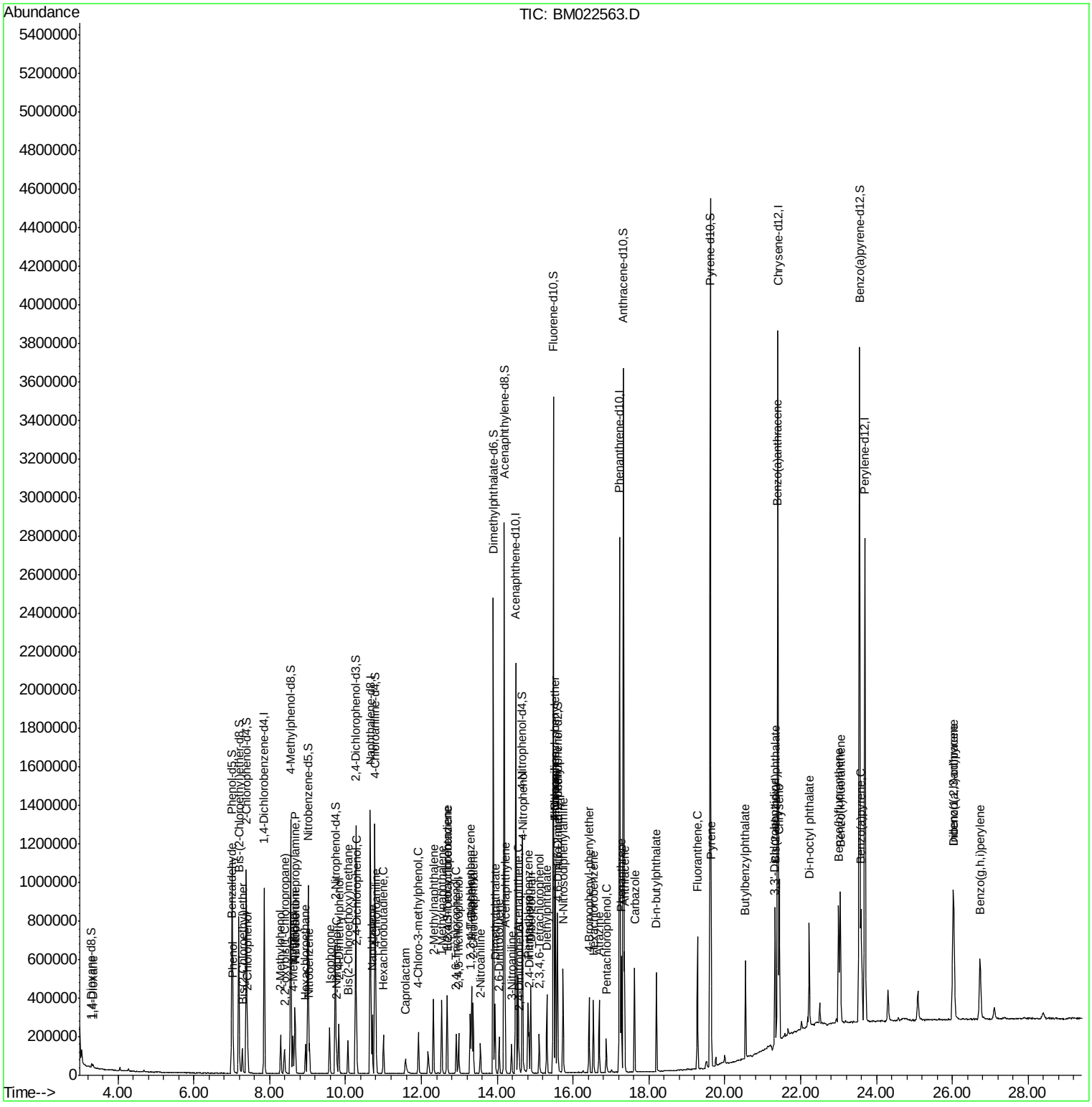
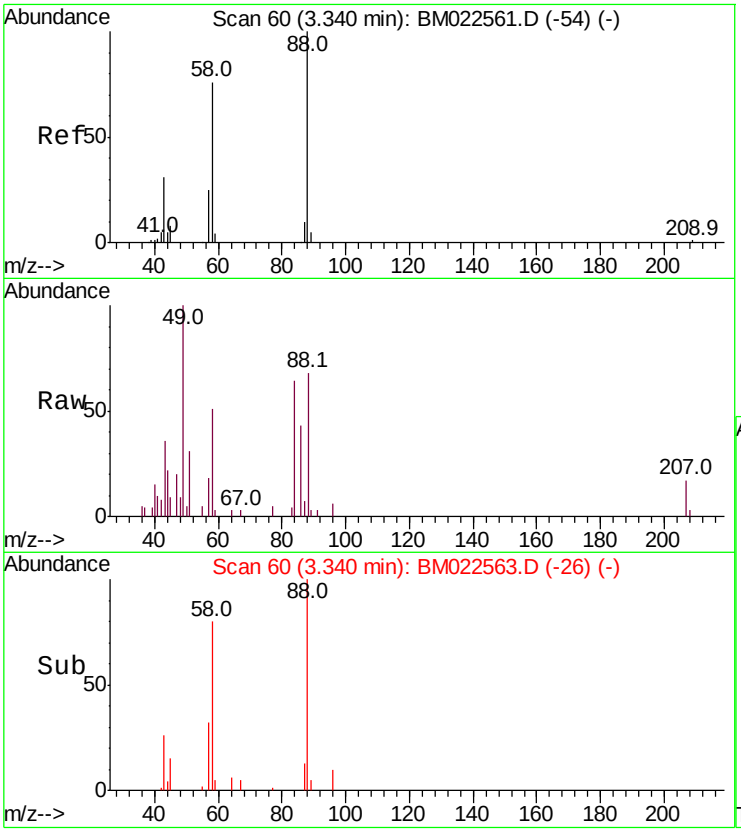
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022563.D
Acq On : 06 Sep 2019 21:49
Operator : HP/JU
Sample : MDL-S-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Quant Time: Sep 06 23:22:20 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



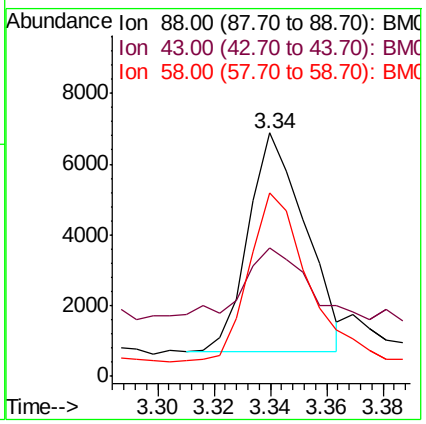


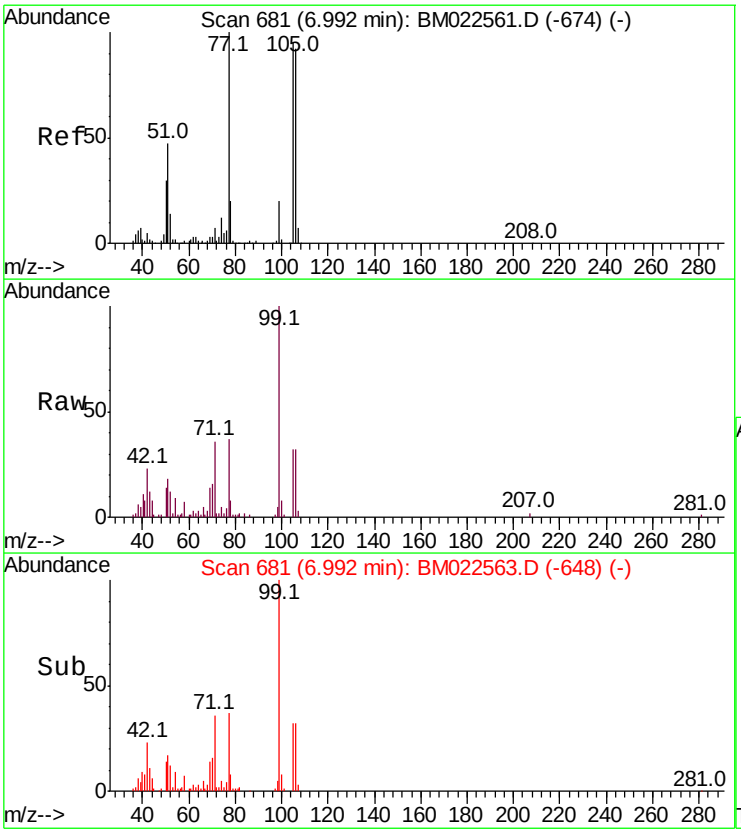
#2
1,4-Dioxane
Concen: 1.422 ng/uL
RT: 3.34 min Scan# 60
Delta R.T. 0.00 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion: 88 Resp: 8637

Ion	Ratio	Lower	Upper
88	100		
43	52.6	37.9	56.9
58	75.4	59.4	89.0

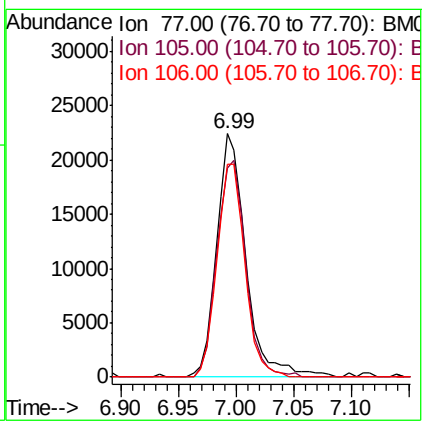


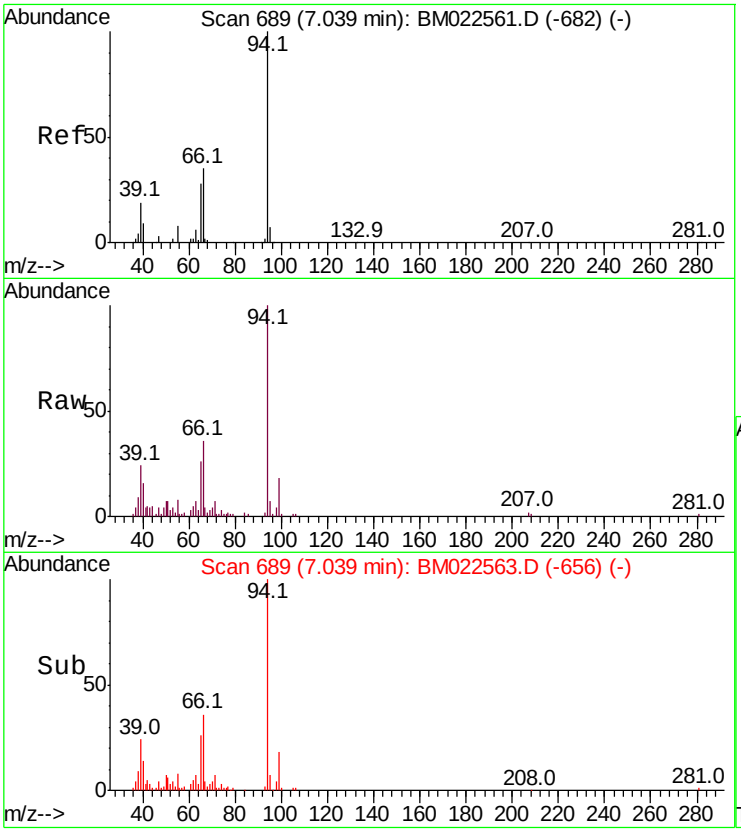


#4
Benzaldehyde
Concen: 3.254 ng/ul
RT: 6.99 min Scan# 681
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion: 77 Resp: 39424

Ion	Ratio	Lower	Upper
77	100		
105	85.7	79.0	118.6
106	87.2	75.1	112.7



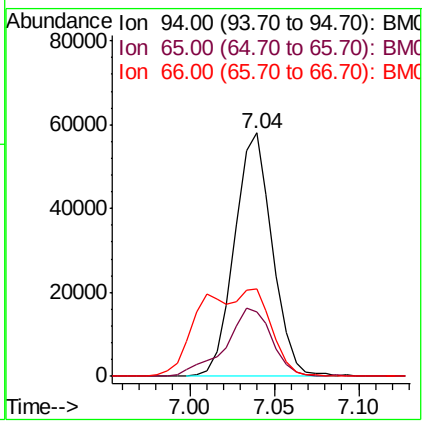


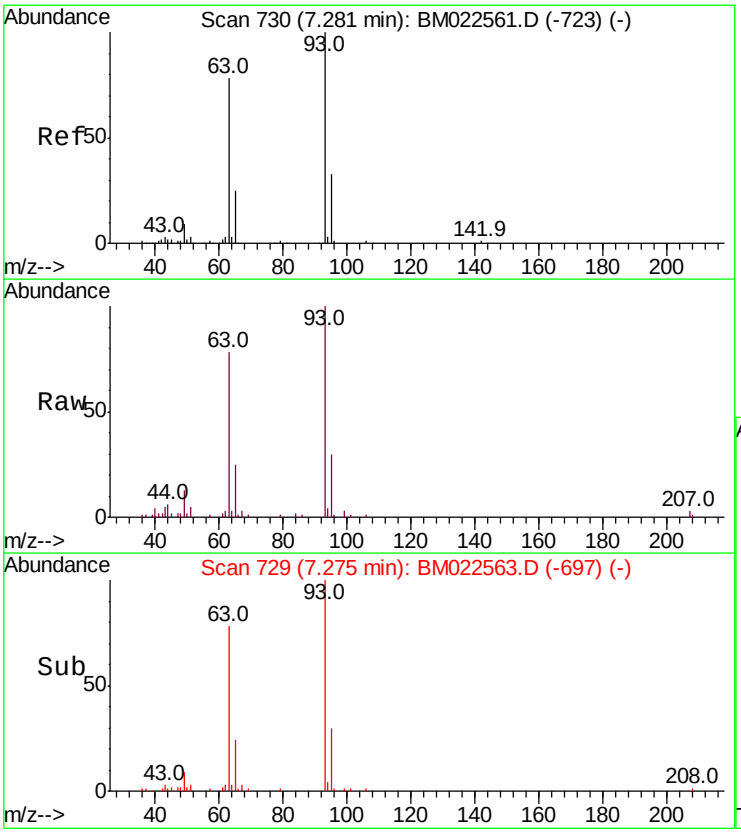
#6
Phenol
Concen: 3.722 ng/ul
RT: 7.04 min Scan# 689
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion: 94 Resp: 90234

Ion	Ratio	Lower	Upper
94	100		
65	26.4	22.8	34.2
66	35.7	29.1	43.7

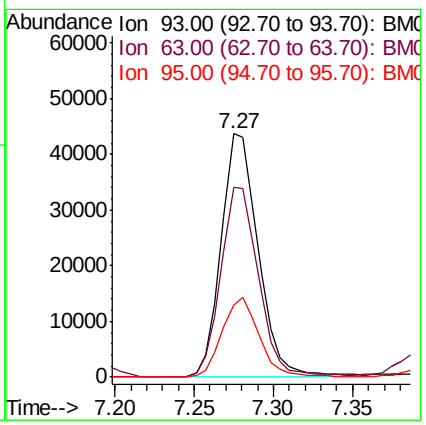


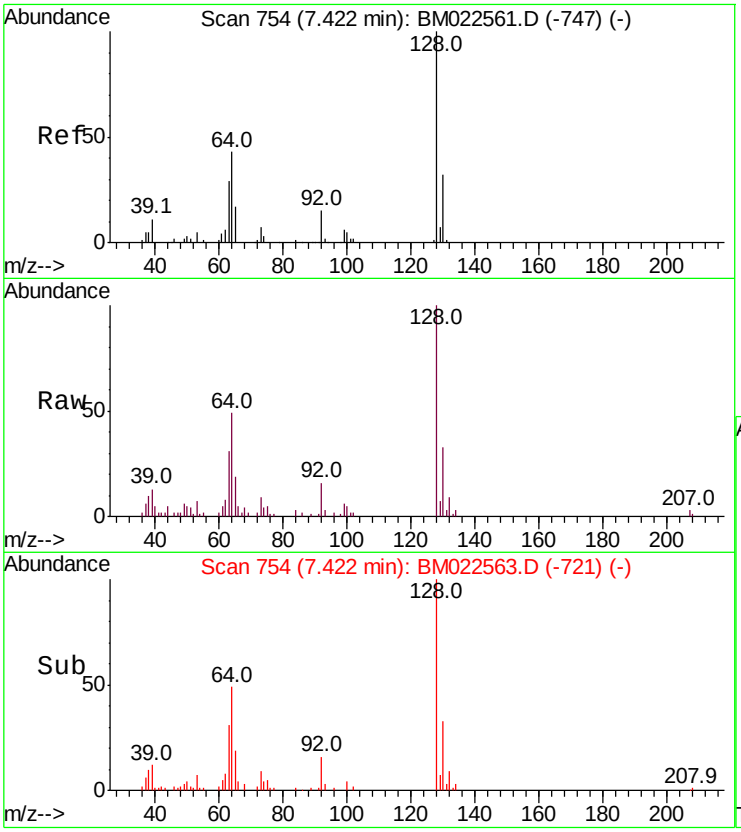


#8
Bis(2-Chloroethyl)ether
Concen: 3.854 ng/ul
RT: 7.27 min Scan# 729
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion: 93 Resp: 70965

Ion	Ratio	Lower	Upper
93	100		
63	77.8	62.2	93.2
95	29.7	26.6	39.8



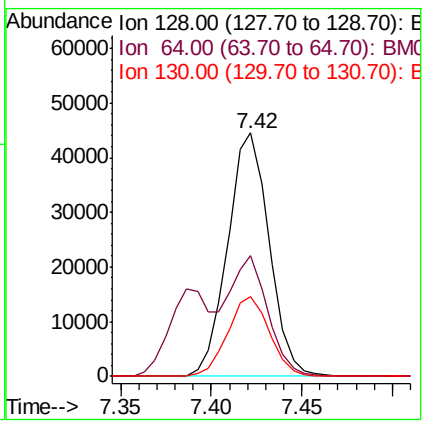


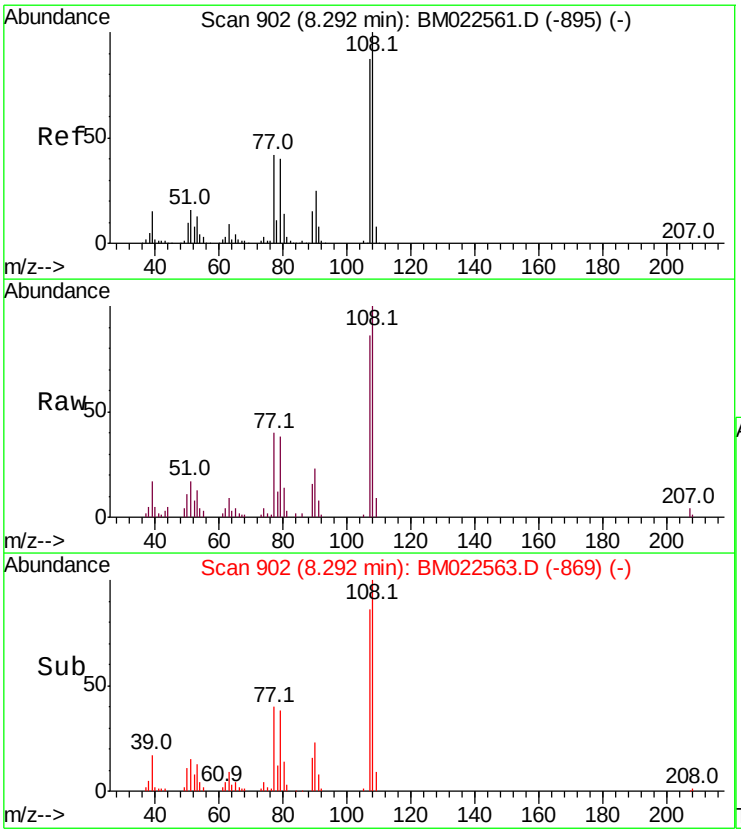
#10
2-Chlorophenol
Concen: 3.692 ng/ul
RT: 7.42 min Scan# 754
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:128 Resp: 71113

Ion	Ratio	Lower	Upper
128	100		
64	49.3	36.0	54.0
130	32.7	26.1	39.1

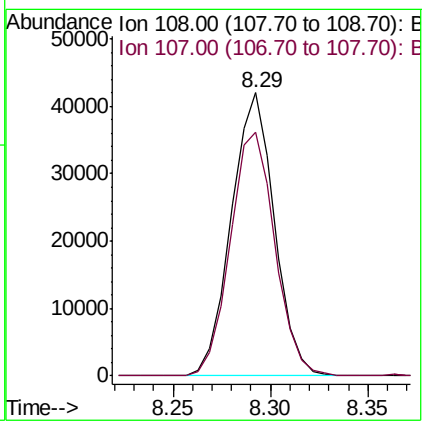


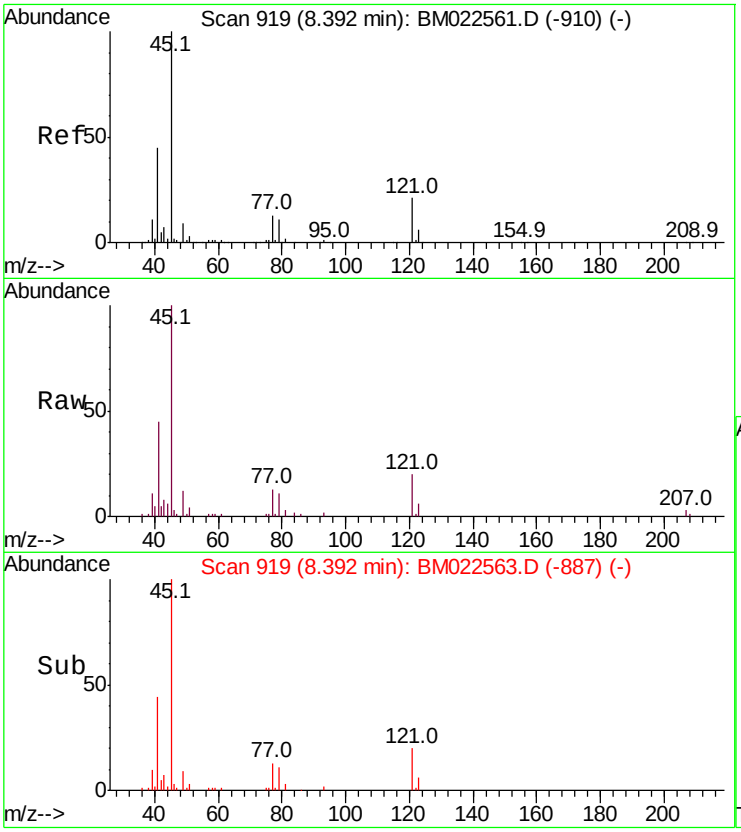


#11
2-Methylphenol
Concen: 3.391 ng/ul
RT: 8.29 min Scan# 902
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:108 Resp: 64167

Ion	Ratio	Lower	Upper
108	100		
107	86.0	70.7	106.1



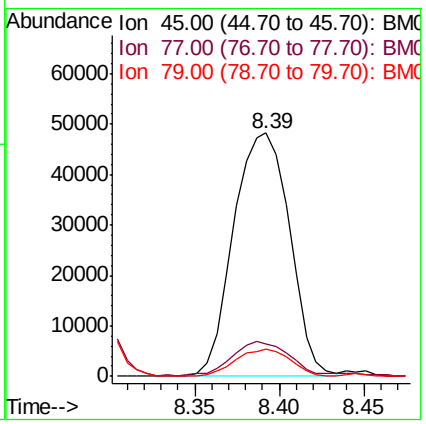


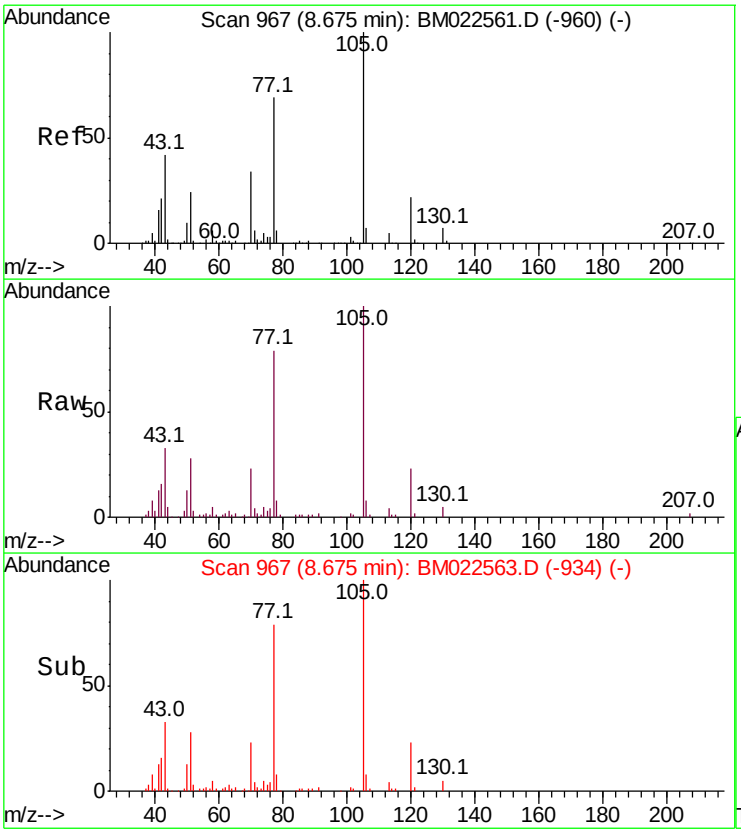
#12
2,2'-oxybis(1-Chloropropane)
Concen: 4.098 ng/ul
RT: 8.39 min Scan# 919
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion: 45 Resp: 110983

Ion	Ratio	Lower	Upper
45	100		
77	13.3	11.6	17.4
79	11.2	9.0	13.6

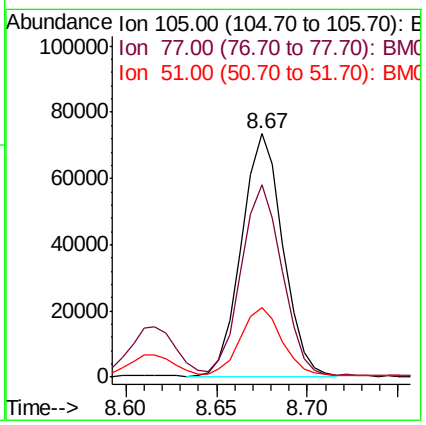


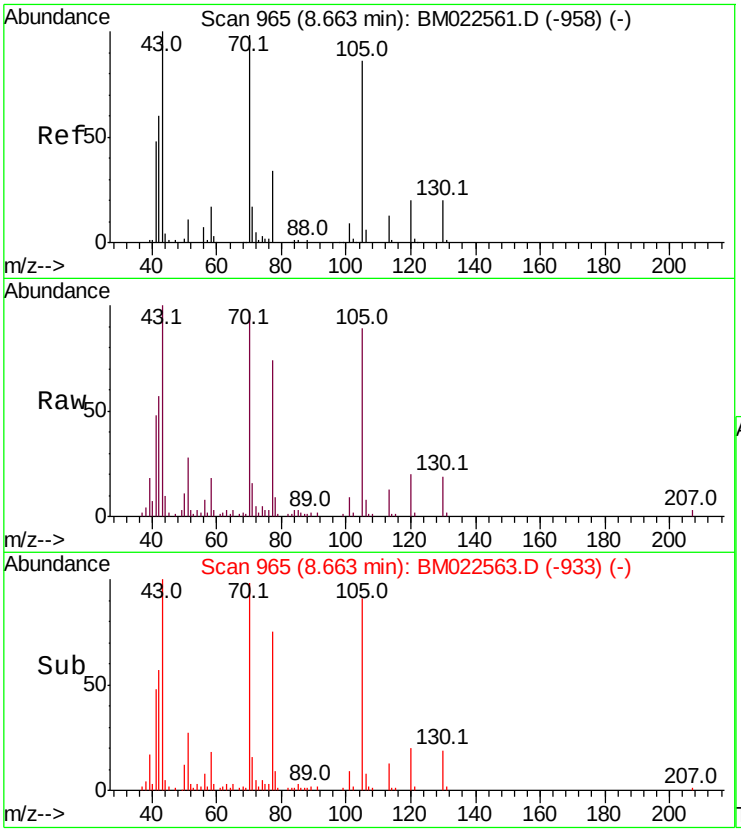


#14
Acetophenone
Concen: 3.979 ng/ul
RT: 8.67 min Scan# 967
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:105 Resp: 117113

Ion	Ratio	Lower	Upper
105	100		
77	78.8	62.1	93.1
51	28.5	21.8	32.6



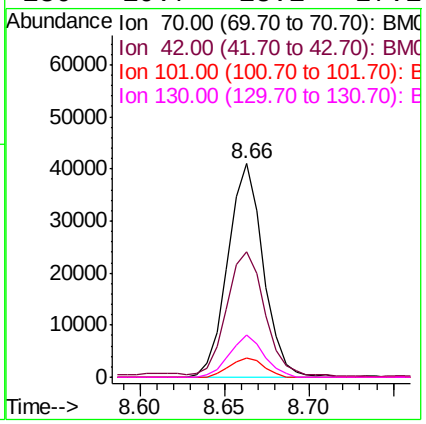


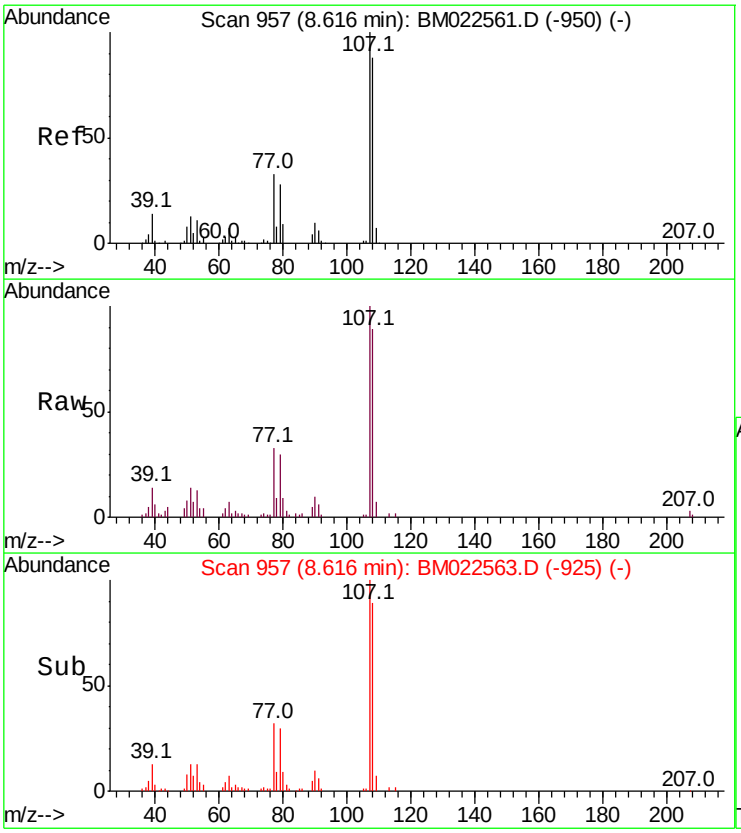
#15
N-Nitroso-di-n-propylamine
Concen: 3.768 ng/ul
RT: 8.66 min Scan# 965
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion: 70 Resp: 59902

Ion	Ratio	Lower	Upper
70	100		
42	58.7	48.3	72.5
101	9.2	8.2	12.2
130	19.7	18.1	27.1

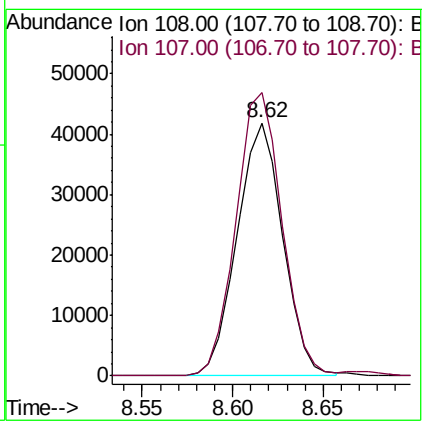


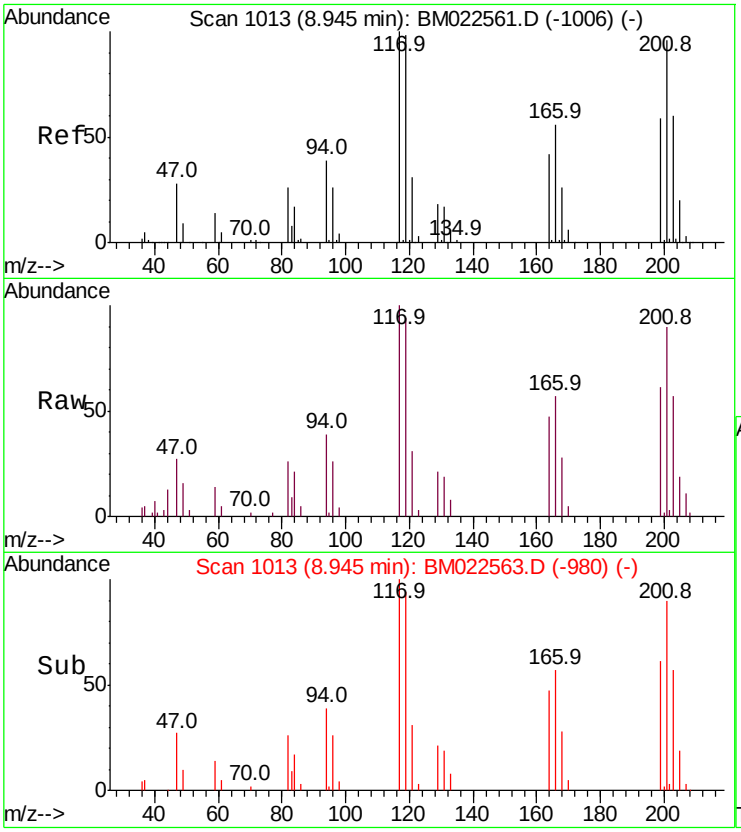


#16
4-Methylphenol
Concen: 3.597 ng/ul
RT: 8.62 min Scan# 957
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:108 Resp: 73490

Ion	Ratio	Lower	Upper
108	100		
107	111.8	87.2	130.8



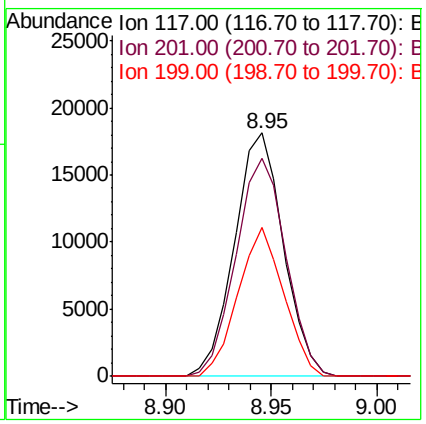


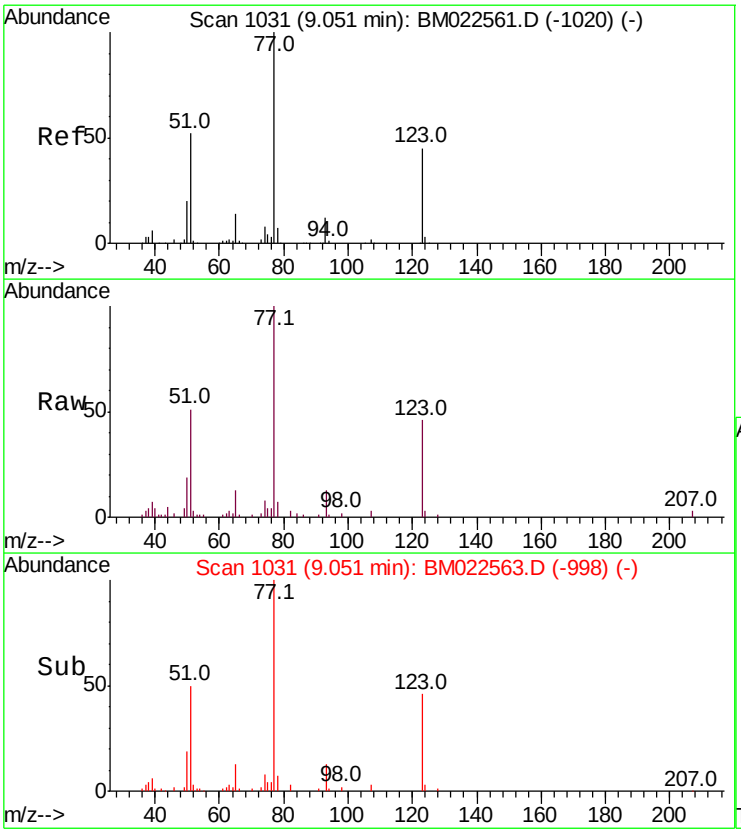
#17
Hexachloroethane
Concen: 3.820 ng/ul
RT: 8.95 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:117 Resp: 29152

Ion	Ratio	Lower	Upper
117	100		
201	92.7	77.6	116.4
199	61.0	47.6	71.4

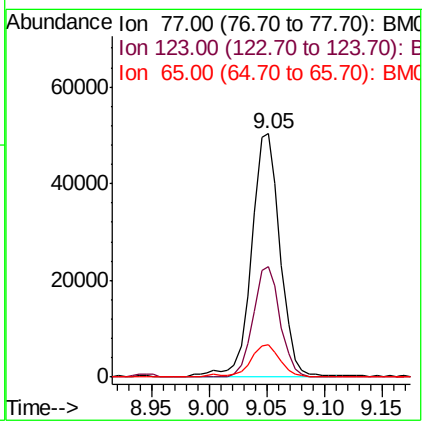


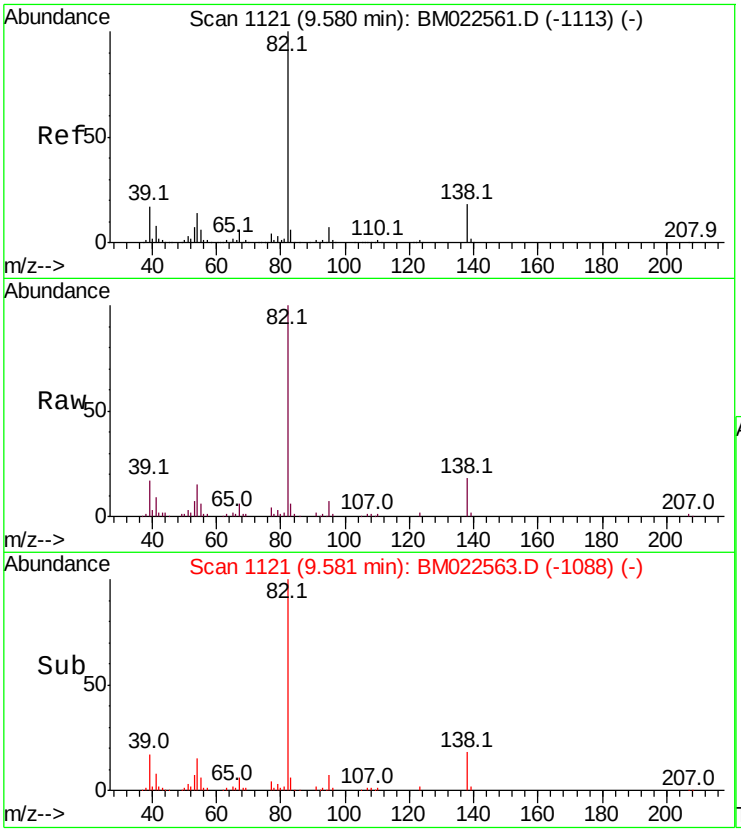


#20
Nitrobenzene
Concen: 4.283 ng/ul
RT: 9.05 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion: 77 Resp: 87354

Ion	Ratio	Lower	Upper
77	100		
123	45.6	35.8	53.6
65	13.3	10.5	15.7



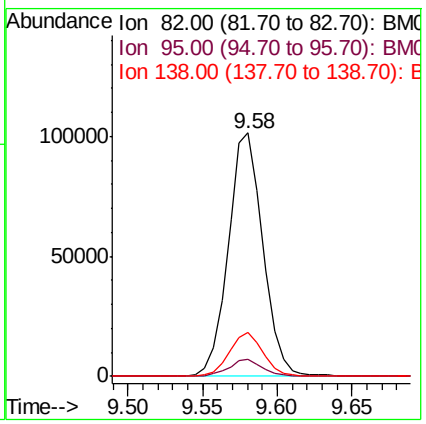


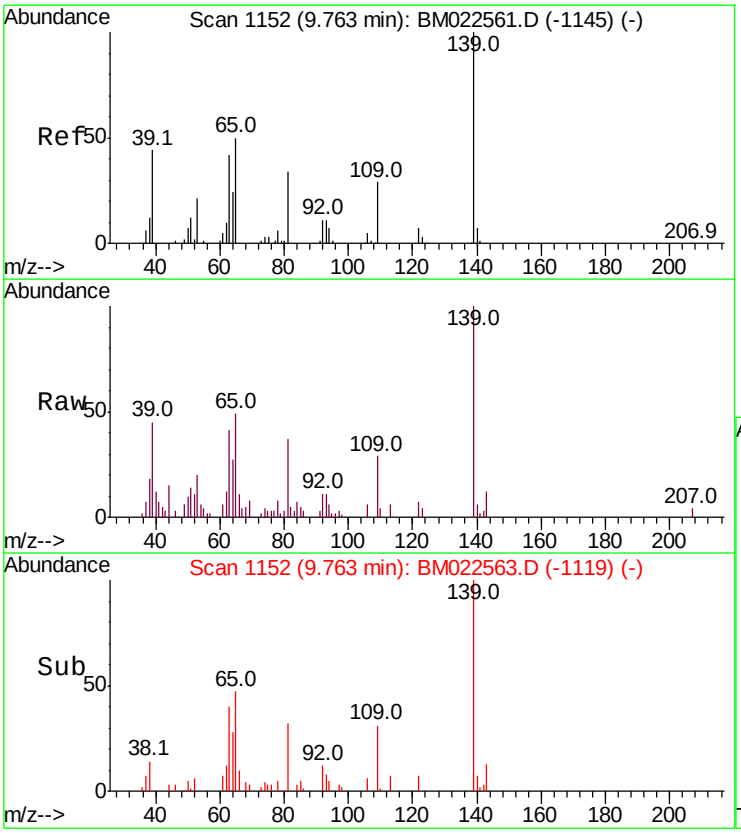
#21
Isophorone
Concen: 3.585 ng/ul
RT: 9.58 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion: 82 Resp: 163851

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	18.1	14.4	21.6

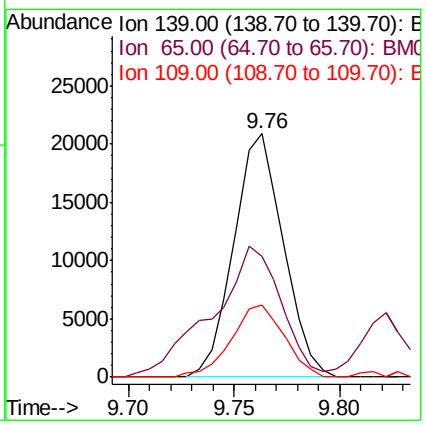


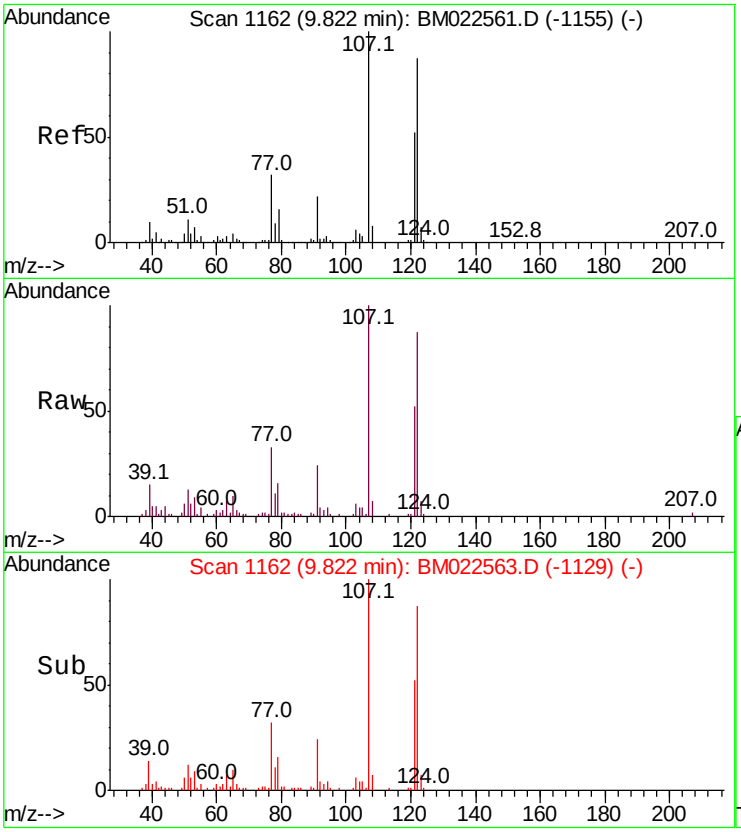


#23
2-Nitrophenol
Concen: 3.821 ng/ul
RT: 9.76 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:139 Resp: 34087

Ion	Ratio	Lower	Upper
139	100		
65	49.5	39.3	58.9
109	29.5	23.5	35.3



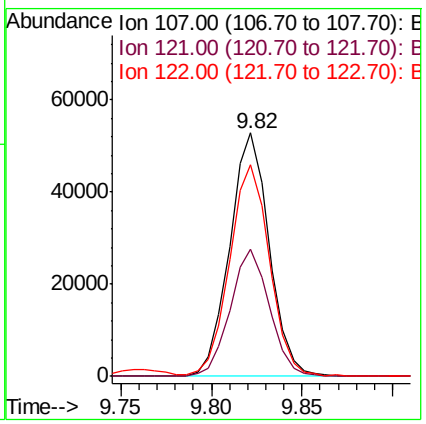


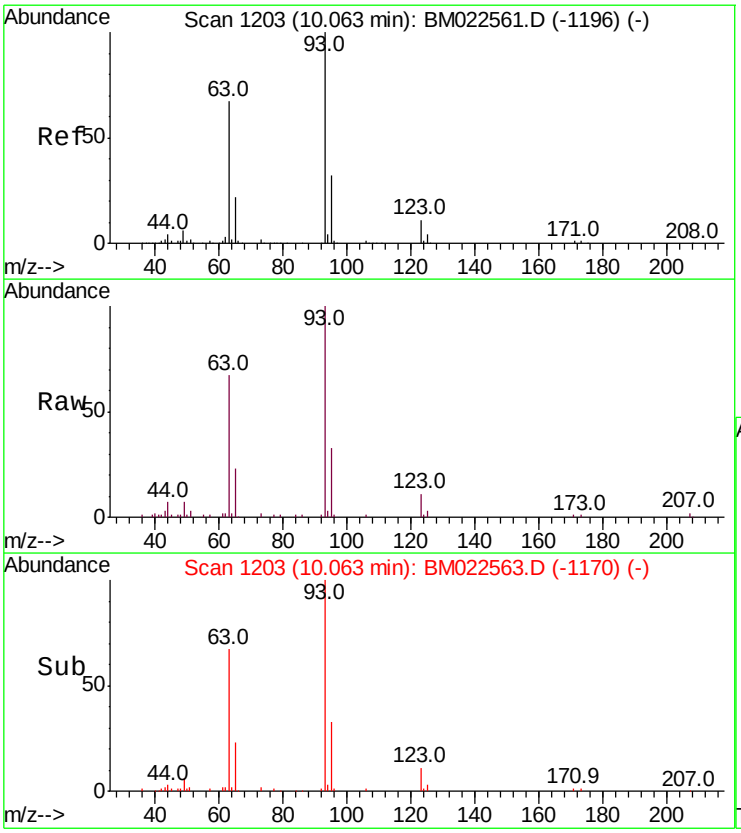
#24
2,4-Dimethylphenol
Concen: 3.570 ng/ul
RT: 9.82 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:107 Resp: 79843

Ion	Ratio	Lower	Upper
107	100		
121	52.3	40.2	60.4
122	87.1	70.2	105.2

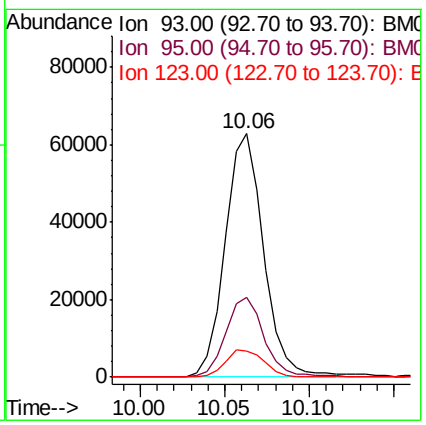


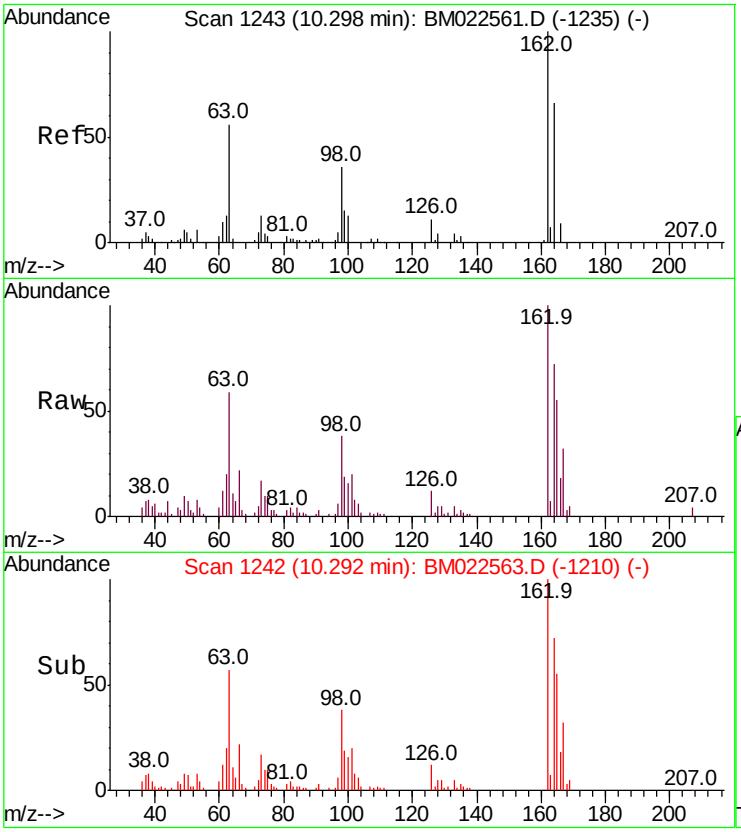


#25
Bis(2-Chloroethoxy)methane
Concen: 3.709 ng/ul
RT: 10.06 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion: 93 Resp: 99383

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.1	39.1
123	10.7	9.2	13.8



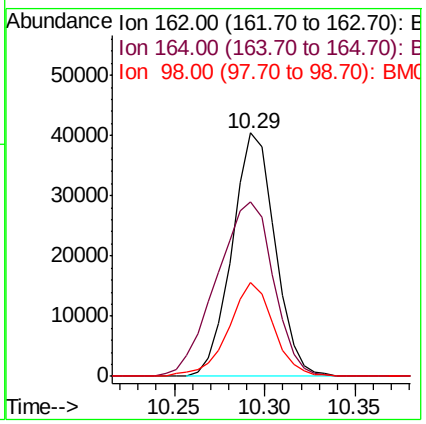


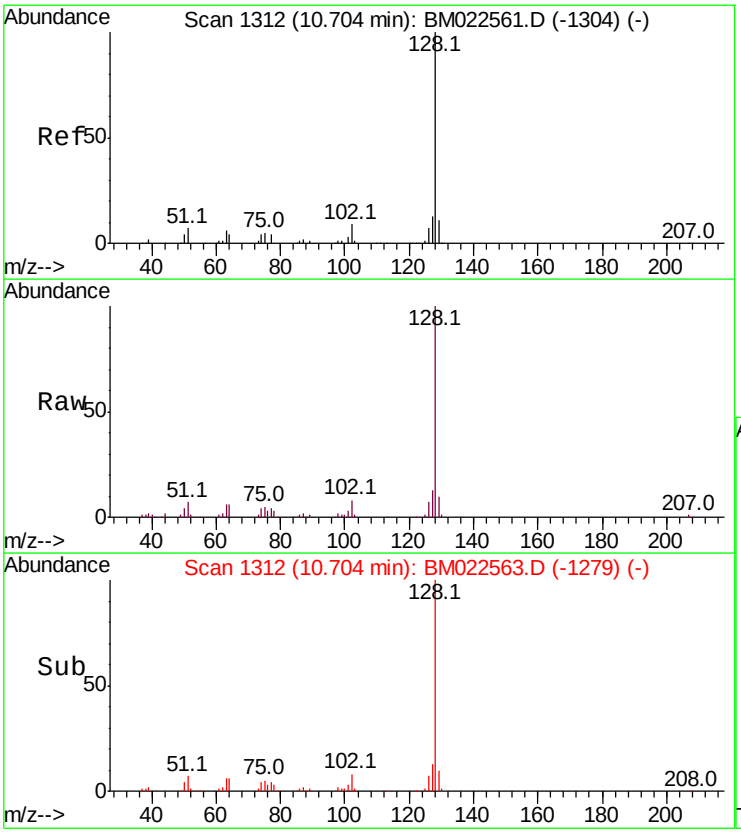
#27
2,4-Dichlorophenol
Concen: 3.544 ng/ul
RT: 10.29 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:162 Resp: 66770

Ion	Ratio	Lower	Upper
162	100		
164	71.9	52.1	78.1
98	38.5	28.9	43.3

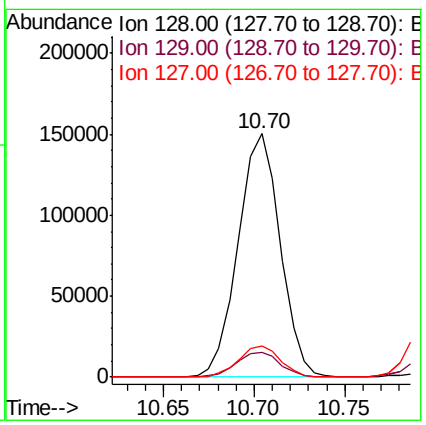


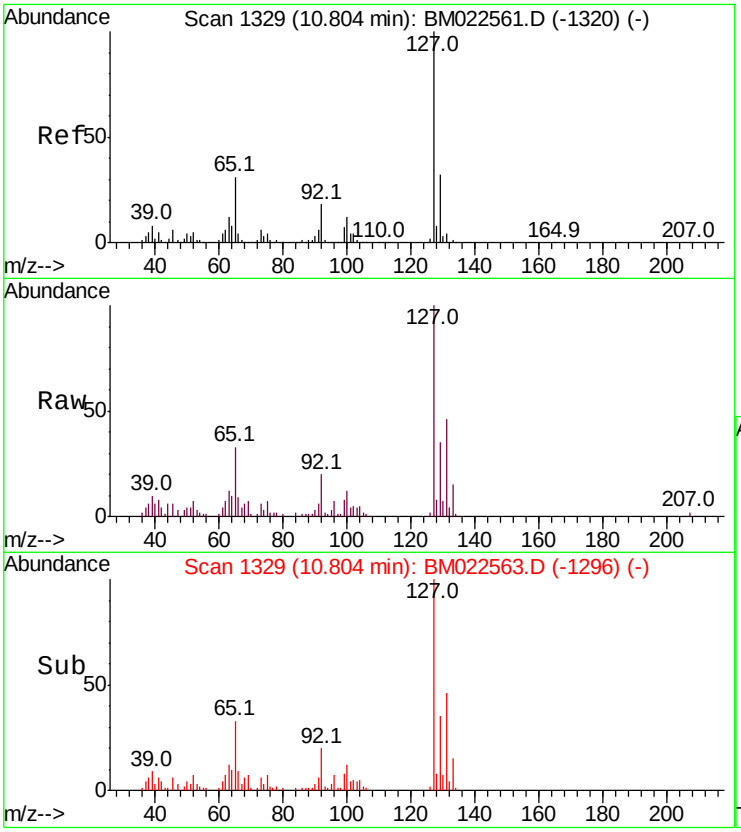


#28
Naphthalene
Concen: 3.884 ng/ul
RT: 10.70 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:128 Resp: 243296

Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.9	13.3
127	13.0	10.6	16.0



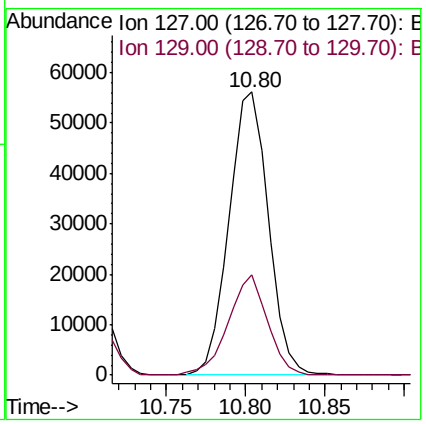


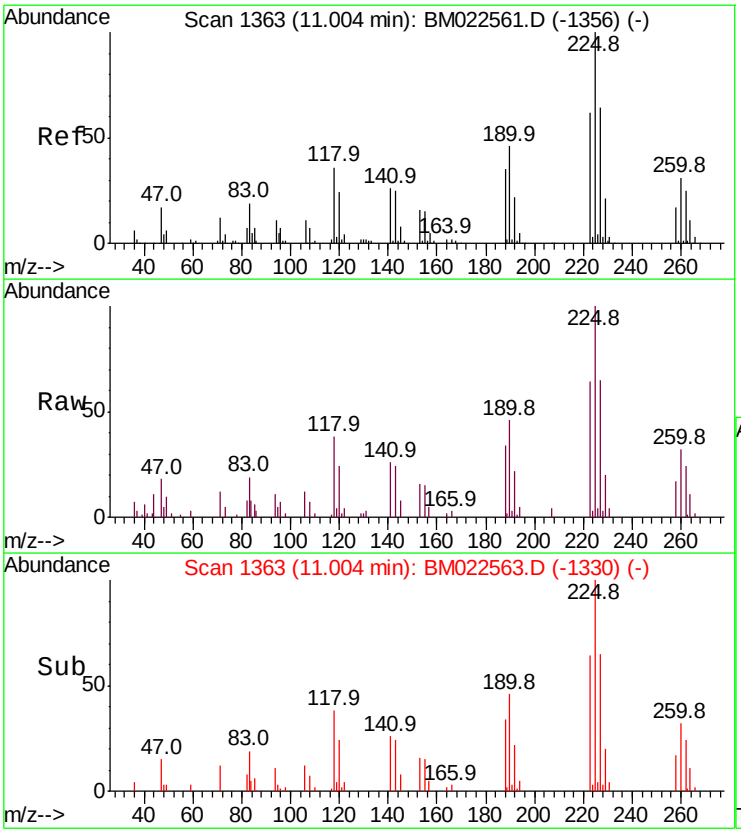
#30
4-Chloroaniline
Concen: 3.737 ng/ul
RT: 10.80 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:127 Resp: 96767

Ion	Ratio	Lower	Upper
127	100		
129	35.3	25.4	38.2

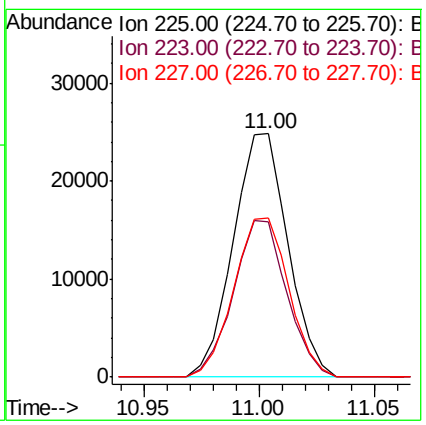


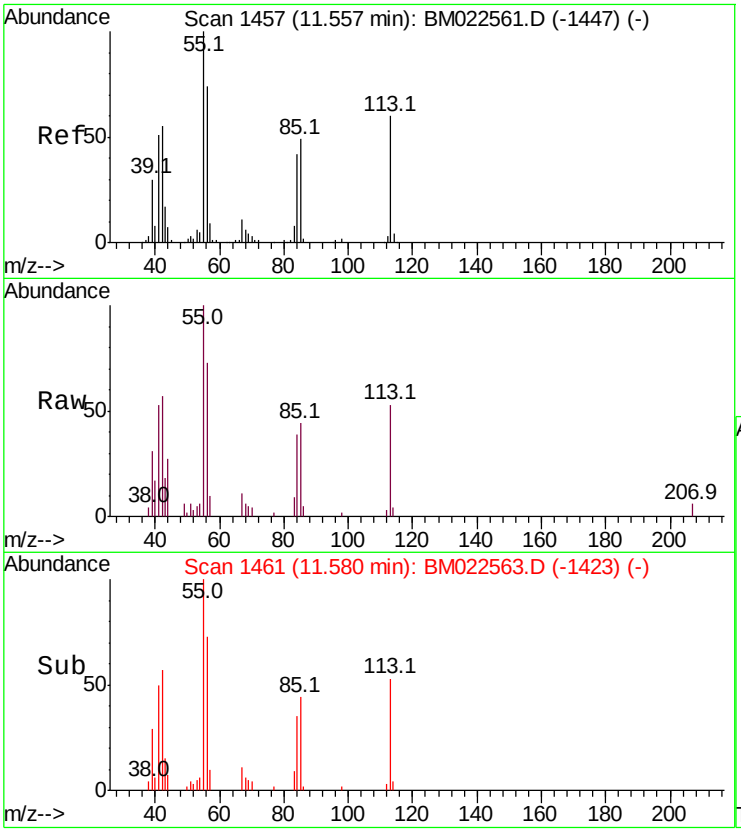


#31
Hexachlorobutadiene
Concen: 3.525 ng/ul
RT: 11.00 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:225 Resp: 40917

Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.1	75.1
227	65.2	51.8	77.8



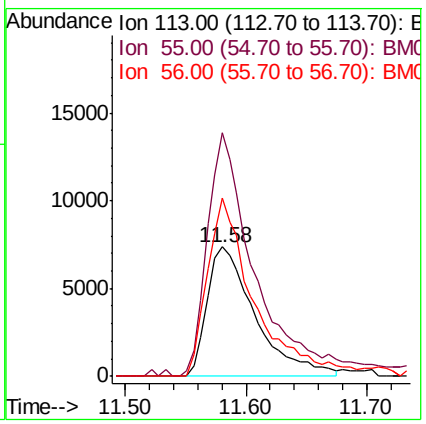


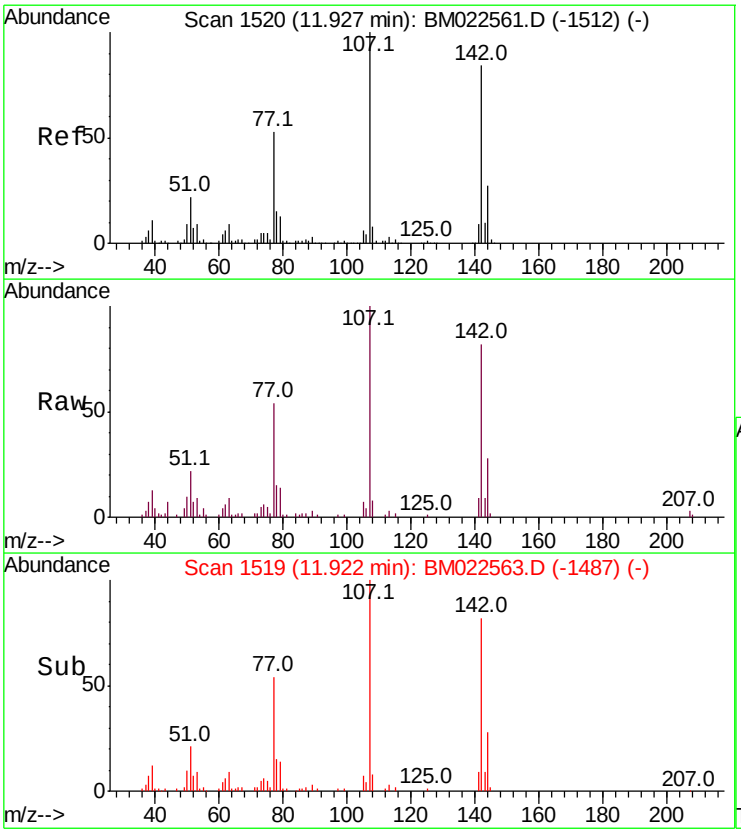
#32
Caprolactam
Concen: 2.905 ng/ul
RT: 11.58 min Scan# 1461
Delta R.T. 0.02 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:113 Resp: 20376

Ion	Ratio	Lower	Upper
113	100		
55	188.0	135.6	203.4
56	137.5	98.4	147.6

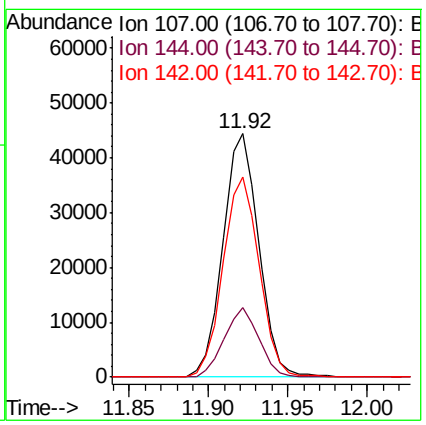


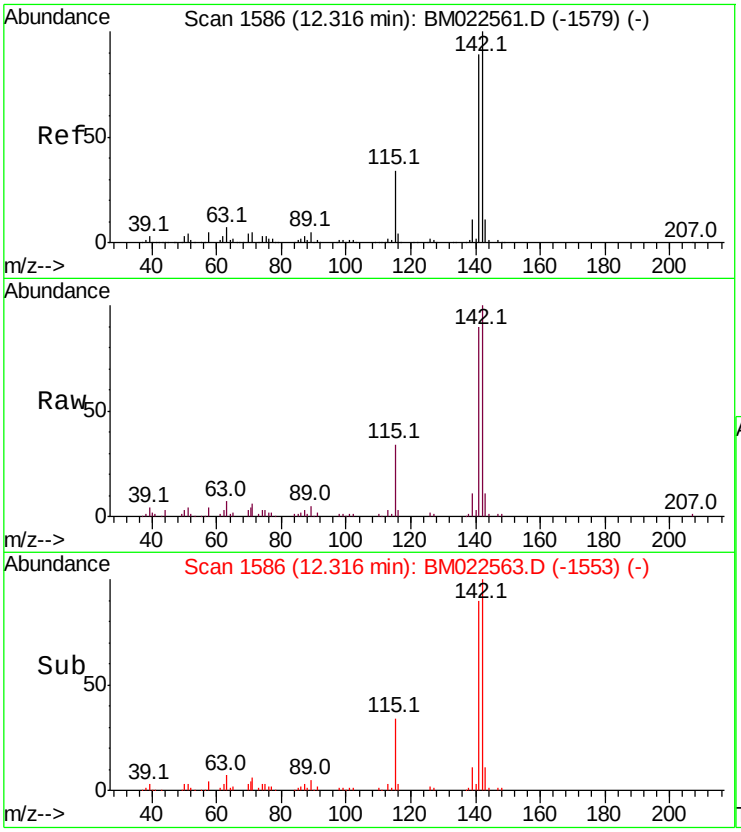


#33
4-Chloro-3-methylphenol
Concen: 3.344 ng/ul
RT: 11.92 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:107 Resp: 69534

Ion	Ratio	Lower	Upper
107	100		
144	28.3	22.6	34.0
142	81.9	67.0	100.4



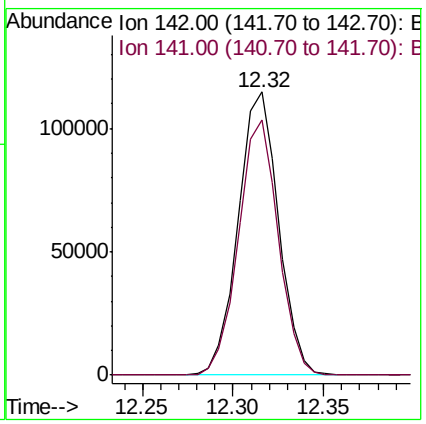


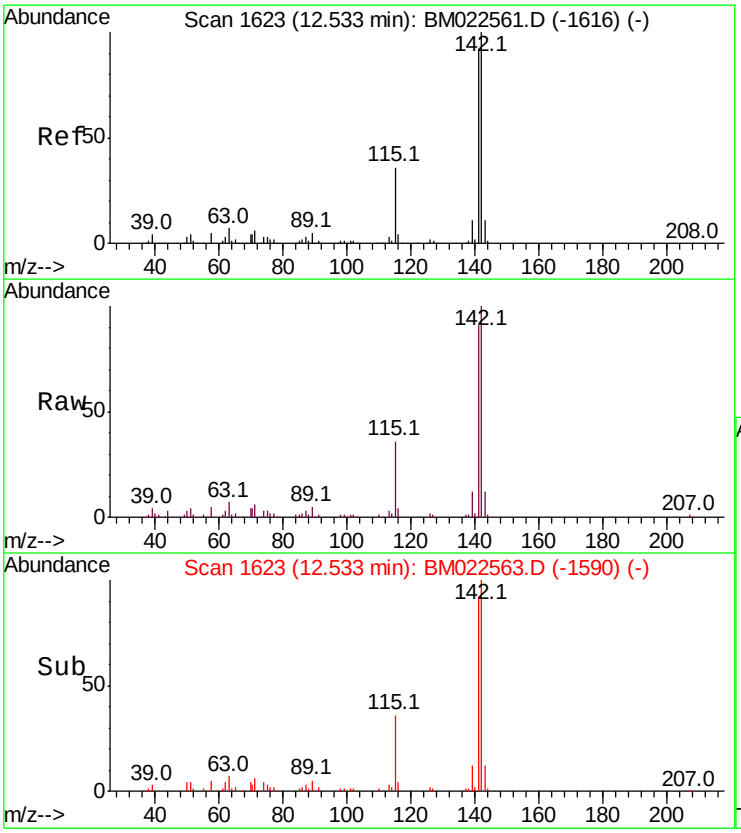
#34
2-Methylnaphthalene
Concen: 3.757 ng/ul
RT: 12.32 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:142 Resp: 177326

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.0	106.4

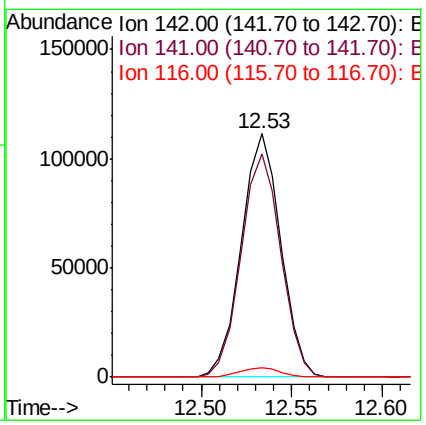


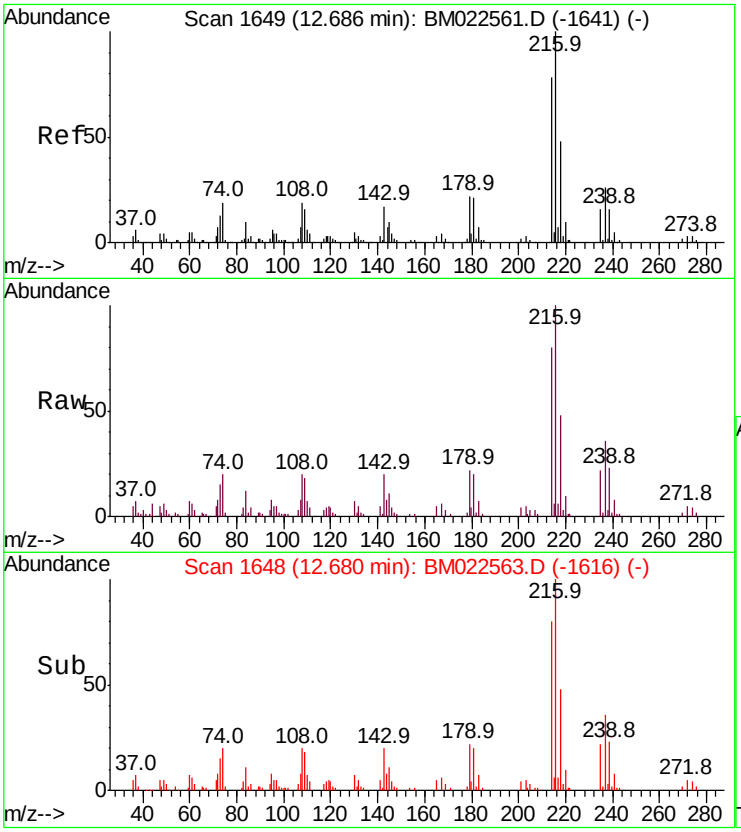


#35
1-Methylnaphthalene
Concen: 3.747 ng/ul
RT: 12.53 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:142 Resp: 168932

Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.6	108.8
116	3.8	3.0	4.4



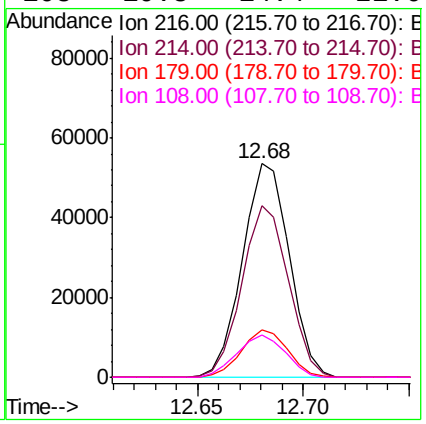


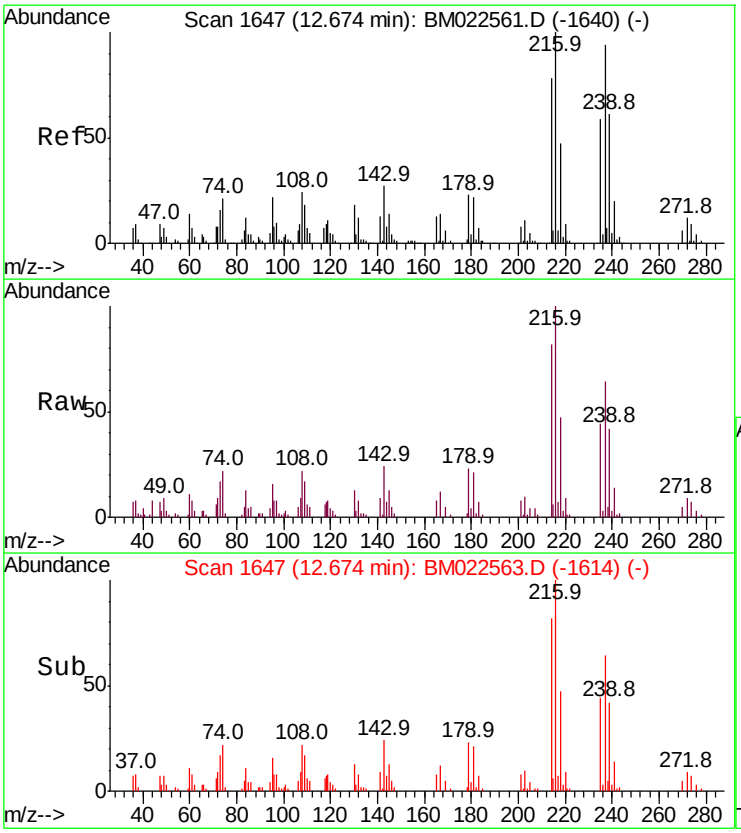
#37
1,2,4,5-Tetrachlorobenzene
Concen: 3.580 ng/ul
RT: 12.68 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:216 Resp: 82765

Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.4	95.0
179	22.4	16.7	25.1
108	19.8	14.4	21.6

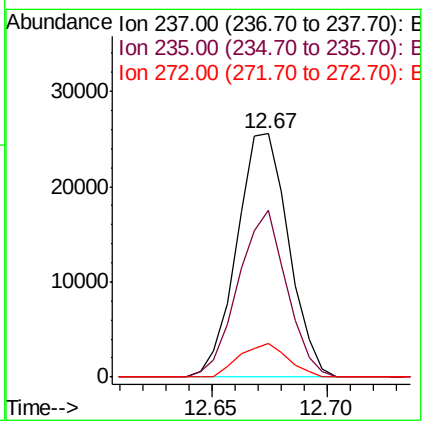


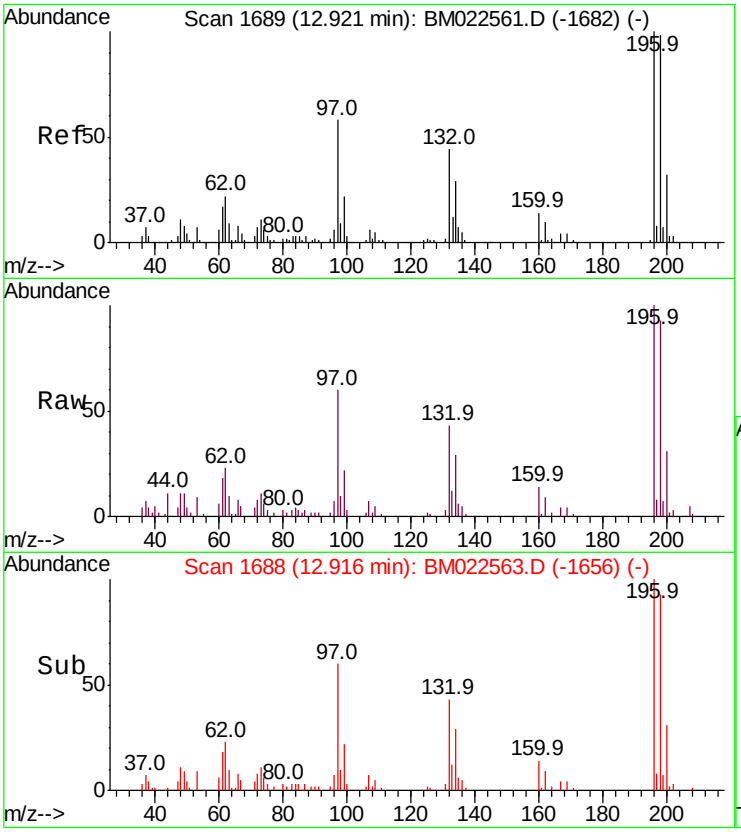


#38
Hexachlorocyclopentadiene
Concen: 2.801 ng/ul
RT: 12.67 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:237 Resp: 39922

Ion	Ratio	Lower	Upper
237	100		
235	68.3	50.1	75.1
272	14.0	10.2	15.4



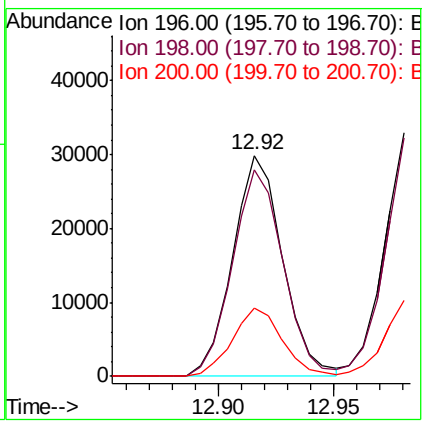


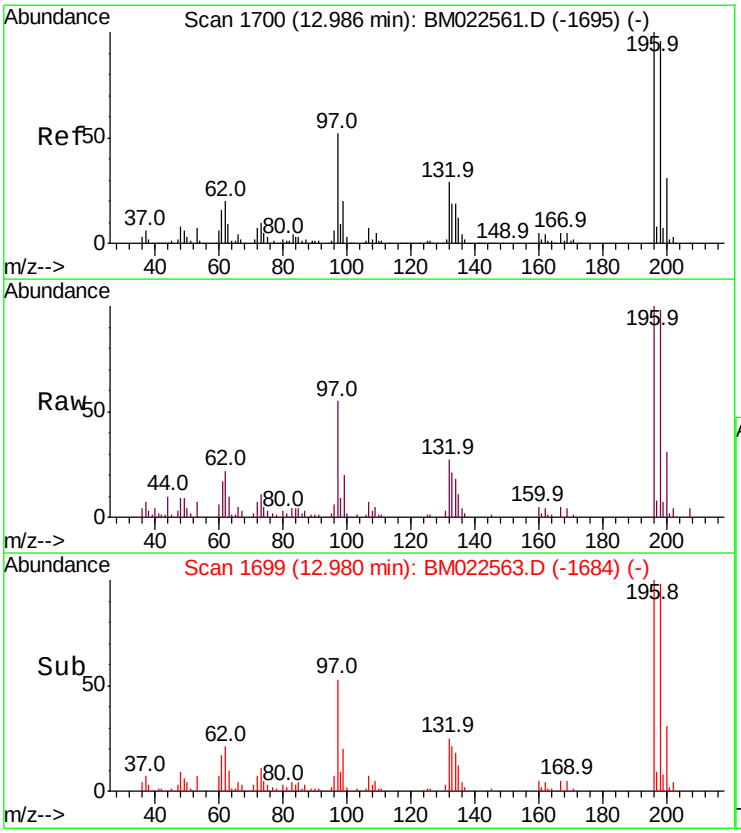
#39
2,4,6-Trichlorophenol
Concen: 3.114 ng/ul
RT: 12.92 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:196 Resp: 45066

Ion	Ratio	Lower	Upper
196	100		
198	93.2	77.7	116.5
200	30.9	24.6	37.0

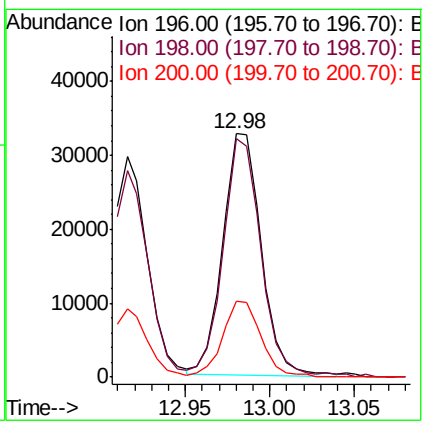


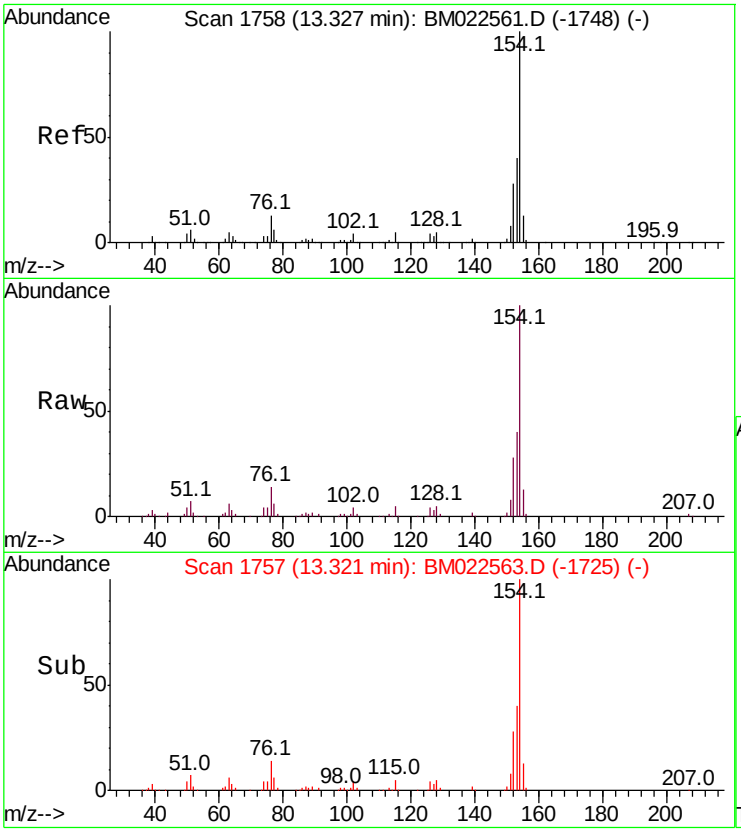


#40
2,4,5-Trichlorophenol
Concen: 3.302 ng/ul
RT: 12.98 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:196 Resp: 51818

Ion	Ratio	Lower	Upper
196	100		
198	97.8	77.4	116.0
200	31.3	24.0	36.0



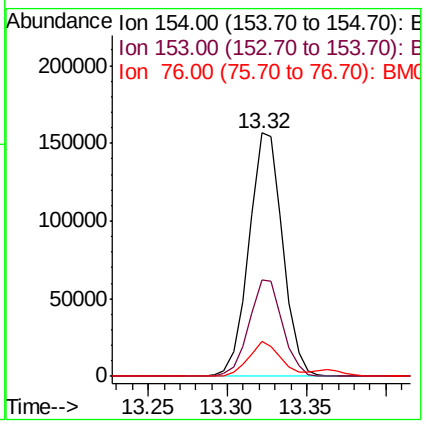


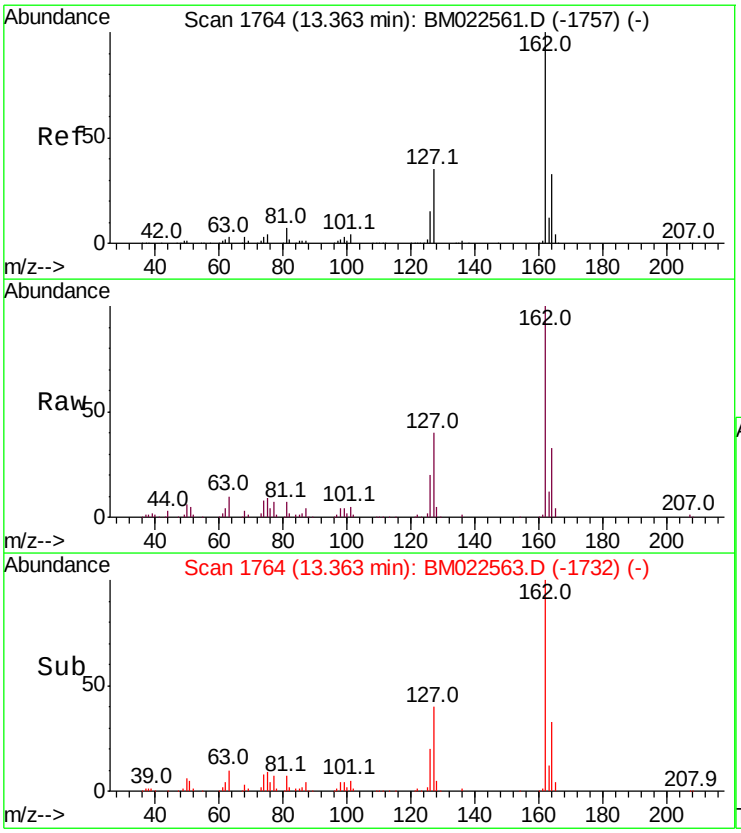
#41
1,1'-Biphenyl
Concen: 3.878 ng/ul
RT: 13.32 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:154 Resp: 231368

Ion	Ratio	Lower	Upper
154	100		
153	39.7	32.1	48.1
76	14.1	10.2	15.2

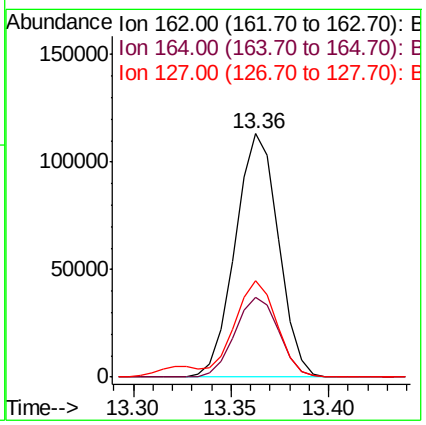


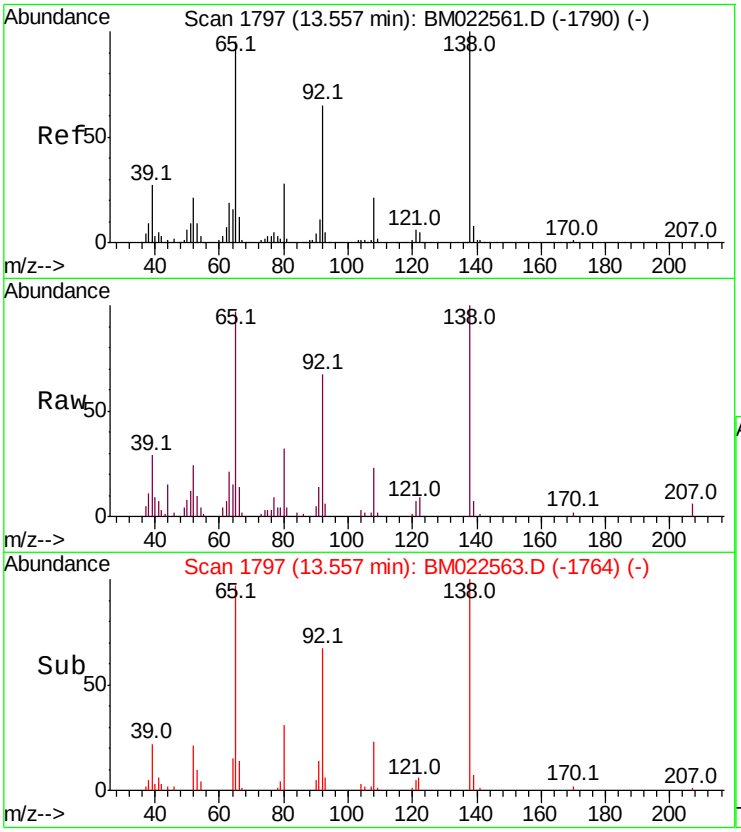


#42
2-Chloronaphthalene
Concen: 3.851 ng/ul
RT: 13.36 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:162 Resp: 173967

Ion	Ratio	Lower	Upper
162	100		
164	32.6	26.1	39.1
127	39.7	30.1	45.1



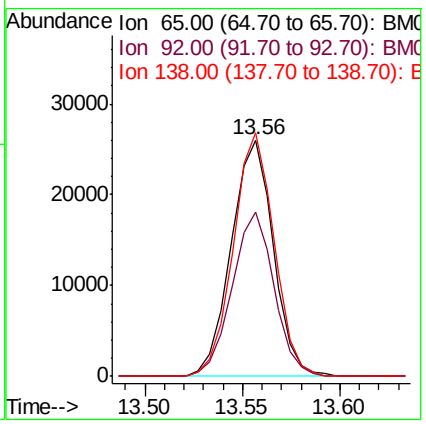


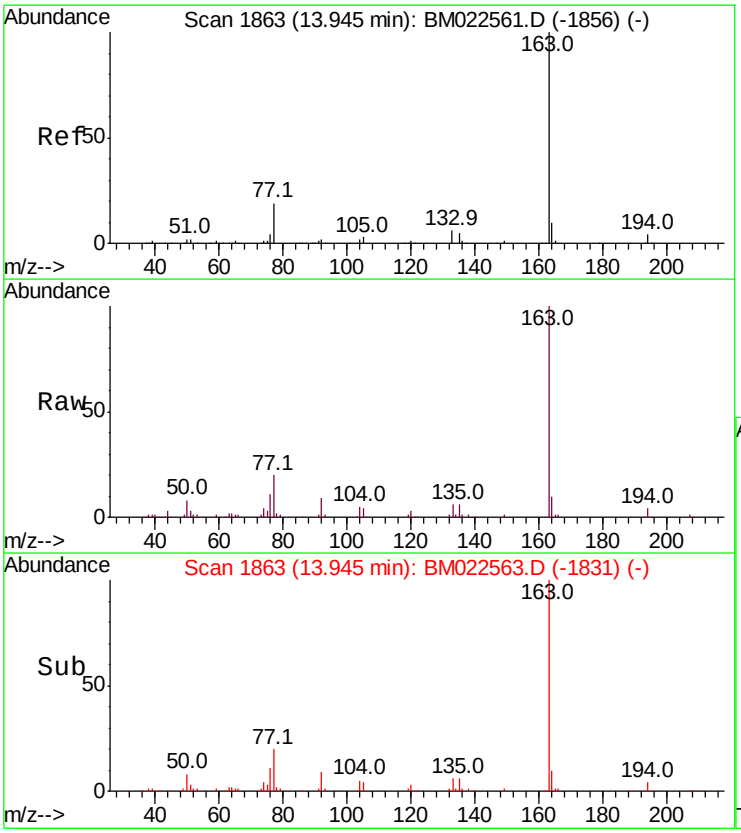
#43
2-Nitroaniline
Concen: 3.686 ng/ul
RT: 13.56 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion: 65 Resp: 38882

Ion	Ratio	Lower	Upper
65	100		
92	69.5	55.7	83.5
138	103.0	86.0	129.0

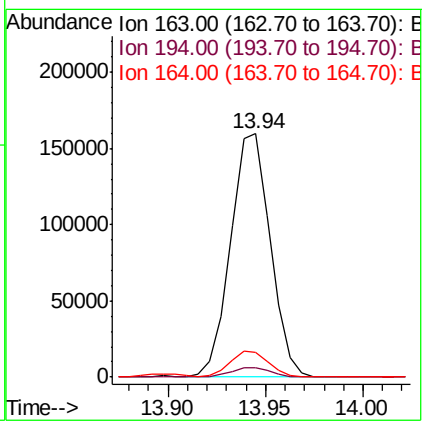


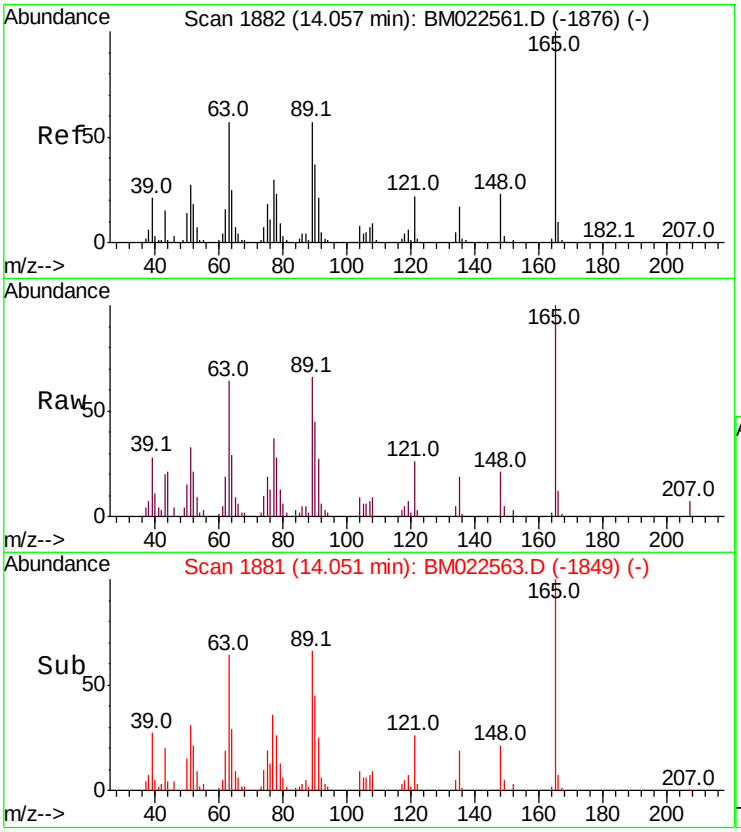


#45
Dimethylphthalate
Concen: 3.820 ng/ul
RT: 13.94 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:163 Resp: 225164

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.9	7.8	11.8



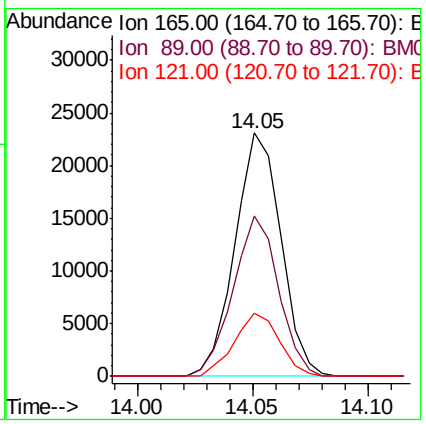


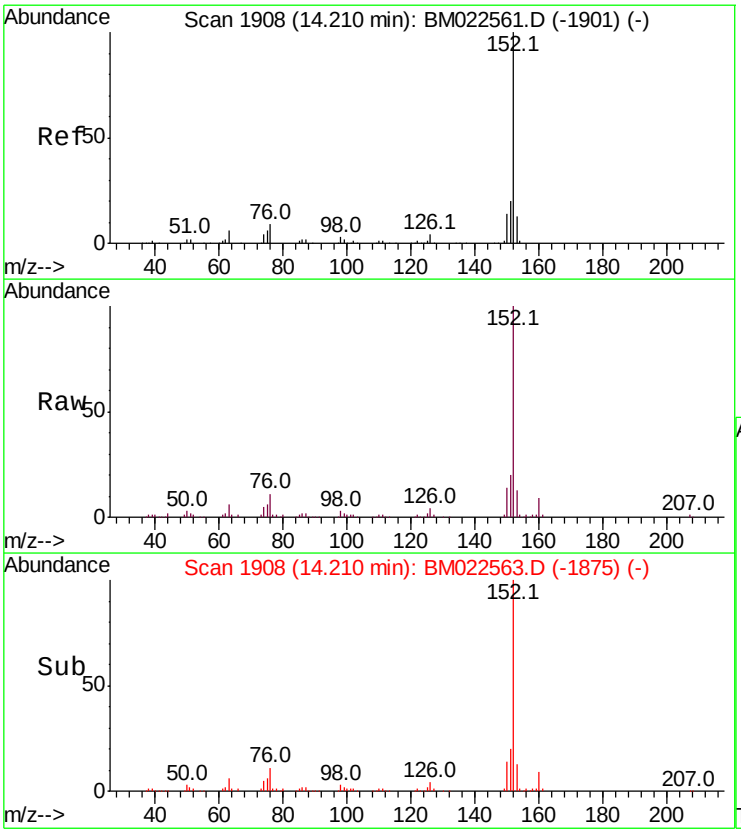
#46
2,6-Dinitrotoluene
Concen: 3.344 ng/ul
RT: 14.05 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:165 Resp: 32084

Ion	Ratio	Lower	Upper
165	100		
89	66.1	47.7	71.5
121	26.0	18.4	27.6

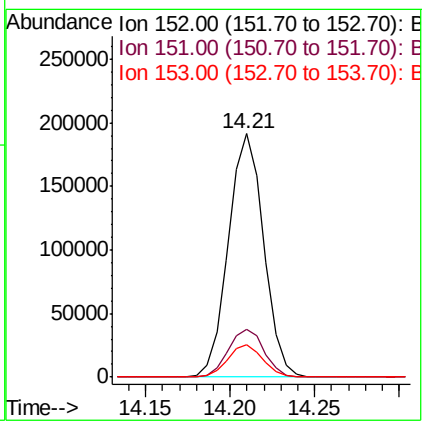


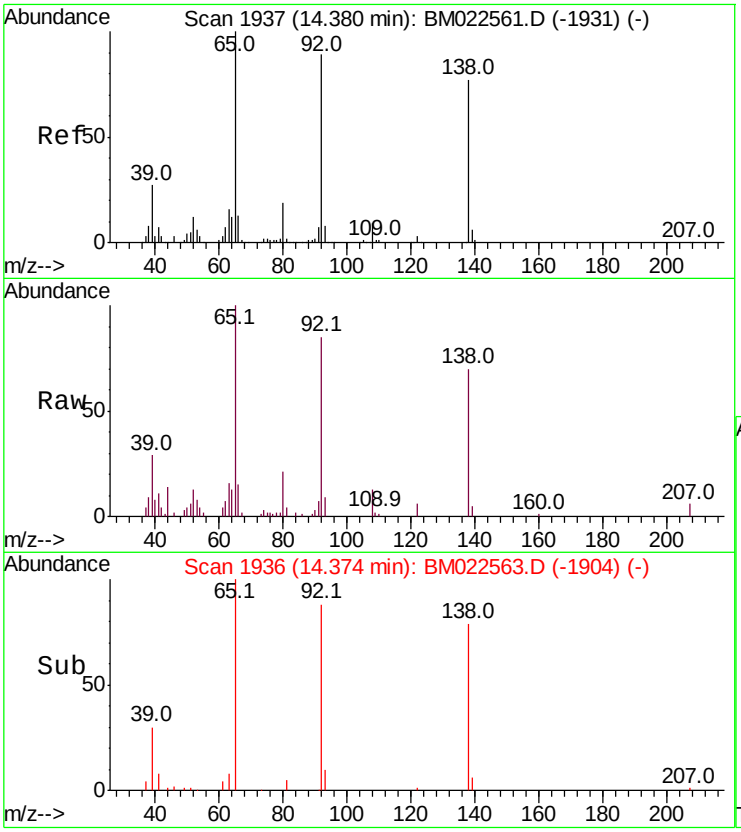


#48
Acenaphthylene
Concen: 3.854 ng/ul
RT: 14.21 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:152 Resp: 277926

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	13.3	10.4	15.6



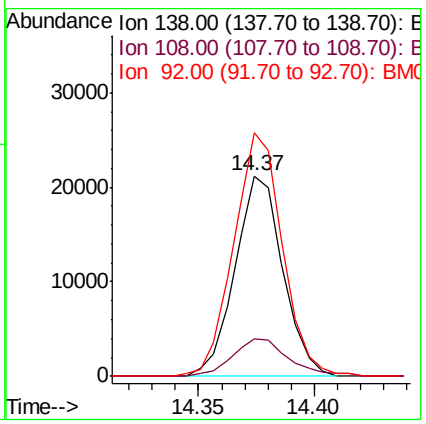


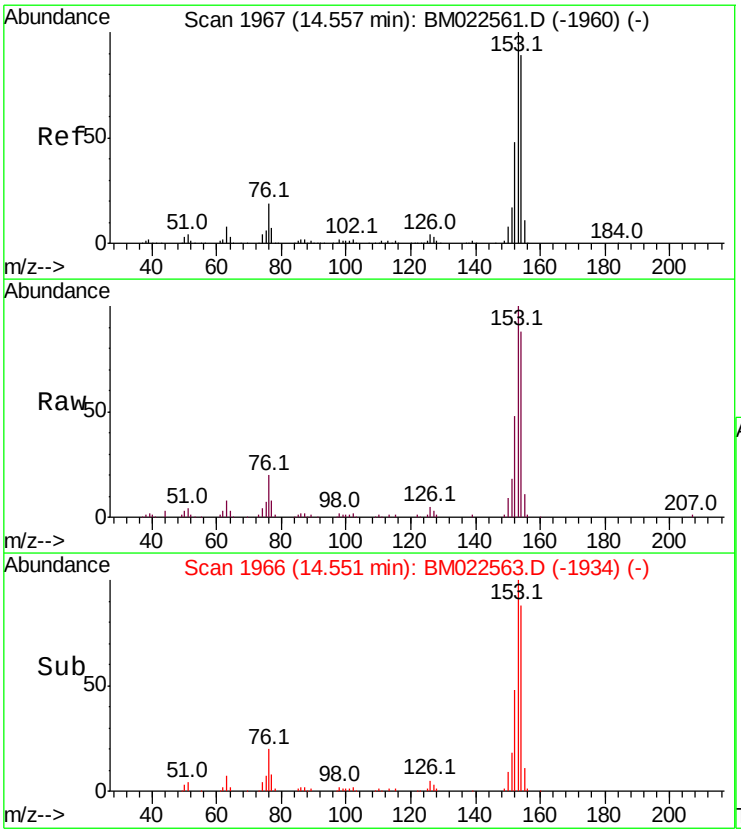
#49
3-Nitroaniline
Concen: 2.943 ng/ul
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:138 Resp: 30618

Ion	Ratio	Lower	Upper
138	100		
108	18.9	13.5	20.3
92	121.6	93.7	140.5

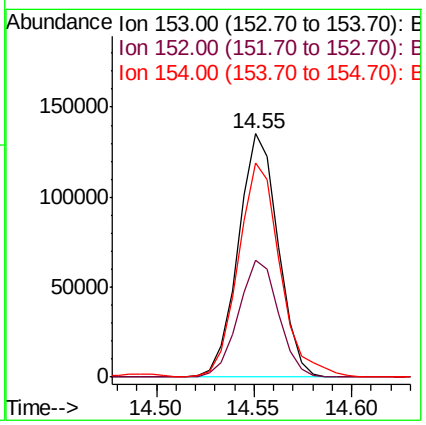


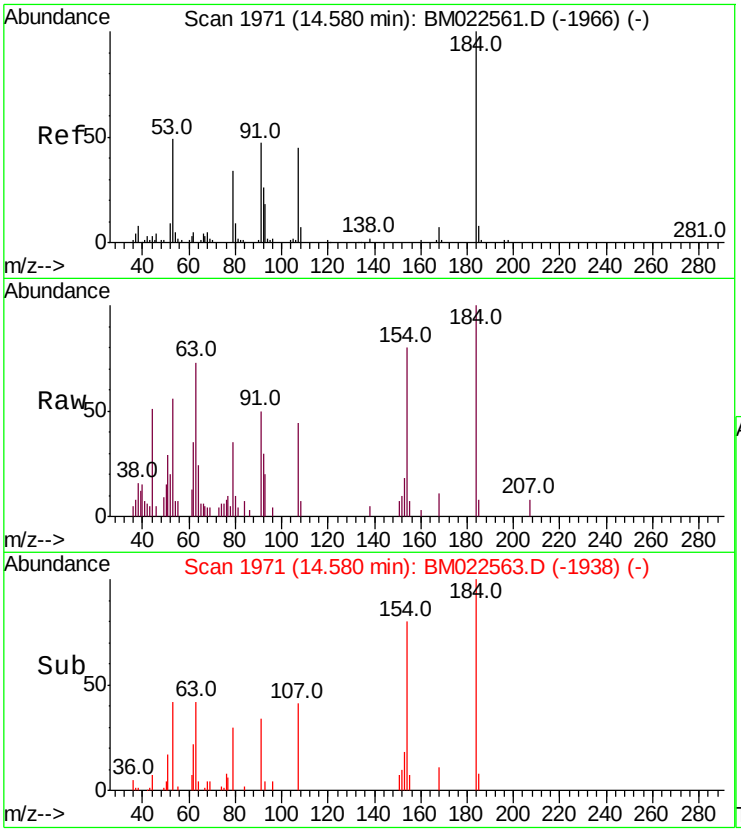


#50
Acenaphthene
Concen: 3.820 ng/ul
RT: 14.55 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:153 Resp: 190893

Ion	Ratio	Lower	Upper
153	100		
152	48.2	37.5	56.3
154	88.2	71.4	107.0



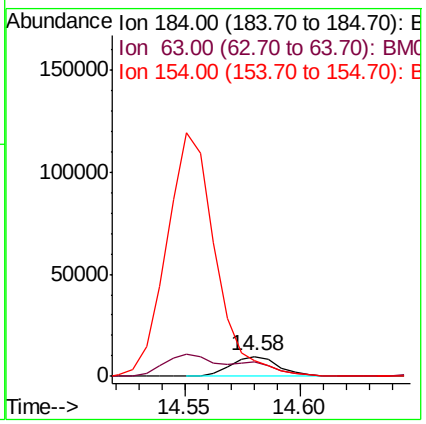


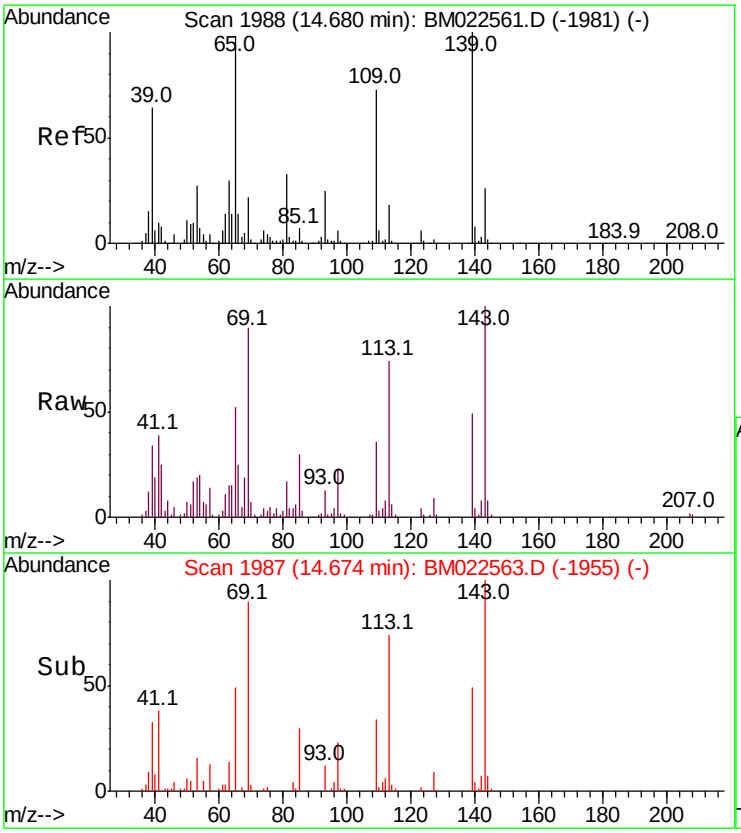
#51
2,4-Dinitrophenol
Concen: 3.201 ng/ul
RT: 14.58 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:184 Resp: 14091

Ion	Ratio	Lower	Upper
184	100		
63	73.1	51.5	77.3
154	79.5	81.9	122.9#

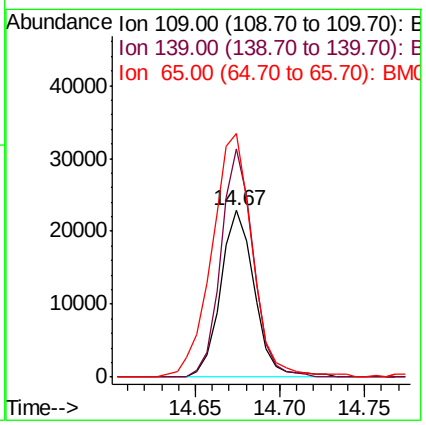


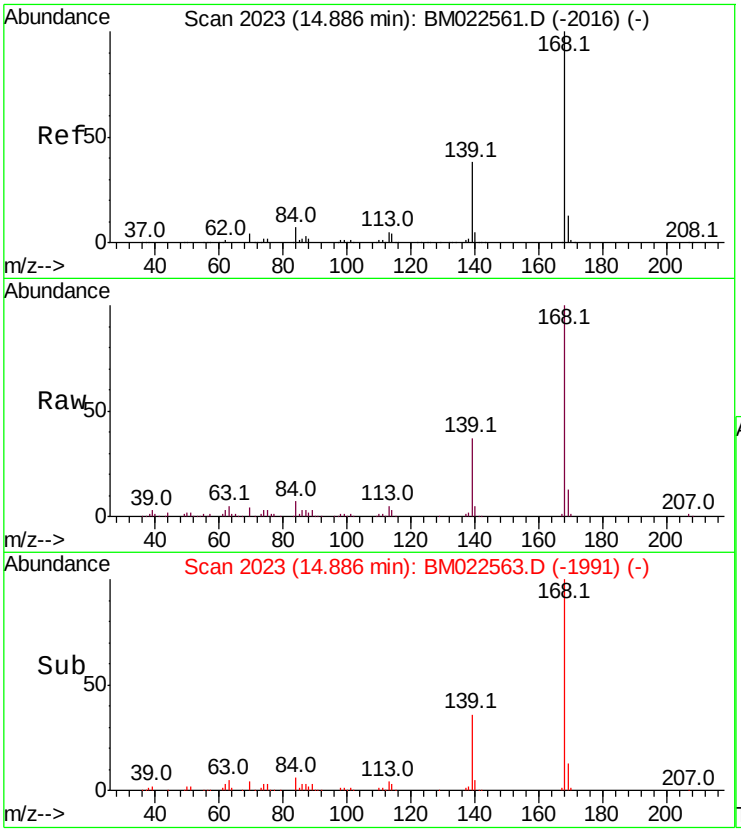


#53
4-Nitrophenol
Concen: 4.001 ng/ul
RT: 14.67 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:109 Resp: 31883

Ion	Ratio	Lower	Upper
109	100		
139	137.3	107.6	161.4
65	146.2	101.9	152.9



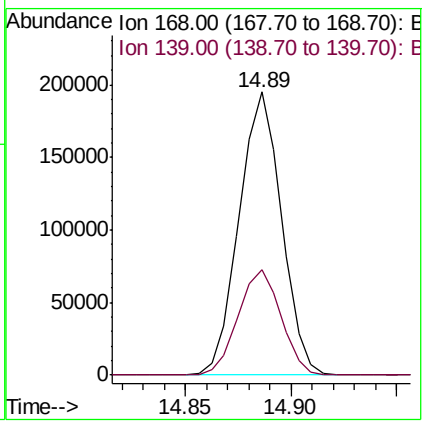


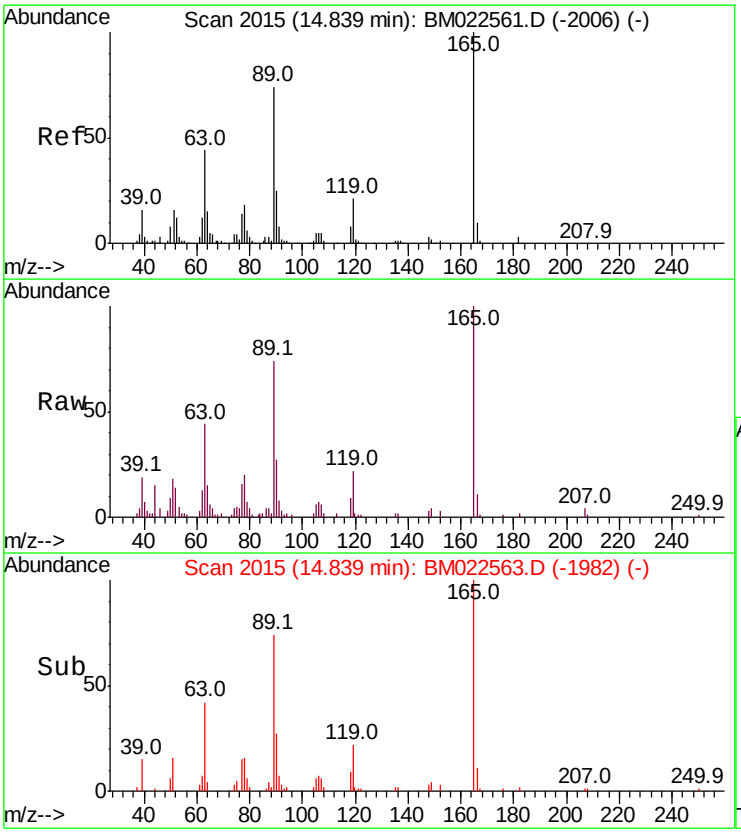
#54
Dibenzofuran
Concen: 3.916 ng/ul
RT: 14.89 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:168 Resp: 271606

Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.5	44.3

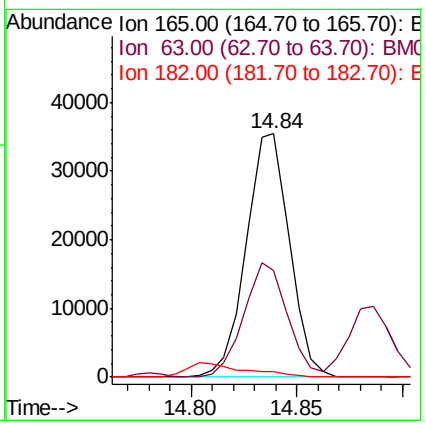


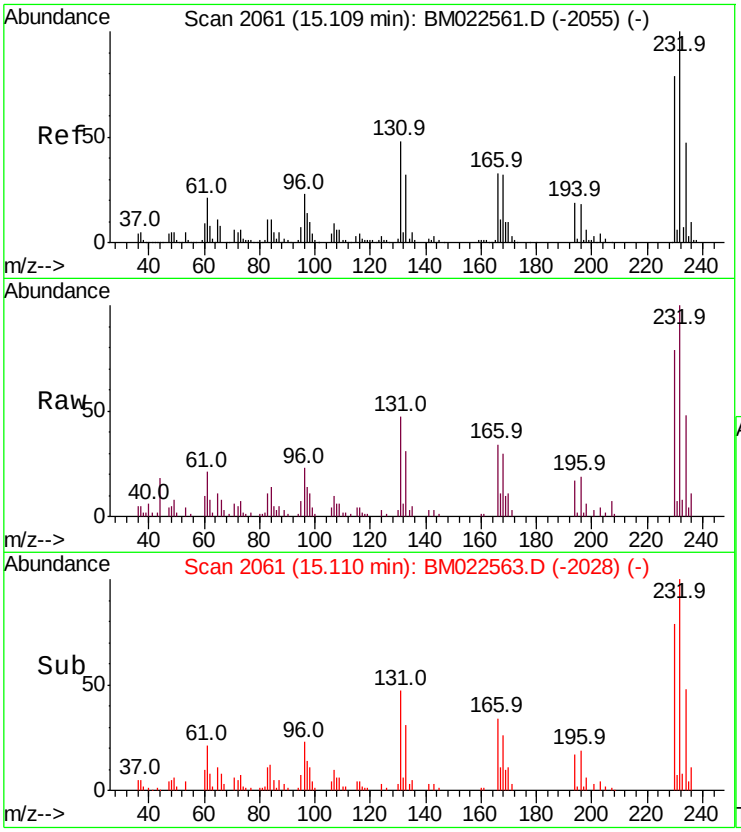


#55
2,4-Dinitrotoluene
Concen: 3.593 ng/ul
RT: 14.84 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:165 Resp: 50507

Ion	Ratio	Lower	Upper
165	100		
63	43.7	35.7	53.5
182	2.3	2.2	3.2



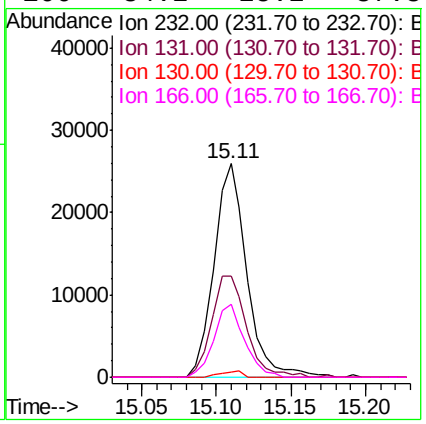


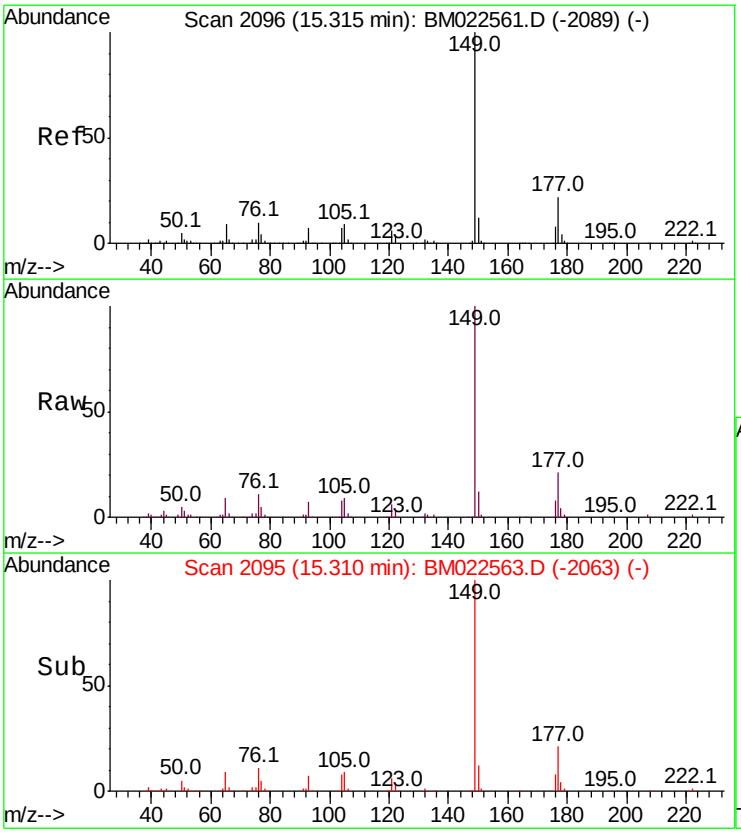
#56
2,3,4,6-Tetrachlorophenol
Concen: 3.065 ng/ul
RT: 15.11 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:232 Resp: 39958

Ion	Ratio	Lower	Upper
232	100		
131	47.3	36.9	55.3
130	2.6	2.0	3.0
166	34.2	25.2	37.8

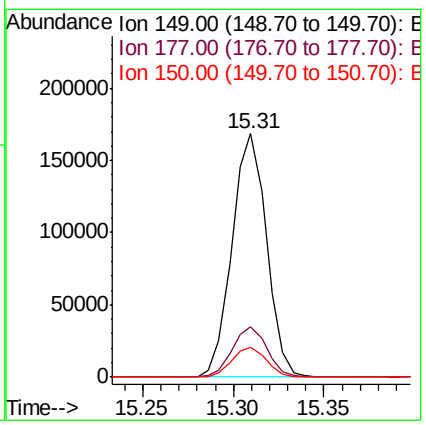


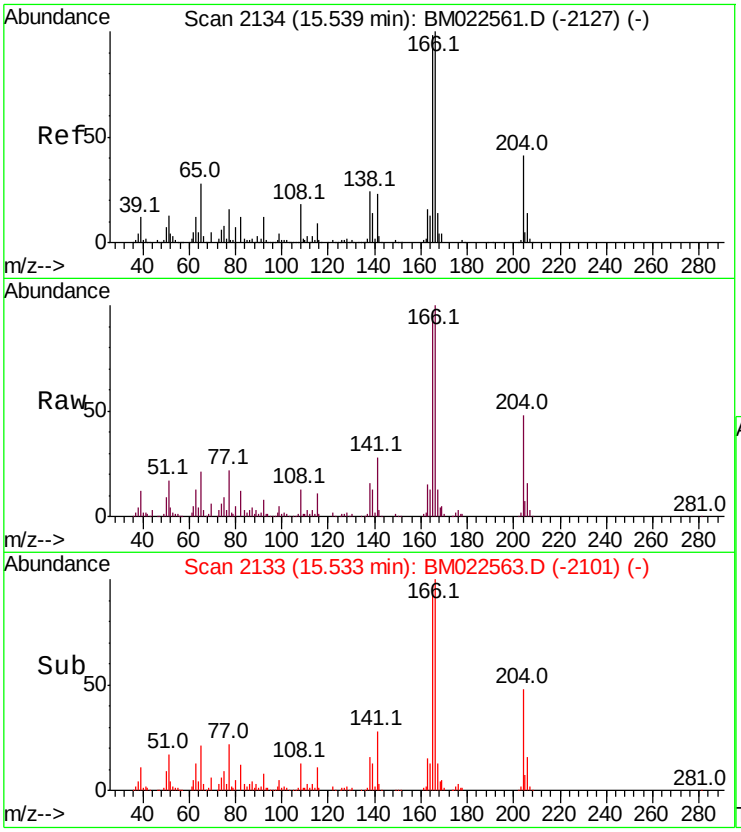


#57
Diethylphthalate
Concen: 3.657 ng/ul
RT: 15.31 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:149 Resp: 223001

Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.3	25.9
150	12.5	10.2	15.2



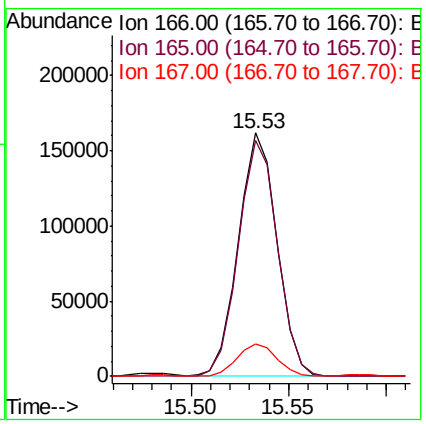


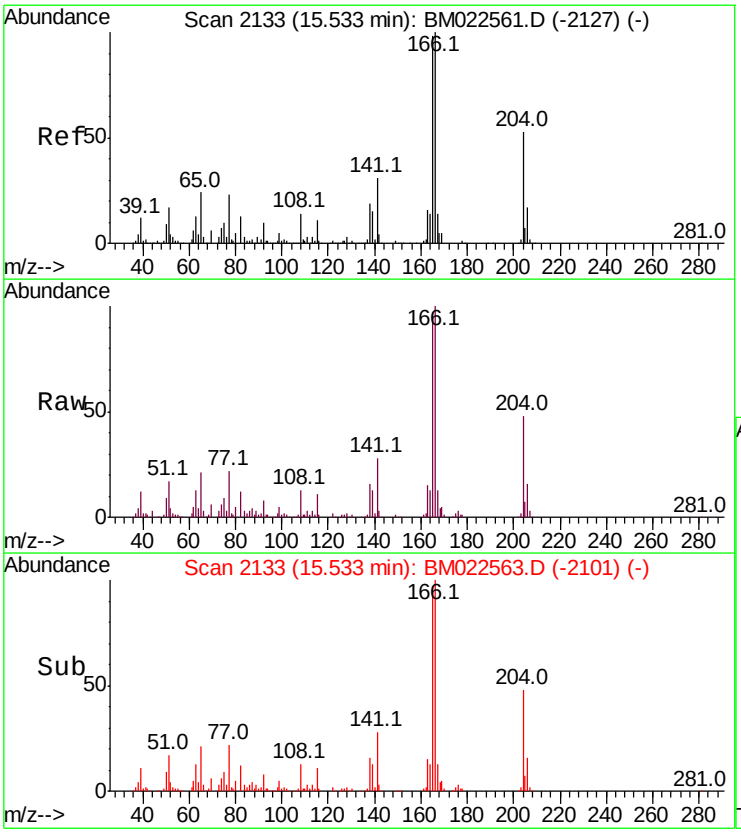
#59
Fluorene
Concen: 3.895 ng/ul
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:166 Resp: 222236

Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.8	116.8
167	13.5	10.9	16.3

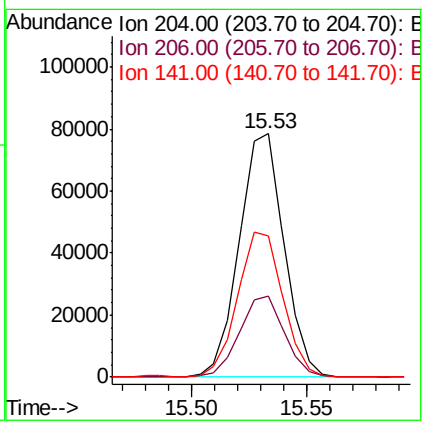


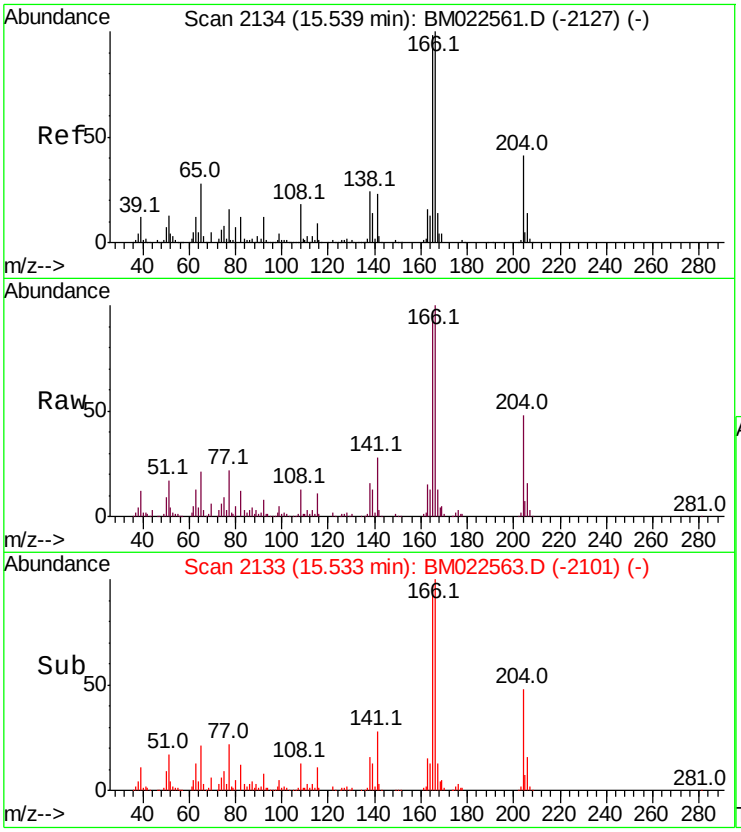


#60
4-Chlorophenyl-phenylether
Concen: 3.774 ng/ul
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:204 Resp: 106555

Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.0	39.0
141	57.9	45.4	68.2



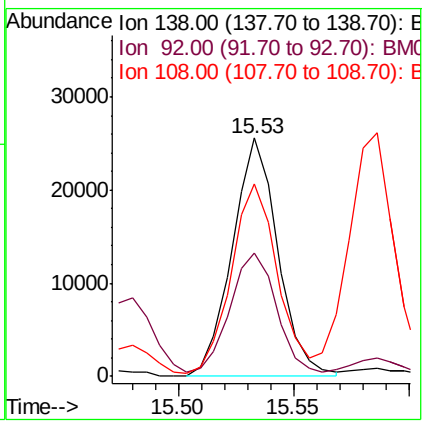


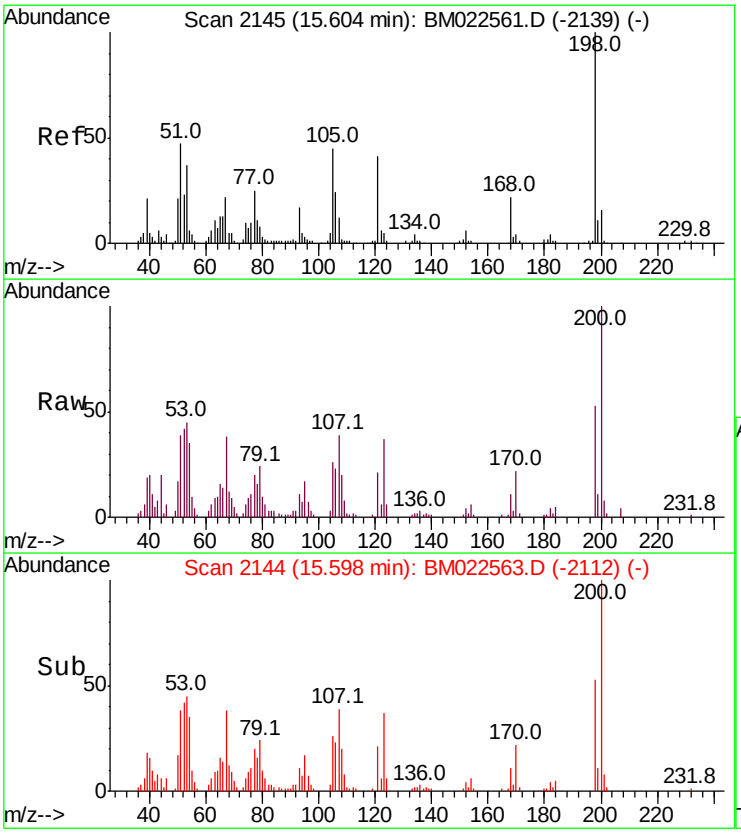
#61
4-Nitroaniline
Concen: 2.976 ng/ul
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:138 Resp: 35287

Ion	Ratio	Lower	Upper
138	100		
92	51.8	40.3	60.5
108	80.9	62.2	93.2

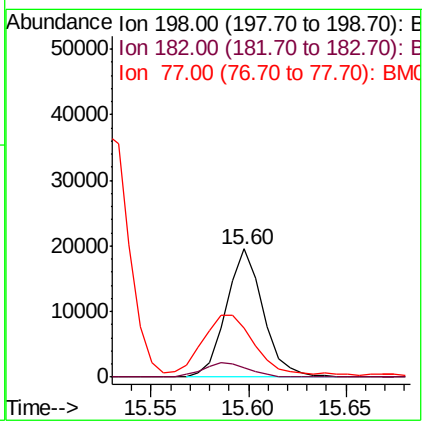


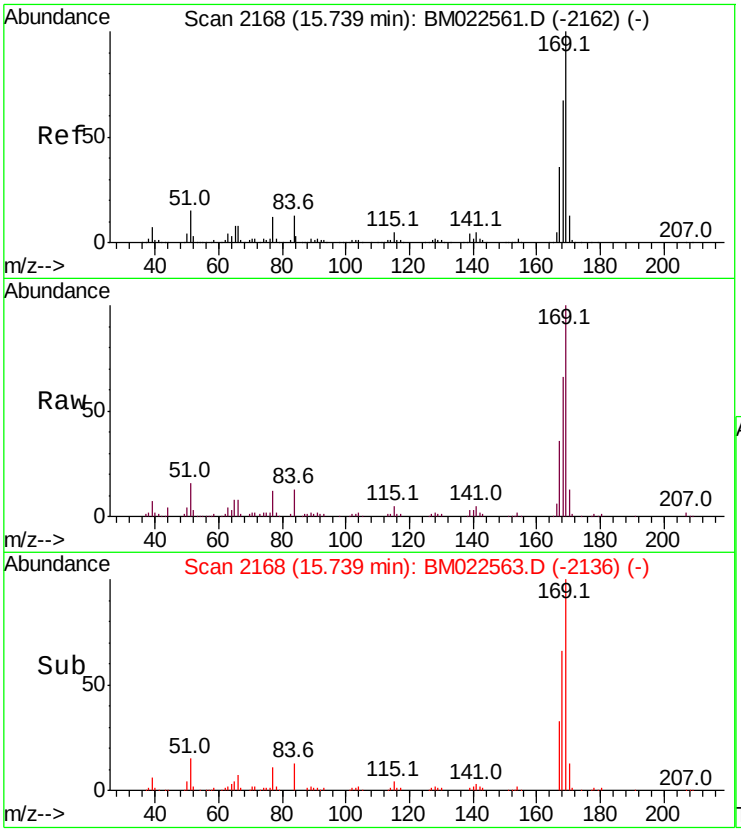


#64
4,6-Dinitro-2-methylphenol
Concen: 3.286 ng/ul
RT: 15.60 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:198 Resp: 25652

Ion	Ratio	Lower	Upper
198	100		
182	7.7	3.4	5.0#
77	38.0	19.7	29.5#



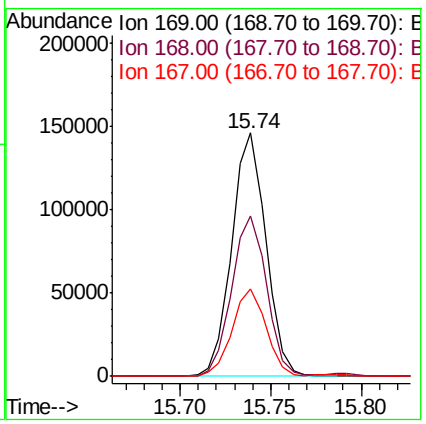


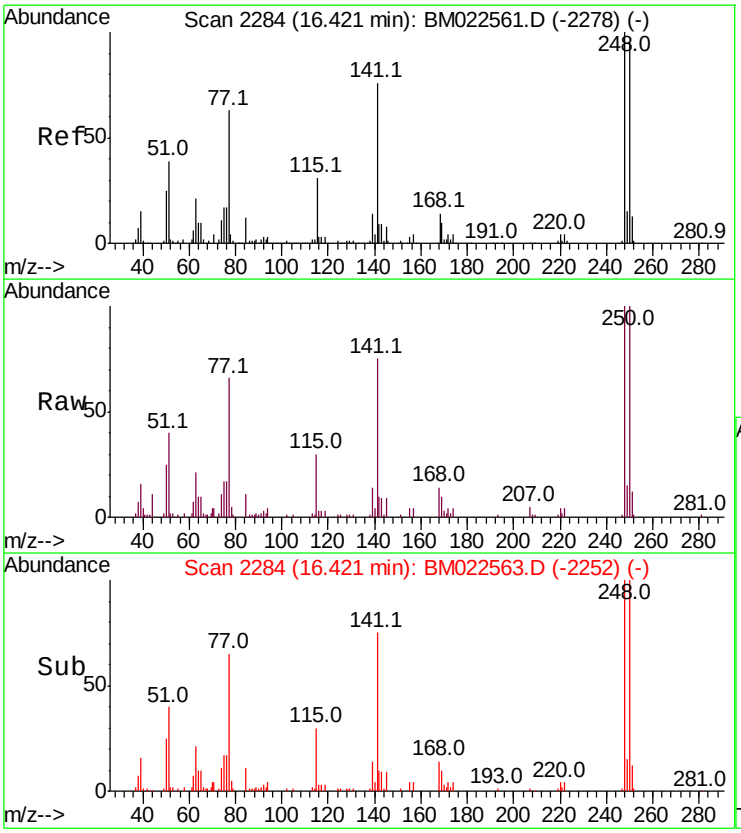
#65
N-Nitrosodiphenylamine
Concen: 3.781 ng/ul
RT: 15.74 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:169 Resp: 191464

Ion	Ratio	Lower	Upper
169	100		
168	65.9	53.5	80.3
167	35.7	29.5	44.3

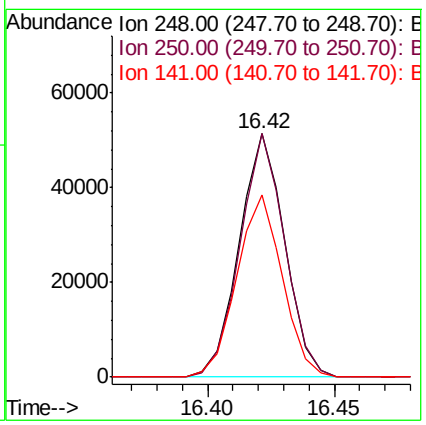


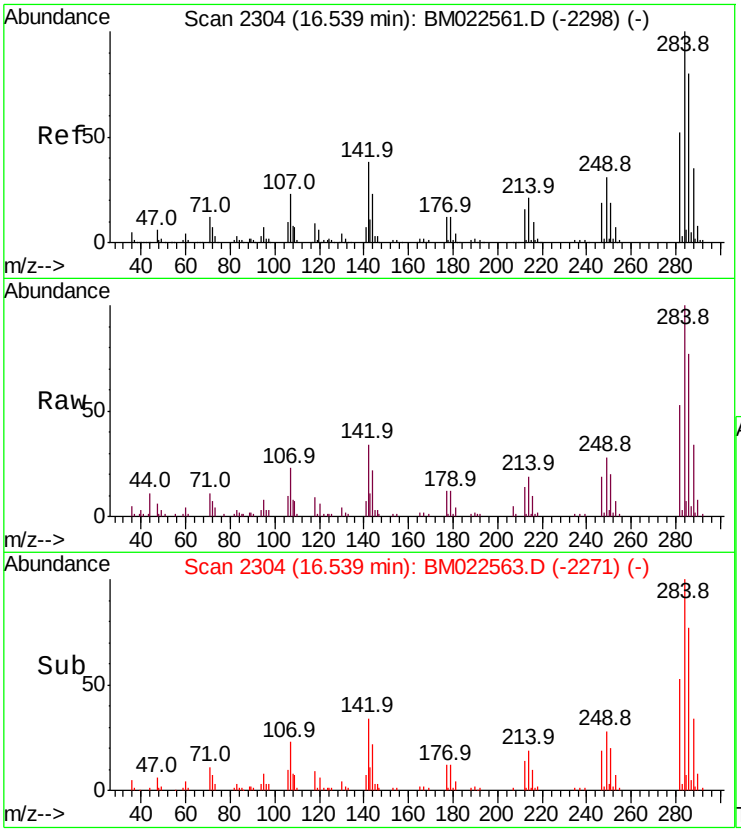


#66
4-Bromophenyl-phenylether
Concen: 3.470 ng/ul
RT: 16.42 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:248 Resp: 64338

Ion	Ratio	Lower	Upper
248	100		
250	99.8	76.3	114.5
141	74.7	57.0	85.4



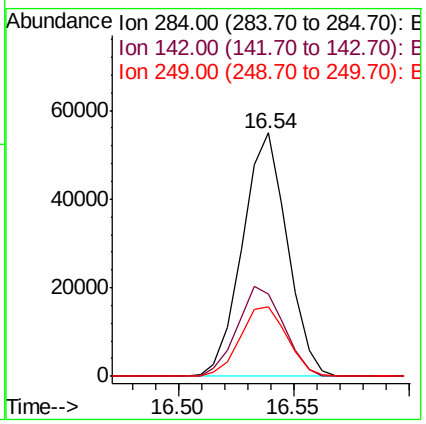


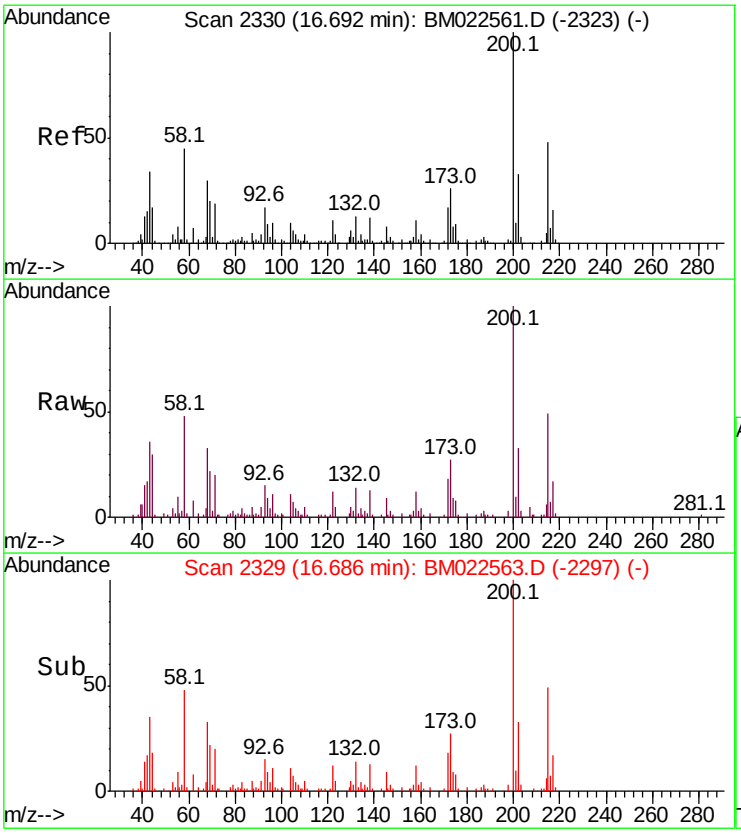
#67
Hexachlorobenzene
Concen: 3.648 ng/ul
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:284 Resp: 74551

Ion	Ratio	Lower	Upper
284	100		
142	34.0	29.3	43.9
249	28.4	24.7	37.1

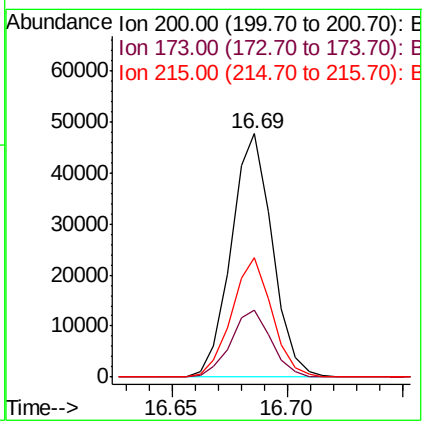


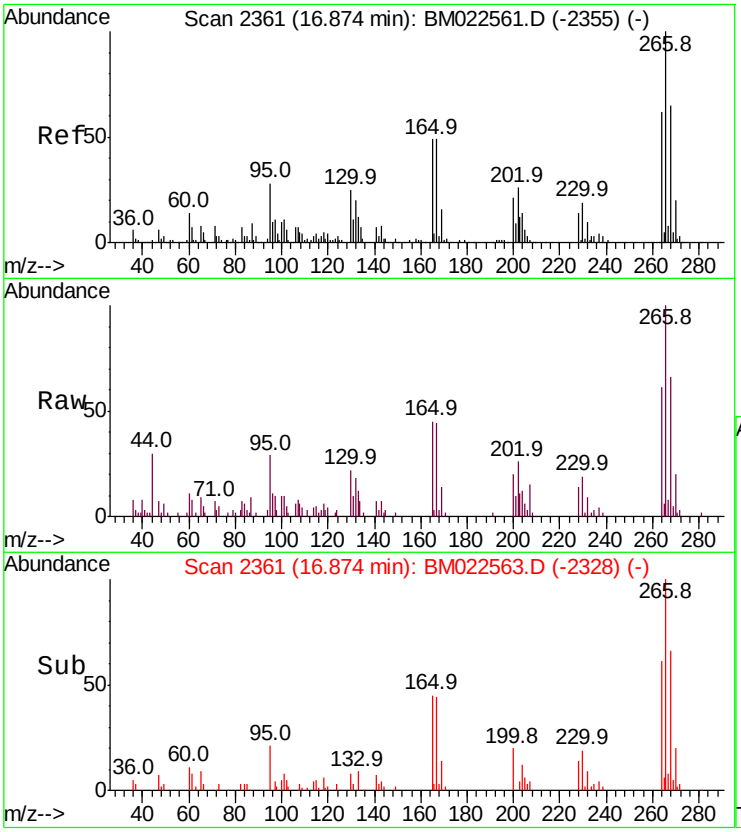


#68
Atrazine
Concen: 3.042 ng/ul
RT: 16.69 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:200 Resp: 59227

Ion	Ratio	Lower	Upper
200	100		
173	27.4	21.6	32.4
215	49.3	39.0	58.4



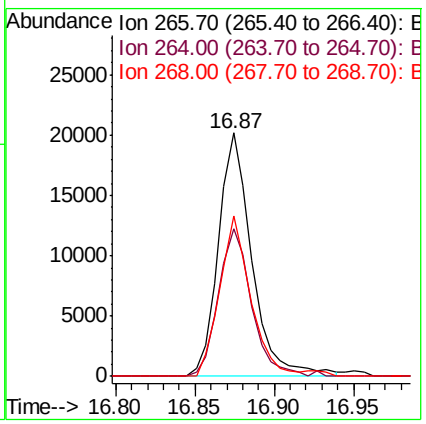


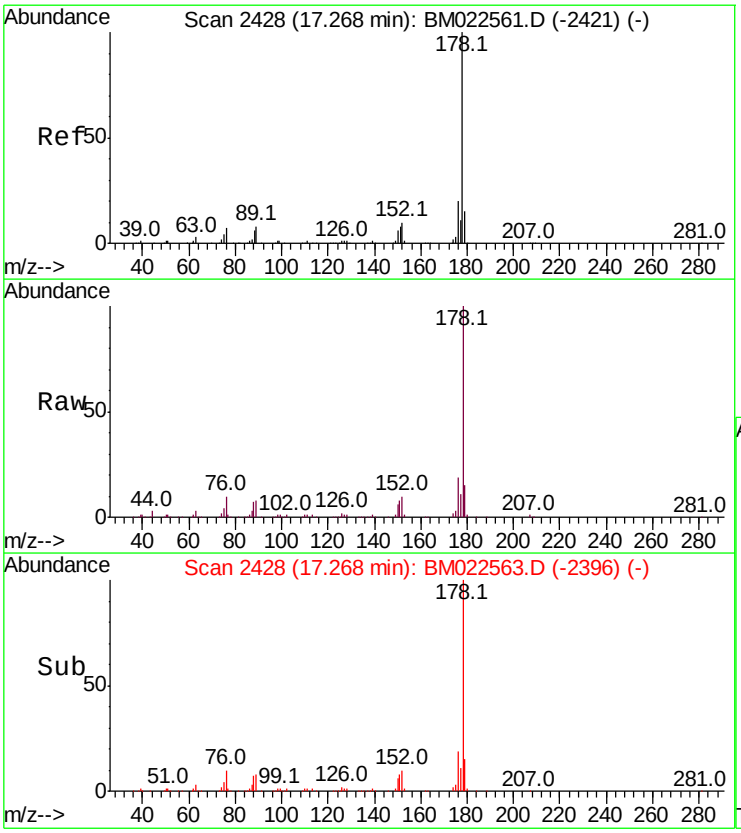
#69
Pentachlorophenol
Concen: 2.634 ng/ul
RT: 16.87 min Scan# 2361
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:266 Resp: 29699

Ion	Ratio	Lower	Upper
266	100		
264	60.6	50.8	76.2
268	65.7	50.9	76.3

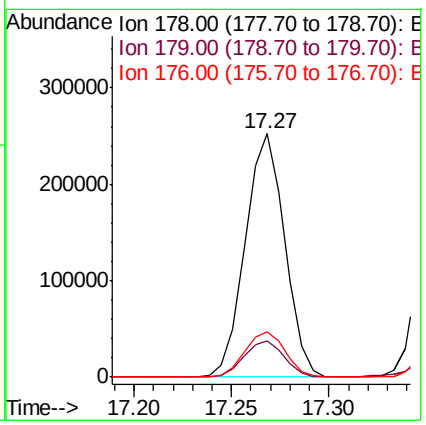


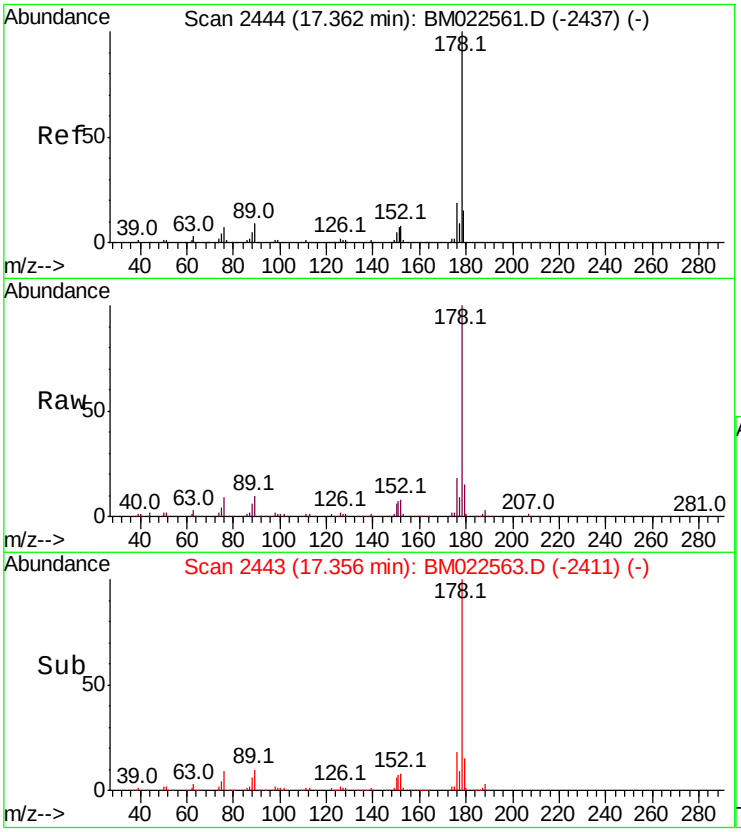


#70
Phenanthrene
Concen: 3.875 ng/ul
RT: 17.27 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:178 Resp: 352073

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.0	18.0
176	18.8	15.4	23.0



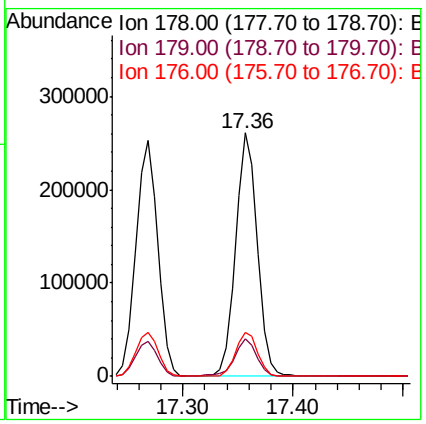


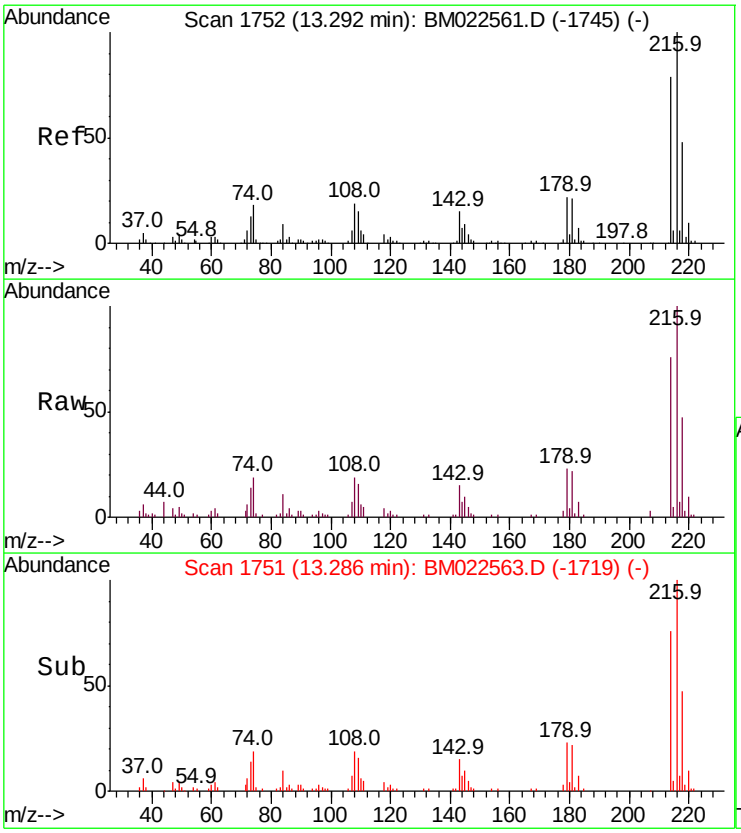
#72
Anthracene
Concen: 3.837 ng/ul
RT: 17.36 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:178 Resp: 358157

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.2	14.7	22.1

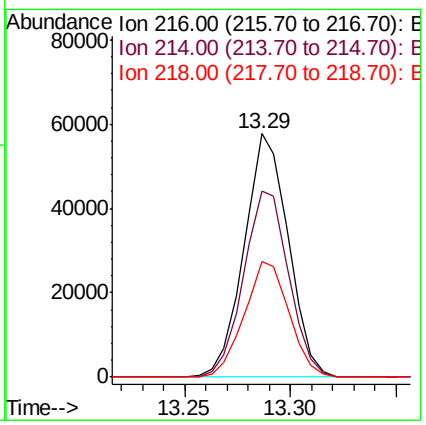


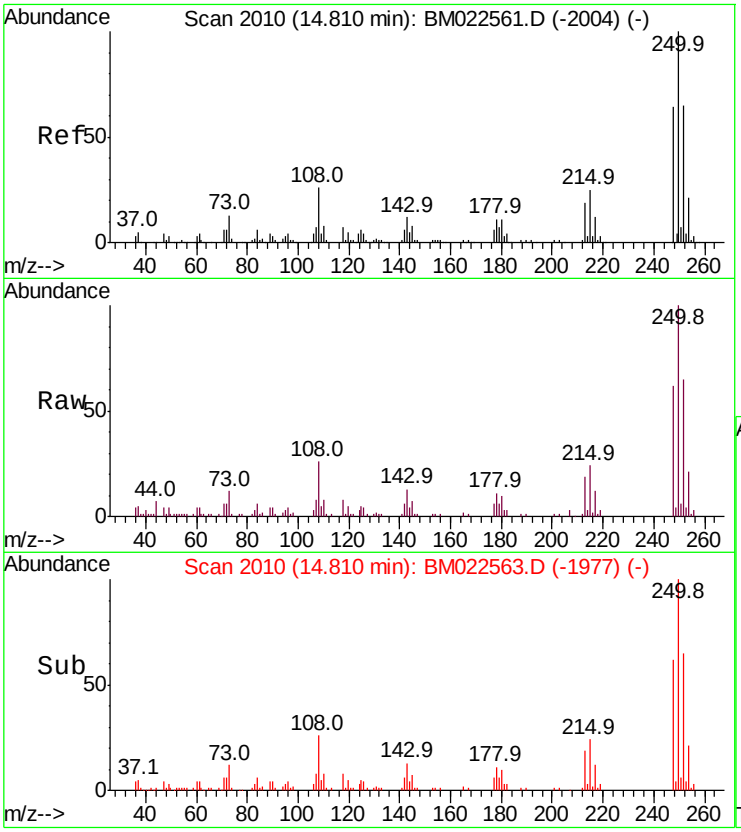


#73
1,2,3,4-Tetrachlorobenzene
Concen: 3.630 ng/uL
RT: 13.29 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:216 Resp: 83870

Ion	Ratio	Lower	Upper
216	100		
214	76.4	62.5	93.7
218	47.3	38.2	57.4



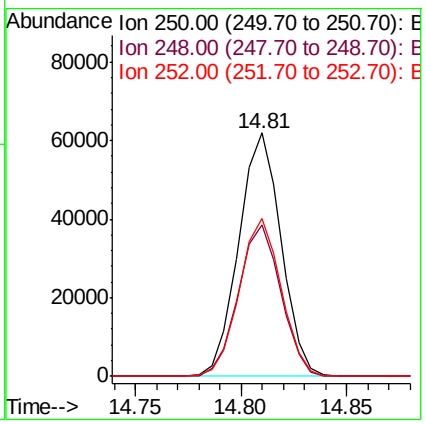


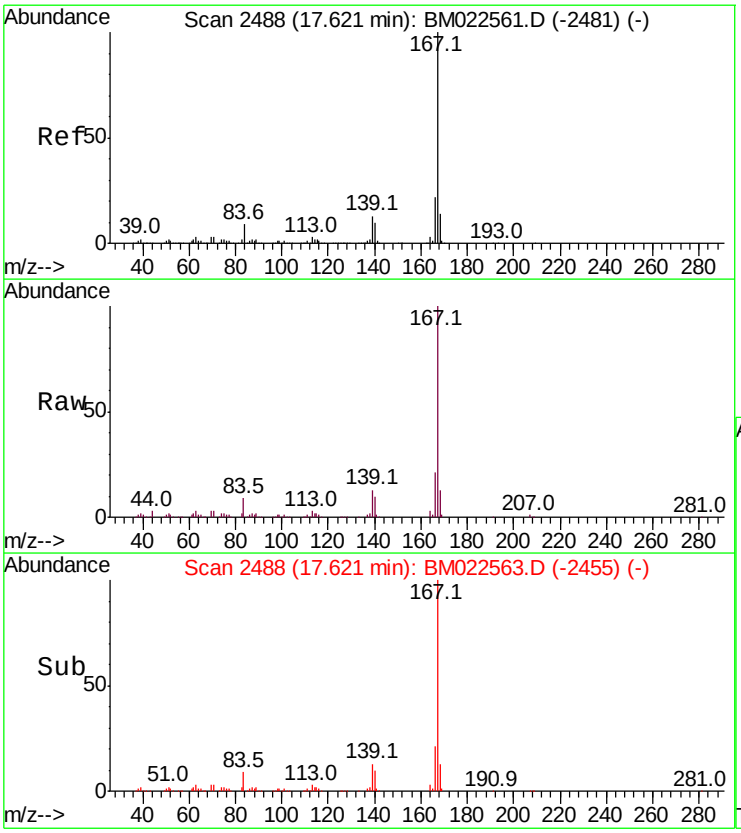
#74
Pentachlorobenzene
Concen: 3.702 ng/uL
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:250 Resp: 86208

Ion	Ratio	Lower	Upper
250	100		
248	62.2	51.3	76.9
252	64.6	51.1	76.7

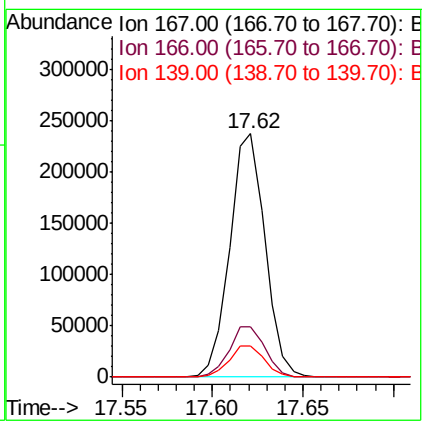


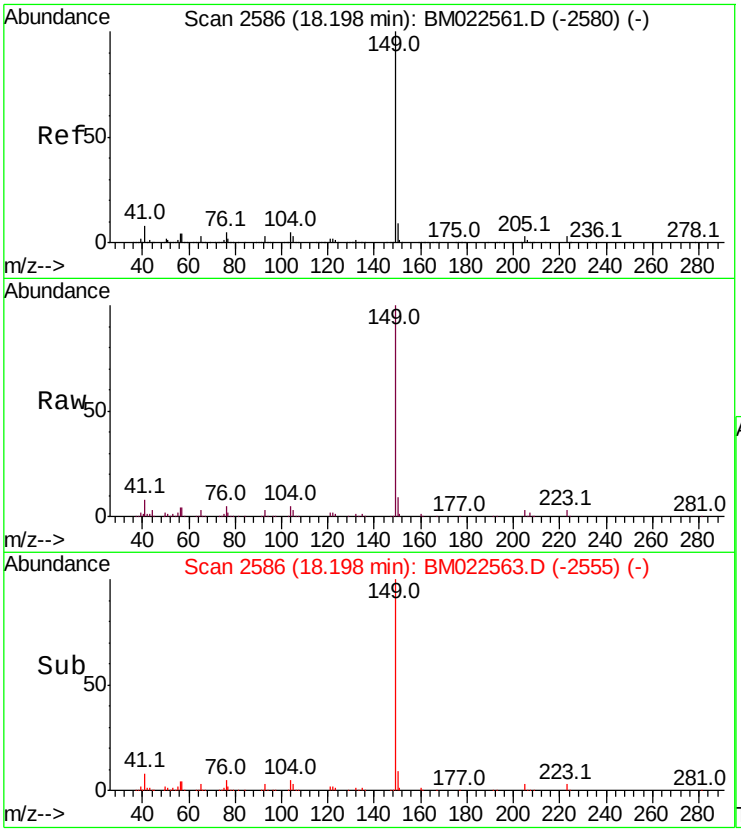


#75
Carbazole
Concen: 3.816 ng/ul
RT: 17.62 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:167 Resp: 320102

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.4	26.0
139	12.6	10.6	15.8



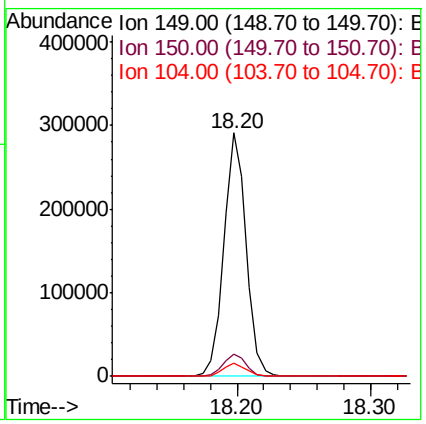


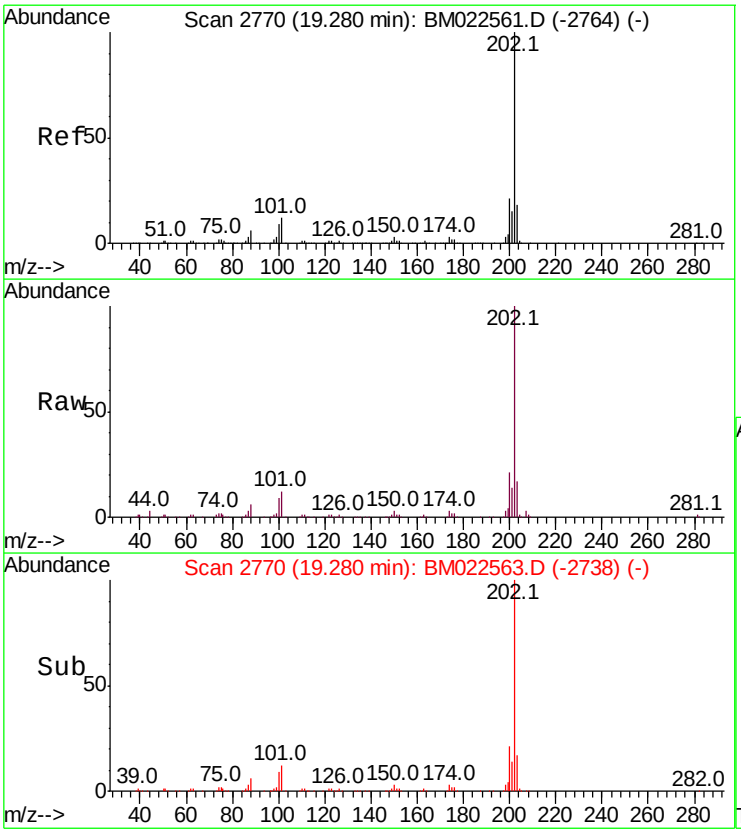
#76
Di-n-butylphthalate
Concen: 3.220 ng/ul
RT: 18.20 min Scan# 2586
Delta R.T. -0.02 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:149 Resp: 342152

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	5.3	3.9	5.9

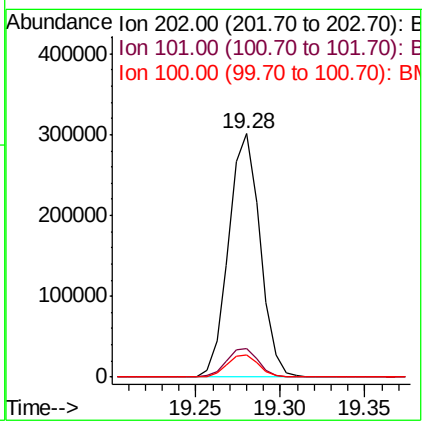


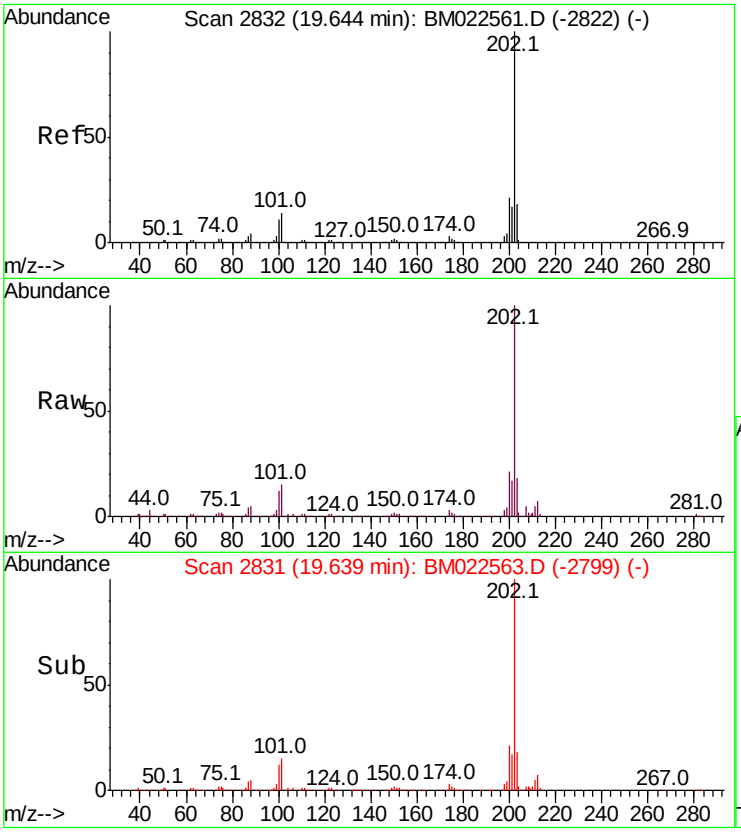


#77
Fluoranthene
Concen: 3.786 ng/ul
RT: 19.28 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:202 Resp: 390403

Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.8	13.2
100	8.9	6.3	9.5



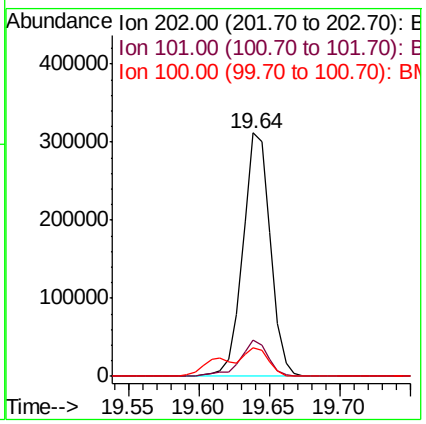


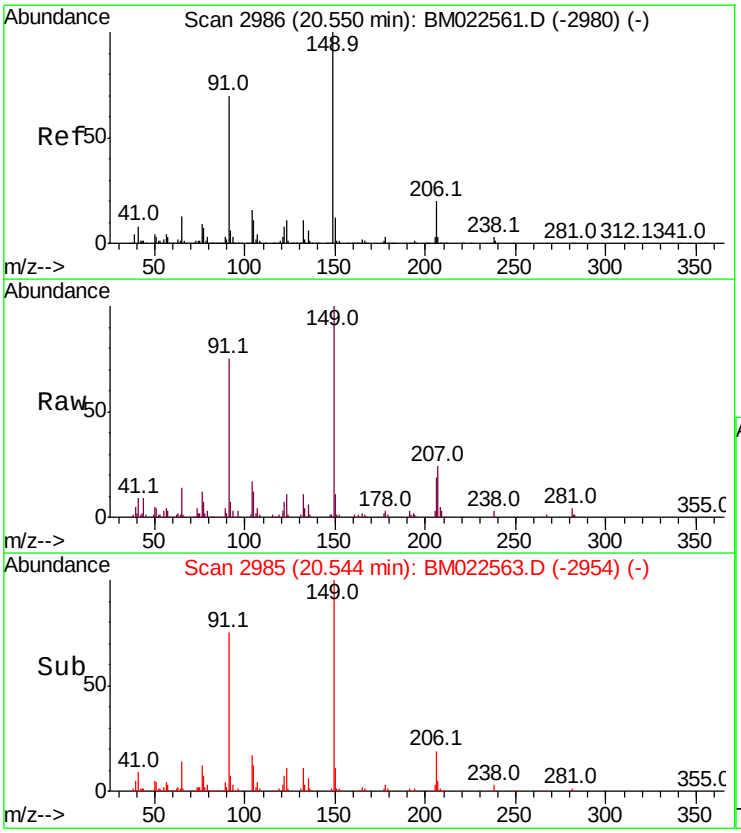
#80
Pyrene
Concen: 3.826 ng/ul
RT: 19.64 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:202 Resp: 422767

Ion	Ratio	Lower	Upper
202	100		
101	14.9	10.6	16.0
100	11.9	8.6	13.0

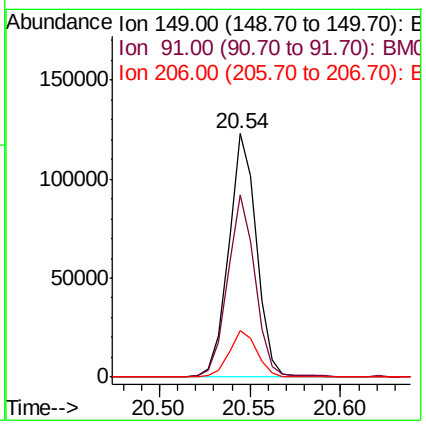


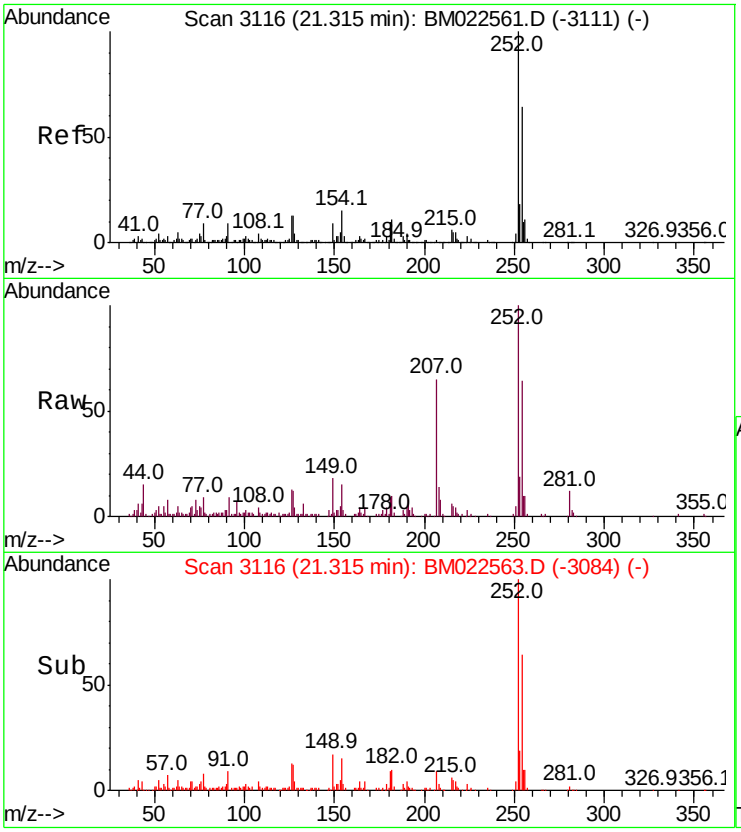


#81
Butylbenzylphthalate
Concen: 2.812 ng/ul
RT: 20.54 min Scan# 2985
Delta R.T. -0.02 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:149 Resp: 131034

Ion	Ratio	Lower	Upper
149	100		
91	74.8	55.4	83.0
206	19.3	17.0	25.4



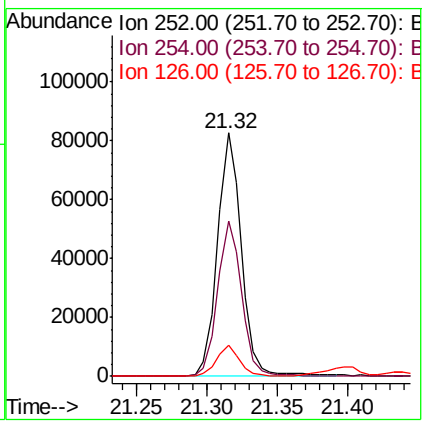


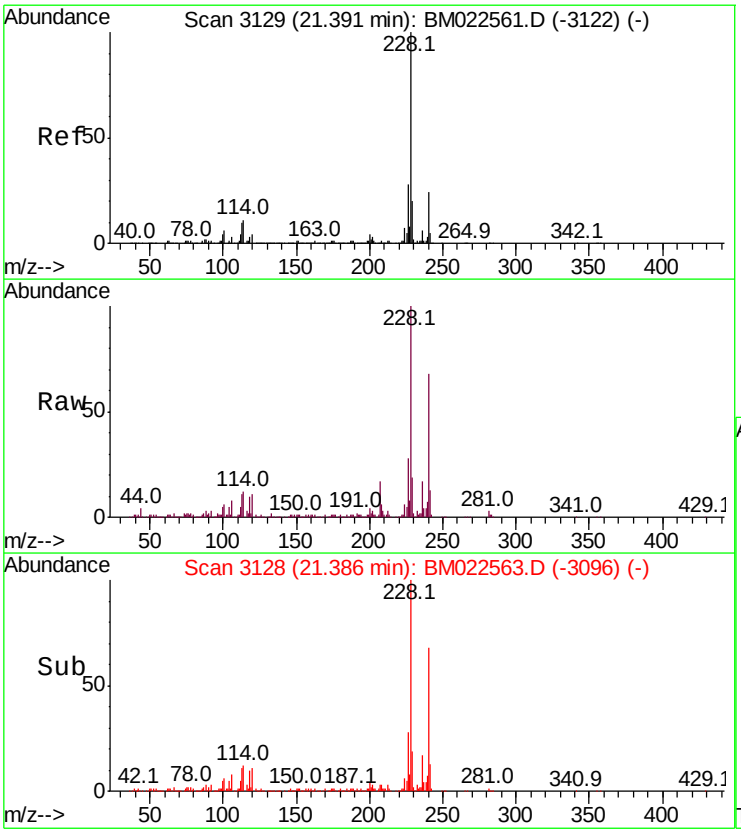
#82
3,3'-Dichlorobenzidine
Concen: 2.518 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:252 Resp: 97783

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.2	76.8
126	12.5	8.6	13.0

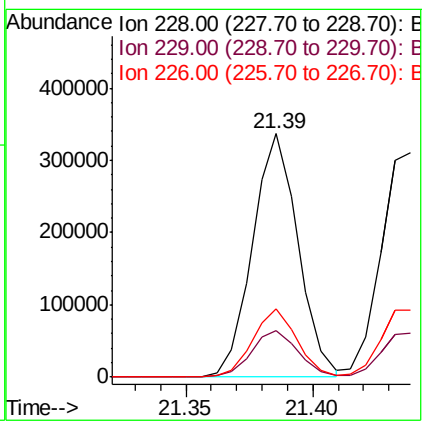


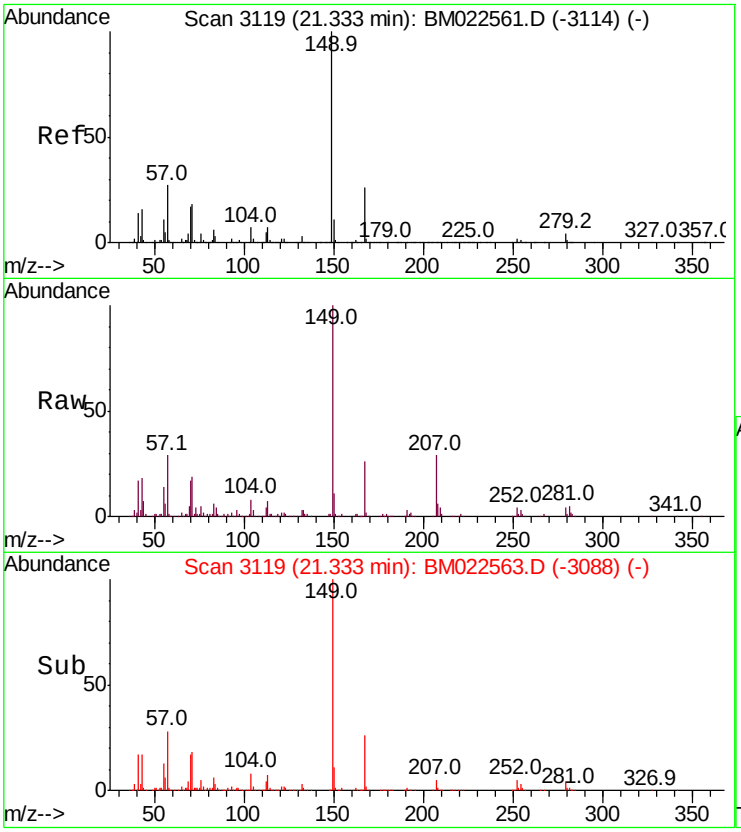


#83
Benzo(a)anthracene
Concen: 3.735 ng/ul
RT: 21.39 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:228 Resp: 423017

Ion	Ratio	Lower	Upper
228	100		
229	19.1	15.7	23.5
226	28.0	22.2	33.2



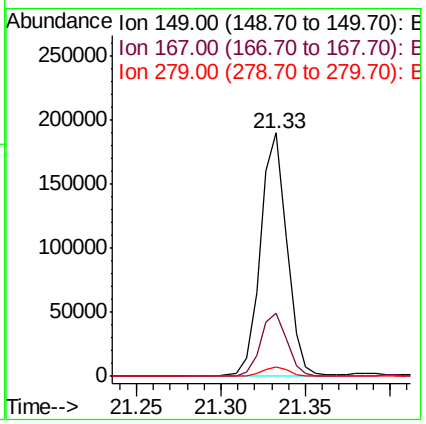


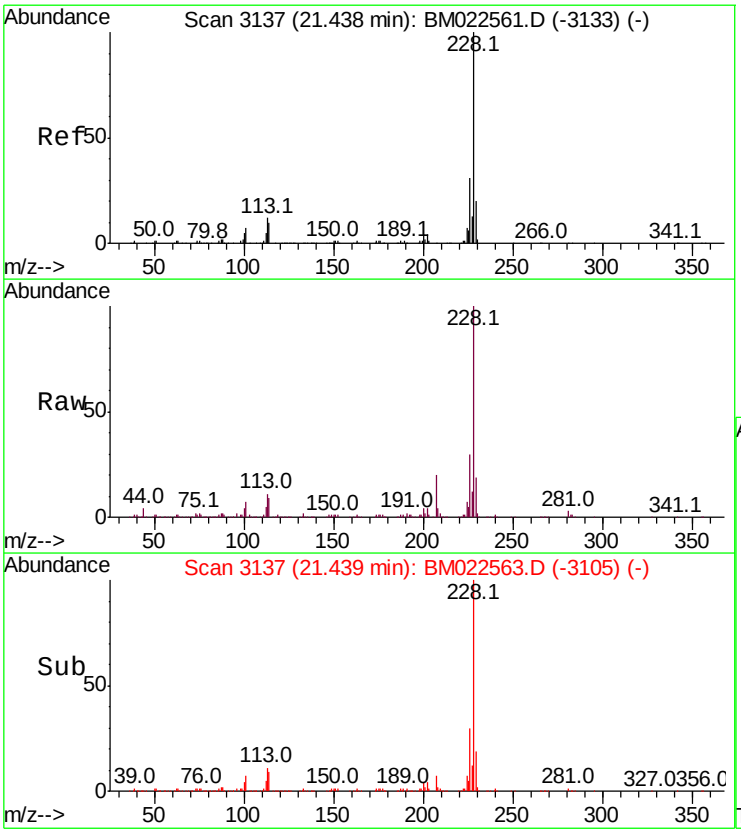
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.898 ng/ul
RT: 21.33 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:149 Resp: 204859

Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.7	32.5
279	4.0	3.5	5.3

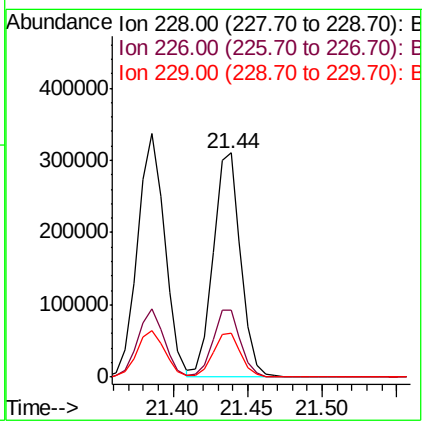


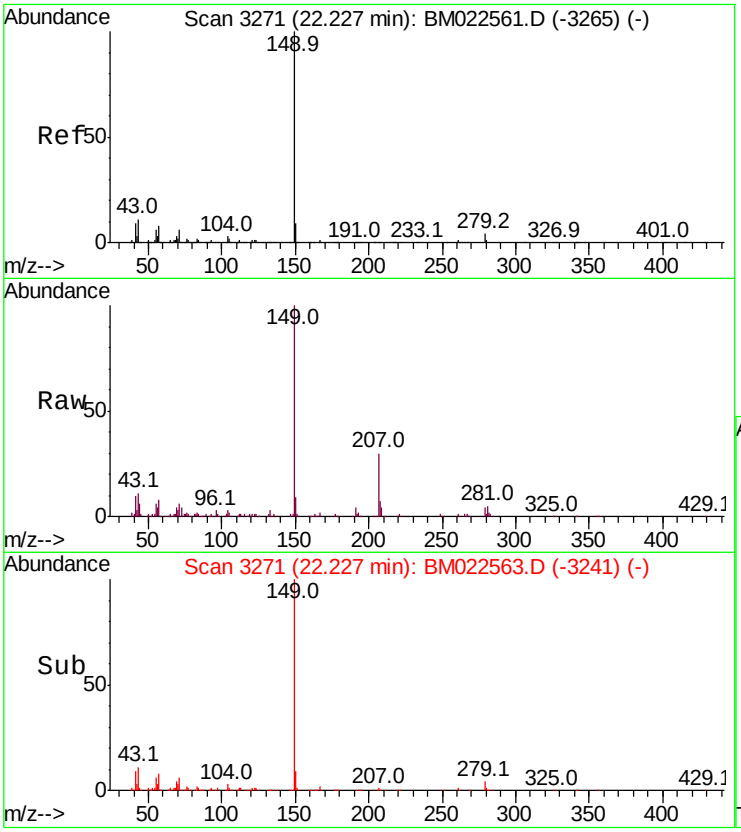


#85
Chrysene
Concen: 3.828 ng/ul
RT: 21.44 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:228 Resp: 398993

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.4
229	19.5	15.8	23.6

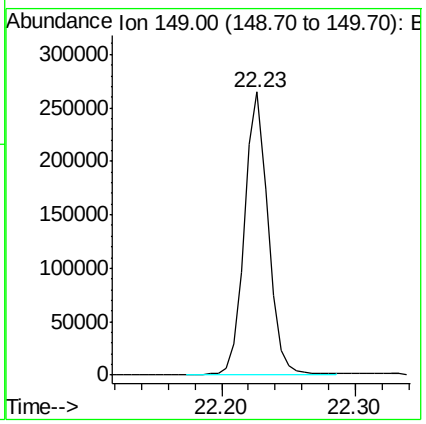


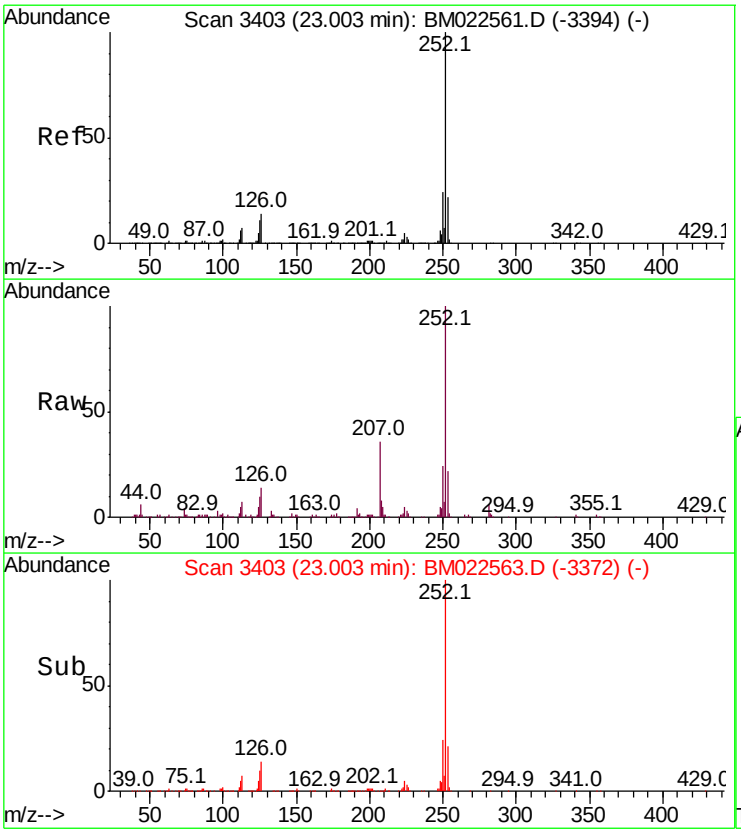


#87
Di-n-octyl phthalate
Concen: 2.528 ng/ul
RT: 22.23 min Scan# 3271
Delta R.T. -0.02 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:149 Resp: 315863

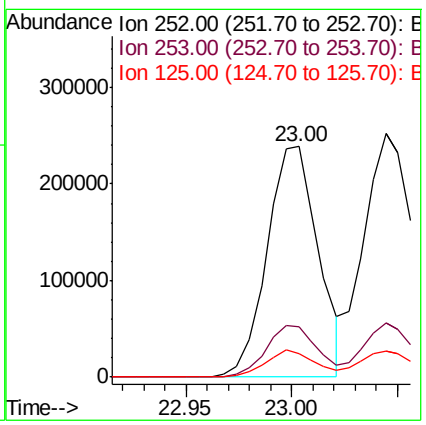


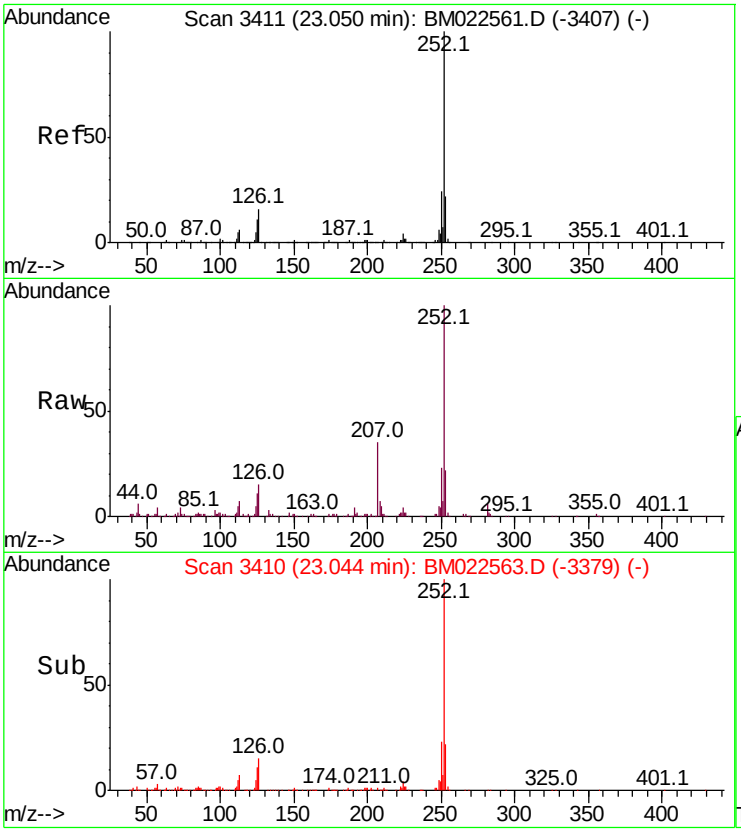


#88
Benzo(b)fluoranthene
Concen: 3.510 ng/ul
RT: 23.00 min Scan# 3403
Delta R.T. -0.02 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:252 Resp: 403014

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	10.4	8.0	12.0



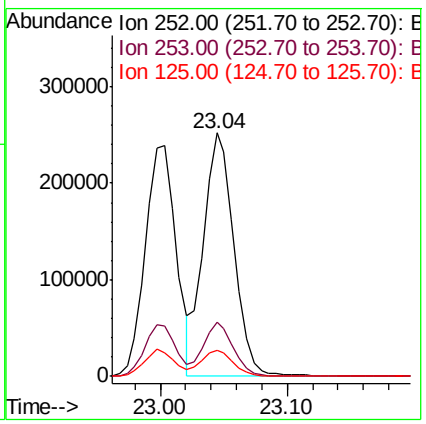


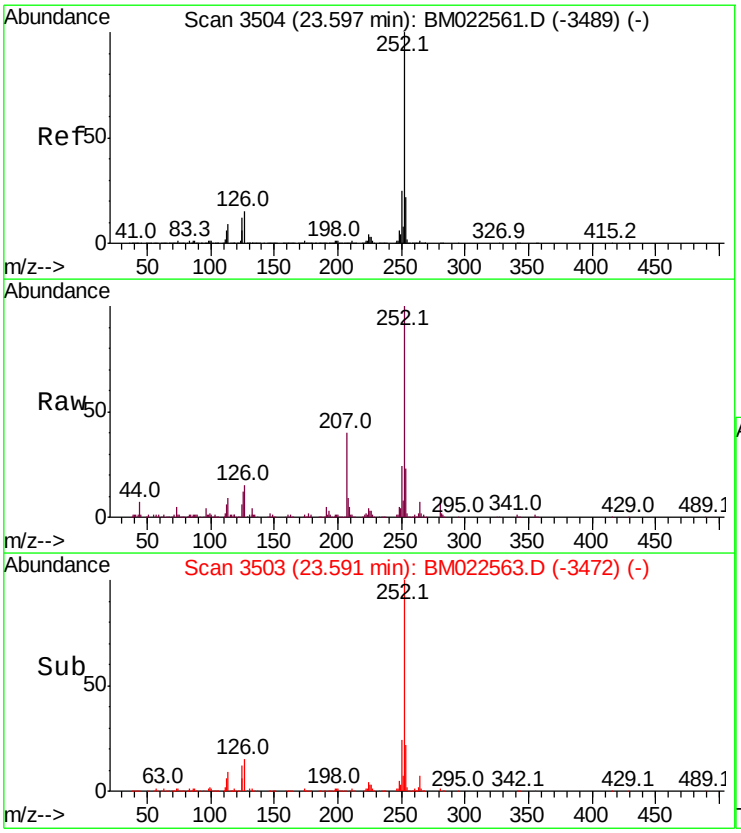
#89
Benzo(k)fluoranthene
Concen: 3.774 ng/ul
RT: 23.04 min Scan# 3410
Delta R.T. -0.02 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:252 Resp: 421098

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	10.7	8.2	12.2

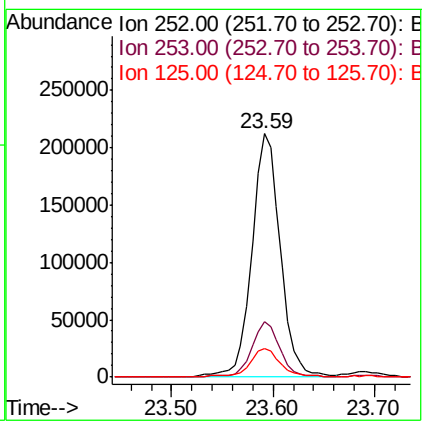


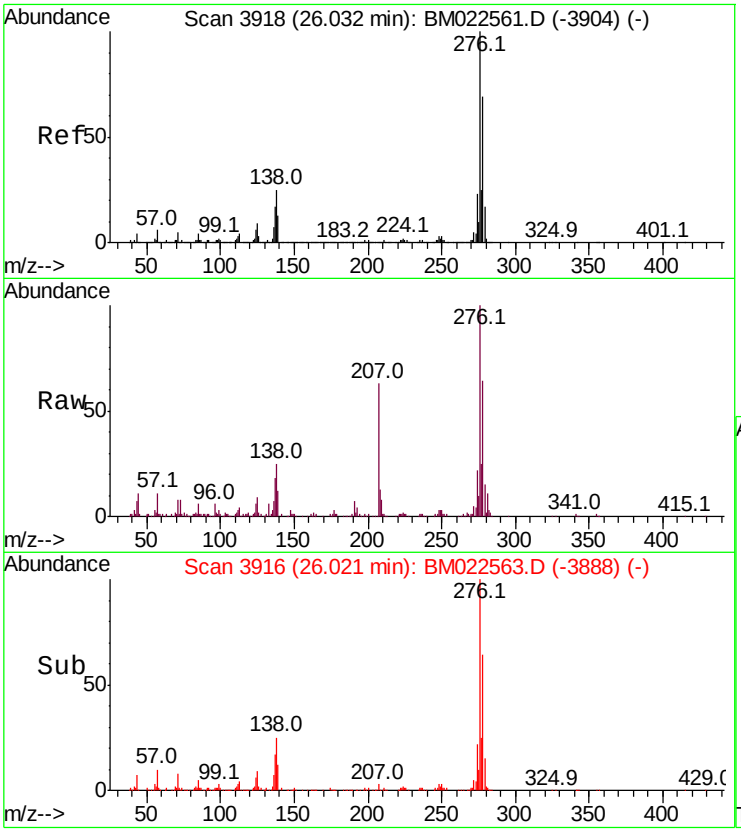


#91
Benzo(a)pyrene
Concen: 3.795 ng/ul
RT: 23.59 min Scan# 3503
Delta R.T. -0.02 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:252 Resp: 415772

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	11.8	8.9	13.3



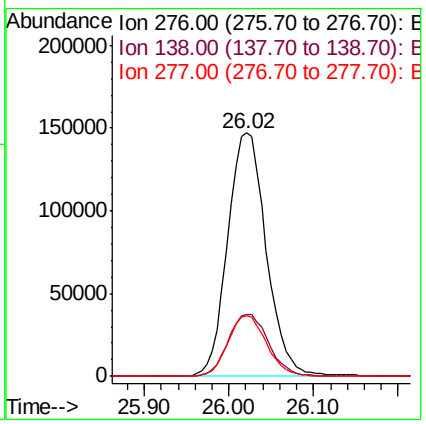


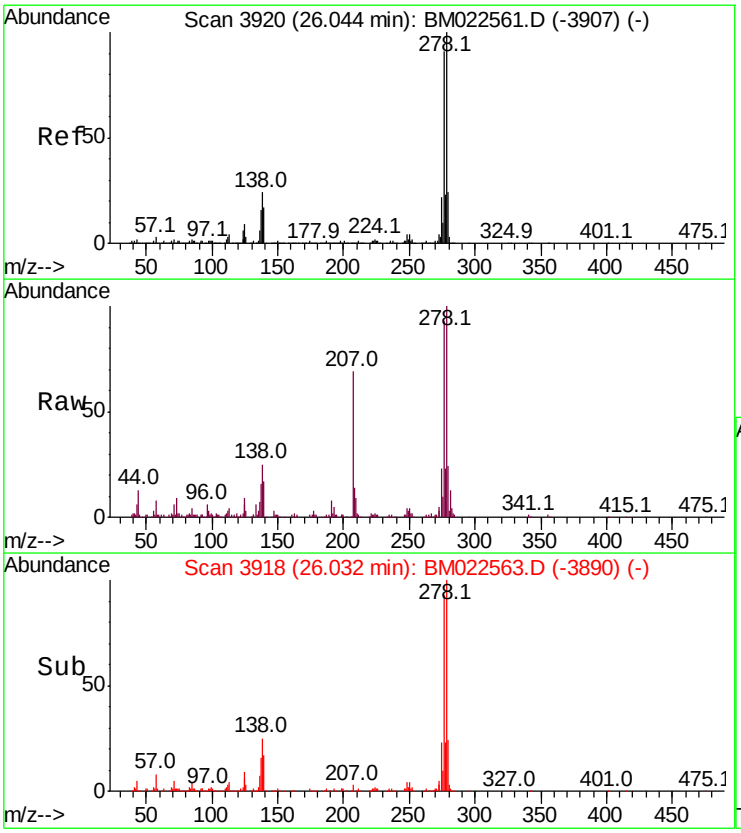
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.688 ng/ul
RT: 26.02 min Scan# 3916
Delta R.T. -0.04 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:276 Resp: 466832

Ion	Ratio	Lower	Upper
276	100		
138	25.5	19.2	28.8
277	25.0	19.8	29.8

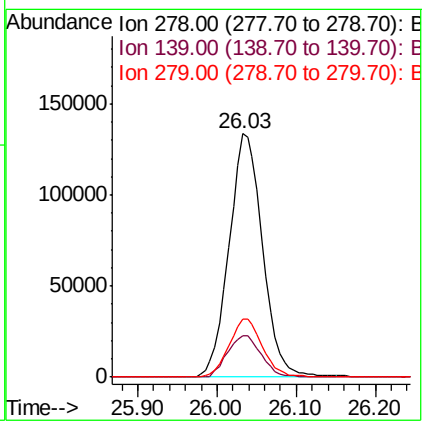


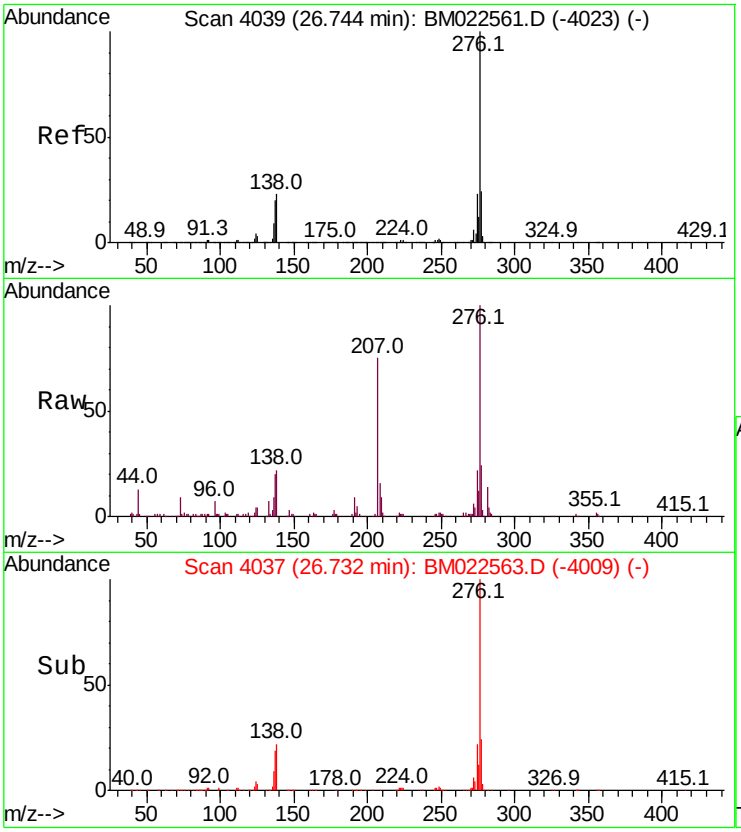


#93
Dibenzo(a,h)anthracene
Concen: 3.717 ng/ul
RT: 26.03 min Scan# 3918
Delta R.T. -0.04 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Tgt Ion:278 Resp: 391445

Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.3	19.9
279	23.7	19.2	28.8



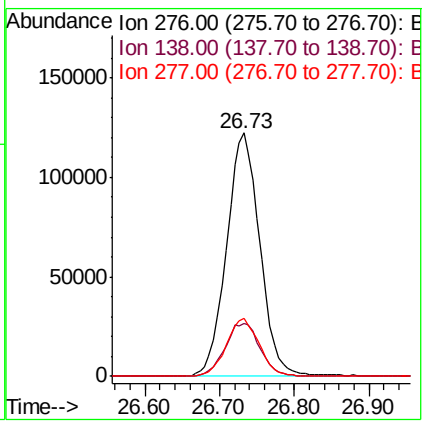


#94
Benzo(g,h,i)perylene
Concen: 3.643 ng/ul
RT: 26.73 min Scan# 4037
Delta R.T. -0.04 min
Lab File: BM022563.D
Acq: 06 Sep 2019 21:49

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Tgt Ion:276 Resp: 378784

Ion	Ratio	Lower	Upper
276	100		
138	21.9	17.0	25.6
277	23.7	18.8	28.2



Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022563.D
Acq On : 06 Sep 2019 21:49
Operator : HP/JU
Sample : MDL-S-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-S-01

Quant Time: Sep 06 23:22:20 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	251519	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1129818	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.49	164	716552	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1484039	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	1526917	20.00	ng/ul	-0.01
86) Perylene-d12	23.69	264	1745385	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	9971	1.65	ng/uL	0.00
5) Phenol-d5	7.01	99	580602	25.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	365553	27.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	463544	25.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	475654	25.22	ng/ul	-0.01
19) Nitrobenzene-d5	9.01	128	222550	27.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	200526	26.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	444658	23.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	672868	26.69	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	1520994	26.19	ng/ul	-0.01
47) Acenaphthylene-d8	14.18	160	1911685	27.50	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.66	143	253843	25.60	ng/ul	0.00
58) Fluorene-d10	15.48	176	1281541	26.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	152439	22.60	ng/ul	-0.01
71) Anthracene-d10	17.32	188	2003309	26.35	ng/ul	-0.01
79) Pyrene-d10	19.62	212	2189496	25.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	2379144	25.36	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	8637	1.422	ng/uL	96
4) Benzaldehyde	6.99	77	39424	3.254	ng/ul	90
6) Phenol	7.04	94	90234	3.722	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.27	93	70965	3.854	ng/ul	98
10) 2-Chlorophenol	7.42	128	71113	3.692	ng/ul	96
11) 2-Methylphenol	8.29	108	64167	3.391	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.39	45	110983	4.098	ng/ul	98
14) Acetophenone	8.67	105	117113	3.979	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.66	70	59902	3.768	ng/ul	97
16) 4-Methylphenol	8.62	108	73490	3.597	ng/ul	97
17) Hexachloroethane	8.95	117	29152	3.820	ng/ul	97
20) Nitrobenzene	9.05	77	87354	4.283	ng/ul	99
21) Isophorone	9.58	82	163851	3.585	ng/ul	100
23) 2-Nitrophenol	9.76	139	34087	3.821	ng/ul	100
24) 2,4-Dimethylphenol	9.82	107	79843	3.570	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.06	93	99383	3.709	ng/ul	99
27) 2,4-Dichlorophenol	10.29	162	66770	3.544	ng/ul	93
28) Naphthalene	10.70	128	243296	3.884	ng/ul	99
30) 4-Chloroaniline	10.80	127	96767	3.737	ng/ul	94
31) Hexachlorobutadiene	11.00	225	40917	3.525	ng/ul	99
32) Caprolactam	11.58	113	20376	2.905	ng/ul	87
33) 4-Chloro-3-methylphenol	11.92	107	69534	3.344	ng/ul	99
34) 2-Methylnaphthalene	12.32	142	177326	3.757	ng/ul	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022563.D
Acq On : 06 Sep 2019 21:49
Operator : HP/JU
Sample : MDL-S-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-S-01

Quant Time: Sep 06 23:22:20 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	168932	3.747	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.68	216	82765	3.580	ng/ul	98
38) Hexachlorocyclopentadiene	12.67	237	39922	2.801	ng/ul	93
39) 2,4,6-Trichlorophenol	12.92	196	45066	3.114	ng/ul	97
40) 2,4,5-Trichlorophenol	12.98	196	51818	3.302	ng/ul	99
41) 1,1'-Biphenyl	13.32	154	231368	3.878	ng/ul	99
42) 2-Chloronaphthalene	13.36	162	173967	3.851	ng/ul	98
43) 2-Nitroaniline	13.56	65	38882	3.686	ng/ul	97
45) Dimethylphthalate	13.94	163	225164	3.820	ng/ul	100
46) 2,6-Dinitrotoluene	14.05	165	32084	3.344	ng/ul	92
48) Acenaphthylene	14.21	152	277926	3.854	ng/ul	100
49) 3-Nitroaniline	14.37	138	30618	2.943	ng/ul	96
50) Acenaphthene	14.55	153	190893	3.820	ng/ul	99
51) 2,4-Dinitrophenol	14.58	184	14091	3.201	ng/ul#	82
53) 4-Nitrophenol	14.67	109	31883	4.001	ng/ul	91
54) Dibenzofuran	14.89	168	271606	3.916	ng/ul	99
55) 2,4-Dinitrotoluene	14.84	165	50507	3.593	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.11	232	39958	3.065	ng/ul	97
57) Diethylphthalate	15.31	149	223001	3.657	ng/ul	99
59) Fluorene	15.53	166	222236	3.895	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.53	204	106555	3.774	ng/ul	99
61) 4-Nitroaniline	15.53	138	35287	2.976	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.60	198	25652	3.286	ng/ul#	75
65) N-Nitrosodiphenylamine	15.74	169	191464	3.781	ng/ul	98
66) 4-Bromophenyl-phenylether	16.42	248	64338	3.470	ng/ul	96
67) Hexachlorobenzene	16.54	284	74551	3.648	ng/ul	96
68) Atrazine	16.69	200	59227	3.042	ng/ul	99
69) Pentachlorophenol	16.87	266	29699	2.634	ng/ul	97
70) Phenanthrene	17.27	178	352073	3.875	ng/ul	99
72) Anthracene	17.36	178	358157	3.837	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	83870	3.630	ng/uL	99
74) Pentachlorobenzene	14.81	250	86208	3.702	ng/uL	98
75) Carbazole	17.62	167	320102	3.816	ng/ul	98
76) Di-n-butylphthalate	18.20	149	342152	3.220	ng/ul	100
77) Fluoranthene	19.28	202	390403	3.786	ng/ul	98
80) Pyrene	19.64	202	422767	3.826	ng/ul	96
81) Butylbenzylphthalate	20.54	149	131034	2.812	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.32	252	97783	2.518	ng/ul	99
83) Benzo(a)anthracene	21.39	228	423017	3.735	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.33	149	204859	2.898	ng/ul	98
85) Chrysene	21.44	228	398993	3.828	ng/ul	99
87) Di-n-octyl phthalate	22.23	149	315863	2.528	ng/ul	100
88) Benzo(b)fluoranthene	23.00	252	403014	3.510	ng/ul	99
89) Benzo(k)fluoranthene	23.04	252	421098	3.774	ng/ul	99
91) Benzo(a)pyrene	23.59	252	415772	3.795	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.02	276	466832	3.688	ng/ul	98
93) Dibenzo(a,h)anthracene	26.03	278	391445	3.717	ng/ul	99
94) Benzo(g,h,i)perylene	26.73	276	378784	3.643	ng/ul	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022563.D
Acq On : 06 Sep 2019 21:49
Operator : HP/JU
Sample : MDL-S-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-S-01

Quant Time: Sep 06 23:22:20 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