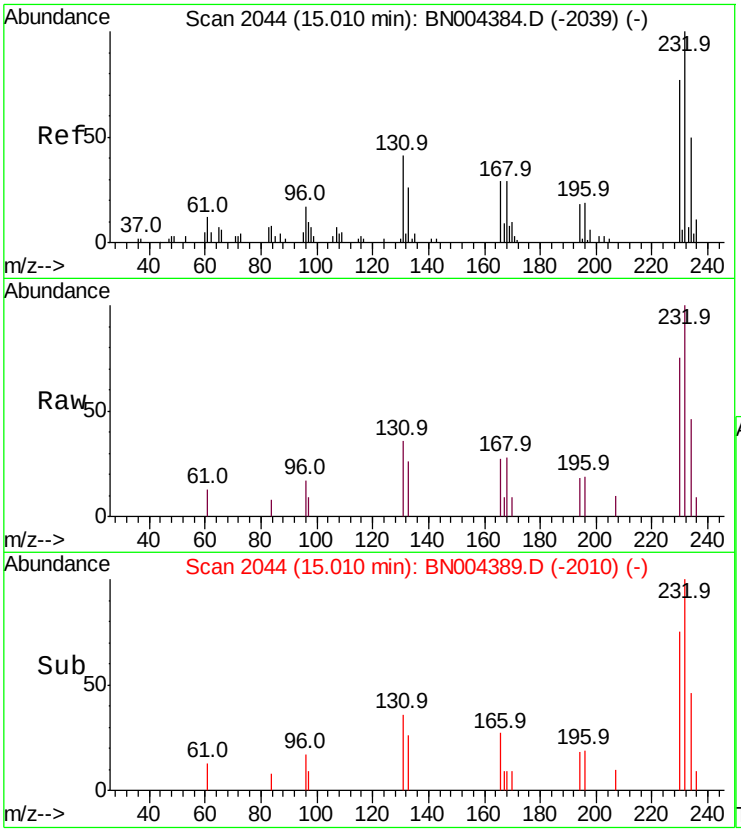


#55
2,4-Dinitrotoluene
Concen: 3.131 ng/ul
RT: 14.75 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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#



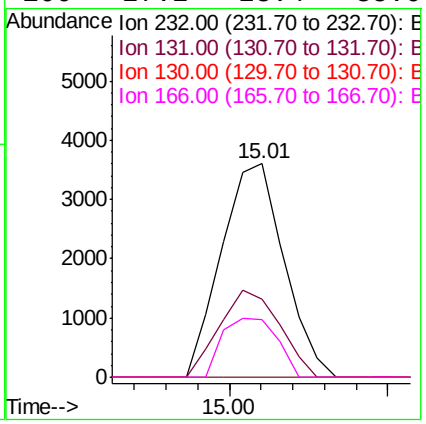


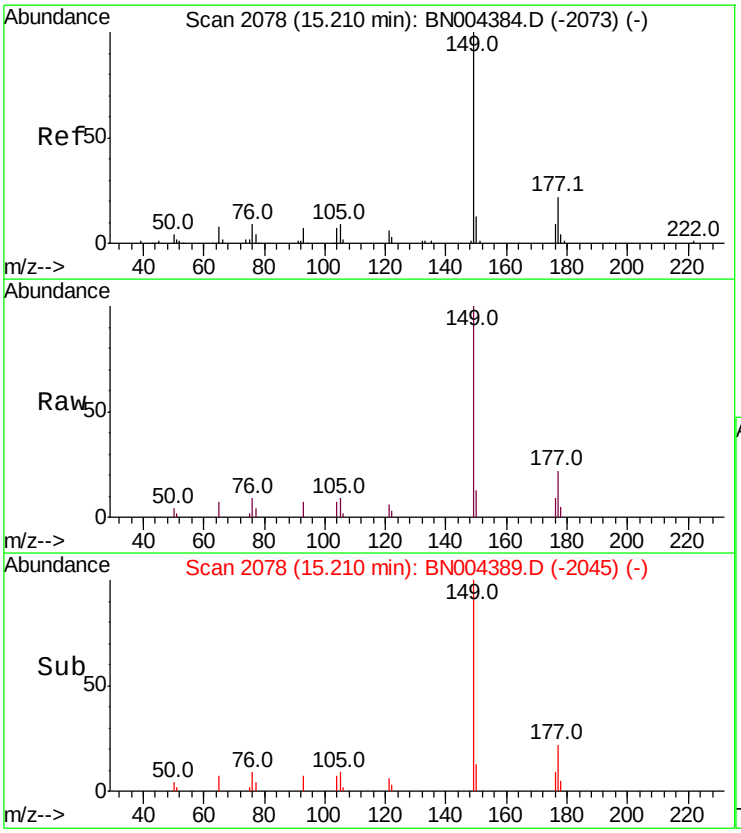
#56
2,3,4,6-Tetrachlorophenol
Concen: 3.169 ng/ul
RT: 15.01 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt 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

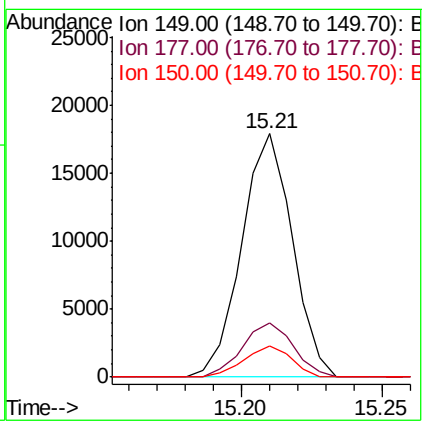


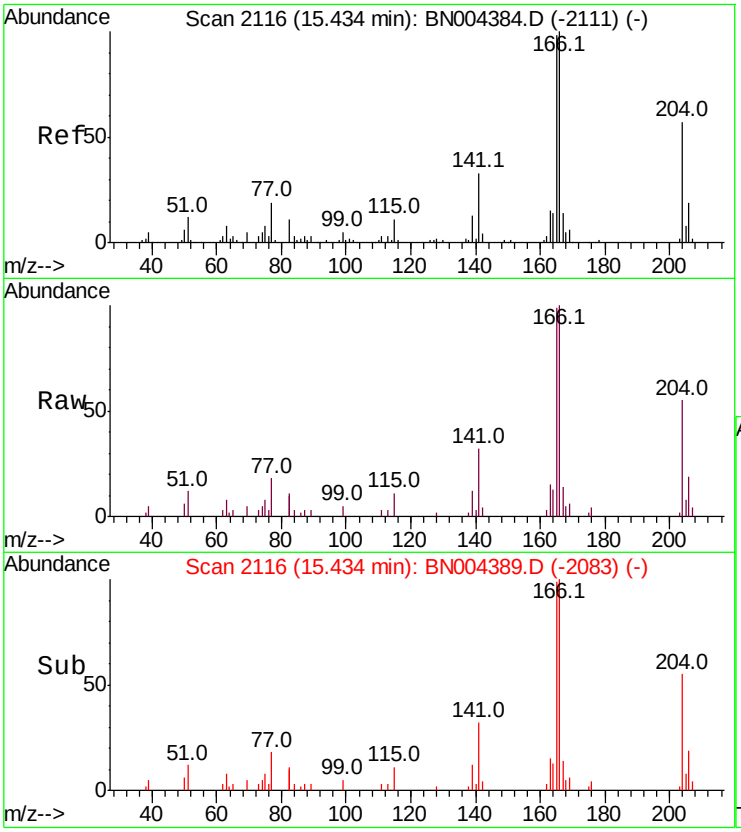


#57
Diethylphthalate
Concen: 3.472 ng/ul
RT: 15.21 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



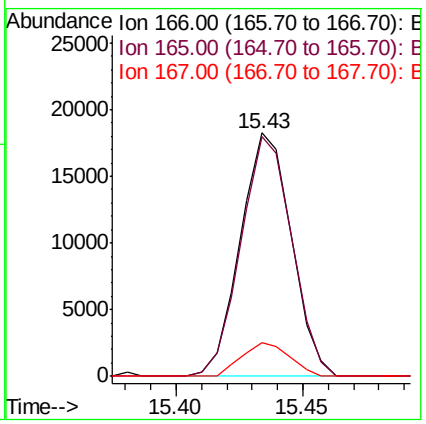


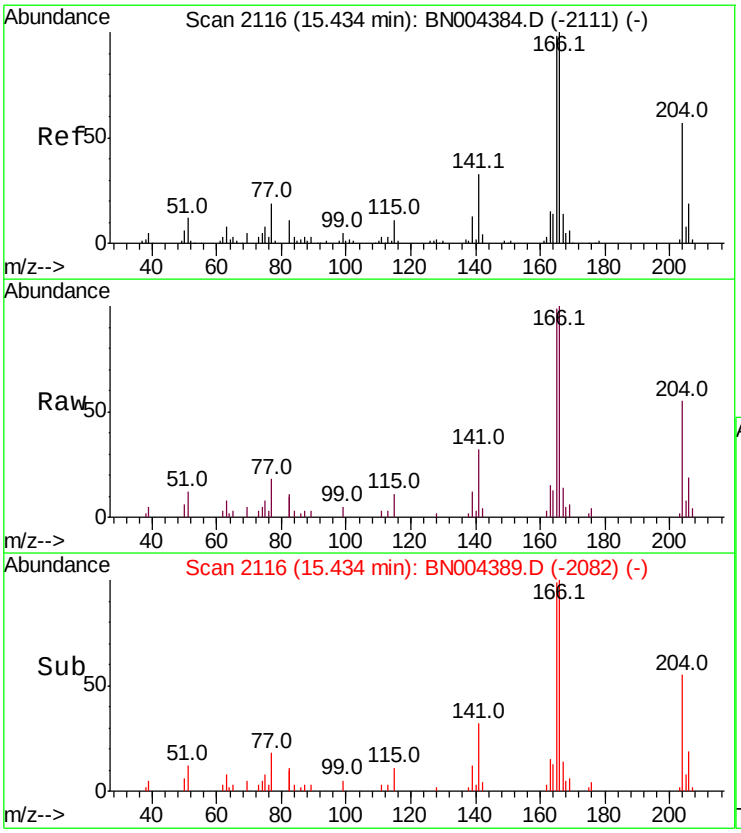
#59
Fluorene
Concen: 4.100 ng/ul
RT: 15.43 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:166 Resp: 25569

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.0	117.0
167	13.9	10.8	16.2

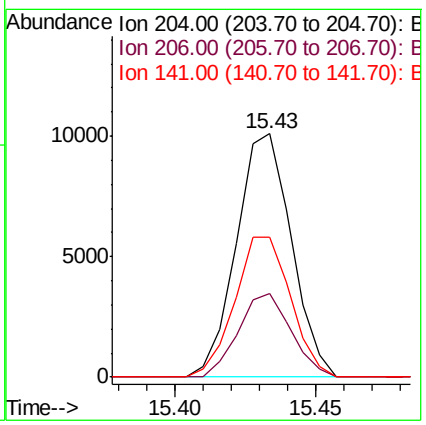


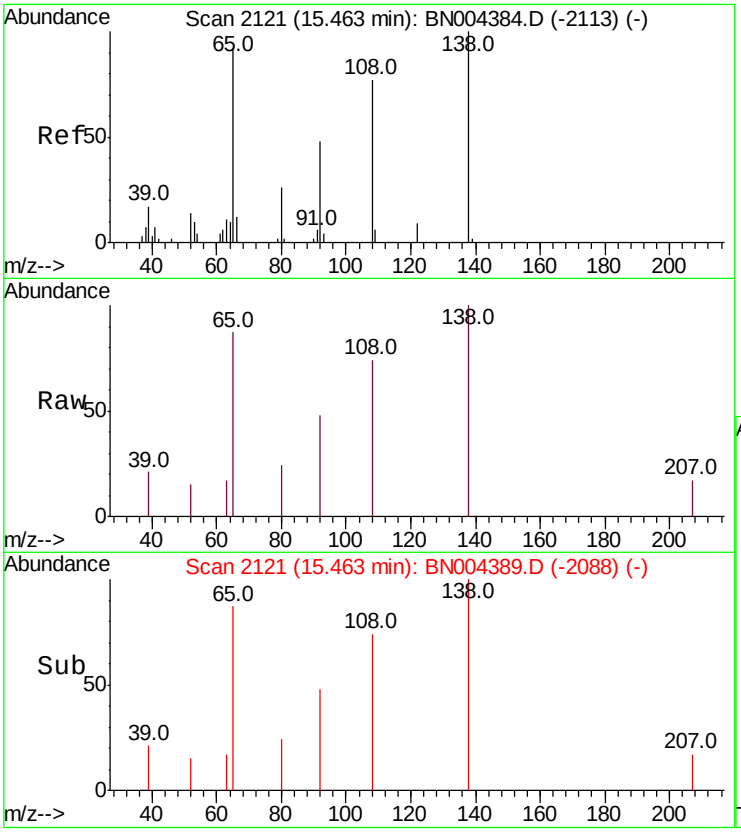


#60
4-Chlorophenyl-phenylether
Concen: 4.134 ng/ul
RT: 15.43 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



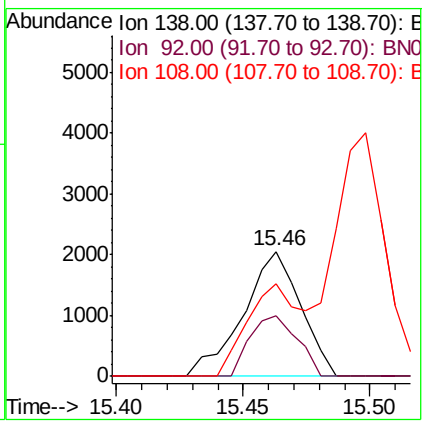


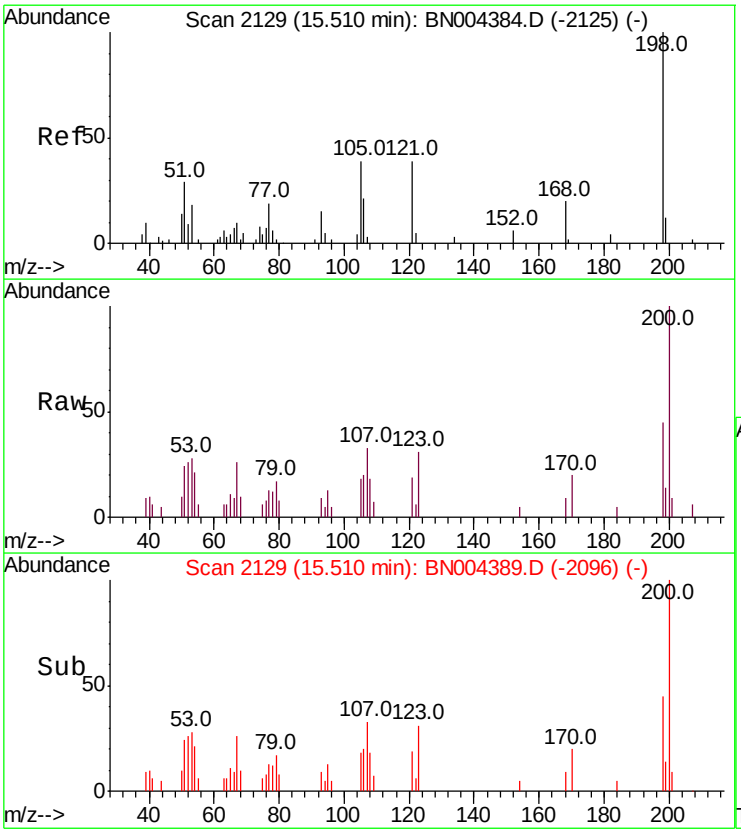
#61
4-Nitroaniline
Concen: 2.134 ng/ul
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:138 Resp: 3244

Ion	Ratio	Lower	Upper
138	100		
92	48.0	37.8	56.8
108	73.8	61.7	92.5

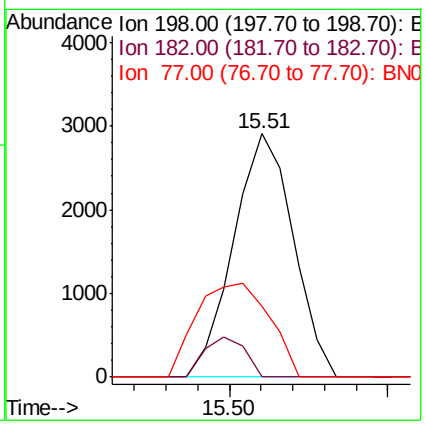


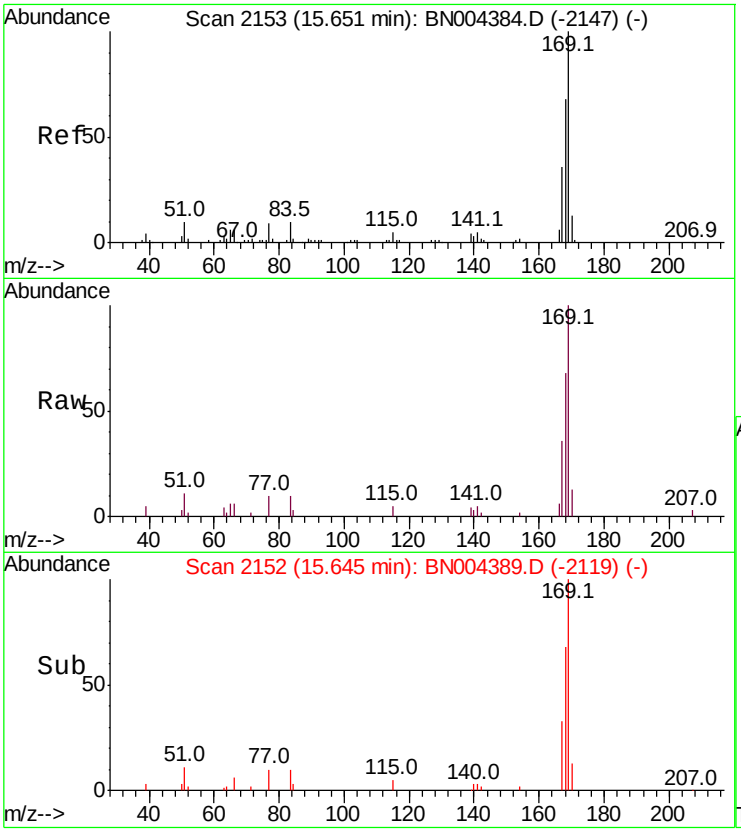


#64
4,6-Dinitro-2-methylphenol
Concen: 3.253 ng/ul
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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#



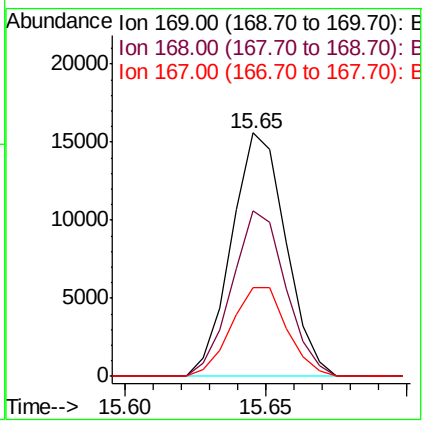


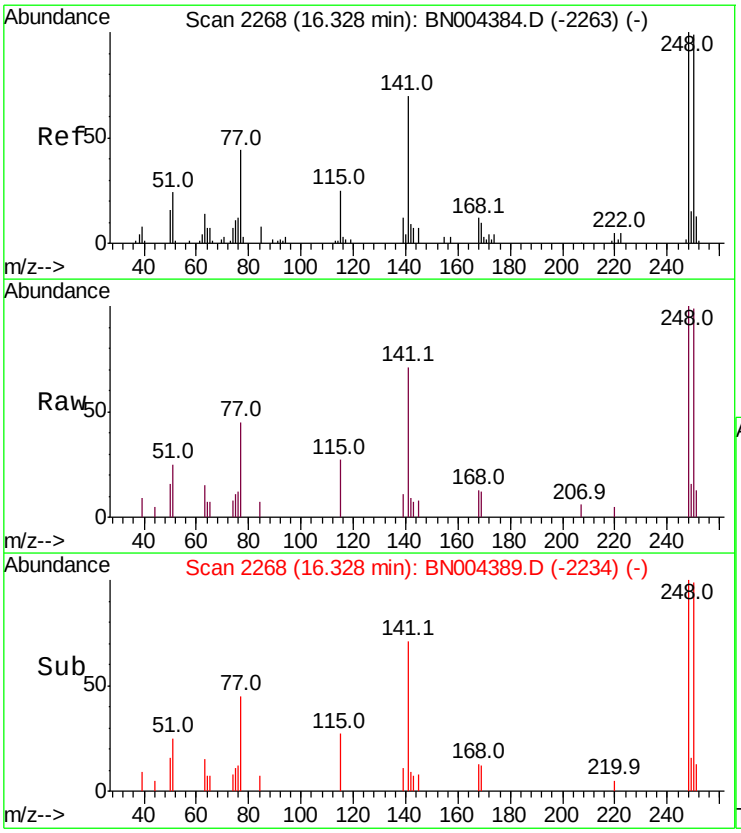
#65
N-Nitrosodiphenylamine
Concen: 3.816 ng/ul
RT: 15.65 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:169 Resp: 20862

Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.8	80.6
167	36.3	29.0	43.4

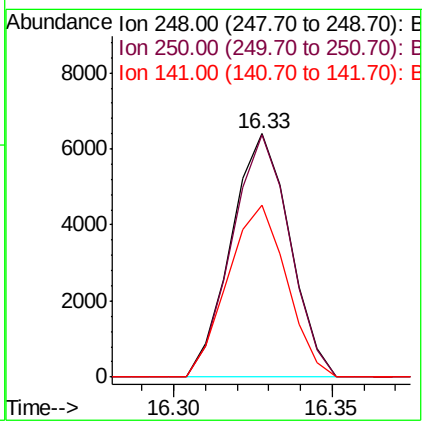


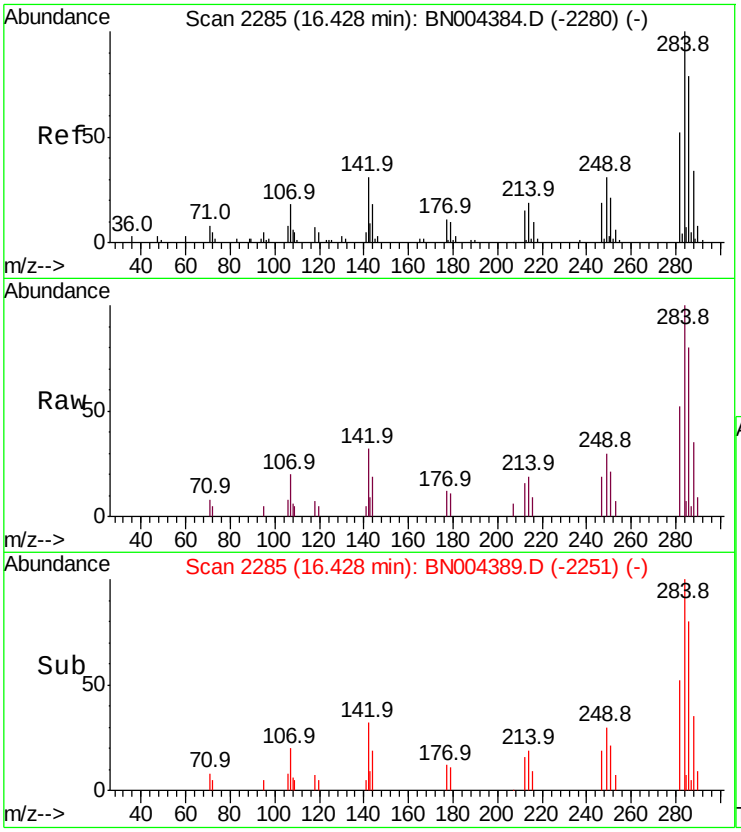


#66
4-Bromophenyl-phenylether
Concen: 3.851 ng/ul
RT: 16.33 min Scan# 2268
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



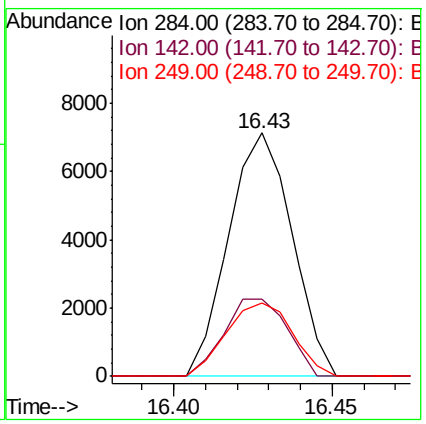


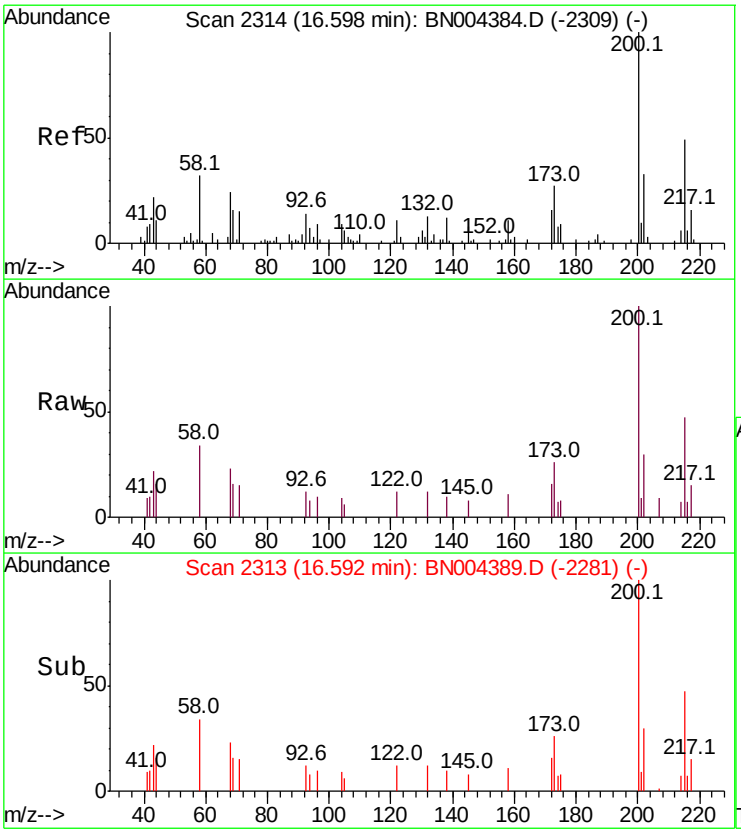
#67
Hexachlorobenzene
Concen: 3.959 ng/ul
RT: 16.43 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:284 Resp: 9891

Ion	Ratio	Lower	Upper
284	100		
142	31.9	24.5	36.7
249	30.0	25.0	37.6

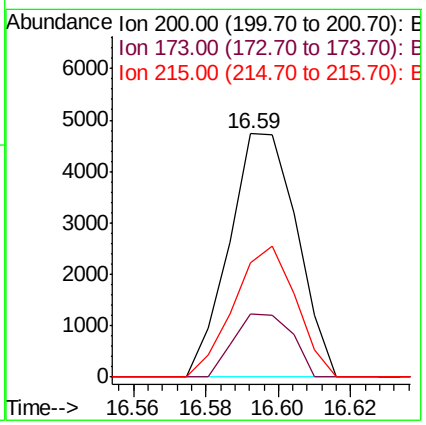


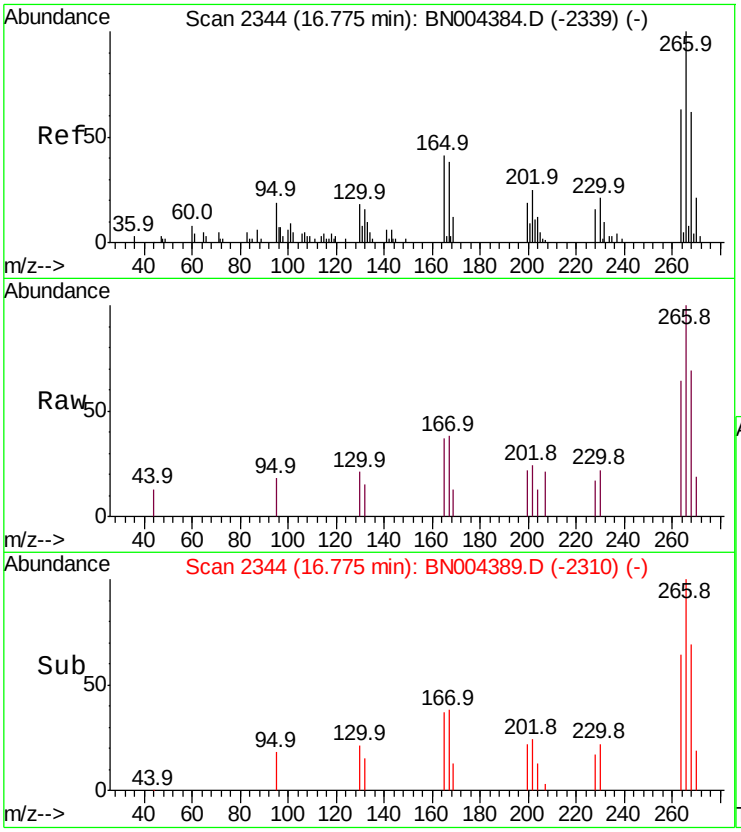


#68
Atrazine
Concen: 2.924 ng/ul
RT: 16.59 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



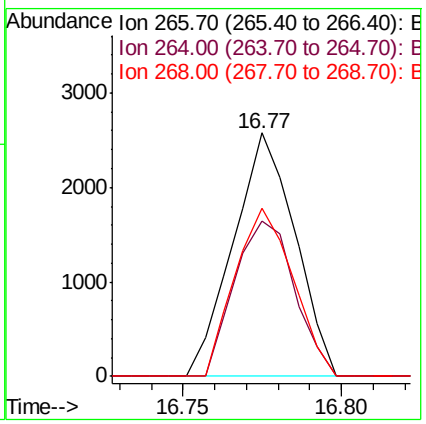


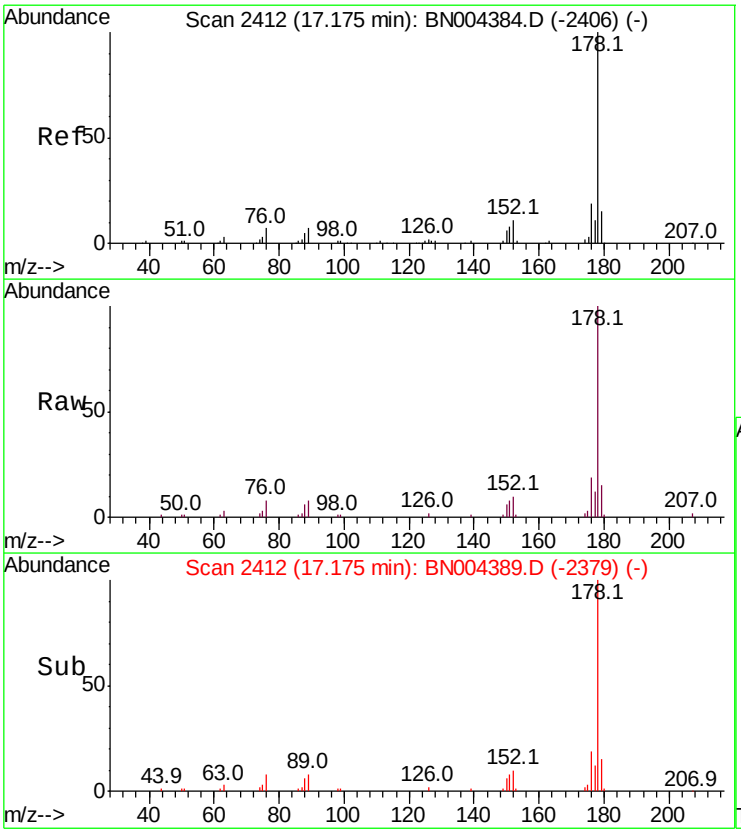
#69
Pentachlorophenol
Concen: 2.392 ng/ul
RT: 16.77 min Scan# 2344
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:266 Resp: 3484

Ion	Ratio	Lower	Upper
266	100		
264	63.8	50.3	75.5
268	69.2	49.6	74.4

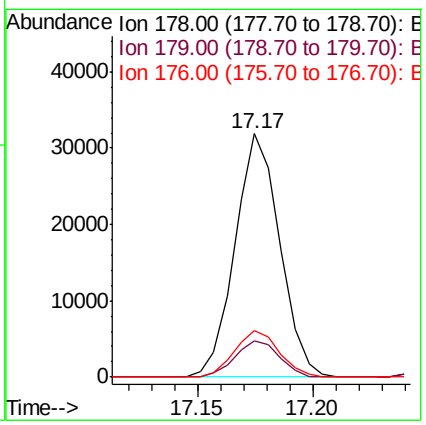


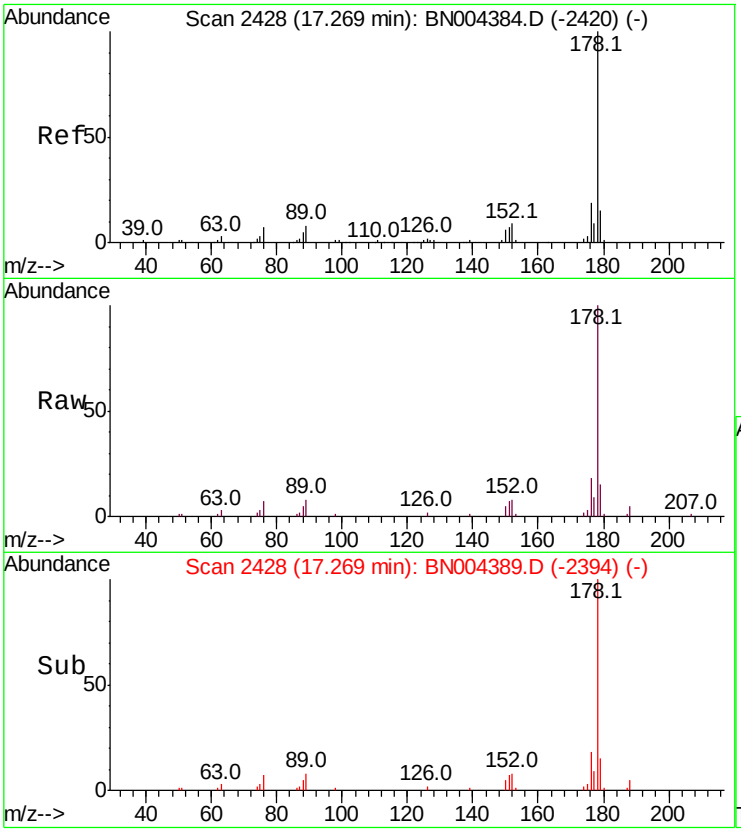


#70
Phenanthrene
Concen: 4.074 ng/ul
RT: 17.17 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



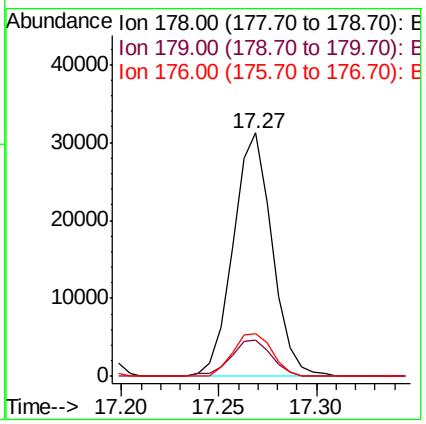


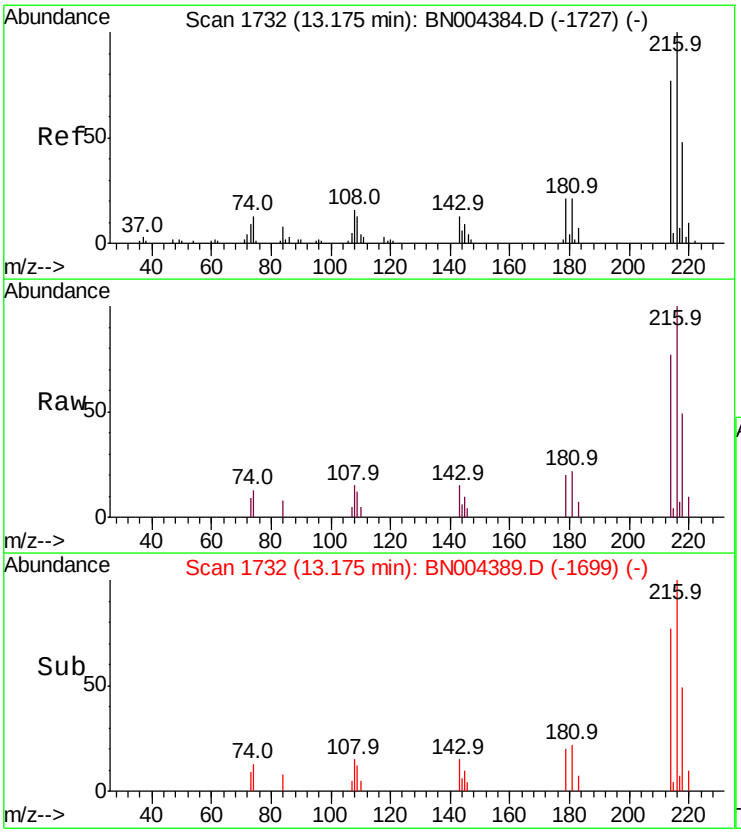
#72
Anthracene
Concen: 4.050 ng/ul
RT: 17.27 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:178 Resp: 43186

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

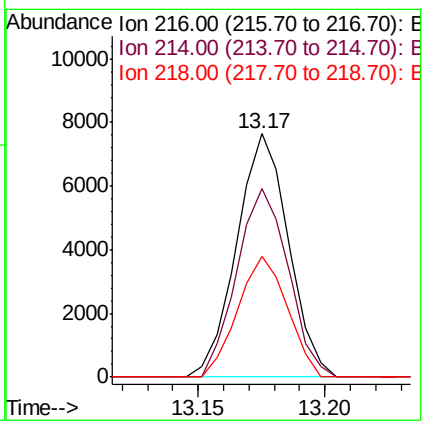


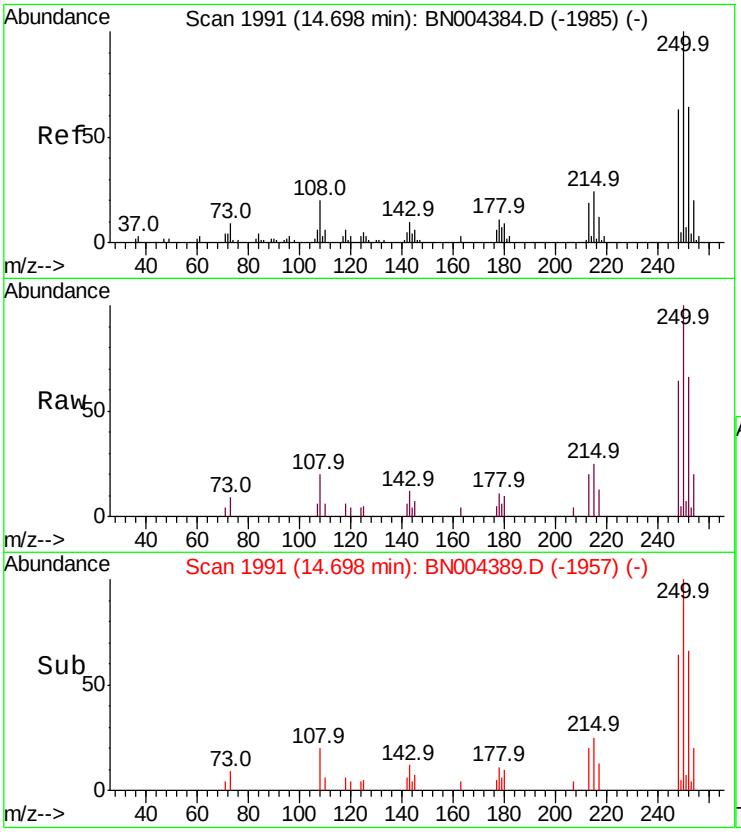


#73
1,2,3,4-Tetrachlorobenzene
Concen: 4.158 ng/uL
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



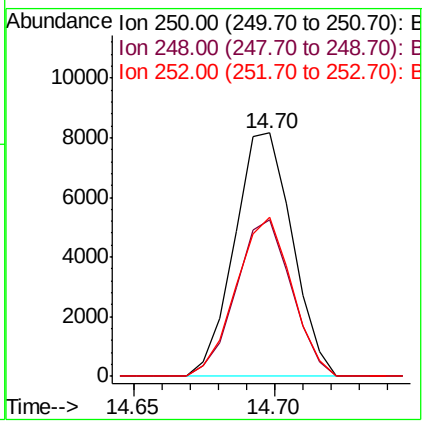


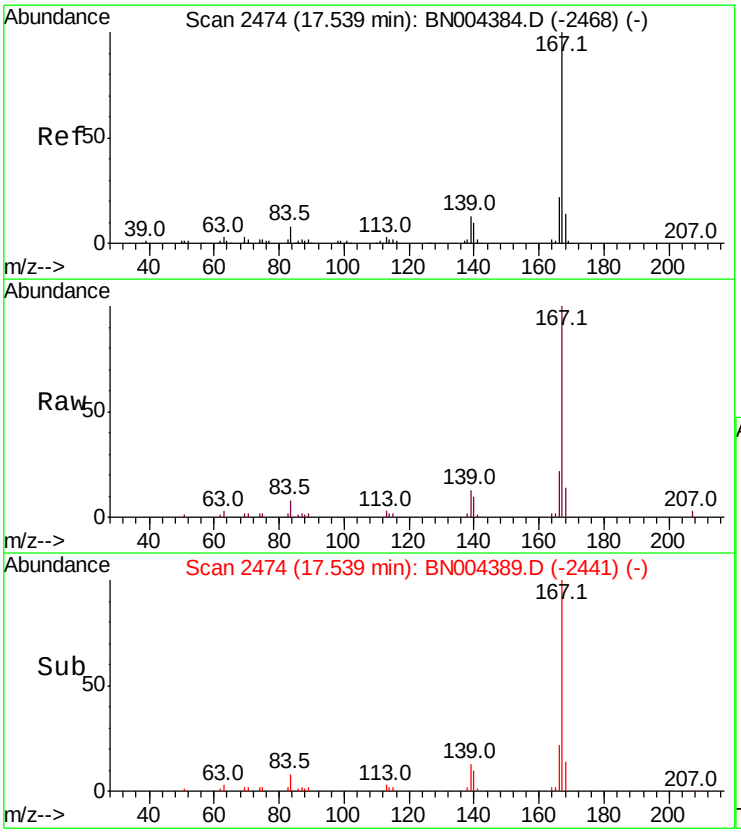
#74
Pentachlorobenzene
Concen: 4.142 ng/uL
RT: 14.70 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:250 Resp: 11593

Ion	Ratio	Lower	Upper
250	100		
248	64.1	51.5	77.3
252	65.6	50.4	75.6

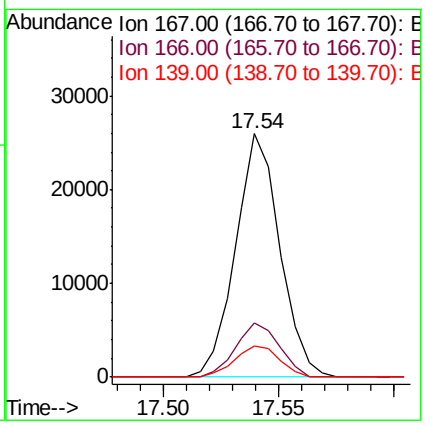


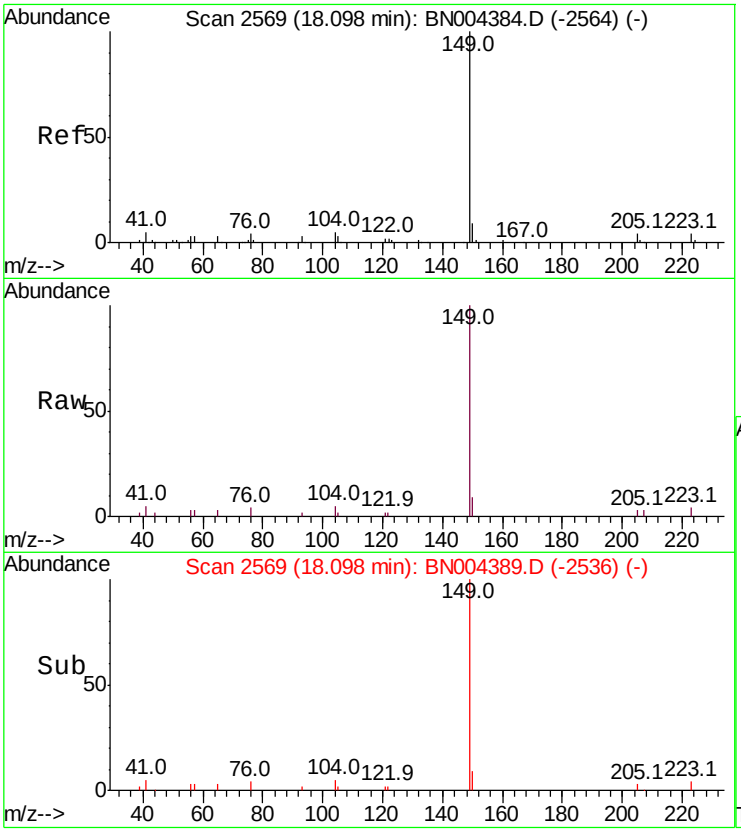


#75
Carbazole
Concen: 3.641 ng/ul
RT: 17.54 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



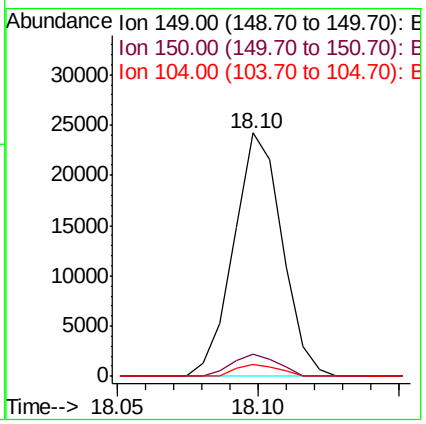


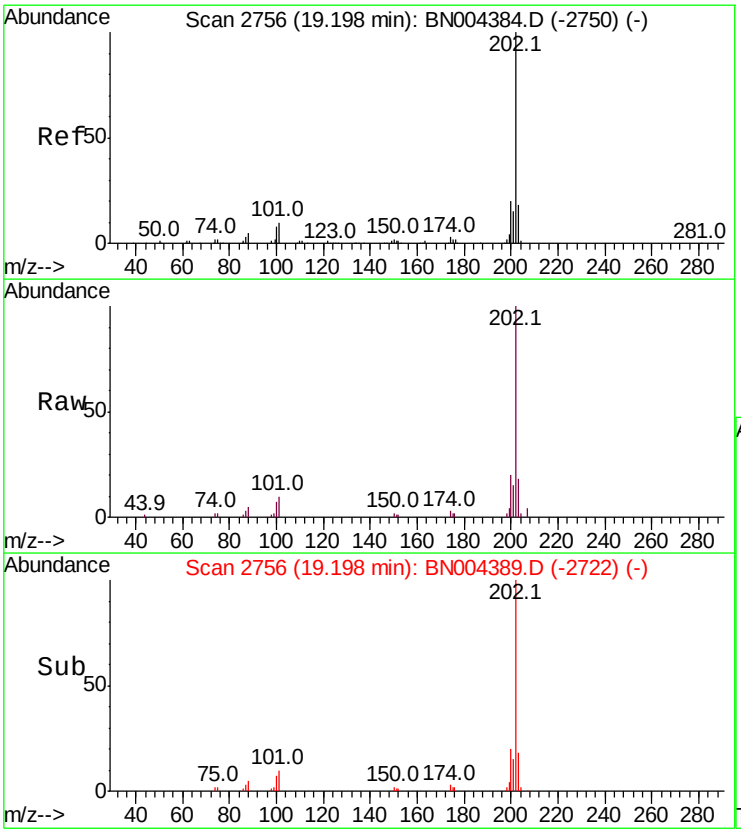
#76
Di-n-butylphthalate
Concen: 2.763 ng/ul
RT: 18.10 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:149 Resp: 28897

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	4.8	3.7	5.5

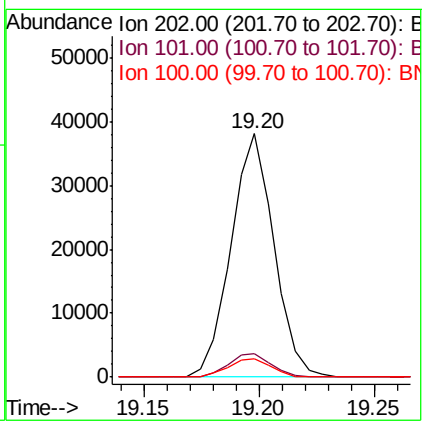


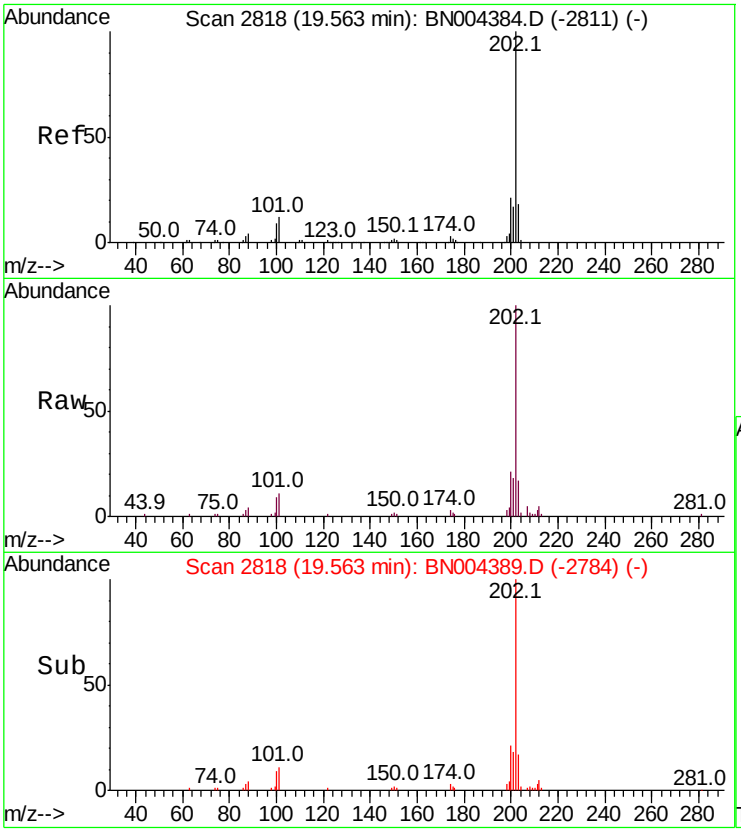


#77
Fluoranthene
Concen: 3.777 ng/ul
RT: 19.20 min Scan# 2756
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



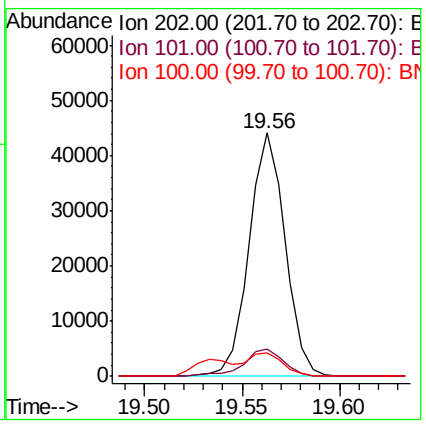


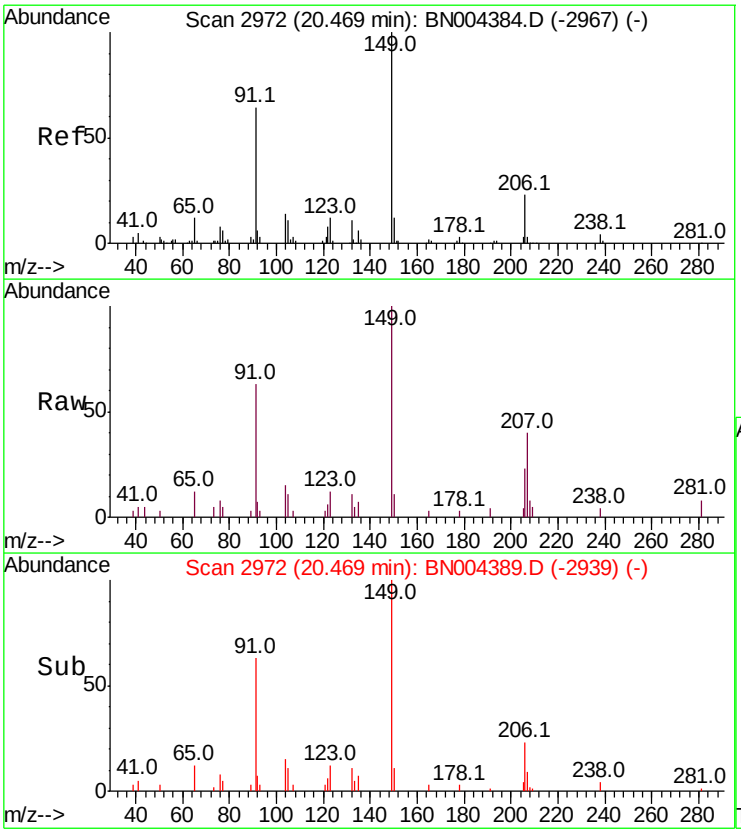
#80
Pyrene
Concen: 3.981 ng/ul
RT: 19.56 min Scan# 2818
Delta R.T. 0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:202 Resp: 56379

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

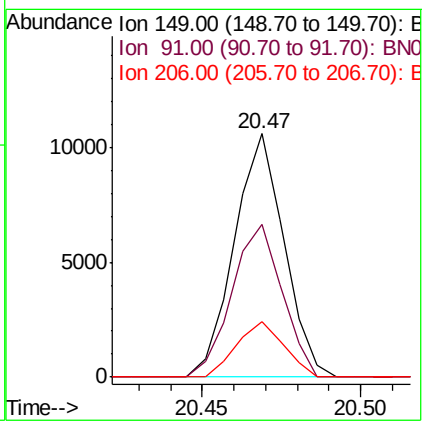


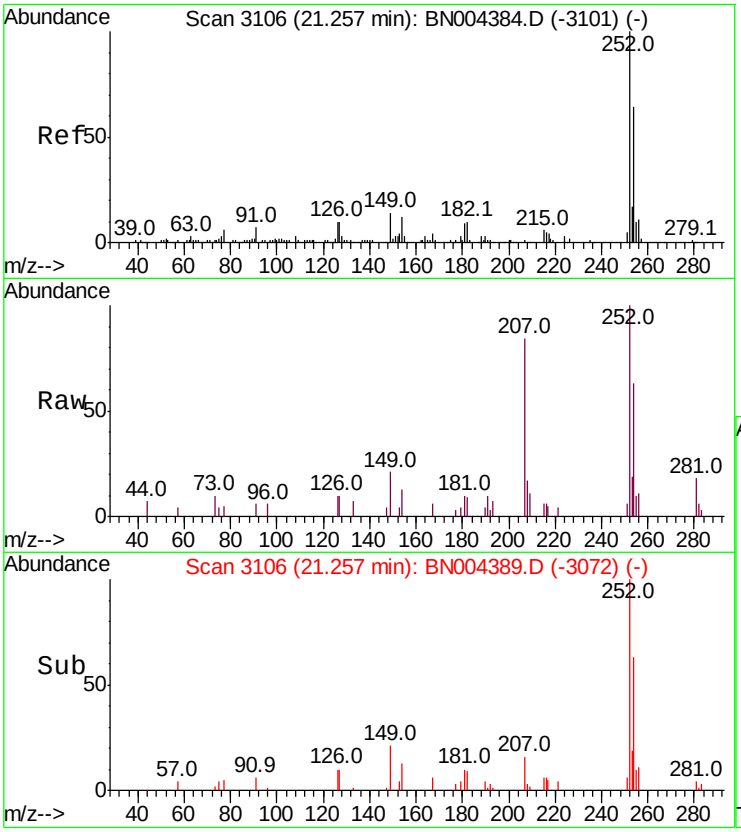


#81
Butylbenzylphthalate
Concen: 2.367 ng/ul
RT: 20.47 min Scan# 2972
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Tgt Ion:149 Resp: 11517

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



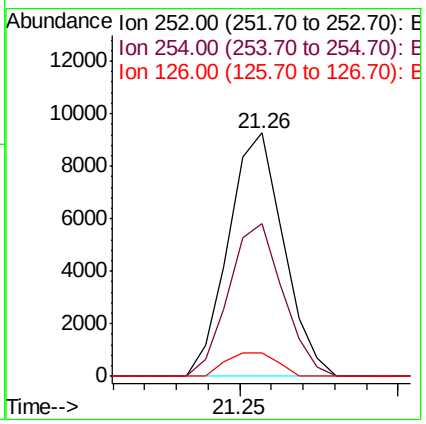


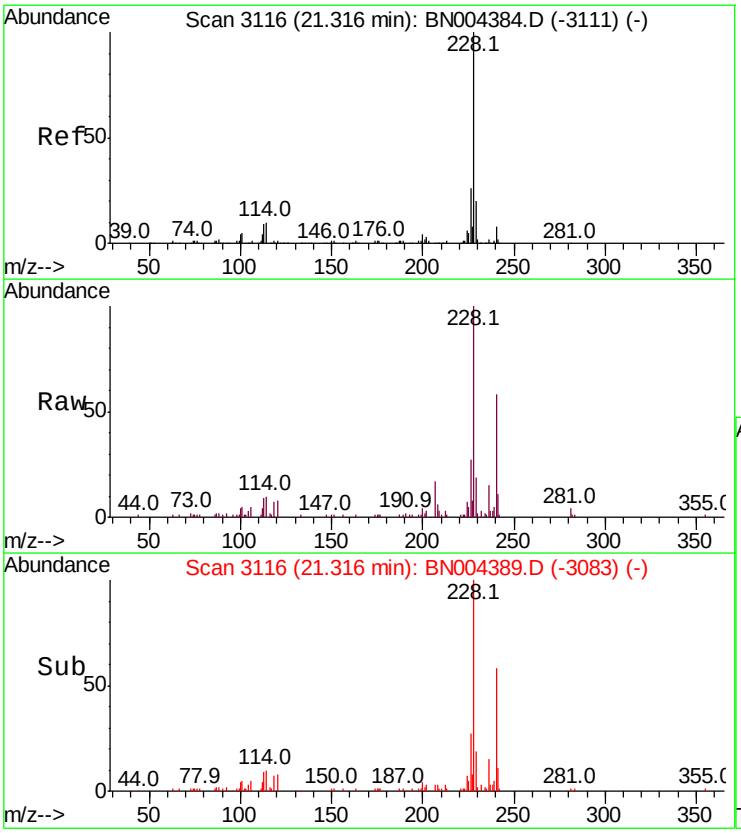
#82
3,3'-Dichlorobenzidine
Concen: 2.083 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:252 Resp: 11189

Ion	Ratio	Lower	Upper
252	100		
254	62.8	51.8	77.6
126	9.5	8.3	12.5

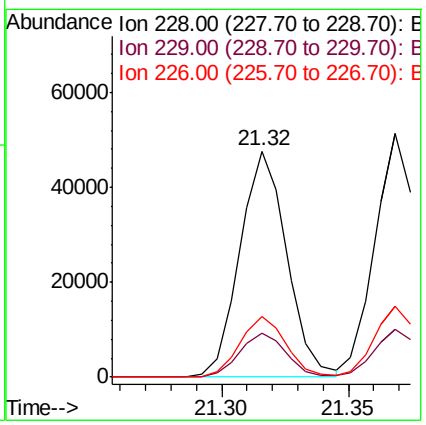


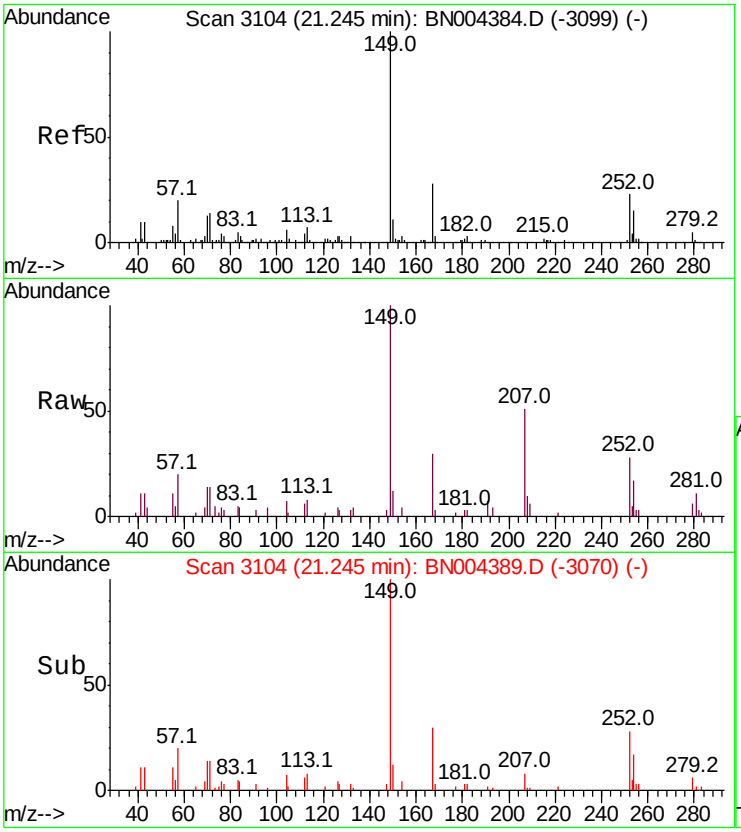


#83
Benzo(a)anthracene
Concen: 3.895 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



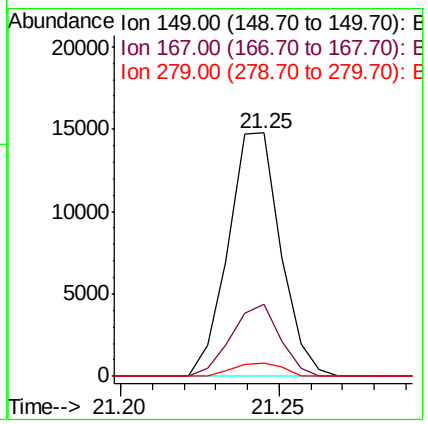


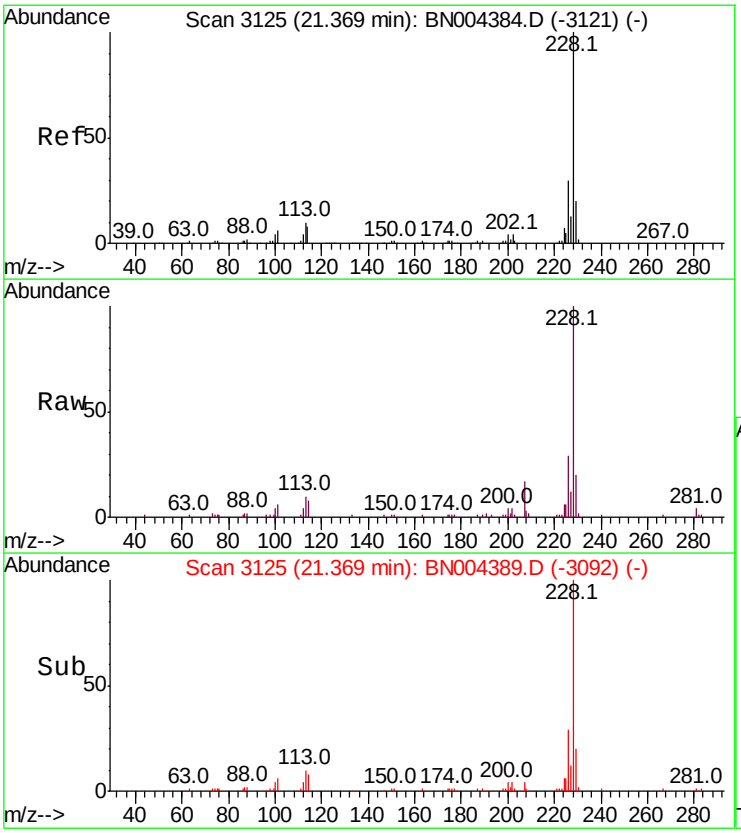
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.314 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:149 Resp: 16879

Ion	Ratio	Lower	Upper
149	100		
167	29.9	22.7	34.1
279	5.5	4.3	6.5

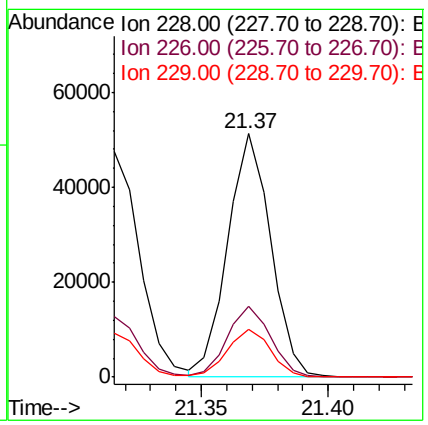


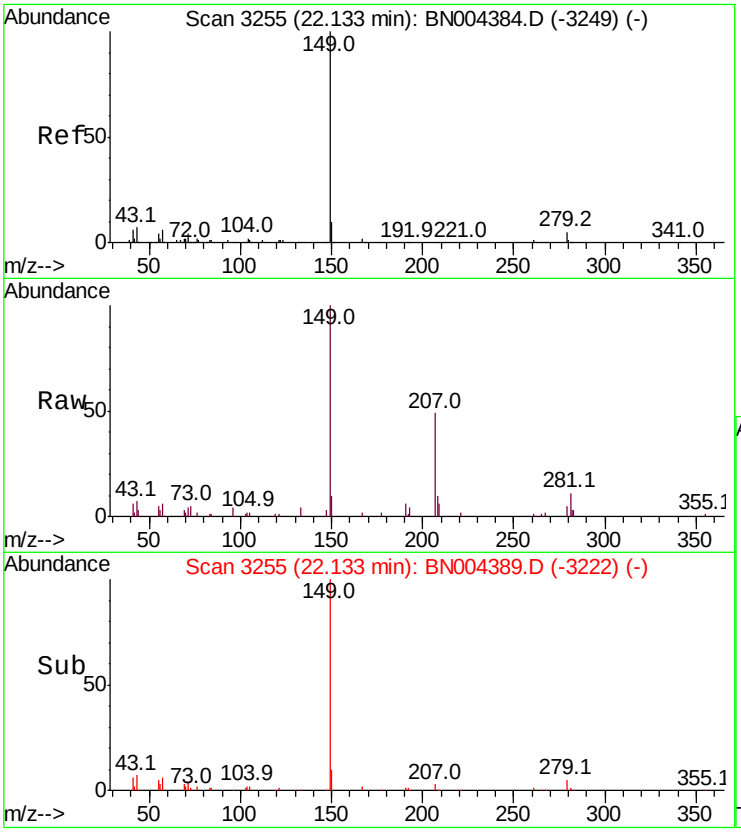


#85
Chrysene
Concen: 4.049 ng/ul
RT: 21.37 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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

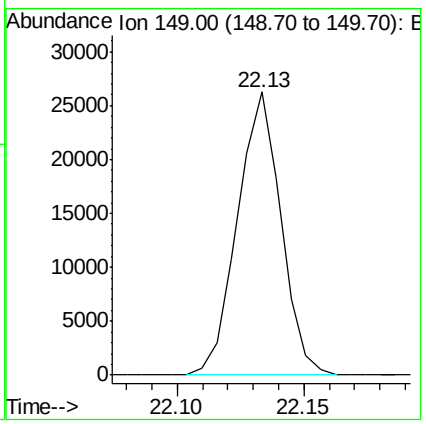


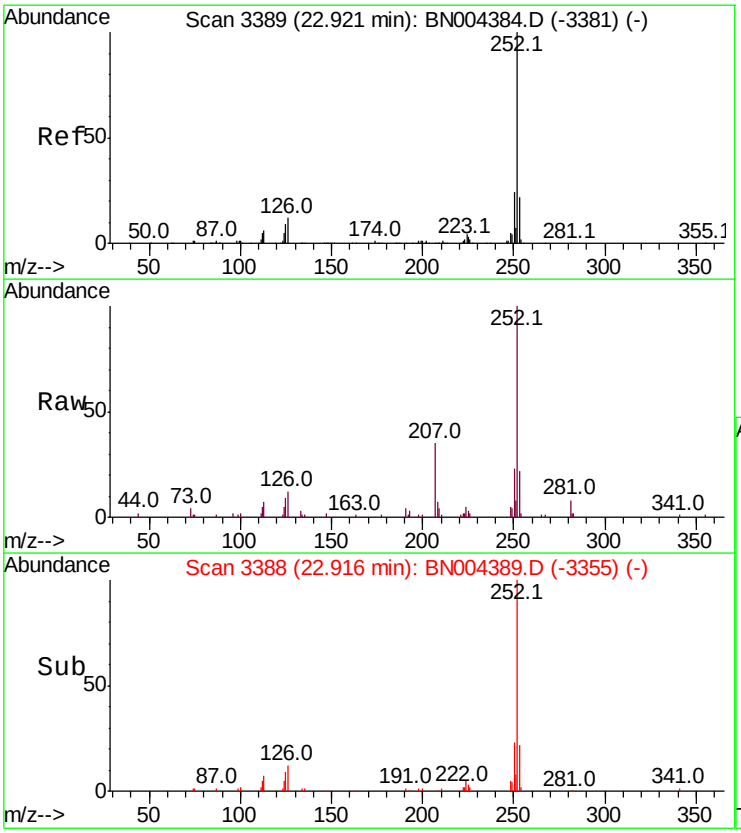


#87
Di-n-octyl phthalate
Concen: 2.222 ng/ul
RT: 22.13 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:149 Resp: 31432

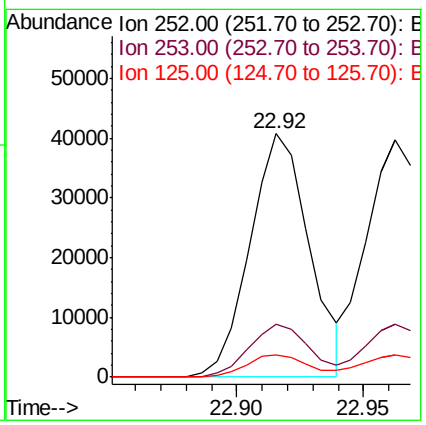


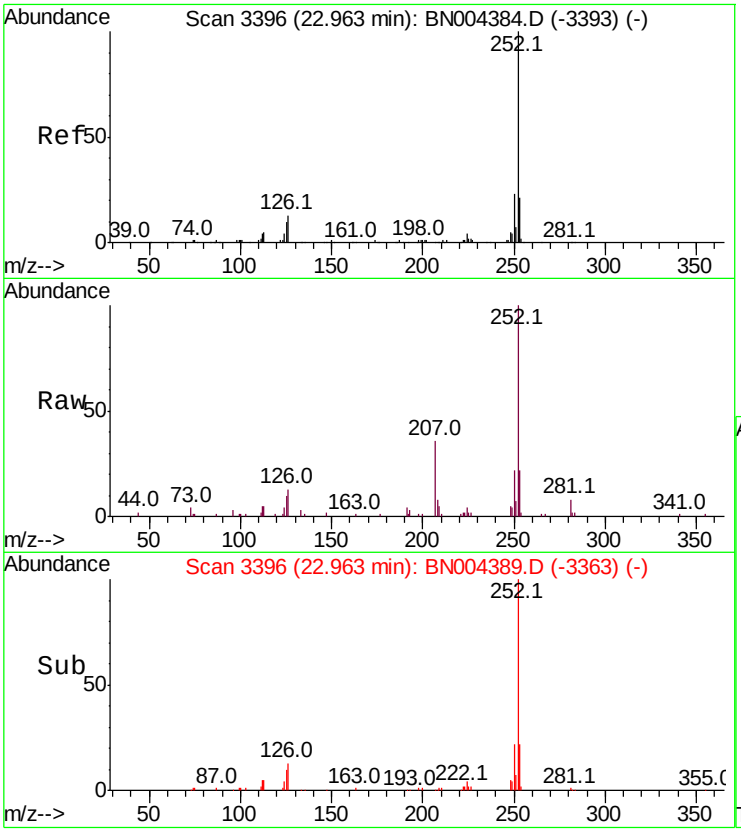


#88
Benzo(b)fluoranthene
Concen: 3.807 ng/ul
RT: 22.92 min Scan# 3388
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



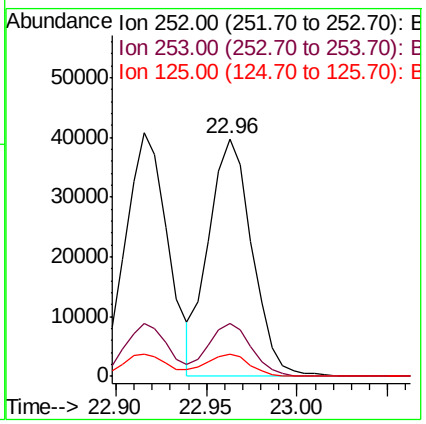


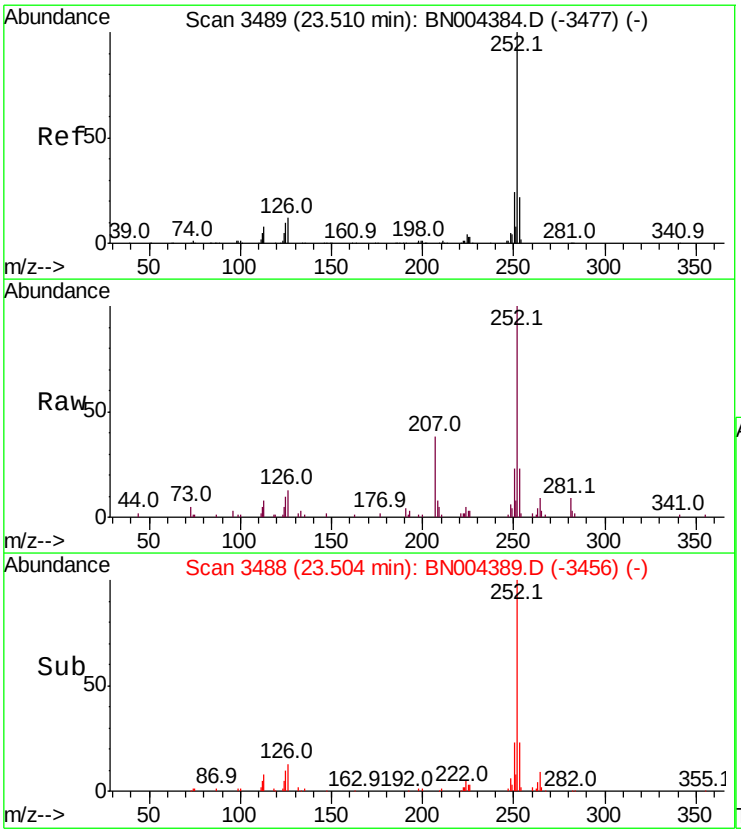
#89
Benzo(k)fluoranthene
Concen: 3.907 ng/ul
RT: 22.96 min Scan# 3396
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:252 Resp: 66454

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	9.6	7.4	11.0

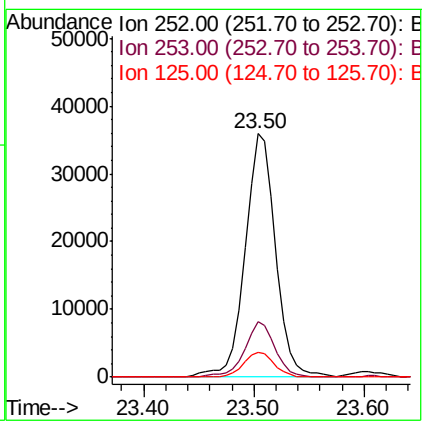


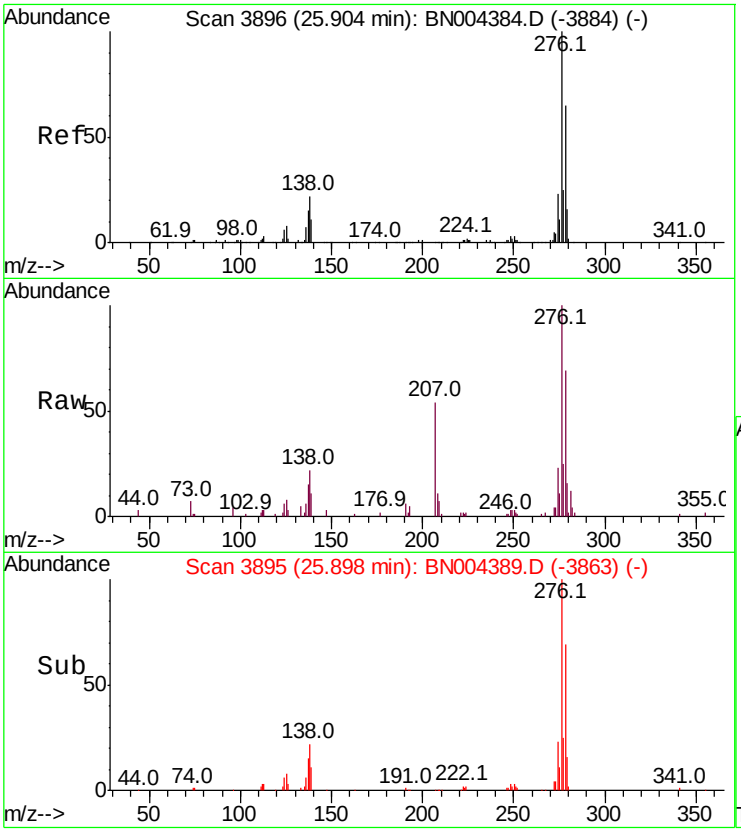


#91
Benzo(a)pyrene
Concen: 4.071 ng/ul
RT: 23.50 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

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



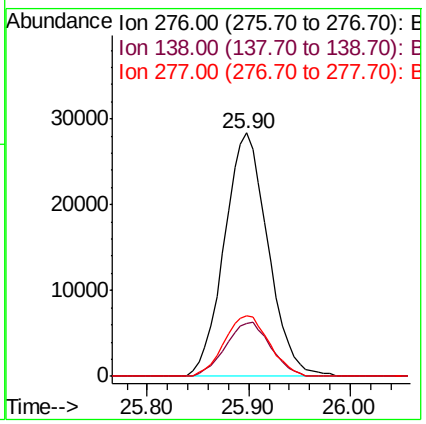


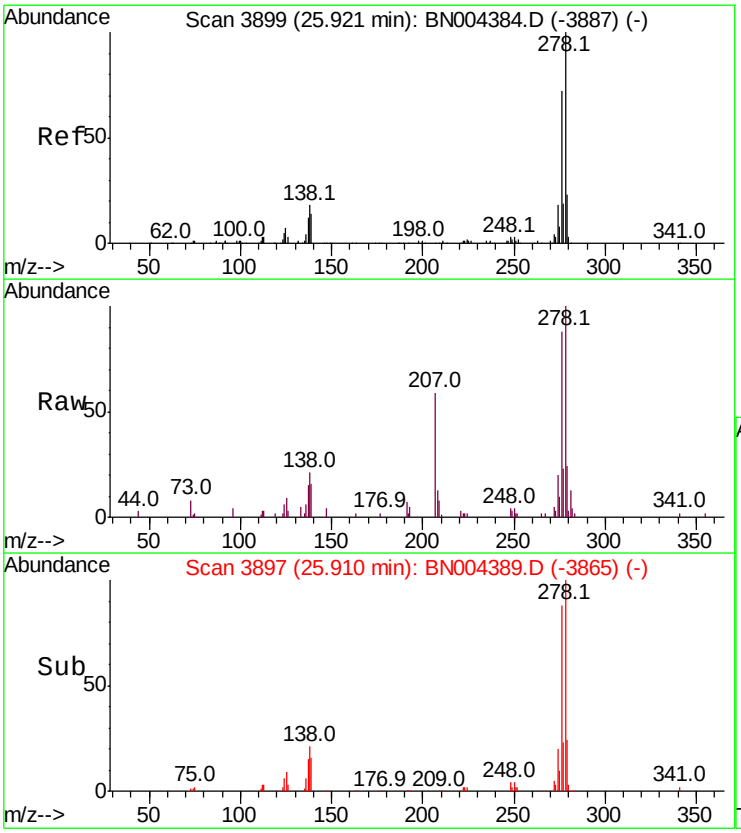
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.897 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-04

Tgt Ion:276 Resp: 84461

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

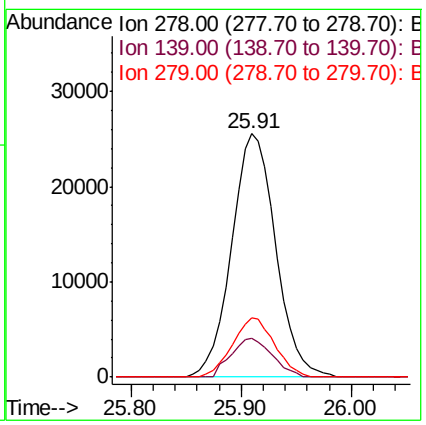


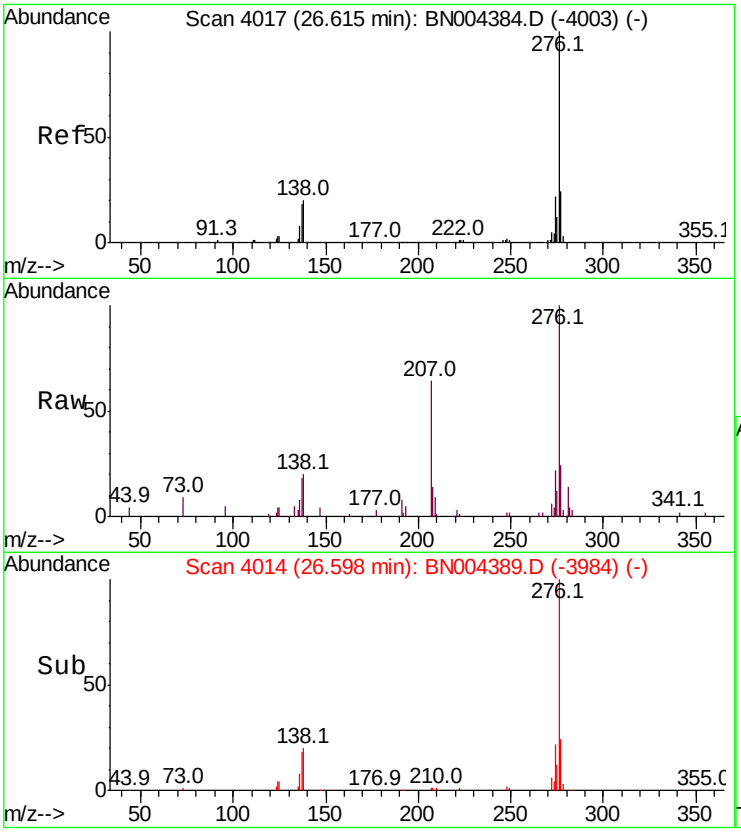


#93
Dibenzo(a,h)anthracene
Concen: 3.966 ng/ul
RT: 25.91 min Scan# 3897
Delta R.T. -0.01 min
Lab File: BN004389.D
Acq: 13 Feb 2019 12:55

Tgt Ion:278 Resp: 71520

Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.4	18.6
279	24.3	19.3	28.9





#94
Benzo(g,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

Tgt Ion:276 Resp: 72544

Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.7	25.1
277	24.2	19.0	28.6