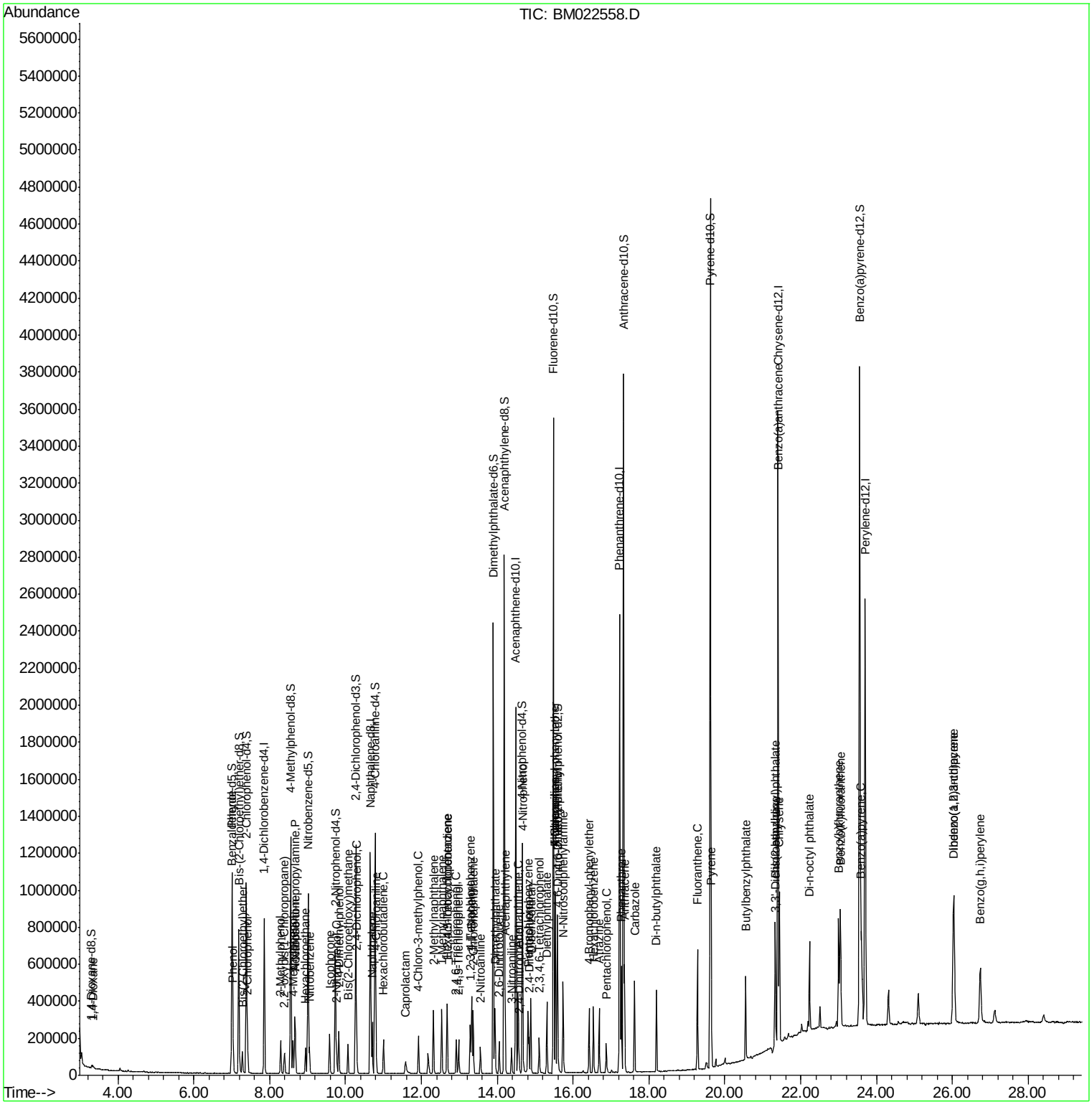
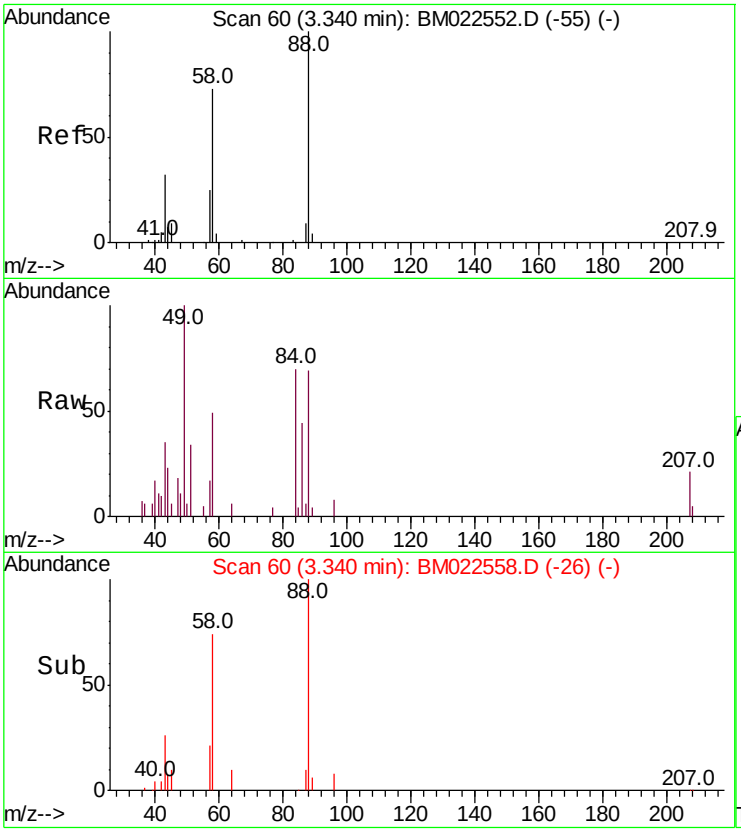
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022558.D
Acq On : 06 Sep 2019 18:45
Operator : HP/JU
Sample : MDL-W-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Quant Time: Sep 06 23:20:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 05 19:43:58 2019
Response via : Initial Calibration



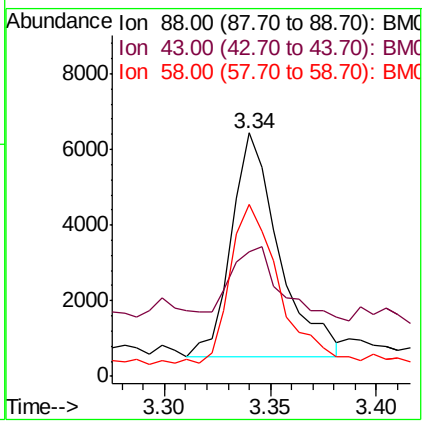


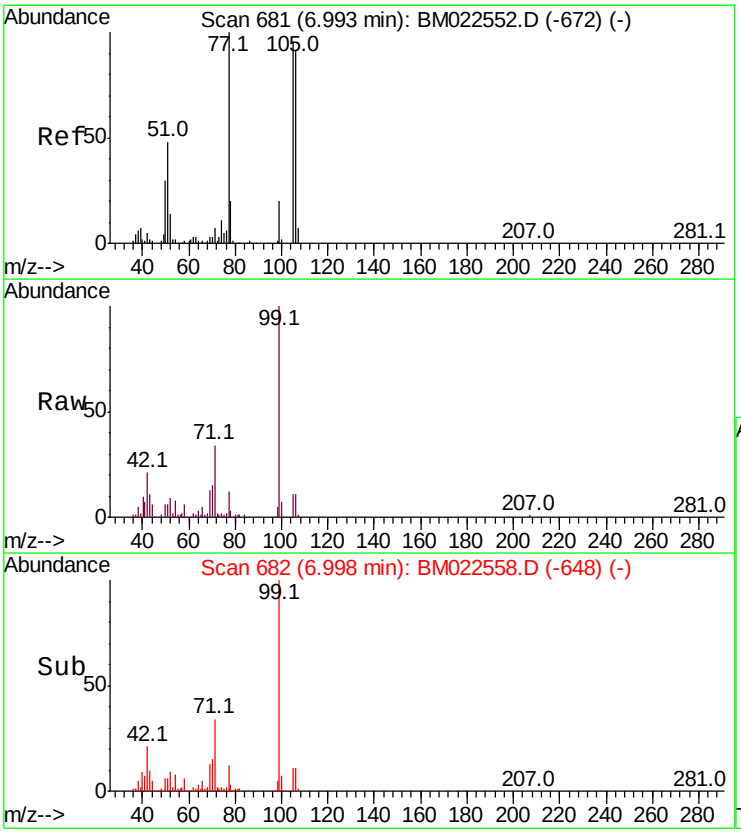
#2
1,4-Dioxane
Concen: 1.754 ng/uL
RT: 3.34 min Scan# 60
Delta R.T. 0.00 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion: 88 Resp: 9203

Ion	Ratio	Lower	Upper
88	100		
43	51.3	37.9	56.9
58	70.4	59.4	89.0

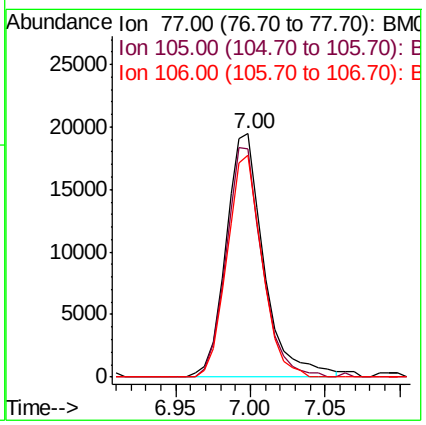


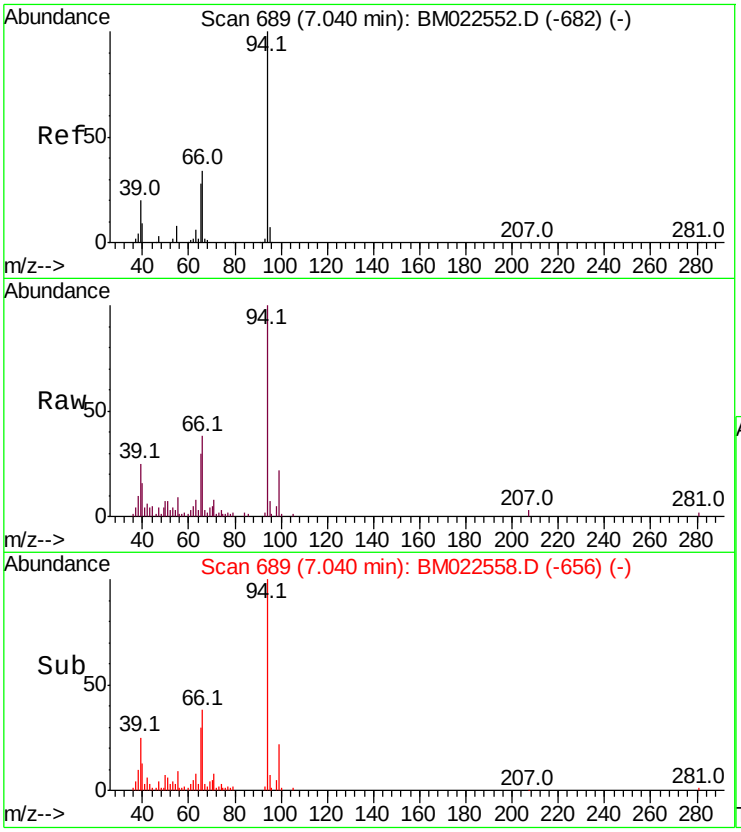


#4
Benzaldehyde
Concen: 3.299 ng/ul
RT: 7.00 min Scan# 682
Delta R.T. 0.00 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion: 77 Resp: 34539

Ion	Ratio	Lower	Upper
77	100		
105	93.6	79.0	118.6
106	90.9	75.1	112.7



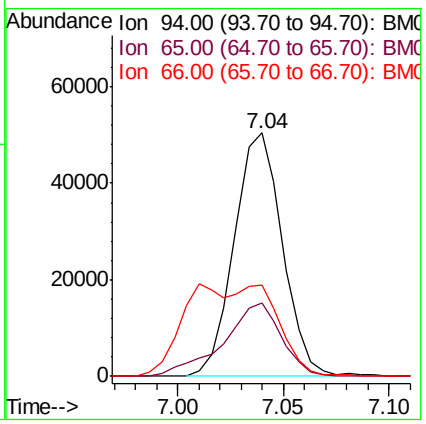


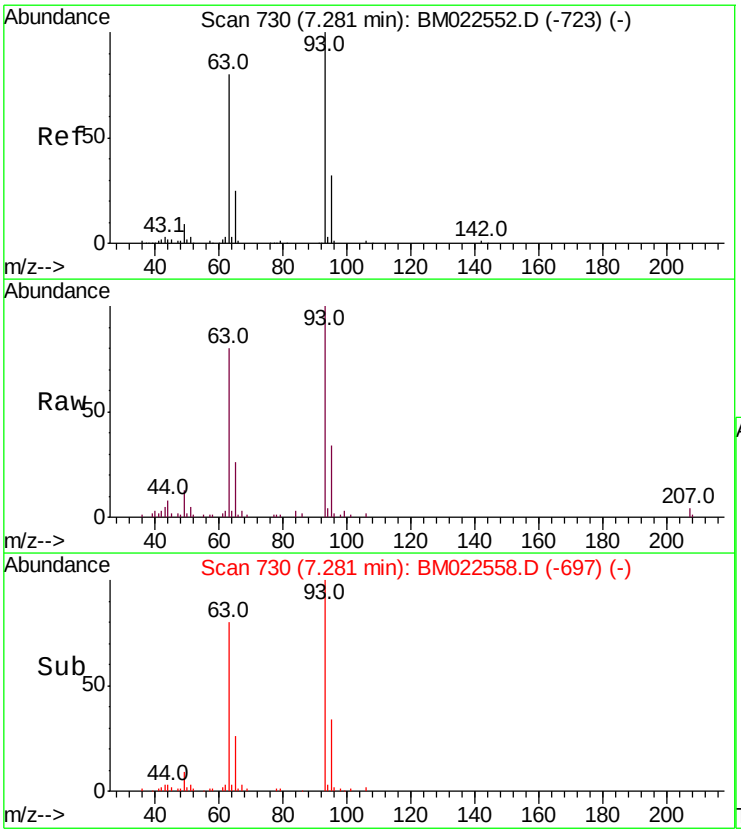
#6
Phenol
Concen: 3.809 ng/ul
RT: 7.04 min Scan# 689
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion: 94 Resp: 79790

Ion	Ratio	Lower	Upper
94	100		
65	30.1	22.8	34.2
66	37.5	29.1	43.7

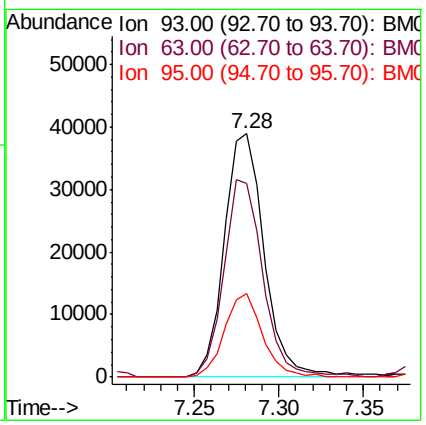


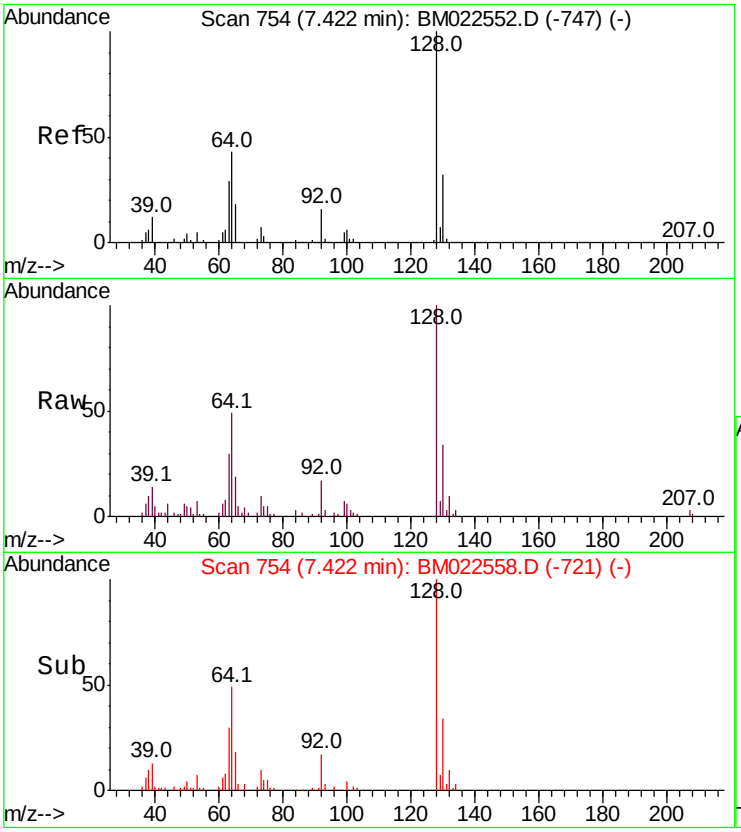


#8
Bis(2-Chloroethyl)ether
Concen: 4.017 ng/ul
RT: 7.28 min Scan# 730
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion: 93 Resp: 63918

Ion	Ratio	Lower	Upper
93	100		
63	79.7	62.2	93.2
95	34.4	26.6	39.8



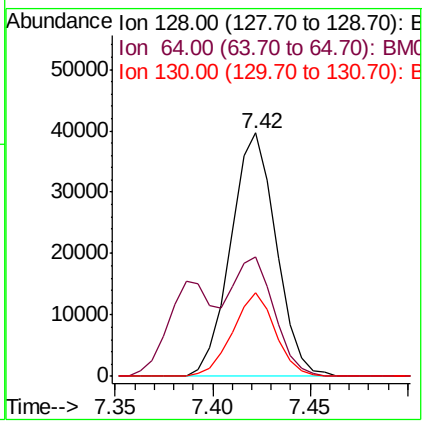


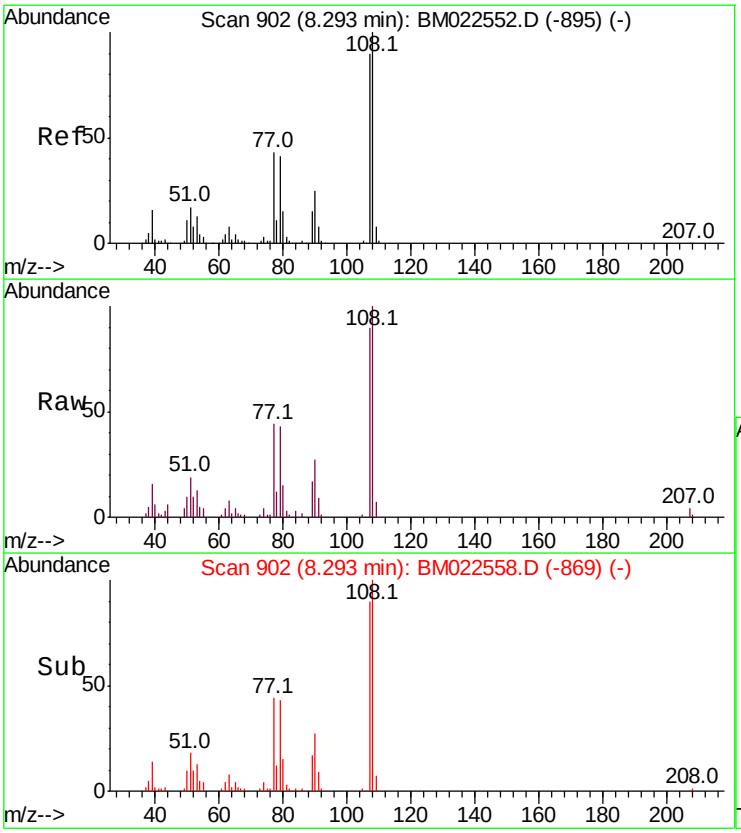
#10
2-Chlorophenol
Concen: 3.842 ng/ul
RT: 7.42 min Scan# 754
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:128 Resp: 63949

Ion	Ratio	Lower	Upper
128	100		
64	48.9	36.0	54.0
130	34.1	26.1	39.1

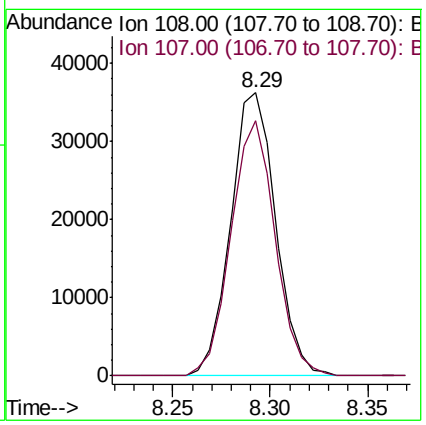


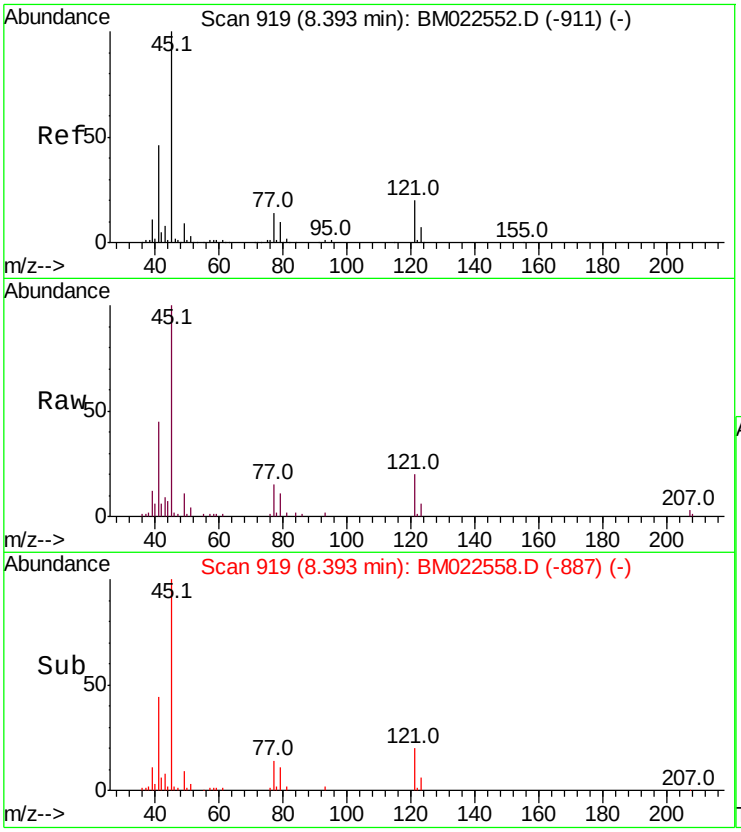


#11
2-Methylphenol
Concen: 3.541 ng/ul
RT: 8.29 min Scan# 902
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:108 Resp: 57894

Ion	Ratio	Lower	Upper
108	100		
107	90.3	70.7	106.1



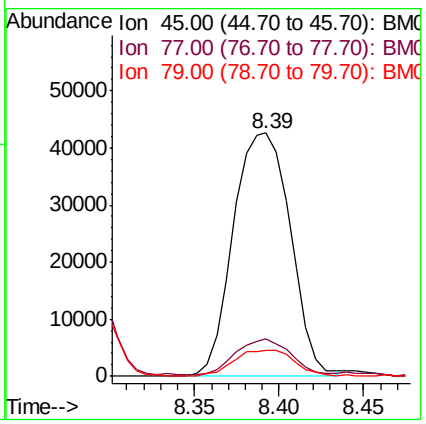


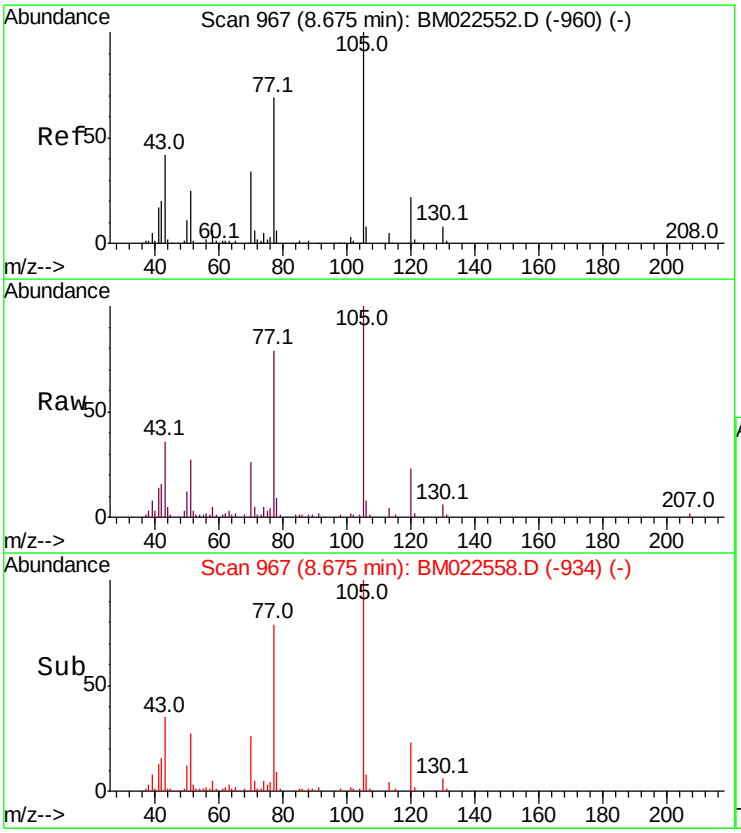
#12
2,2'-oxybis(1-Chloropropane)
Concen: 4.276 ng/ul
RT: 8.39 min Scan# 919
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion: 45 Resp: 100060

Ion	Ratio	Lower	Upper
45	100		
77	15.3	11.6	17.4
79	10.9	9.0	13.6

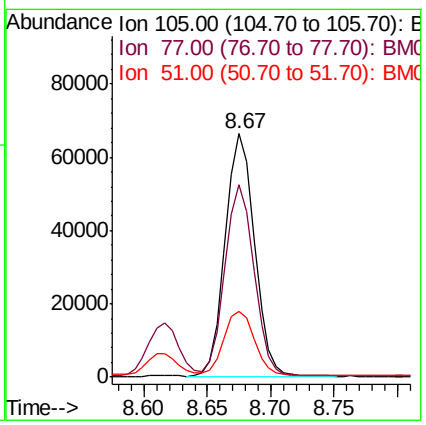


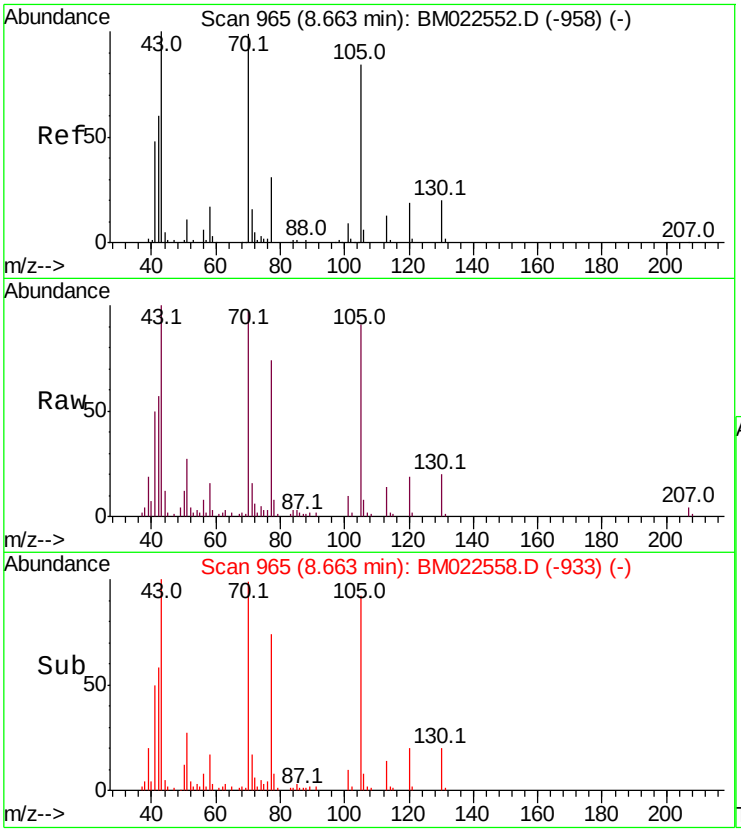


#14
Acetophenone
Concen: 4.217 ng/ul
RT: 8.67 min Scan# 967
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:105 Resp: 107254

Ion	Ratio	Lower	Upper
105	100		
77	79.2	62.1	93.1
51	27.2	21.8	32.6



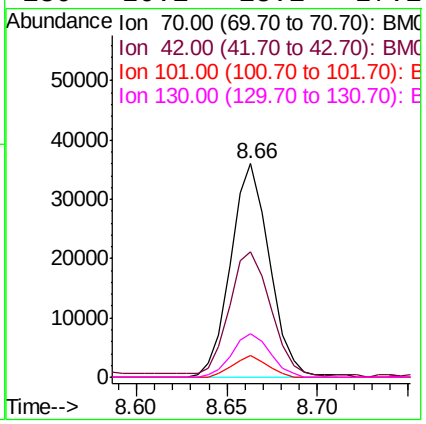


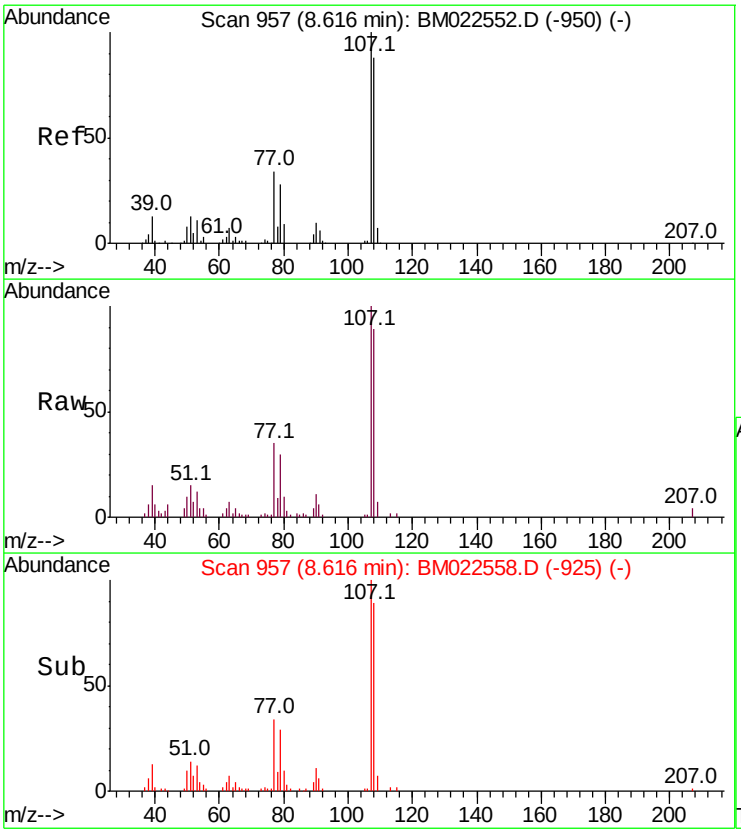
#15
N-Nitroso-di-n-propylamine
Concen: 3.924 ng/ul
RT: 8.66 min Scan# 965
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion: 70 Resp: 53912

Ion	Ratio	Lower	Upper
70	100		
42	59.0	48.3	72.5
101	9.9	8.2	12.2
130	20.1	18.1	27.1

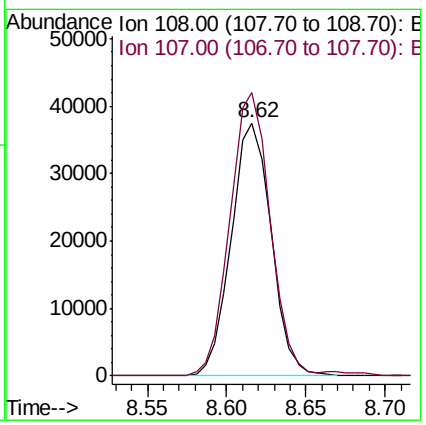


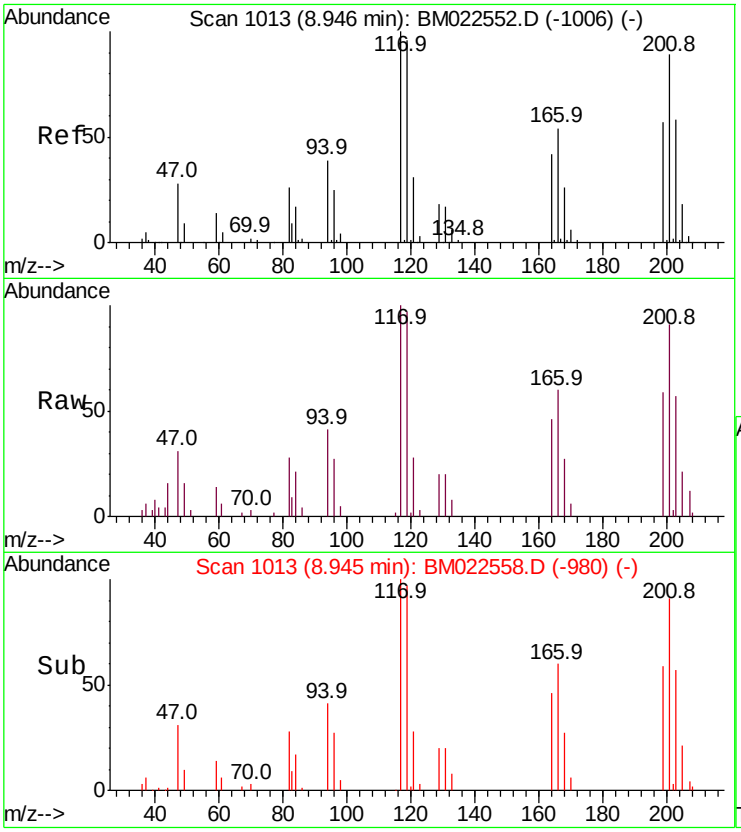


#16
4-Methylphenol
Concen: 3.722 ng/ul
RT: 8.62 min Scan# 957
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:108 Resp: 65709

Ion	Ratio	Lower	Upper
108	100		
107	111.9	87.2	130.8



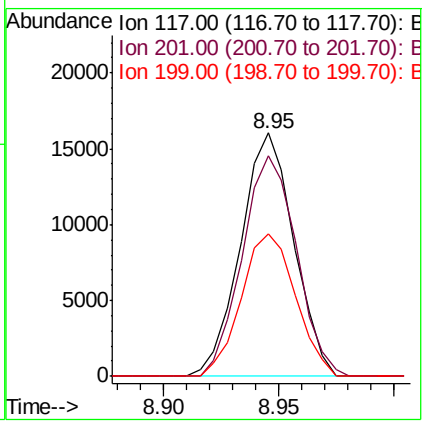


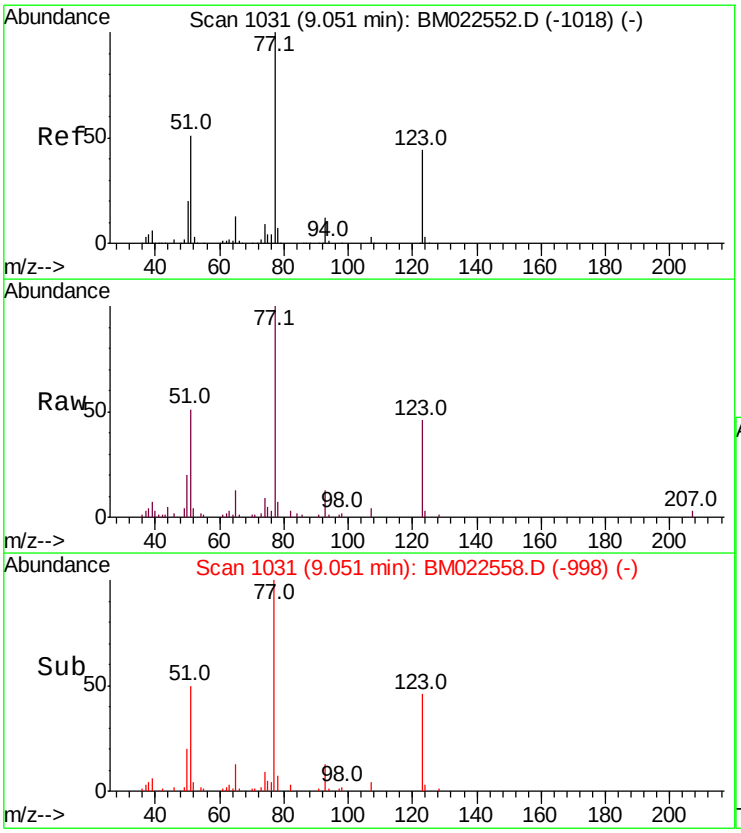
#17
Hexachloroethane
Concen: 3.913 ng/ul
RT: 8.95 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:117 Resp: 25802

Ion	Ratio	Lower	Upper
117	100		
201	90.5	77.6	116.4
199	58.7	47.6	71.4

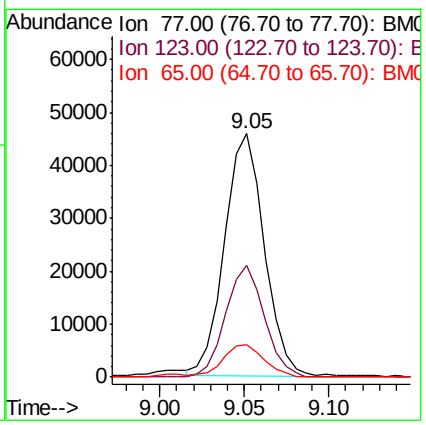


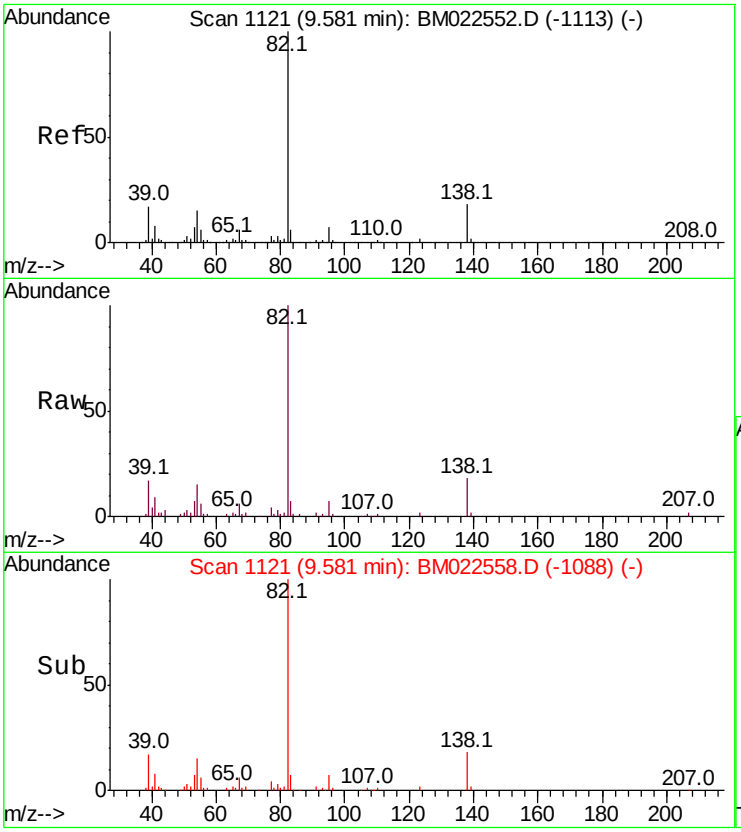


#20
Nitrobenzene
Concen: 4.199 ng/ul
RT: 9.05 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion: 77 Resp: 74736

Ion	Ratio	Lower	Upper
77	100		
123	45.9	35.8	53.6
65	13.2	10.5	15.7



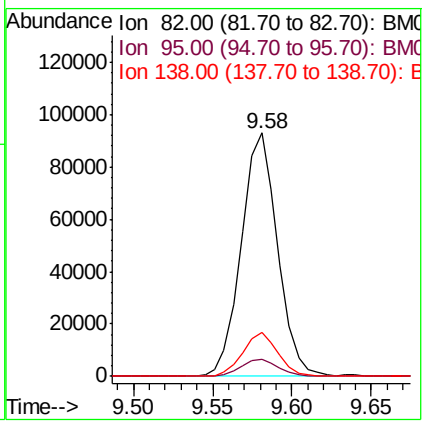


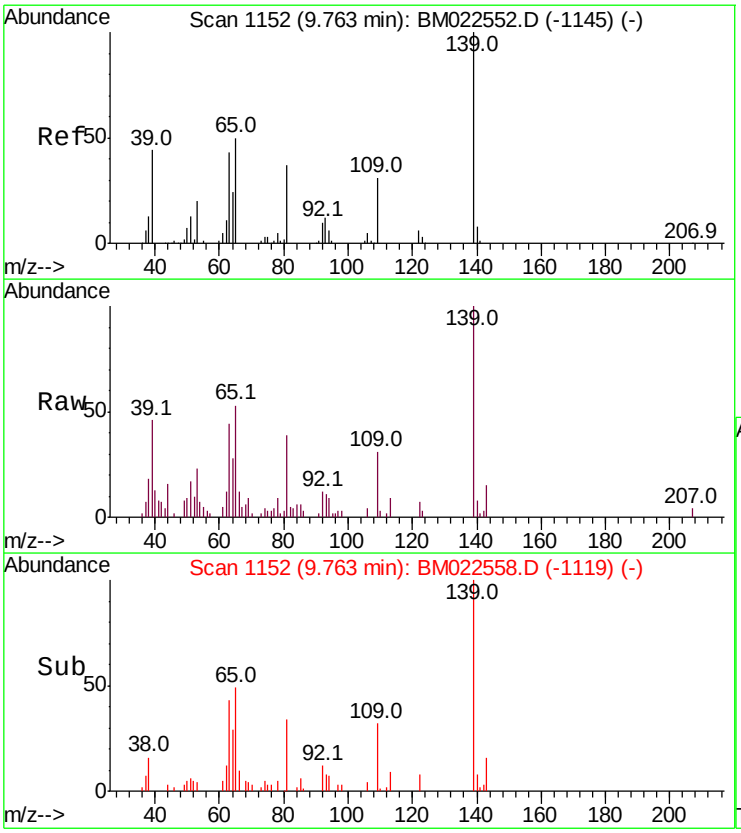
#21
Isophorone
Concen: 3.703 ng/ul
RT: 9.58 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion: 82 Resp: 147696

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	17.8	14.4	21.6

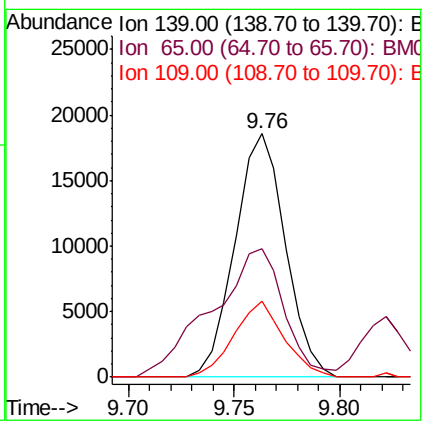


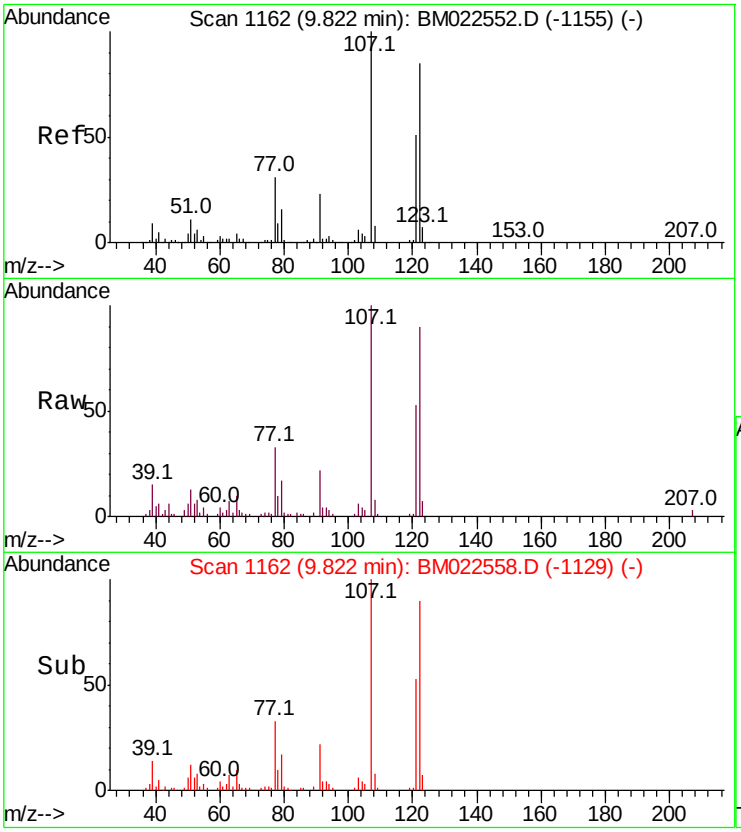


#23
2-Nitrophenol
Concen: 3.955 ng/ul
RT: 9.76 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:139 Resp: 30792

Ion	Ratio	Lower	Upper
139	100		
65	52.7	39.3	58.9
109	31.1	23.5	35.3



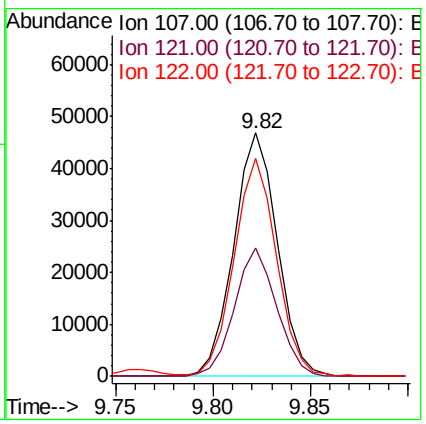


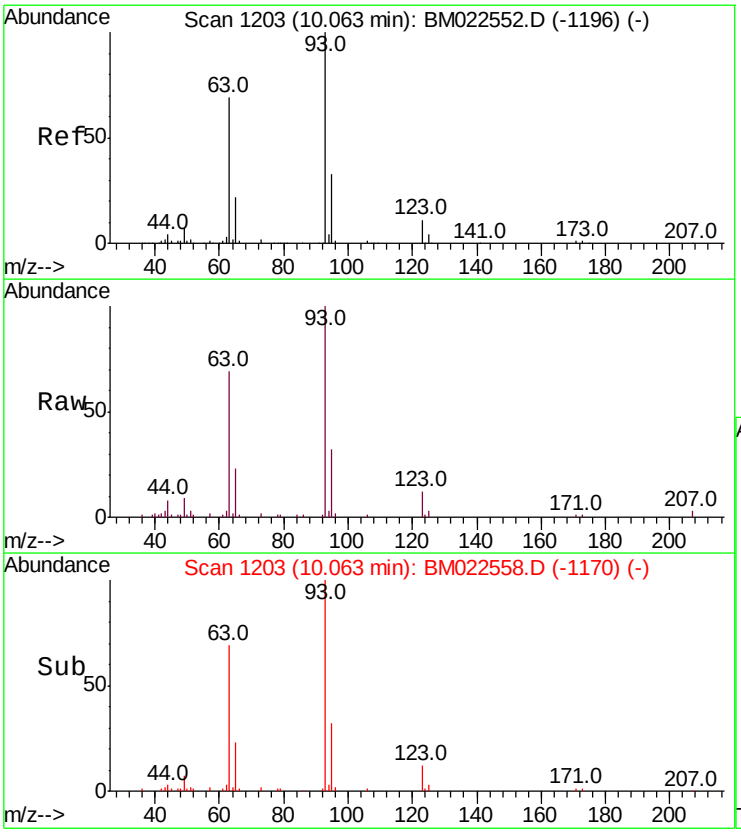
#24
2,4-Dimethylphenol
Concen: 3.707 ng/ul
RT: 9.82 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:107 Resp: 72358

Ion	Ratio	Lower	Upper
107	100		
121	52.6	40.2	60.4
122	89.6	70.2	105.2

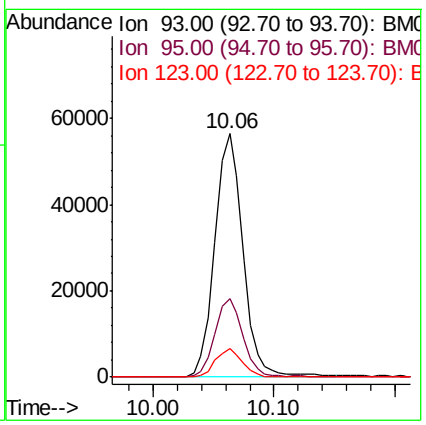


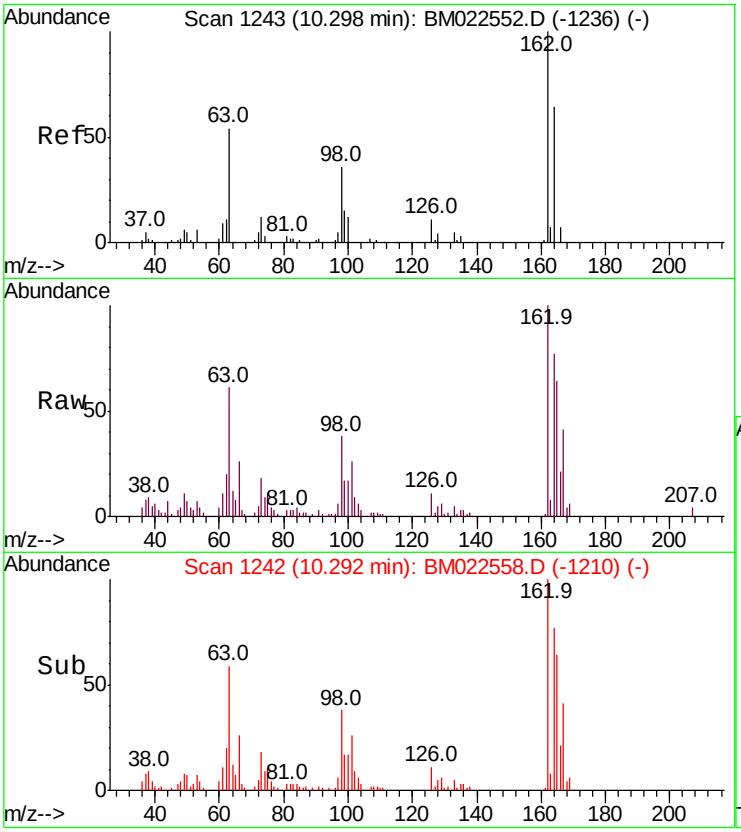


#25
Bis(2-Chloroethoxy)methane
Concen: 3.886 ng/ul
RT: 10.06 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion: 93 Resp: 90884

Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.1	39.1
123	11.6	9.2	13.8



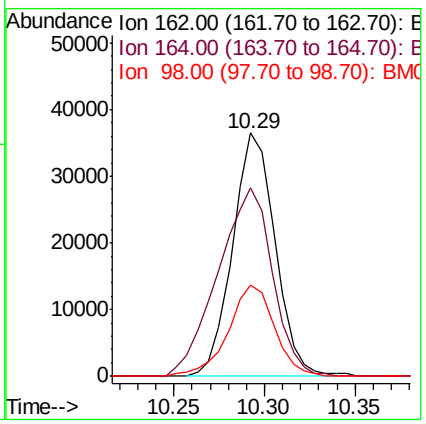


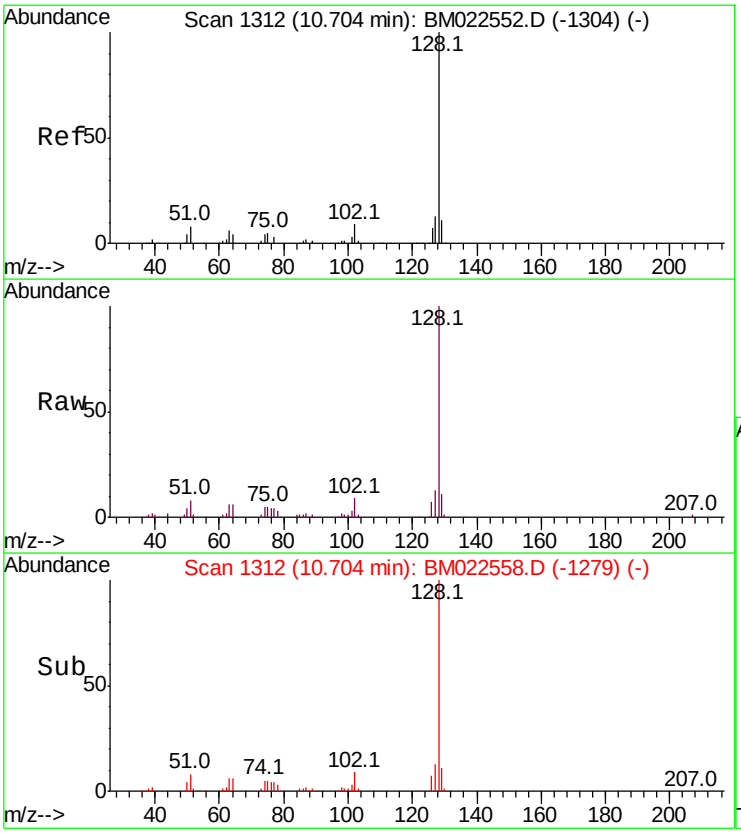
#27
2,4-Dichlorophenol
Concen: 3.623 ng/ul
RT: 10.29 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:162 Resp: 59568

Ion	Ratio	Lower	Upper
162	100		
164	77.3	52.1	78.1
98	37.6	28.9	43.3

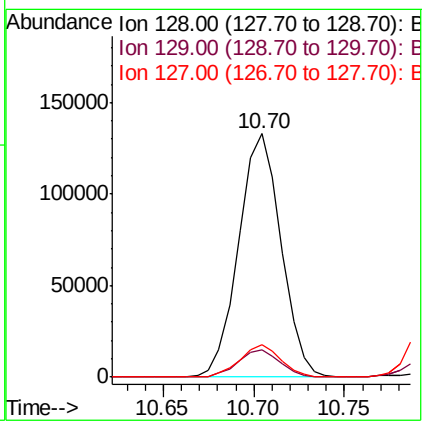


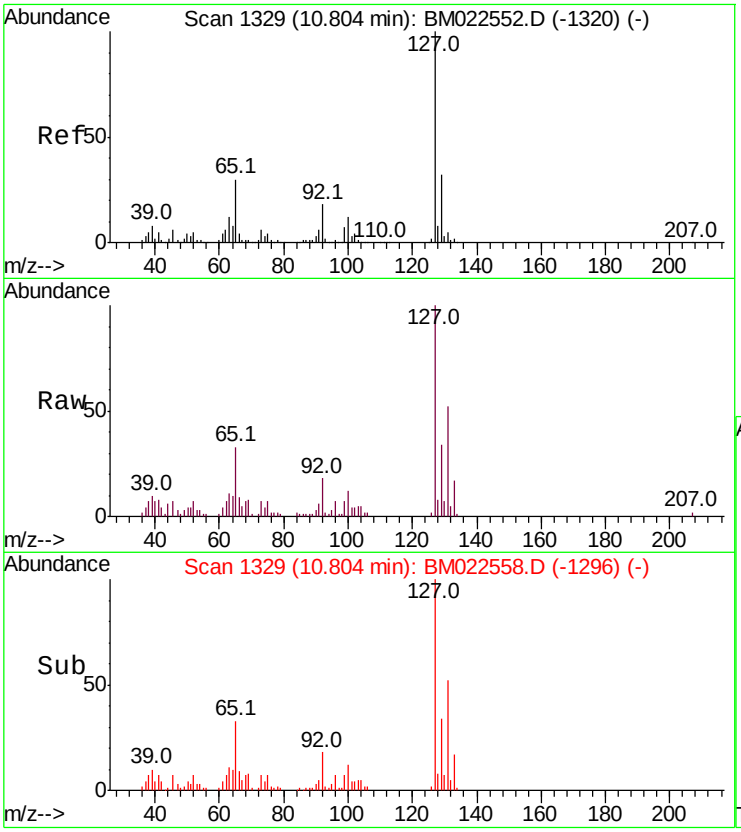


#28
Naphthalene
Concen: 3.967 ng/ul
RT: 10.70 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:128 Resp: 216882

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.2	10.6	16.0



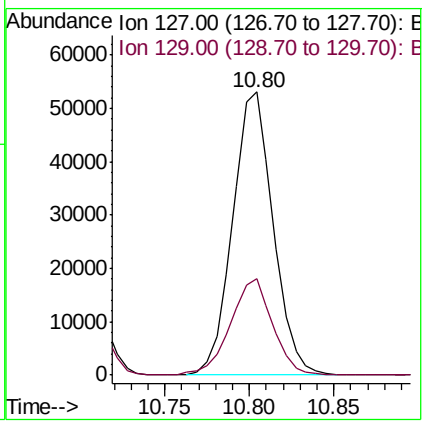


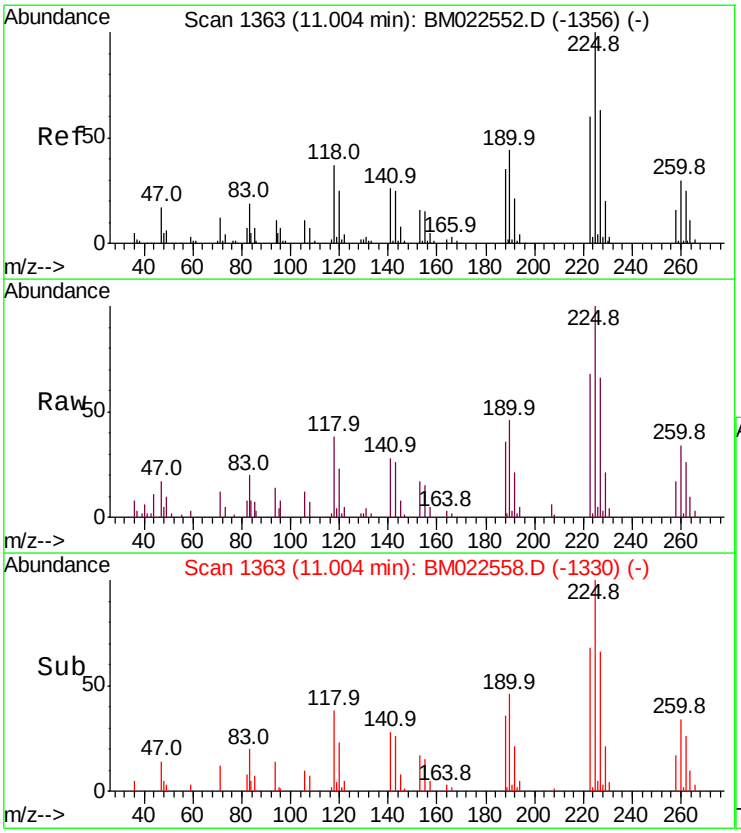
#30
4-Chloroaniline
Concen: 3.918 ng/ul
RT: 10.80 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:127 Resp: 88542

Ion	Ratio	Lower	Upper
127	100		
129	34.2	25.4	38.2

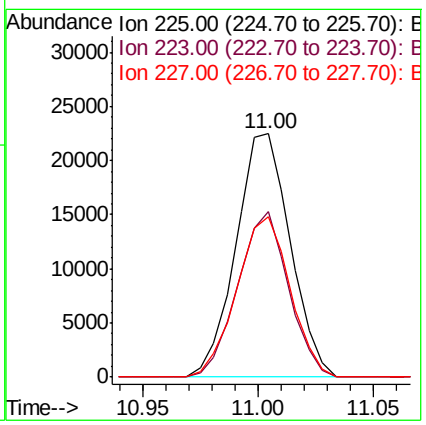


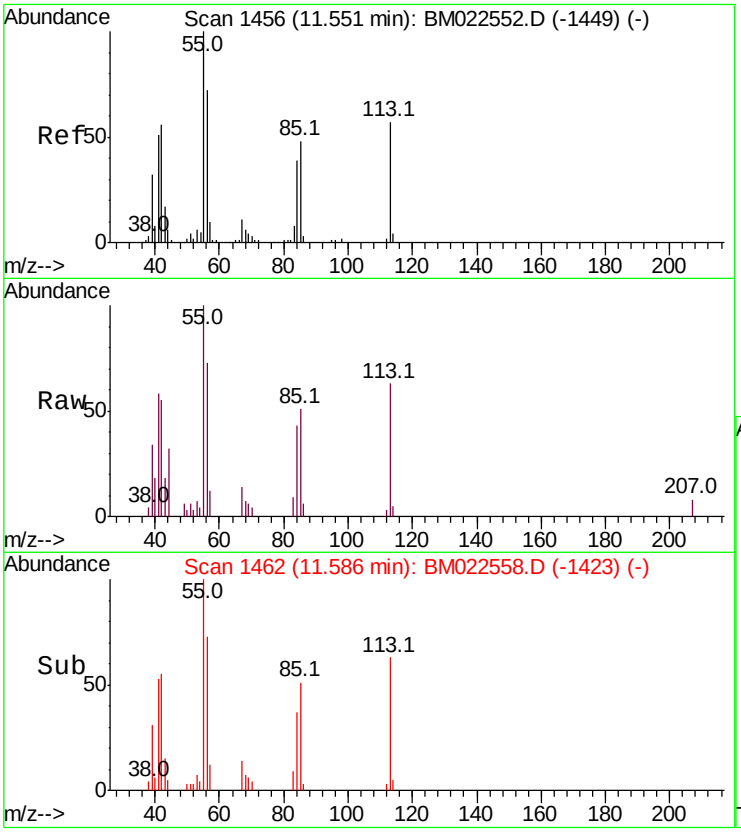


#31
Hexachlorobutadiene
Concen: 3.632 ng/ul
RT: 11.00 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:225 Resp: 36797

Ion	Ratio	Lower	Upper
225	100		
223	68.2	50.1	75.1
227	65.7	51.8	77.8



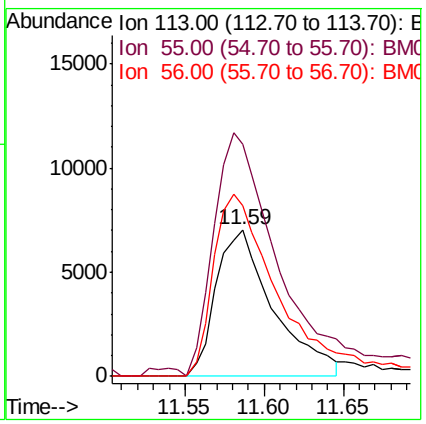


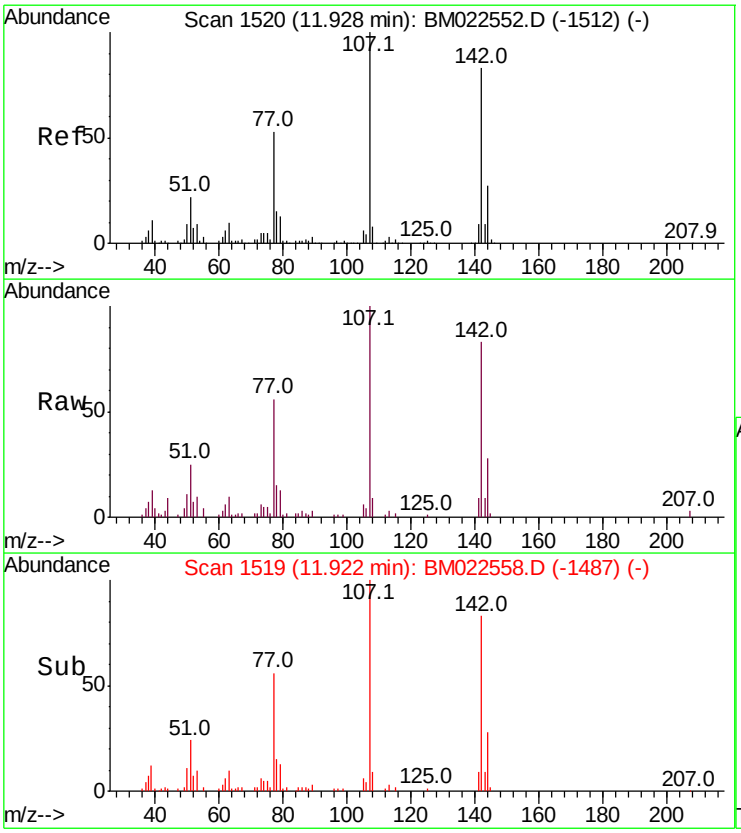
#32
Caprolactam
Concen: 2.894 ng/ul
RT: 11.59 min Scan# 1462
Delta R.T. 0.03 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:113 Resp: 17712

Ion	Ratio	Lower	Upper
113	100		
55	158.7	135.6	203.4
56	116.6	98.4	147.6

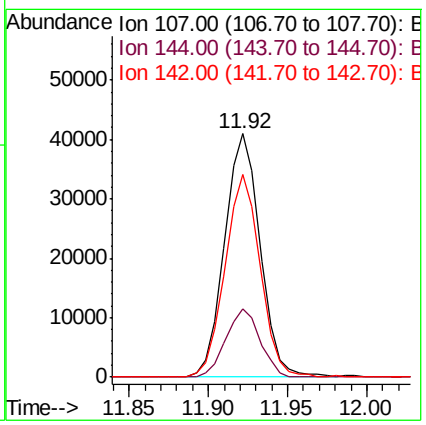


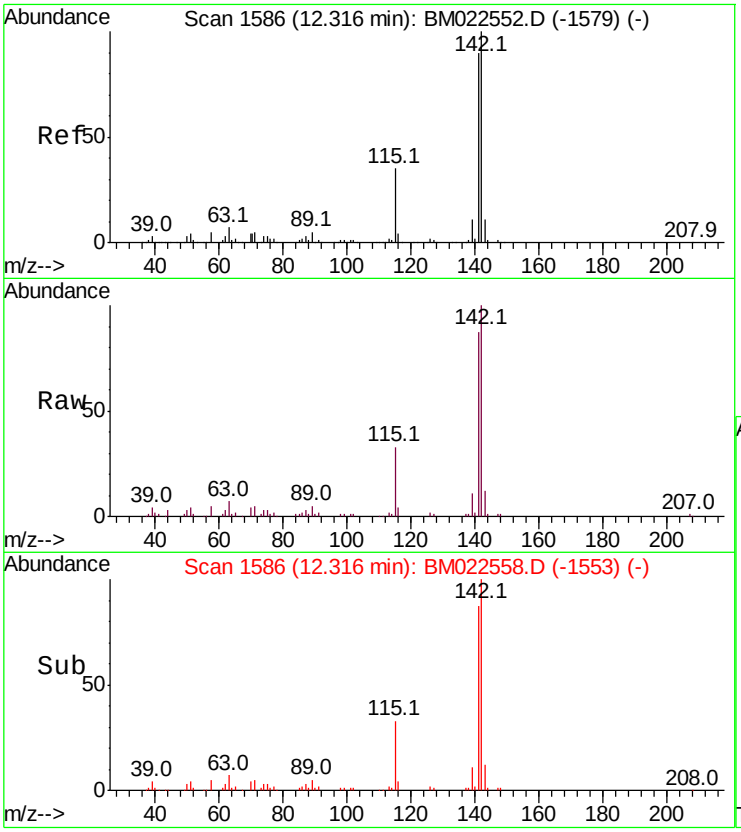


#33
4-Chloro-3-methylphenol
Concen: 3.506 ng/ul
RT: 11.92 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:107 Resp: 63625

Ion	Ratio	Lower	Upper
107	100		
144	27.8	22.6	34.0
142	83.5	67.0	100.4



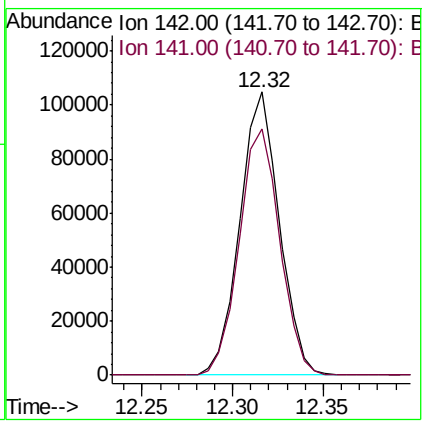


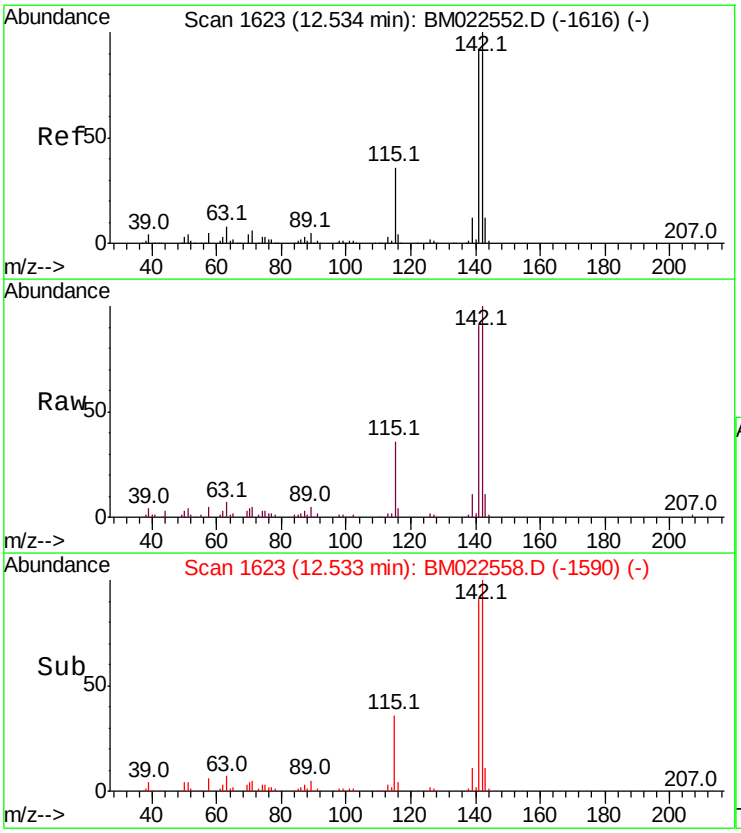
#34
2-Methylnaphthalene
Concen: 3.847 ng/ul
RT: 12.32 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:142 Resp: 158456

Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.0	106.4

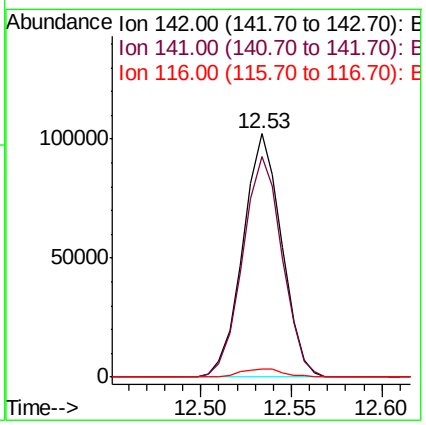


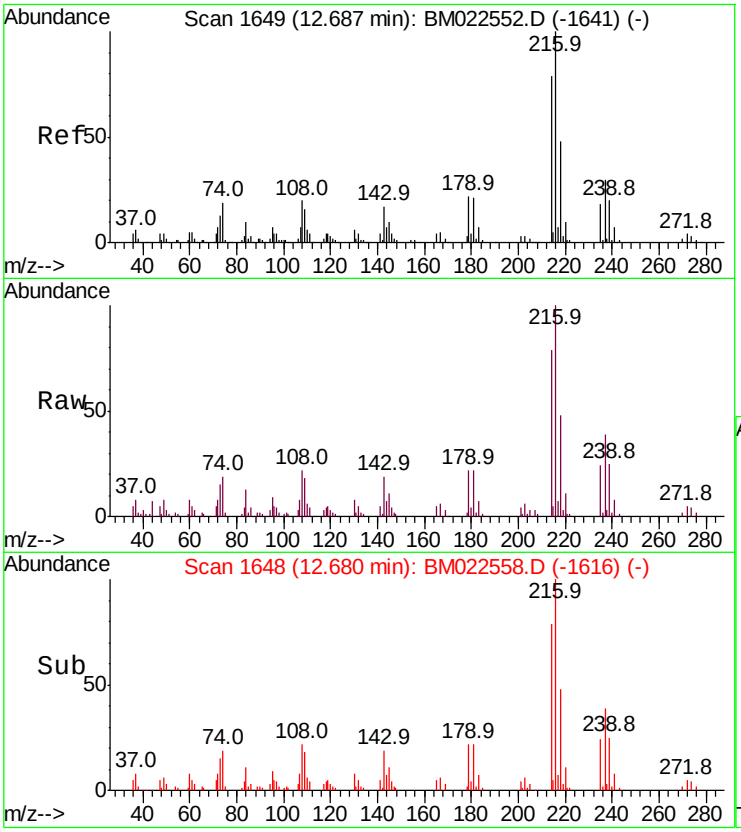


#35
1-Methylnaphthalene
Concen: 3.867 ng/ul
RT: 12.53 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:142 Resp: 152189

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.6	108.8
116	3.6	3.0	4.4



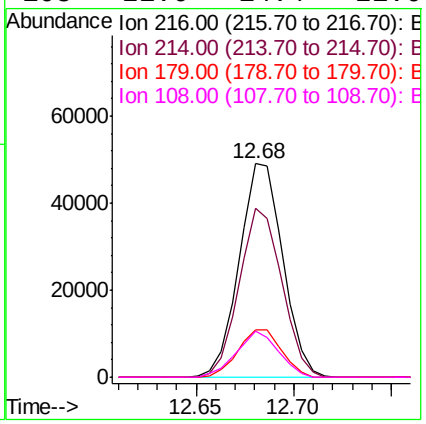


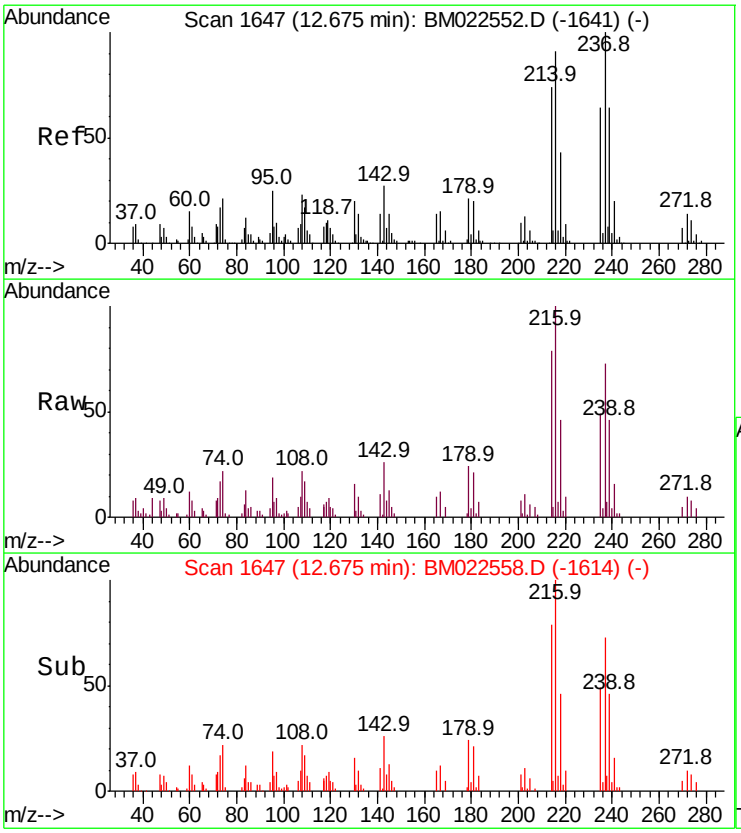
#37
1,2,4,5-Tetrachlorobenzene
Concen: 3.748 ng/ul
RT: 12.68 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:216 Resp: 75956

Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.0
179	22.1	16.7	25.1
108	21.6	14.4	21.6

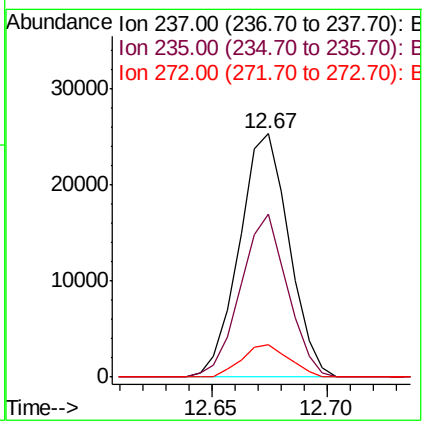


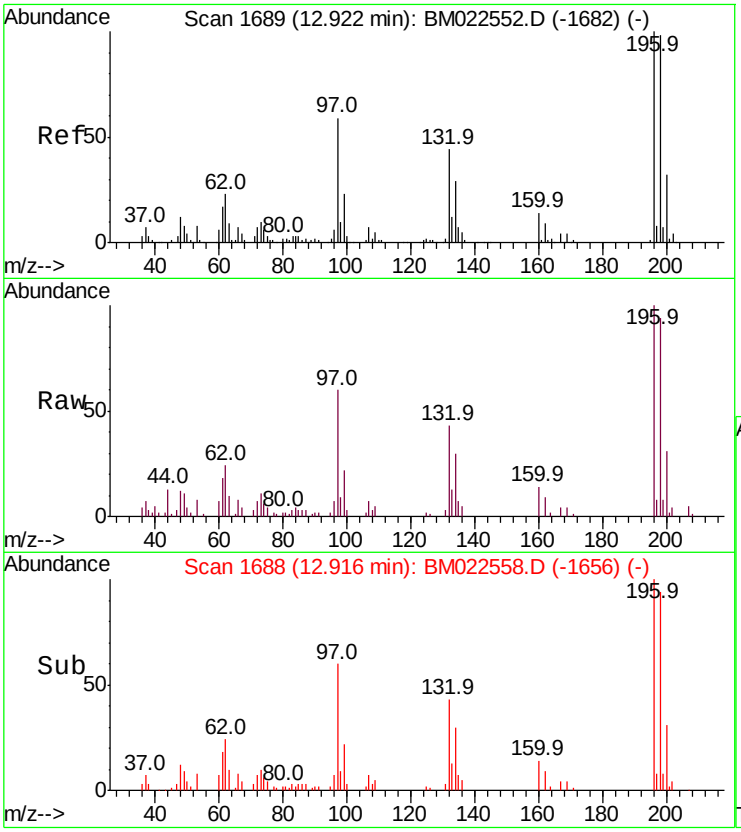


#38
Hexachlorocyclopentadiene
Concen: 3.051 ng/ul
RT: 12.67 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:237 Resp: 38117

Ion	Ratio	Lower	Upper
237	100		
235	67.2	50.1	75.1
272	13.3	10.2	15.4



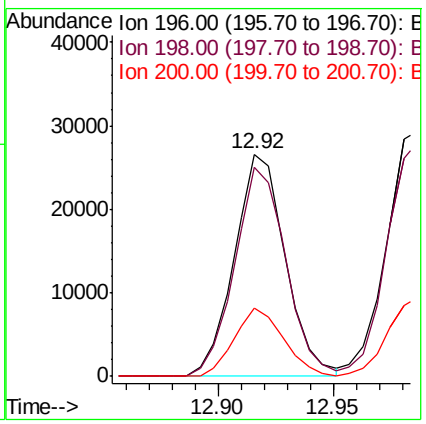


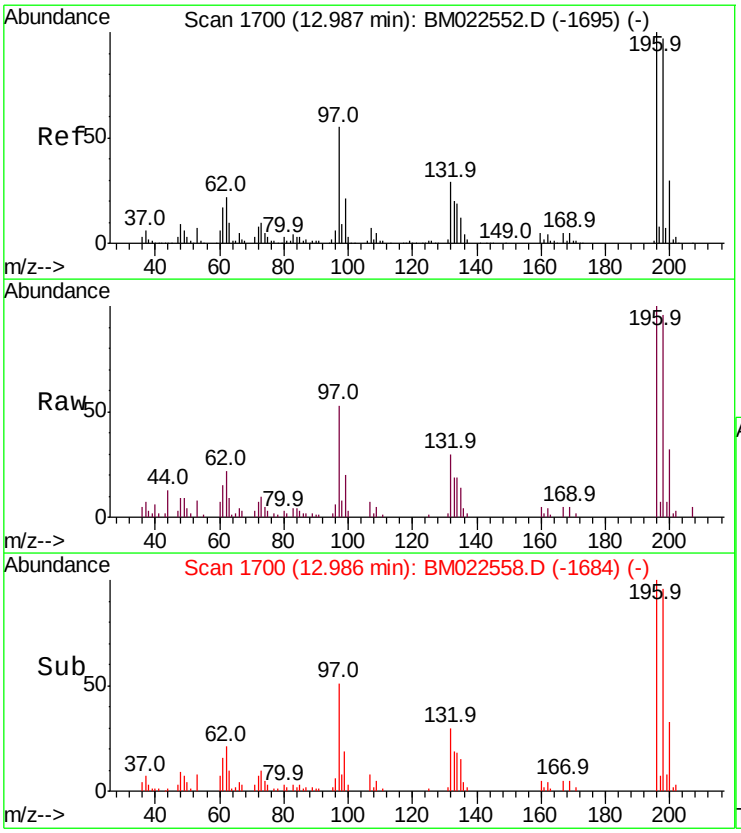
#39
2,4,6-Trichlorophenol
Concen: 3.234 ng/ul
RT: 12.92 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:196 Resp: 41026

Ion	Ratio	Lower	Upper
196	100		
198	94.2	77.7	116.5
200	30.5	24.6	37.0

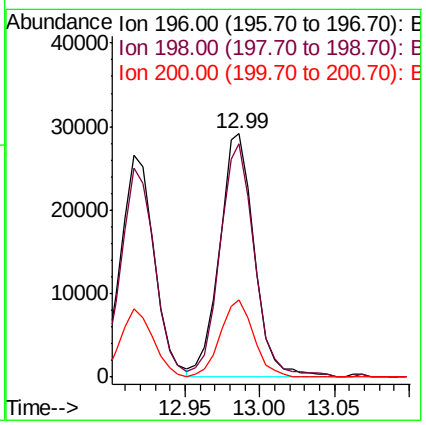


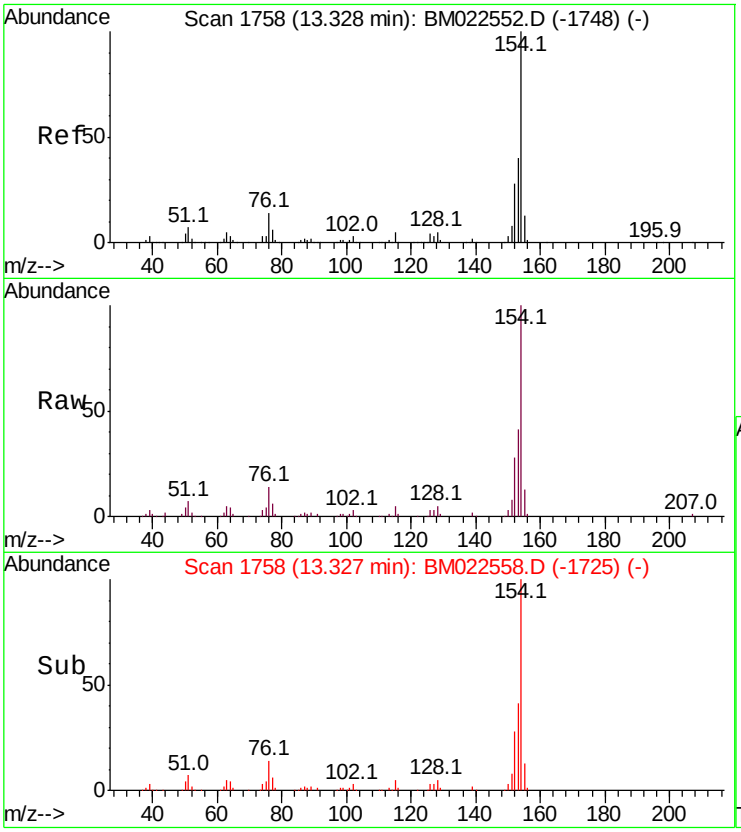


#40
2,4,5-Trichlorophenol
Concen: 3.469 ng/ul
RT: 12.99 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:196 Resp: 47711

Ion	Ratio	Lower	Upper
196	100		
198	95.9	77.4	116.0
200	32.0	24.0	36.0



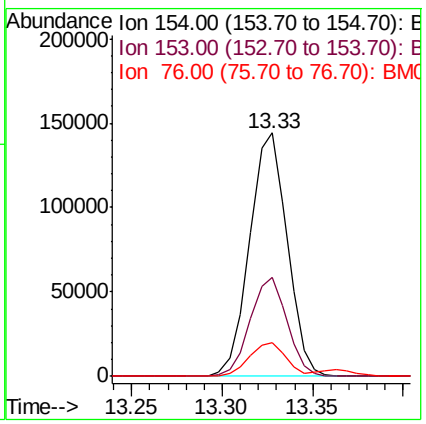


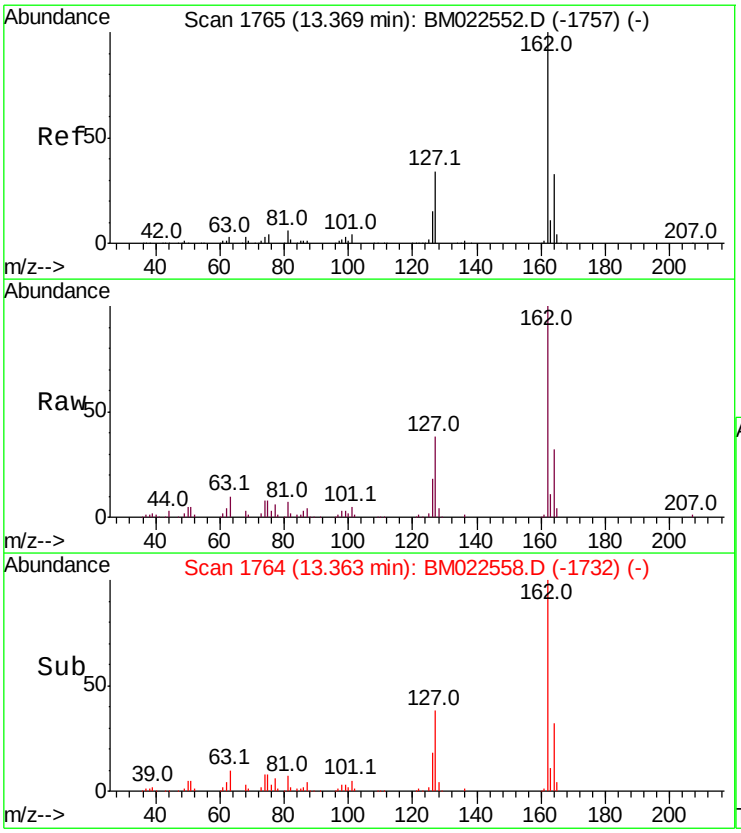
#41
1,1'-Biphenyl
Concen: 3.978 ng/ul
RT: 13.33 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:154 Resp: 208028

Ion	Ratio	Lower	Upper
154	100		
153	40.6	32.1	48.1
76	13.6	10.2	15.2

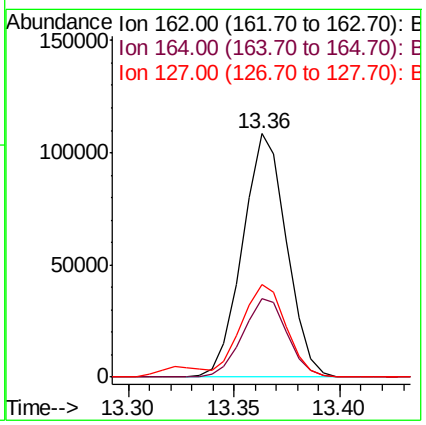


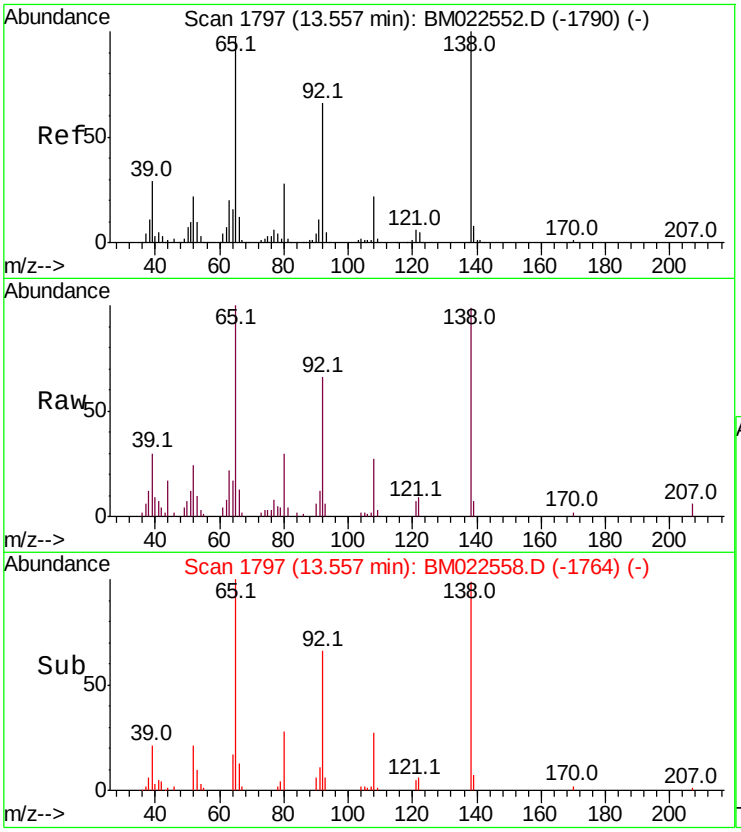


#42
2-Chloronaphthalene
Concen: 3.974 ng/ul
RT: 13.36 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:162 Resp: 157362

Ion	Ratio	Lower	Upper
162	100		
164	32.4	26.1	39.1
127	38.1	30.1	45.1



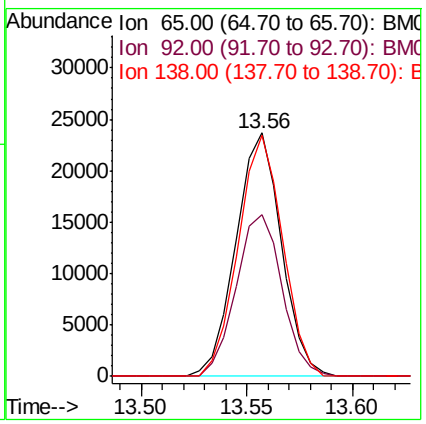


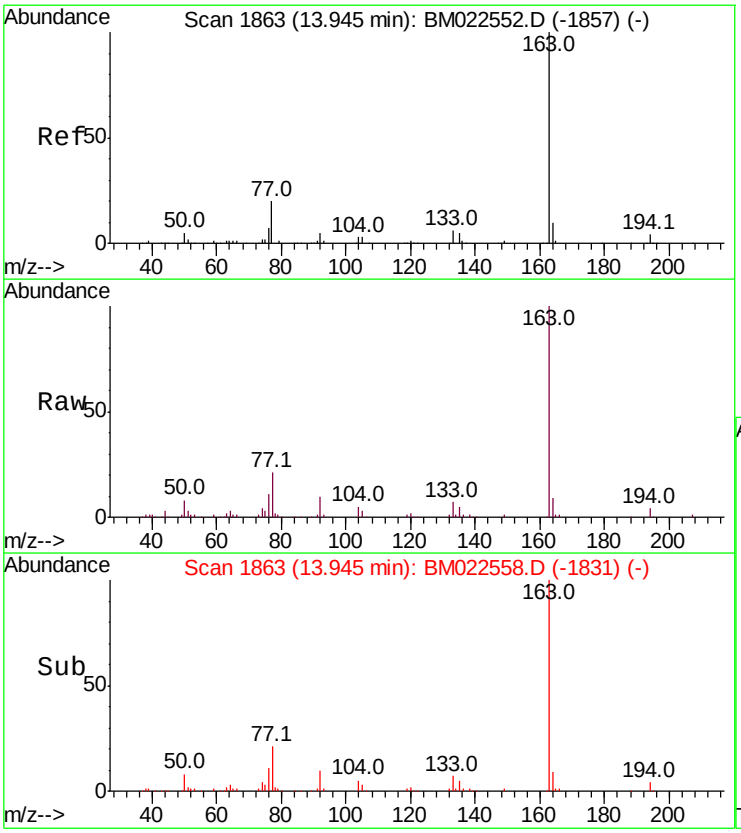
#43
2-Nitroaniline
Concen: 3.835 ng/ul
RT: 13.56 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion: 65 Resp: 35450

Ion	Ratio	Lower	Upper
65	100		
92	66.2	55.7	83.5
138	99.0	86.0	129.0

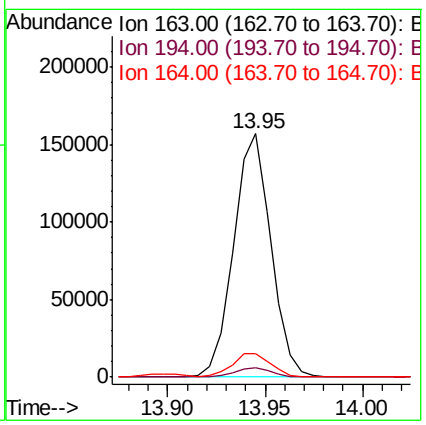


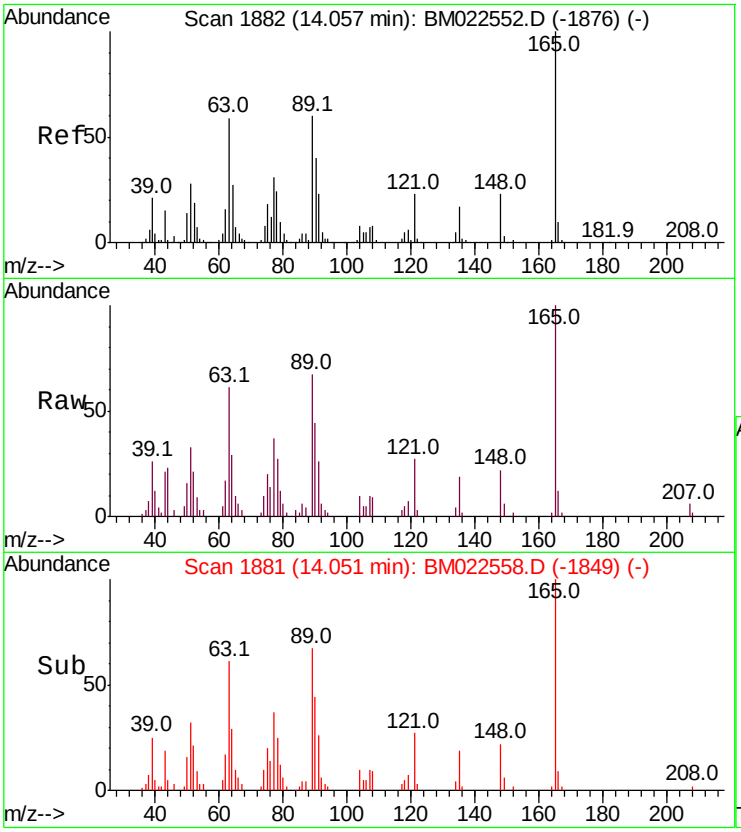


#45
Dimethylphthalate
Concen: 4.009 ng/ul
RT: 13.95 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:163 Resp: 207090

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.4	7.8	11.8



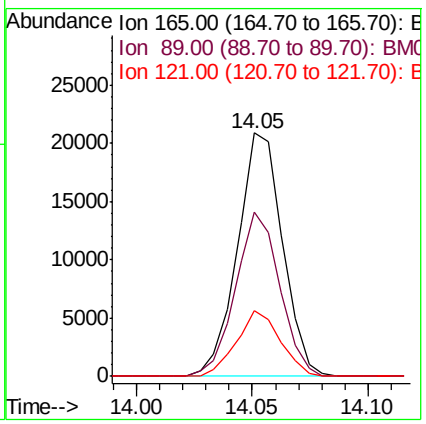


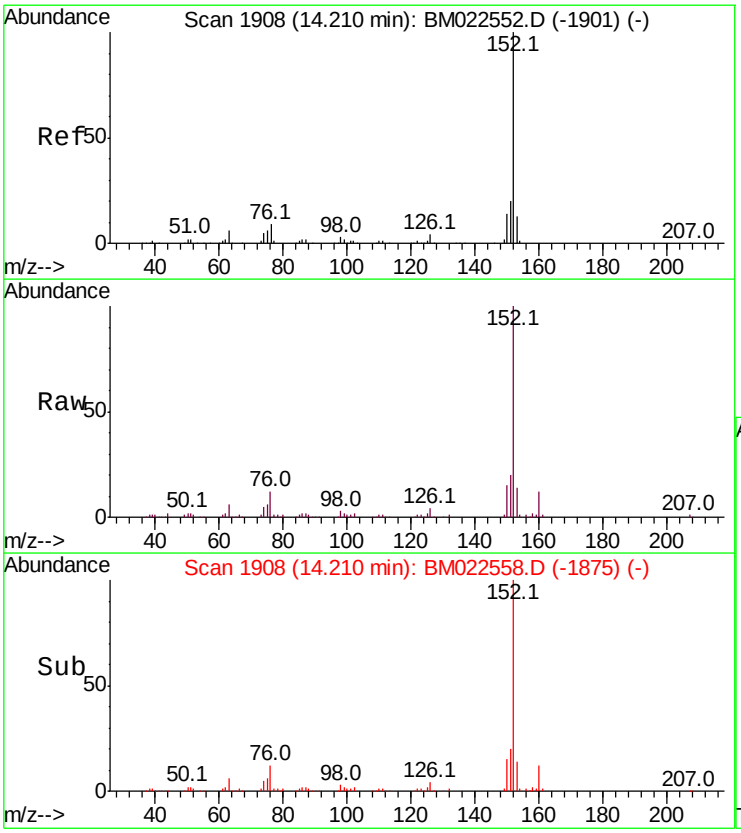
#46
2,6-Dinitrotoluene
Concen: 3.392 ng/ul
RT: 14.05 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:165 Resp: 28526

Ion	Ratio	Lower	Upper
165	100		
89	67.3	47.7	71.5
121	26.9	18.4	27.6

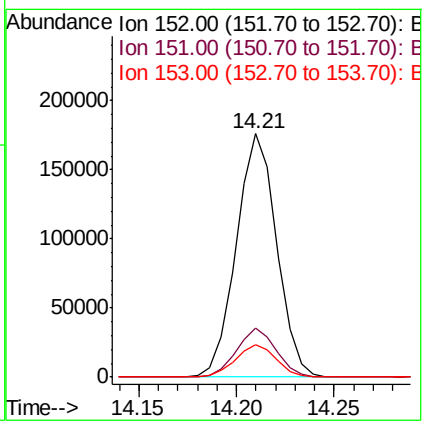


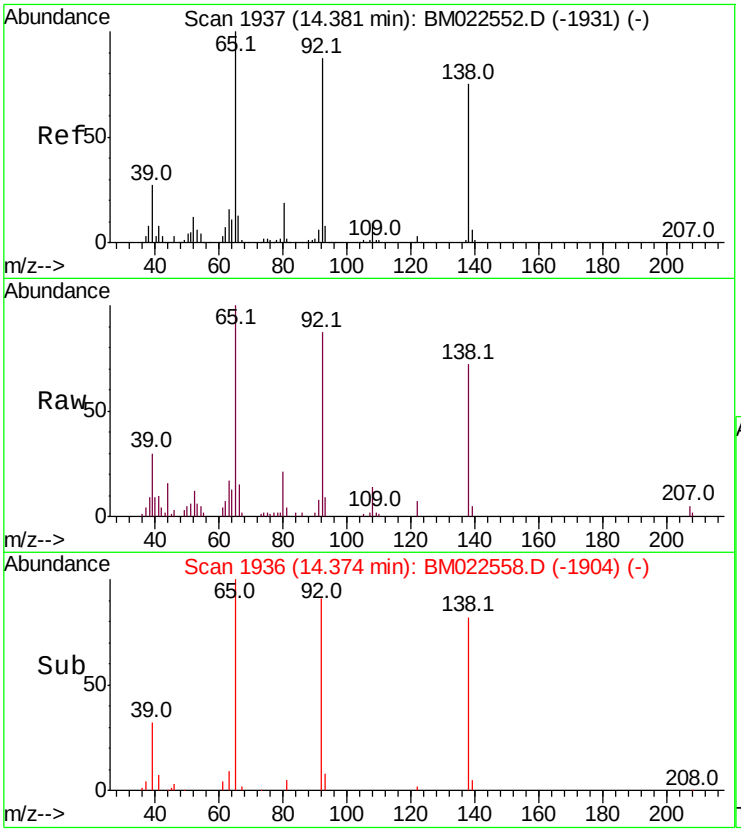


#48
Acenaphthylene
Concen: 3.980 ng/ul
RT: 14.21 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:152 Resp: 251565

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.6	10.4	15.6



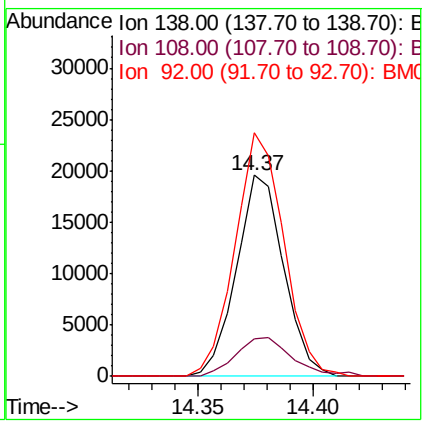


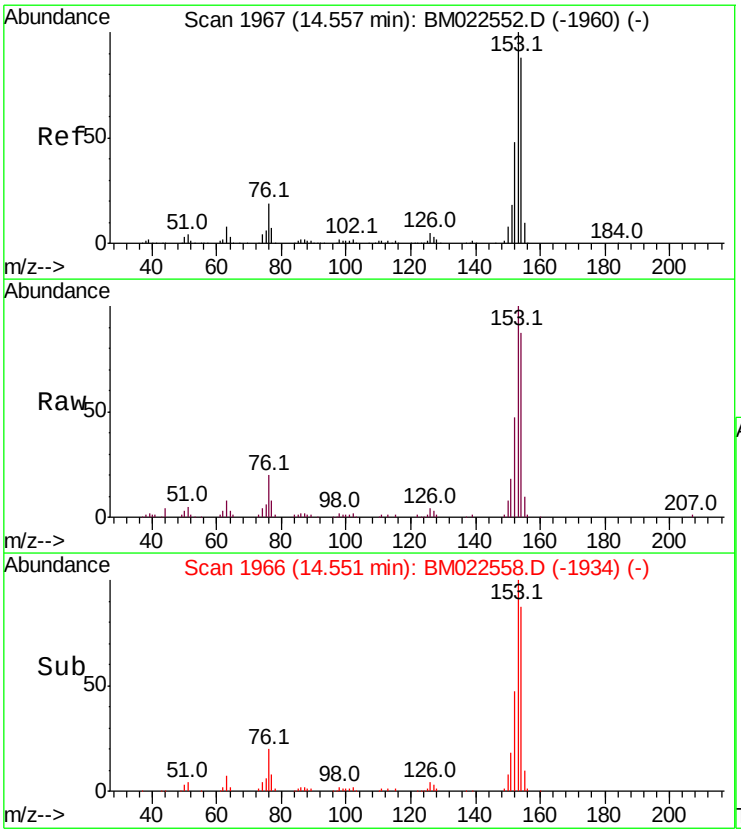
#49
3-Nitroaniline
Concen: 3.074 ng/ul
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:138 Resp: 28029

Ion	Ratio	Lower	Upper
138	100		
108	18.9	13.5	20.3
92	120.9	93.7	140.5

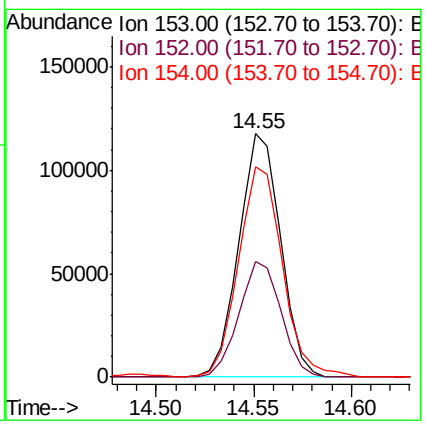


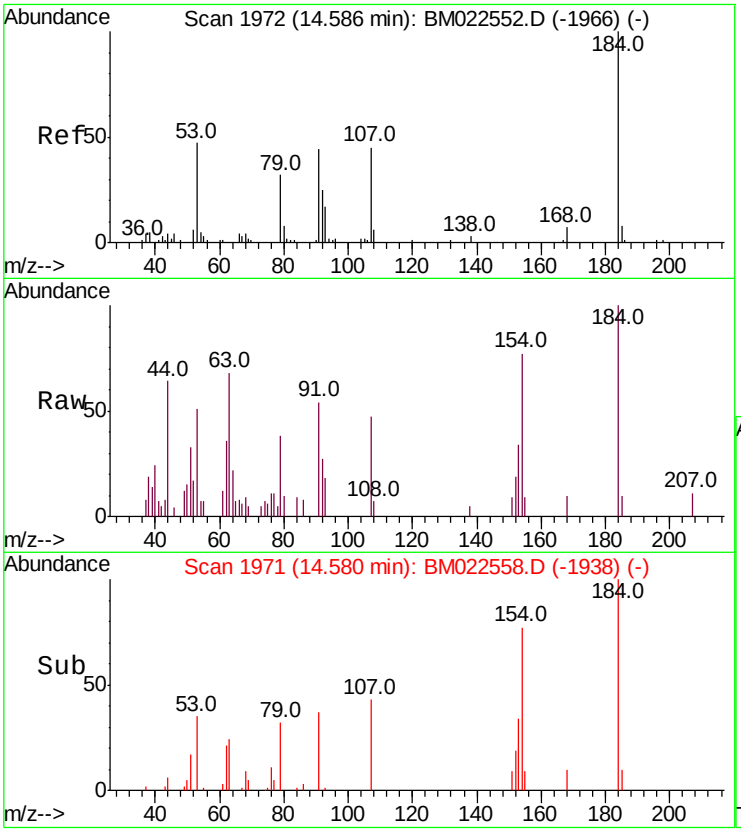


#50
Acenaphthene
Concen: 3.991 ng/ul
RT: 14.55 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:153 Resp: 174776

Ion	Ratio	Lower	Upper
153	100		
152	47.5	37.5	56.3
154	86.6	71.4	107.0



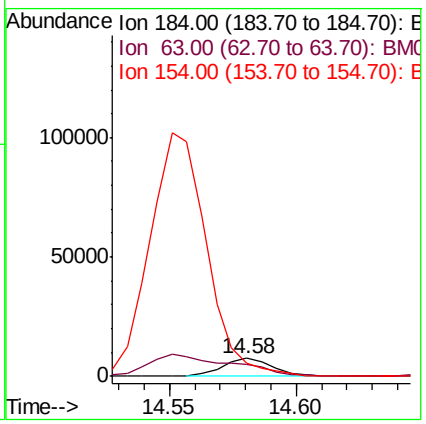


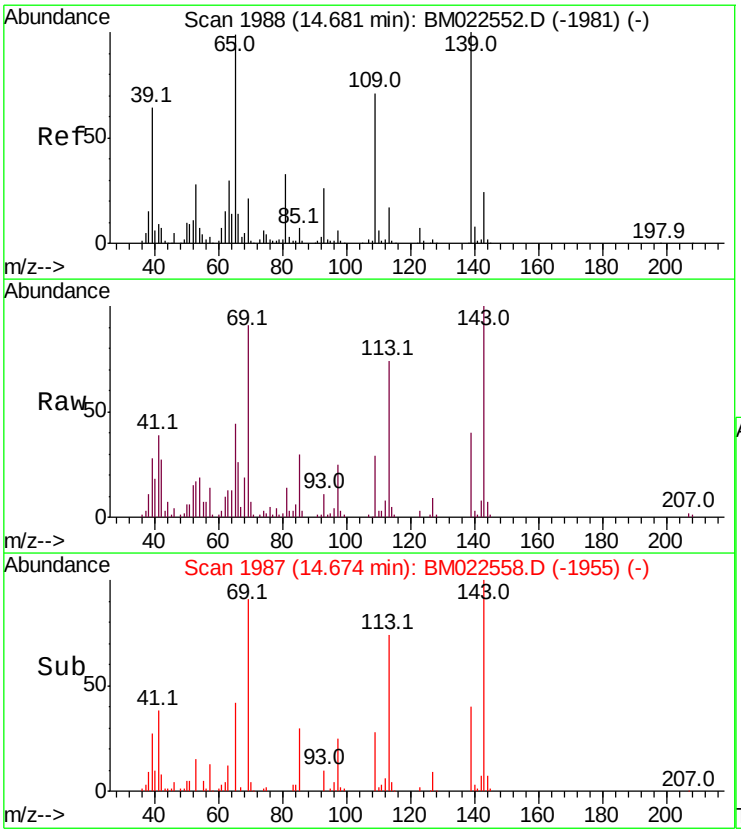
#51
2,4-Dinitrophenol
Concen: 2.689 ng/ul
RT: 14.58 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:184 Resp: 10375

Ion	Ratio	Lower	Upper
184	100		
63	68.5	51.5	77.3
154	77.1	81.9	122.9#

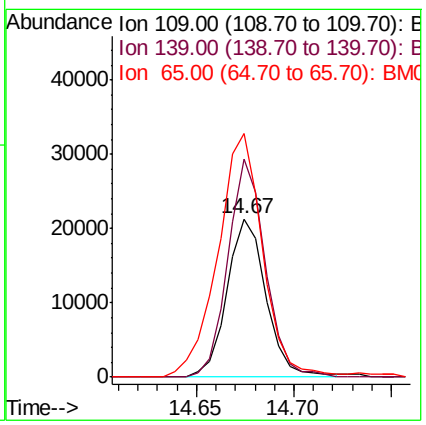


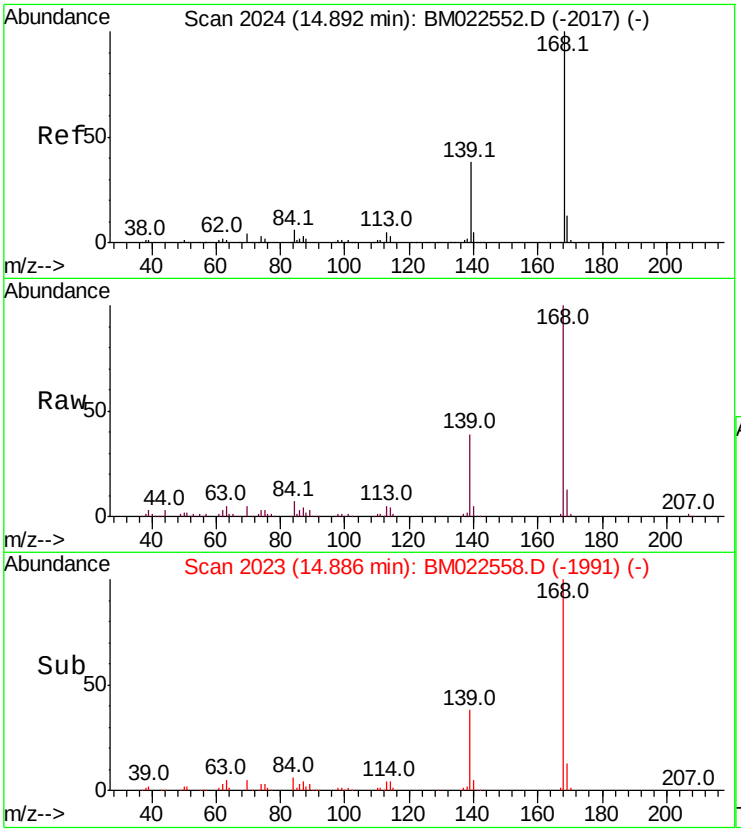


#53
4-Nitrophenol
Concen: 4.227 ng/ul
RT: 14.67 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:109 Resp: 29526

Ion	Ratio	Lower	Upper
109	100		
139	138.3	107.6	161.4
65	154.0	101.9	152.9#



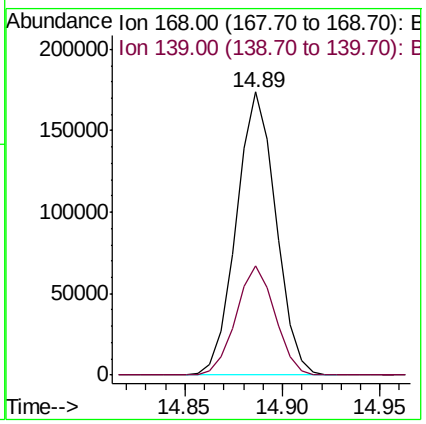


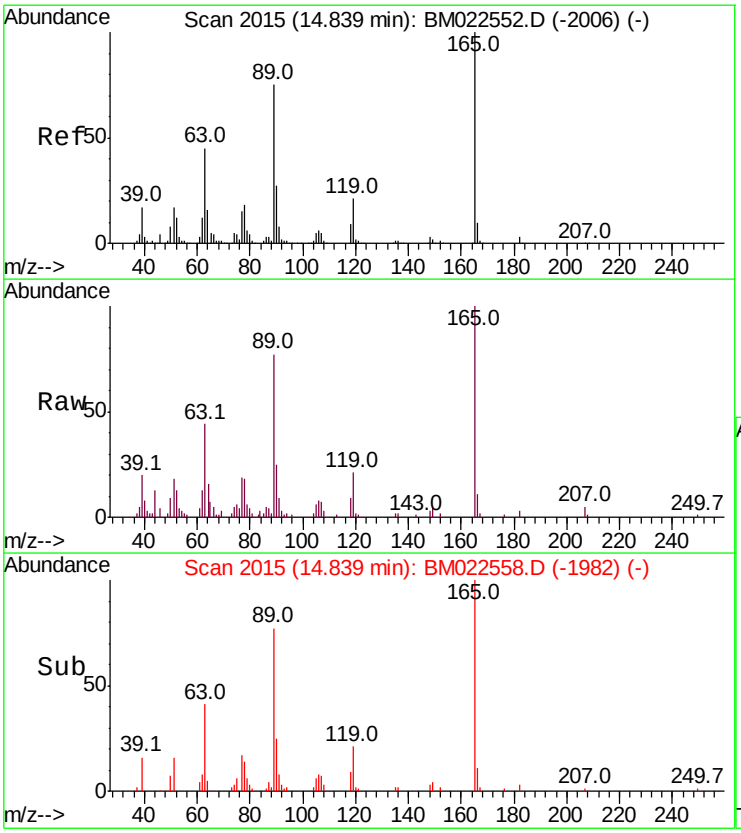
#54
Dibenzofuran
Concen: 4.019 ng/ul
RT: 14.89 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:168 Resp: 244283

Ion	Ratio	Lower	Upper
168	100		
139	38.8	29.5	44.3

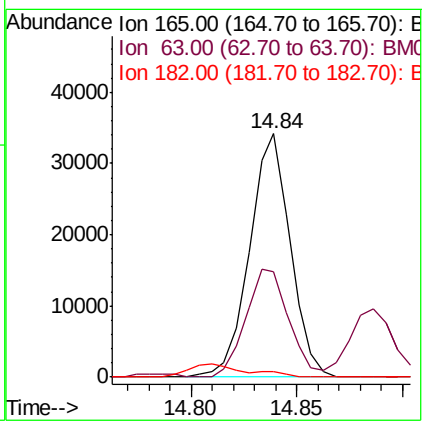


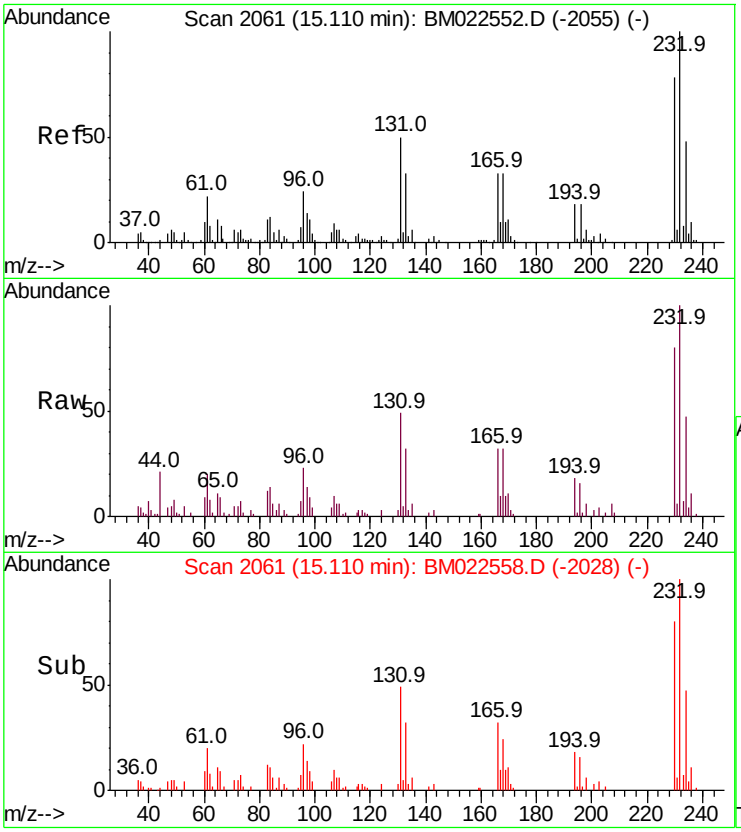


#55
2,4-Dinitrotoluene
Concen: 3.698 ng/ul
RT: 14.84 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:165 Resp: 45558

Ion	Ratio	Lower	Upper
165	100		
63	43.5	35.7	53.5
182	2.5	2.2	3.2



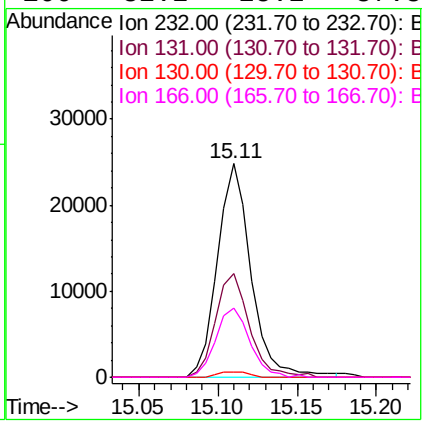


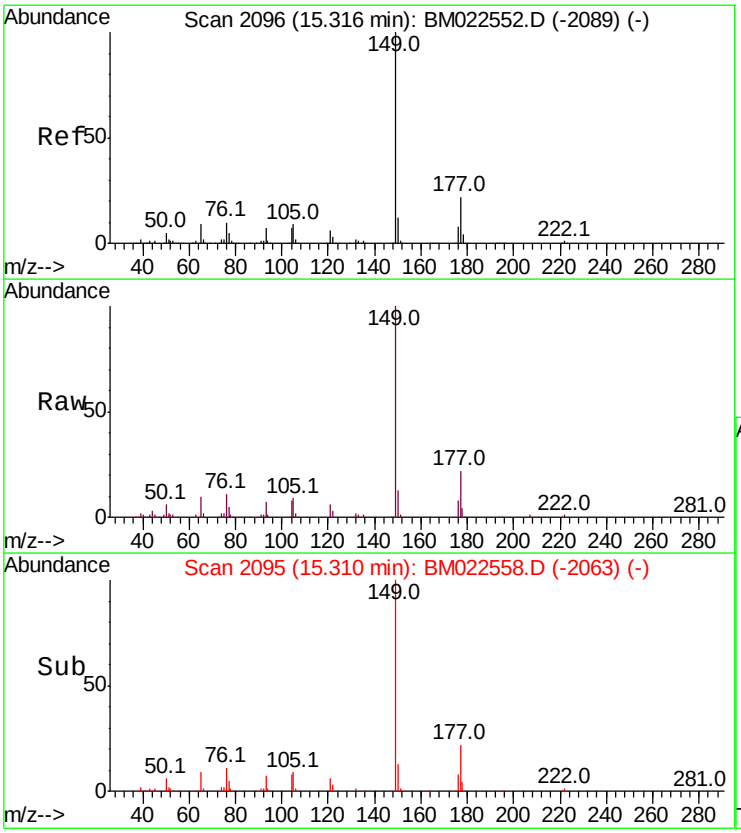
#56
2,3,4,6-Tetrachlorophenol
Concen: 3.205 ng/ul
RT: 15.11 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:232 Resp: 36617

Ion	Ratio	Lower	Upper
232	100		
131	48.6	36.9	55.3
130	2.5	2.0	3.0
166	32.2	25.2	37.8

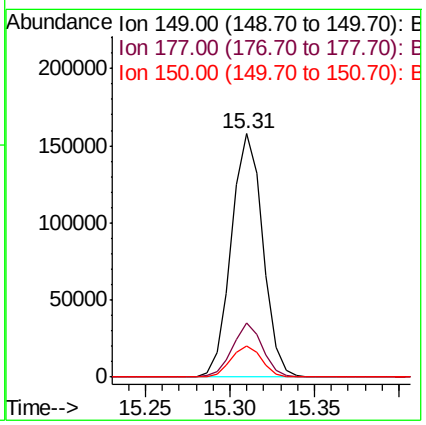


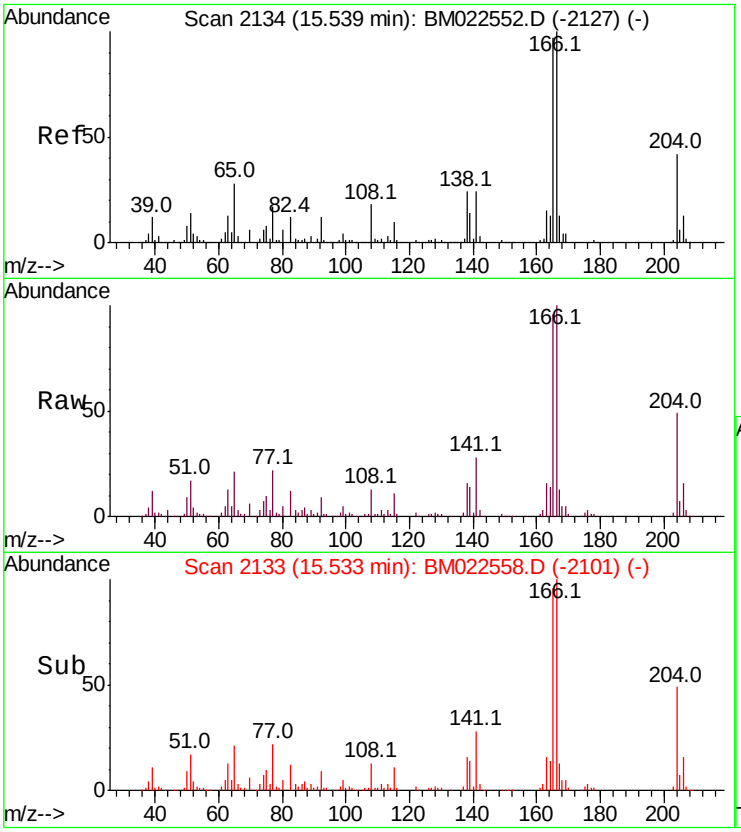


#57
Diethylphthalate
Concen: 3.823 ng/ul
RT: 15.31 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:149 Resp: 204339

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.3	25.9
150	12.7	10.2	15.2



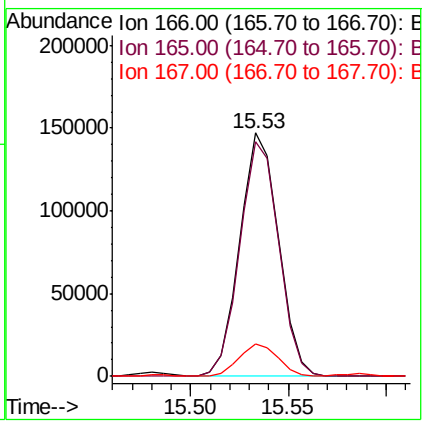


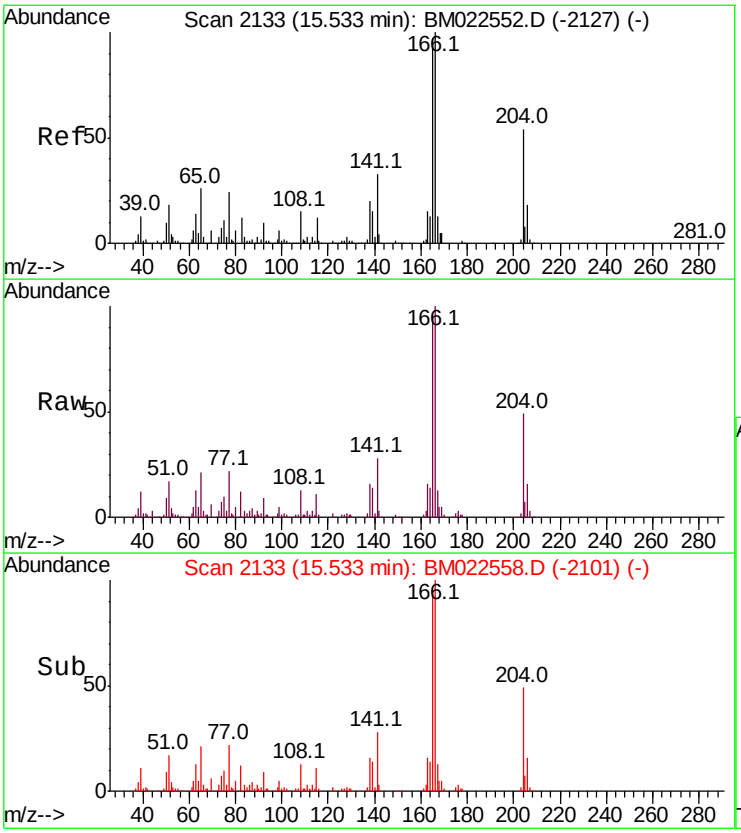
#59
Fluorene
Concen: 4.047 ng/ul
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:166 Resp: 202363

Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.8	116.8
167	13.4	10.9	16.3

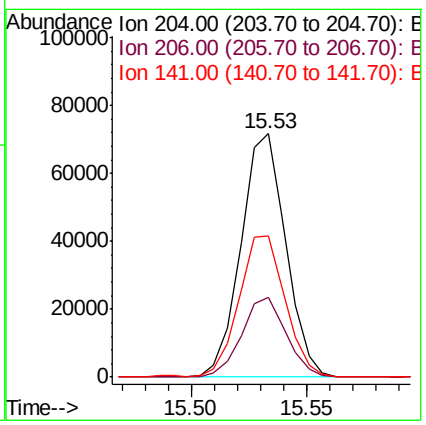


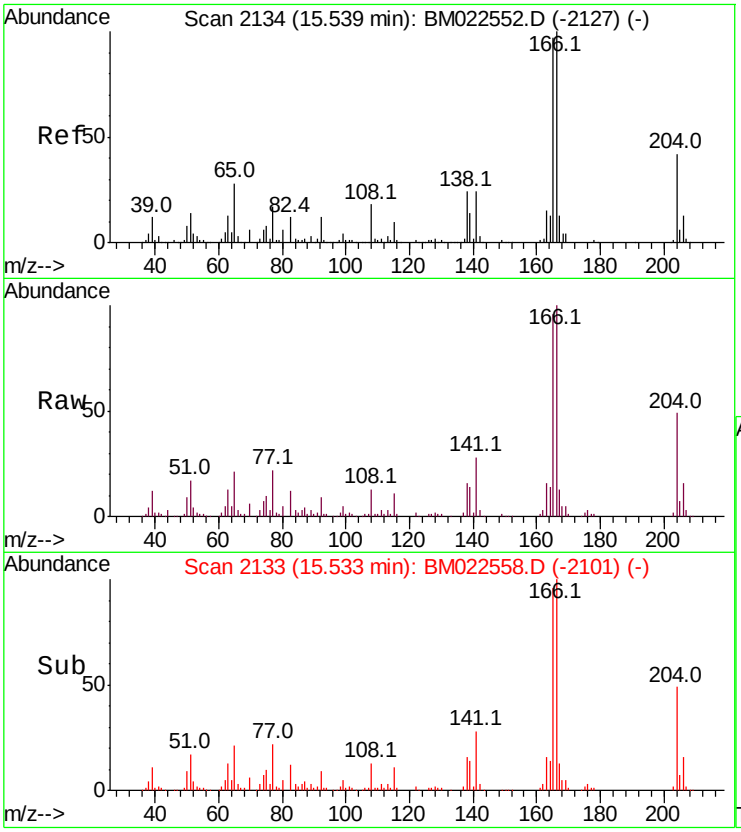


#60
4-Chlorophenyl-phenylether
Concen: 3.916 ng/ul
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:204 Resp: 96902

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.0	39.0
141	58.0	45.4	68.2



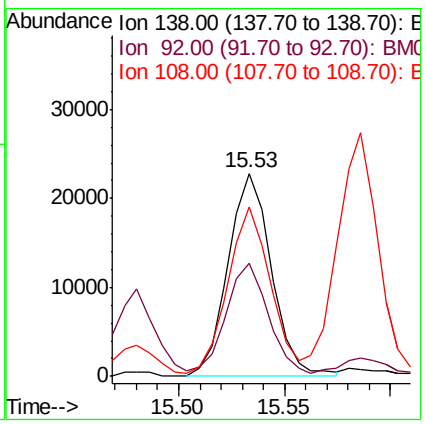


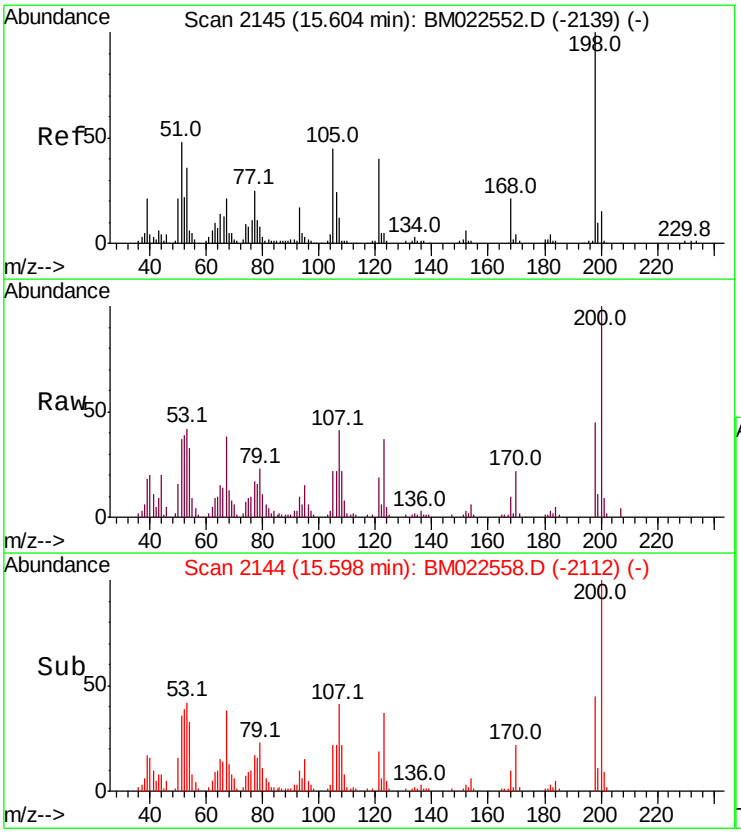
#61
4-Nitroaniline
Concen: 3.127 ng/ul
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:138 Resp: 32499

Ion	Ratio	Lower	Upper
138	100		
92	55.5	40.3	60.5
108	83.4	62.2	93.2

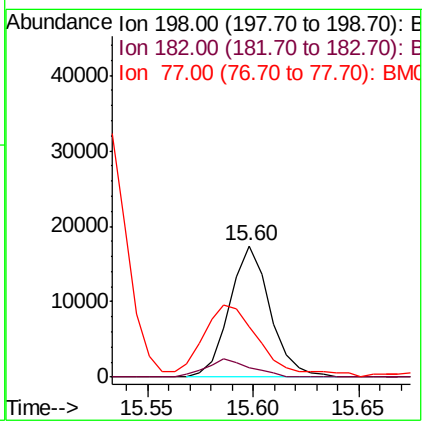


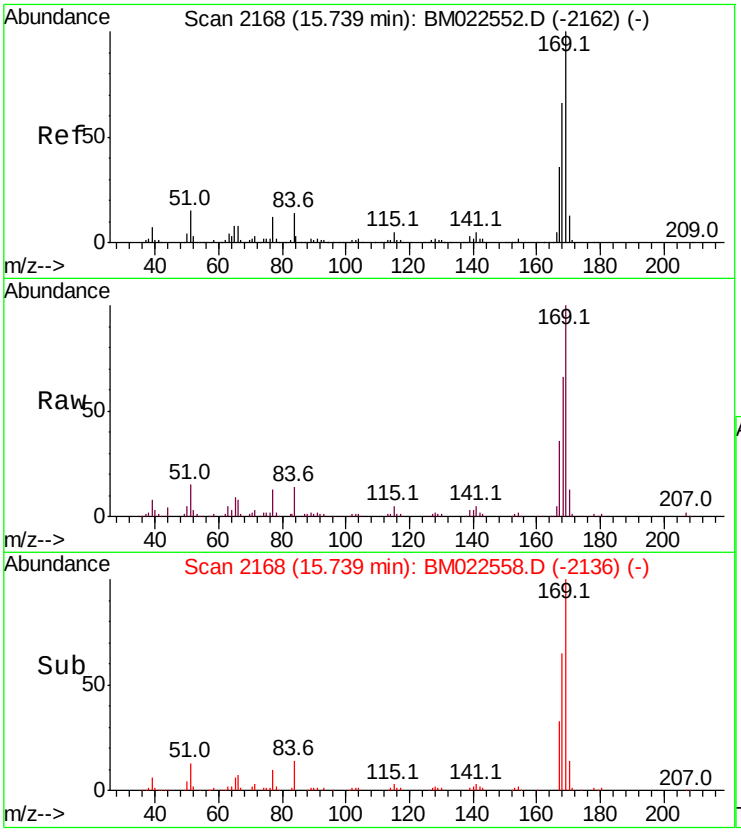


#64
4,6-Dinitro-2-methylphenol
Concen: 3.331 ng/ul
RT: 15.60 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:198 Resp: 23153

Ion	Ratio	Lower	Upper
198	100		
182	7.2	3.4	5.0#
77	38.1	19.7	29.5#



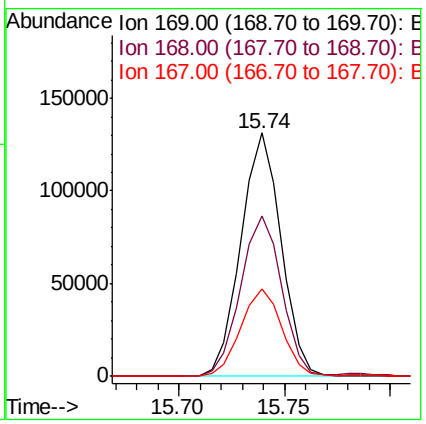


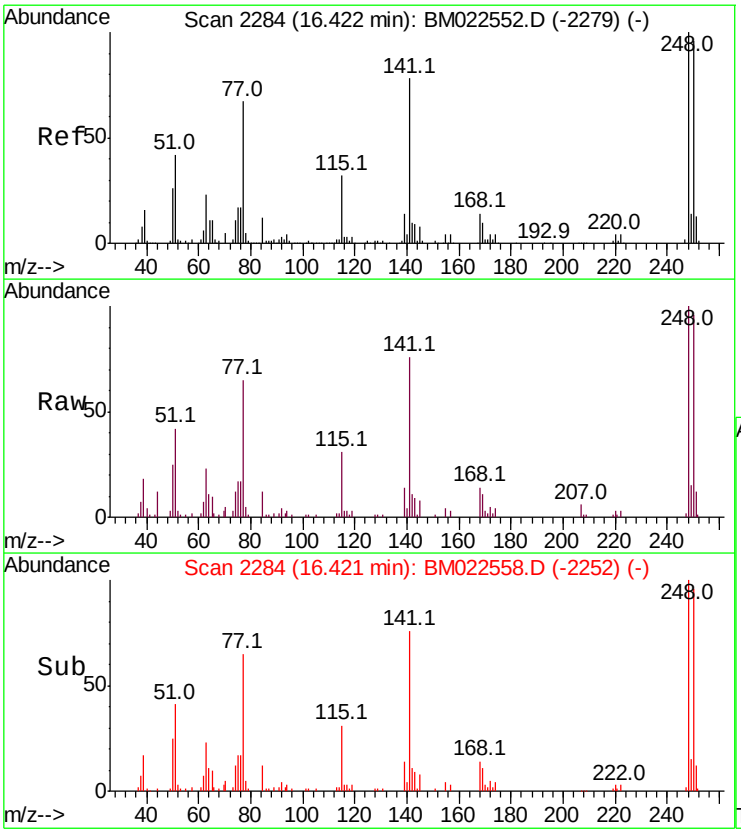
#65
N-Nitrosodiphenylamine
Concen: 3.848 ng/ul
RT: 15.74 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:169 Resp: 173533

Ion	Ratio	Lower	Upper
169	100		
168	65.7	53.5	80.3
167	36.0	29.5	44.3

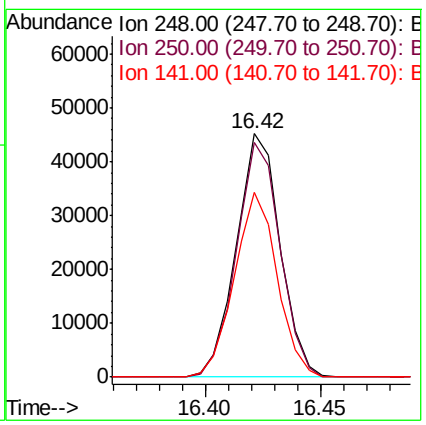


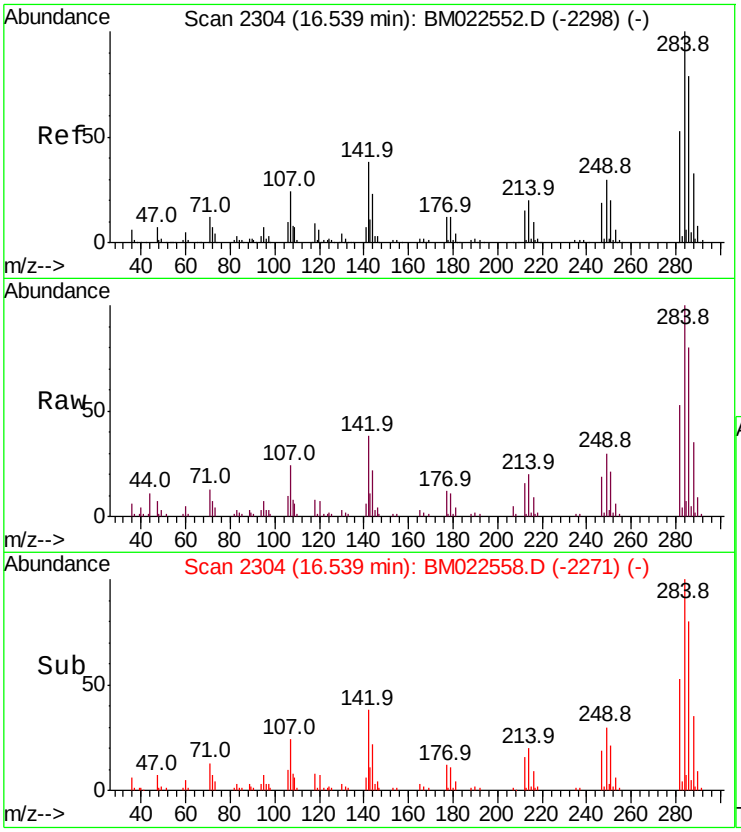


#66
4-Bromophenyl-phenylether
Concen: 3.616 ng/ul
RT: 16.42 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:248 Resp: 59710

Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.3	114.5
141	76.1	57.0	85.4



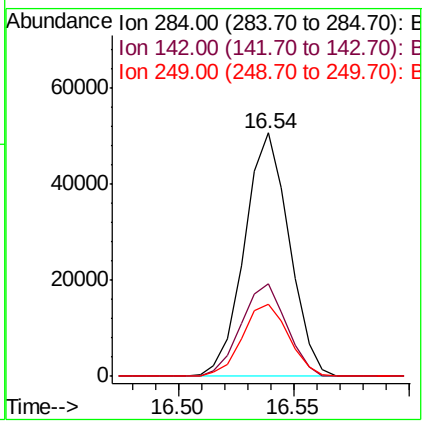


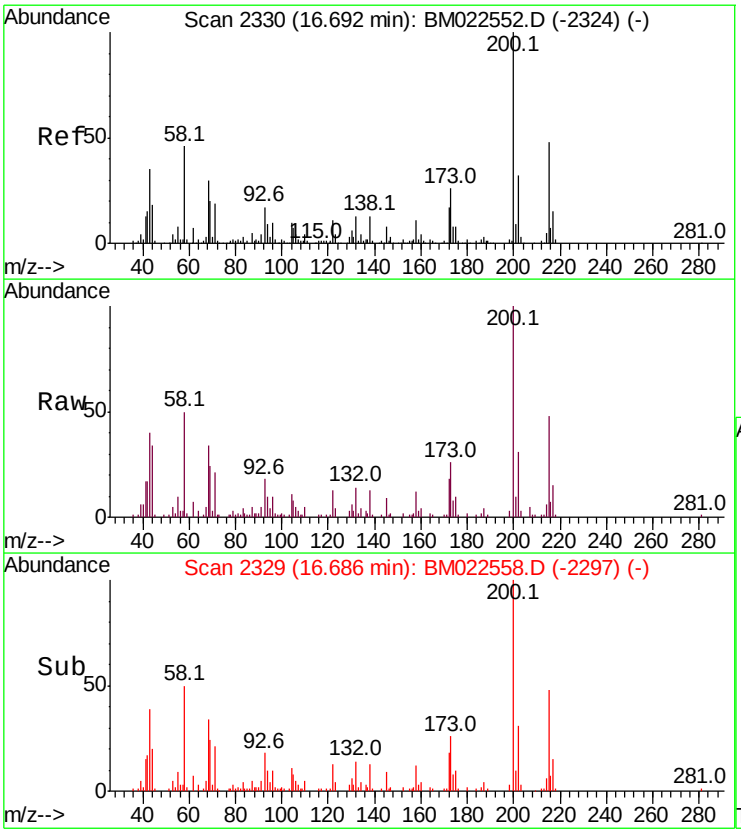
#67
Hexachlorobenzene
Concen: 3.769 ng/ul
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:284 Resp: 68591

Ion	Ratio	Lower	Upper
284	100		
142	38.0	29.3	43.9
249	29.7	24.7	37.1

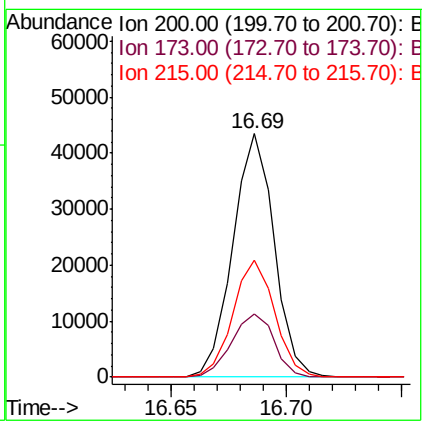


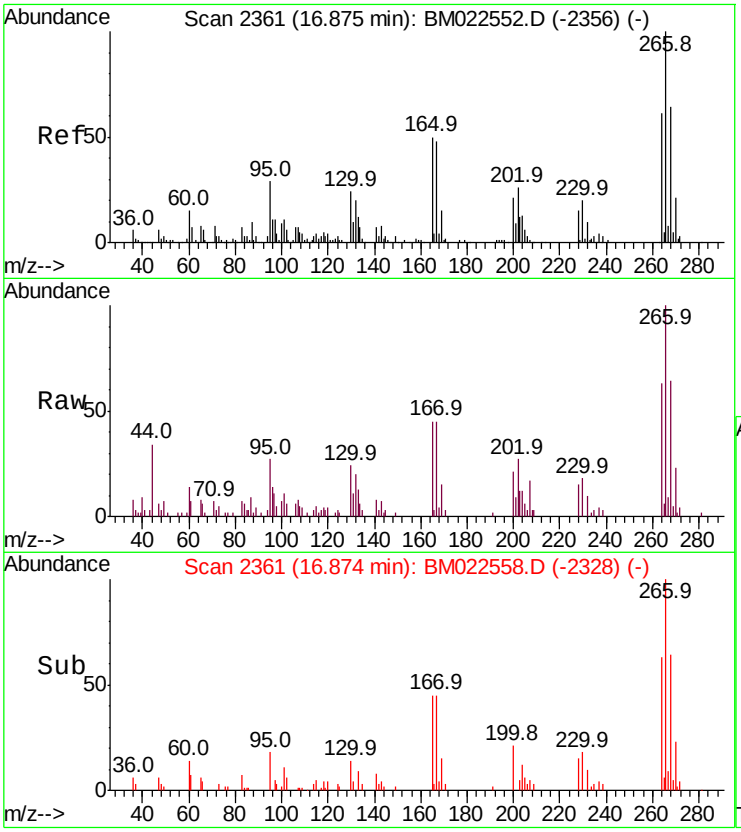


#68
Atrazine
Concen: 3.127 ng/ul
RT: 16.69 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:200 Resp: 54224

Ion	Ratio	Lower	Upper
200	100		
173	25.9	21.6	32.4
215	48.1	39.0	58.4



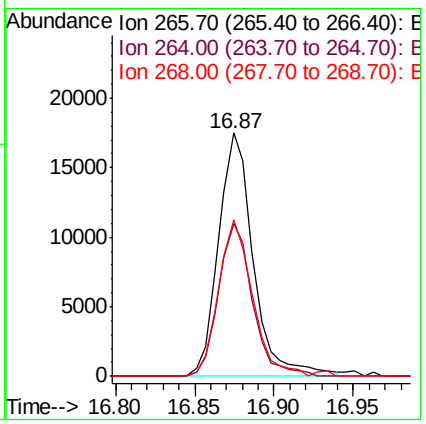


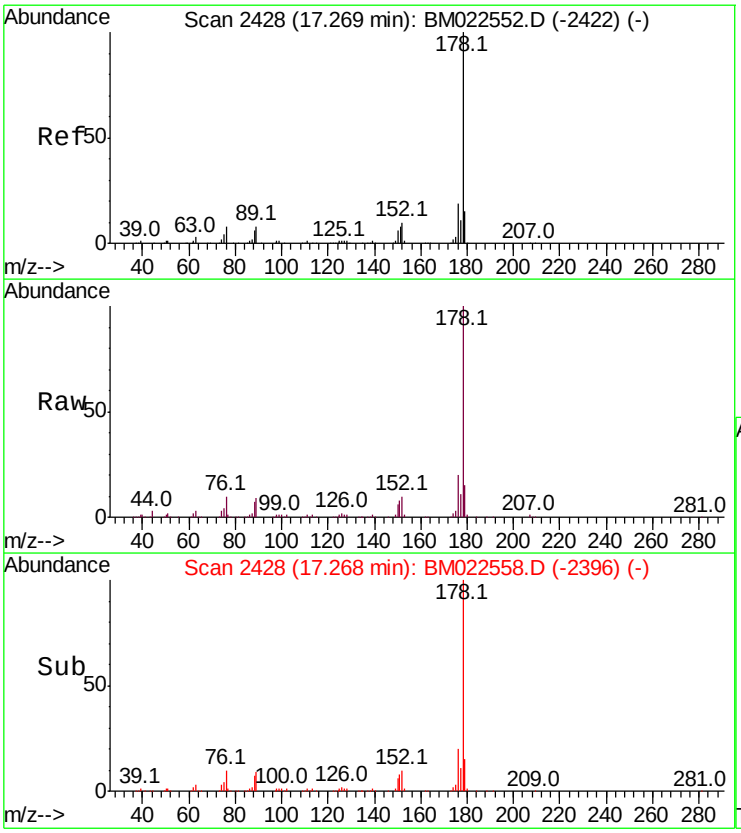
#69
Pentachlorophenol
Concen: 2.646 ng/ul
RT: 16.87 min Scan# 2361
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:266 Resp: 26568

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.8	76.2
268	64.1	50.9	76.3

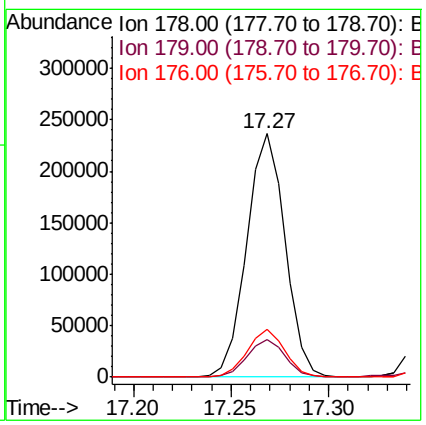


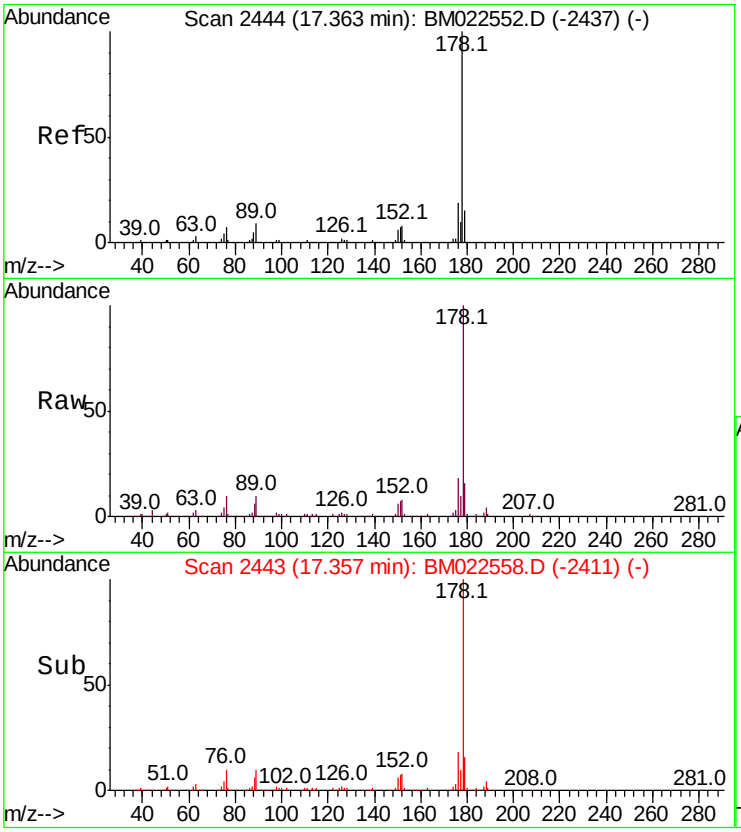


#70
Phenanthrene
Concen: 3.979 ng/ul
RT: 17.27 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:178 Resp: 321979

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.0	18.0
176	19.6	15.4	23.0



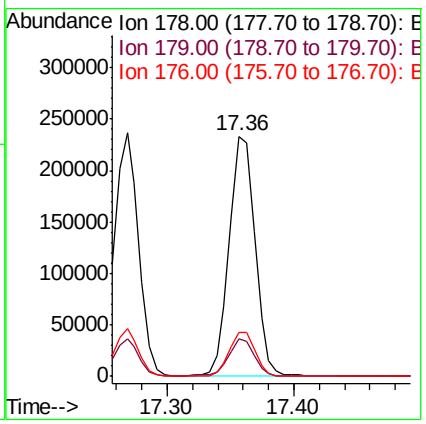


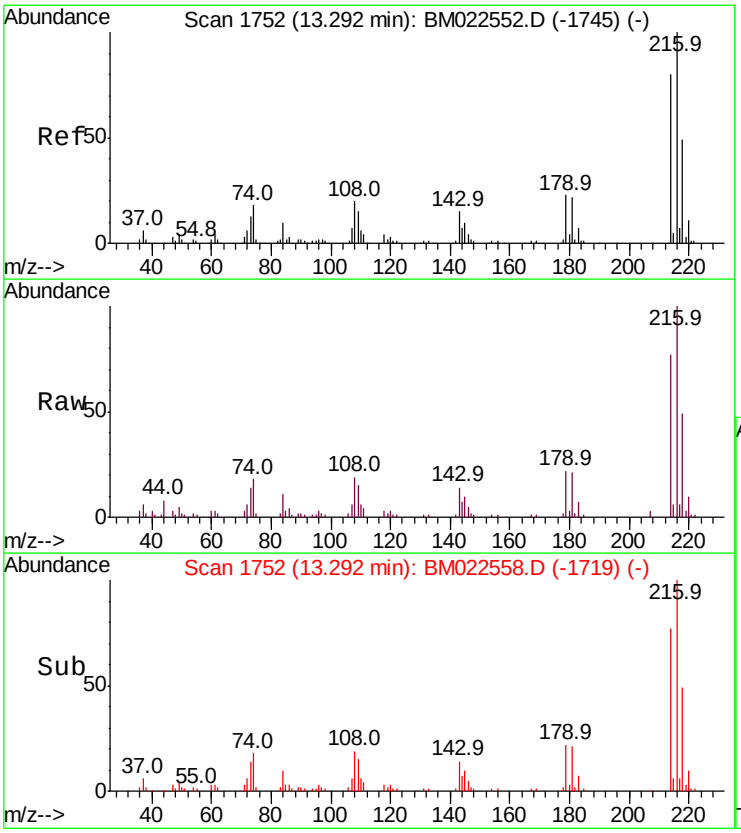
#72
Anthracene
Concen: 3.972 ng/ul
RT: 17.36 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:178 Resp: 330207

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.2	14.7	22.1

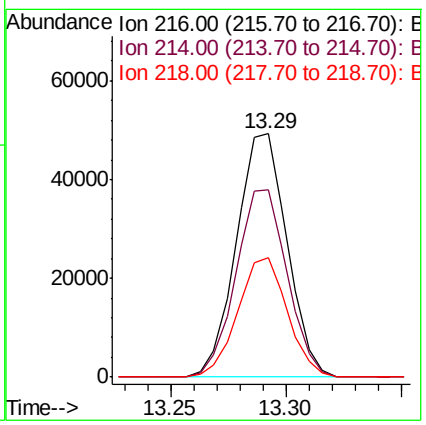


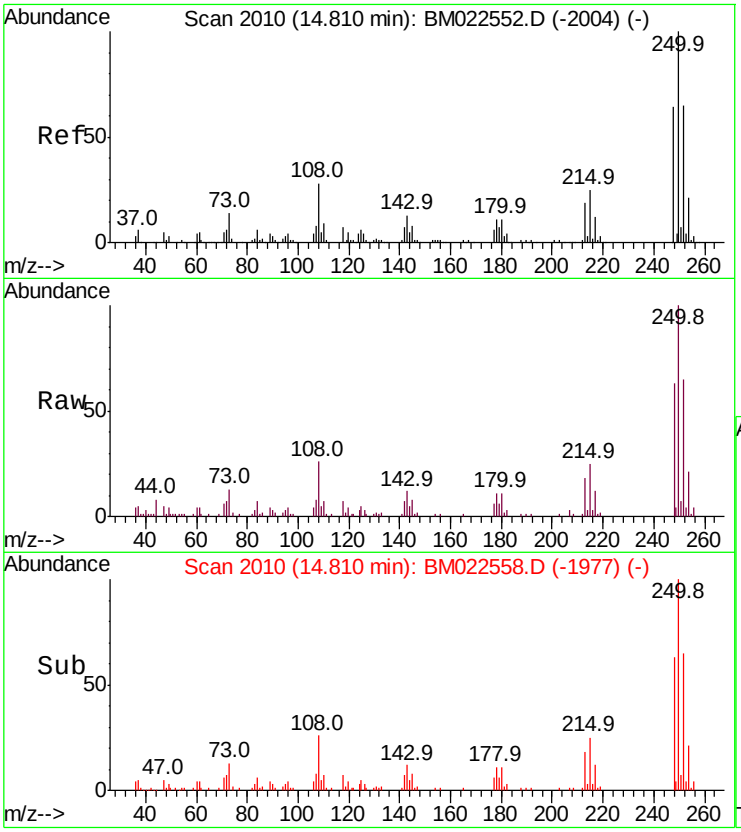


#73
1,2,3,4-Tetrachlorobenzene
Concen: 3.669 ng/uL
RT: 13.29 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:216 Resp: 75501

Ion	Ratio	Lower	Upper
216	100		
214	76.9	62.5	93.7
218	49.0	38.2	57.4



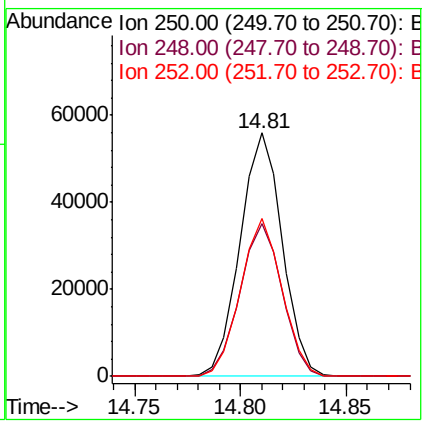


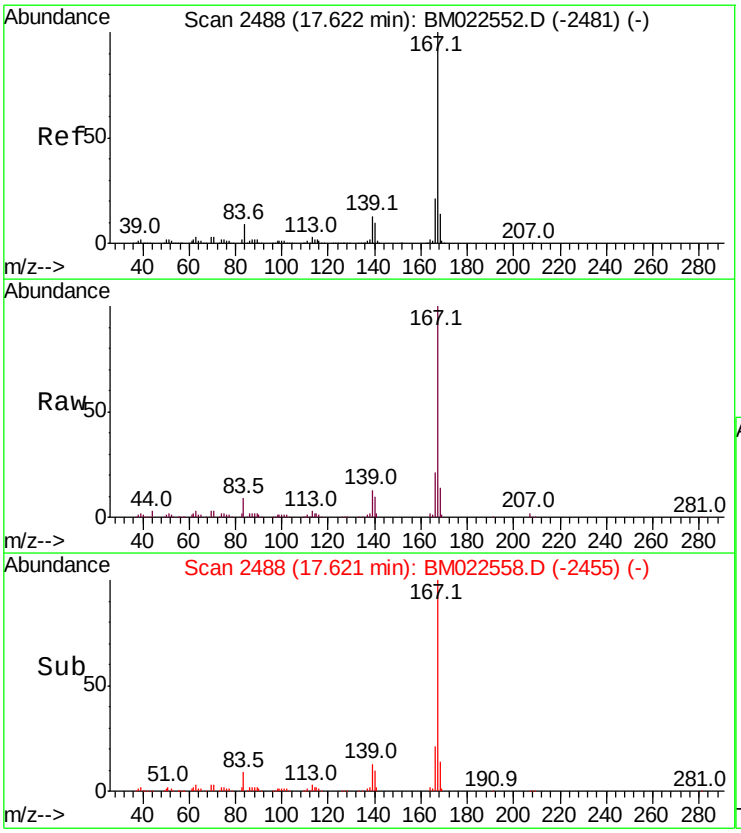
#74
Pentachlorobenzene
Concen: 3.740 ng/uL
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:250 Resp: 77572

Ion	Ratio	Lower	Upper
250	100		
248	63.0	51.3	76.9
252	65.0	51.1	76.7

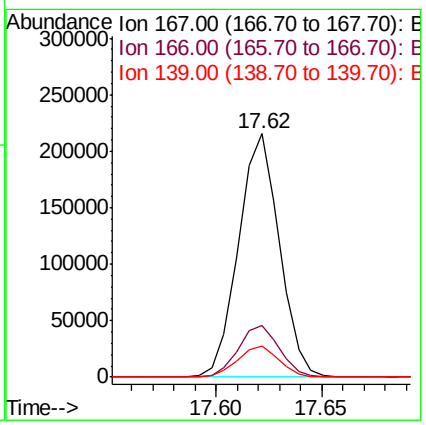


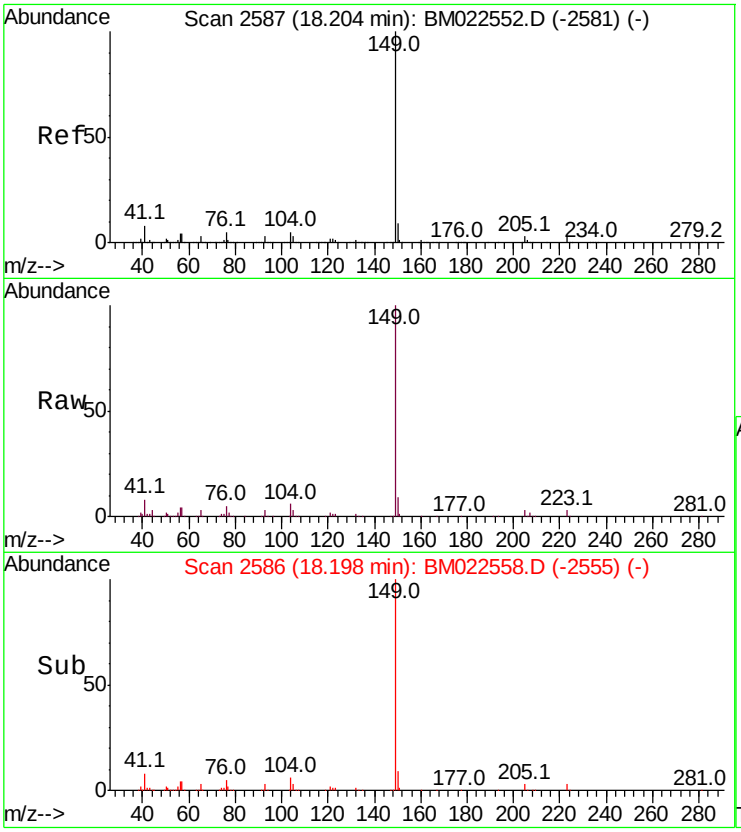


#75
Carbazole
Concen: 3.869 ng/ul
RT: 17.62 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:167 Resp: 289056

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.0
139	12.9	10.6	15.8



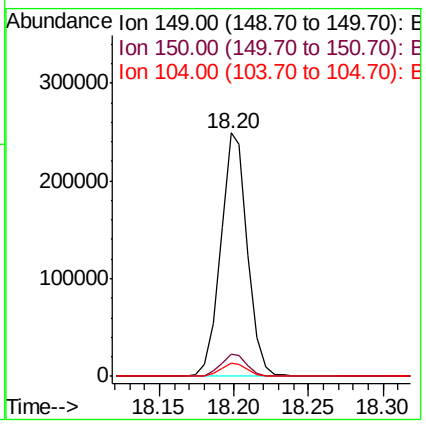


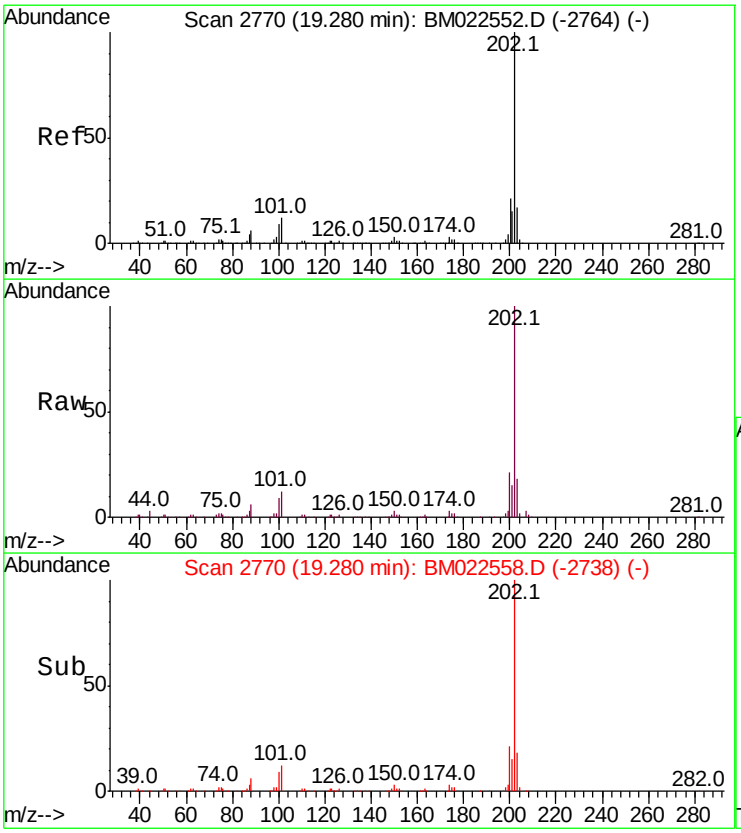
#76
Di-n-butylphthalate
Concen: 3.301 ng/ul
RT: 18.20 min Scan# 2586
Delta R.T. -0.02 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:149 Resp: 312385

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	5.6	3.9	5.9

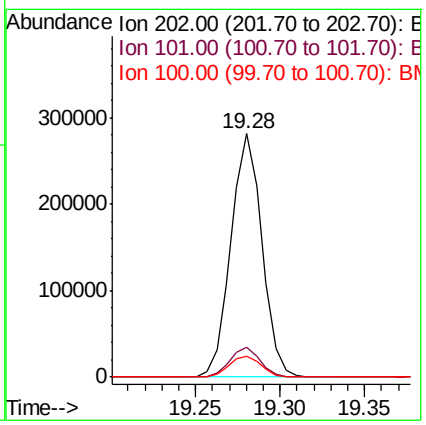


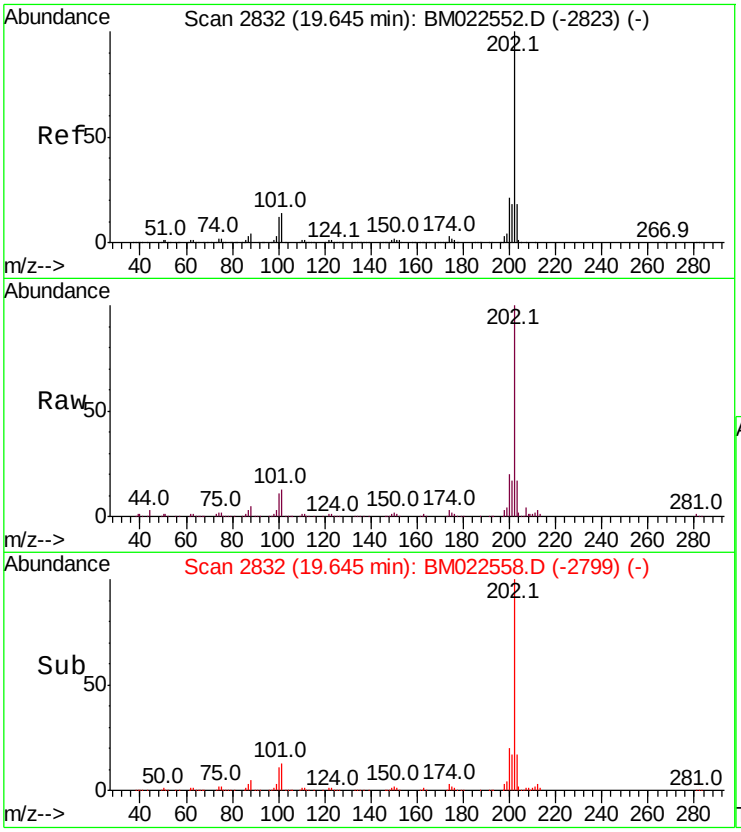


#77
Fluoranthene
Concen: 3.917 ng/ul
RT: 19.28 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:202 Resp: 359745

Ion	Ratio	Lower	Upper
202	100		
101	12.2	8.8	13.2
100	8.7	6.3	9.5



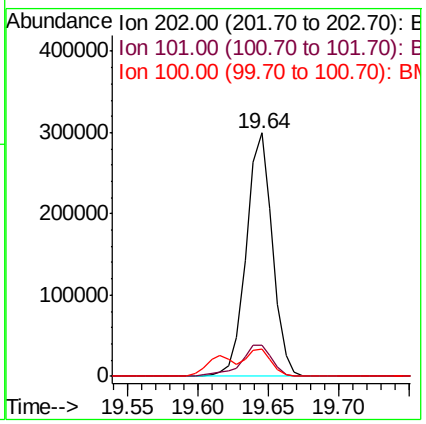


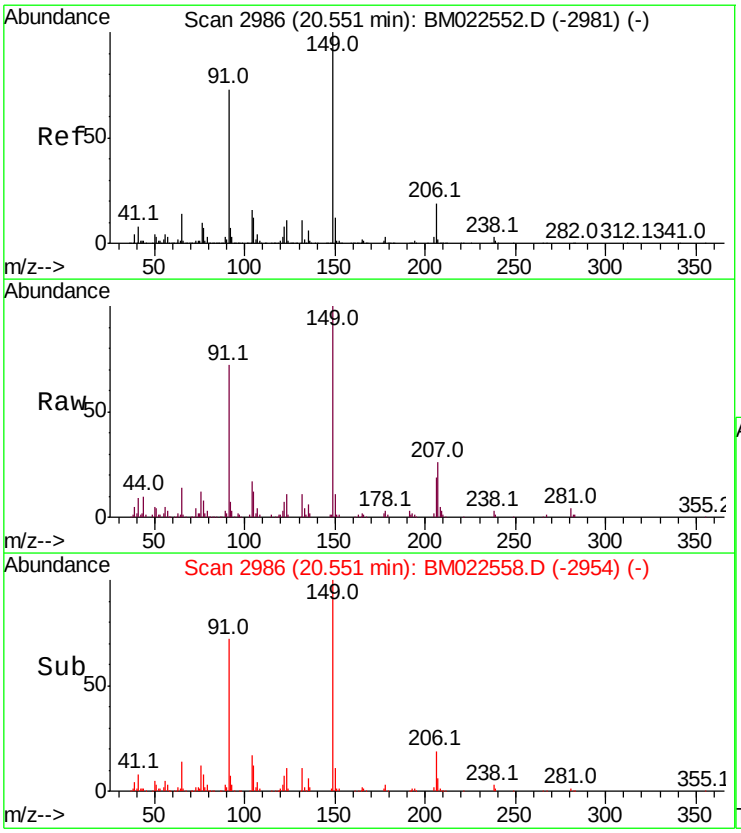
#80
Pyrene
Concen: 3.978 ng/ul
RT: 19.64 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:202 Resp: 389598

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.6	16.0
100	11.3	8.6	13.0

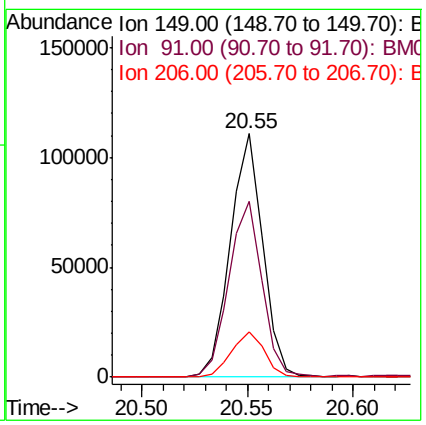


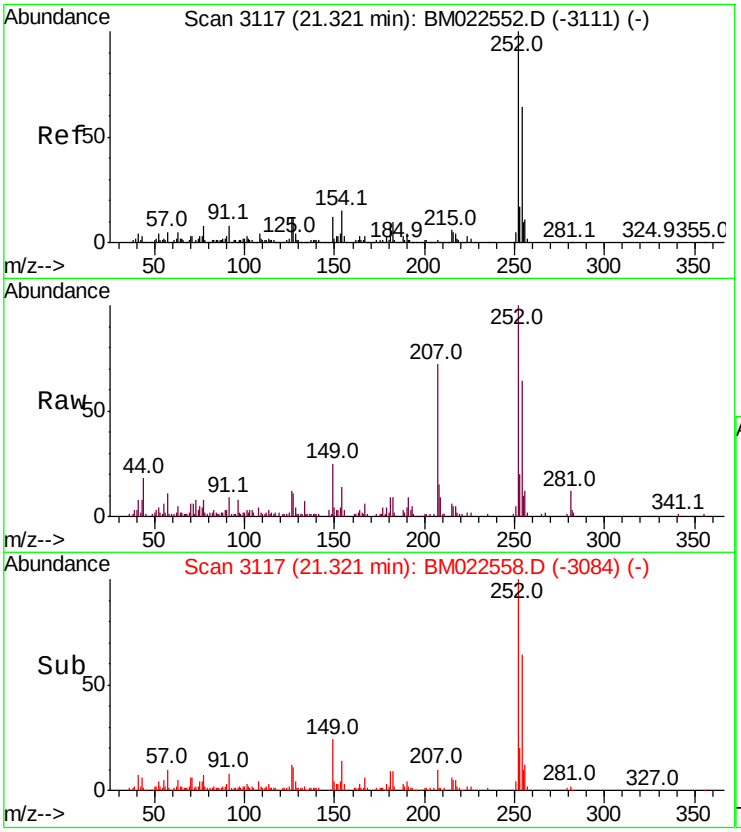


#81
Butylbenzylphthalate
Concen: 2.838 ng/ul
RT: 20.55 min Scan# 2986
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:149 Resp: 117174

Ion	Ratio	Lower	Upper
149	100		
91	72.3	55.4	83.0
206	18.7	17.0	25.4



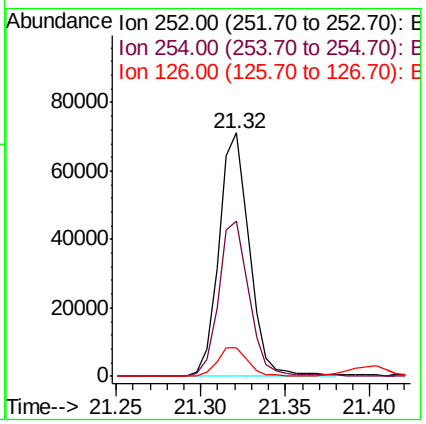


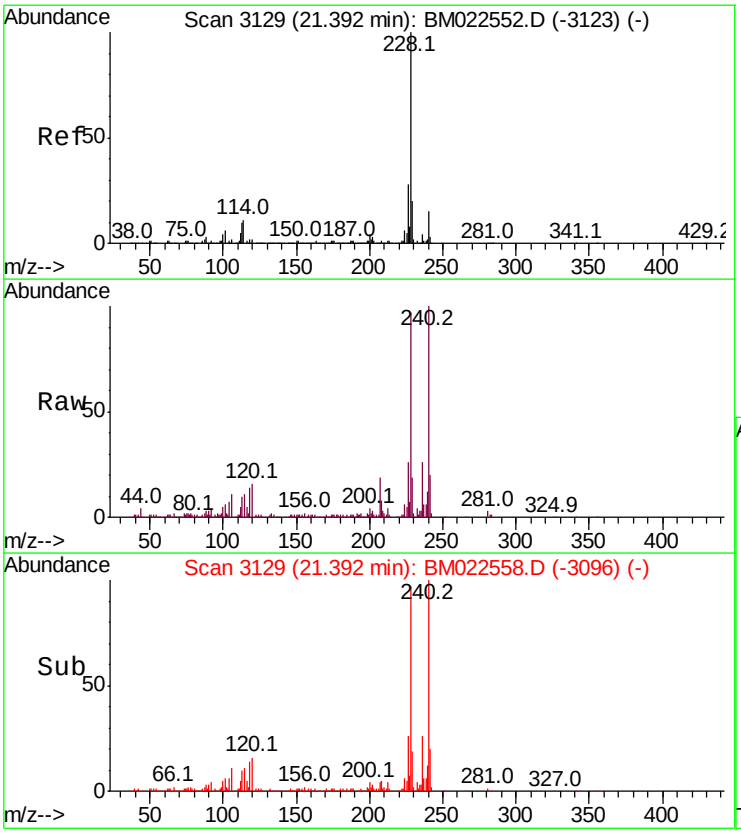
#82
3,3'-Dichlorobenzidine
Concen: 2.595 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:252 Resp: 89285

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.2	76.8
126	11.5	8.6	13.0

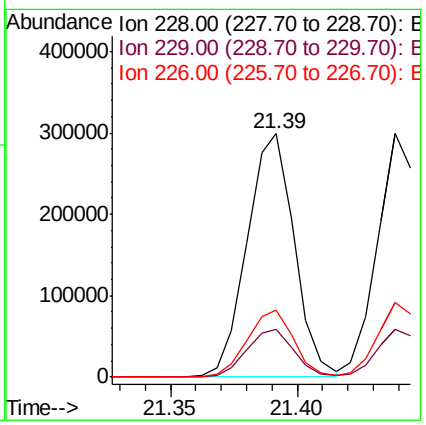


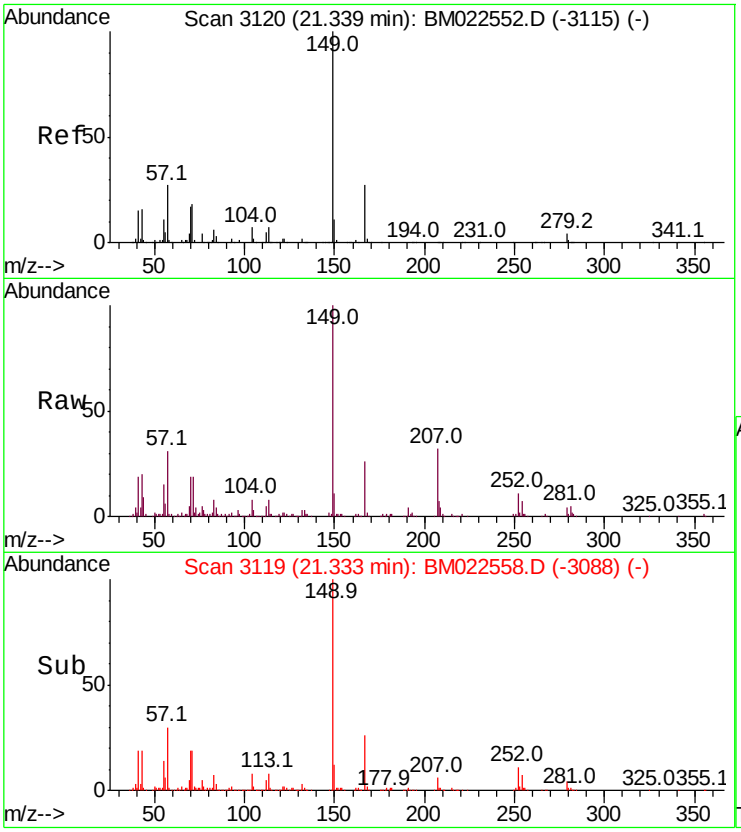


#83
Benzo(a)anthracene
Concen: 3.867 ng/ul
RT: 21.39 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:228 Resp: 388128

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.7	23.5
226	27.4	22.2	33.2



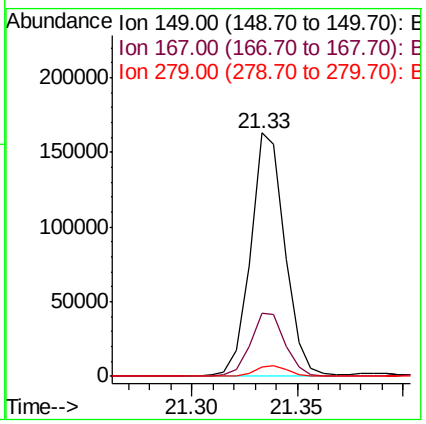


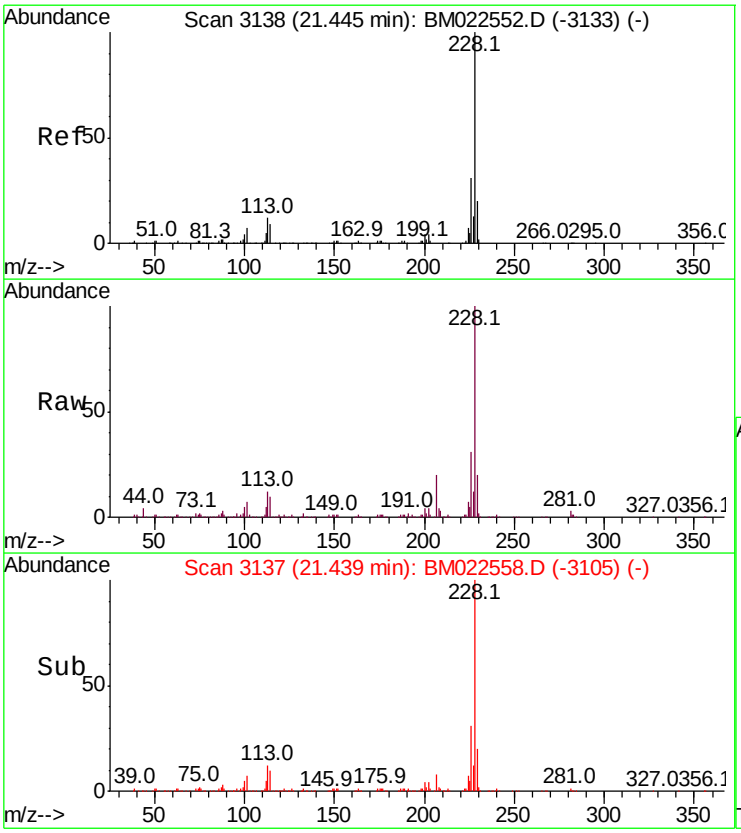
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.922 ng/ul
RT: 21.33 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:149 Resp: 183059

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.7	32.5
279	3.7	3.5	5.3

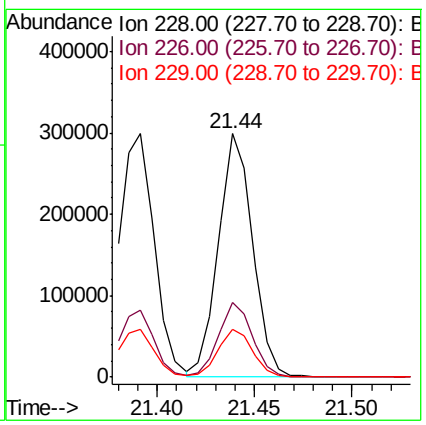


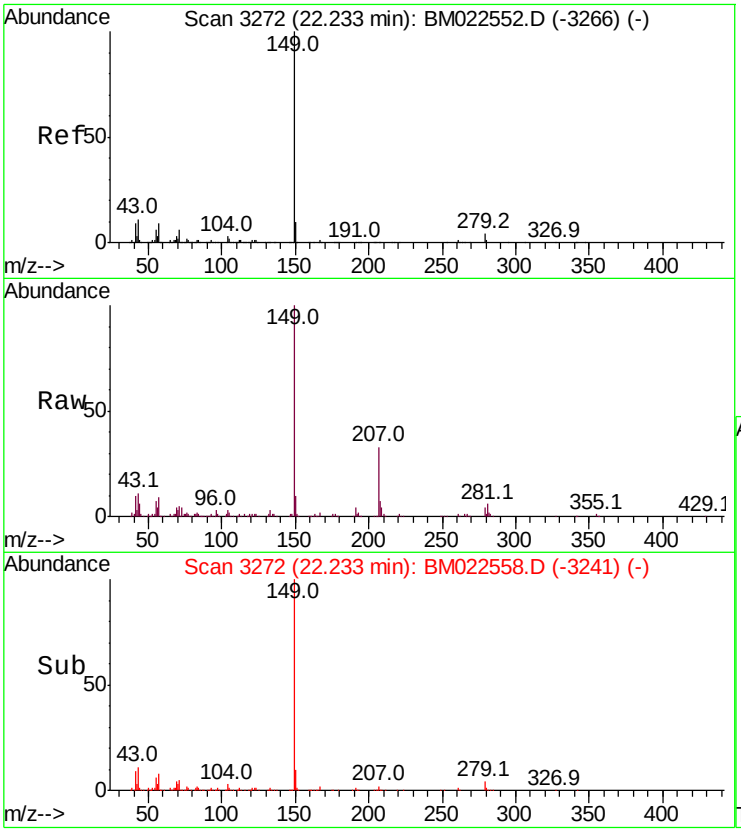


#85
Chrysene
Concen: 3.950 ng/ul
RT: 21.44 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:228 Resp: 364908

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.4
229	19.6	15.8	23.6

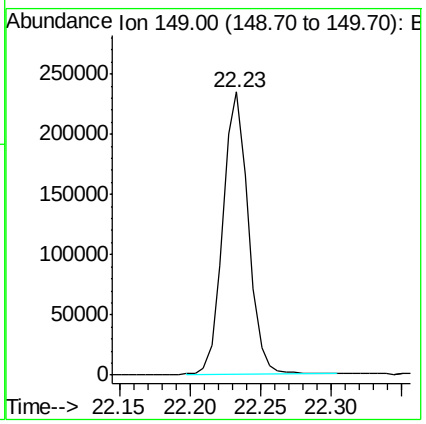


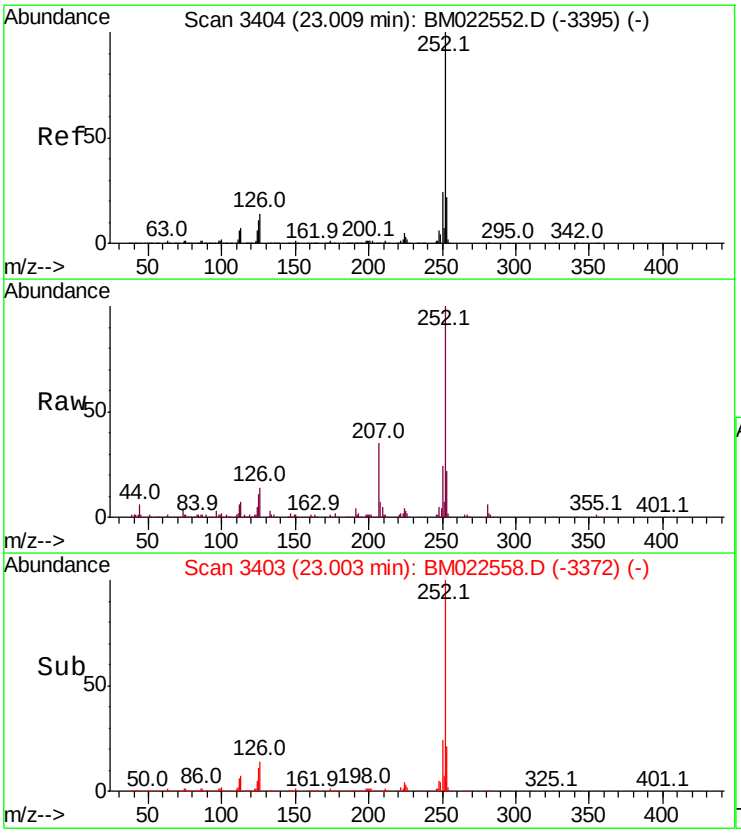


#87
Di-n-octyl phthalate
Concen: 2.554 ng/ul
RT: 22.23 min Scan# 3272
Delta R.T. -0.02 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:149 Resp: 291048

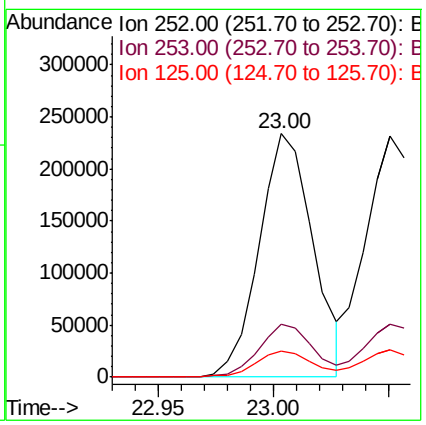


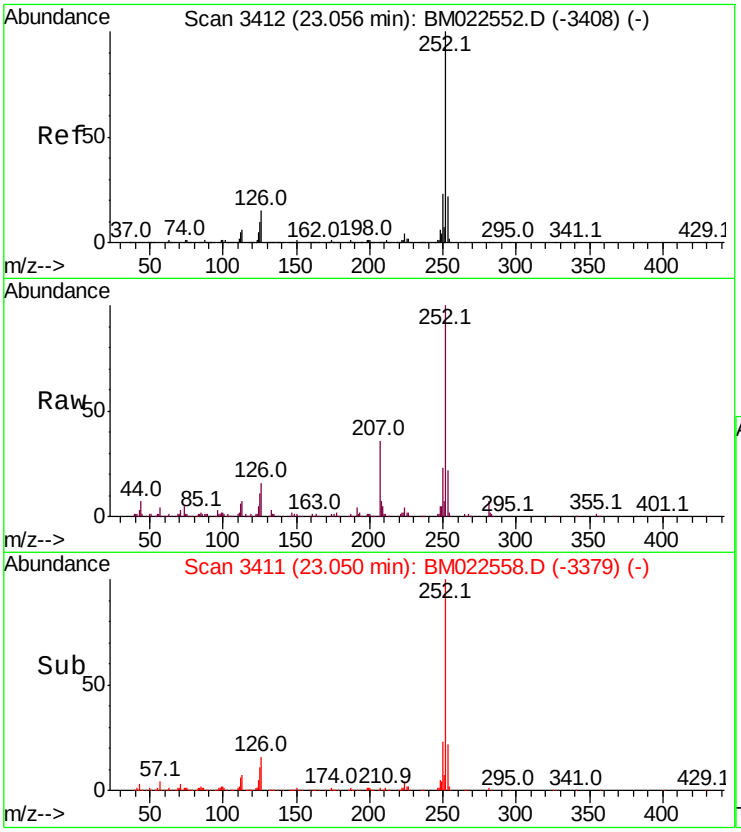


#88
Benzo(b)fluoranthene
Concen: 3.629 ng/ul
RT: 23.00 min Scan# 3403
Delta R.T. -0.02 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:252 Resp: 380144

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	10.9	8.0	12.0



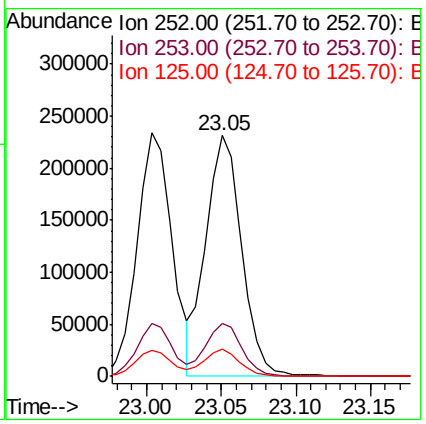


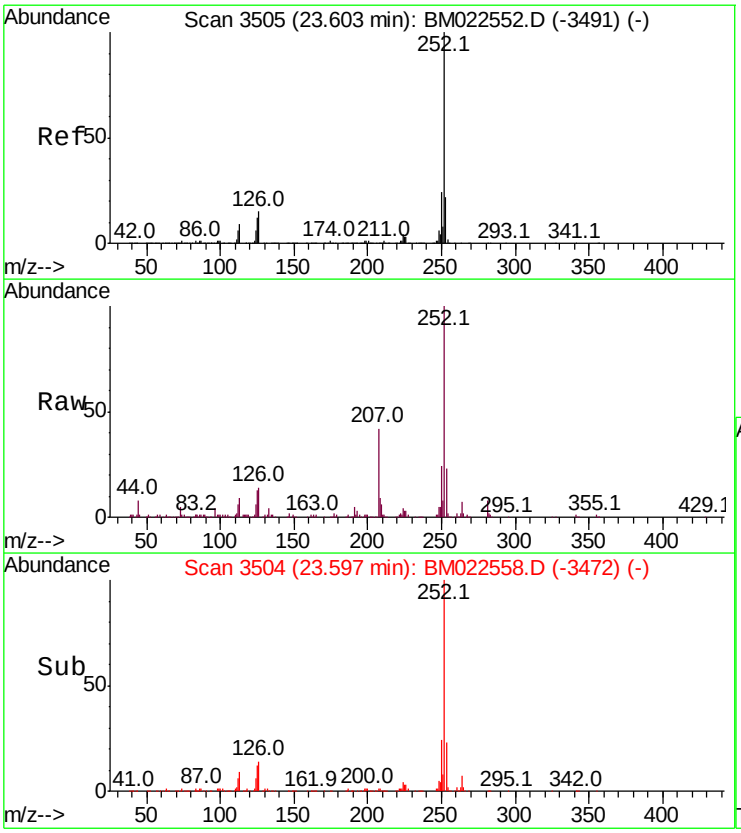
#89
Benzo(k)fluoranthene
Concen: 3.794 ng/ul
RT: 23.05 min Scan# 3411
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:252 Resp: 386208

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	11.3	8.2	12.2

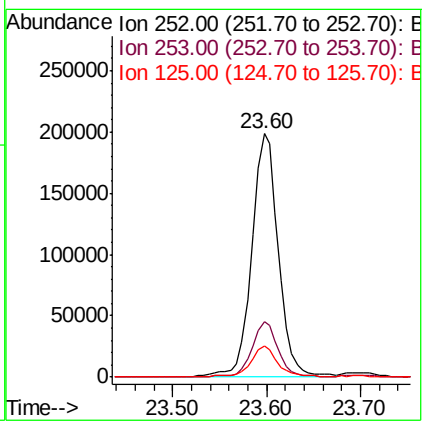


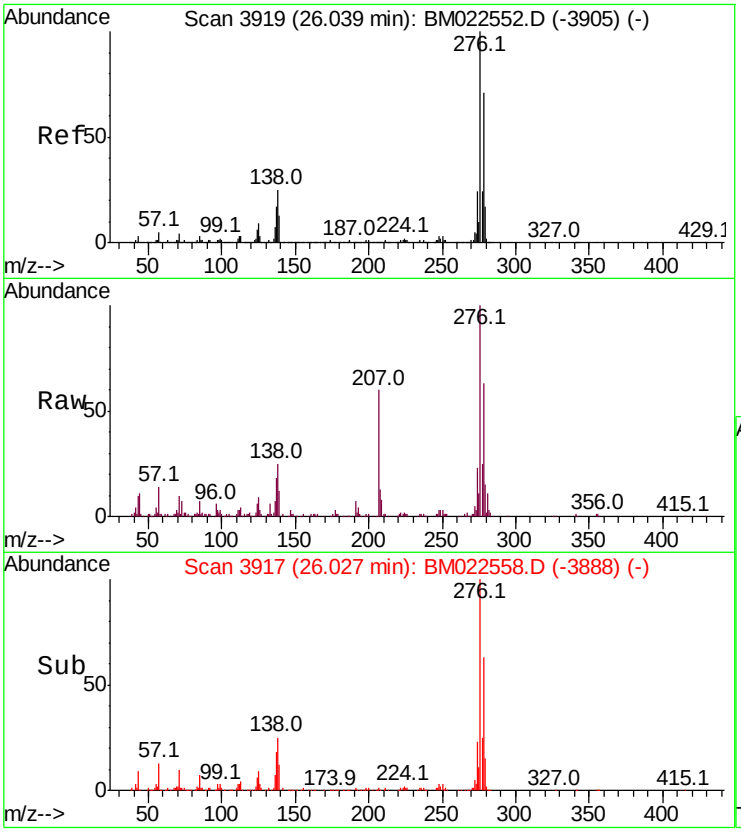


#91
Benzo(a)pyrene
Concen: 3.883 ng/ul
RT: 23.60 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:252 Resp: 388057

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	12.5	8.9	13.3



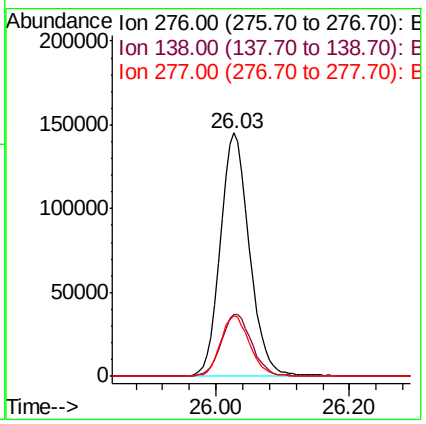


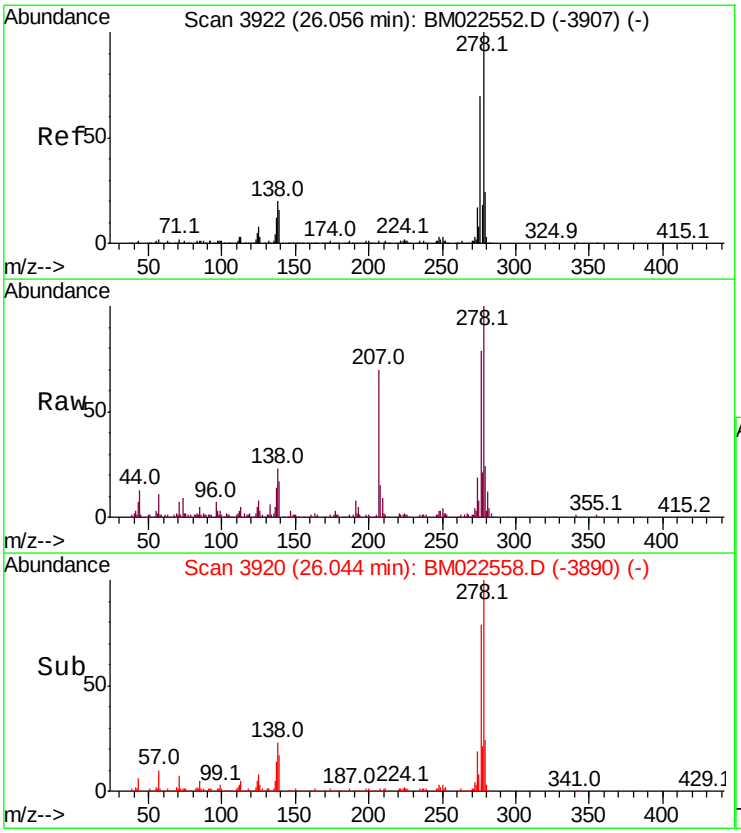
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.860 ng/ul
RT: 26.03 min Scan# 3917
Delta R.T. -0.03 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:276 Resp: 445602

Ion	Ratio	Lower	Upper
276	100		
138	25.4	19.2	28.8
277	24.8	19.8	29.8

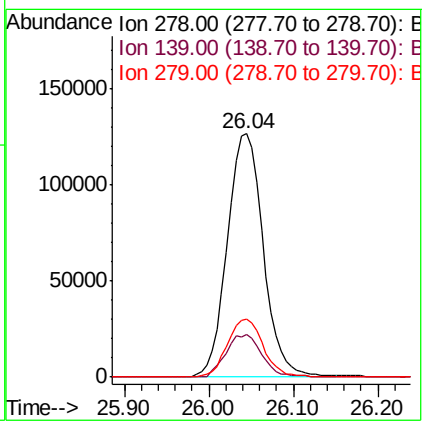


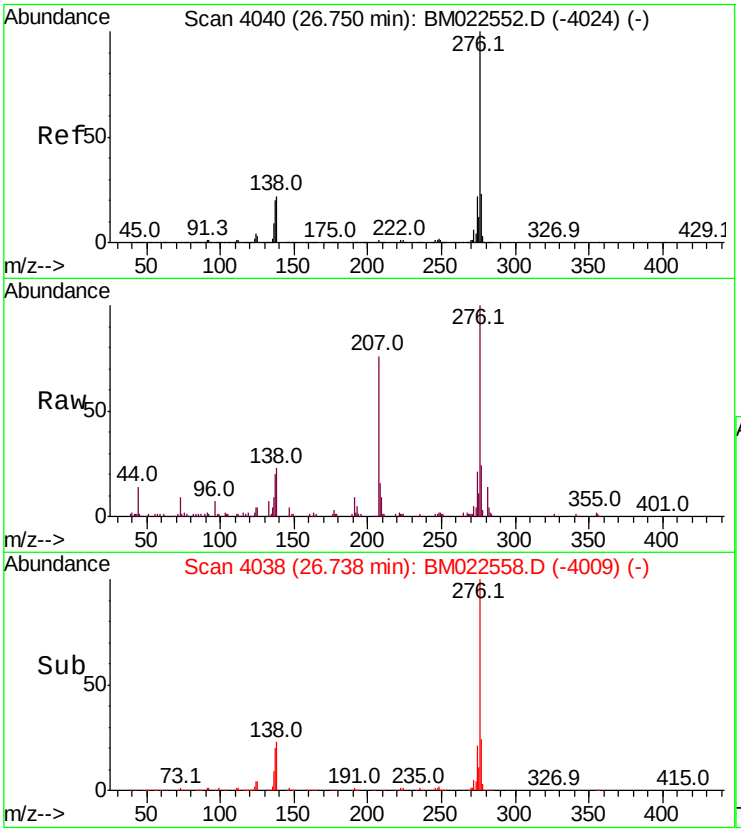


#93
Dibenzo(a,h)anthracene
Concen: 3.897 ng/ul
RT: 26.04 min Scan# 3920
Delta R.T. -0.02 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Tgt Ion:278 Resp: 374418

Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.3	19.9
279	24.0	19.2	28.8



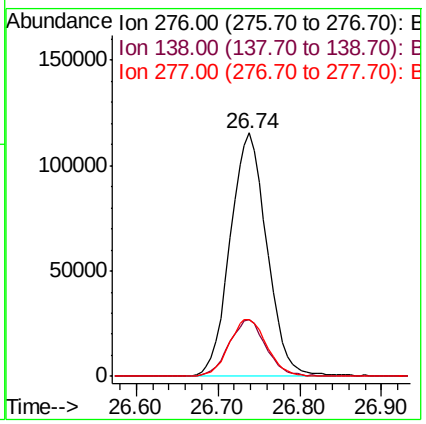


#94
Benzo(g,h,i)perylene
Concen: 3.807 ng/ul
RT: 26.74 min Scan# 4038
Delta R.T. -0.03 min
Lab File: BM022558.D
Acq: 06 Sep 2019 18:45

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Tgt Ion:276 Resp: 361061

Ion	Ratio	Lower	Upper
276	100		
138	23.1	17.0	25.6
277	23.5	18.8	28.2



Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022558.D
Acq On : 06 Sep 2019 18:45
Operator : HP/JU
Sample : MDL-W-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-W-05

Quant Time: Sep 06 23:20:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 05 19:43:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	217354	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	986054	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.49	164	628011	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1321678	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	1353150	20.00	ng/ul	-0.01
86) Perylene-d12	23.70	264	1592062	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	9645	1.85	ng/uL	0.00
5) Phenol-d5	7.01	99	569086	28.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	353905	30.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	452468	28.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	460054	28.22	ng/ul	-0.01
19) Nitrobenzene-d5	9.01	128	217509	30.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	198306	30.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	436368	26.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	666024	30.27	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	1527204	30.01	ng/ul	-0.01
47) Acenaphthylene-d8	14.18	160	1885540	30.94	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.66	143	254034	29.23	ng/ul	0.00
58) Fluorene-d10	15.48	176	1277945	29.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	150025	24.97	ng/ul	-0.01
71) Anthracene-d10	17.33	188	2014006	29.75	ng/ul	0.00
79) Pyrene-d10	19.62	212	2197559	29.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	2425938	28.35	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	9203	1.754	ng/uL	95
4) Benzaldehyde	7.00	77	34539	3.299	ng/ul	96
6) Phenol	7.04	94	79790	3.809	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.28	93	63918	4.017	ng/ul	98
10) 2-Chlorophenol	7.42	128	63949	3.842	ng/ul	95
11) 2-Methylphenol	8.29	108	57894	3.541	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.39	45	100060	4.276	ng/ul	98
14) Acetophenone	8.67	105	107254	4.217	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.66	70	53912	3.924	ng/ul	97
16) 4-Methylphenol	8.62	108	65709	3.722	ng/ul	97
17) Hexachloroethane	8.95	117	25802	3.913	ng/ul	95
20) Nitrobenzene	9.05	77	74736	4.199	ng/ul	99
21) Isophorone	9.58	82	147696	3.703	ng/ul	100
23) 2-Nitrophenol	9.76	139	30792	3.955	ng/ul	96
24) 2,4-Dimethylphenol	9.82	107	72358	3.707	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.06	93	90884	3.886	ng/ul	99
27) 2,4-Dichlorophenol	10.29	162	59568	3.623	ng/ul	89
28) Naphthalene	10.70	128	216882	3.967	ng/ul	100
30) 4-Chloroaniline	10.80	127	88542	3.918	ng/ul	96
31) Hexachlorobutadiene	11.00	225	36797	3.632	ng/ul	96
32) Caprolactam	11.59	113	17712	2.894	ng/ul	93
33) 4-Chloro-3-methylphenol	11.92	107	63625	3.506	ng/ul	100
34) 2-Methylnaphthalene	12.32	142	158456	3.847	ng/ul	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022558.D
Acq On : 06 Sep 2019 18:45
Operator : HP/JU
Sample : MDL-W-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-W-05

Quant Time: Sep 06 23:20:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 05 19:43:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.53	142	152189	3.867	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.68	216	75956	3.748	ng/ul	98
38) Hexachlorocyclopentadiene	12.67	237	38117	3.051	ng/ul	95
39) 2,4,6-Trichlorophenol	12.92	196	41026	3.234	ng/ul	98
40) 2,4,5-Trichlorophenol	12.99	196	47711	3.469	ng/ul	99
41) 1,1'-Biphenyl	13.33	154	208028	3.978	ng/ul	99
42) 2-Chloronaphthalene	13.36	162	157362	3.974	ng/ul	99
43) 2-Nitroaniline	13.56	65	35450	3.835	ng/ul	93
45) Dimethylphthalate	13.95	163	207090	4.009	ng/ul	99
46) 2,6-Dinitrotoluene	14.05	165	28526	3.392	ng/ul	90
48) Acenaphthylene	14.21	152	251565	3.980	ng/ul	99
49) 3-Nitroaniline	14.37	138	28029	3.074	ng/ul	96
50) Acenaphthene	14.55	153	174776	3.991	ng/ul	98
51) 2,4-Dinitrophenol	14.58	184	10375	2.689	ng/ul#	83
53) 4-Nitrophenol	14.67	109	29526	4.227	ng/ul#	87
54) Dibenzofuran	14.89	168	244283	4.019	ng/ul	97
55) 2,4-Dinitrotoluene	14.84	165	45558	3.698	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.11	232	36617	3.205	ng/ul	97
57) Diethylphthalate	15.31	149	204339	3.823	ng/ul	99
59) Fluorene	15.53	166	202363	4.047	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.53	204	96902	3.916	ng/ul	99
61) 4-Nitroaniline	15.53	138	32499	3.127	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.60	198	23153	3.331	ng/ul#	76
65) N-Nitrosodiphenylamine	15.74	169	173533	3.848	ng/ul	98
66) 4-Bromophenyl-phenylether	16.42	248	59710	3.616	ng/ul	97
67) Hexachlorobenzene	16.54	284	68591	3.769	ng/ul	98
68) Atrazine	16.69	200	54224	3.127	ng/ul	99
69) Pentachlorophenol	16.87	266	26568	2.646	ng/ul	99
70) Phenanthrene	17.27	178	321979	3.979	ng/ul	99
72) Anthracene	17.36	178	330207	3.972	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	75501	3.669	ng/uL	98
74) Pentachlorobenzene	14.81	250	77572	3.740	ng/uL	99
75) Carbazole	17.62	167	289056	3.869	ng/ul	99
76) Di-n-butylphthalate	18.20	149	312385	3.301	ng/ul	99
77) Fluoranthene	19.28	202	359745	3.917	ng/ul	97
80) Pyrene	19.64	202	389598	3.978	ng/ul	99
81) Butylbenzylphthalate	20.55	149	117174	2.838	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.32	252	89285	2.595	ng/ul	99
83) Benzo(a)anthracene	21.39	228	388128	3.867	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.33	149	183059	2.922	ng/ul	98
85) Chrysene	21.44	228	364908	3.950	ng/ul	99
87) Di-n-octyl phthalate	22.23	149	291048	2.554	ng/ul	100
88) Benzo(b)fluoranthene	23.00	252	380144	3.629	ng/ul	98
89) Benzo(k)fluoranthene	23.05	252	386208	3.794	ng/ul	99
91) Benzo(a)pyrene	23.60	252	388057	3.883	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	26.03	276	445602	3.860	ng/ul	99
93) Dibenzo(a,h)anthracene	26.04	278	374418	3.897	ng/ul	99
94) Benzo(g,h,i)perylene	26.74	276	361061	3.807	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022558.D
Acq On : 06 Sep 2019 18:45
Operator : HP/JU
Sample : MDL-W-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Quant Time: Sep 06 23:20:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 05 19:43:58 2019
Response via : Initial Calibration

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

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