Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111319\

Quantitation Report (Not Reviewed)

Data File : BN008573.D
Acq On : 15 Nov 2019 01:07
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02063

Quant Time: Nov 15 04:31:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 04:28:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	388448	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1684721	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	1099687	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	2274345	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	2079400	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	2243070	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	57074	5.96	ng/uL	0.00
5) Phenol-d5	6.82	99	616670	18.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	374186	17.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	479596	18.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	500746	18.91	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	233773	20.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	259664	24.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	520696	18.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	620375	19.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	1517253	17.43	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	1754557	17.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	273585	20.28	ng/ul	0.00
57) Fluorene-d10	15.26	176	1281948	17.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	206968	23.84	ng/ul	0.00
70) Anthracene-d10	17.10	188	1949972	18.09	ng/ul	0.00
78) Pyrene-d10	19.40	212	2187495	18.42	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	2145092	18.41	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	57345	5.927	ng/uL	99
4) Benzaldehyde	6.79	77	298134	15.274	ng/ul	99
6) Phenol	6.85	94	654132	18.590	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.07	93	492942	18.263	ng/ul	96
10) 2-Chlorophenol	7.20	128	504901	18.823	ng/ul	98
11) 2-Methylphenol	8.08	108	498061	18.875	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	816503	18.349	ng/ul	98
14) Acetophenone	8.45	105	816169	19.106	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.44	70	421494	18.848	ng/ul	97
16) 4-Methylphenol	8.40	108	538209	18.880	ng/ul	90
17) Hexachloroethane	8.70	117	210921	18.370	ng/ul	93
20) Nitrobenzene	8.81	77	609168	19.294	ng/ul	96
21) Isophorone	9.34	82	1182685	17.744	ng/ul	99
23) 2-Nitrophenol	9.52	139	285983	23.505	ng/ul	94
24) 2,4-Dimethylphenol	9.59	107	634540	18.299	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.82	93	693484	17.841	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	526320	19.703	ng/ul	99
28) Naphthalene	10.45	128	1616109	18.232	ng/ul	100
30) 4-Chloroaniline	10.55	127	657302	19.945	ng/ul	98
31) Hexachlorobutadiene	10.75	225	336990	18.680	ng/ul	98
32) Caprolactam	11.31	113	101677	11.444	ng/ul	95
33) 4-Chloro-3-methylphenol	11.69	107	594625	18.726	ng/ul	97
34) 2-Methylnaphthalene	12.06	142	1212312	18.622	ng/ul	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111319\

Quantitation Report (Not Reviewed)

Data File : BN008573.D
Acq On : 15 Nov 2019 01:07
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02063

Quant Time: Nov 15 04:31:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 04:28:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	642697	19.169	ng/ul	94
37) Hexachlorocyclopentadiene	12.43	237	461116	23.185	ng/ul	99
38) 2,4,6-Trichlorophenol	12.68	196	428919	20.818	ng/ul	97
39) 2,4,5-Trichlorophenol	12.75	196	457007	20.754	ng/ul	98
40) 1,1'-Biphenyl	13.09	154	1566005	18.485	ng/ul	99
41) 2-Chloronaphthalene	13.12	162	1219771	18.774	ng/ul	99
42) 2-Nitroaniline	13.32	65	406687	23.290	ng/ul	98
44) Dimethylphthalate	13.72	163	1539747	18.271	ng/ul	100
45) 2,6-Dinitrotoluene	13.83	165	301894	23.811	ng/ul	93
47) Acenaphthylene	13.97	152	1858127	18.539	ng/ul	99
48) 3-Nitroaniline	14.15	138	288510	21.834	ng/ul#	93
49) Acenaphthene	14.32	153	1279171	18.529	ng/ul	98
50) 2,4-Dinitrophenol	14.36	184	161655	27.768	ng/ul	96
52) 4-Nitrophenol	14.47	109	269988	20.383	ng/ul	97
53) Dibenzofuran	14.66	168	1825280	18.297	ng/ul	97
54) 2,4-Dinitrotoluene	14.62	165	436728	23.364	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.89	232	400233	22.049	ng/ul	99
56) Diethylphthalate	15.10	149	1548398	17.862	ng/ul	98
58) Fluorene	15.31	166	1460101	18.510	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.31	204	745005	18.975	ng/ul	98
60) 4-Nitroaniline	15.32	138	319716	20.296	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.39	198	230470	23.763	ng/ul#	97
64) N-Nitrosodiphenylamine	15.52	169	1275462	18.725	ng/ul	92
65) 4-Bromophenyl-phenylether	16.20	248	478251	20.332	ng/ul	96
66) Hexachlorobenzene	16.32	284	506301	20.352	ng/ul	96
67) Atrazine	16.48	200	492499	19.837	ng/ul	98
68) Pentachlorophenol	16.66	266	309775	21.753	ng/ul	96
69) Phenanthrene	17.04	178	2376137	19.288	ng/ul	99
71) Anthracene	17.13	178	2423066	19.248	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.05	216	654948	20.802	ng/uL	97
73) Pentachlorobenzene	14.58	250	617275	20.071	ng/uL	97
74) Carbazole	17.40	167	2160076	19.203	ng/ul	99
75) Di-n-butylphthalate	17.99	149	2655501	18.842	ng/ul	99
76) Fluoranthene	19.06	202	2772730	19.593	ng/ul	96
79) Pyrene	19.43	202	2803349	18.835	ng/ul	97
80) Butylbenzylphthalate	20.35	149	1241481	22.570	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.12	252	890071	18.349	ng/ul	97
82) Benzo(a)anthracene	21.18	228	2749497	18.806	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.15	149	1793732	19.892	ng/ul#	99
84) Chrysene	21.23	228	2502272	18.275	ng/ul	99
86) Di-n-octyl phthalate	22.02	149	3021238	20.728	ng/ul	100
87) Benzo(b)fluoranthene	22.73	252	2735155	19.539	ng/ul	99
88) Benzo(k)fluoranthene	22.77	252	2455536	18.633	ng/ul	99
90) Benzo(a)pyrene	23.28	252	2493156	18.728	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.54	276	2819762	18.500	ng/ul	97
92) Dibenzo(a,h)anthracene	25.55	278	2347496	18.338	ng/ul	97
93) Benzo(g,h,i)perylene	26.18	276	2392791	18.707	ng/ul	99

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

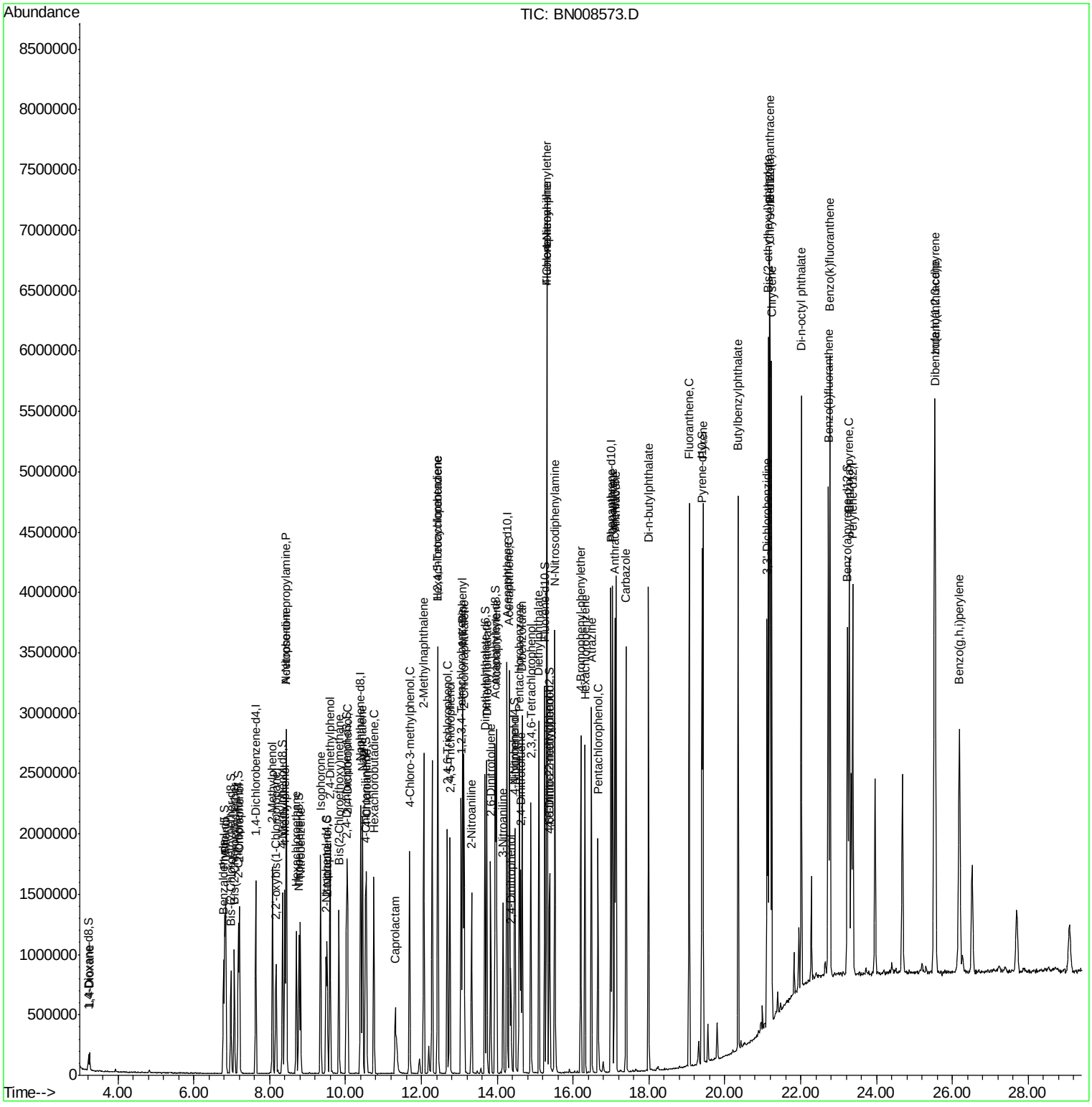
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111319\

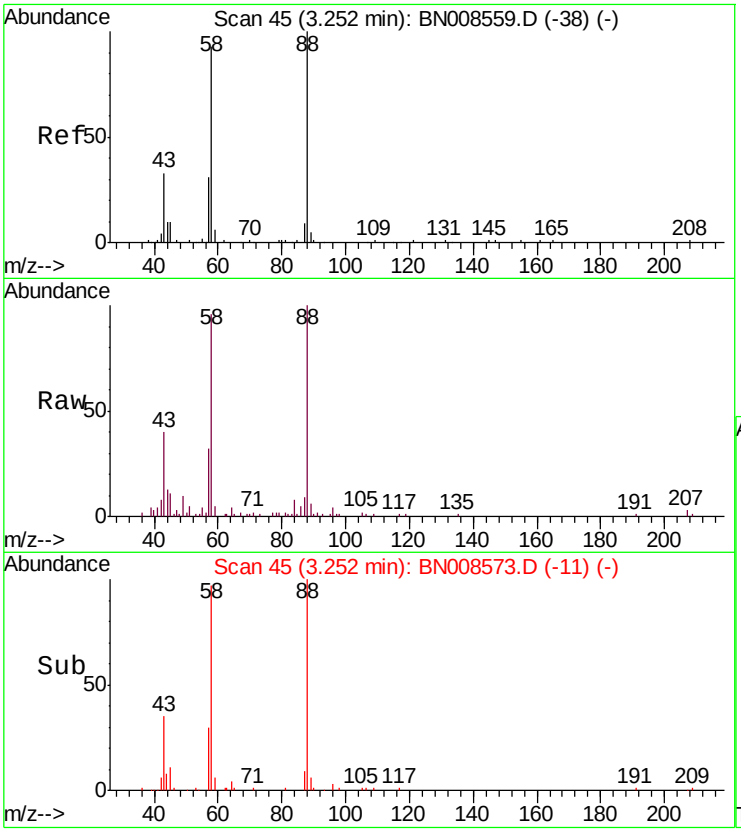
Quantitation Report (Not Reviewed)

Data File : BN008573.D
Acq On : 15 Nov 2019 01:07
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02063

Quant Time: Nov 15 04:31:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 04:28:01 2019
Response via : Initial Calibration



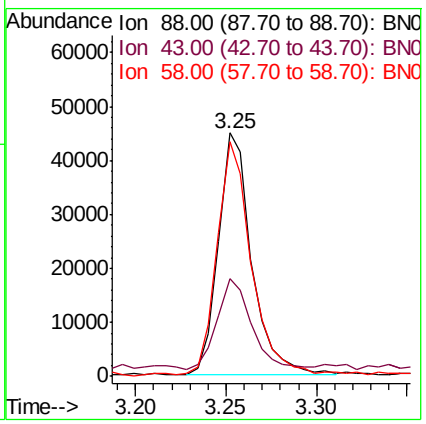


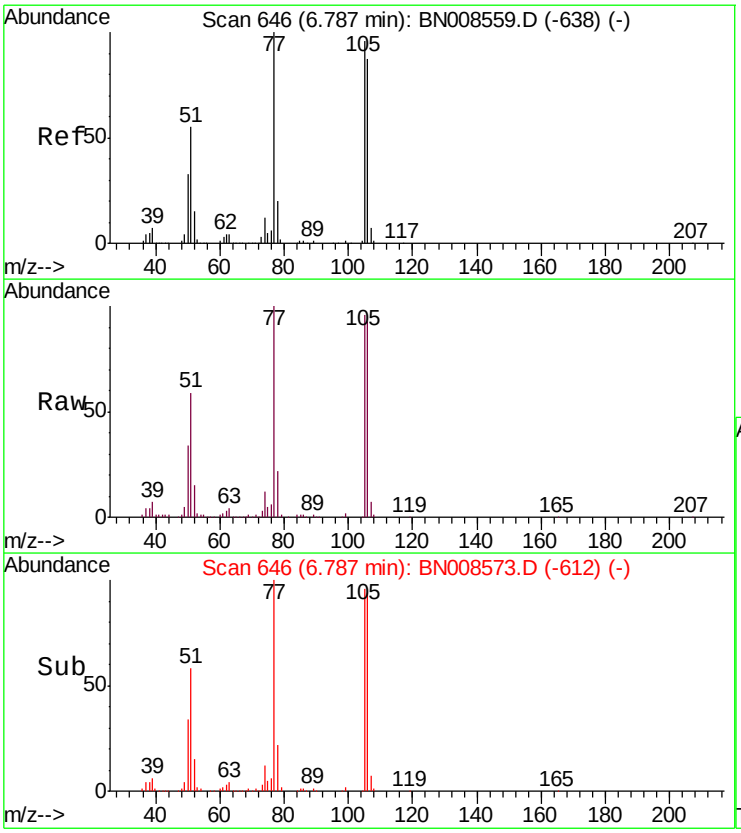
#2
1,4-Dioxane
Concen: 5.927 ng/uL
RT: 3.25 min Scan# 45
Delta R.T. 0.00 min
Lab File: BN008573.D
Acq: 15 Nov 2019 01:07

Instrument :
BNA_N
ClientSampleId :
SSTD02063

Tgt Ion: 88 Resp: 57345

Ion	Ratio	Lower	Upper
88	100		
43	40.3	30.9	46.3
58	96.2	77.6	116.4

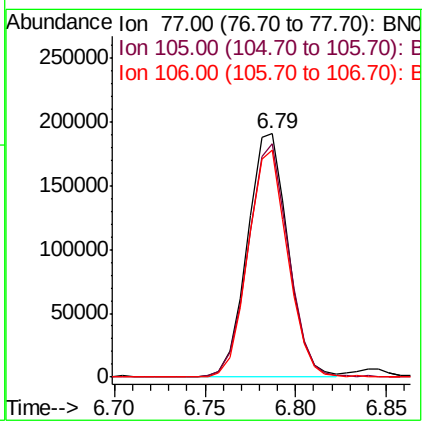


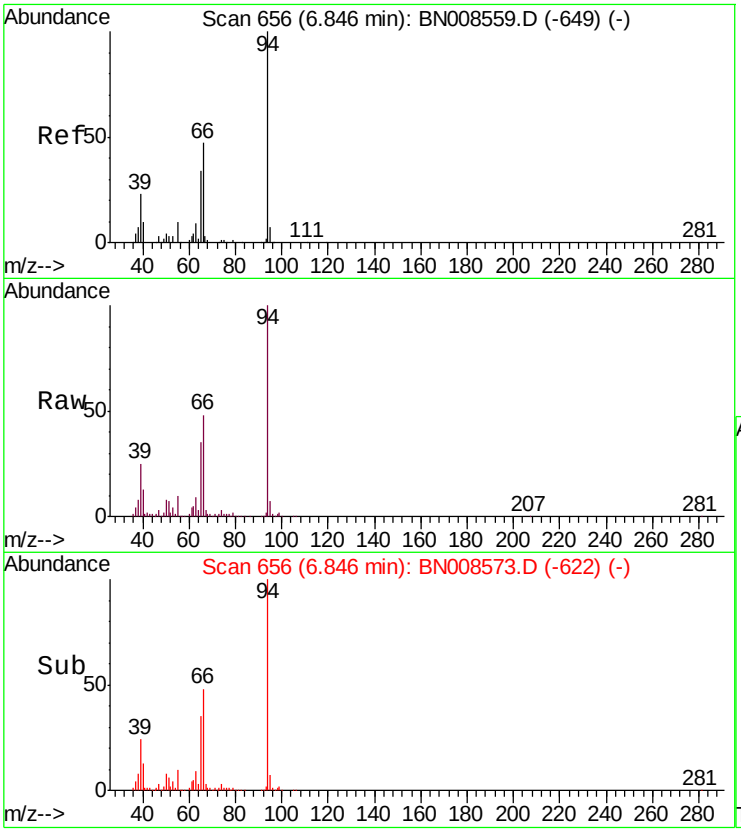


#4
Benzaldehyde
Concen: 15.274 ng/ul
RT: 6.79 min Scan# 646
Delta R.T. 0.00 min
Lab File: BN008573.D
Acq: 15 Nov 2019 01:07

Tgt Ion: 77 Resp: 298134

Ion	Ratio	Lower	Upper
77	100		
105	95.7	76.6	114.8
106	93.4	73.9	110.9



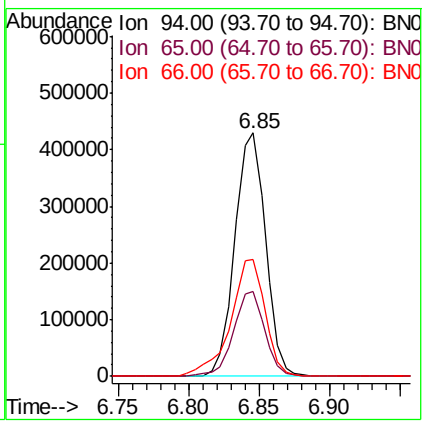


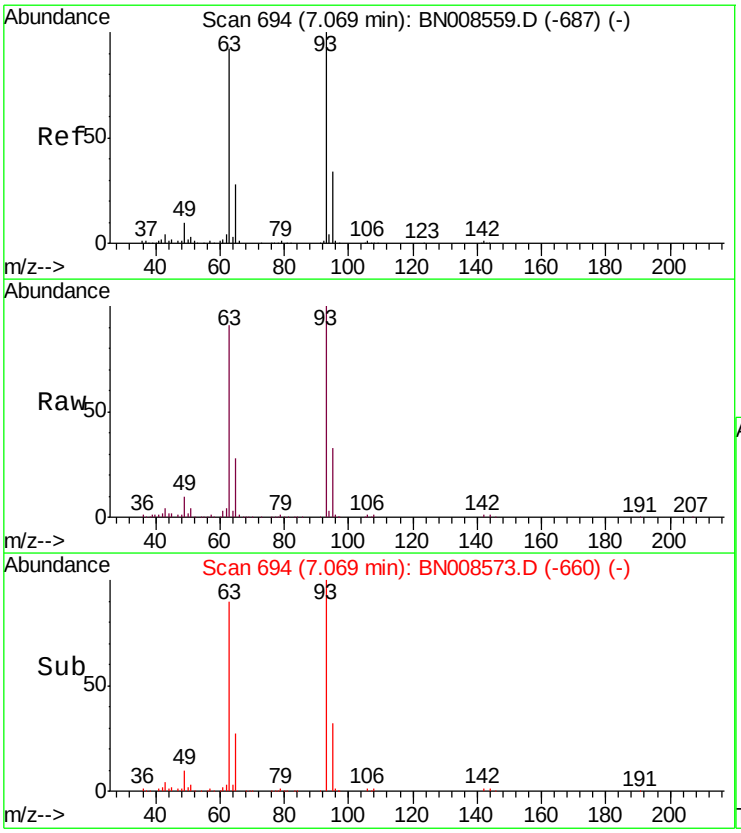
#6
Phenol
Concen: 18.590 ng/ul
RT: 6.85 min Scan# 656
Delta R.T. 0.00 min
Lab File: BN008573.D
Acq: 15 Nov 2019 01:07

Instrument :
BNA_N
ClientSampleId :
SSTD02063

Tgt Ion: 94 Resp: 654132

Ion	Ratio	Lower	Upper
94	100		
65	34.6	27.7	41.5
66	47.9	37.0	55.6

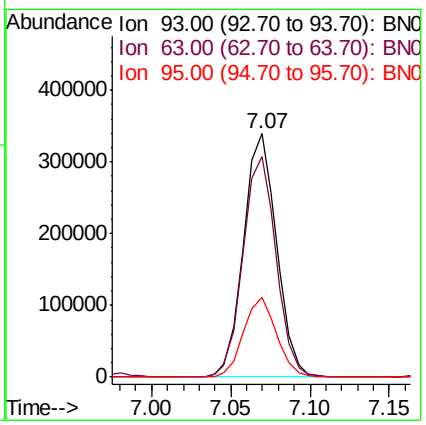


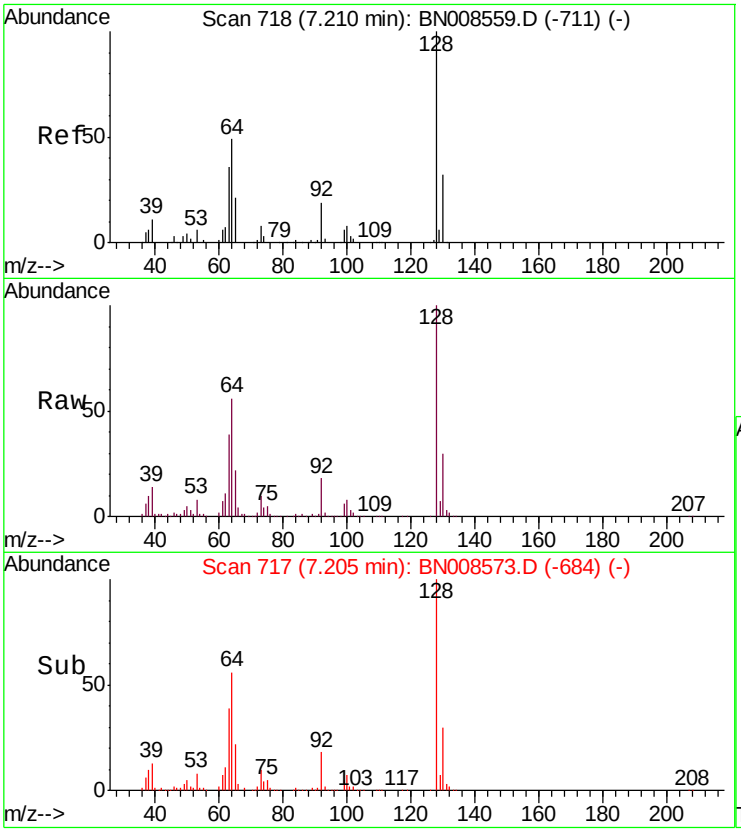


#8
Bis(2-Chloroethyl)ether
Concen: 18.263 ng/ul
RT: 7.07 min Scan# 694
Delta R.T. 0.00 min
Lab File: BN008573.D
Acq: 15 Nov 2019 01:07

Tgt Ion: 93 Resp: 492942

Ion	Ratio	Lower	Upper
93	100		
63	90.6	76.2	114.4
95	32.5	25.7	38.5



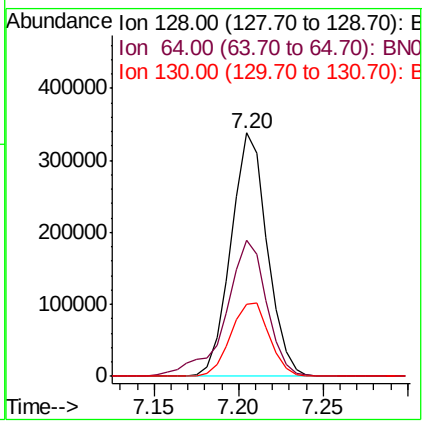


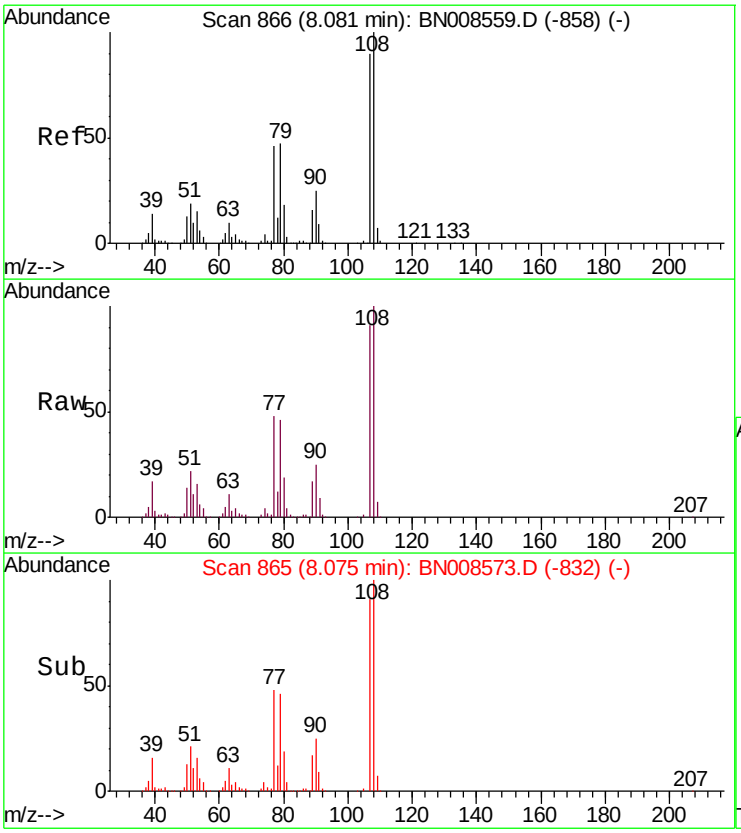
#10
2-Chlorophenol
Concen: 18.823 ng/ul
RT: 7.20 min Scan# 717
Delta R.T. -0.01 min
Lab File: BN008573.D
Acq: 15 Nov 2019 01:07

Instrument :
BNA_N
ClientSampleId :
SSTD02063

Tgt Ion:128 Resp: 504901

Ion	Ratio	Lower	Upper
128	100		
64	55.7	46.2	69.2
130	29.5	24.6	36.8

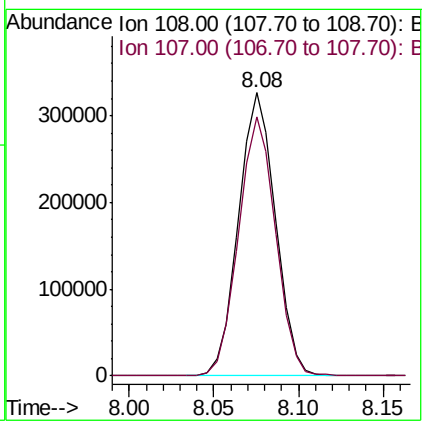


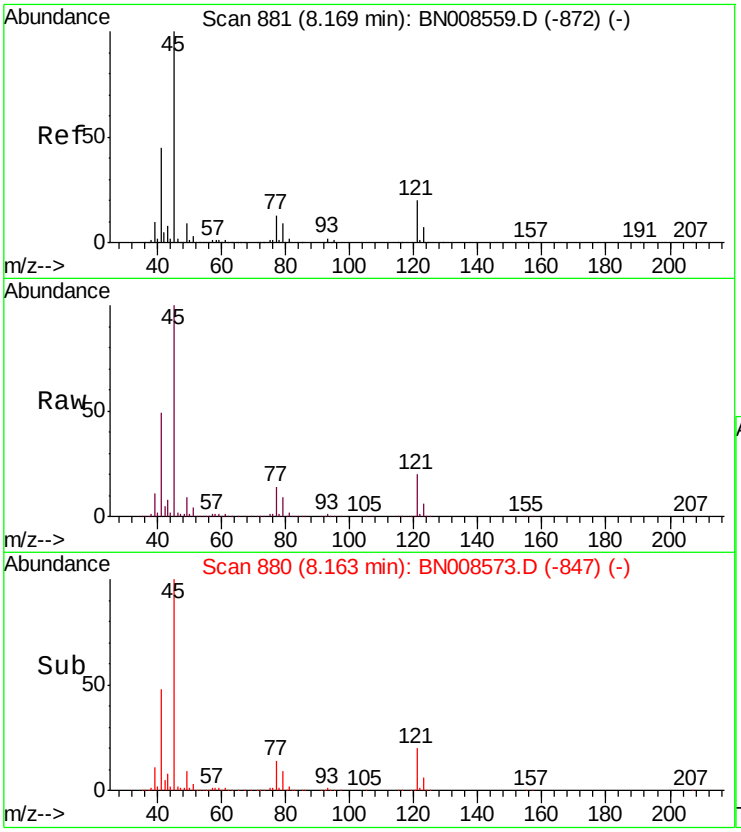


#11
2-Methylphenol
Concen: 18.875 ng/ul
RT: 8.08 min Scan# 865
Delta R.T. -0.01 min
Lab File: BN008573.D
Acq: 15 Nov 2019 01:07

Tgt Ion:108 Resp: 498061

Ion	Ratio	Lower	Upper
108	100		
107	91.4	72.5	108.7



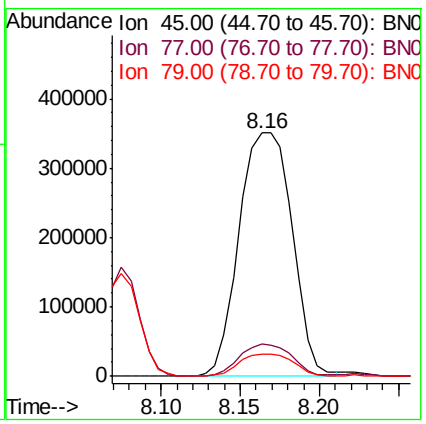


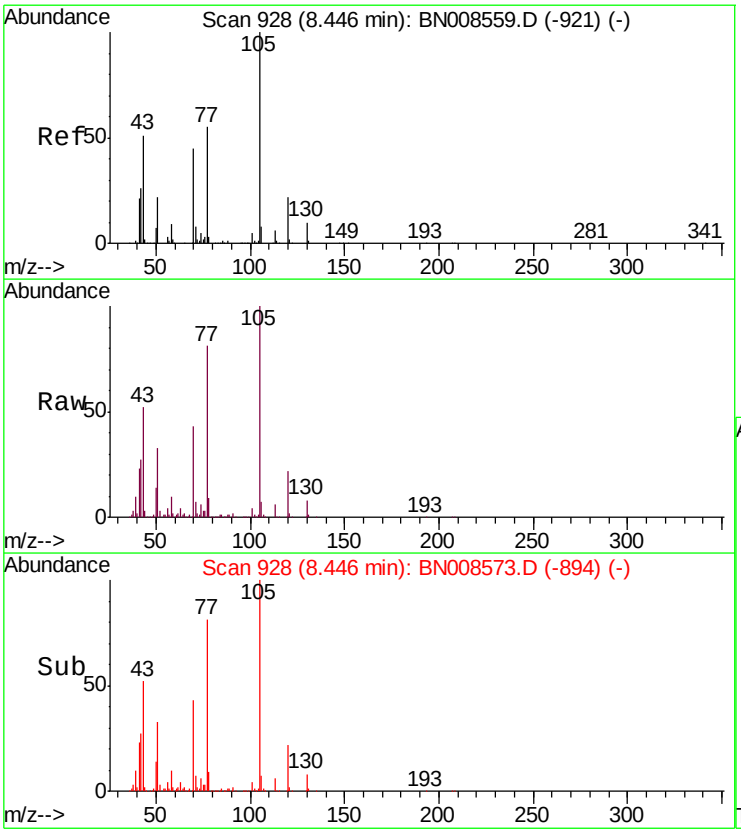
#12
2,2'-oxybis(1-Chloropropane)
Concen: 18.349 ng/ul
RT: 8.16 min Scan# 880
Delta R.T. -0.01 min
Lab File: BN008573.D
Acq: 15 Nov 2019 01:07

Instrument :
BNA_N
ClientSampleId :
SSTD02063

Tgt Ion: 45 Resp: 816503

Ion	Ratio	Lower	Upper
45	100		
77	13.5	9.7	14.5
79	9.1	7.3	10.9

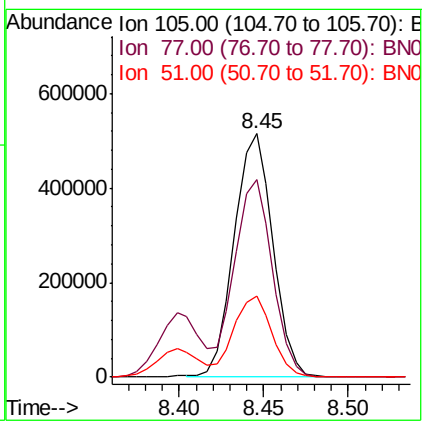


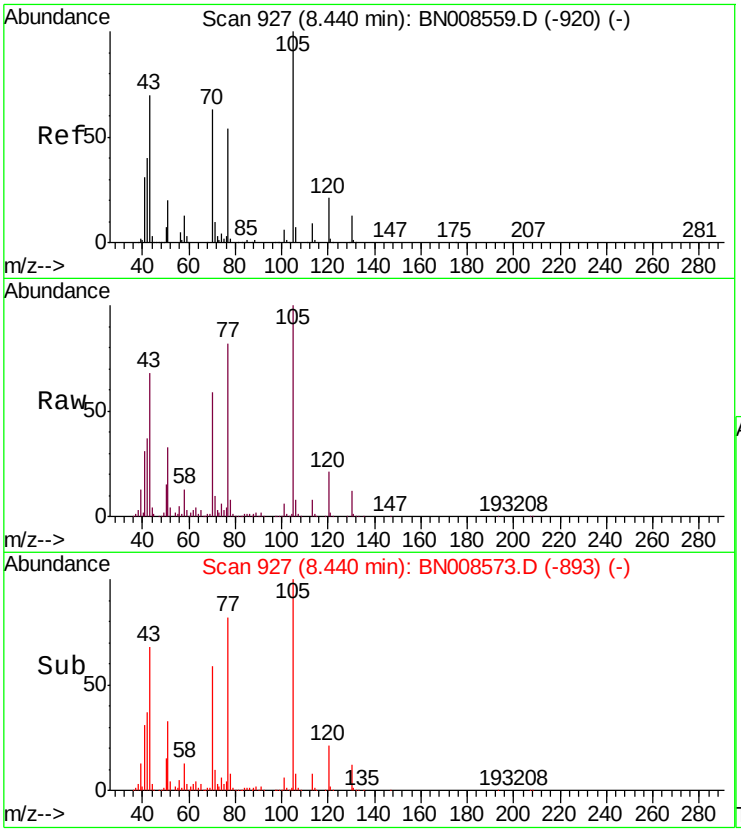


#14
Acetophenone
Concen: 19.106 ng/ul
RT: 8.45 min Scan# 928
Delta R.T. 0.00 min
Lab File: BN008573.D
Acq: 15 Nov 2019 01:07

Tgt Ion:105 Resp: 816169

Ion	Ratio	Lower	Upper
105	100		
77	81.3	66.8	100.2
51	33.3	27.0	40.6



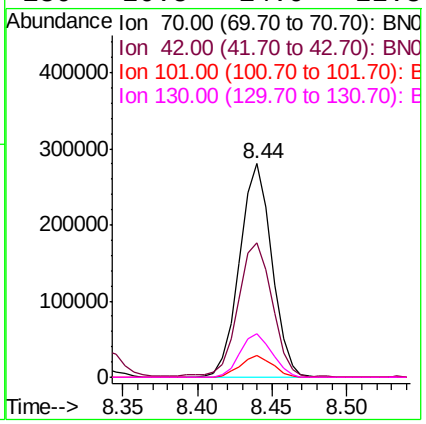


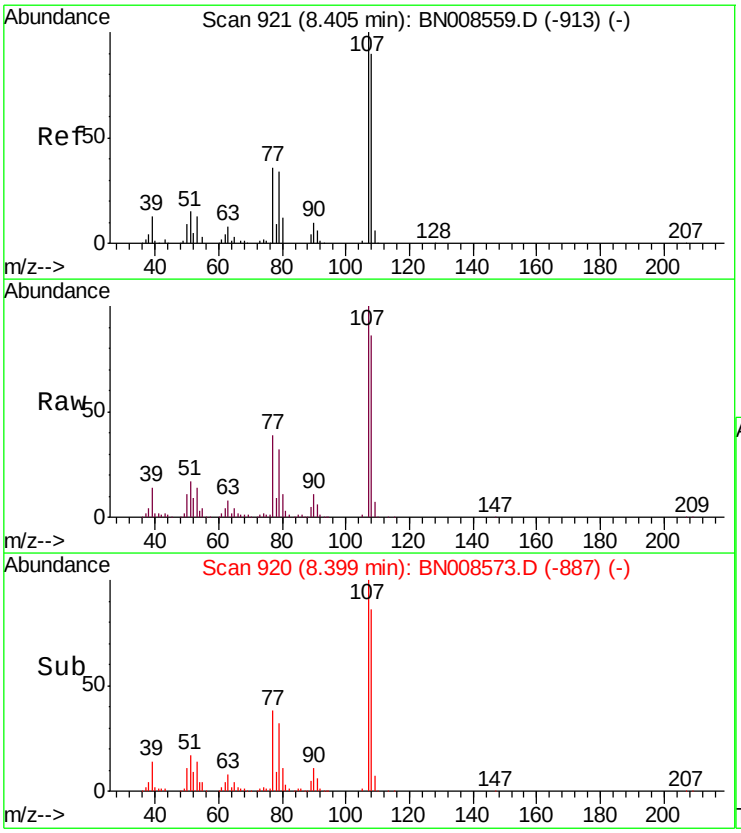
#15
N-Nitroso-di-n-propylamine
Concen: 18.848 ng/ul
RT: 8.44 min Scan# 927
Delta R.T. 0.00 min
Lab File: BN008573.D
Acq: 15 Nov 2019 01:07

Instrument :
BNA_N
ClientSampleId :
SSTD02063

Tgt Ion: 70 Resp: 421494

Ion	Ratio	Lower	Upper
70	100		
42	62.9	52.0	78.0
101	10.4	7.5	11.3
130	20.5	14.9	22.3

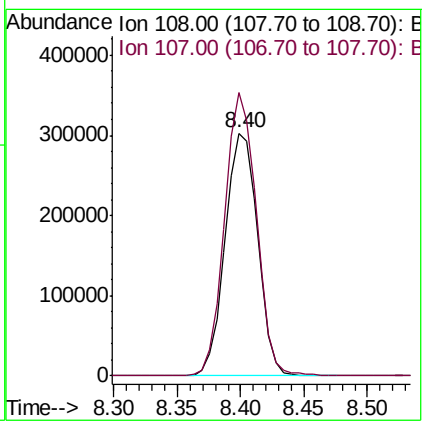


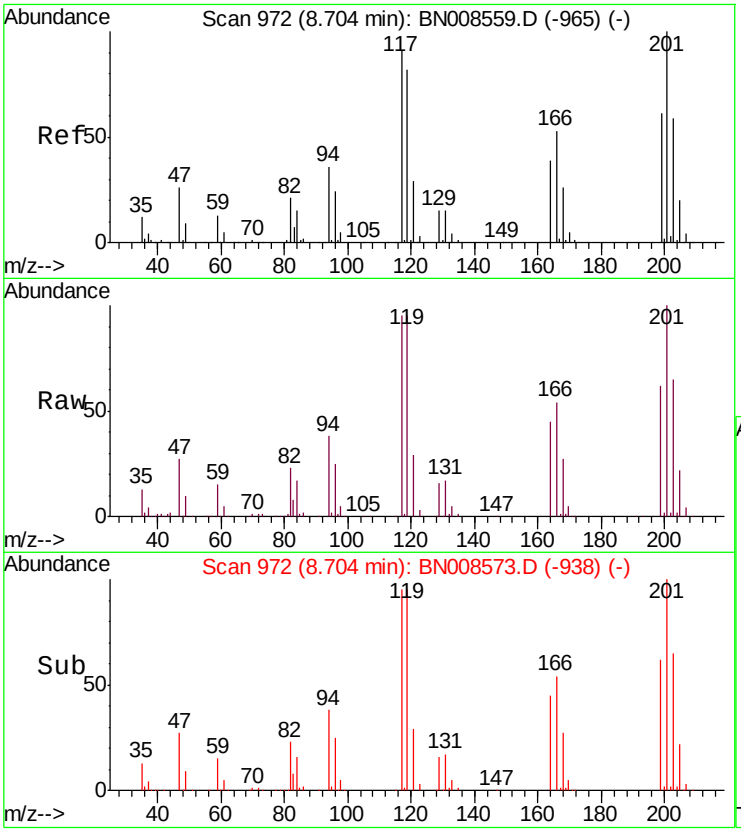


#16
4-Methylphenol
Concen: 18.880 ng/ul
RT: 8.40 min Scan# 920
Delta R.T. -0.01 min
Lab File: BN008573.D
Acq: 15 Nov 2019 01:07

Tgt Ion:108 Resp: 538209

Ion	Ratio	Lower	Upper
108	100		
107	116.6	85.3	127.9



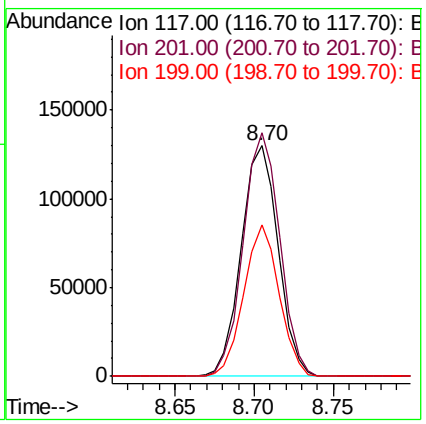


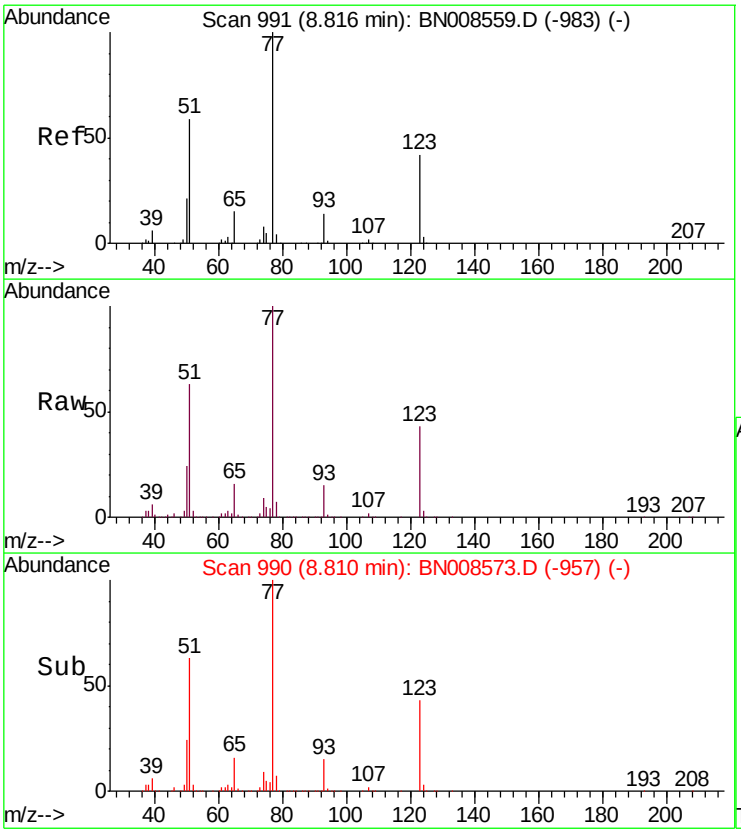
#17
Hexachloroethane
Concen: 18.370 ng/ul
RT: 8.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BN008573.D
Acq: 15 Nov 2019 01:07

Instrument :
BNA_N
ClientSampleId :
SSTD02063

Tgt Ion:117 Resp: 210921

Ion	Ratio	Lower	Upper
117	100		
201	105.7	78.6	118.0
199	65.6	49.0	73.4

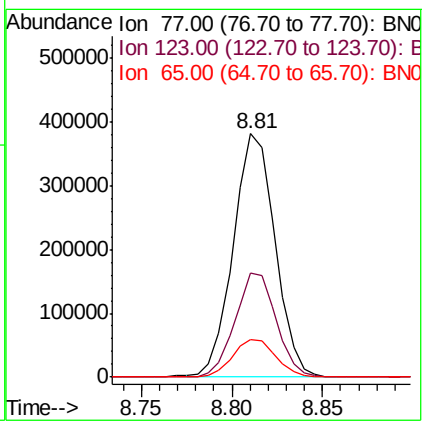


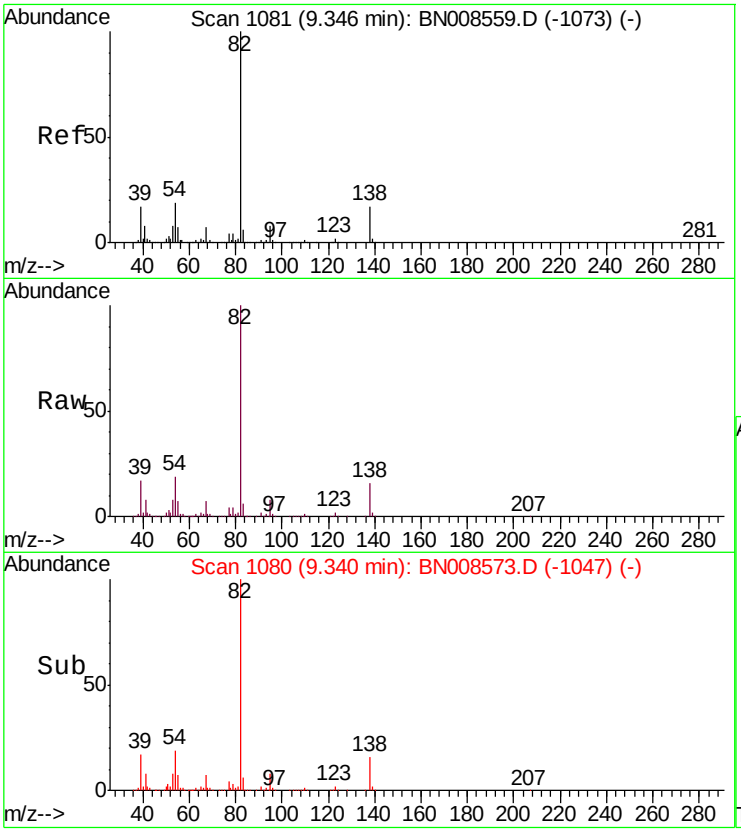


#20
Nitrobenzene
Concen: 19.294 ng/ul
RT: 8.81 min Scan# 990
Delta R.T. -0.01 min
Lab File: BN008573.D
Acq: 15 Nov 2019 01:07

Tgt Ion: 77 Resp: 609168

Ion	Ratio	Lower	Upper
77	100		
123	42.8	31.3	46.9
65	15.6	12.5	18.7



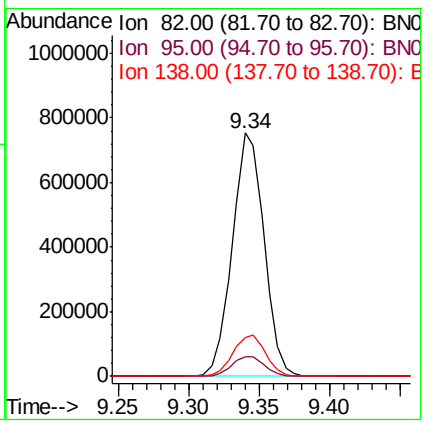


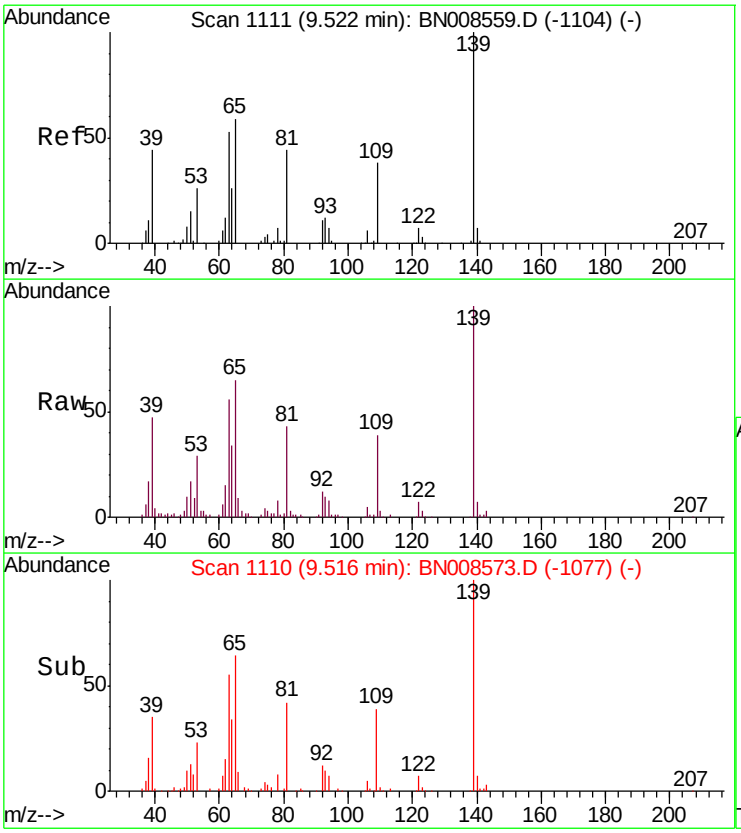
#21
Isophorone
Concen: 17.744 ng/ul
RT: 9.34 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BN008573.D
Acq: 15 Nov 2019 01:07

Instrument :
BNA_N
ClientSampleId :
SSTD02063

Tgt Ion: 82 Resp: 1182685

Ion	Ratio	Lower	Upper
82	100		
95	8.3	6.4	9.6
138	16.1	13.2	19.8

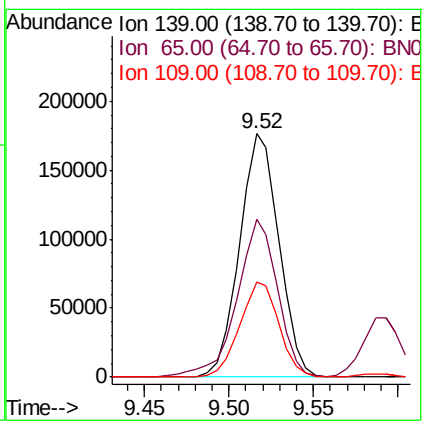


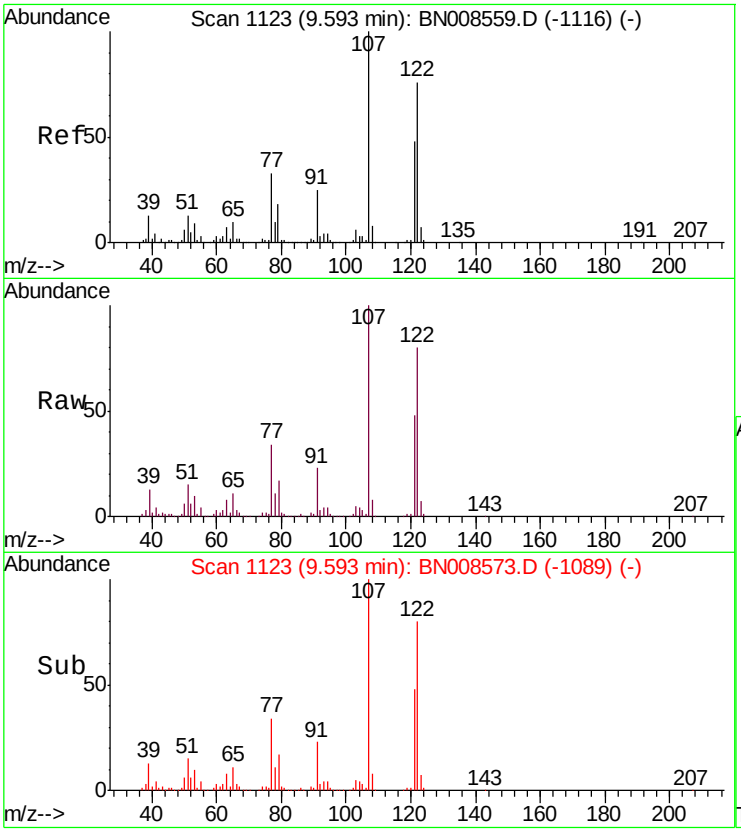


#23
2-Nitrophenol
Concen: 23.505 ng/ul
RT: 9.52 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BN008573.D
Acq: 15 Nov 2019 01:07

Tgt Ion:139 Resp: 285983

Ion	Ratio	Lower	Upper
139	100		
65	64.9	49.8	74.6
109	39.1	26.8	40.2



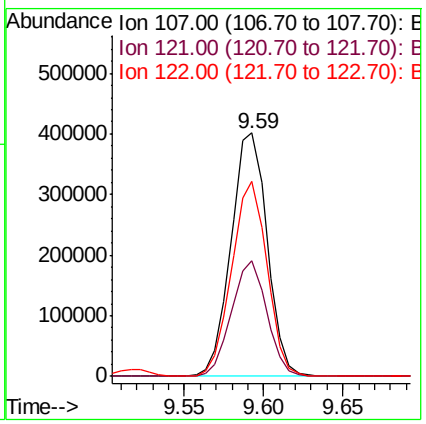


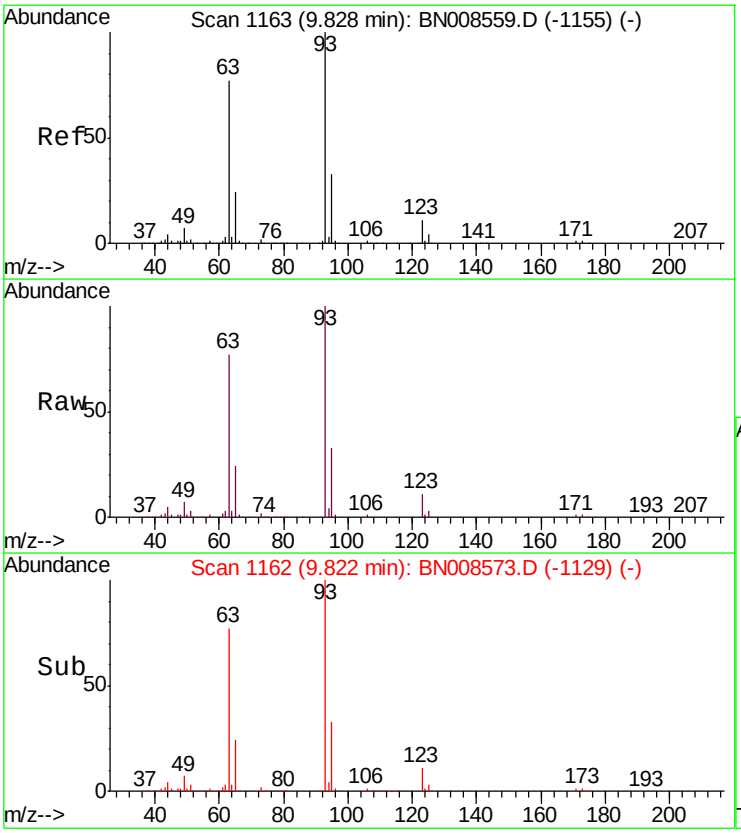
#24
2,4-Dimethylphenol
Concen: 18.299 ng/ul
RT: 9.59 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BN008573.D
Acq: 15 Nov 2019 01:07

Instrument :
BNA_N
ClientSampleId :
SSTD02063

Tgt Ion:107 Resp: 634540

Ion	Ratio	Lower	Upper
107	100		
121	47.6	36.2	54.4
122	80.2	62.0	93.0

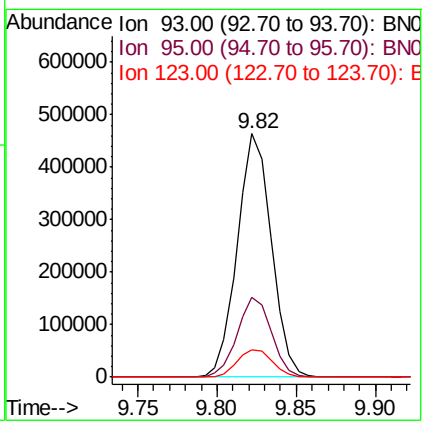


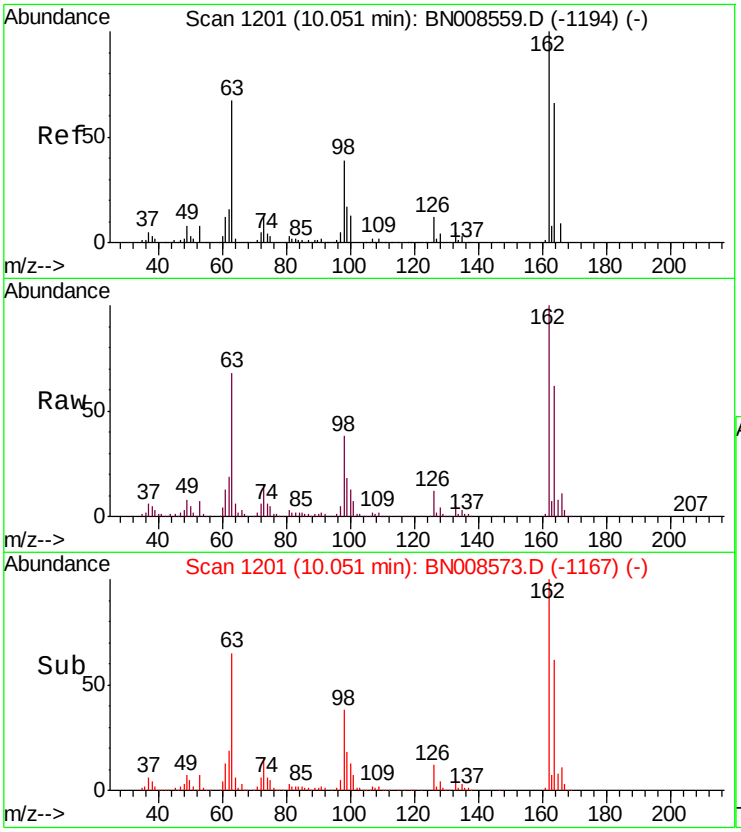


#25
Bis(2-Chloroethoxy)methane
Concen: 17.841 ng/ul
RT: 9.82 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BN008573.D
Acq: 15 Nov 2019 01:07

Tgt Ion: 93 Resp: 693484

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	11.2	8.8	13.2



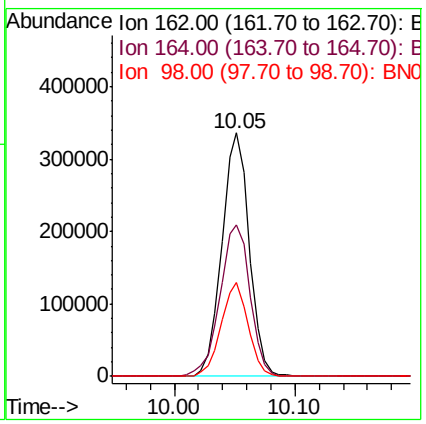


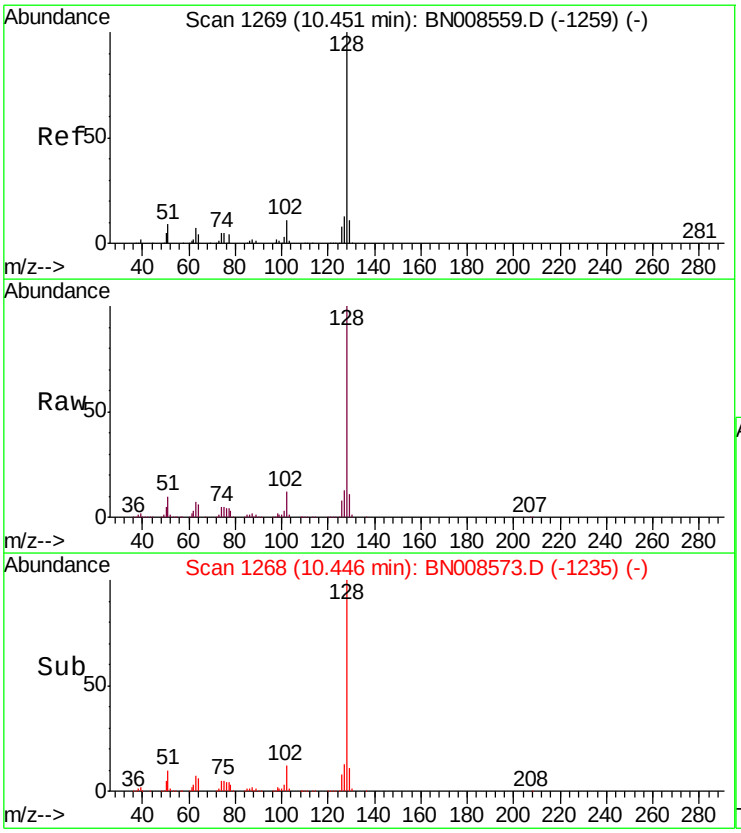
#27
2,4-Dichlorophenol
Concen: 19.703 ng/ul
RT: 10.05 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BN008573.D
Acq: 15 Nov 2019 01:07

Instrument :
BNA_N
ClientSampleId :
SSTD02063

Tgt Ion:162 Resp: 526320

Ion	Ratio	Lower	Upper
162	100		
164	62.0	49.8	74.6
98	38.4	29.8	44.8

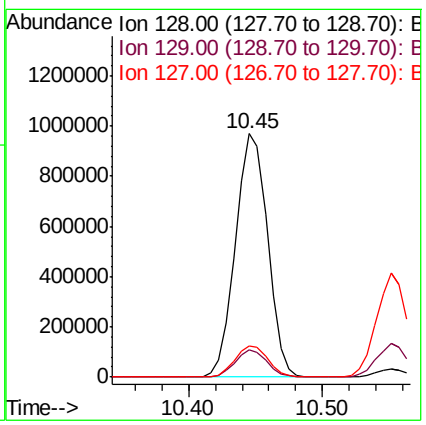


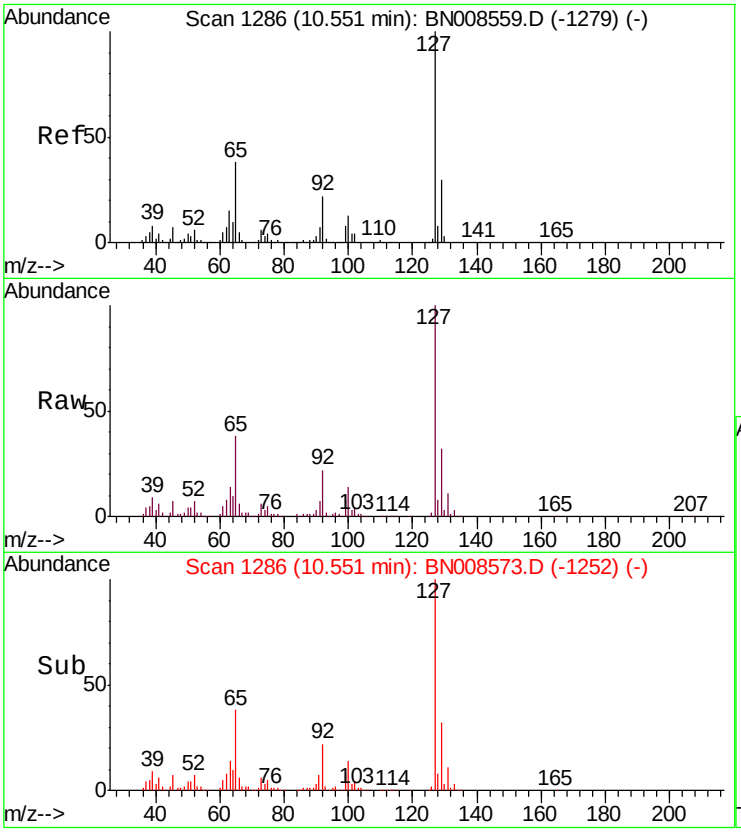


#28
Naphthalene
Concen: 18.232 ng/ul
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BN008573.D
Acq: 15 Nov 2019 01:07

Tgt Ion:128 Resp: 1616109

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.0	10.6	16.0



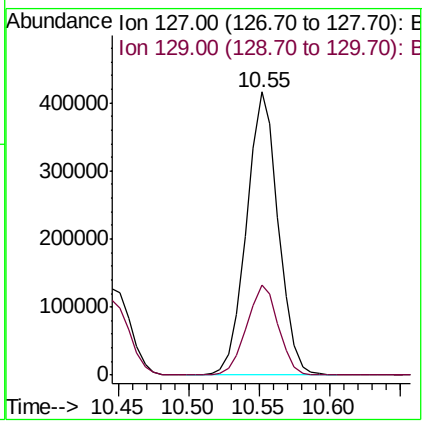


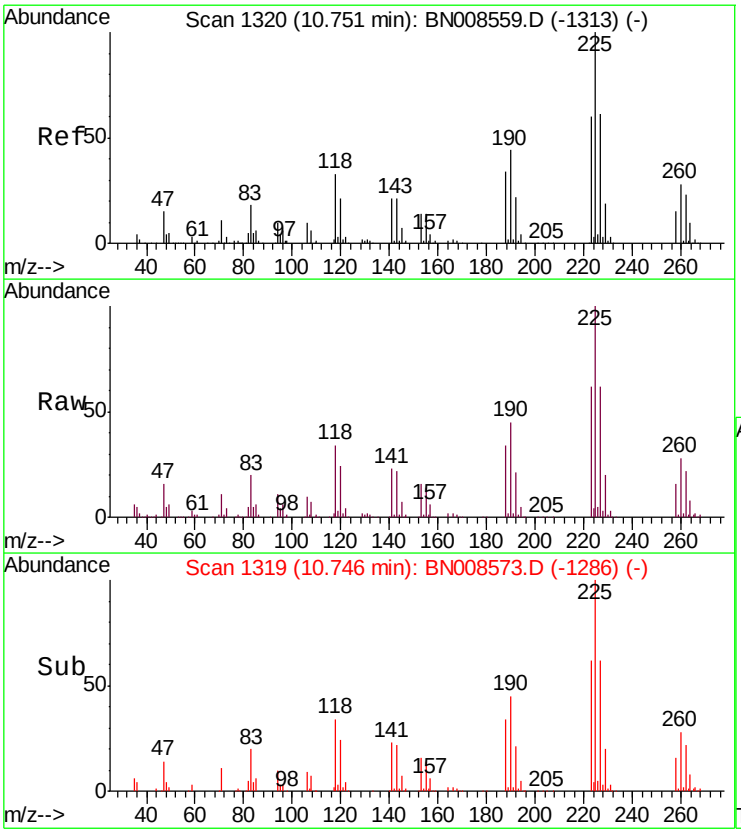
#30
4-Chloroaniline
Concen: 19.945 ng/ul
RT: 10.55 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BN008573.D
Acq: 15 Nov 2019 01:07

Instrument :
BNA_N
ClientSampleId :
SSTD02063

Tgt Ion:127 Resp: 657302

Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.6	39.8

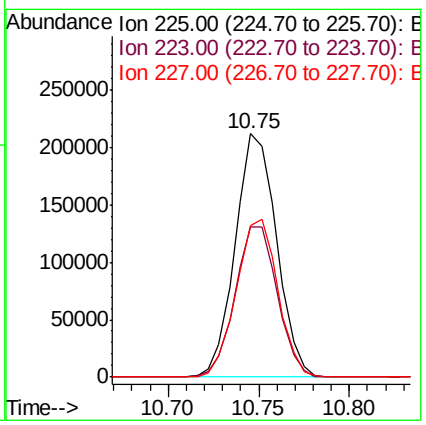


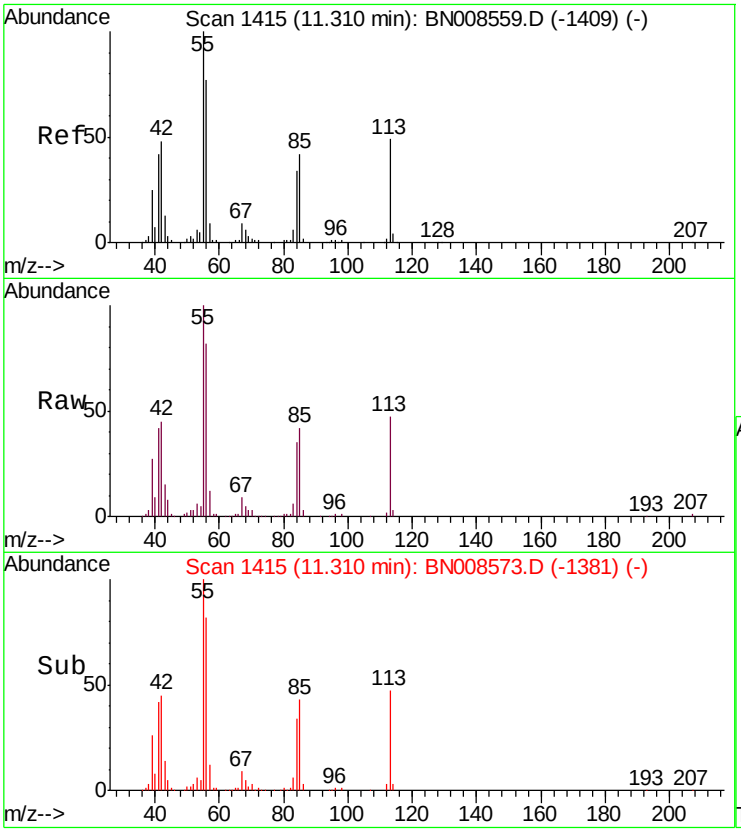


#31
Hexachlorobutadiene
Concen: 18.680 ng/ul
RT: 10.75 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BN008573.D
Acq: 15 Nov 2019 01:07

Tgt Ion:225 Resp: 336990

Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.4	77.2
227	62.0	50.7	76.1



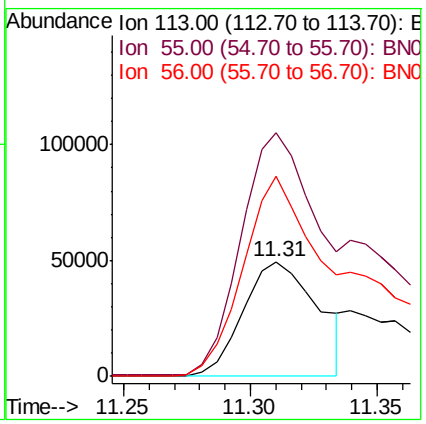


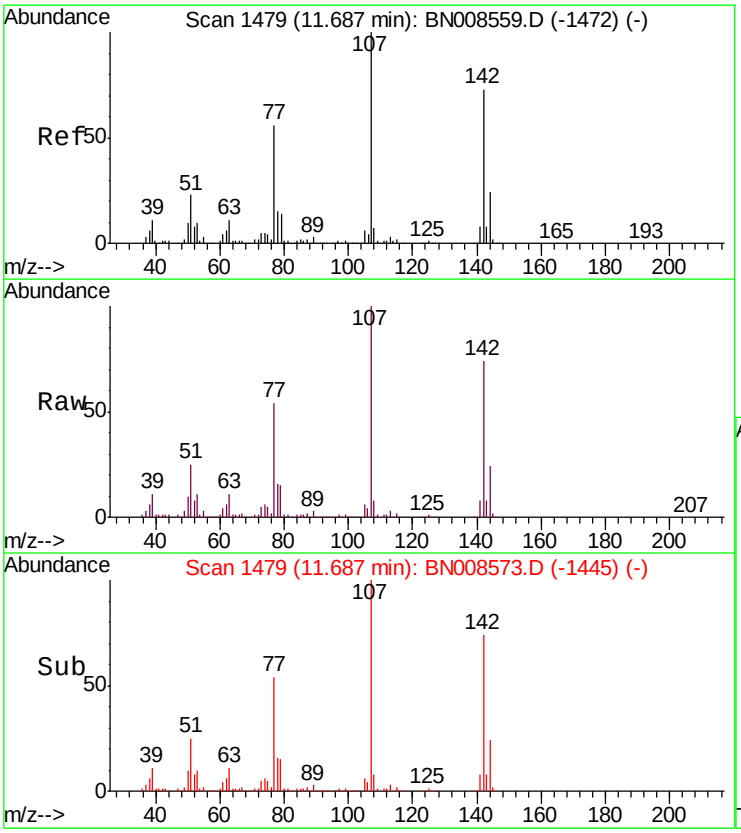
#32
Caprolactam
Concen: 11.444 ng/ul
RT: 11.31 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BN008573.D
Acq: 15 Nov 2019 01:07

Instrument :
BNA_N
ClientSampleId :
SSTD02063

Tgt Ion:113 Resp: 101677

Ion	Ratio	Lower	Upper
113	100		
55	212.4	163.8	245.8
56	174.2	133.5	200.3

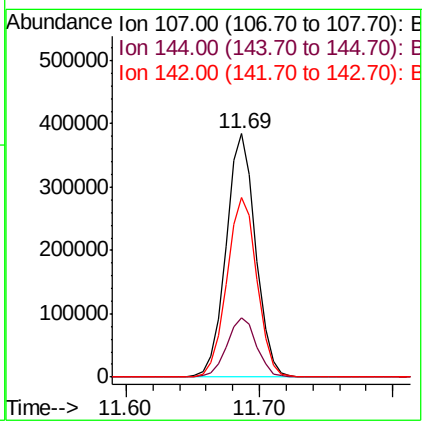


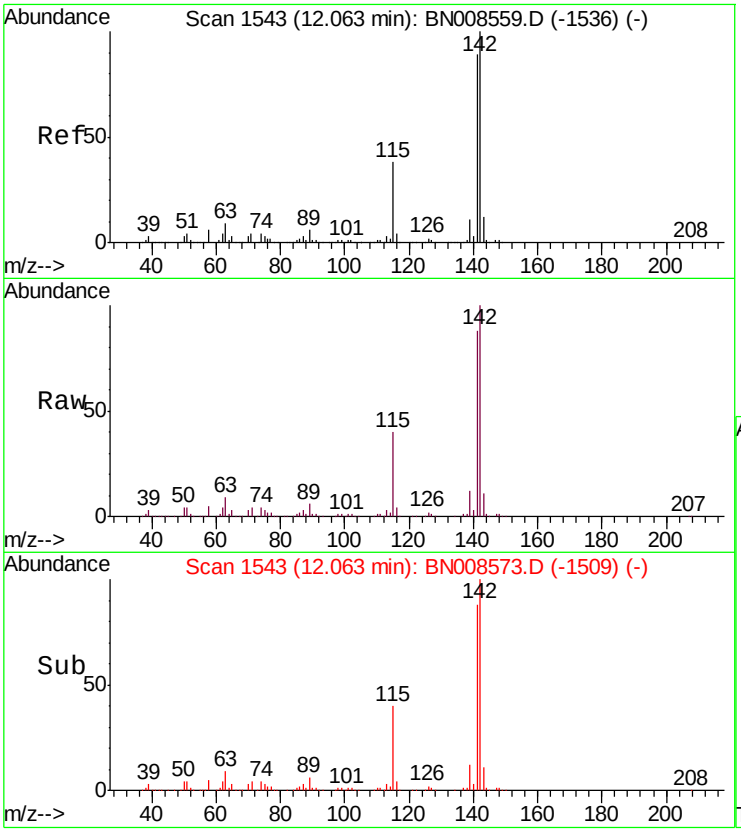


#33
4-Chloro-3-methylphenol
Concen: 18.726 ng/ul
RT: 11.69 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BN008573.D
Acq: 15 Nov 2019 01:07

Tgt Ion:107 Resp: 594625

Ion	Ratio	Lower	Upper
107	100		
144	24.1	19.2	28.8
142	73.9	56.2	84.4



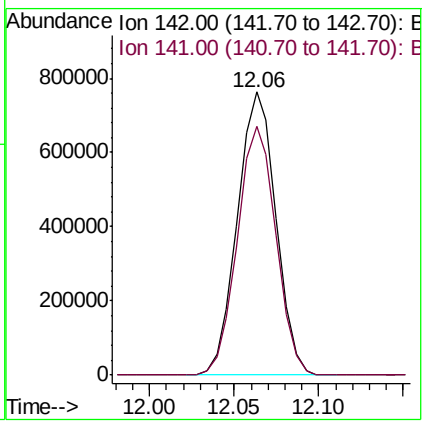


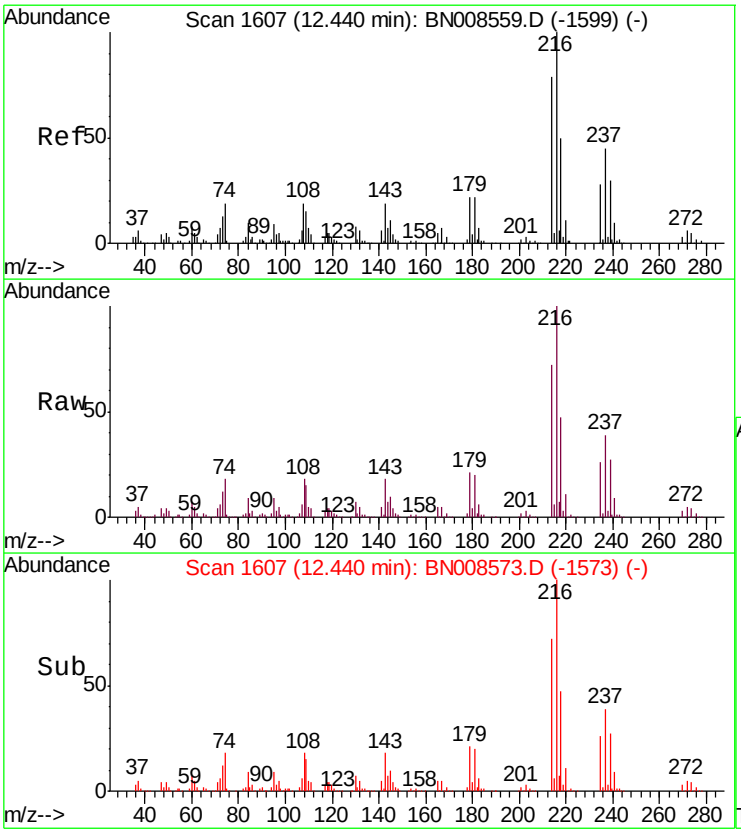
#34
2-Methylnaphthalene
Concen: 18.622 ng/ul
RT: 12.06 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BN008573.D
Acq: 15 Nov 2019 01:07

Instrument :
BNA_N
ClientSampleId :
SSTD02063

Tgt Ion:142 Resp: 1212312

Ion	Ratio	Lower	Upper
142	100		
141	88.0	69.3	103.9

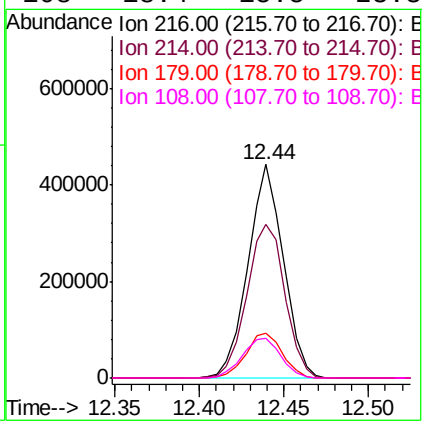


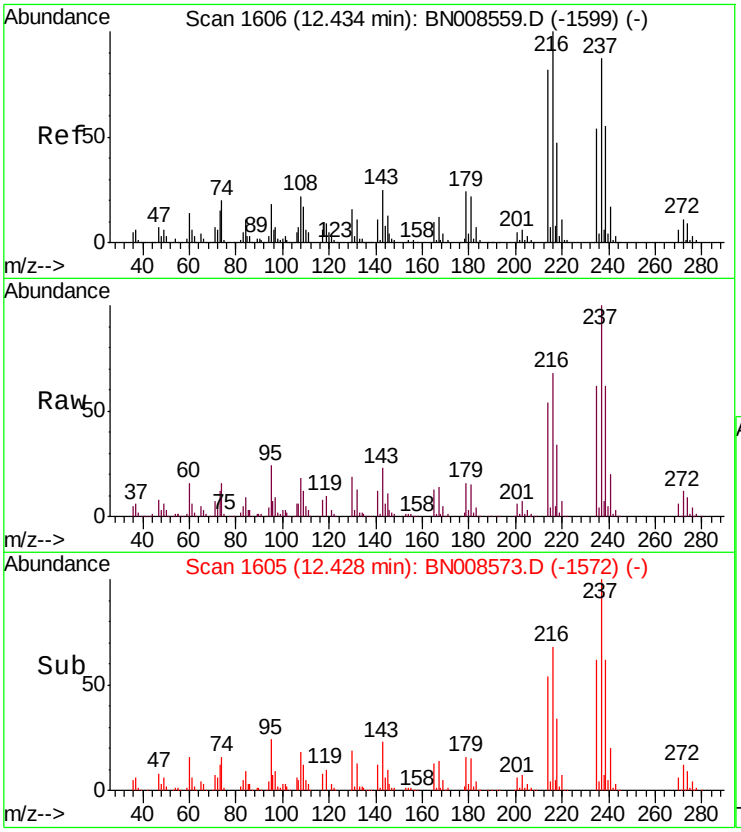


#36
1,2,4,5-Tetrachlorobenzene
Concen: 19.169 ng/ul
RT: 12.44 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BN008573.D
Acq: 15 Nov 2019 01:07

Tgt Ion:216 Resp: 642697

Ion	Ratio	Lower	Upper
216	100		
214	72.0	63.9	95.9
179	21.1	17.3	25.9
108	18.4	15.5	23.3



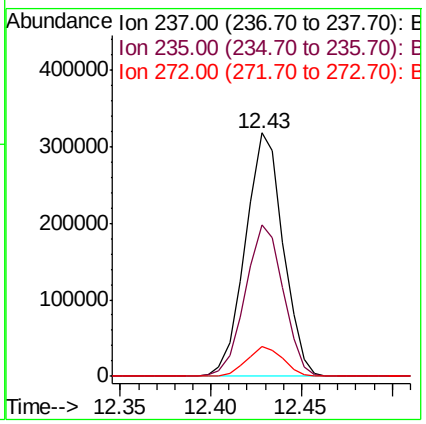


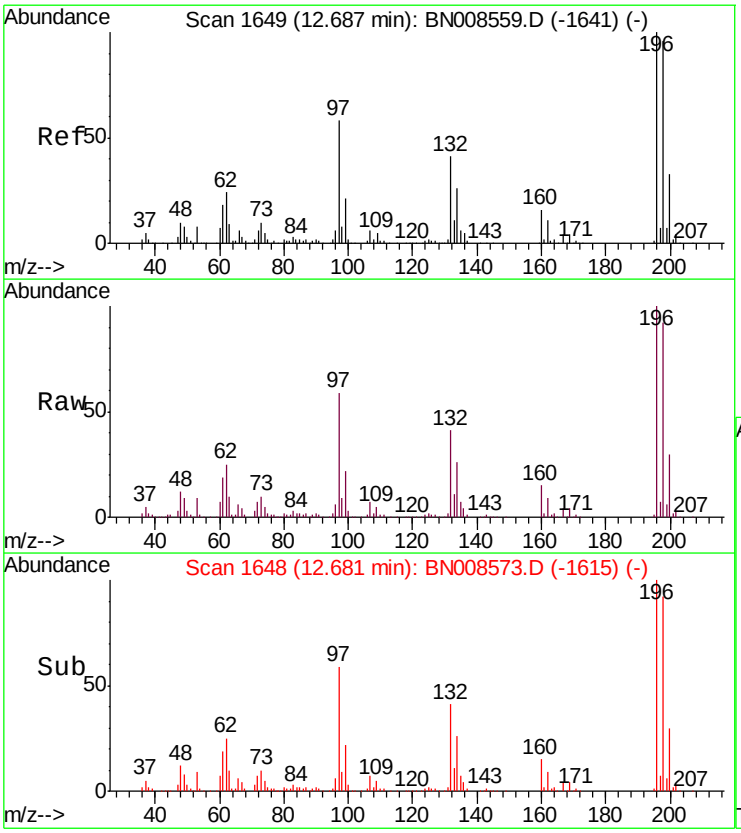
#37
Hexachlorocyclopentadiene
Concen: 23.185 ng/ul
RT: 12.43 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BN008573.D
Acq: 15 Nov 2019 01:07

Instrument :
BNA_N
ClientSampleId :
SSTD02063

Tgt Ion:237 Resp: 461116

Ion	Ratio	Lower	Upper
237	100		
235	62.4	49.3	73.9
272	12.1	9.4	14.2





#38
2,4,6-Trichlorophenol
Concen: 20.818 ng/ul
RT: 12.68 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BN008573.D
Acq: 15 Nov 2019 01:07

Tgt Ion:196 Resp: 428919

Ion	Ratio	Lower	Upper
196	100		
198	92.1	76.5	114.7
200	29.7	24.2	36.2