Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
Data File : BN004406.D
Acq On : 13 Feb 2019 23:06
Operator : JU/SJ
Sample : MDL-S-ME-04
Misc : 1PPM/4PPM
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-S-ME-04

Quant Time: Feb 14 06:51:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 06:43:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	24217	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	117949	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	78782	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	195128	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	265369	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	307068	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	2821	7.00	ng/uL	0.00
5) Phenol-d5	6.90	99	54069	25.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	29967	27.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	48503	27.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	48199	25.98	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	22915	29.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	24438	29.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	49646	26.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	71323	34.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	194817	29.16	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	231199	29.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	31171	24.37	ng/ul	0.00
58) Fluorene-d10	15.38	176	171925	29.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	26341	23.15	ng/ul	0.00
71) Anthracene-d10	17.23	188	279303	29.87	ng/ul	0.00
79) Pyrene-d10	19.53	212	343893	28.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	420293	26.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	584	1.178	ng/uL#	78
4) Benzaldehyde	6.90	77	2918	2.355	ng/ul	91
6) Phenol	6.93	94	6898	3.201	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.18	93	5318	3.450	ng/ul	95
10) 2-Chlorophenol	7.31	128	5954	3.417	ng/ul	98
11) 2-Methylphenol	8.18	108	4879	2.831	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.28	45	6214	3.401	ng/ul	97
14) Acetophenone	8.57	105	9170	3.317	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.55	70	3477	2.932	ng/ul#	95
16) 4-Methylphenol	8.50	108	5900	3.093	ng/ul	100
17) Hexachloroethane	8.82	117	1969	3.227	ng/ul	96
20) Nitrobenzene	8.95	77	6110	3.577	ng/ul	97
21) Isophorone	9.46	82	10223	2.921	ng/ul	97
23) 2-Nitrophenol	9.65	139	3280	3.587	ng/ul	97
24) 2,4-Dimethylphenol	9.70	107	6948	3.369	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.95	93	7426	3.270	ng/ul	99
27) 2,4-Dichlorophenol	10.18	162	6459	3.540	ng/ul	95
28) Naphthalene	10.58	128	22858	3.759	ng/ul	98
30) 4-Chloroaniline	10.70	127	6963	3.404	ng/ul	99
31) Hexachlorobutadiene	10.85	225	4362	3.698	ng/ul	98
32) Caprolactam	11.48	113	964	1.565	ng/ul	88
33) 4-Chloro-3-methylphenol	11.81	107	5921	3.009	ng/ul	97
34) 2-Methylnaphthalene	12.20	142	17405	3.731	ng/ul	98

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Misc : 1PPM/4PPM
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-S-ME-04

Quant Time: Feb 14 06:51:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 06:43:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	16981	3.691	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	9675	3.689	ng/ul	98
38) Hexachlorocyclopentadiene	12.53	237	5066	3.107	ng/ul	99
39) 2,4,6-Trichlorophenol	12.80	196	4244	2.739	ng/ul	97
40) 2,4,5-Trichlorophenol	12.87	196	5072	2.914	ng/ul	94
41) 1,1'-Biphenyl	13.22	154	23297	3.660	ng/ul	100
42) 2-Chloronaphthalene	13.26	162	18071	3.650	ng/ul	98
43) 2-Nitroaniline	13.47	65	2374	2.349	ng/ul	97
45) Dimethylphthalate	13.85	163	23696	3.588	ng/ul	99
46) 2,6-Dinitrotoluene	13.97	165	2834	2.434	ng/ul#	80
48) Acenaphthylene	14.10	152	27295	3.632	ng/ul	100
49) 3-Nitroaniline	14.30	138	2399	2.019	ng/ul#	91
50) Acenaphthene	14.45	153	19980	3.690	ng/ul	100
51) 2,4-Dinitrophenol	14.50	184	1324	1.828	ng/ul	90
53) 4-Nitrophenol	14.59	109	3211	3.376	ng/ul	95
54) Dibenzofuran	14.79	168	29495	3.766	ng/ul	99
55) 2,4-Dinitrotoluene	14.75	165	5273	2.886	ng/ul#	92
56) 2,3,4,6-Tetrachlorophenol	15.00	232	4717	2.970	ng/ul#	98
57) Diethylphthalate	15.21	149	21406	3.284	ng/ul	98
59) Fluorene	15.43	166	23818	3.753	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	12895	3.840	ng/ul	99
61) 4-Nitroaniline	15.46	138	2858	1.848	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.51	198	3692	3.086	ng/ul#	87
65) N-Nitrosodiphenylamine	15.65	169	19750	3.534	ng/ul	99
66) 4-Bromophenyl-phenylether	16.33	248	7760	3.559	ng/ul	99
67) Hexachlorobenzene	16.43	284	9531	3.732	ng/ul	98
68) Atrazine	16.59	200	5739	2.666	ng/ul	96
69) Pentachlorophenol	16.77	266	3361	2.258	ng/ul	99
70) Phenanthrene	17.17	178	40362	3.728	ng/ul	98
72) Anthracene	17.27	178	40558	3.721	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.18	216	9985	3.731	ng/uL	98
74) Pentachlorobenzene	14.70	250	10663	3.727	ng/uL	99
75) Carbazole	17.54	167	32793	3.367	ng/ul	99
76) Di-n-butylphthalate	18.10	149	28159	2.634	ng/ul	99
77) Fluoranthene	19.20	202	47140	3.537	ng/ul	97
80) Pyrene	19.56	202	53429	3.641	ng/ul	99
81) Butylbenzylphthalate	20.46	149	11039	2.189	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.25	252	10348	1.859	ng/ul	99
83) Benzo(a)anthracene	21.32	228	57181	3.496	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	16596	2.196	ng/ul	100
85) Chrysene	21.36	228	57704	3.717	ng/ul	99
87) Di-n-octyl phthalate	22.13	149	30498	2.074	ng/ul	100
88) Benzo(b)fluoranthene	22.91	252	62782	3.452	ng/ul	98
89) Benzo(k)fluoranthene	22.96	252	62574	3.539	ng/ul	99
91) Benzo(a)pyrene	23.50	252	64747	3.649	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.89	276	78410	3.480	ng/ul	99
93) Dibenzo(a,h)anthracene	25.90	278	66931	3.570	ng/ul	98
94) Benzo(g,h,i)perylene	26.59	276	66799	3.537	ng/ul	97

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Sample : MDL-S-ME-04
Misc : 1PPM/4PPM
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Quant Time: Feb 14 06:51:50 2019
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Quant Title : SVOA CALIBRATION
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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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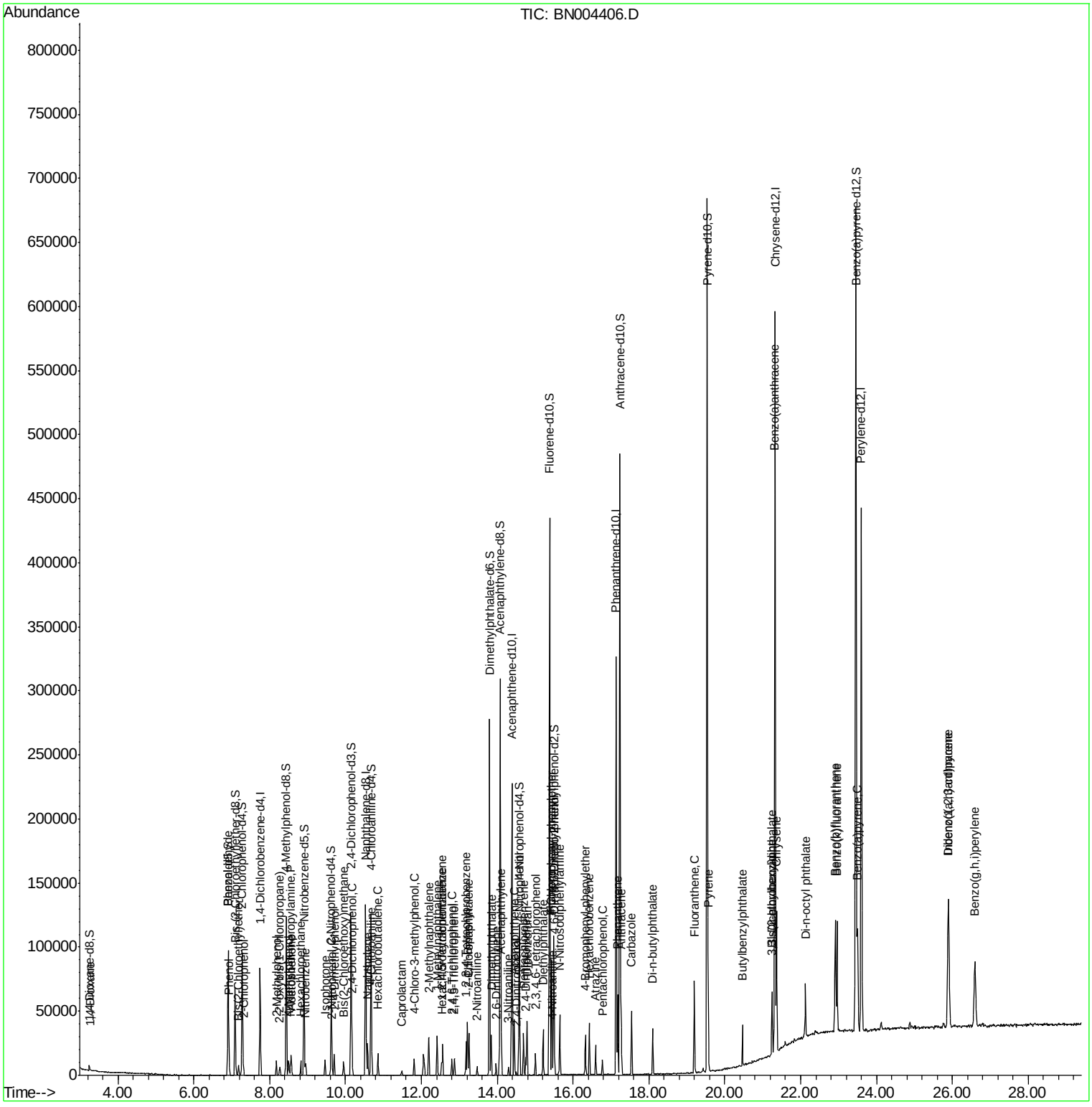
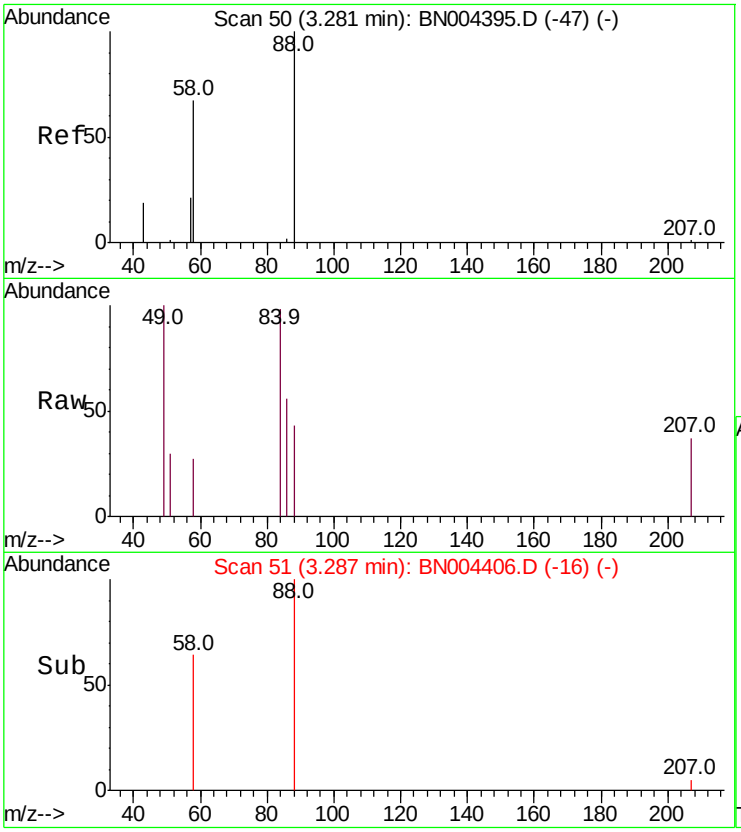
Quant Time: Feb 14 06:51:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 06:43:40 2019
Response via : Initial Calibration



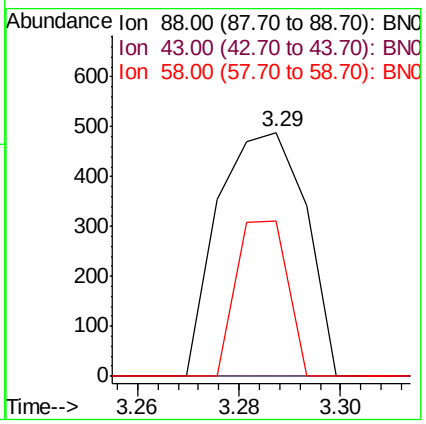


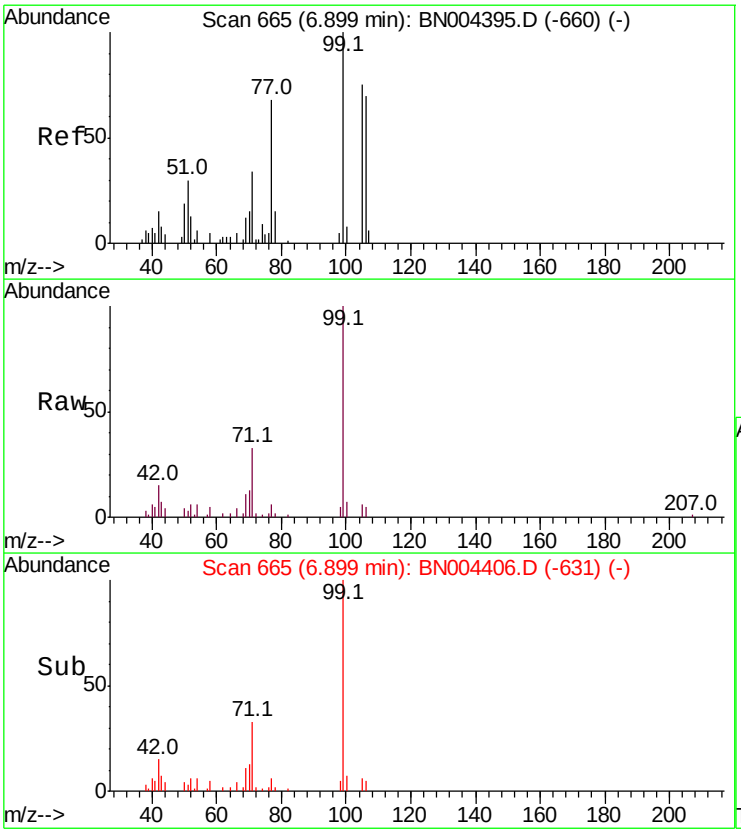
#2
1,4-Dioxane
Concen: 1.178 ng/uL
RT: 3.29 min Scan# 51
Delta R.T. 0.01 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion: 88 Resp: 584

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.6	38.4#
58	63.5	54.6	82.0

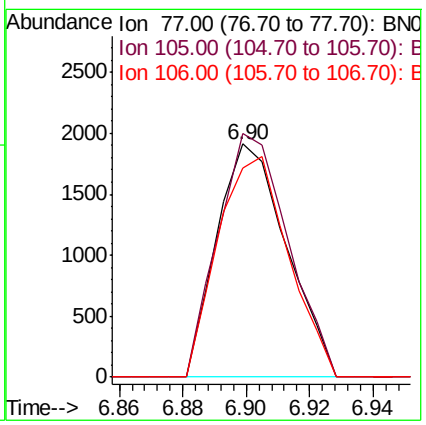


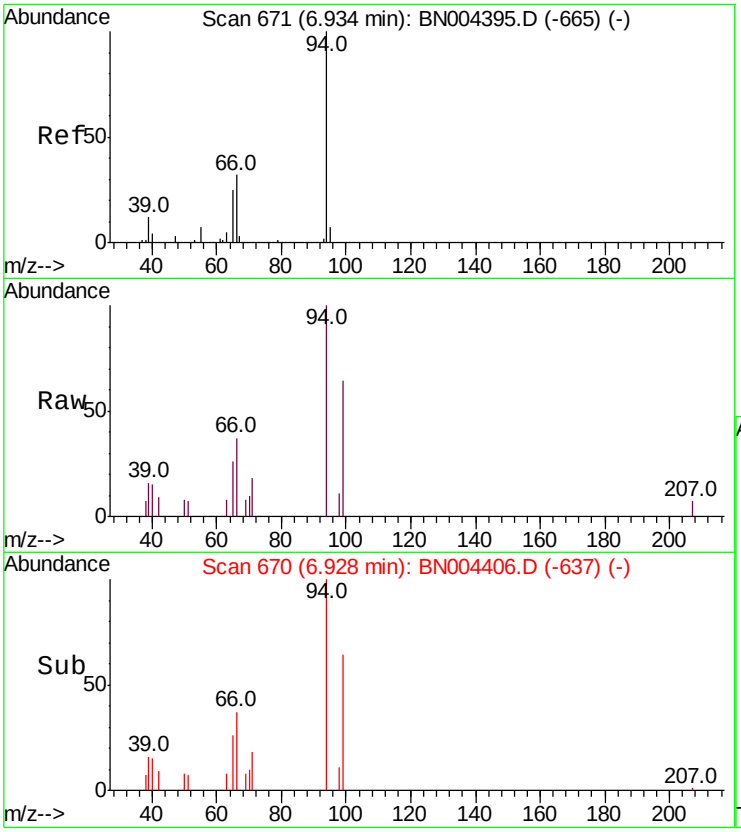


#4
Benzaldehyde
Concen: 2.355 ng/ul
RT: 6.90 min Scan# 665
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion: 77 Resp: 2918

Ion	Ratio	Lower	Upper
77	100		
105	104.6	85.4	128.0
106	89.8	84.8	127.2



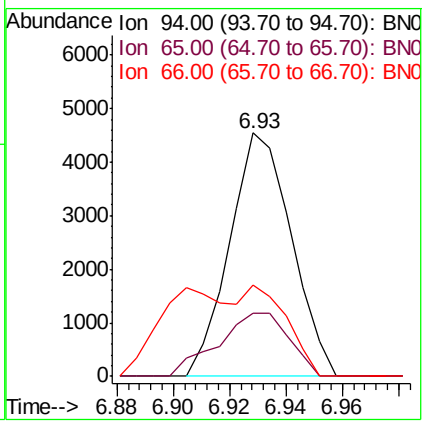


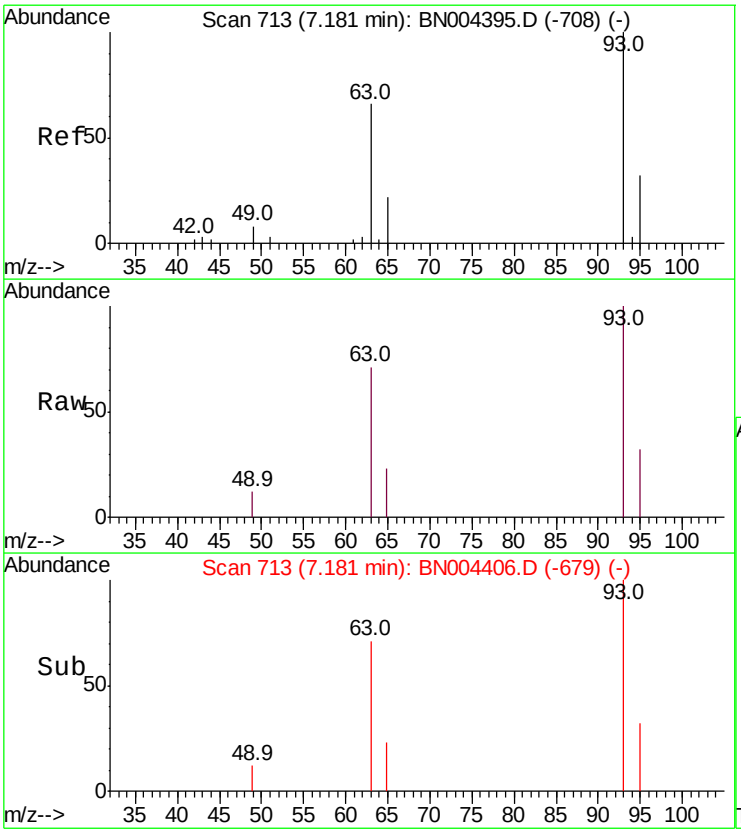
#6
Phenol
Concen: 3.201 ng/ul
RT: 6.93 min Scan# 670
Delta R.T. -0.01 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion: 94 Resp: 6898

Ion	Ratio	Lower	Upper
94	100		
65	26.1	20.2	30.4
66	37.4	28.2	42.2

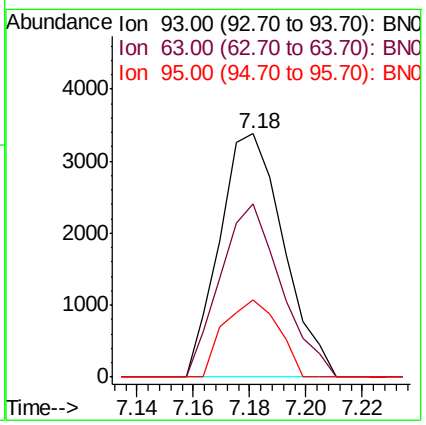


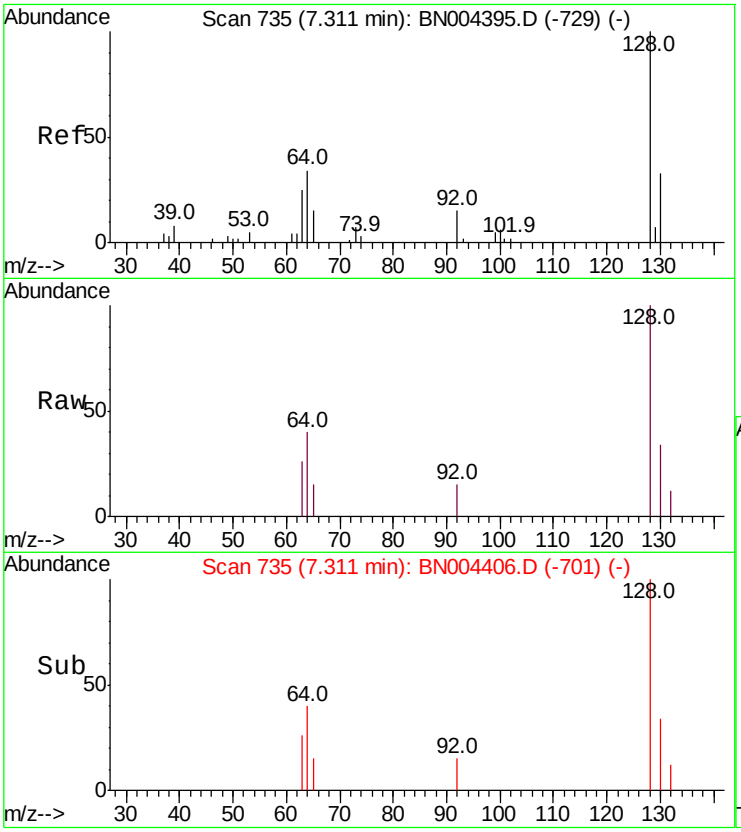


#8
Bis(2-Chloroethyl)ether
Concen: 3.450 ng/ul
RT: 7.18 min Scan# 713
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion: 93 Resp: 5318

Ion	Ratio	Lower	Upper
93	100		
63	71.4	52.8	79.2
95	32.0	25.9	38.9



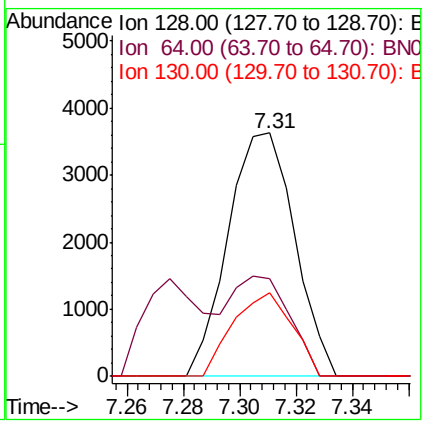


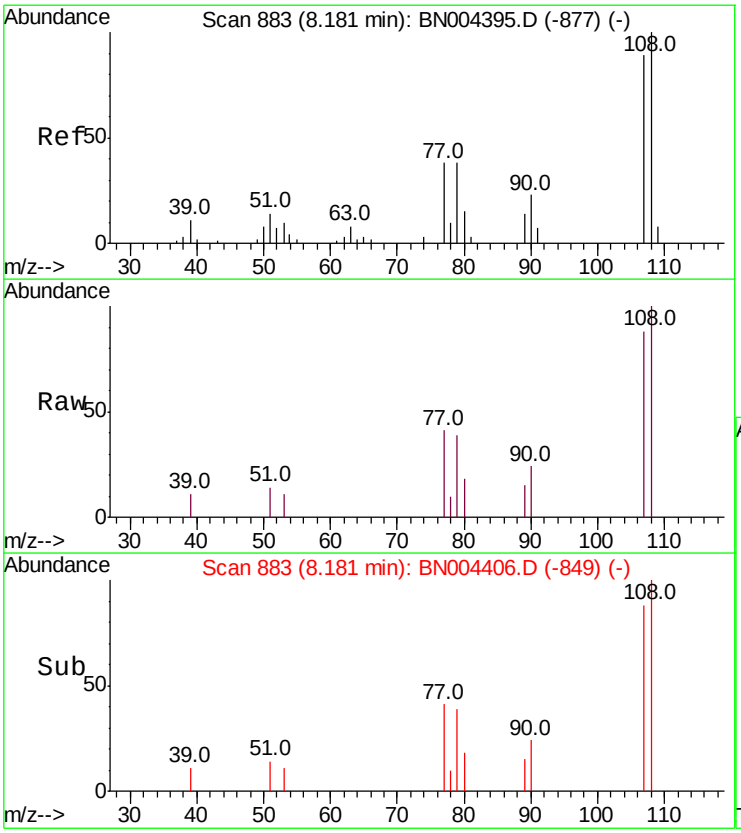
#10
2-Chlorophenol
Concen: 3.417 ng/ul
RT: 7.31 min Scan# 735
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:128 Resp: 5954

Ion	Ratio	Lower	Upper
128	100		
64	40.0	31.0	46.6
130	34.4	26.1	39.1

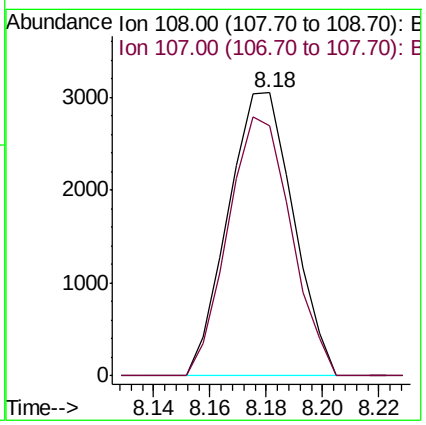


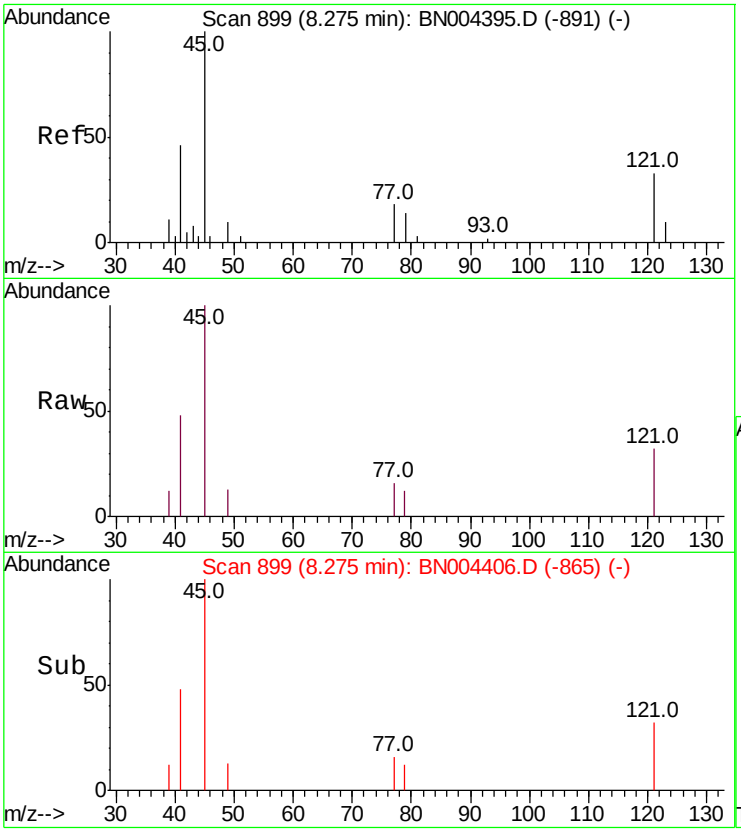


#11
2-Methylphenol
Concen: 2.831 ng/ul
RT: 8.18 min Scan# 883
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:108 Resp: 4879

Ion	Ratio	Lower	Upper
108	100		
107	88.5	72.7	109.1



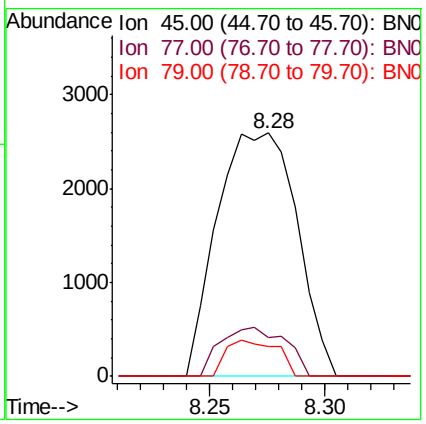


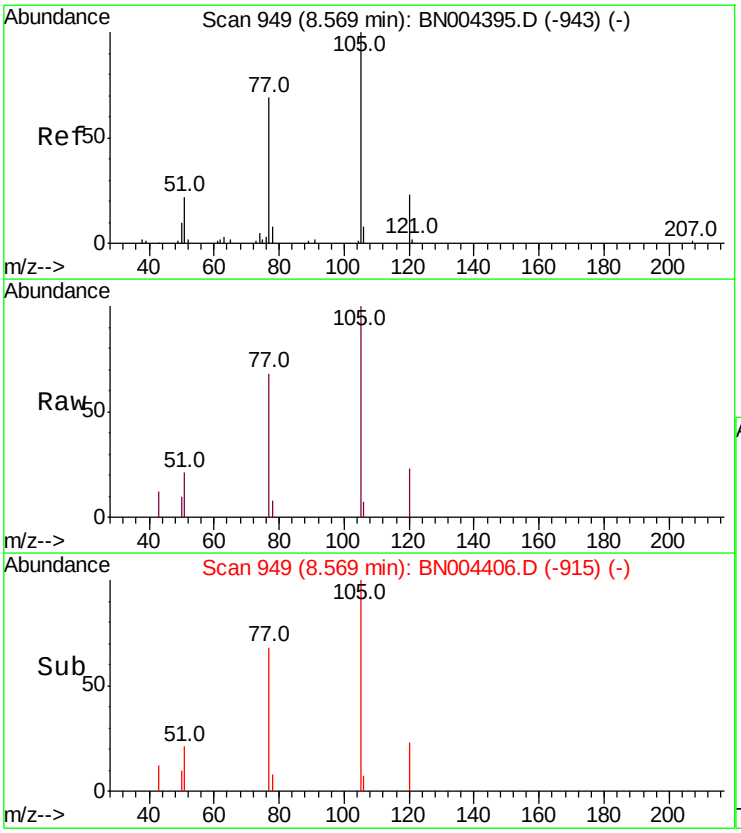
#12
2,2'-oxybis(1-Chloropropane)
Concen: 3.401 ng/ul
RT: 8.28 min Scan# 899
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion: 45 Resp: 6214

Ion	Ratio	Lower	Upper
45	100		
77	16.1	14.1	21.1
79	12.4	10.8	16.2

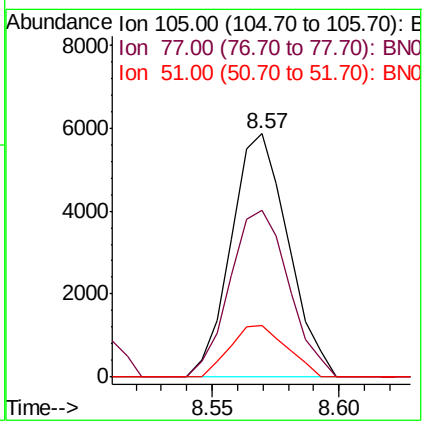


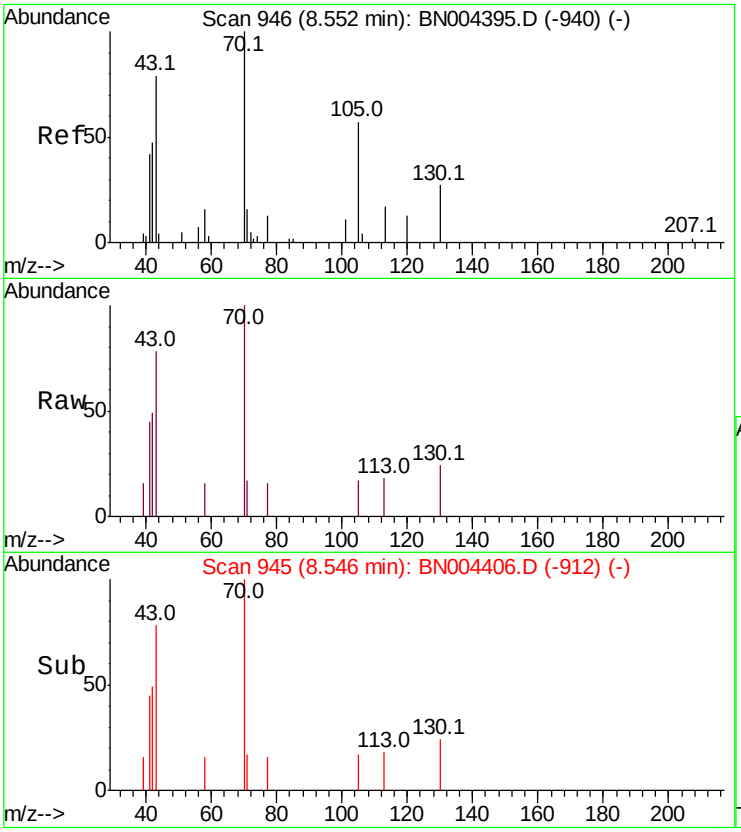


#14
Acetophenone
Concen: 3.317 ng/ul
RT: 8.57 min Scan# 949
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:105 Resp: 9170

Ion	Ratio	Lower	Upper
105	100		
77	68.3	56.1	84.1
51	21.3	17.2	25.8



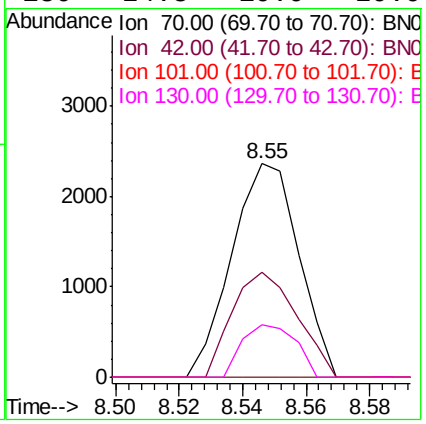


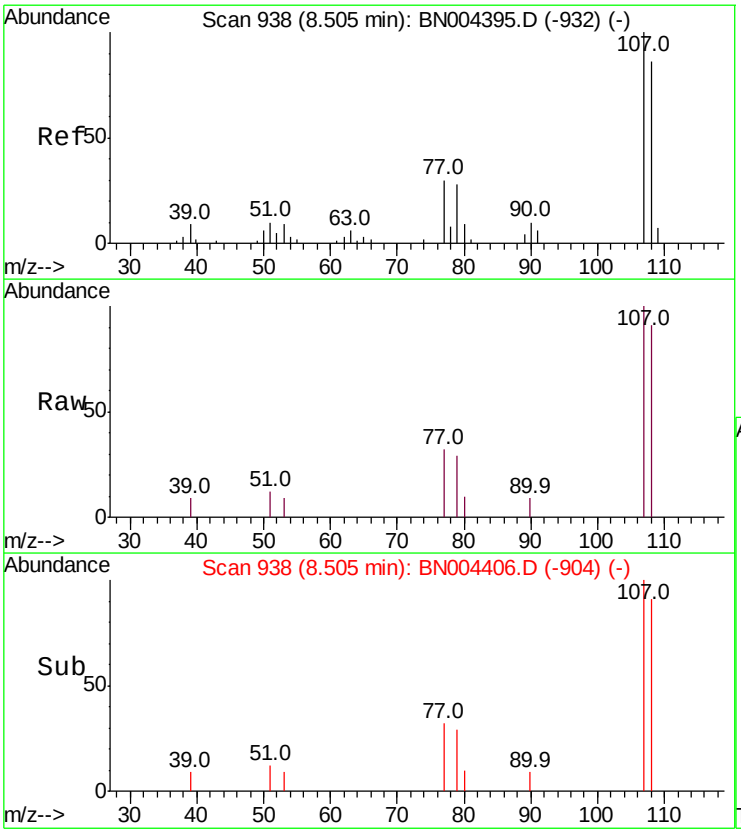
#15
N-Nitroso-di-n-propylamine
Concen: 2.932 ng/ul
RT: 8.55 min Scan# 945
Delta R.T. -0.01 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion: 70 Resp: 3477

Ion	Ratio	Lower	Upper
70	100		
42	49.4	38.6	58.0
101	0.0	8.4	12.6#
130	24.3	19.9	29.9

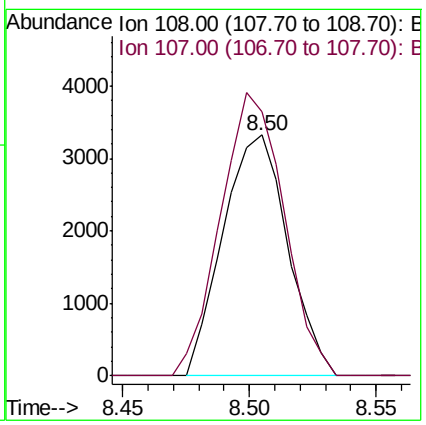


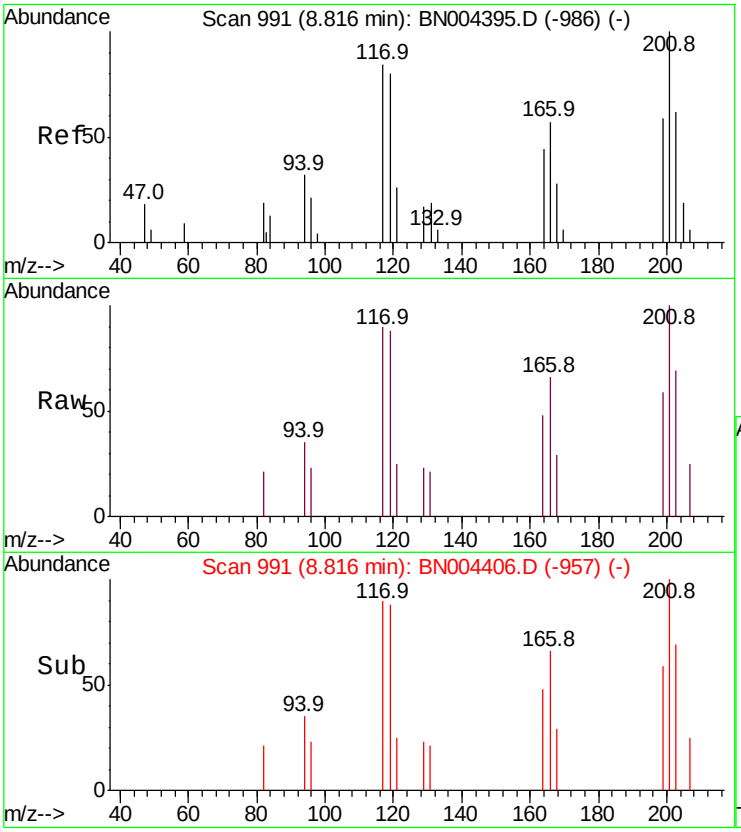


#16
4-Methylphenol
Concen: 3.093 ng/ul
RT: 8.50 min Scan# 938
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:108 Resp: 5900

Ion	Ratio	Lower	Upper
108	100		
107	109.5	87.8	131.6



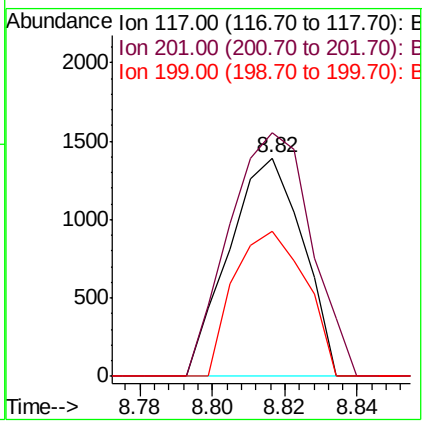


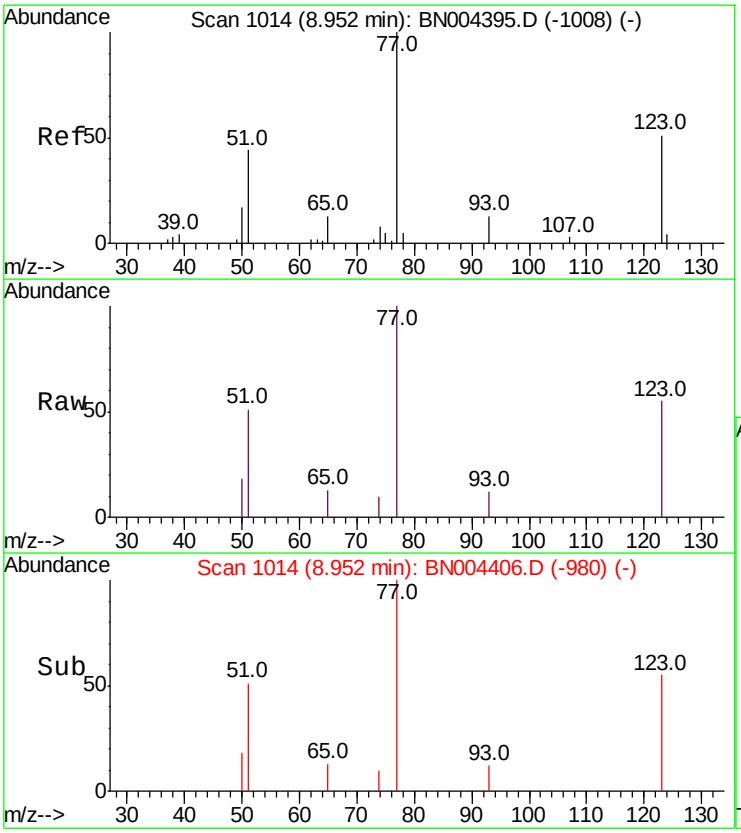
#17
Hexachloroethane
Concen: 3.227 ng/ul
RT: 8.82 min Scan# 991
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:117 Resp: 1969

Ion	Ratio	Lower	Upper
117	100		
201	111.6	85.0	127.6
199	66.4	53.8	80.8

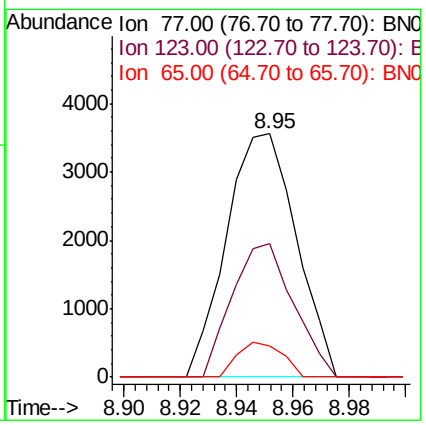


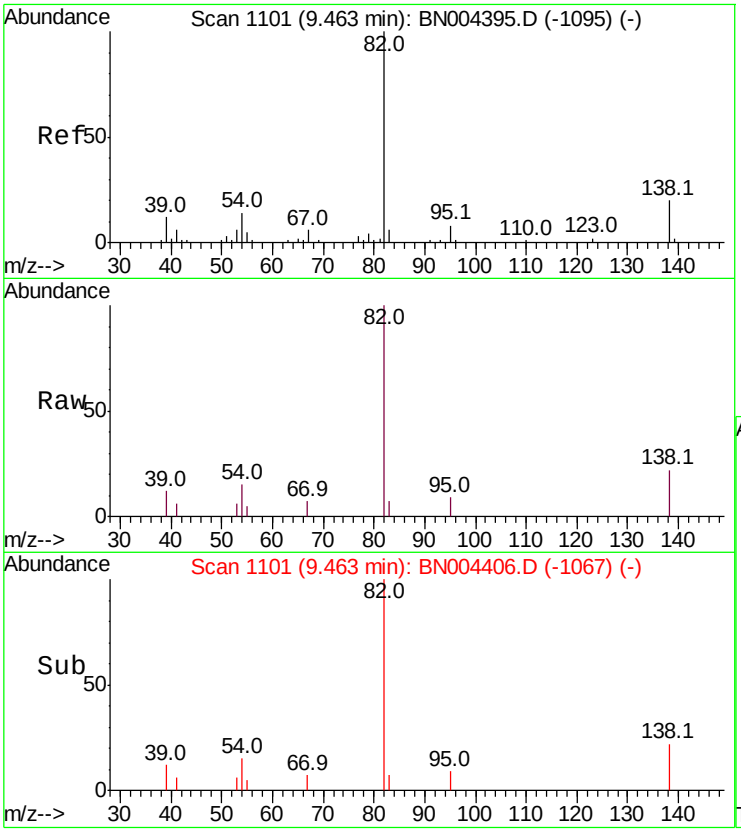


#20
Nitrobenzene
Concen: 3.577 ng/ul
RT: 8.95 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion: 77 Resp: 6110

Ion	Ratio	Lower	Upper
77	100		
123	55.0	41.6	62.4
65	12.8	10.2	15.4



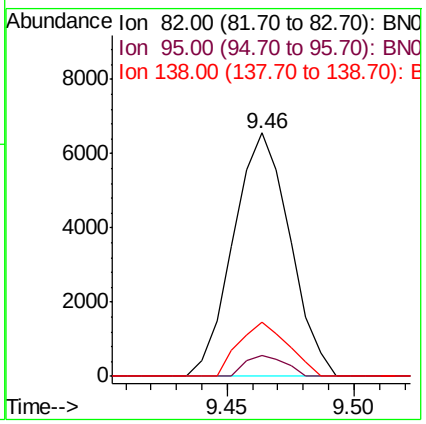


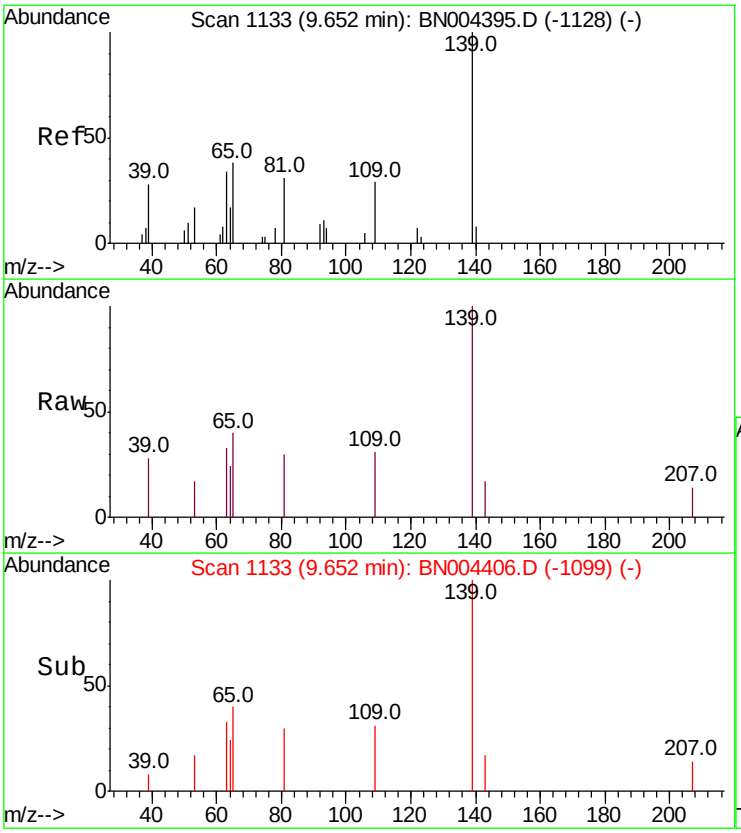
#21
Isophorone
Concen: 2.921 ng/ul
RT: 9.46 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion: 82 Resp: 10223

Ion	Ratio	Lower	Upper
82	100		
95	8.6	6.2	9.4
138	22.3	16.5	24.7

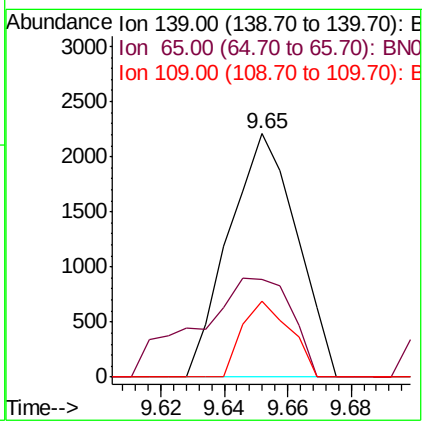


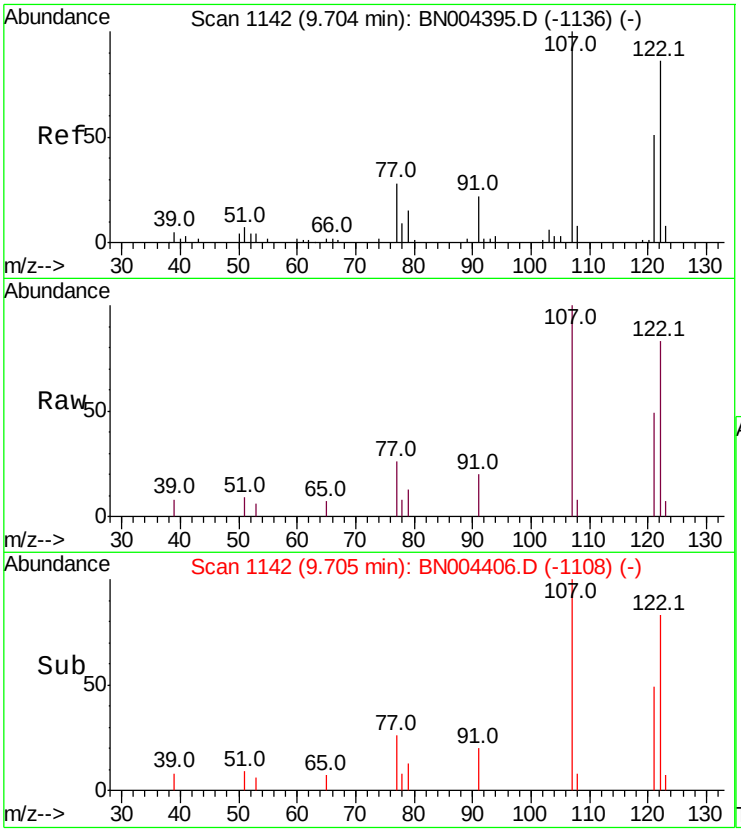


#23
2-Nitrophenol
Concen: 3.587 ng/ul
RT: 9.65 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:139 Resp: 3280

Ion	Ratio	Lower	Upper
139	100		
65	40.2	32.7	49.1
109	31.1	22.8	34.2



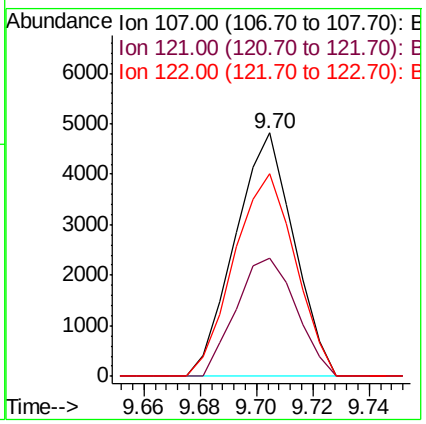


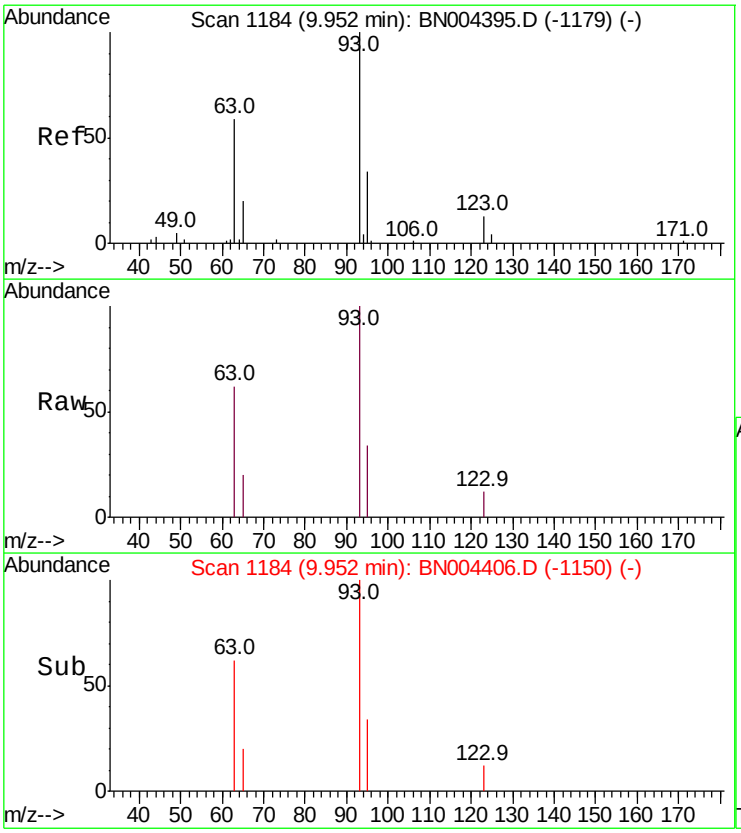
#24
2,4-Dimethylphenol
Concen: 3.369 ng/ul
RT: 9.70 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:107 Resp: 6948

Ion	Ratio	Lower	Upper
107	100		
121	48.6	41.5	62.3
122	83.2	69.0	103.4

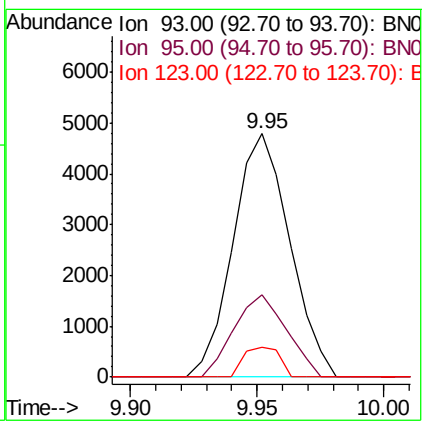


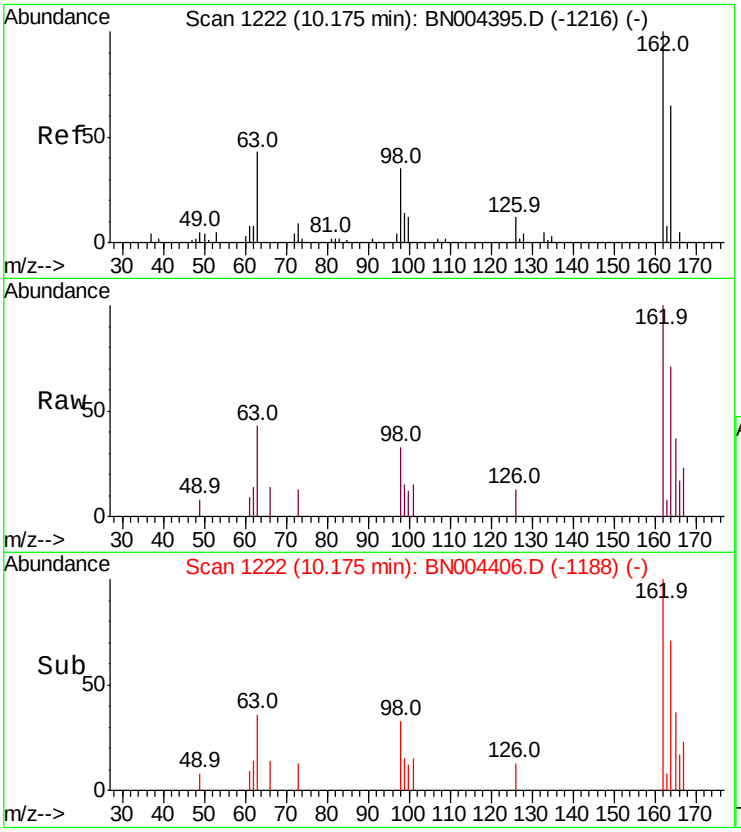


#25
Bis(2-Chloroethoxy)methane
Concen: 3.270 ng/ul
RT: 9.95 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion: 93 Resp: 7426

Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.2	39.4
123	12.1	10.0	15.0



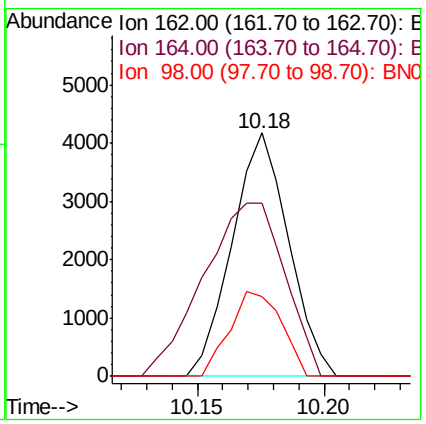


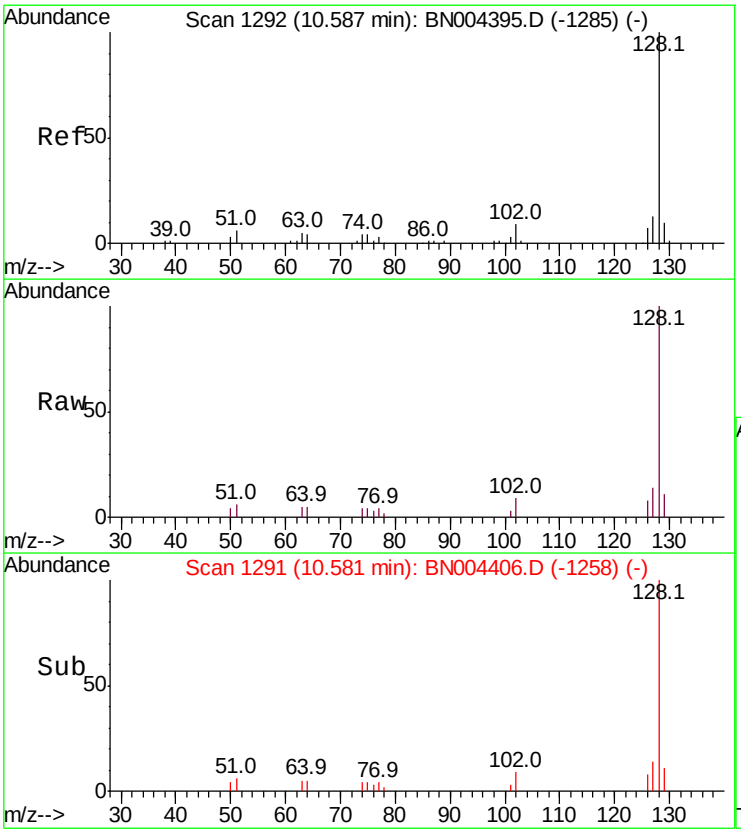
#27
2,4-Dichlorophenol
Concen: 3.540 ng/ul
RT: 10.18 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:162 Resp: 6459

Ion	Ratio	Lower	Upper
162	100		
164	71.3	53.0	79.4
98	33.0	27.0	40.4

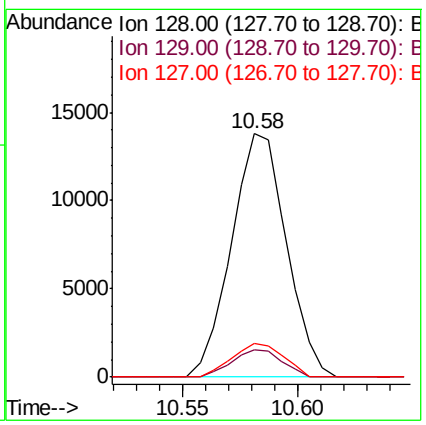


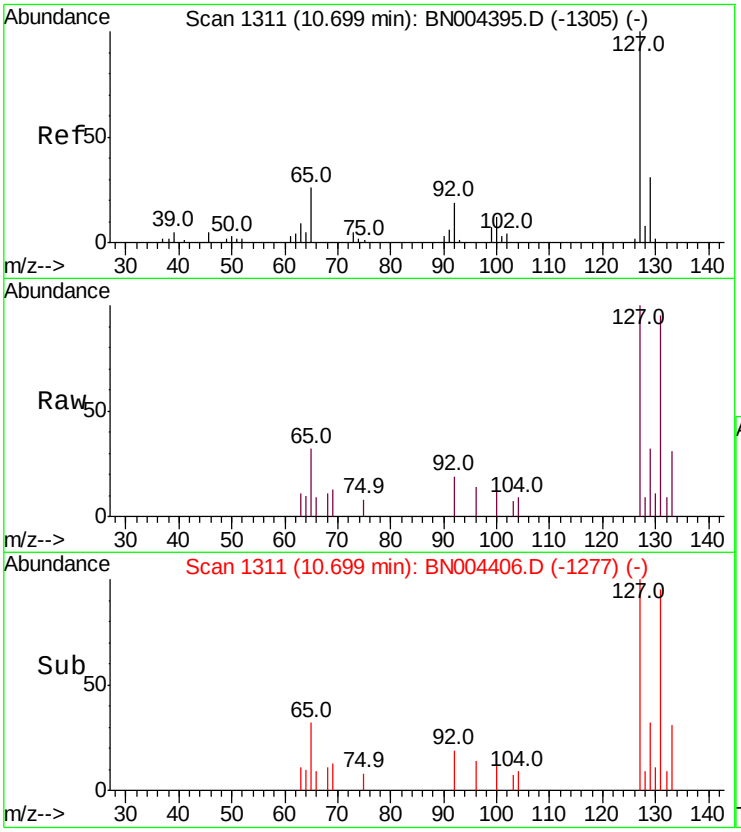


#28
Naphthalene
Concen: 3.759 ng/ul
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:128 Resp: 22858

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	14.0	10.2	15.4



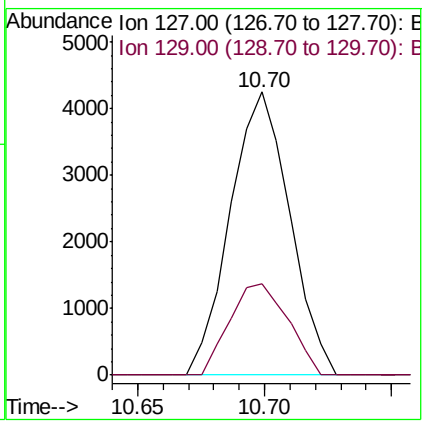


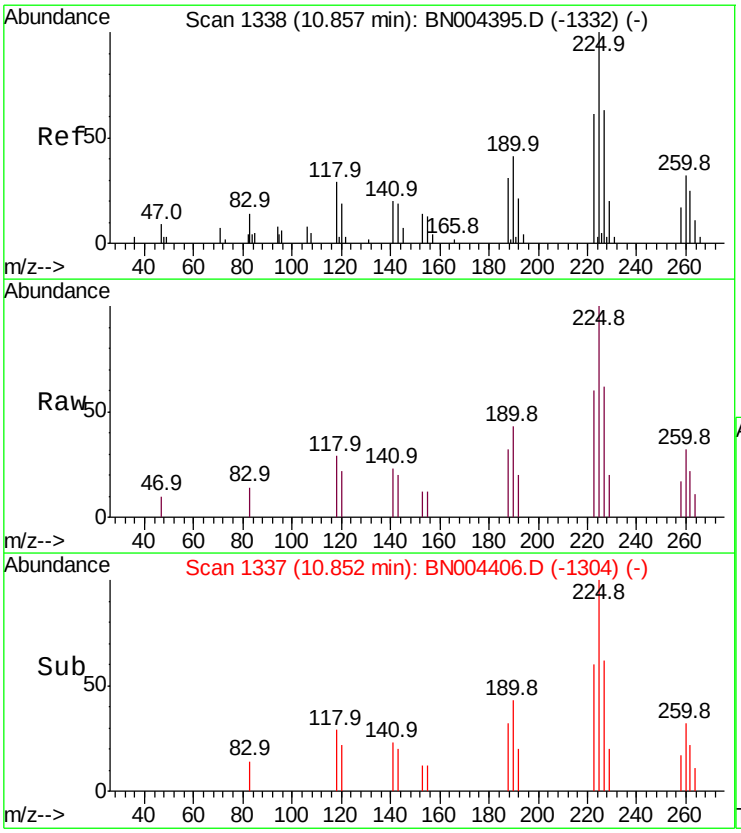
#30
4-Chloroaniline
Concen: 3.404 ng/ul
RT: 10.70 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:127 Resp: 6963

Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1

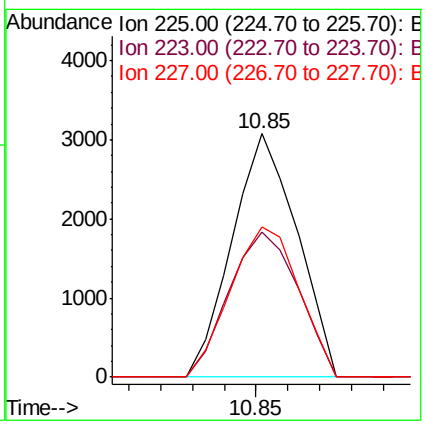


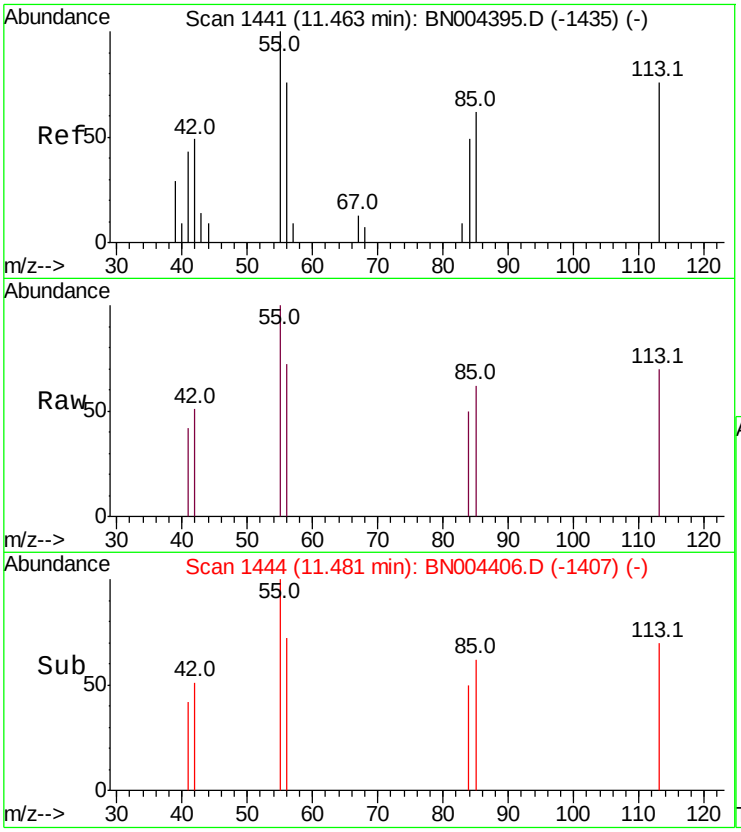


#31
Hexachlorobutadiene
Concen: 3.698 ng/ul
RT: 10.85 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:225 Resp: 4362

Ion	Ratio	Lower	Upper
225	100		
223	59.8	49.8	74.6
227	61.9	50.2	75.2



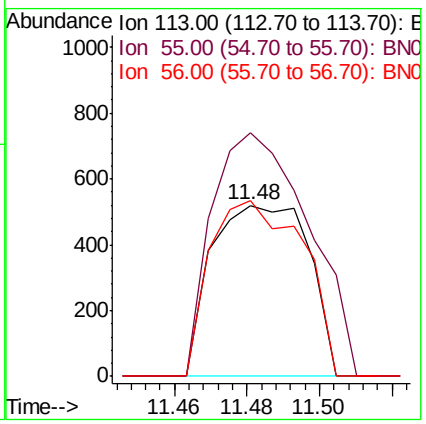


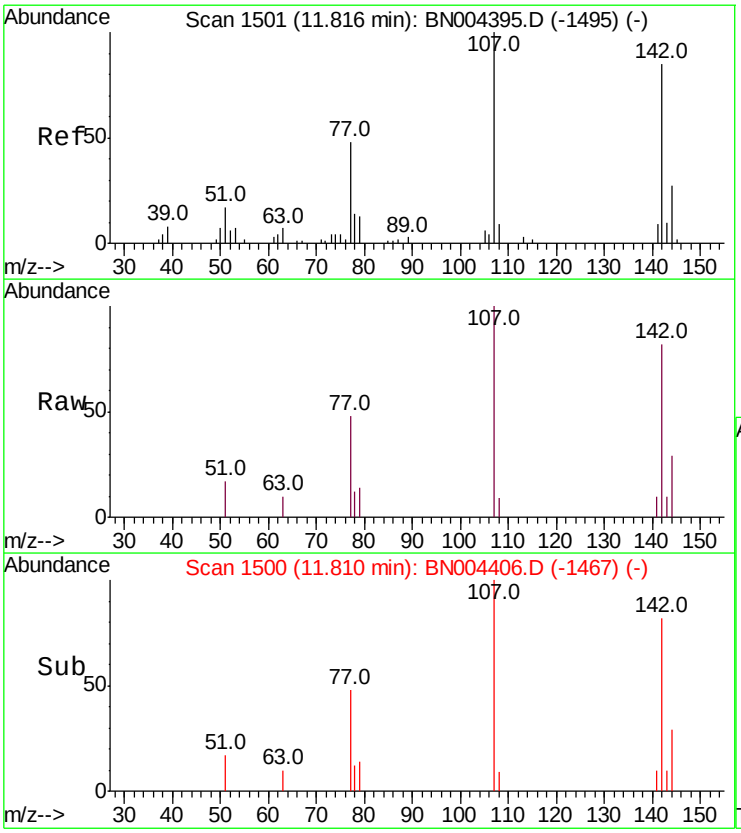
#32
Caprolactam
Concen: 1.565 ng/ul
RT: 11.48 min Scan# 1444
Delta R.T. 0.02 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:113 Resp: 964

Ion	Ratio	Lower	Upper
113	100		
55	142.6	100.7	151.1
56	102.9	76.1	114.1

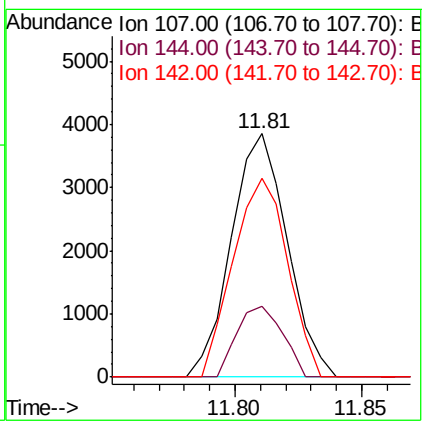


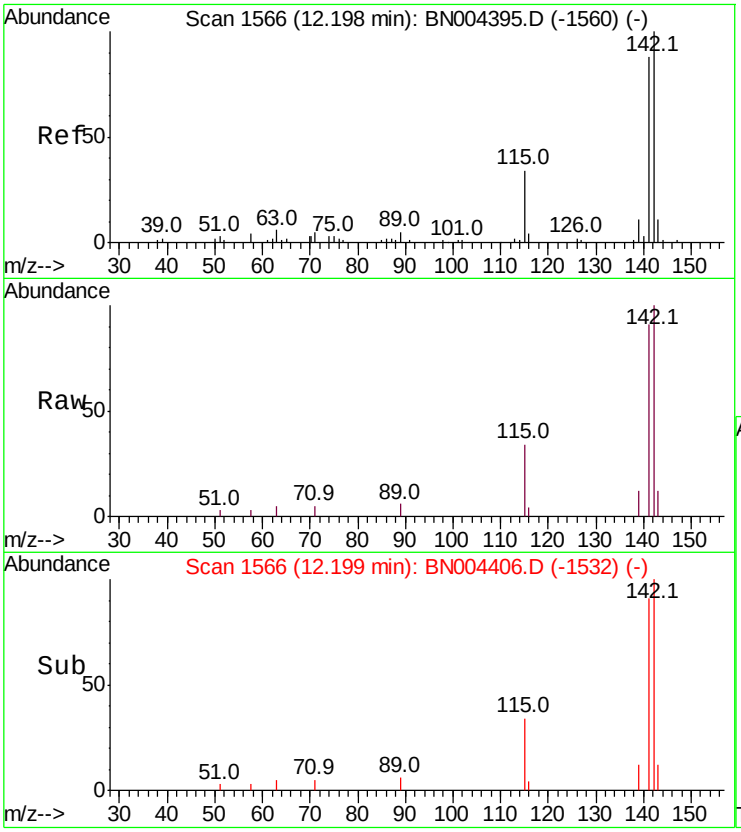


#33
4-Chloro-3-methylphenol
Concen: 3.009 ng/ul
RT: 11.81 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:107 Resp: 5921

Ion	Ratio	Lower	Upper
107	100		
144	29.2	22.2	33.4
142	81.7	67.4	101.0



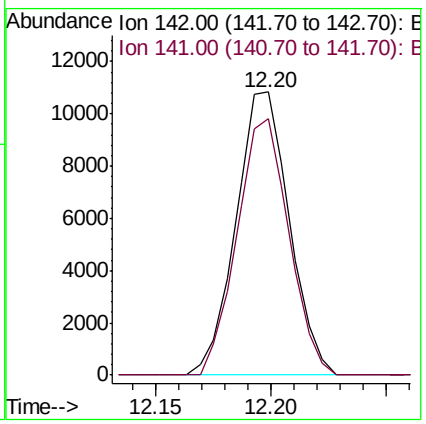


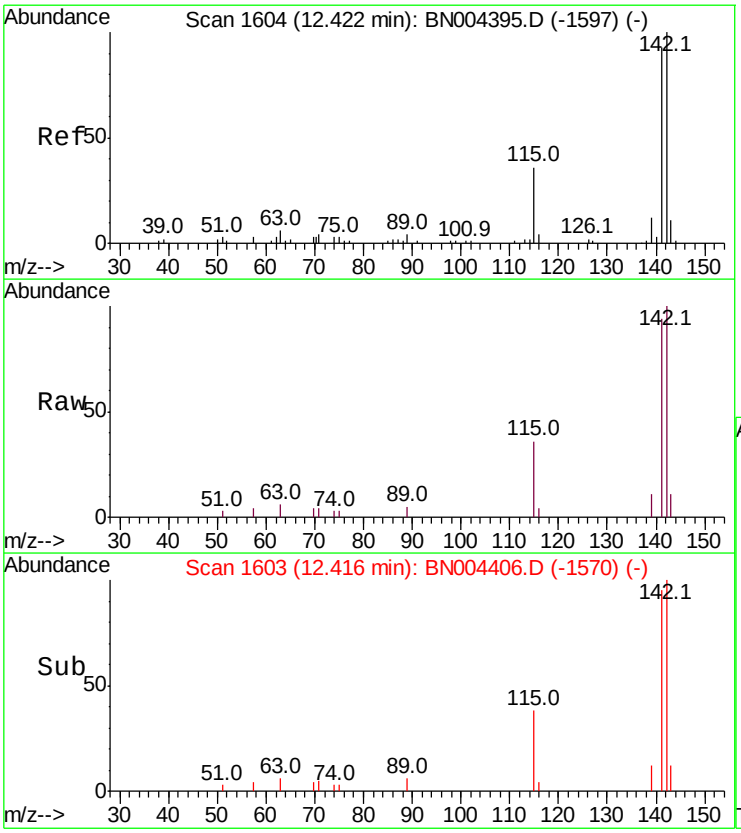
#34
2-Methylnaphthalene
Concen: 3.731 ng/ul
RT: 12.20 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:142 Resp: 17405

Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.0	106.6

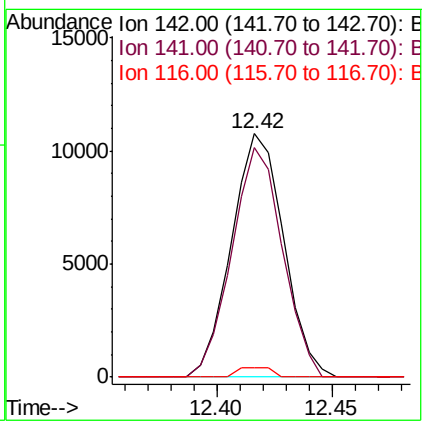


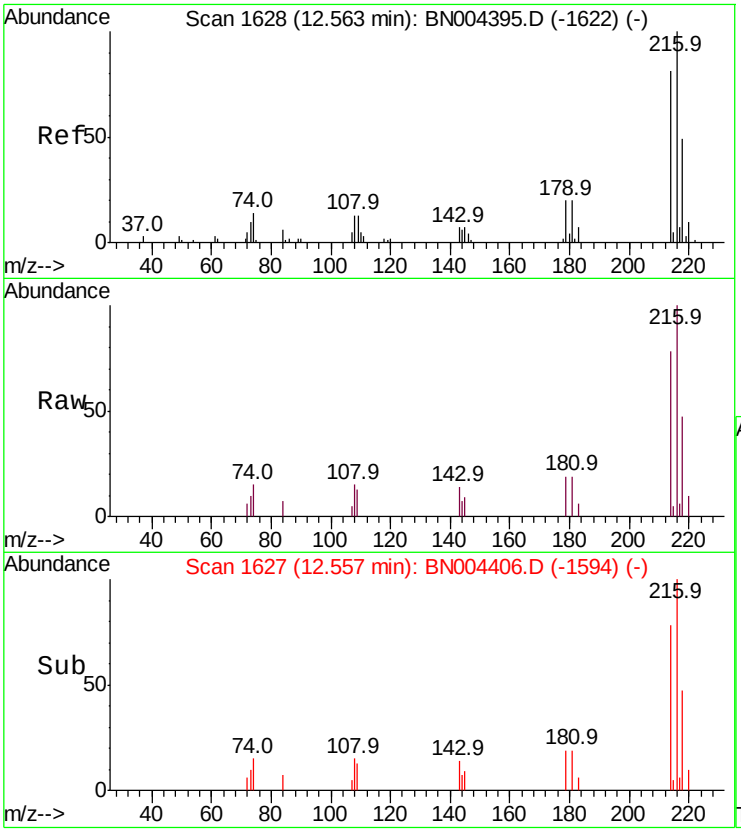


#35
1-Methylnaphthalene
Concen: 3.691 ng/ul
RT: 12.42 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:142 Resp: 16981

Ion	Ratio	Lower	Upper
142	100		
141	94.1	74.9	112.3
116	3.9	3.1	4.7



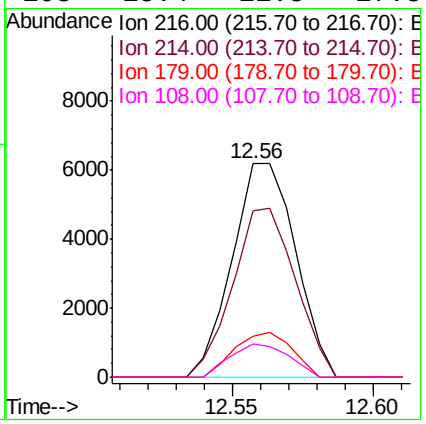


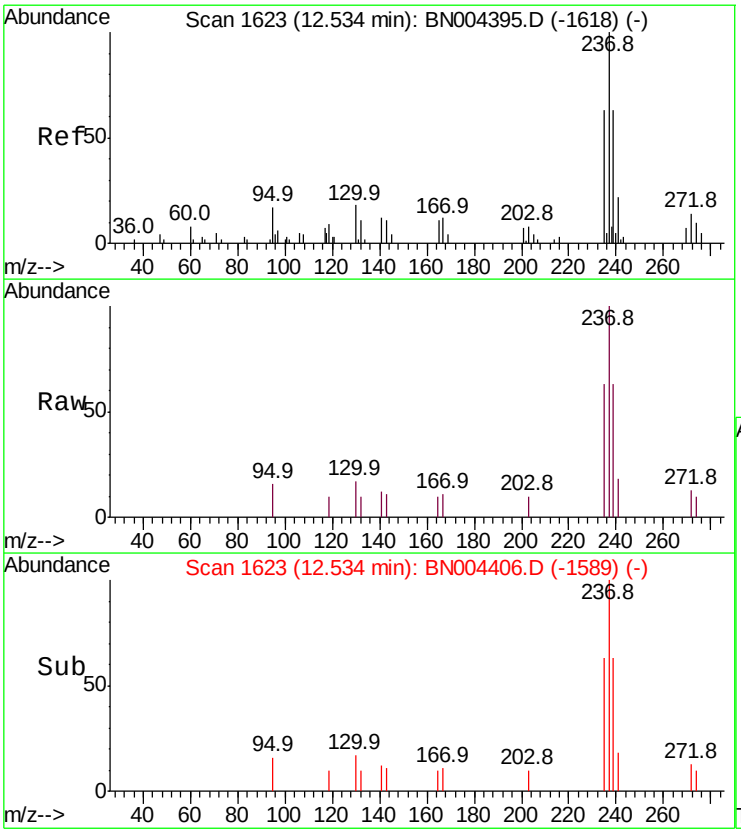
#37
1,2,4,5-Tetrachlorobenzene
Concen: 3.689 ng/ul
RT: 12.56 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:216 Resp: 9675

Ion	Ratio	Lower	Upper
216	100		
214	78.1	60.9	91.3
179	19.1	16.2	24.4
108	15.4	11.5	17.3

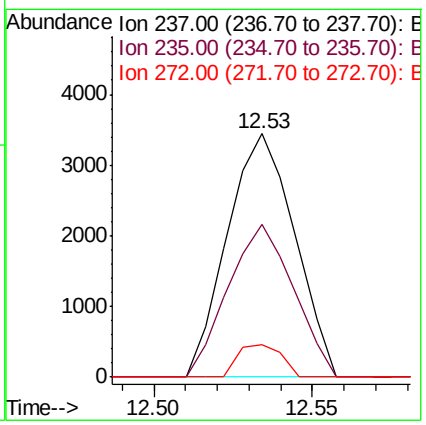


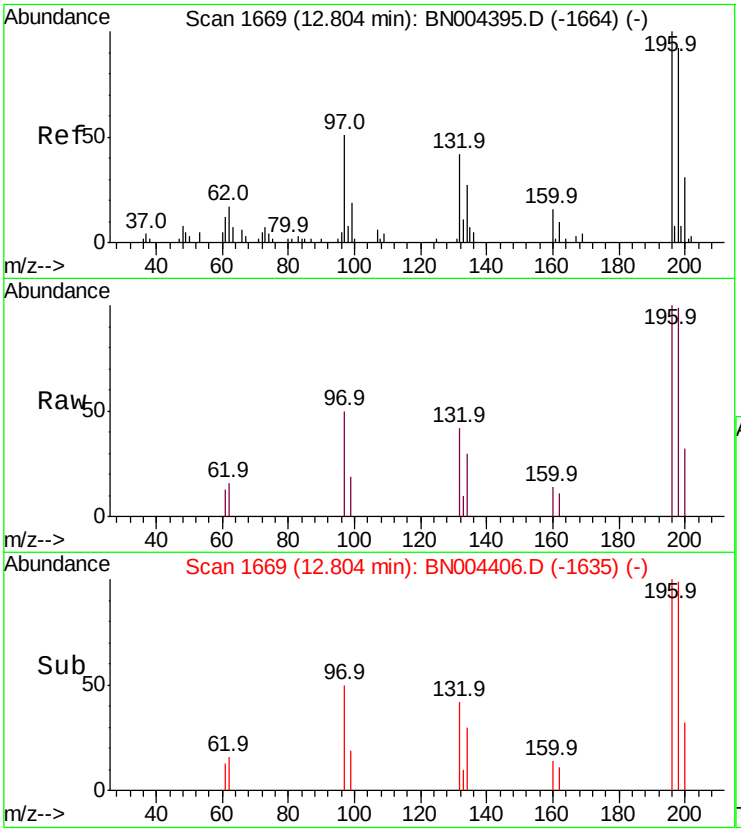


#38
Hexachlorocyclopentadiene
Concen: 3.107 ng/ul
RT: 12.53 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:237 Resp: 5066

Ion	Ratio	Lower	Upper
237	100		
235	62.7	50.8	76.2
272	13.2	10.4	15.6



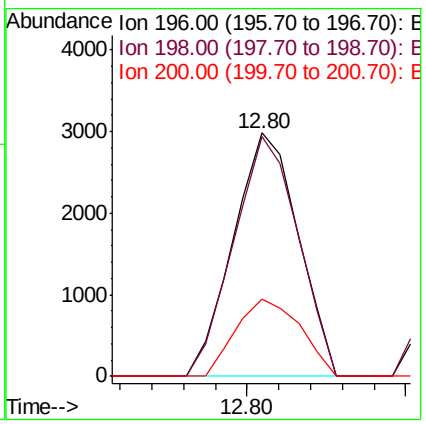


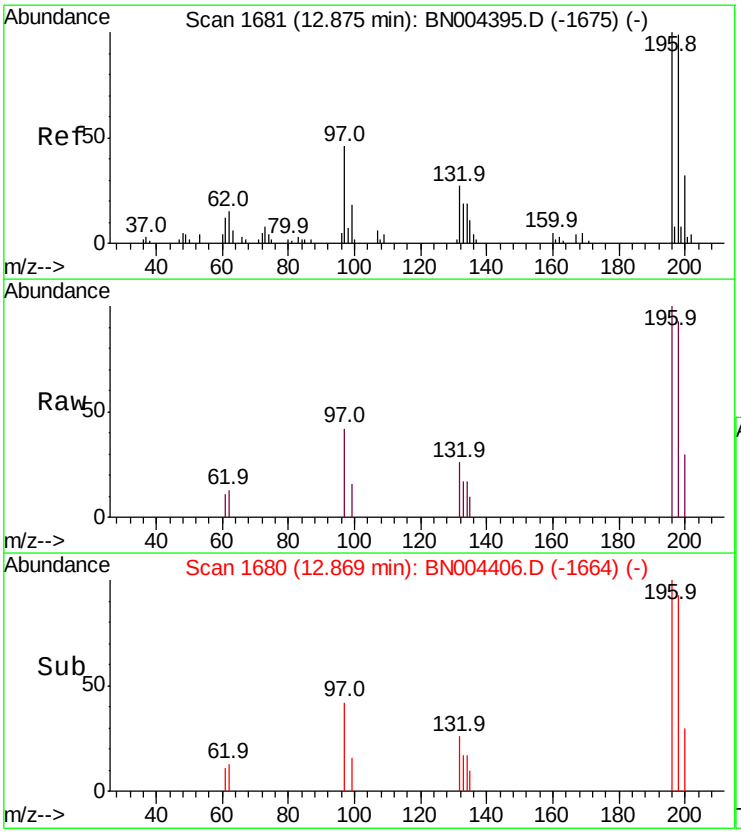
#39
2,4,6-Trichlorophenol
Concen: 2.739 ng/ul
RT: 12.80 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:196 Resp: 4244

Ion	Ratio	Lower	Upper
196	100		
198	98.6	76.6	115.0
200	31.7	24.5	36.7

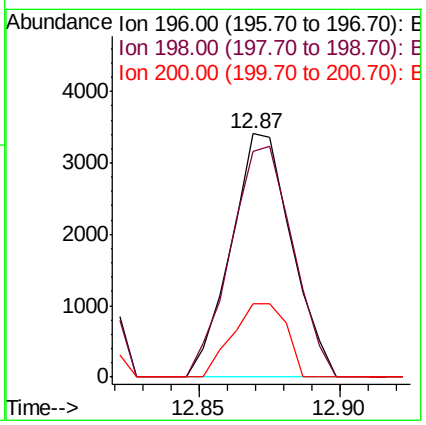


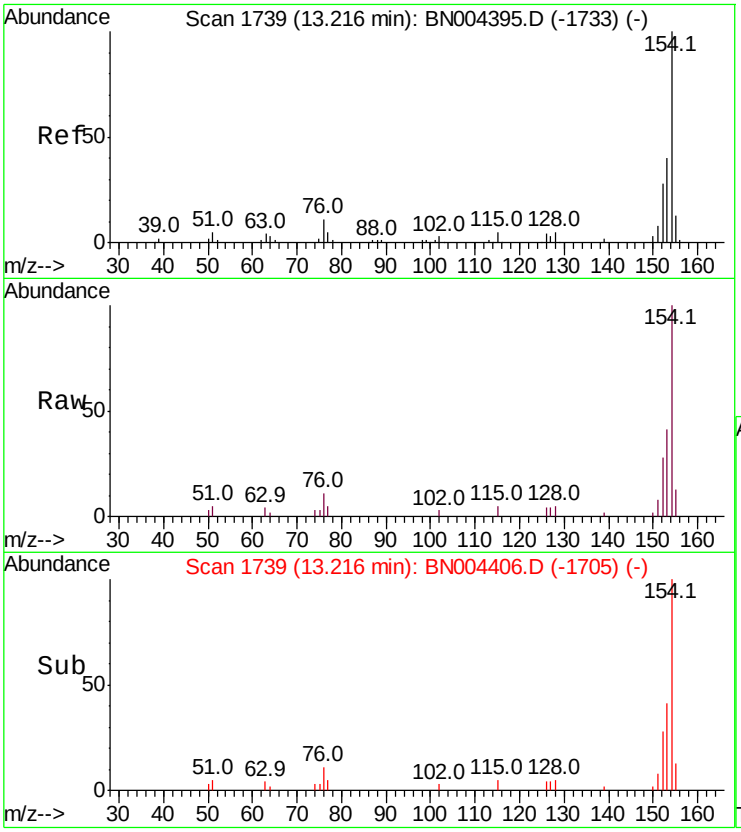


#40
2,4,5-Trichlorophenol
Concen: 2.914 ng/ul
RT: 12.87 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:196 Resp: 5072

Ion	Ratio	Lower	Upper
196	100		
198	92.8	79.9	119.9
200	30.1	25.9	38.9



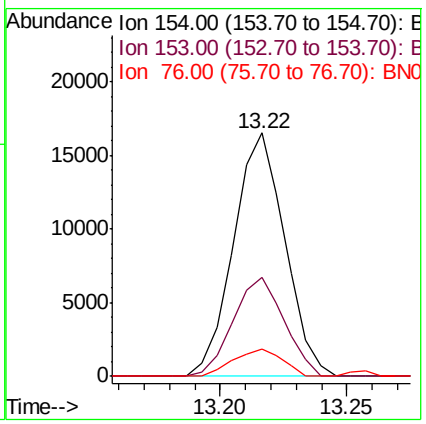


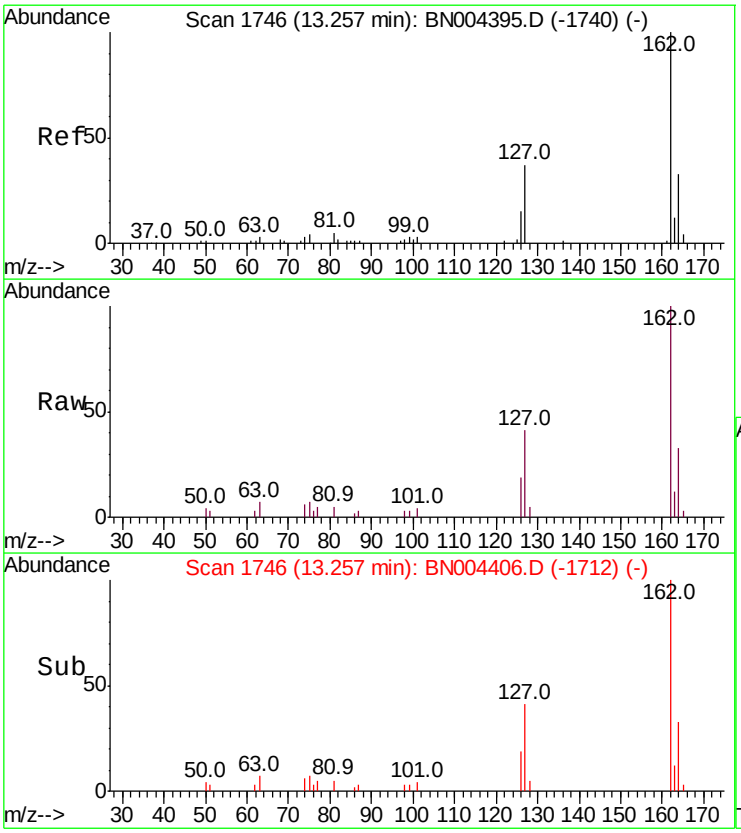
#41
1,1'-Biphenyl
Concen: 3.660 ng/ul
RT: 13.22 min Scan# 1739
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:154 Resp: 23297

Ion	Ratio	Lower	Upper
154	100		
153	40.8	32.6	48.8
76	11.3	9.2	13.8

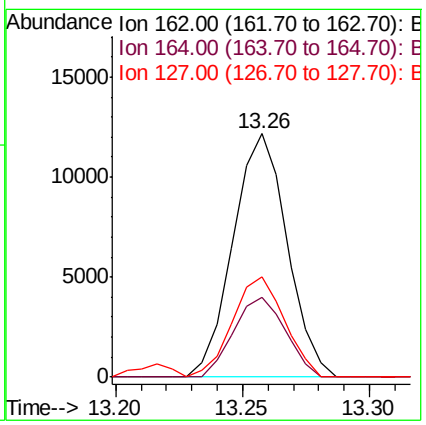


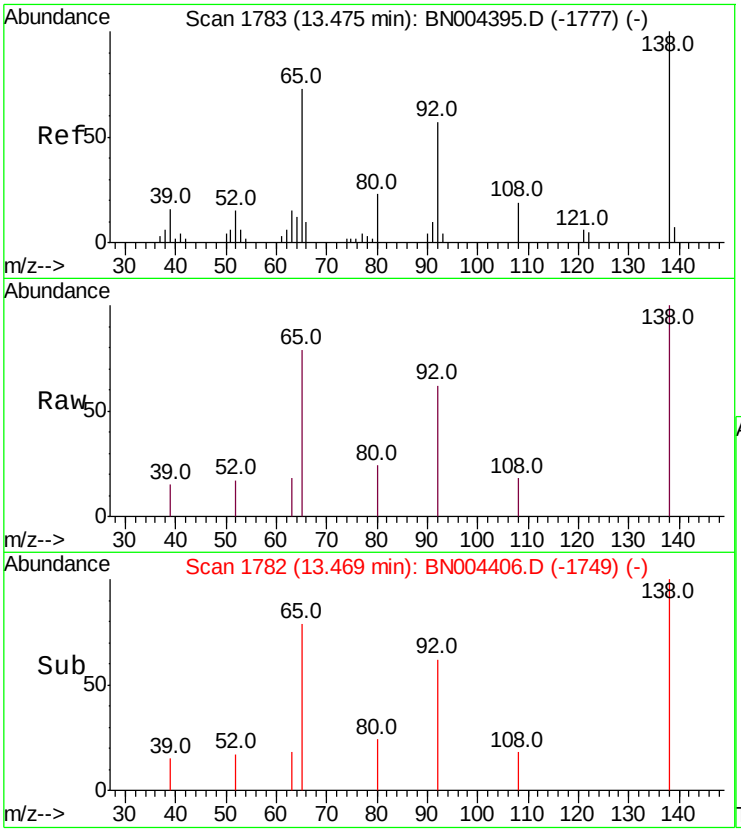


#42
2-Chloronaphthalene
Concen: 3.650 ng/ul
RT: 13.26 min Scan# 1746
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:162 Resp: 18071

Ion	Ratio	Lower	Upper
162	100		
164	32.7	26.4	39.6
127	41.3	31.8	47.6



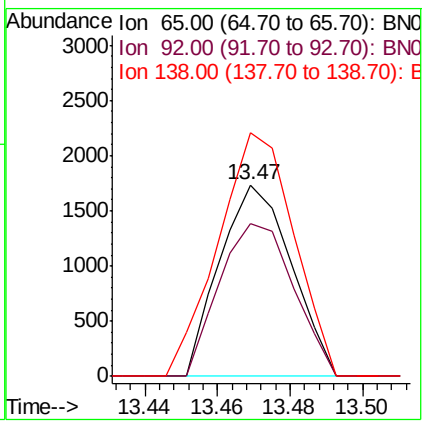


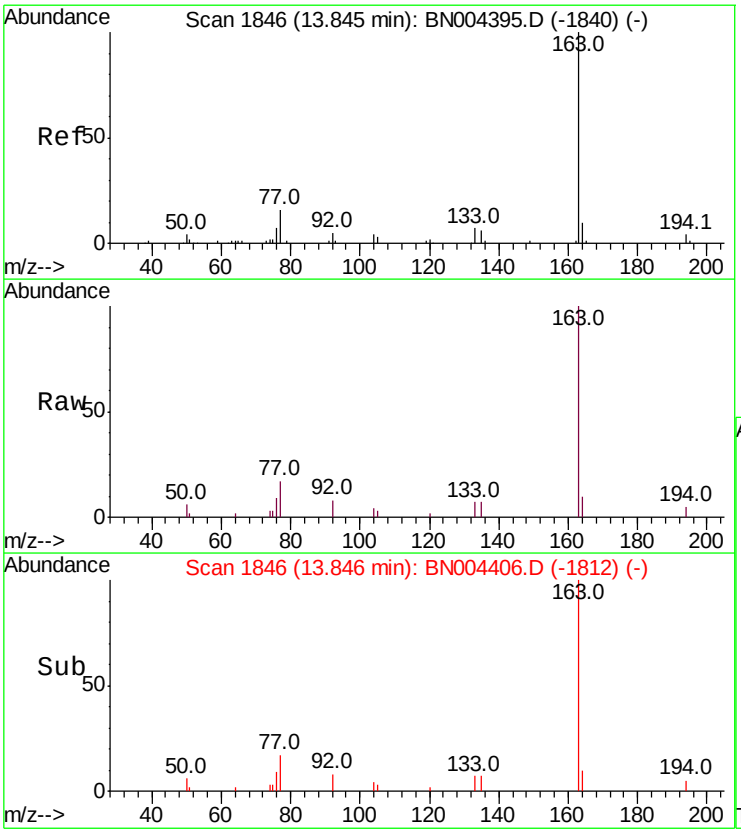
#43
2-Nitroaniline
Concen: 2.349 ng/ul
RT: 13.47 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion: 65 Resp: 2374

Ion	Ratio	Lower	Upper
65	100		
92	79.4	62.1	93.1
138	127.1	105.0	157.6

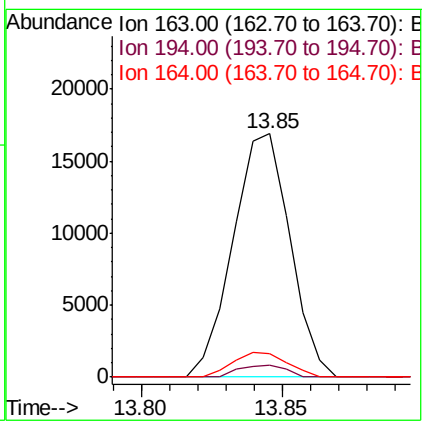


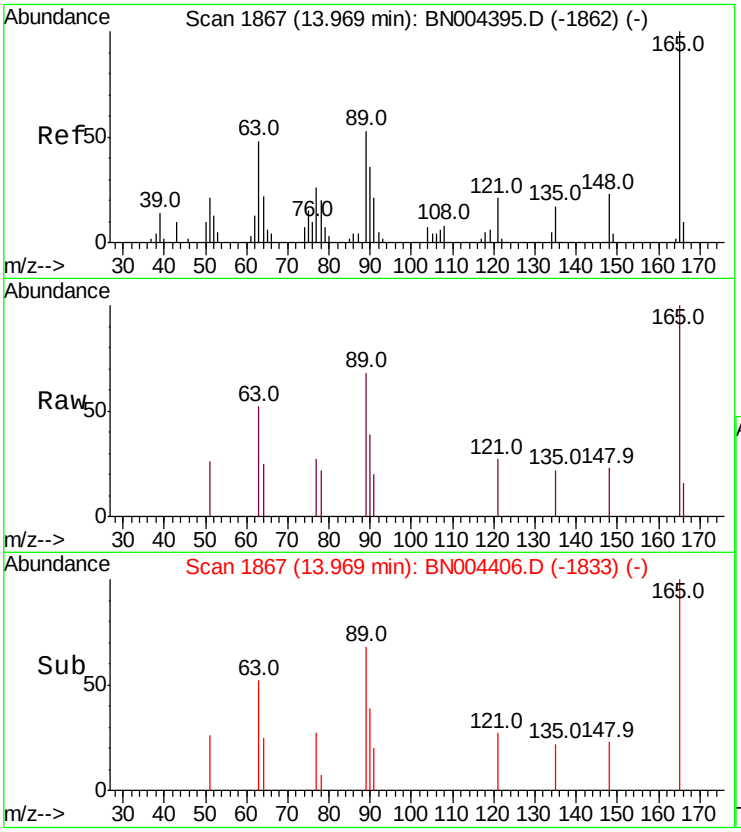


#45
Dimethylphthalate
Concen: 3.588 ng/ul
RT: 13.85 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:163 Resp: 23696

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.2
164	9.5	7.9	11.9



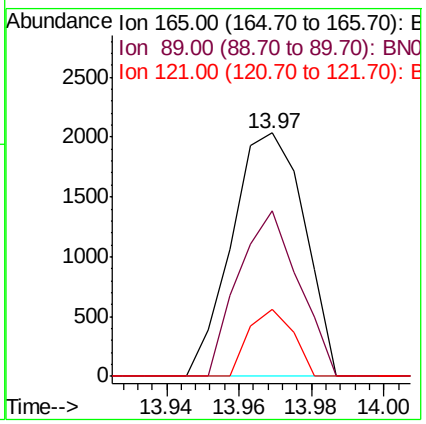


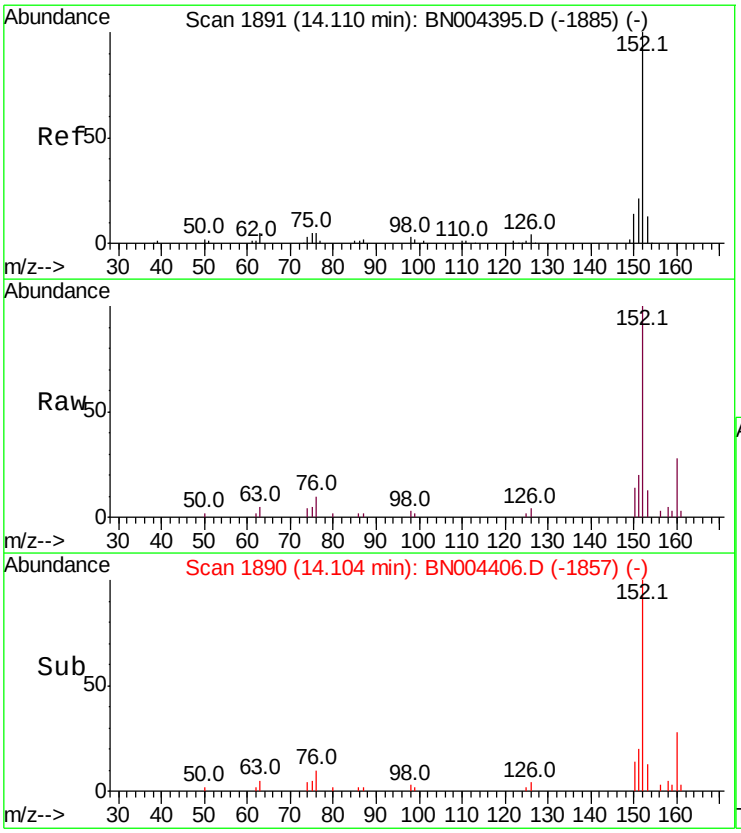
#46
2,6-Dinitrotoluene
Concen: 2.434 ng/ul
RT: 13.97 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:165 Resp: 2834

Ion	Ratio	Lower	Upper
165	100		
89	68.1	42.0	63.0#
121	27.5	17.0	25.6#

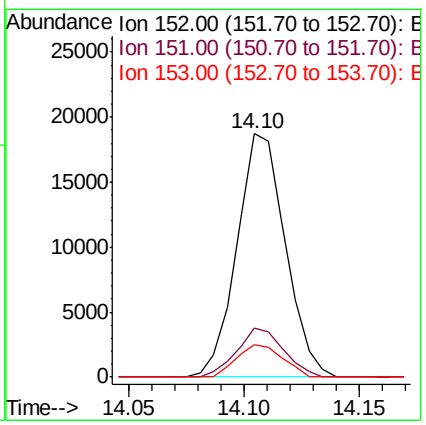


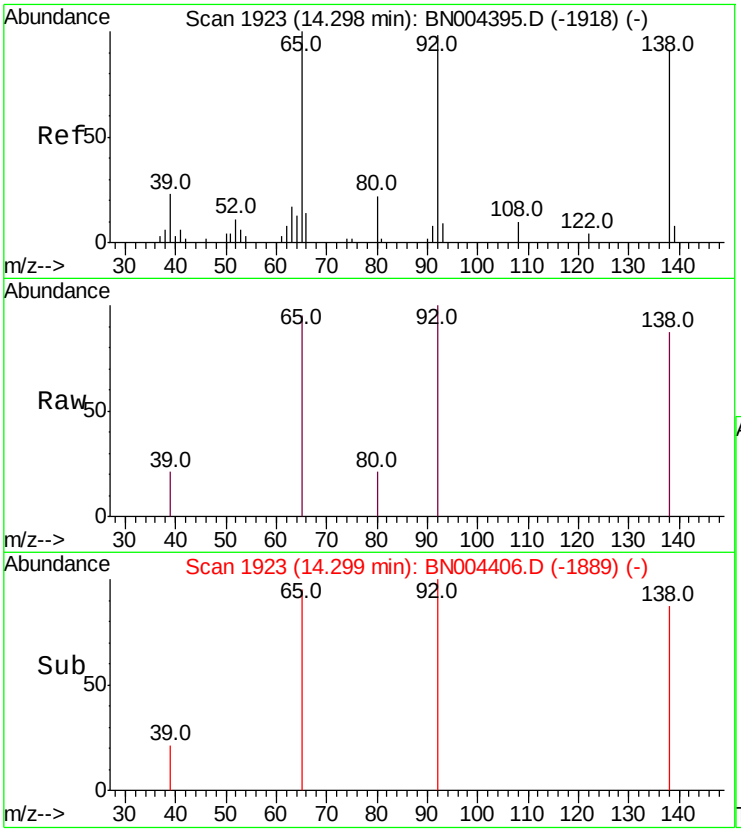


#48
Acenaphthylene
Concen: 3.632 ng/ul
RT: 14.10 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:152 Resp: 27295

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.3	10.6	16.0



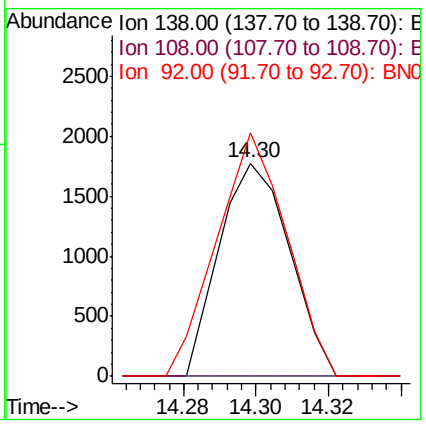


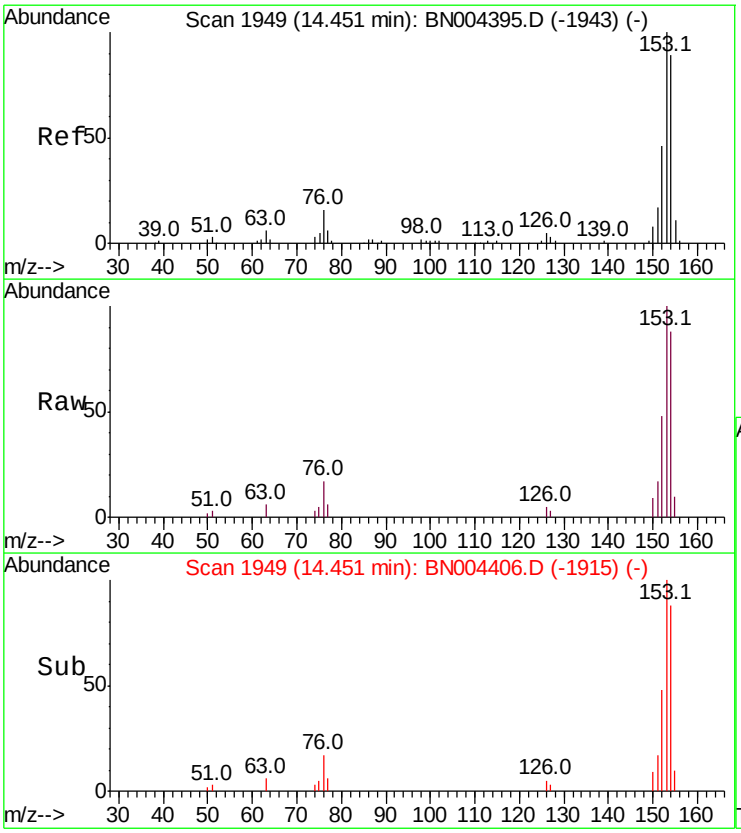
#49
3-Nitroaniline
Concen: 2.019 ng/ul
RT: 14.30 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:138 Resp: 2399

Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.0	13.4#
92	114.3	85.8	128.6

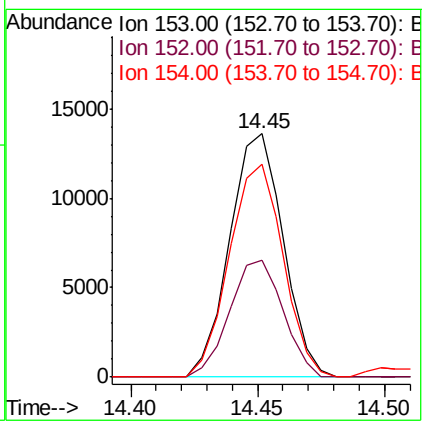


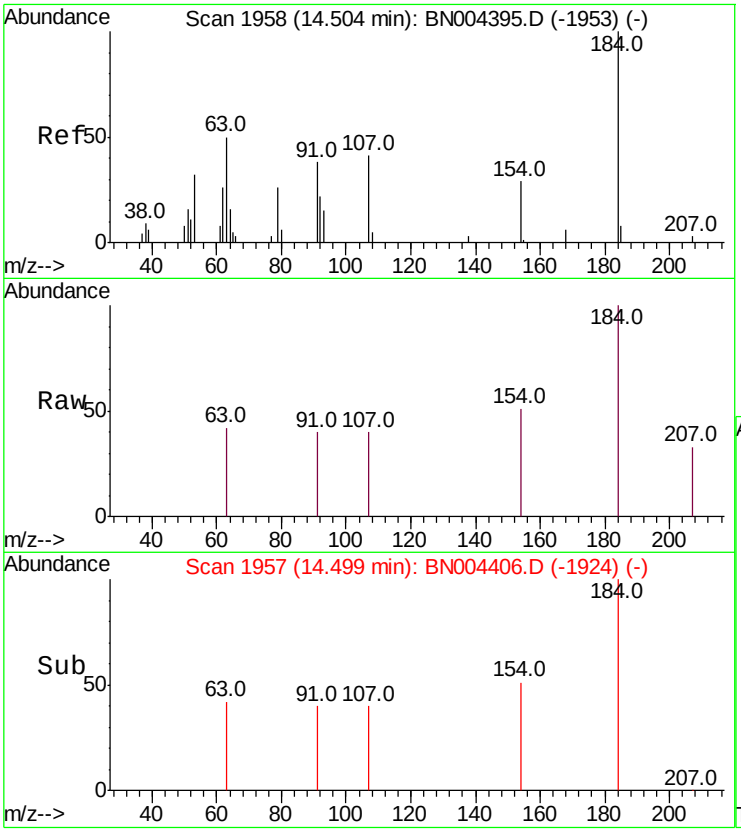


#50
Acenaphthene
Concen: 3.690 ng/ul
RT: 14.45 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:153 Resp: 19980

Ion	Ratio	Lower	Upper
153	100		
152	48.1	37.8	56.6
154	87.6	70.0	105.0



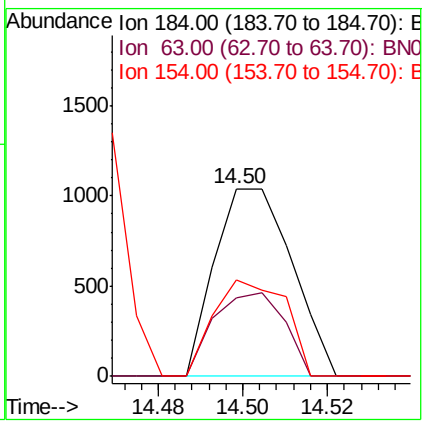


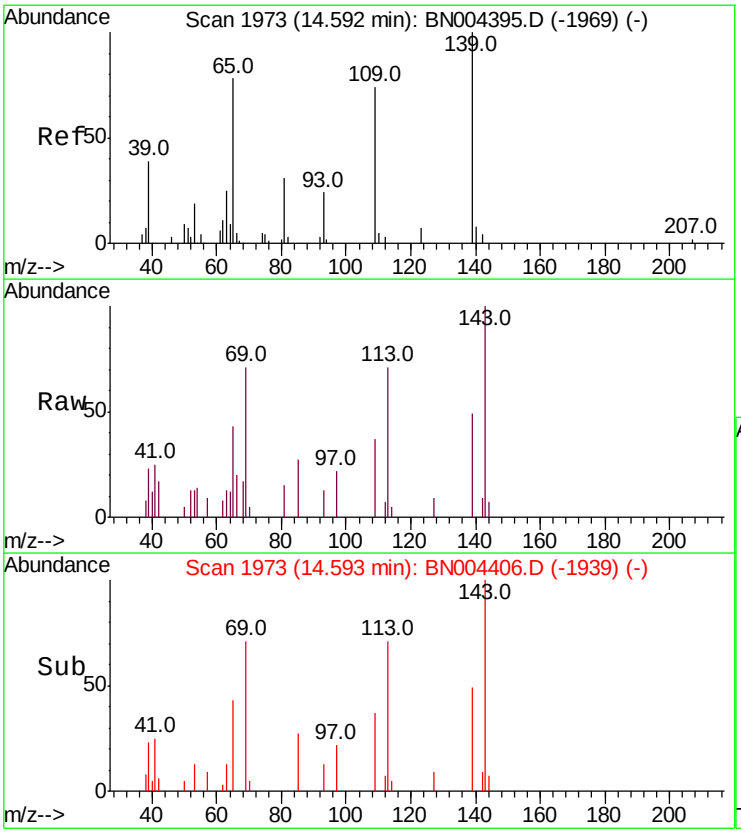
#51
2,4-Dinitrophenol
Concen: 1.828 ng/ul
RT: 14.50 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:184 Resp: 1324

Ion	Ratio	Lower	Upper
184	100		
63	41.7	39.1	58.7
154	51.2	46.2	69.4

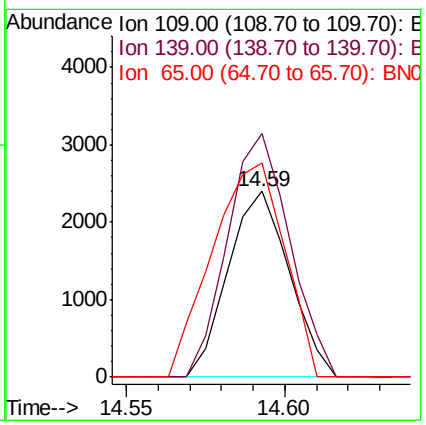


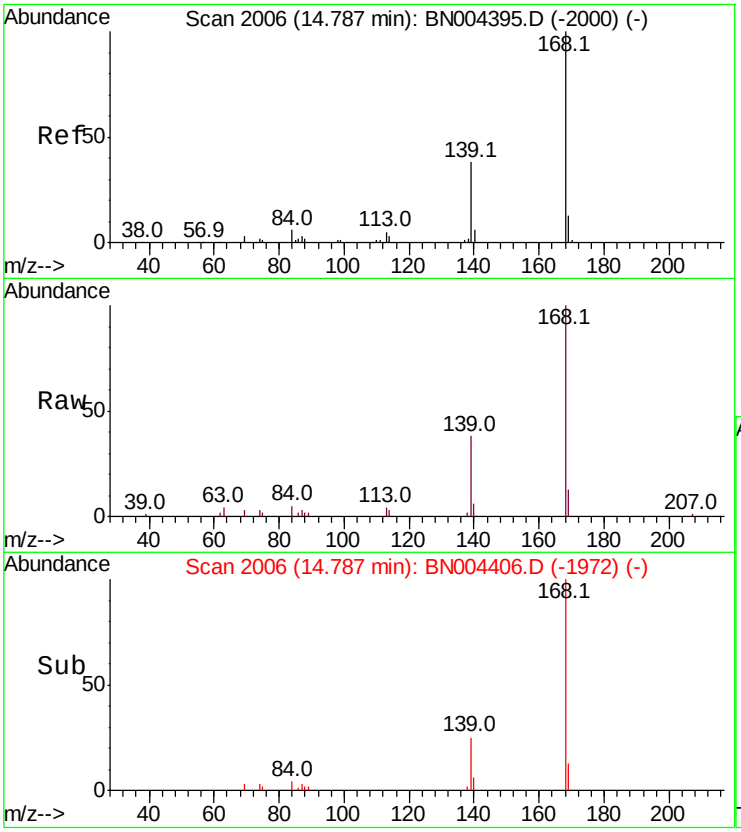


#53
4-Nitrophenol
Concen: 3.376 ng/ul
RT: 14.59 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:109 Resp: 3211

Ion	Ratio	Lower	Upper
109	100		
139	131.1	112.1	168.1
65	115.1	90.3	135.5



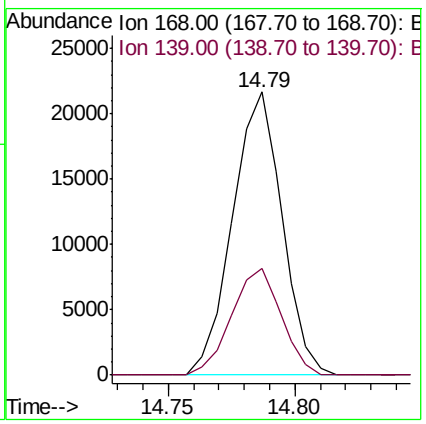


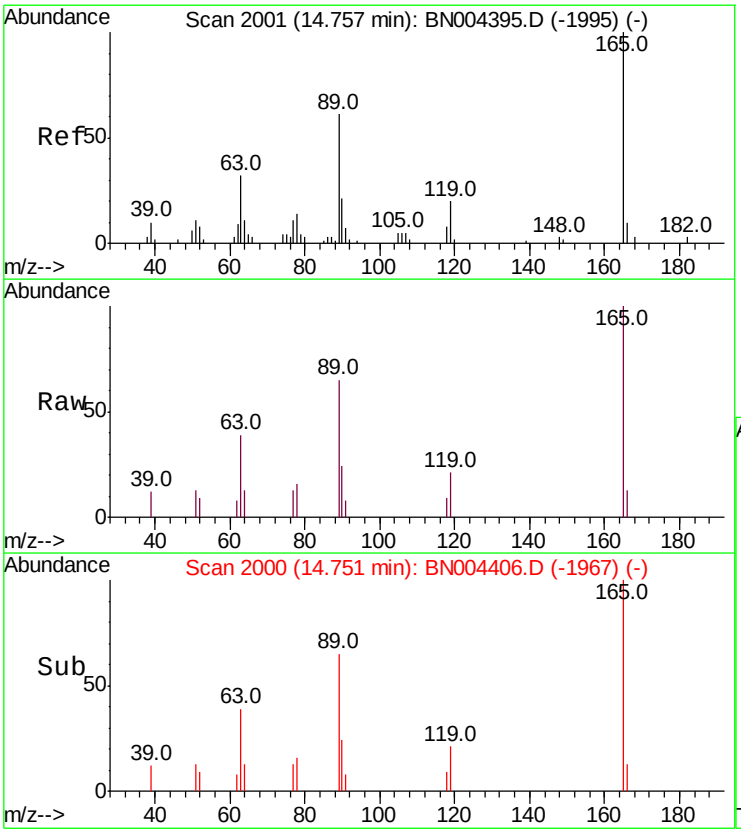
#54
Dibenzofuran
Concen: 3.766 ng/ul
RT: 14.79 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:168 Resp: 29495

Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.8	44.6

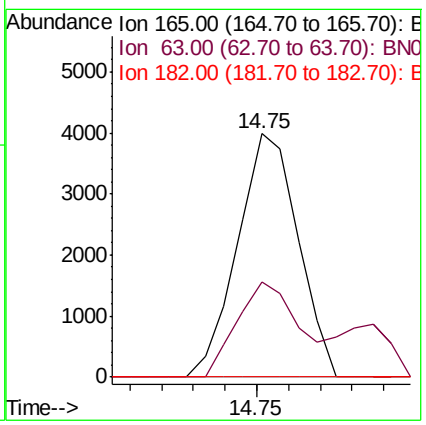


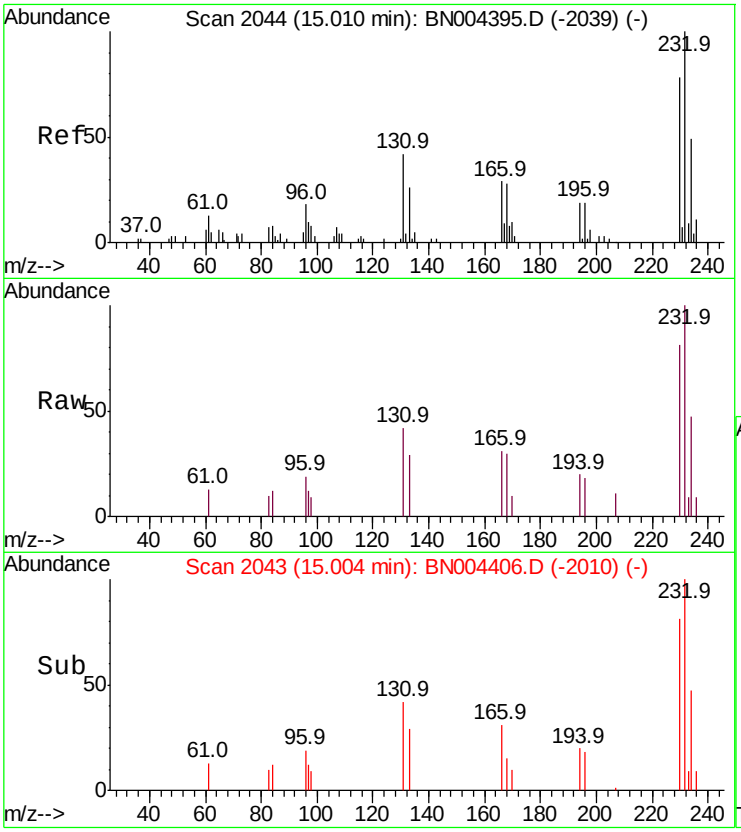


#55
2,4-Dinitrotoluene
Concen: 2.886 ng/ul
RT: 14.75 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:165 Resp: 5273

Ion	Ratio	Lower	Upper
165	100		
63	39.2	27.6	41.4
182	0.0	2.3	3.5#



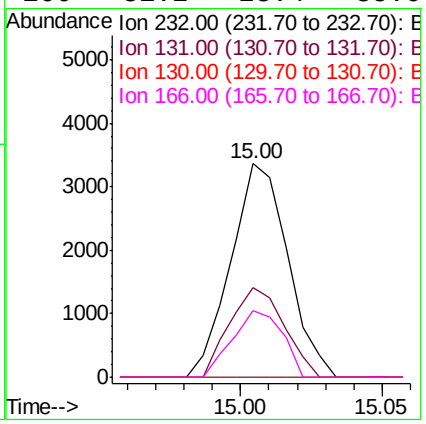


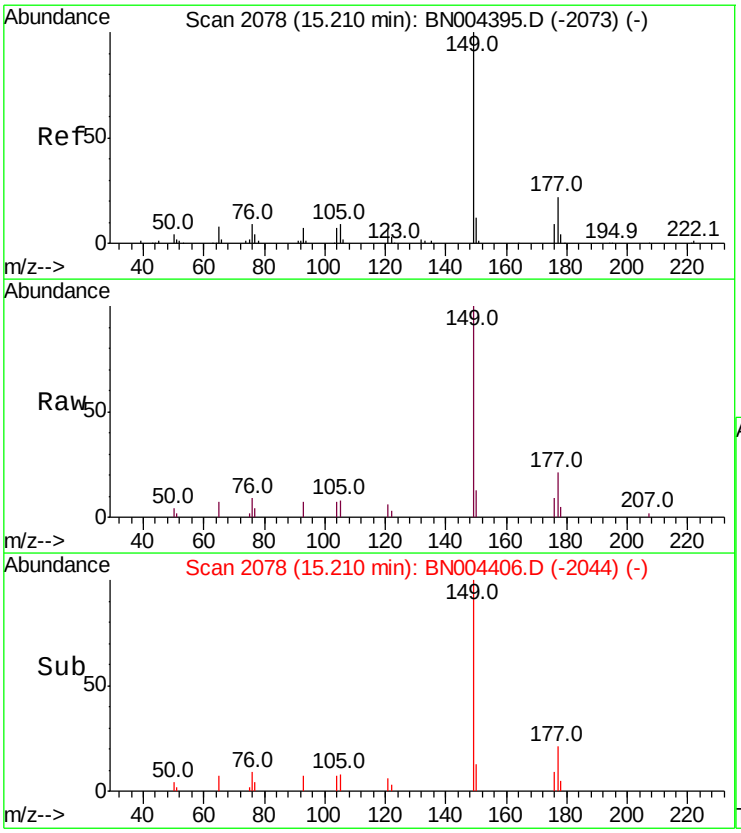
#56
2,3,4,6-Tetrachlorophenol
Concen: 2.970 ng/ul
RT: 15.00 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:232 Resp: 4717

Ion	Ratio	Lower	Upper
232	100		
131	42.0	33.4	50.0
130	0.0	1.8	2.8#
166	31.2	23.4	35.0

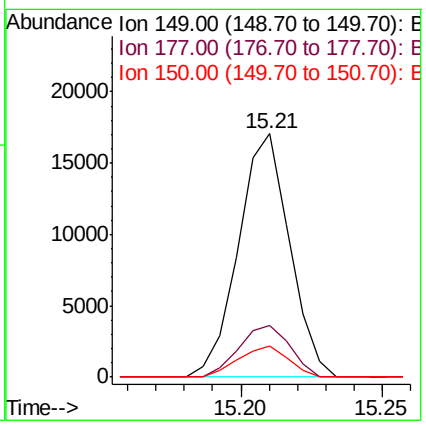


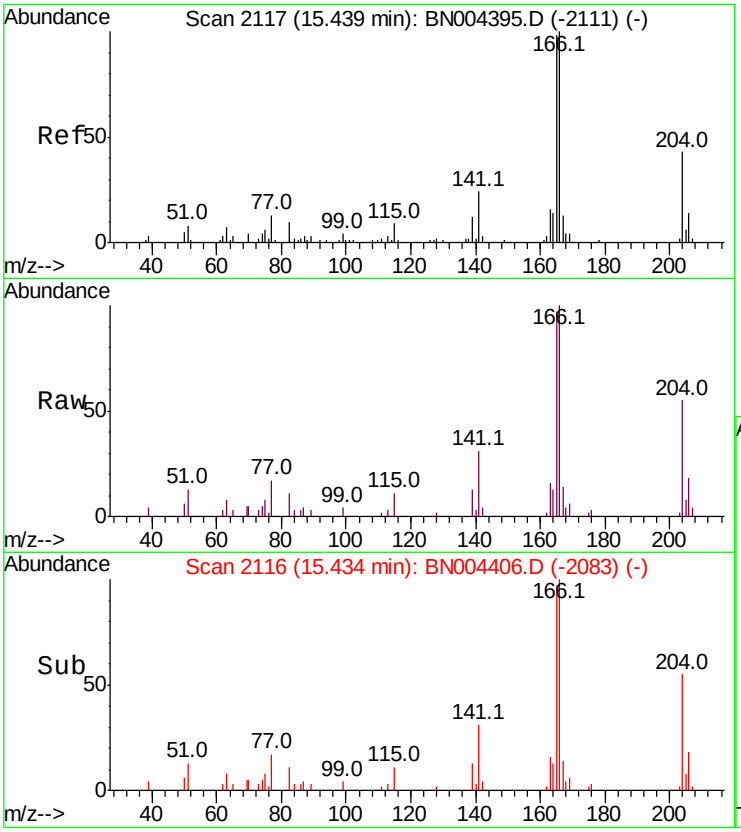


#57
Diethylphthalate
Concen: 3.284 ng/ul
RT: 15.21 min Scan# 2078
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:149 Resp: 21406

Ion	Ratio	Lower	Upper
149	100		
177	21.4	18.0	27.0
150	12.6	10.2	15.2



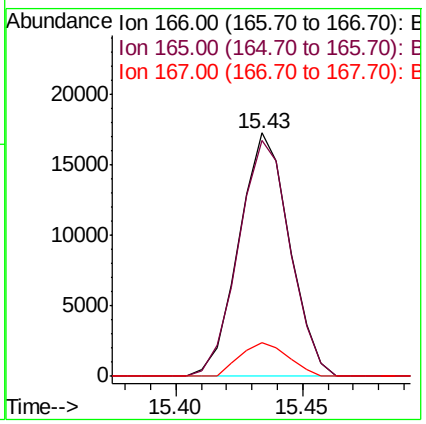


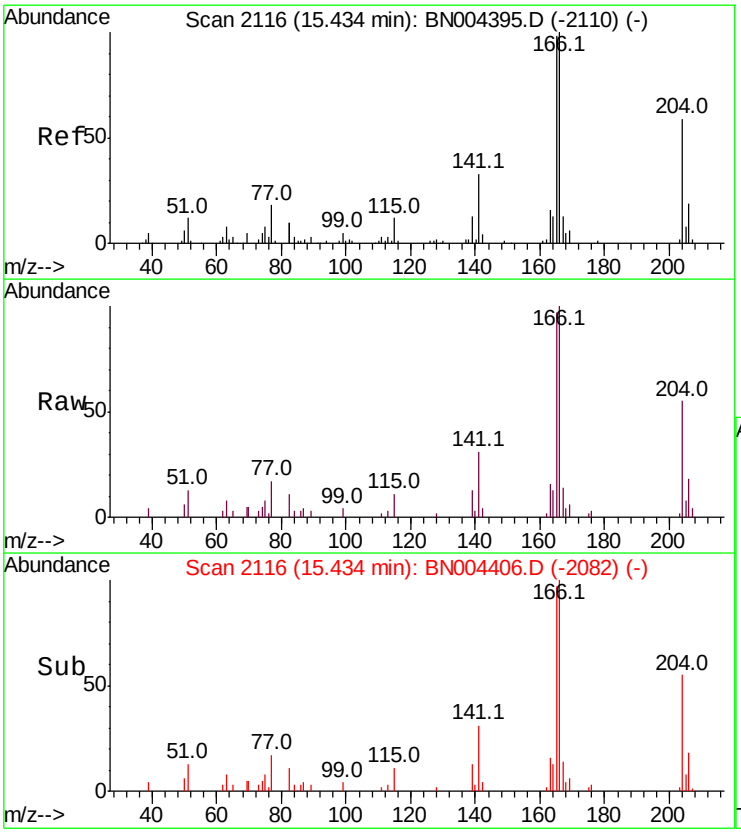
#59
Fluorene
Concen: 3.753 ng/ul
RT: 15.43 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:166 Resp: 23818

Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.0	117.0
167	13.6	10.8	16.2

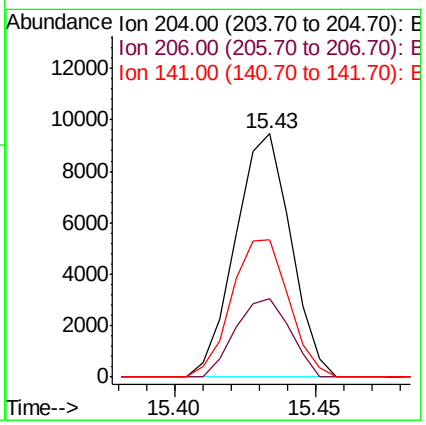


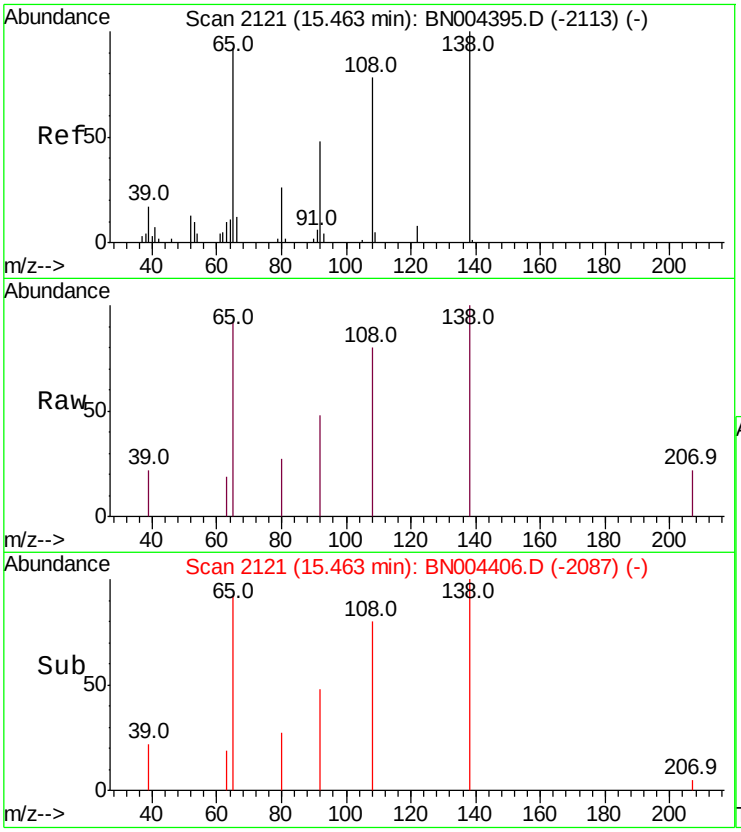


#60
4-Chlorophenyl-phenylether
Concen: 3.840 ng/ul
RT: 15.43 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:204 Resp: 12895

Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	56.3	44.8	67.2



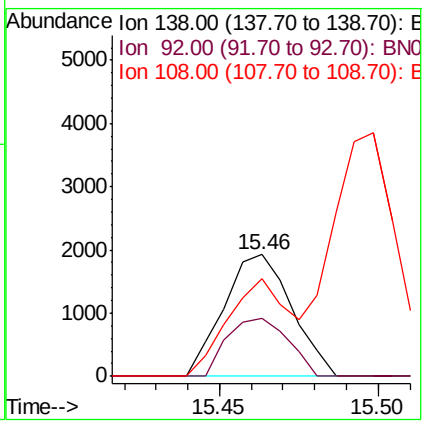


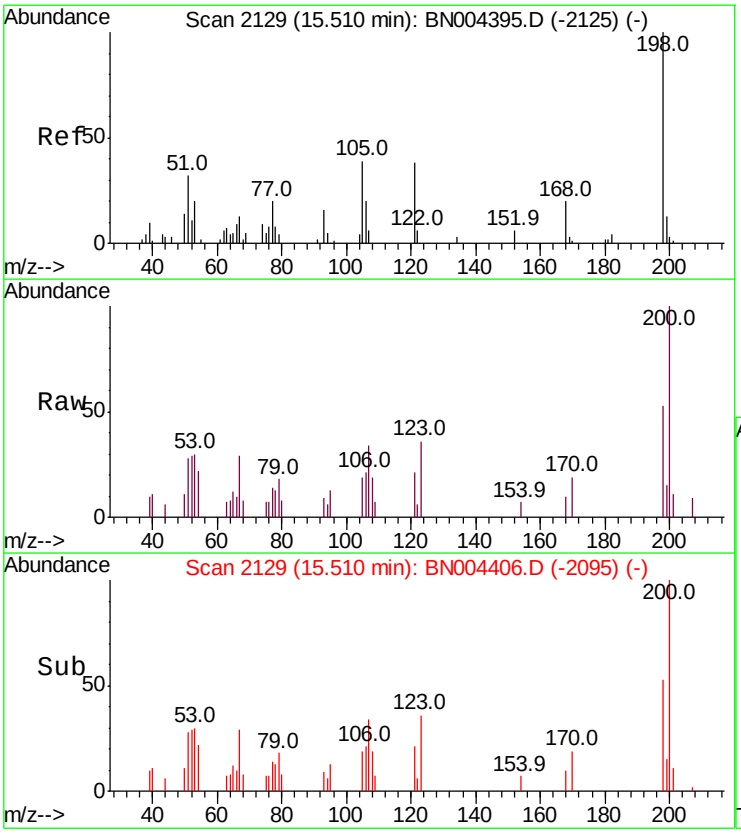
#61
4-Nitroaniline
Concen: 1.848 ng/ul
RT: 15.46 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:138 Resp: 2858

Ion	Ratio	Lower	Upper
138	100		
92	48.1	37.8	56.8
108	80.1	61.7	92.5

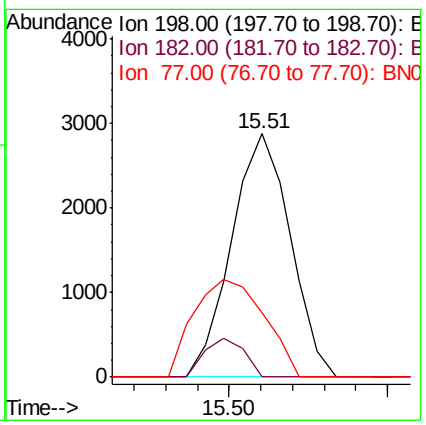


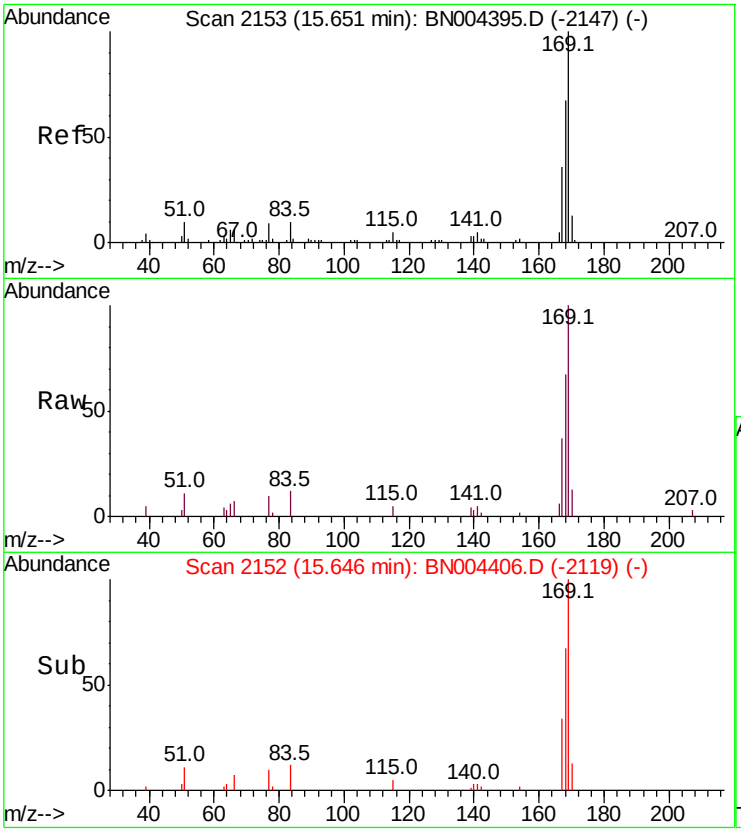


#64
4,6-Dinitro-2-methylphenol
Concen: 3.086 ng/ul
RT: 15.51 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:198 Resp: 3692

Ion	Ratio	Lower	Upper
198	100		
182	0.0	3.3	4.9#
77	26.3	16.2	24.4#



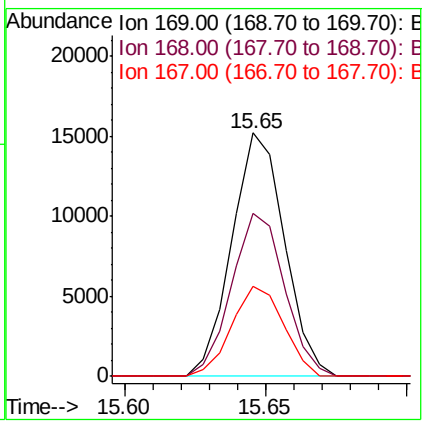


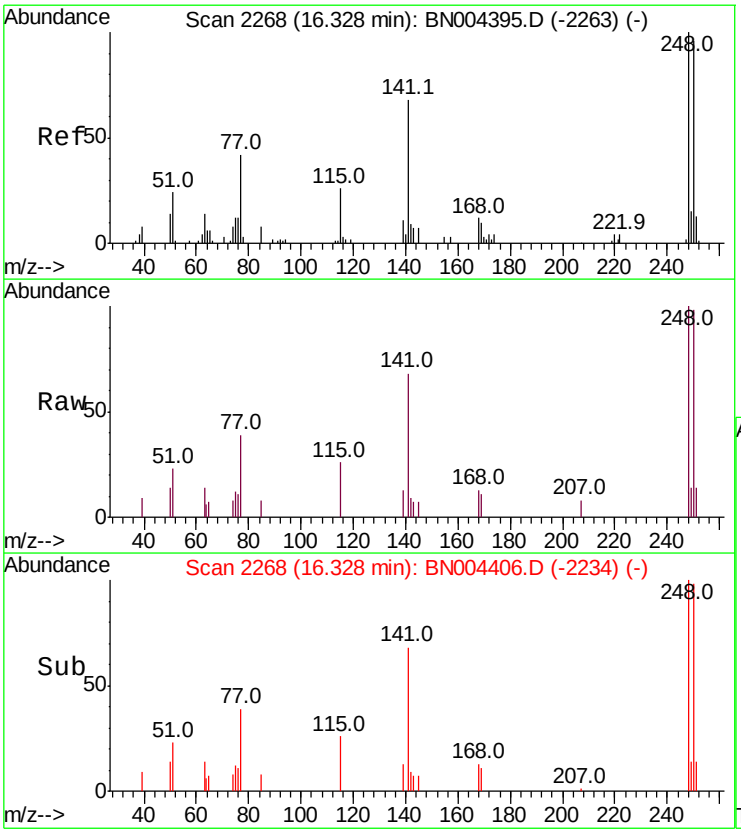
#65
N-Nitrosodiphenylamine
Concen: 3.534 ng/ul
RT: 15.65 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:169 Resp: 19750

Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.8	80.6
167	37.0	29.0	43.4

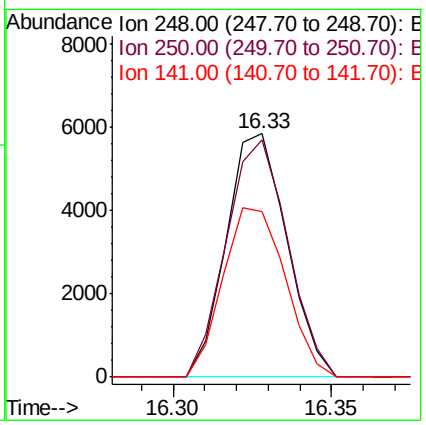


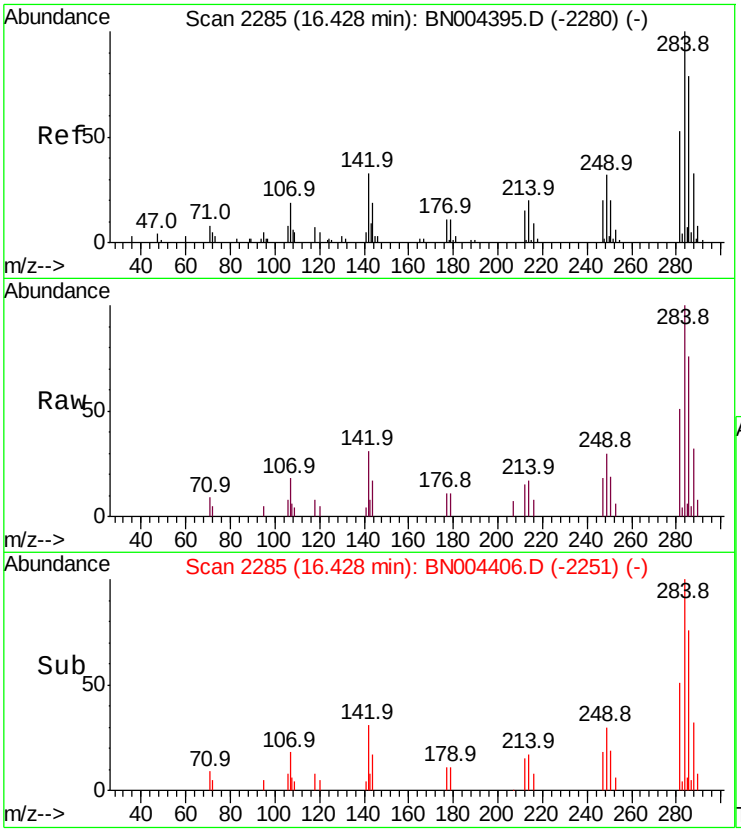


#66
4-Bromophenyl-phenylether
Concen: 3.559 ng/ul
RT: 16.33 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:248 Resp: 7760

Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.9	116.9
141	68.2	55.1	82.7



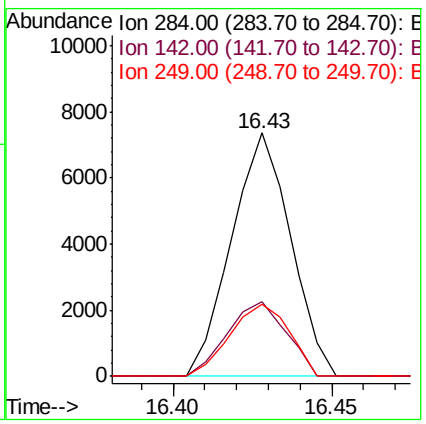


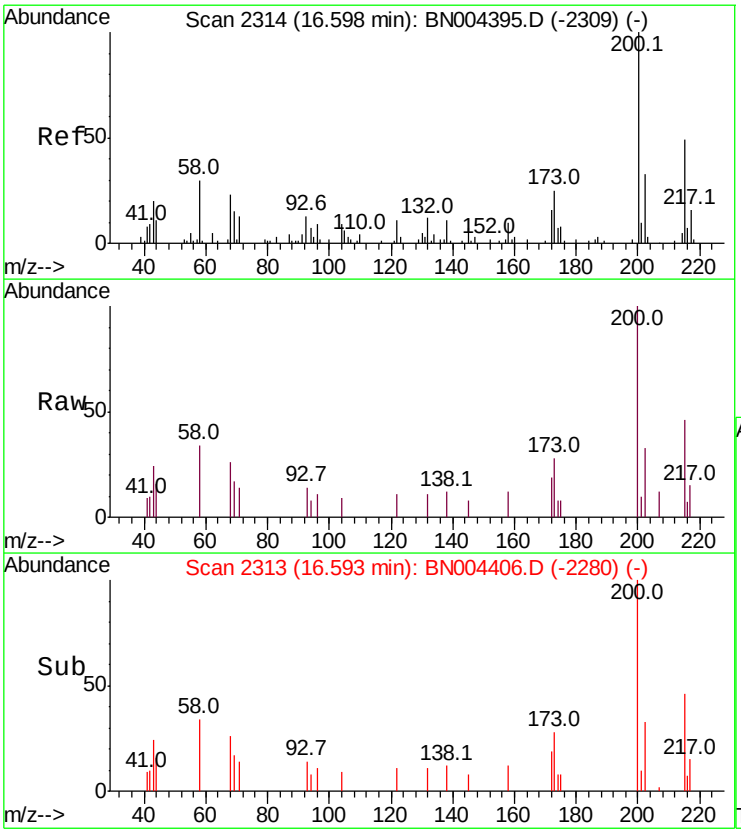
#67
Hexachlorobenzene
Concen: 3.732 ng/ul
RT: 16.43 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:284 Resp: 9531

Ion	Ratio	Lower	Upper
284	100		
142	30.7	24.5	36.7
249	29.5	25.0	37.6

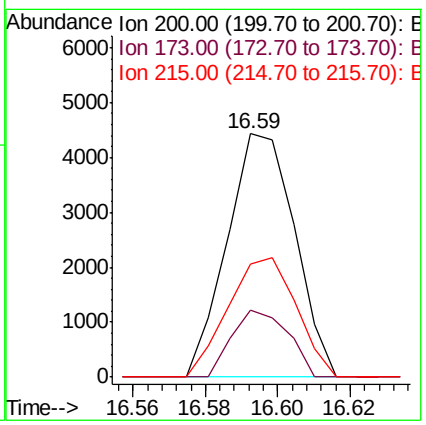


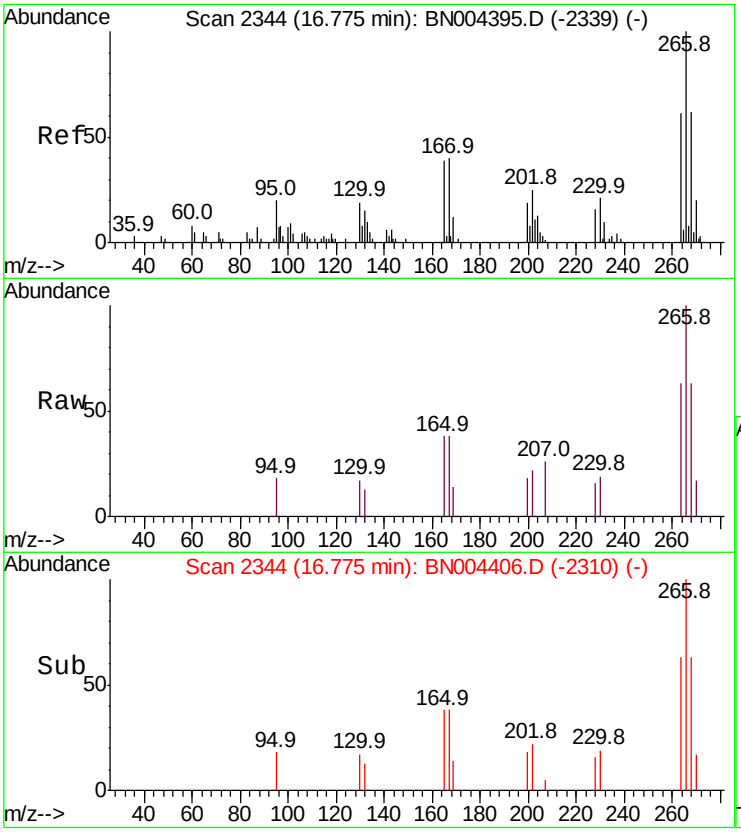


#68
Atrazine
Concen: 2.666 ng/ul
RT: 16.59 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:200 Resp: 5739

Ion	Ratio	Lower	Upper
200	100		
173	27.7	20.1	30.1
215	46.4	39.1	58.7



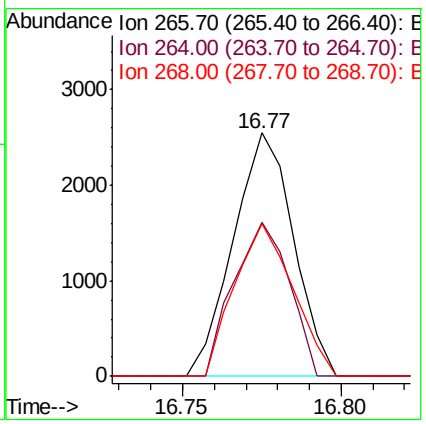


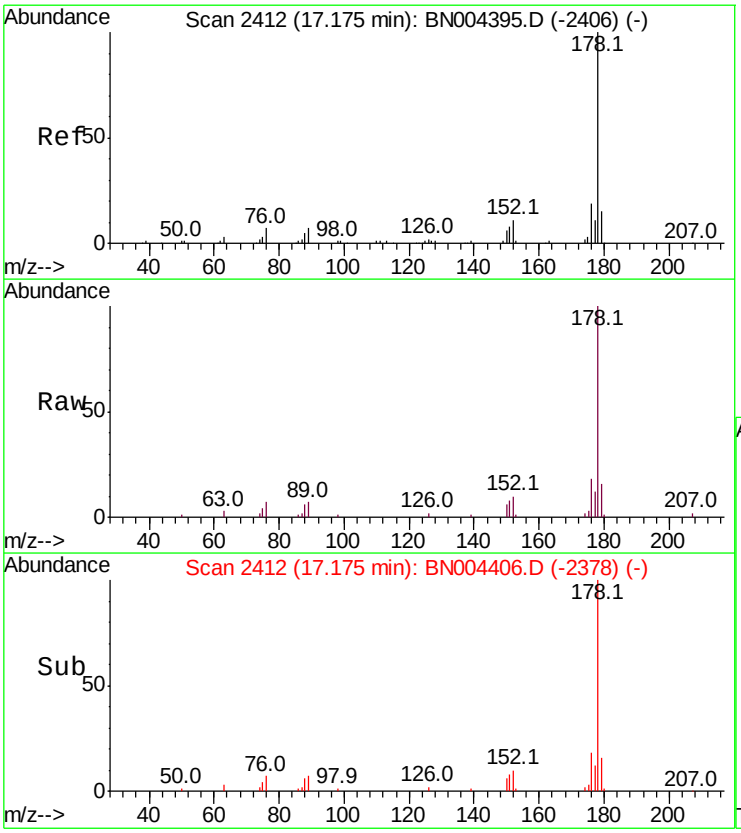
#69
Pentachlorophenol
Concen: 2.258 ng/ul
RT: 16.77 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:266 Resp: 3361

Ion	Ratio	Lower	Upper
266	100		
264	63.3	50.3	75.5
268	62.8	49.6	74.4

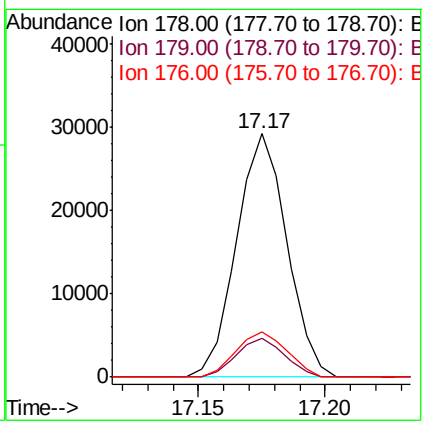


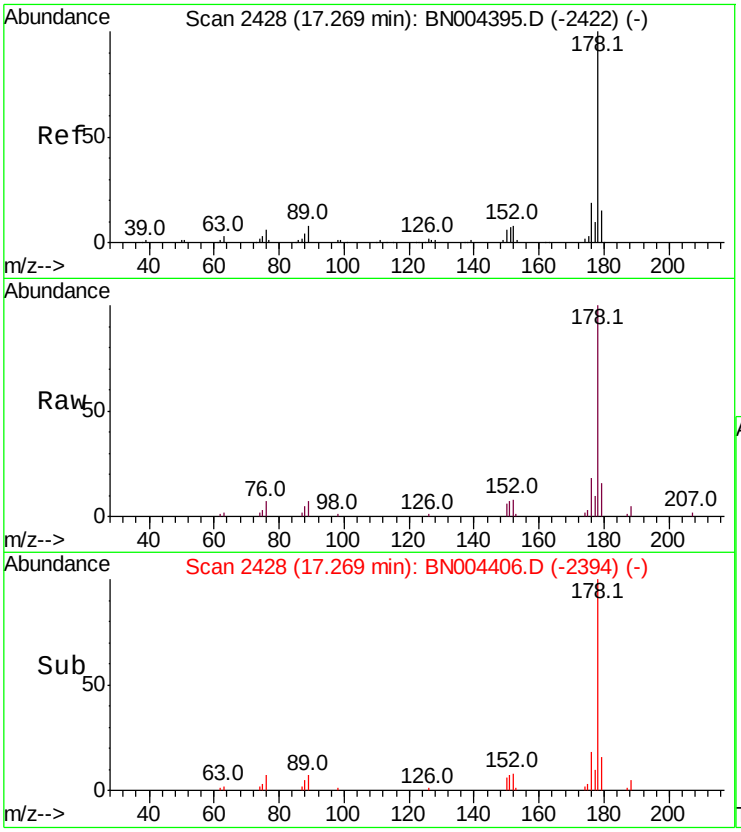


#70
Phenanthrene
Concen: 3.728 ng/ul
RT: 17.17 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:178 Resp: 40362

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	18.4	15.4	23.0



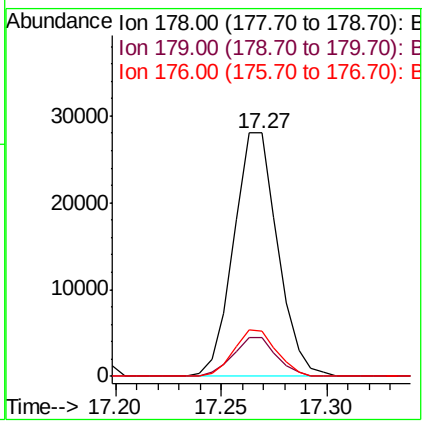


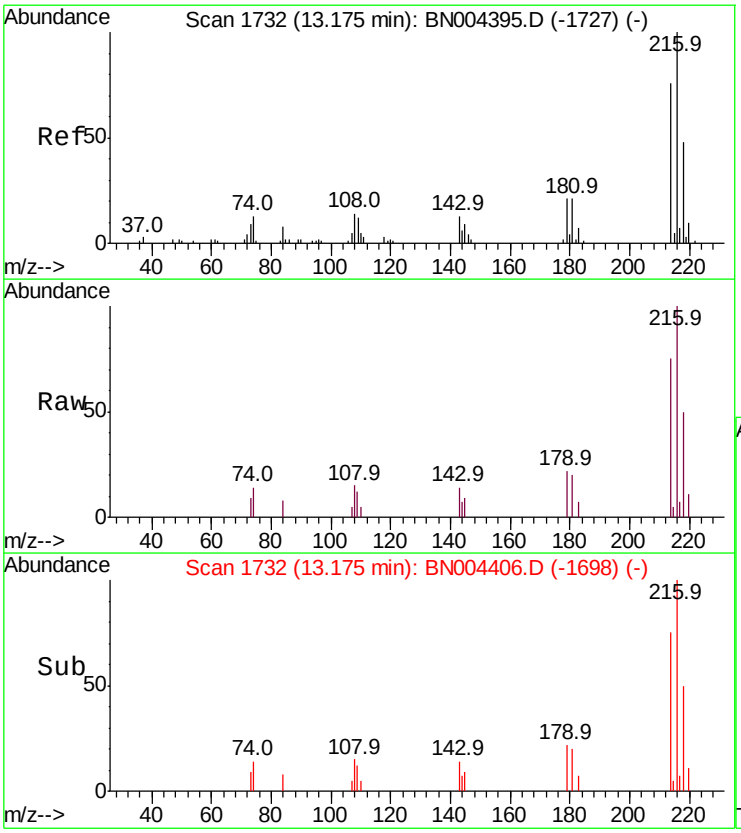
#72
Anthracene
Concen: 3.721 ng/ul
RT: 17.27 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:178 Resp: 40558

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.4
176	18.4	14.9	22.3

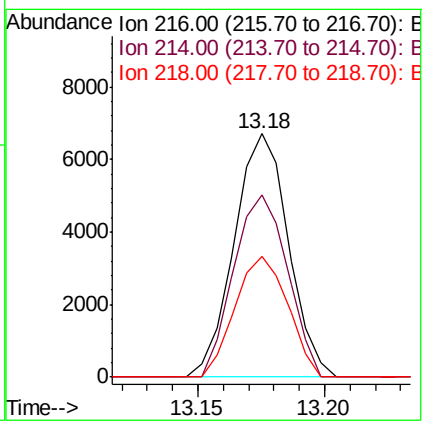


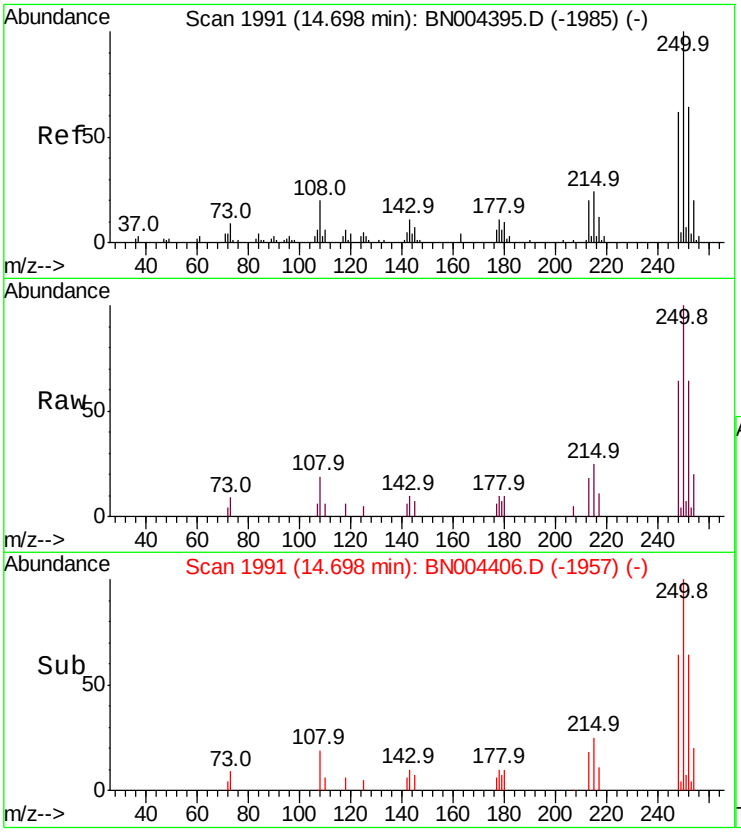


#73
1,2,3,4-Tetrachlorobenzene
Concen: 3.731 ng/uL
RT: 13.18 min Scan# 1732
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:216 Resp: 9985

Ion	Ratio	Lower	Upper
216	100		
214	74.9	61.9	92.9
218	49.5	38.7	58.1



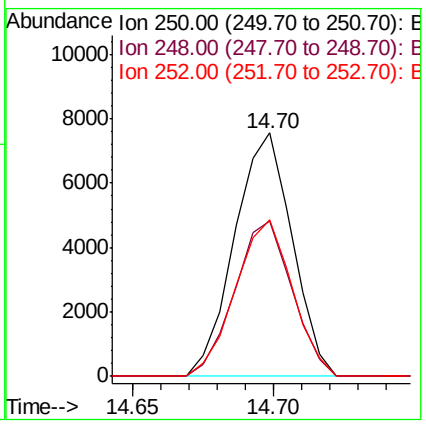


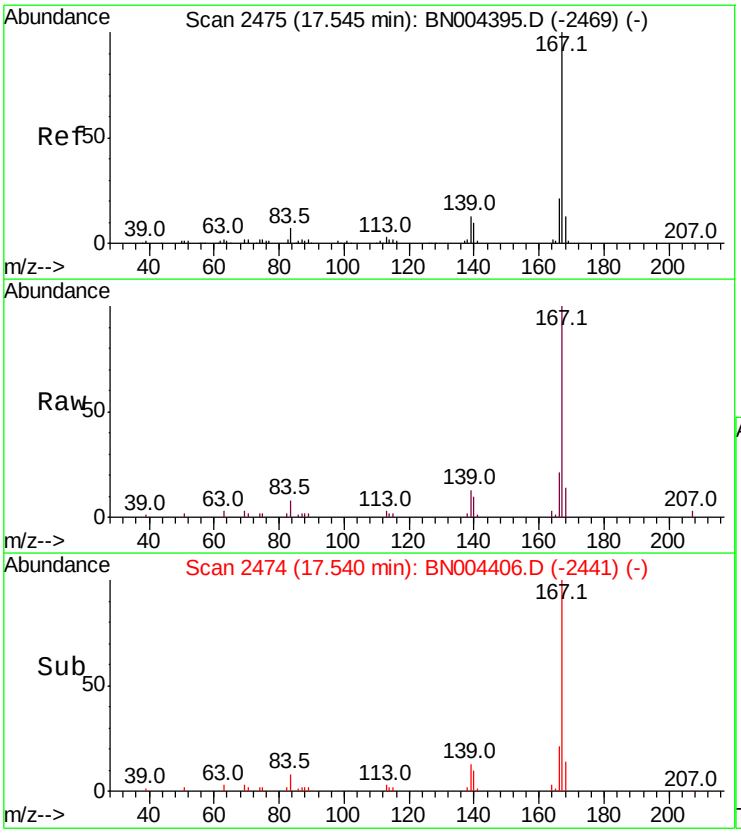
#74
Pentachlorobenzene
Concen: 3.727 ng/uL
RT: 14.70 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:250 Resp: 10663

Ion	Ratio	Lower	Upper
250	100		
248	63.8	51.5	77.3
252	64.4	50.4	75.6

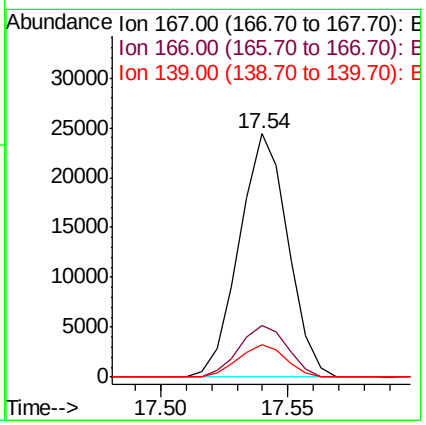


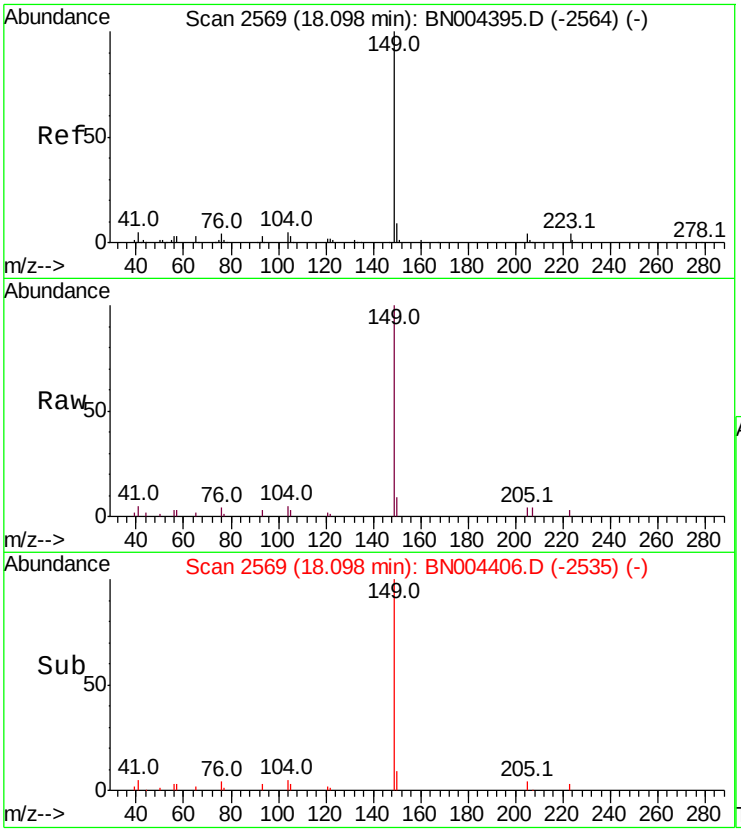


#75
Carbazole
Concen: 3.367 ng/ul
RT: 17.54 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:167 Resp: 32793

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.5	26.3
139	13.5	10.4	15.6



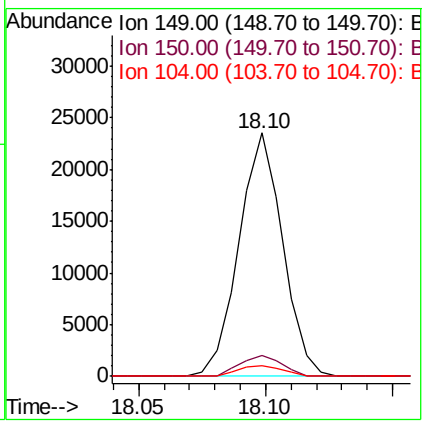


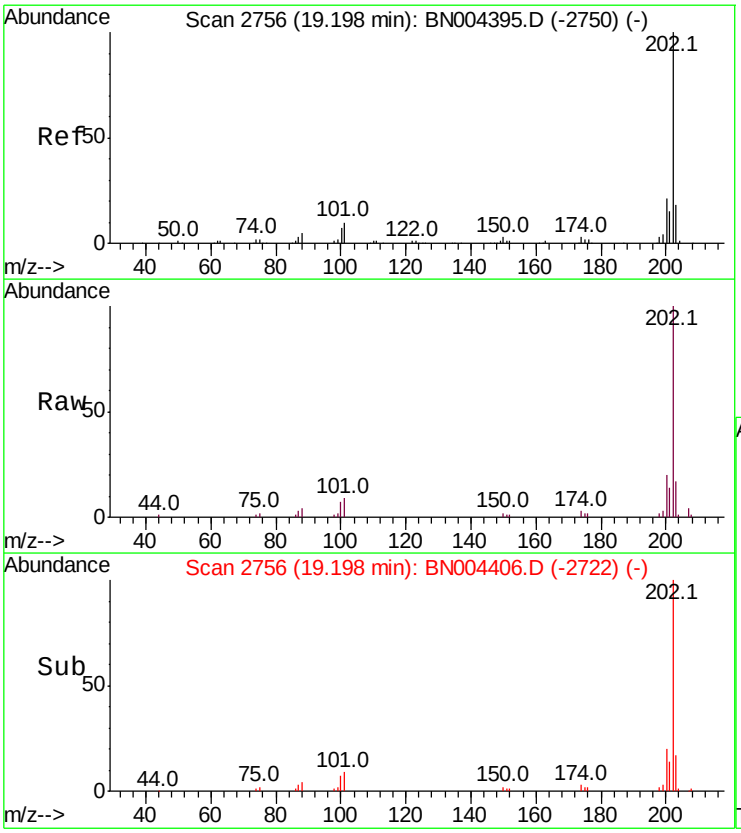
#76
Di-n-butylphthalate
Concen: 2.634 ng/ul
RT: 18.10 min Scan# 2569
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:149 Resp: 28159

Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.4	11.0
104	4.6	3.7	5.5

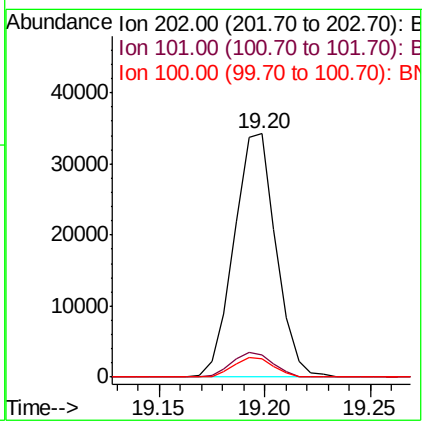


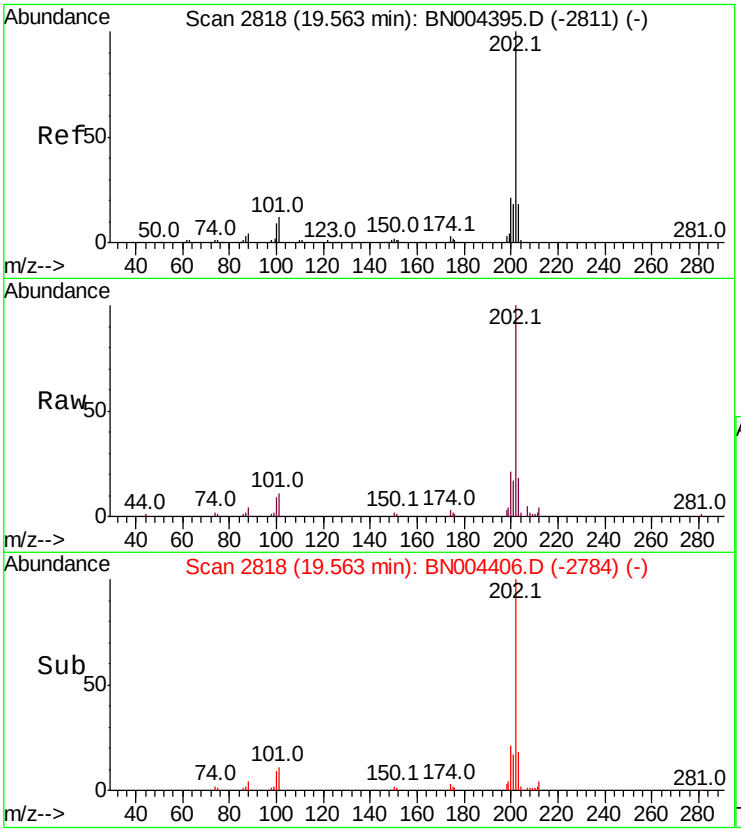


#77
Fluoranthene
Concen: 3.537 ng/ul
RT: 19.20 min Scan# 2756
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:202 Resp: 47140

Ion	Ratio	Lower	Upper
202	100		
101	9.0	8.2	12.4
100	7.5	6.6	9.8



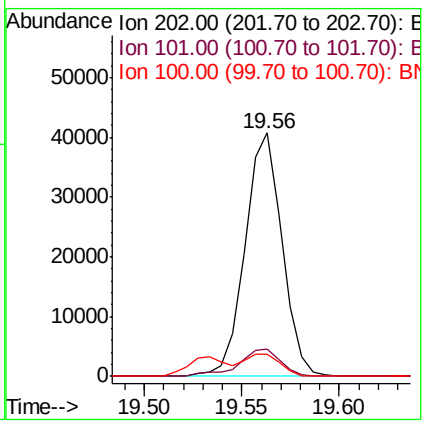


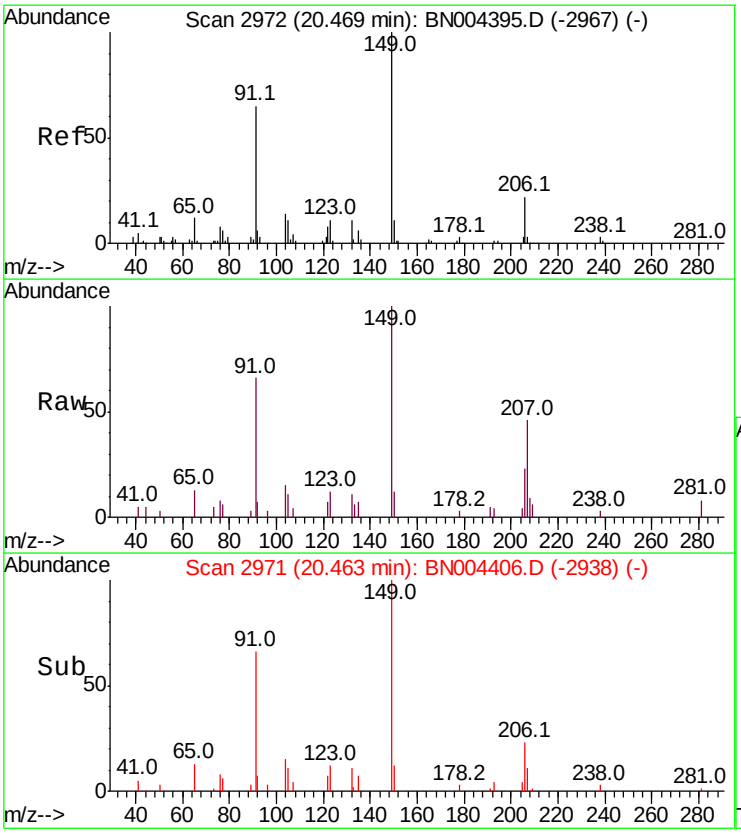
#80
Pyrene
Concen: 3.641 ng/ul
RT: 19.56 min Scan# 2818
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:202 Resp: 53429

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.2	13.8
100	9.1	7.5	11.3

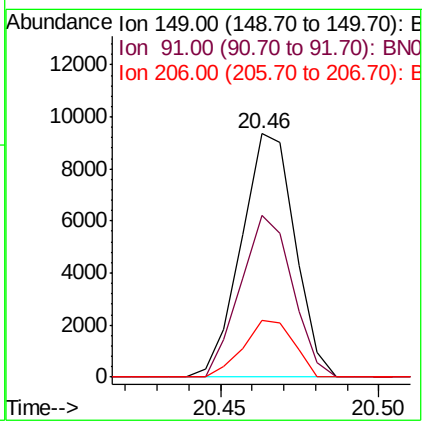


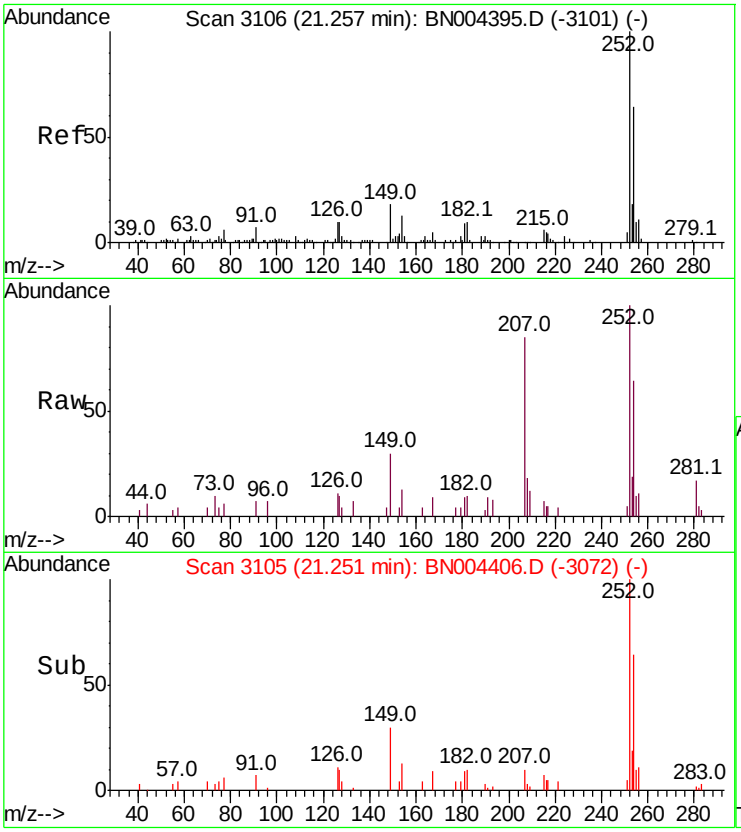


#81
Butylbenzylphthalate
Concen: 2.189 ng/ul
RT: 20.46 min Scan# 2971
Delta R.T. -0.01 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:149 Resp: 11039

Ion	Ratio	Lower	Upper
149	100		
91	66.3	49.8	74.6
206	23.1	18.2	27.2



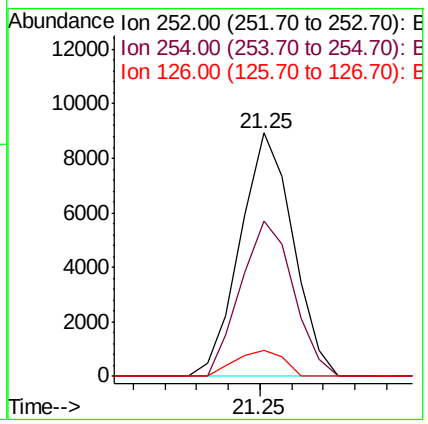


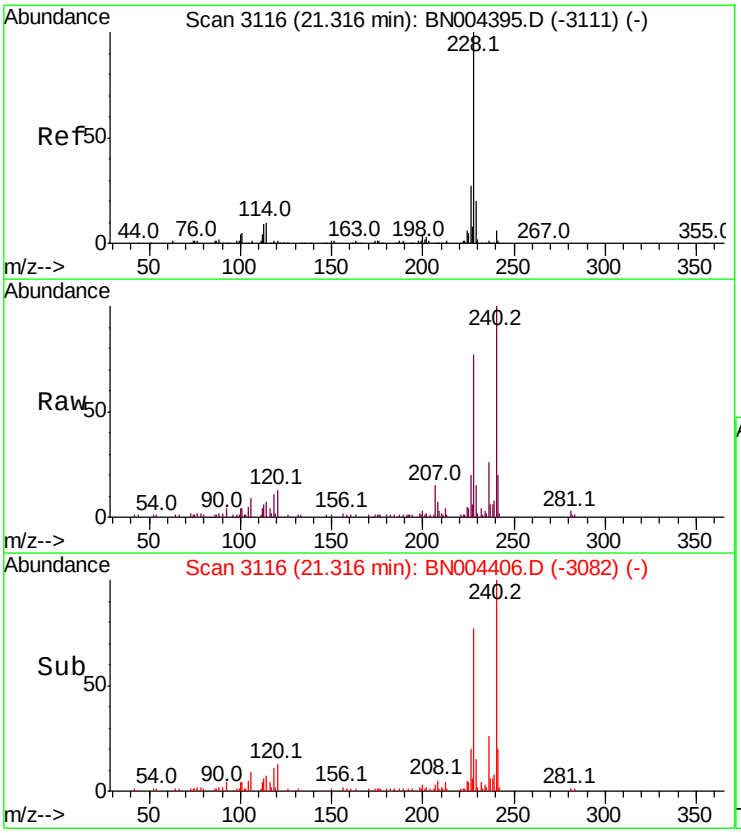
#82
3,3'-Dichlorobenzidine
Concen: 1.859 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:252 Resp: 10348

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.8	77.6
126	10.6	8.3	12.5

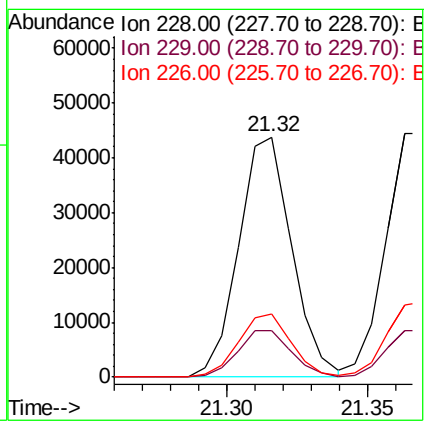


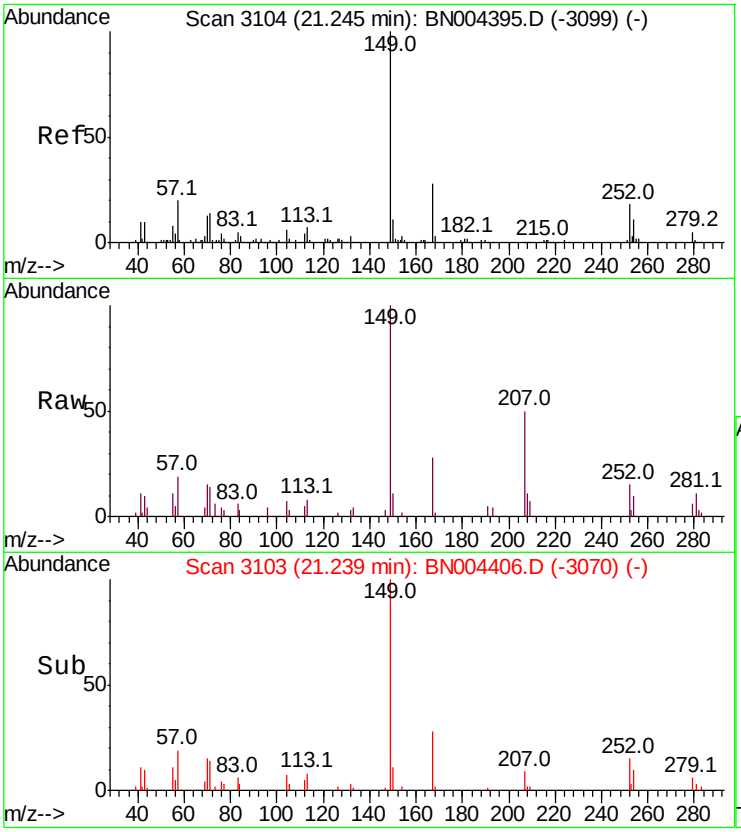


#83
Benzo(a)anthracene
Concen: 3.496 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. 0.00 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:228 Resp: 57181

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.4	23.2
226	26.5	21.4	32.2



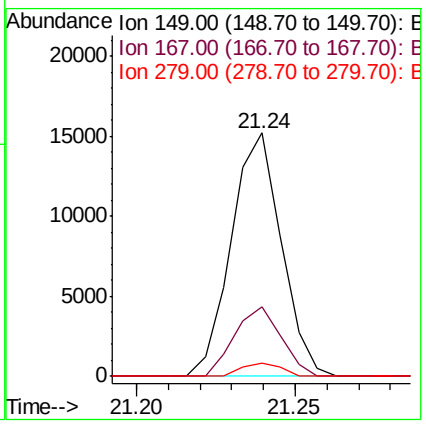


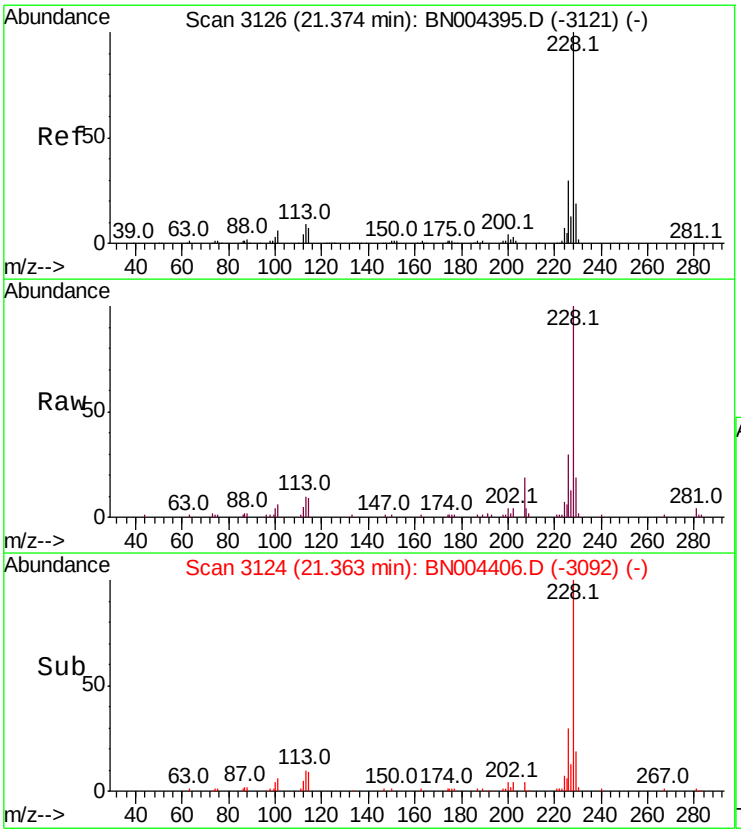
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.196 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:149 Resp: 16596

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.7	34.1
279	5.5	4.3	6.5

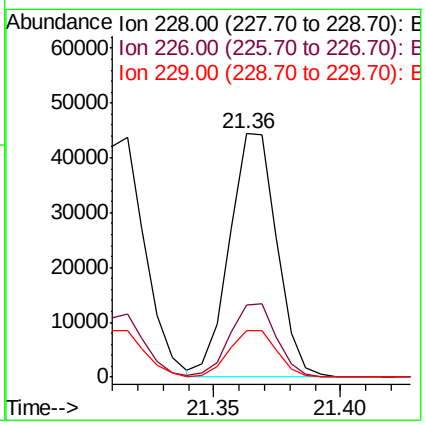


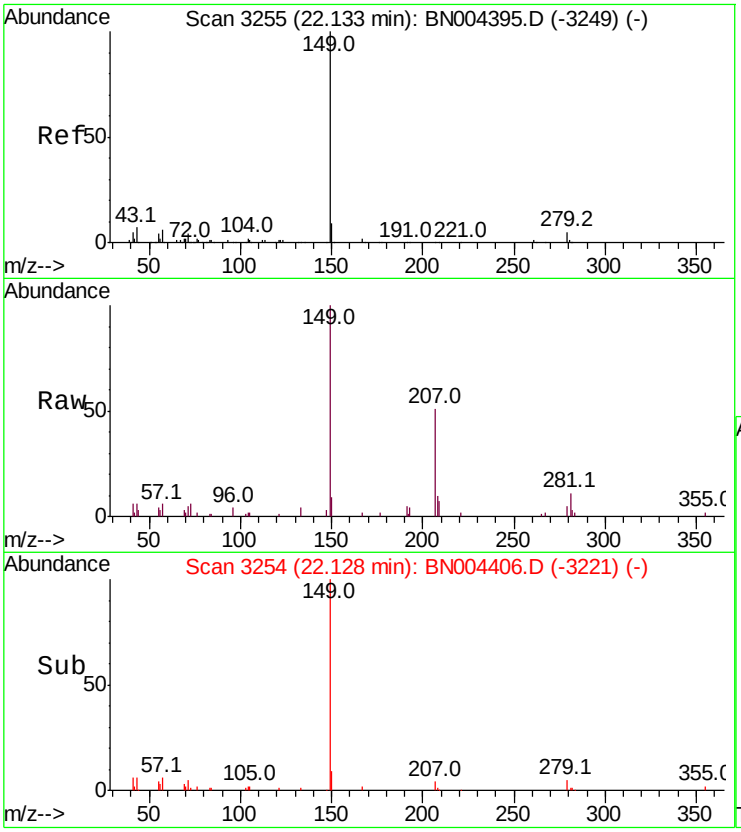


#85
Chrysene
Concen: 3.717 ng/ul
RT: 21.36 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:228 Resp: 57704

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	19.2	15.7	23.5

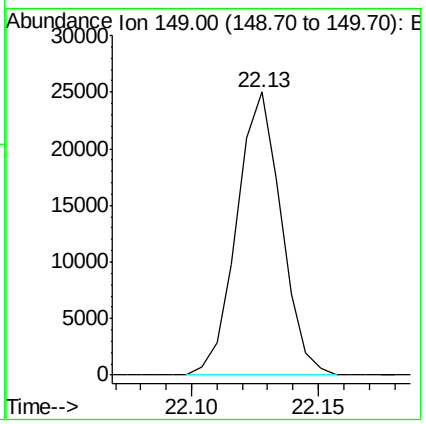


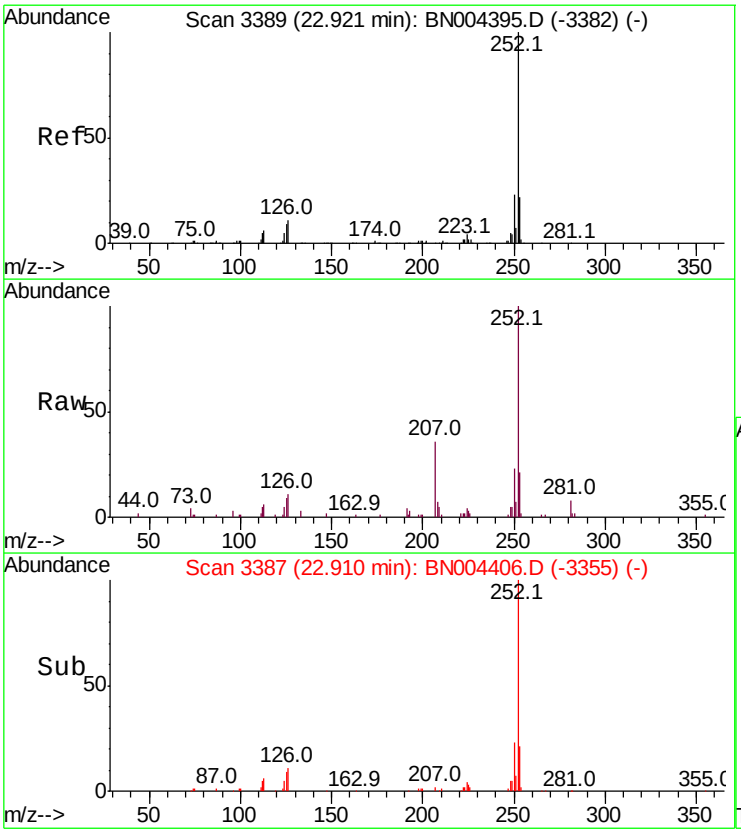


#87
Di-n-octyl phthalate
Concen: 2.074 ng/ul
RT: 22.13 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:149 Resp: 30498

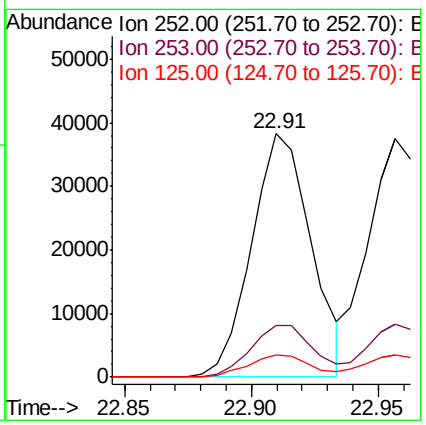


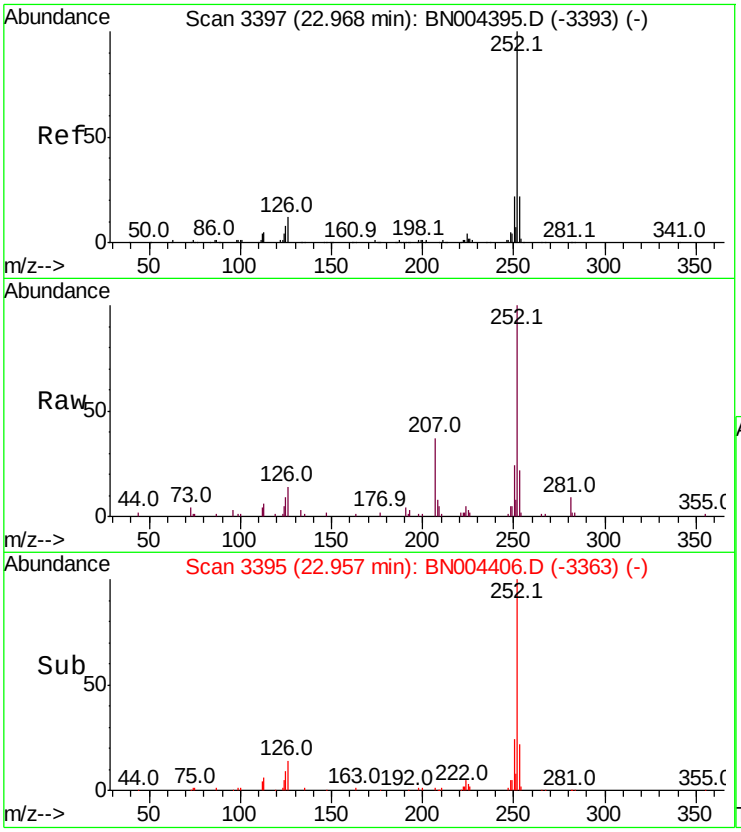


#88
Benzo(b)fluoranthene
Concen: 3.452 ng/ul
RT: 22.91 min Scan# 3387
Delta R.T. -0.01 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:252 Resp: 62782

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.7	26.5
125	9.1	7.4	11.2



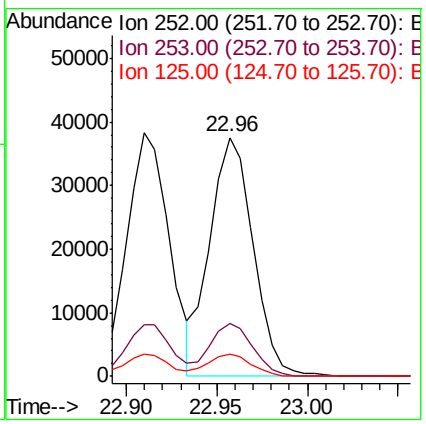


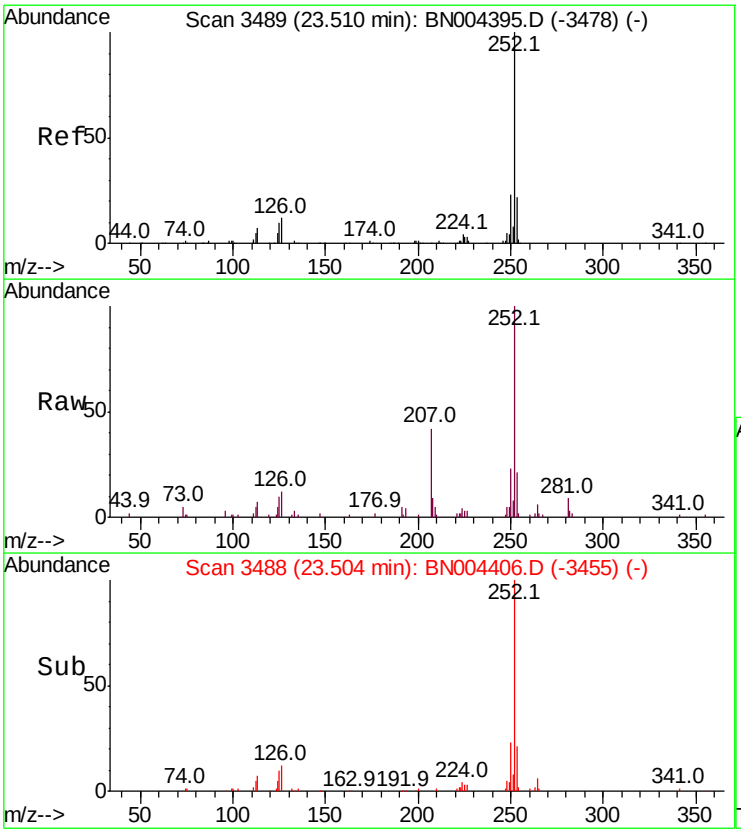
#89
Benzo(k)fluoranthene
Concen: 3.539 ng/ul
RT: 22.96 min Scan# 3395
Delta R.T. -0.01 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:252 Resp: 62574

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	9.4	7.4	11.0

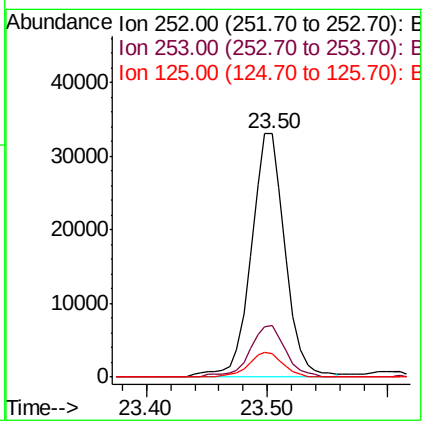


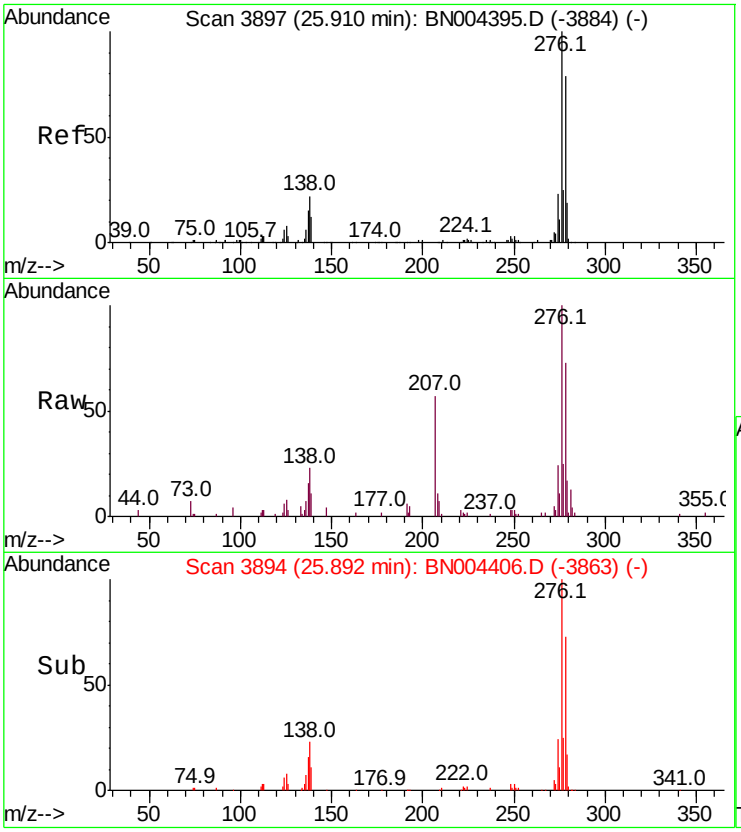


#91
Benzo(a)pyrene
Concen: 3.649 ng/ul
RT: 23.50 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:252 Resp: 64747

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	9.6	8.4	12.6



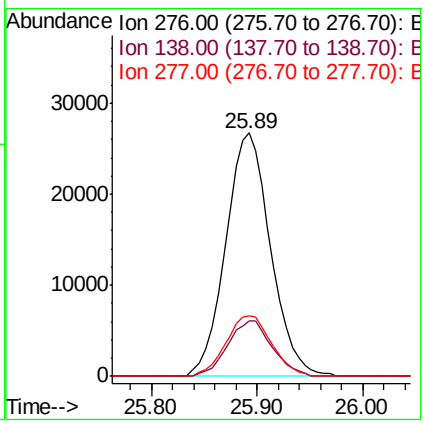


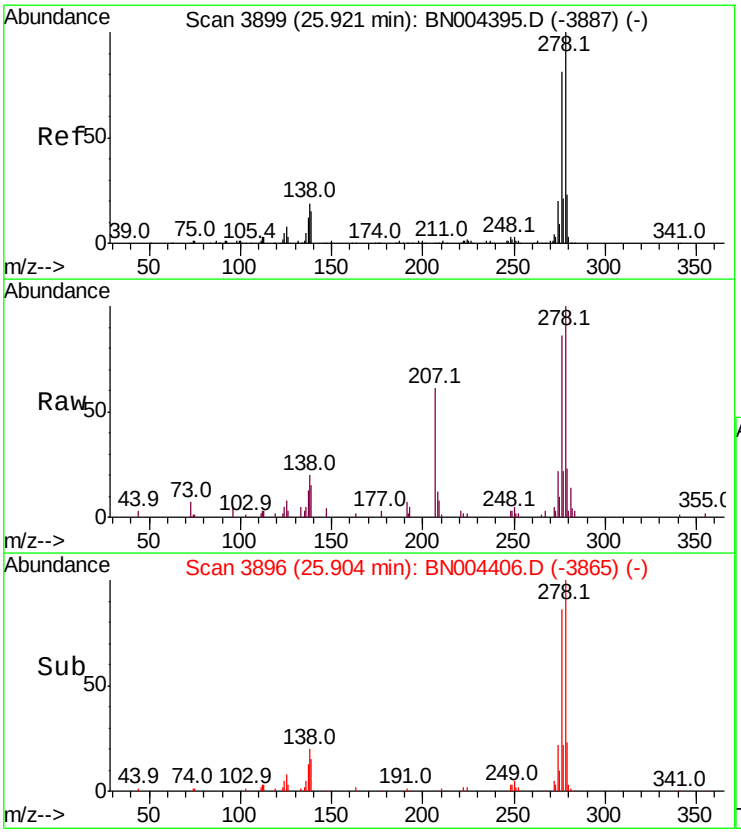
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.480 ng/ul
RT: 25.89 min Scan# 3894
Delta R.T. -0.02 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:276 Resp: 78410

Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.7	28.1
277	25.0	19.8	29.8

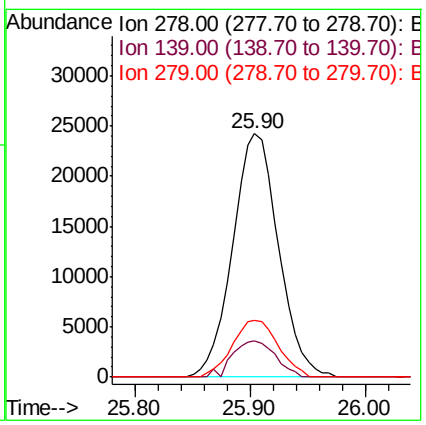


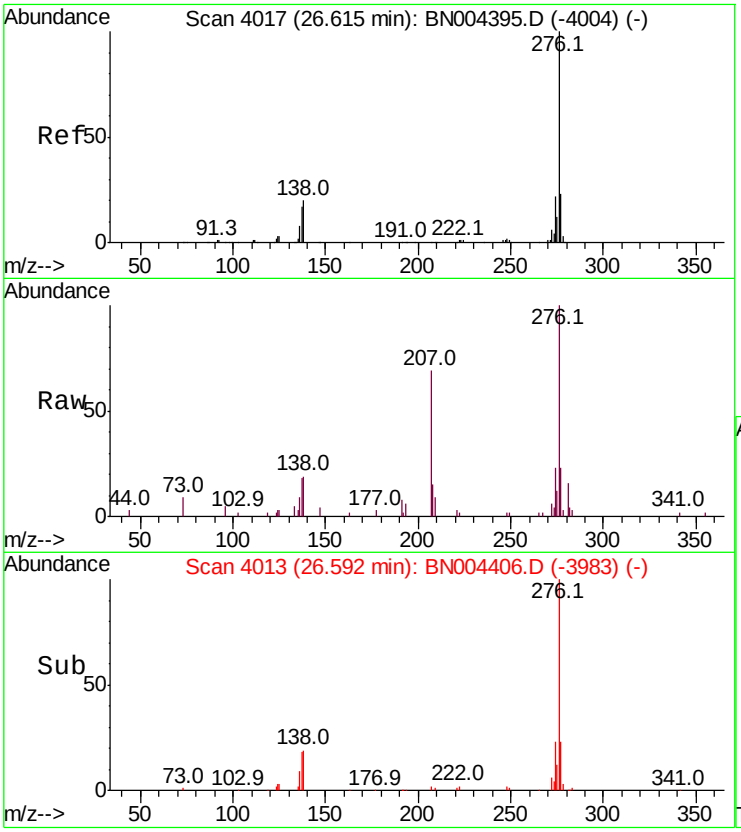


#93
Dibenzo(a,h)anthracene
Concen: 3.570 ng/ul
RT: 25.90 min Scan# 3896
Delta R.T. -0.02 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Tgt Ion:278 Resp: 66931

Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.4	18.6
279	23.4	19.3	28.9





#94
Benzo(g,h,i)perylene
Concen: 3.537 ng/ul
RT: 26.59 min Scan# 4013
Delta R.T. -0.02 min
Lab File: BN004406.D
Acq: 13 Feb 2019 23:06

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-04

Tgt Ion:276 Resp: 66799

Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.7	25.1
277	22.7	19.0	28.6