Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005166.D
Acq On : 22 Apr 2019 10:26
Operator : JU/SJ
Sample : K2365-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : X2G52

Quant Time: Apr 23 03:40:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 04:25:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	381056	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1641313	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	952760	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2041928	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1950046	20.00	ng/ul	0.02
85) Perylene-d12	23.43	264	2001913	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	48768	6.18	ng/uL	0.00
5) Phenol-d5	6.78	99	986442	32.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	619898	33.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	766159	33.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	796368	34.04	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	373389	36.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	400722	39.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	789916	33.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	1092074	45.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	2452591	35.46	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2989744	35.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	430043	39.38	ng/ul	0.00
57) Fluorene-d10	15.23	176	2018752	34.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	389881	42.45	ng/ul	0.00
70) Anthracene-d10	17.09	188	3019220	35.27	ng/ul	0.00
78) Pyrene-d10	19.40	212	3325694	33.34	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	3137771	35.87	ng/ul	0.05
Target Compounds						Qvalue
8) Bis(2-Chloroethyl)ether	7.04	93	463134	18.789	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.13	45	634176	15.323	ng/ul	99
16) 4-Methylphenol	8.36	108	1120092	44.962	ng/ul	85
17) Hexachloroethane	8.66	117	577558	56.169	ng/ul	97
20) Nitrobenzene	8.78	77	539966	19.422	ng/ul	98
23) 2-Nitrophenol	9.49	139	493831	42.553	ng/ul	97
24) 2,4-Dimethylphenol	9.55	107	747456	25.723	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.79	93	614060	17.751	ng/ul	99
27) 2,4-Dichlorophenol	10.01	162	589675	25.452	ng/ul	97
30) 4-Chloroaniline	10.53	127	1723683	69.901	ng/ul	100
34) 2-Methylnaphthalene	12.03	142	1360730	24.356	ng/ul	98
37) Hexachlorocyclopentadiene	12.39	237	1010137	50.248	ng/ul	99
38) 2,4,6-Trichlorophenol	12.65	196	341449	19.204	ng/ul	98
39) 2,4,5-Trichlorophenol	12.65	196	325372	17.030	ng/ul	98
41) 2-Chloronaphthalene	13.10	162	820444	15.027	ng/ul	98
42) 2-Nitroaniline	13.30	65	1091694	75.387	ng/ul	100
44) Dimethylphthalate	13.70	163	2154295	31.260	ng/ul	100
45) 2,6-Dinitrotoluene	13.81	165	203722	17.120	ng/ul	98
48) 3-Nitroaniline	14.14	138	854486	77.243	ng/ul	97
50) 2,4-Dinitrophenol	14.35	184	463374	79.942	ng/ul	99
52) 4-Nitrophenol	14.45	109	659125	66.494	ng/ul	92
59) 4-Chlorophenyl-phenylether	15.29	204	539879	15.895	ng/ul	98
60) 4-Nitroaniline	15.31	138	531975	38.574	ng/ul	98

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005166.D
Acq On : 22 Apr 2019 10:26
Operator : JU/SJ
Sample : K2365-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : X2G52

Quant Time: Apr 23 03:40:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 04:25:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 4,6-Dinitro-2-methylphenol	15.37	198	664020	67.935	ng/ul	97
65) 4-Bromophenyl-phenylether	16.19	248	1268293	61.654	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.15	252	915802	23.506	ng/ul	99

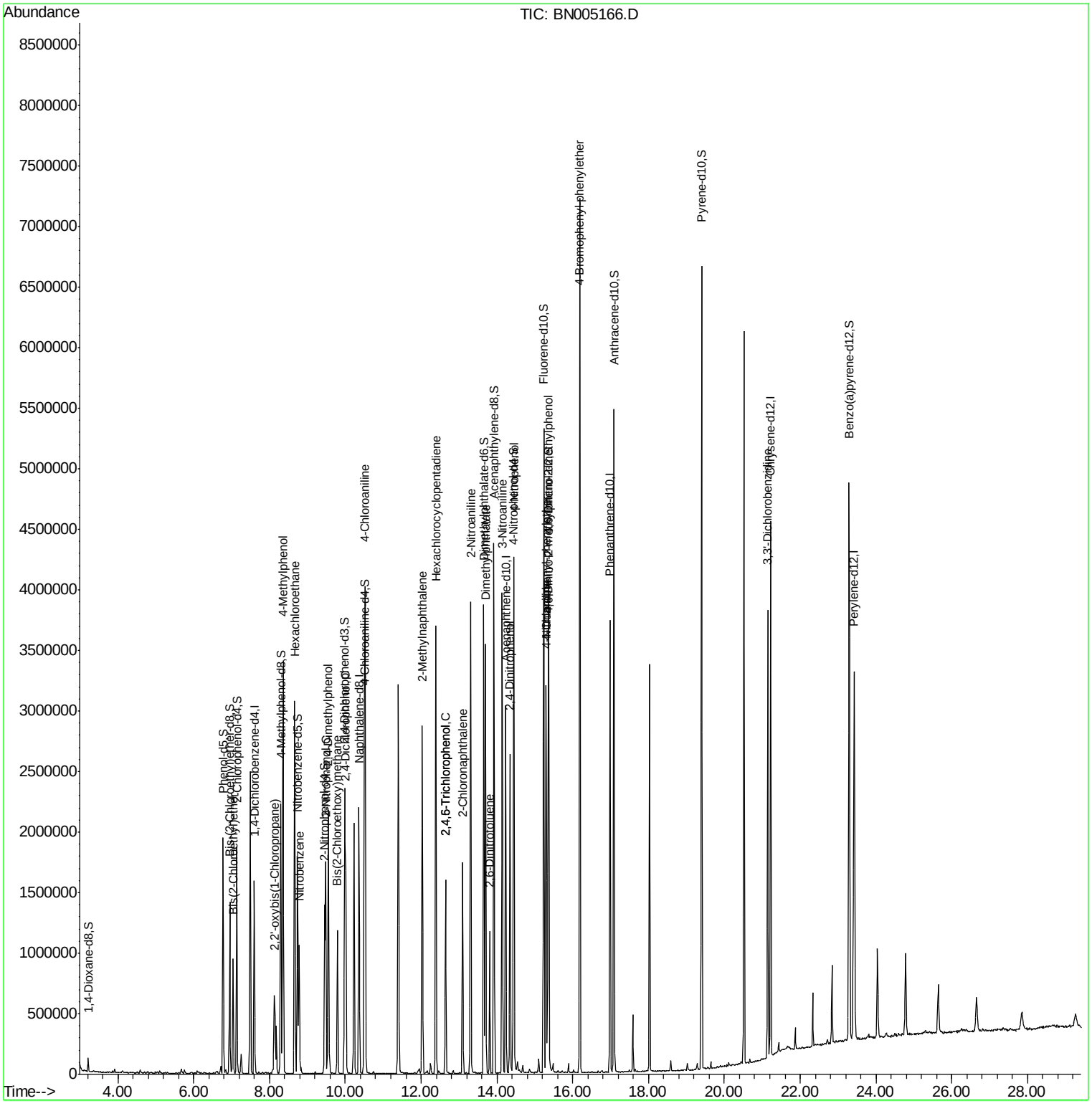
(#) = qualifier out of range (m) = manual integration (+) = signals summed

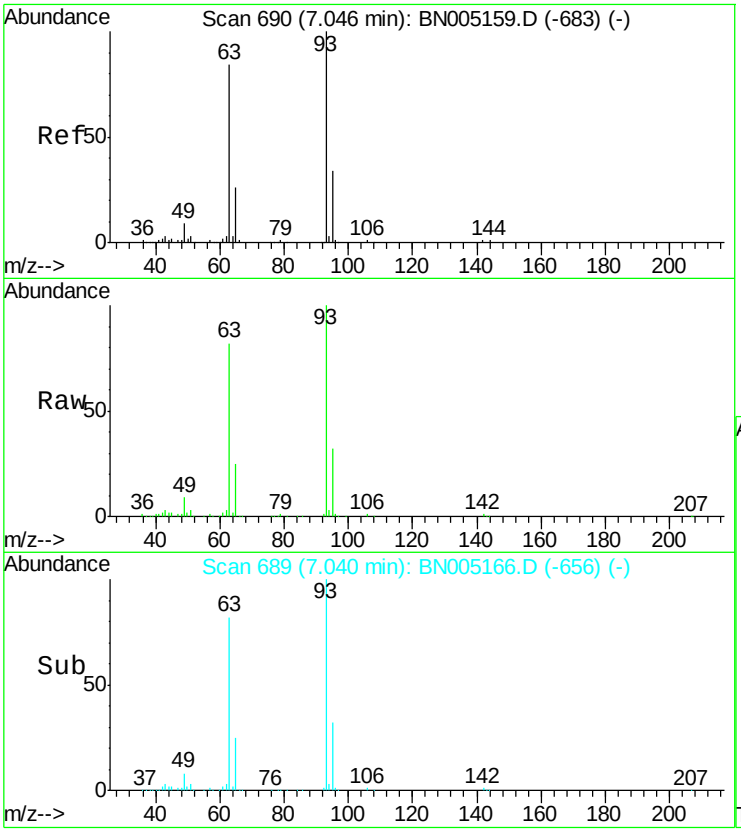
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005166.D
Acq On : 22 Apr 2019 10:26
Operator : JU/SJ
Sample : K2365-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : X2G52

Quant Time: Apr 23 03:40:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 04:25:06 2019
Response via : Initial Calibration



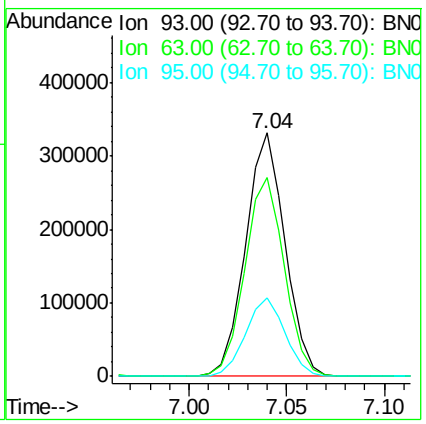


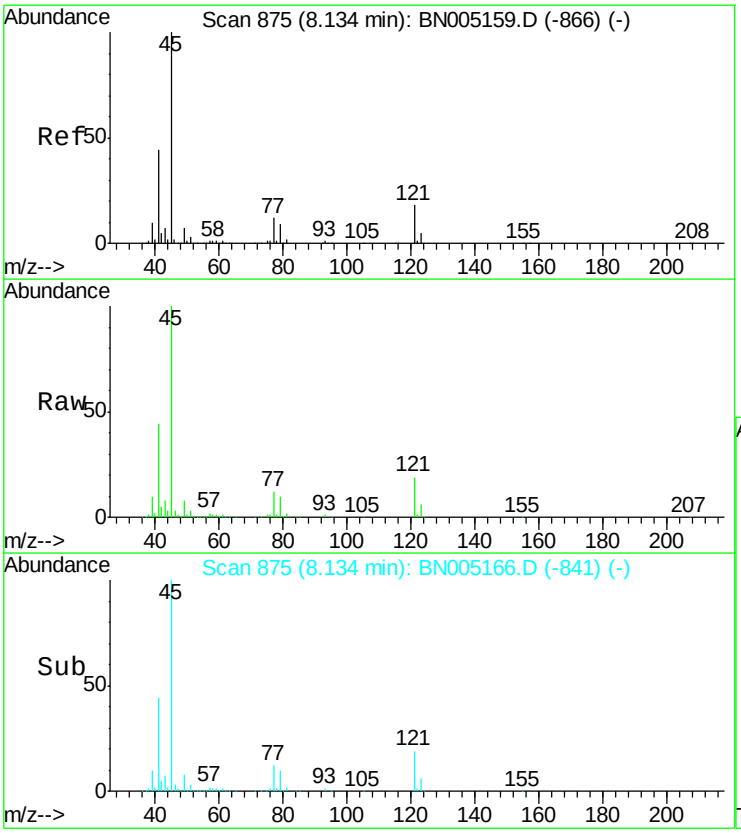
#8
Bis(2-Chloroethyl)ether
Concen: 18.789 ng/ul
RT: 7.04 min Scan# 689
Delta R.T. -0.01 min
Lab File: BN005166.D
Acq: 22 Apr 2019 10:26

Instrument :
BNA_N
ClientSampleId :
X2G52

Tgt Ion: 93 Resp: 463134

Ion	Ratio	Lower	Upper
93	100		
63	81.9	67.1	100.7
95	32.5	26.9	40.3

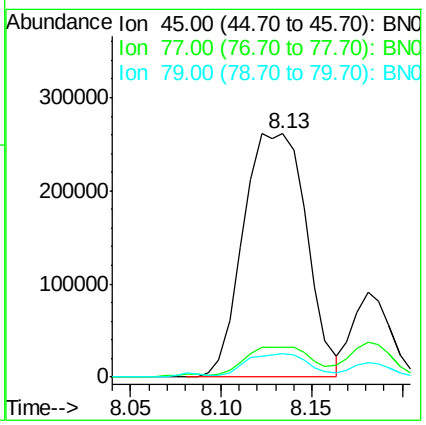


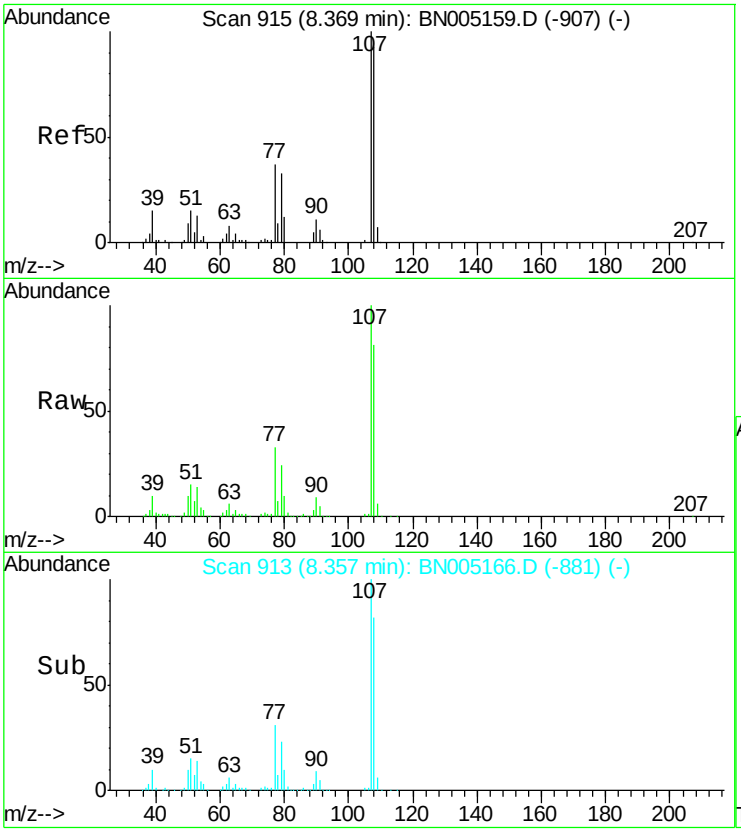


#12
2,2'-oxybis(1-Chloropropane)
Concen: 15.323 ng/ul
RT: 8.13 min Scan# 875
Delta R.T. 0.00 min
Lab File: BN005166.D
Acq: 22 Apr 2019 10:26

Tgt Ion: 45 Resp: 634176

Ion	Ratio	Lower	Upper
45	100		
77	12.4	9.8	14.6
79	9.9	7.4	11.0



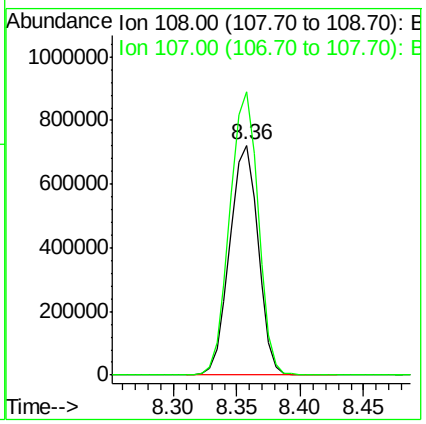


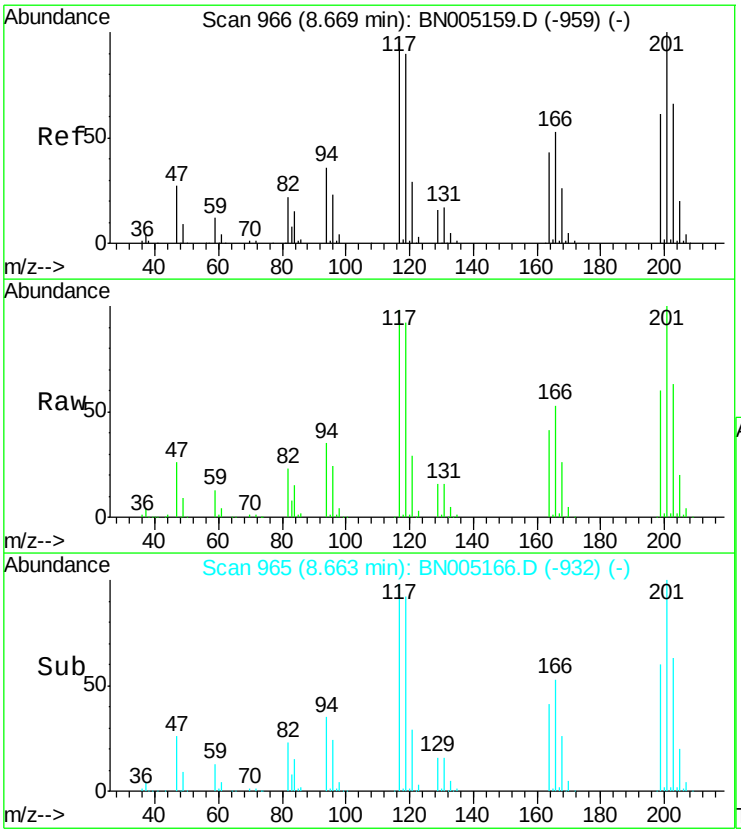
#16
4-Methylphenol
Concen: 44.962 ng/ul
RT: 8.36 min Scan# 913
Delta R.T. -0.01 min
Lab File: BN005166.D
Acq: 22 Apr 2019 10:26

Instrument :
BNA_N
ClientSampleId :
X2G52

Tgt Ion:108 Resp: 1120092

Ion	Ratio	Lower	Upper
108	100		
107	123.0	86.1	129.1

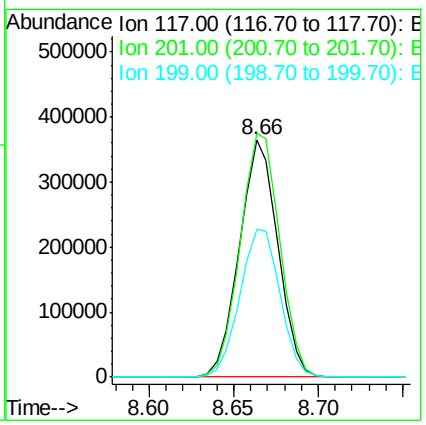


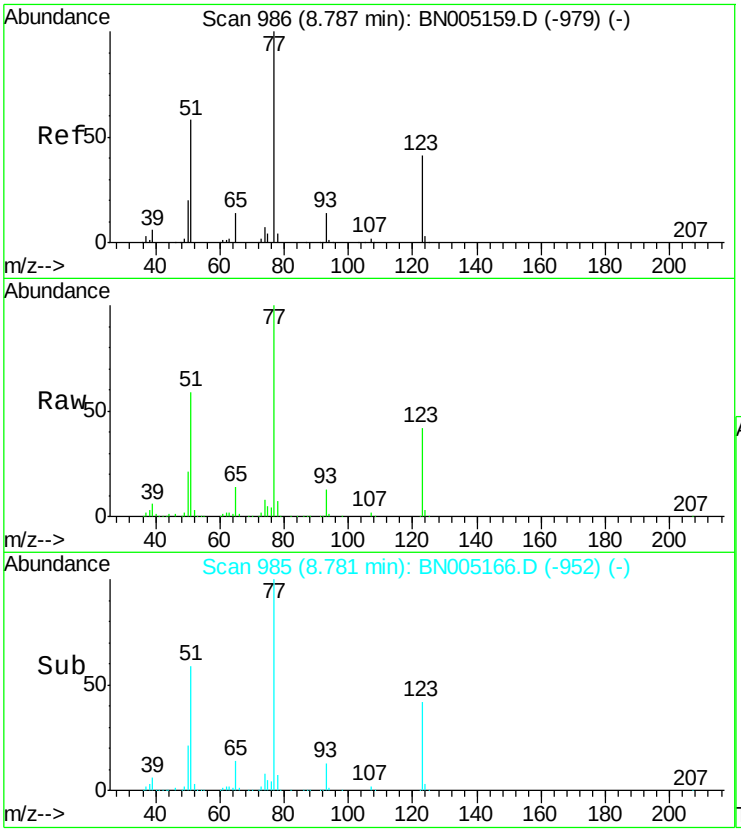


#17
Hexachloroethane
Concen: 56.169 ng/ul
RT: 8.66 min Scan# 965
Delta R.T. -0.01 min
Lab File: BN005166.D
Acq: 22 Apr 2019 10:26

Tgt Ion:117 Resp: 577558

Ion	Ratio	Lower	Upper
117	100		
201	102.5	84.1	126.1
199	62.0	51.2	76.8



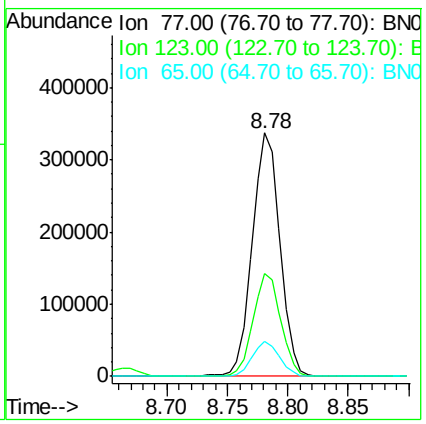


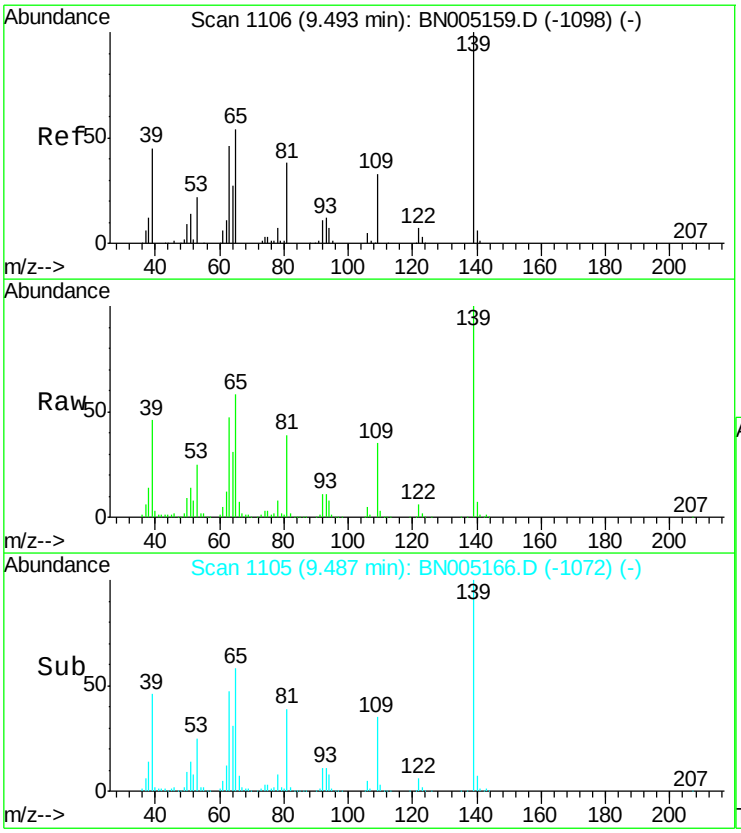
#20
Nitrobenzene
Concen: 19.422 ng/ul
RT: 8.78 min Scan# 985
Delta R.T. -0.01 min
Lab File: BN005166.D
Acq: 22 Apr 2019 10:26

Instrument :
BNA_N
ClientSampleId :
X2G52

Tgt Ion: 77 Resp: 539966

Ion	Ratio	Lower	Upper
77	100		
123	42.2	32.6	49.0
65	14.1	11.6	17.4

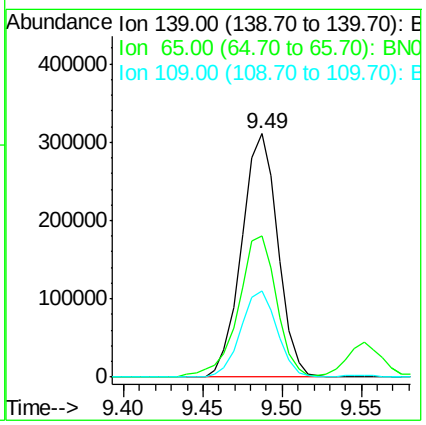


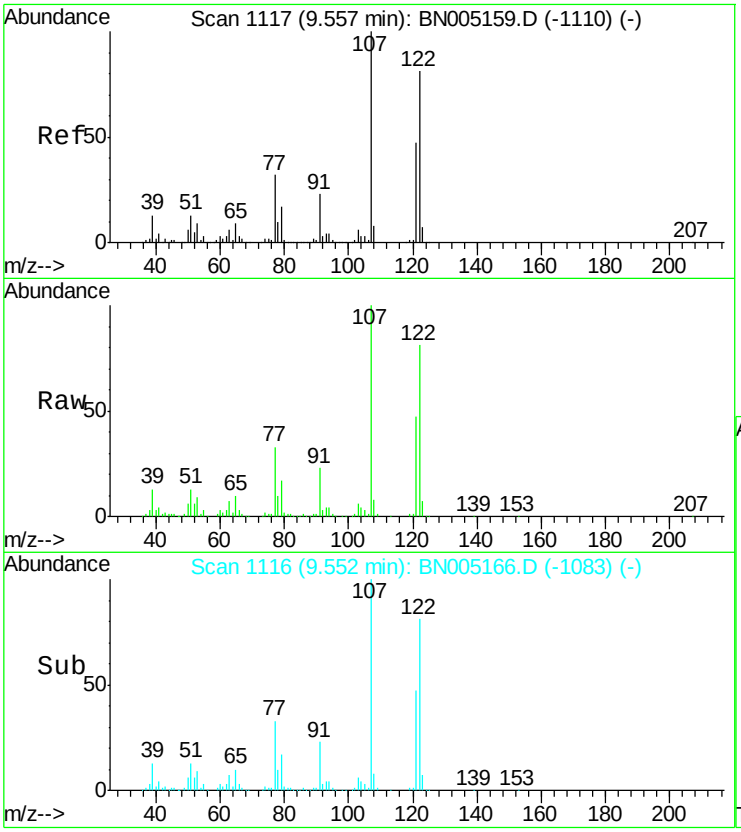


#23
2-Nitrophenol
Concen: 42.553 ng/ul
RT: 9.49 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BN005166.D
Acq: 22 Apr 2019 10:26

Tgt Ion:139 Resp: 493831

Ion	Ratio	Lower	Upper
139	100		
65	57.7	44.2	66.4
109	35.2	26.8	40.2



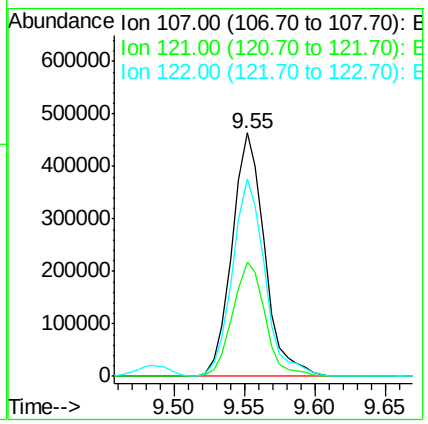


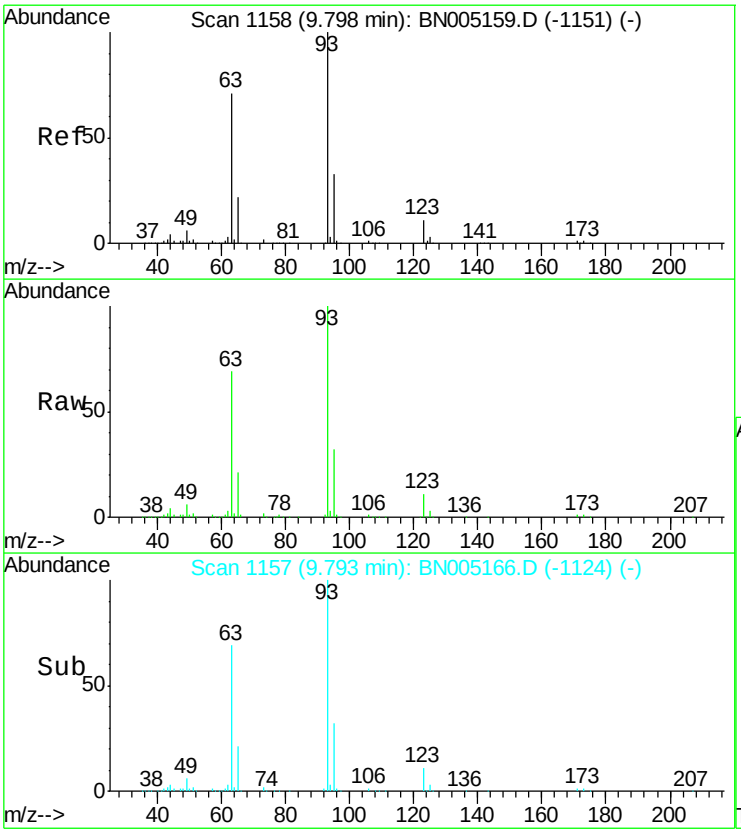
#24
2,4-Dimethylphenol
Concen: 25.723 ng/ul
RT: 9.55 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BN005166.D
Acq: 22 Apr 2019 10:26

Instrument :
BNA_N
ClientSampleId :
X2G52

Tgt Ion:107 Resp: 747456

Ion	Ratio	Lower	Upper
107	100		
121	47.2	37.8	56.8
122	81.2	65.0	97.4

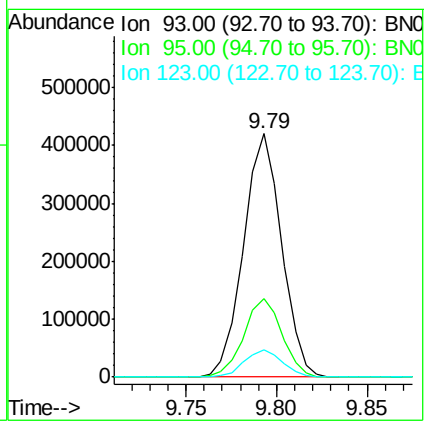


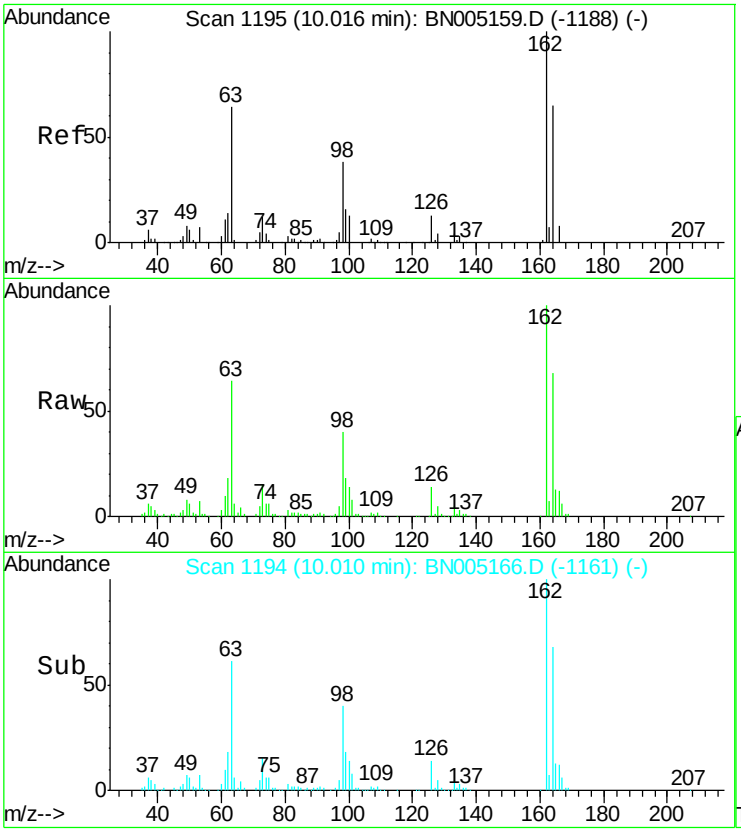


#25
Bis(2-Chloroethoxy)methane
Concen: 17.751 ng/ul
RT: 9.79 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BN005166.D
Acq: 22 Apr 2019 10:26

Tgt Ion: 93 Resp: 614060

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.6	39.8
123	11.0	8.9	13.3



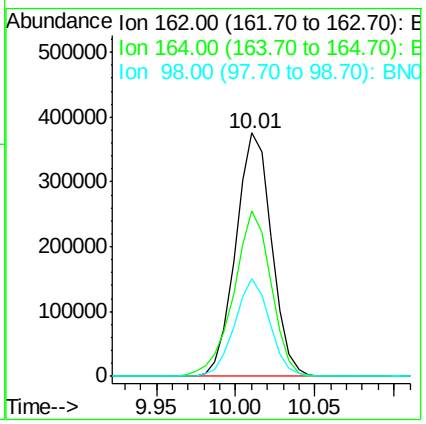


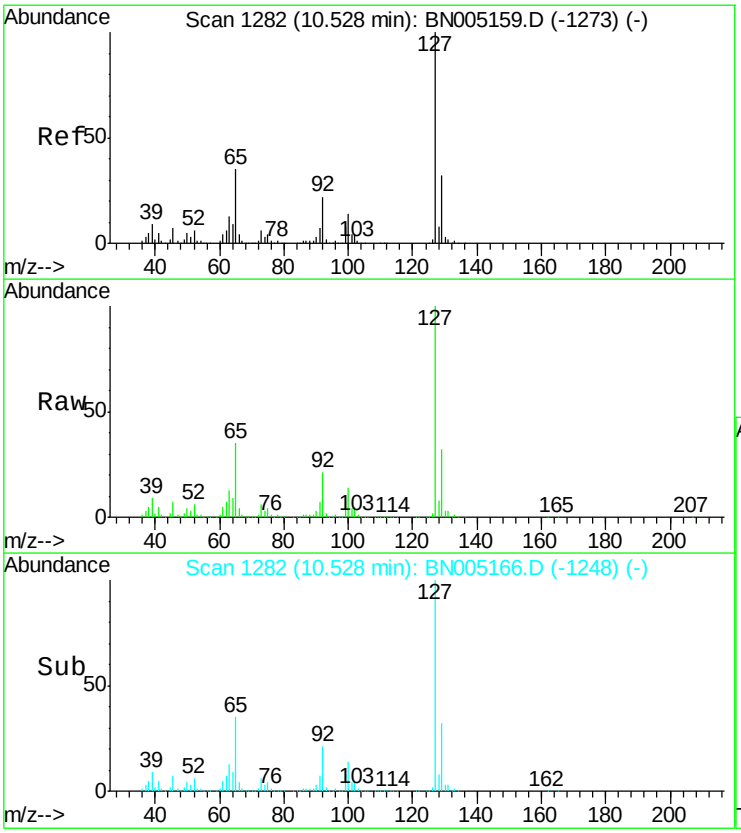
#27
2,4-Dichlorophenol
Concen: 25.452 ng/ul
RT: 10.01 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BN005166.D
Acq: 22 Apr 2019 10:26

Instrument :
BNA_N
ClientSampleId :
X2G52

Tgt Ion:162 Resp: 589675

Ion	Ratio	Lower	Upper
162	100		
164	67.9	52.6	79.0
98	39.9	30.8	46.2

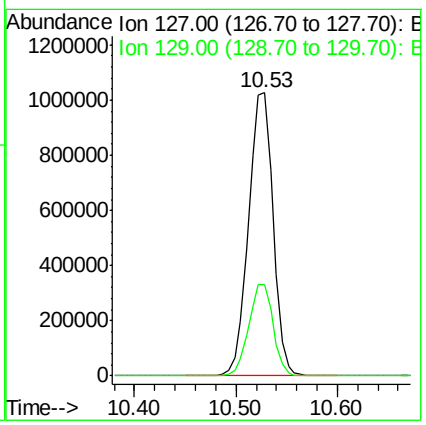


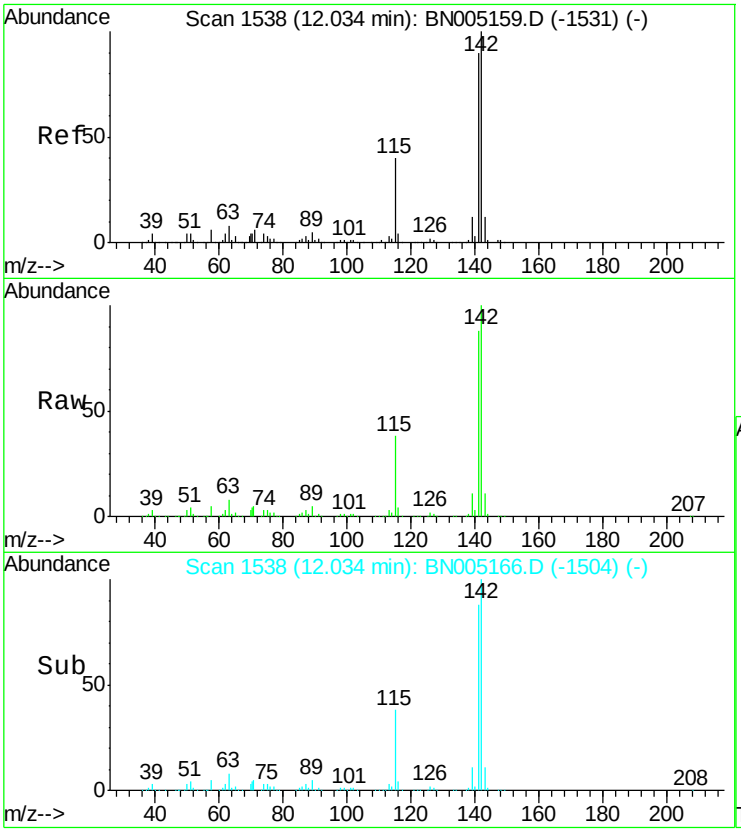


#30
4-Chloroaniline
Concen: 69.901 ng/ul
RT: 10.53 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BN005166.D
Acq: 22 Apr 2019 10:26

Tgt Ion:127 Resp: 1723683

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6



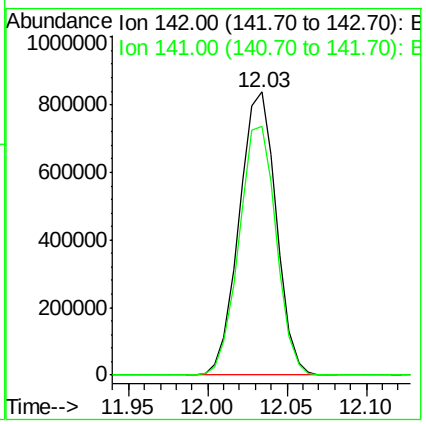


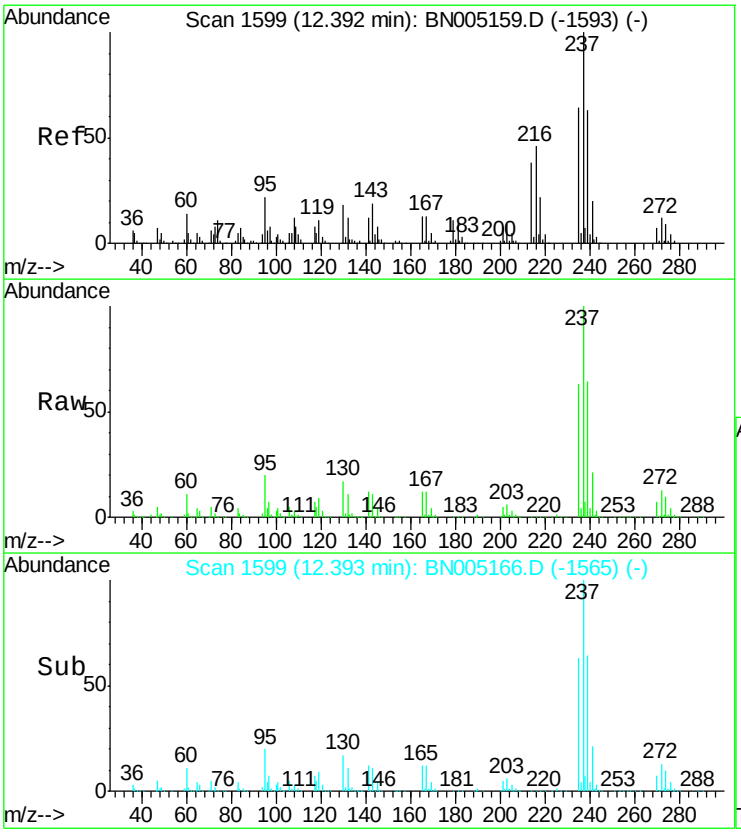
#34
2-Methylnaphthalene
Concen: 24.356 ng/ul
RT: 12.03 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BN005166.D
Acq: 22 Apr 2019 10:26

Instrument :
BNA_N
ClientSampleId :
X2G52

Tgt Ion:142 Resp: 1360730

Ion	Ratio	Lower	Upper
142	100		
141	87.8	72.0	108.0

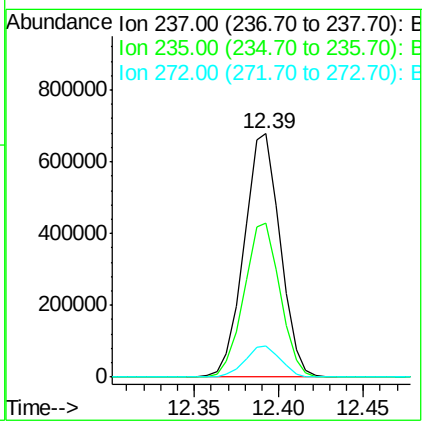


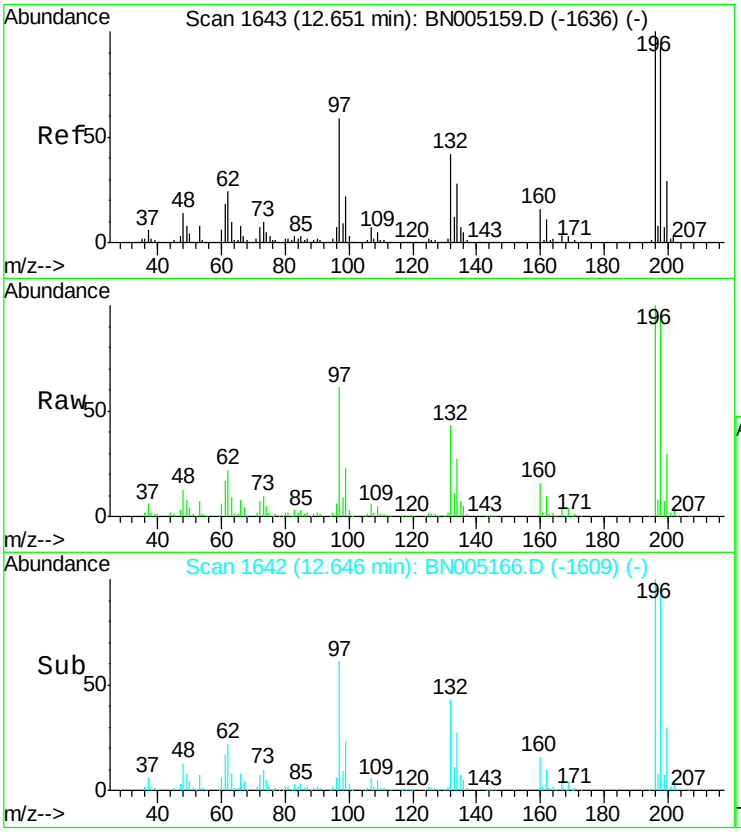


#37
Hexachlorocyclopentadiene
Concen: 50.248 ng/ul
RT: 12.39 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BN005166.D
Acq: 22 Apr 2019 10:26

Tgt Ion:237 Resp: 1010137

Ion	Ratio	Lower	Upper
237	100		
235	63.5	51.1	76.7
272	12.7	9.5	14.3



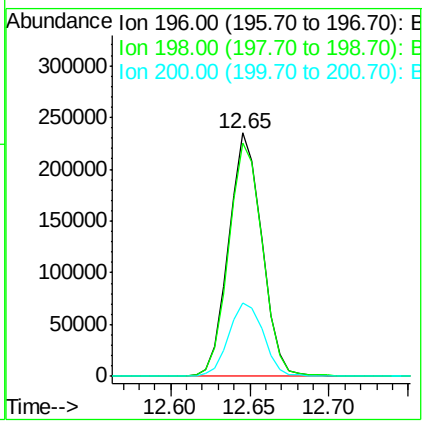


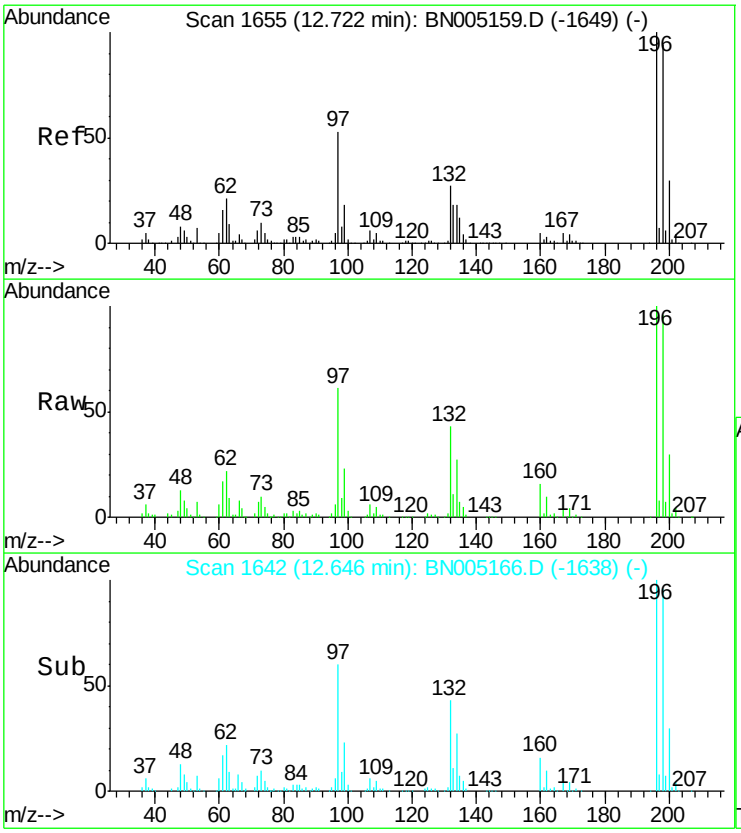
#38
2,4,6-Trichlorophenol
Concen: 19.204 ng/ul
RT: 12.65 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BN005166.D
Acq: 22 Apr 2019 10:26

Instrument :
BNA_N
ClientSampleId :
X2G52

Tgt Ion:196 Resp: 341449

Ion	Ratio	Lower	Upper
196	100		
198	96.1	74.8	112.2
200	30.3	23.5	35.3

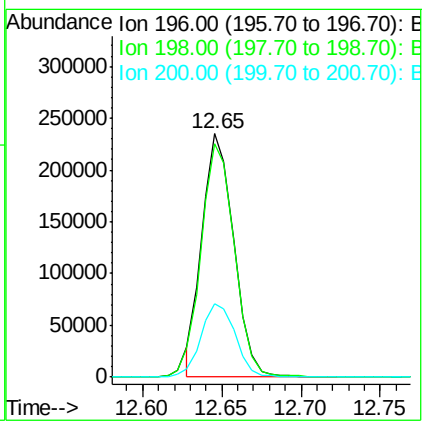


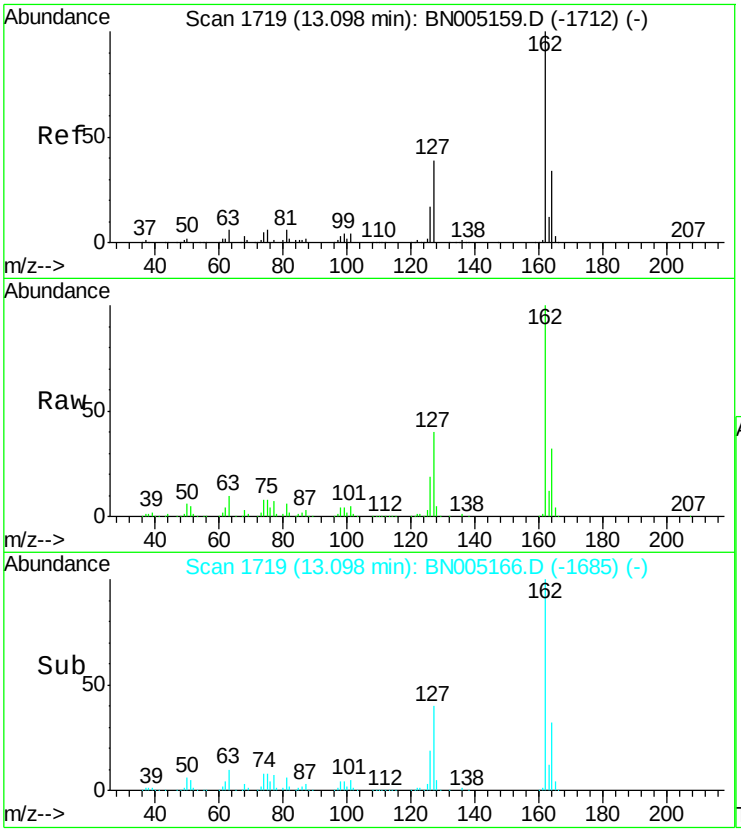


#39
2,4,5-Trichlorophenol
Concen: 17.030 ng/ul
RT: 12.65 min Scan# 1642
Delta R.T. -0.08 min
Lab File: BN005166.D
Acq: 22 Apr 2019 10:26

Tgt Ion:196 Resp: 325372

Ion	Ratio	Lower	Upper
196	100		
198	96.1	75.0	112.4
200	30.3	24.2	36.4



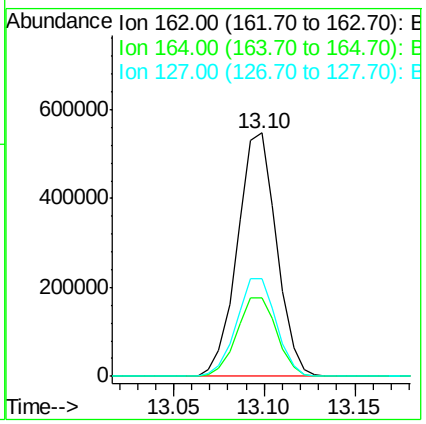


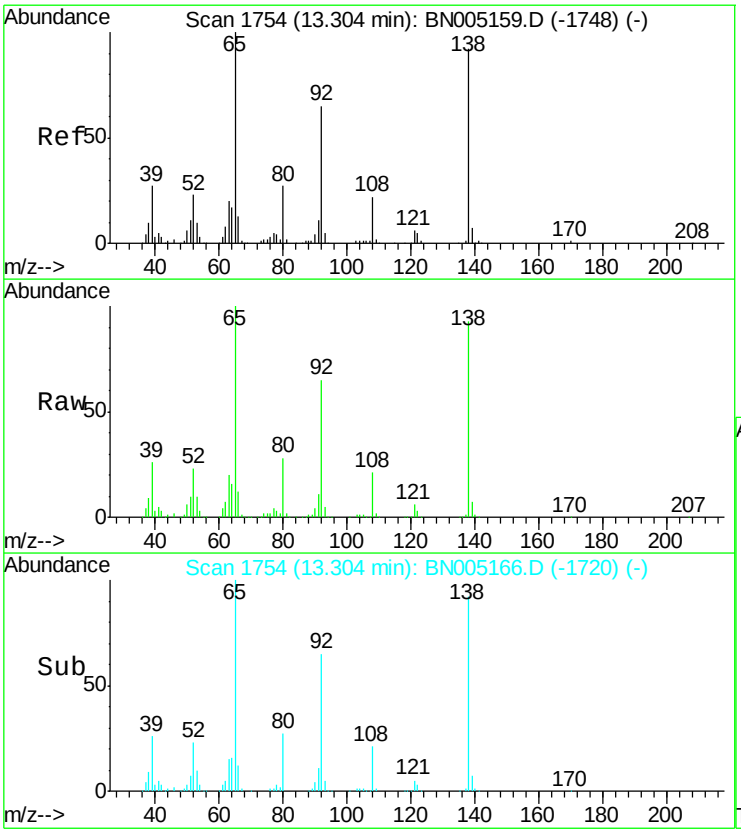
#41
2-Chloronaphthalene
Concen: 15.027 ng/ul
RT: 13.10 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BN005166.D
Acq: 22 Apr 2019 10:26

Instrument :
BNA_N
ClientSampleId :
X2G52

Tgt Ion:162 Resp: 820444

Ion	Ratio	Lower	Upper
162	100		
164	32.3	26.8	40.2
127	40.2	33.5	50.3

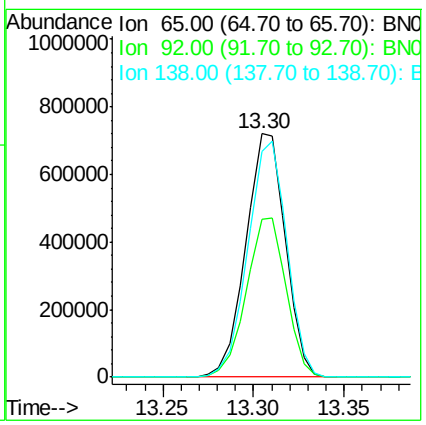


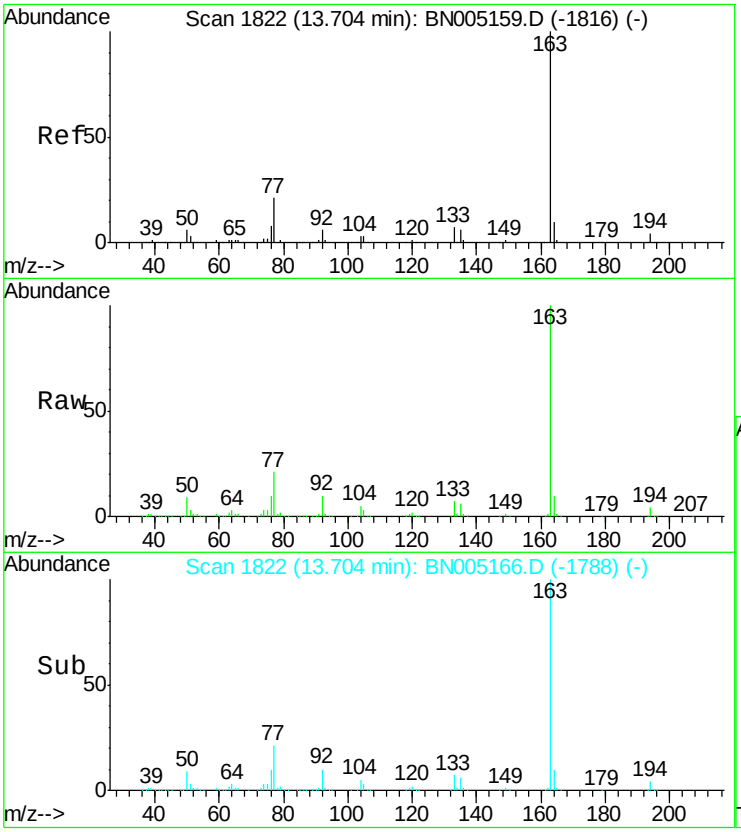


#42
2-Nitroaniline
Concen: 75.387 ng/ul
RT: 13.30 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BN005166.D
Acq: 22 Apr 2019 10:26

Tgt Ion: 65 Resp: 1091694

Ion	Ratio	Lower	Upper
65	100		
92	65.0	51.6	77.4
138	92.5	73.9	110.9



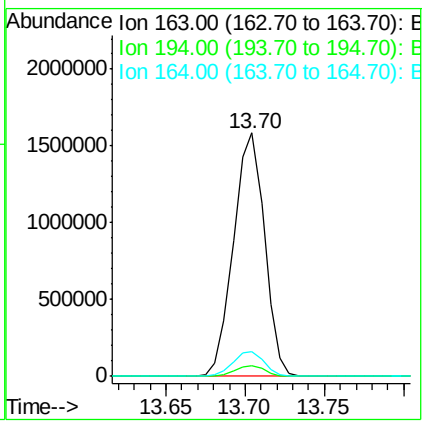


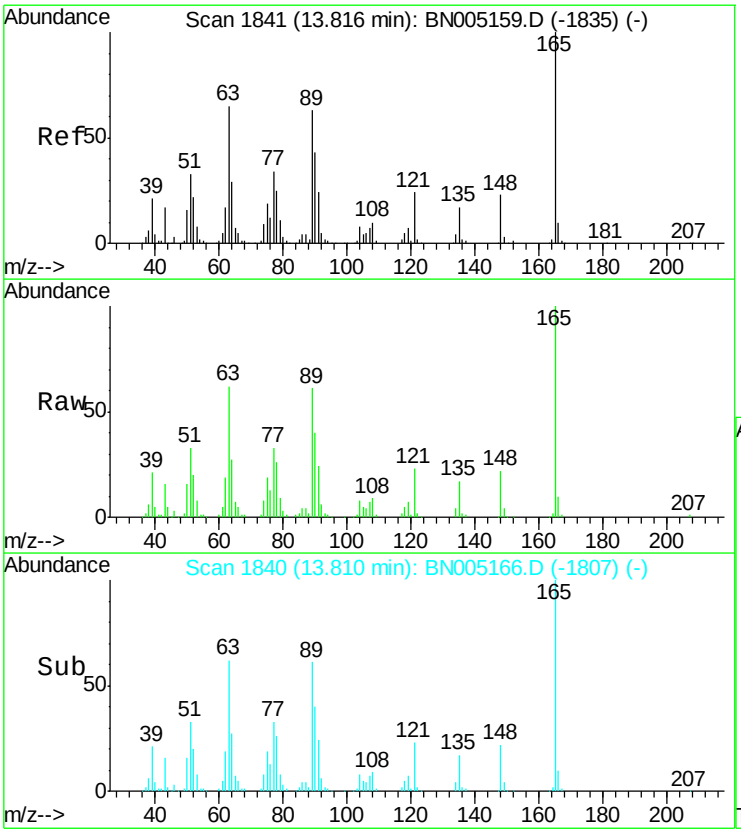
#44
Dimethylphthalate
Concen: 31.260 ng/ul
RT: 13.70 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BN005166.D
Acq: 22 Apr 2019 10:26

Instrument :
BNA_N
ClientSampleId :
X2G52

Tgt Ion:163 Resp: 2154295

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.1	8.1	12.1

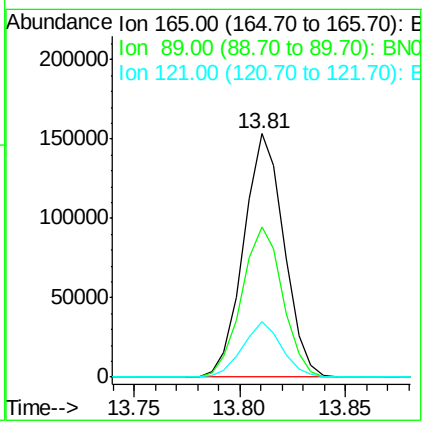


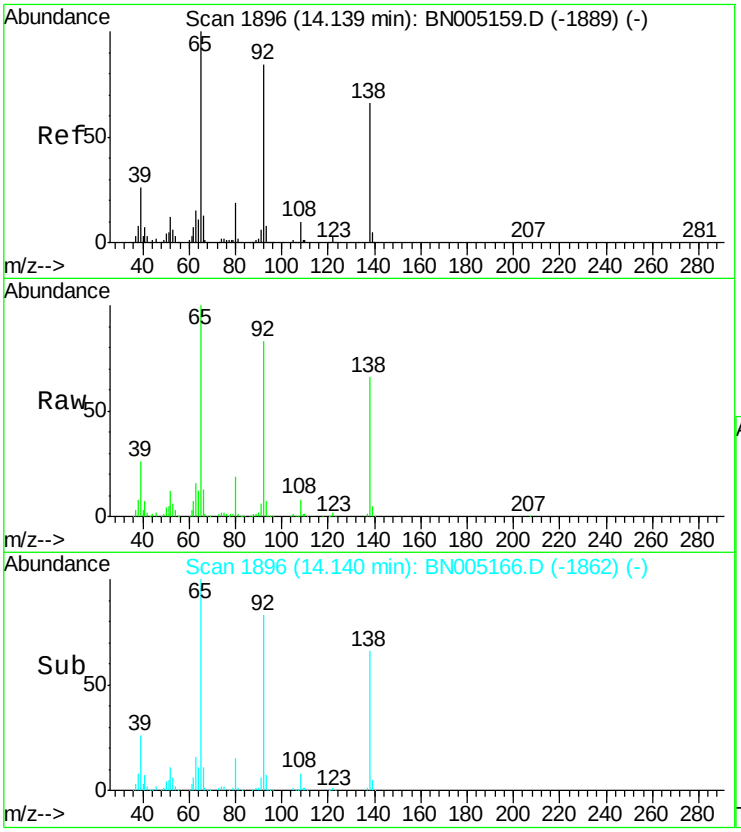


#45
2,6-Dinitrotoluene
Concen: 17.120 ng/ul
RT: 13.81 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BN005166.D
Acq: 22 Apr 2019 10:26

Tgt Ion:165 Resp: 203722

Ion	Ratio	Lower	Upper
165	100		
89	61.5	50.2	75.2
121	22.7	19.4	29.2



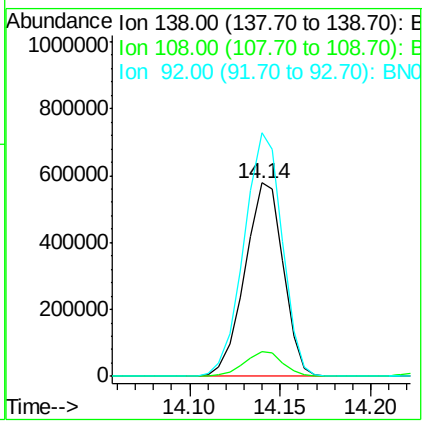


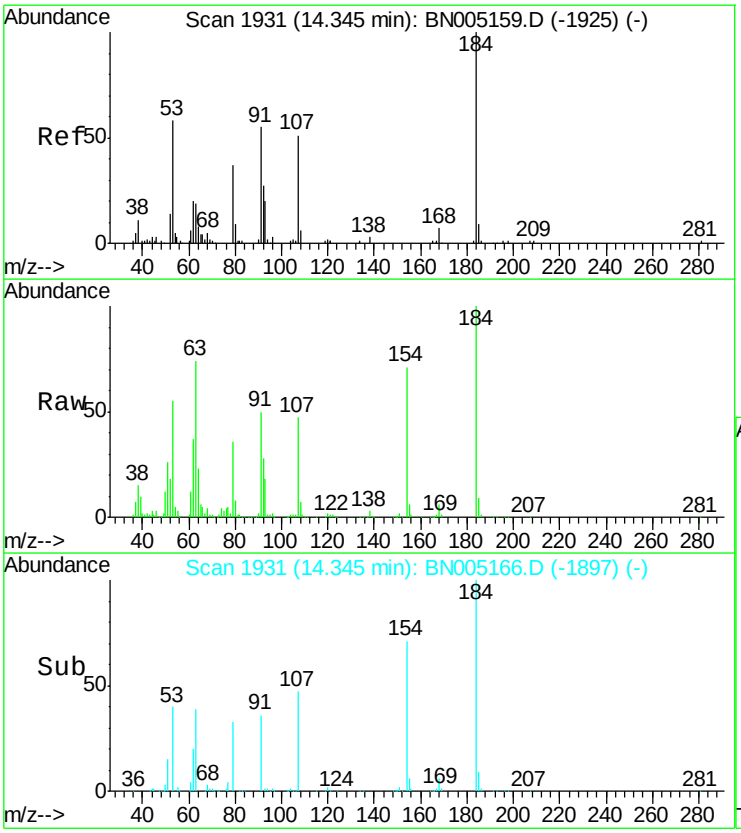
#48
3-Nitroaniline
Concen: 77.243 ng/ul
RT: 14.14 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BN005166.D
Acq: 22 Apr 2019 10:26

Instrument :
BNA_N
ClientSampleId :
X2G52

Tgt Ion:138 Resp: 854486

Ion	Ratio	Lower	Upper
138	100		
108	12.7	12.1	18.1
92	125.8	102.9	154.3

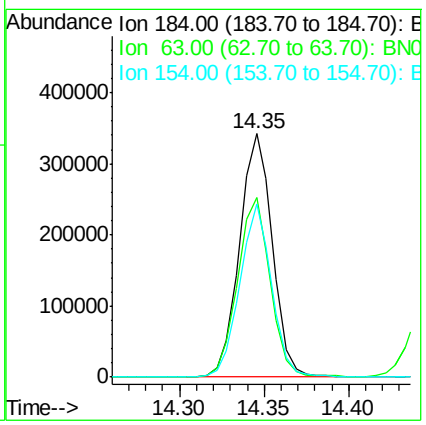


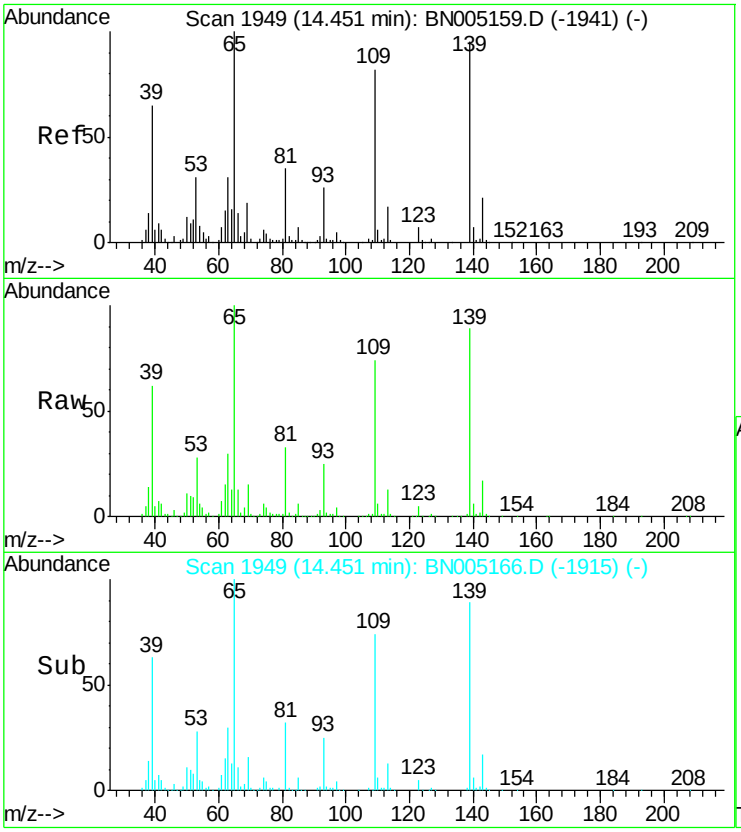


#50
2,4-Dinitrophenol
Concen: 79.942 ng/ul
RT: 14.35 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BN005166.D
Acq: 22 Apr 2019 10:26

Tgt Ion:184 Resp: 463374

Ion	Ratio	Lower	Upper
184	100		
63	73.8	59.8	89.8
154	71.3	56.3	84.5



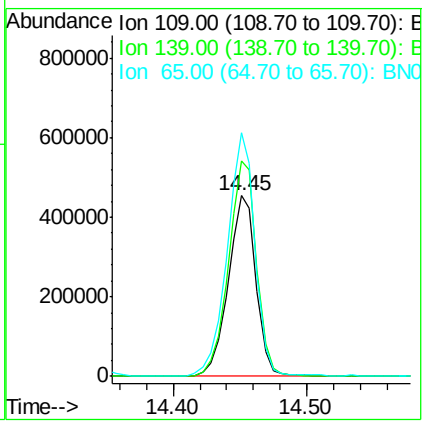


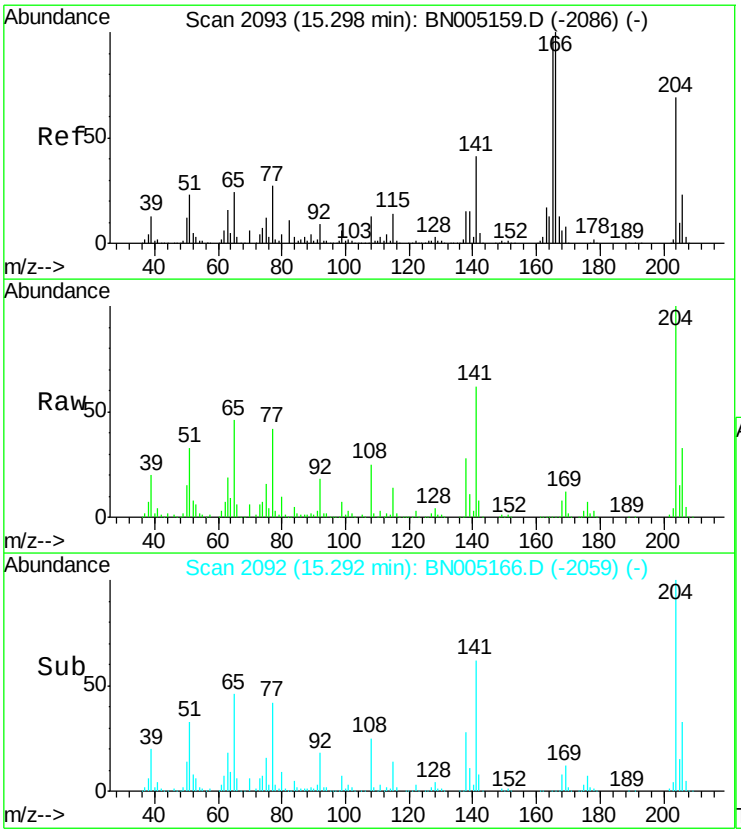
#52
4-Nitrophenol
Concen: 66.494 ng/ul
RT: 14.45 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BN005166.D
Acq: 22 Apr 2019 10:26

Instrument :
BNA_N
ClientSampleId :
X2G52

Tgt Ion:109 Resp: 659125

Ion	Ratio	Lower	Upper
109	100		
139	119.5	92.3	138.5
65	134.7	97.5	146.3

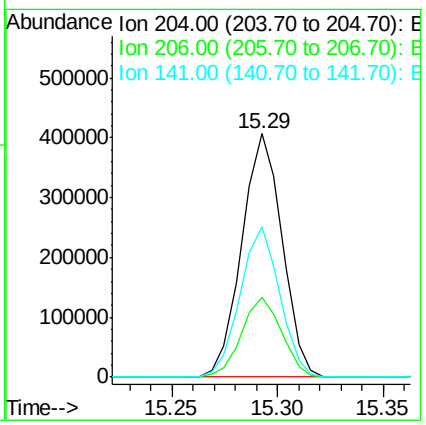


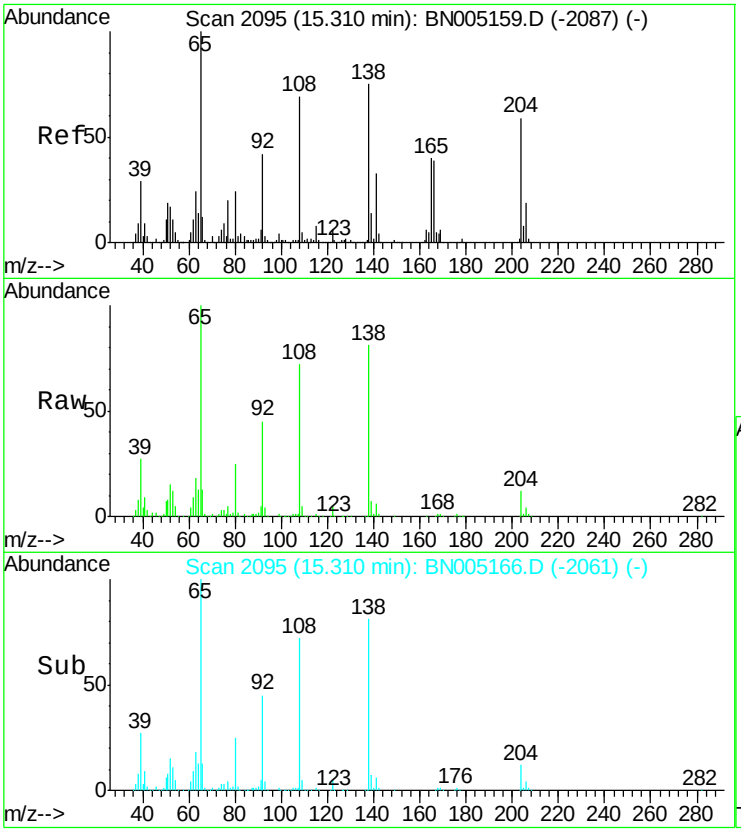


#59
4-Chlorophenyl-phenylether
Concen: 15.895 ng/ul
RT: 15.29 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BN005166.D
Acq: 22 Apr 2019 10:26

Tgt Ion:204 Resp: 539879

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.9	40.3
141	61.6	47.9	71.9



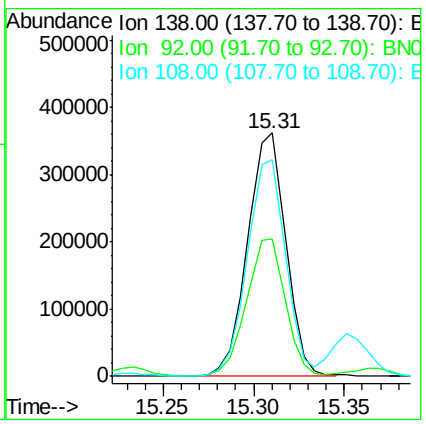


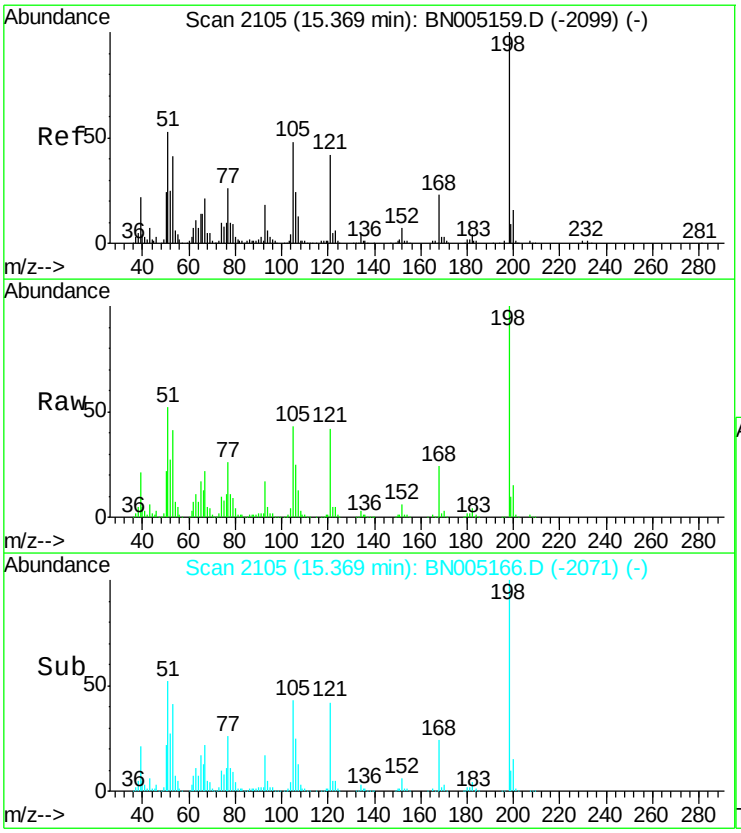
#60
4-Nitroaniline
Concen: 38.574 ng/ul
RT: 15.31 min Scan# 2095
Delta R.T. 0.00 min
Lab File: BN005166.D
Acq: 22 Apr 2019 10:26

Instrument :
BNA_N
ClientSampleId :
X2G52

Tgt Ion:138 Resp: 531975

Ion	Ratio	Lower	Upper
138	100		
92	56.3	45.3	67.9
108	89.0	73.2	109.8

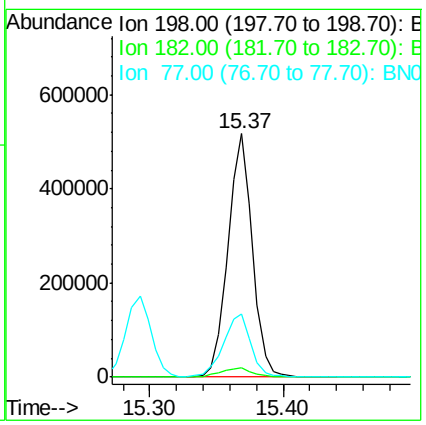


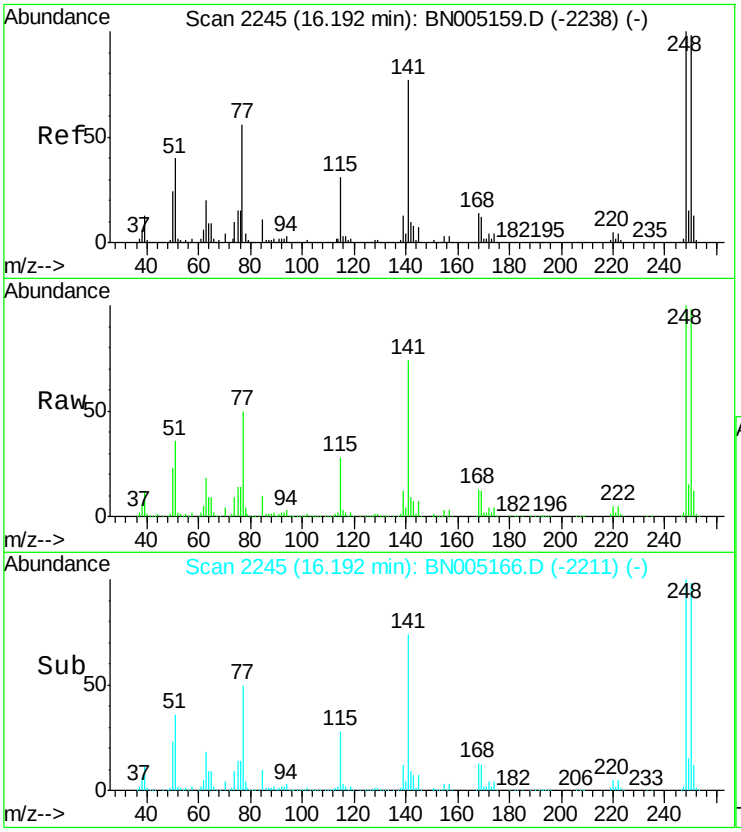


#63
4,6-Dinitro-2-methylphenol
Concen: 67.935 ng/ul
RT: 15.37 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BN005166.D
Acq: 22 Apr 2019 10:26

Tgt Ion:198 Resp: 664020

Ion	Ratio	Lower	Upper
198	100		
182	3.9	3.0	4.6
77	25.7	21.9	32.9



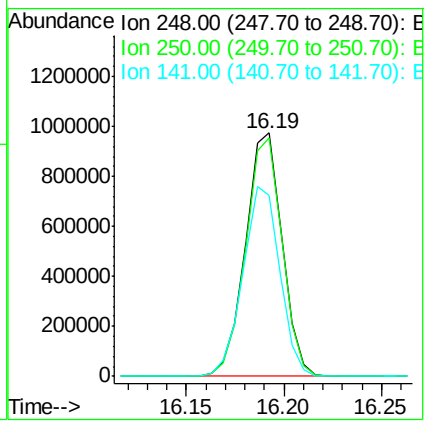


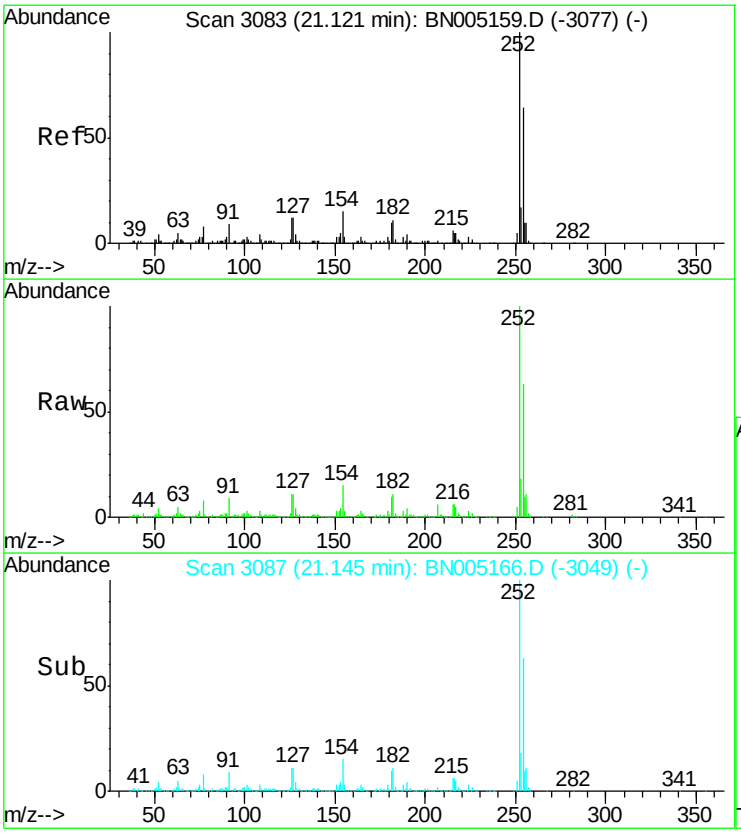
#65
4-Bromophenyl-phenylether
Concen: 61.654 ng/ul
RT: 16.19 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BN005166.D
Acq: 22 Apr 2019 10:26

Instrument :
BNA_N
ClientSampleId :
X2G52

Tgt Ion:248 Resp: 1268293

Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.4	117.6
141	74.2	61.8	92.6





#81
3,3'-Dichlorobenzidine
Concen: 23.506 ng/ul
RT: 21.15 min Scan# 3087
Delta R.T. 0.02 min
Lab File: BN005166.D
Acq: 22 Apr 2019 10:26

Tgt Ion:252 Resp: 915802

Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.1	76.7
126	10.9	9.4	14.0