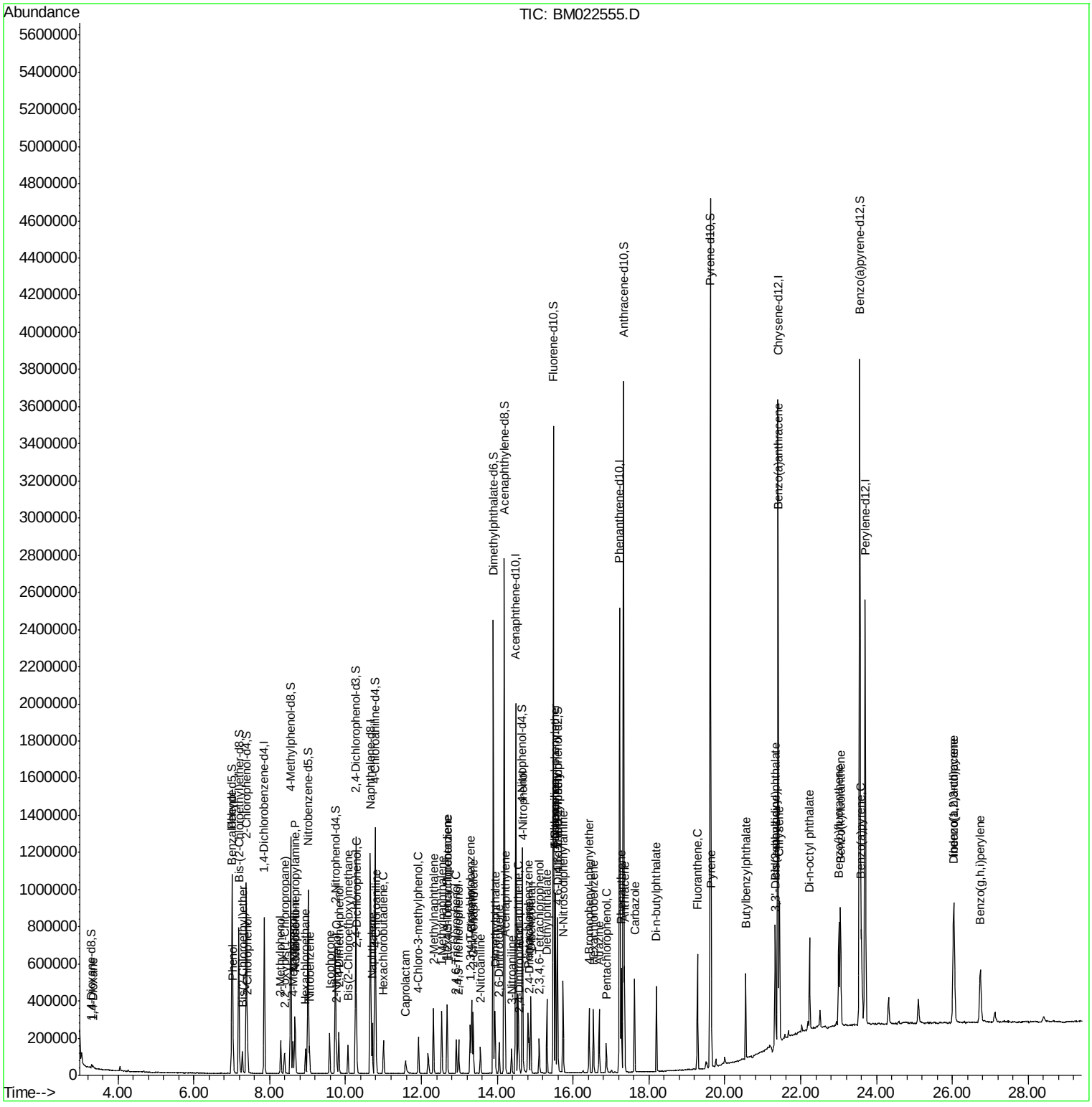
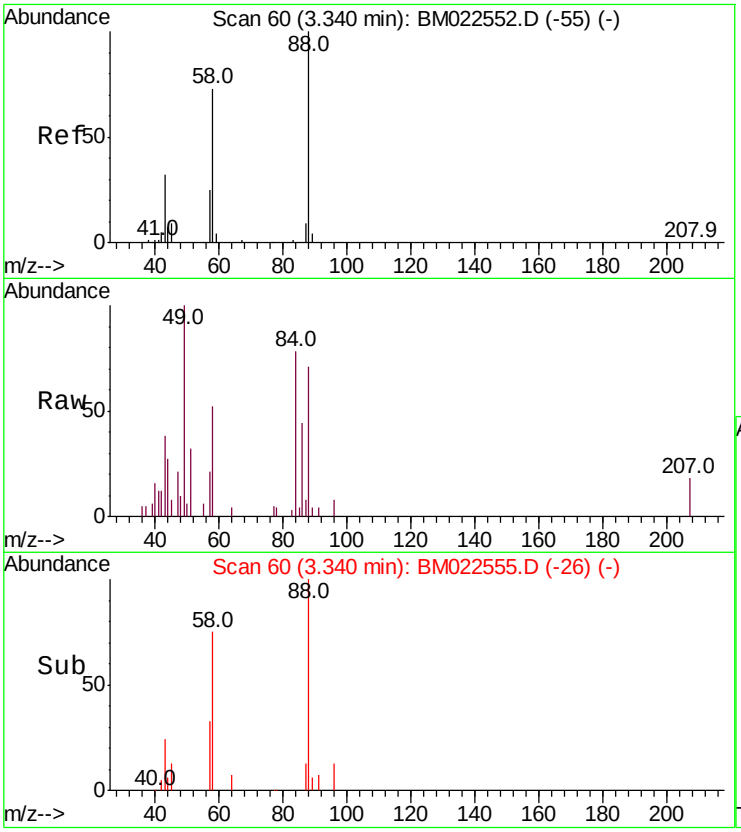
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022555.D
Acq On : 06 Sep 2019 16:56
Operator : HP/JU
Sample : MDL-W-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Quant Time: Sep 06 17:39:44 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



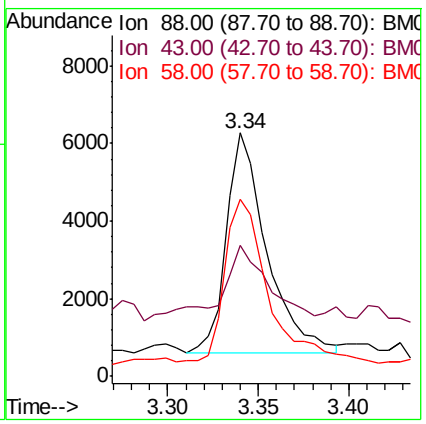


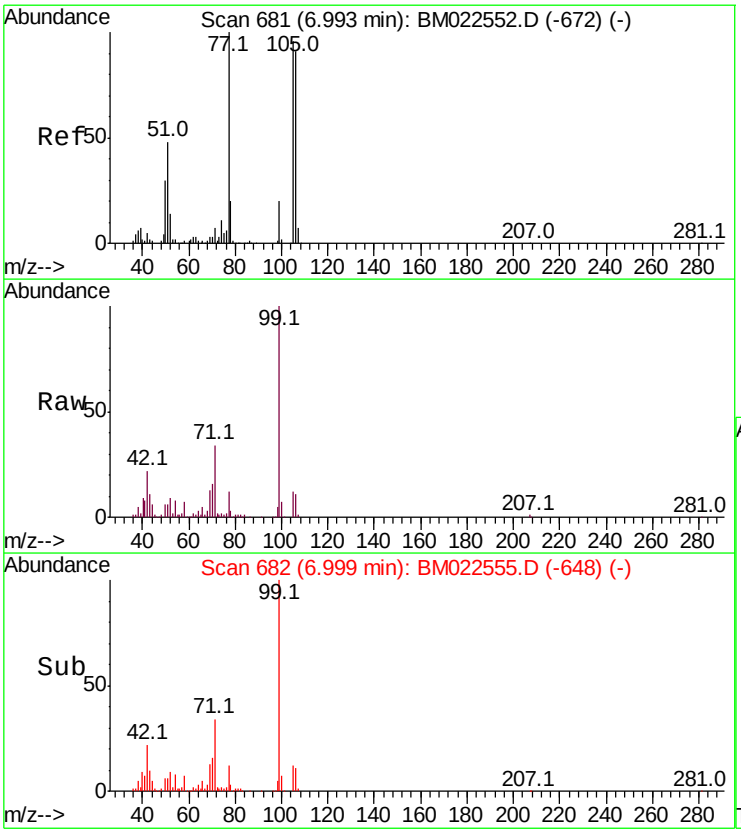
#2
1,4-Dioxane
Concen: 1.648 ng/uL
RT: 3.34 min Scan# 60
Delta R.T. 0.00 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion: 88 Resp: 8793

Ion	Ratio	Lower	Upper
88	100		
43	53.7	37.9	56.9
58	72.7	59.4	89.0

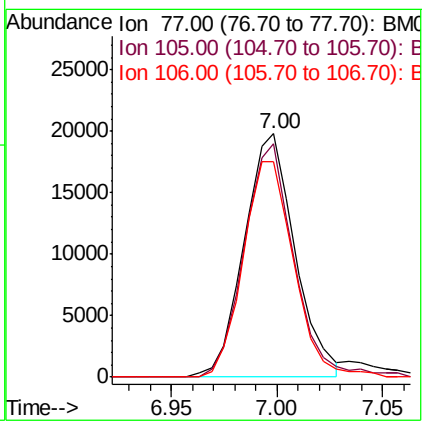


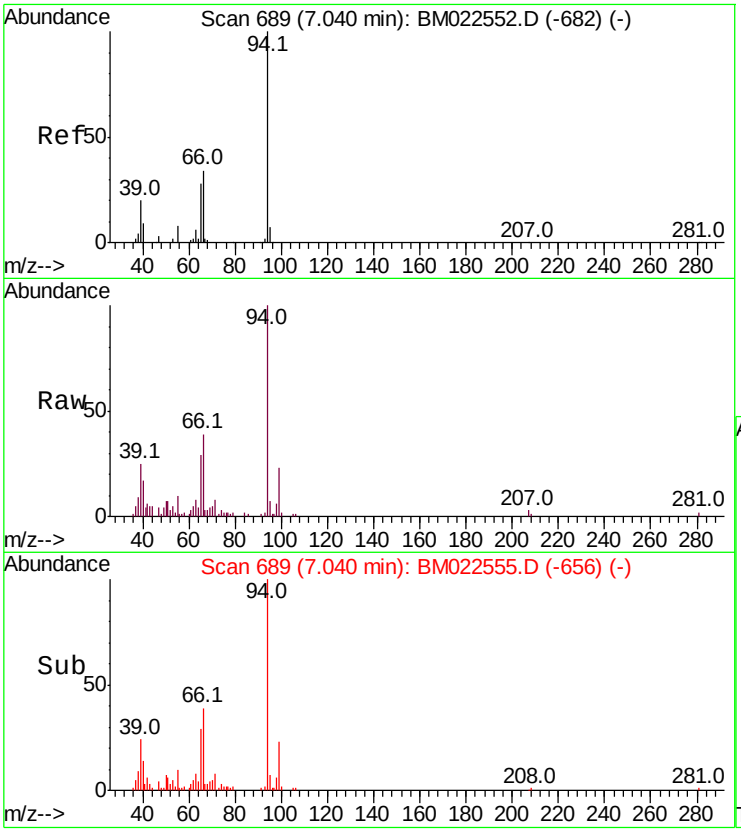


#4
Benzaldehyde
Concen: 3.111 ng/ul
RT: 7.00 min Scan# 682
Delta R.T. 0.00 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion: 77 Resp: 33112

Ion	Ratio	Lower	Upper
77	100		
105	96.0	79.0	118.6
106	88.4	75.1	112.7



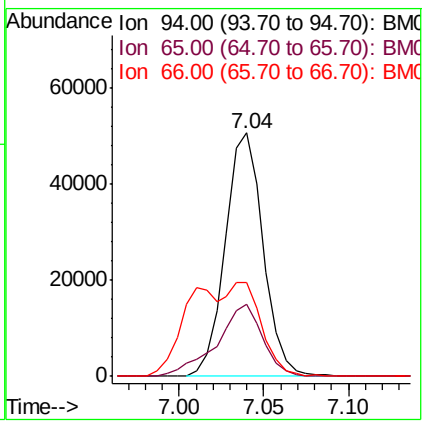


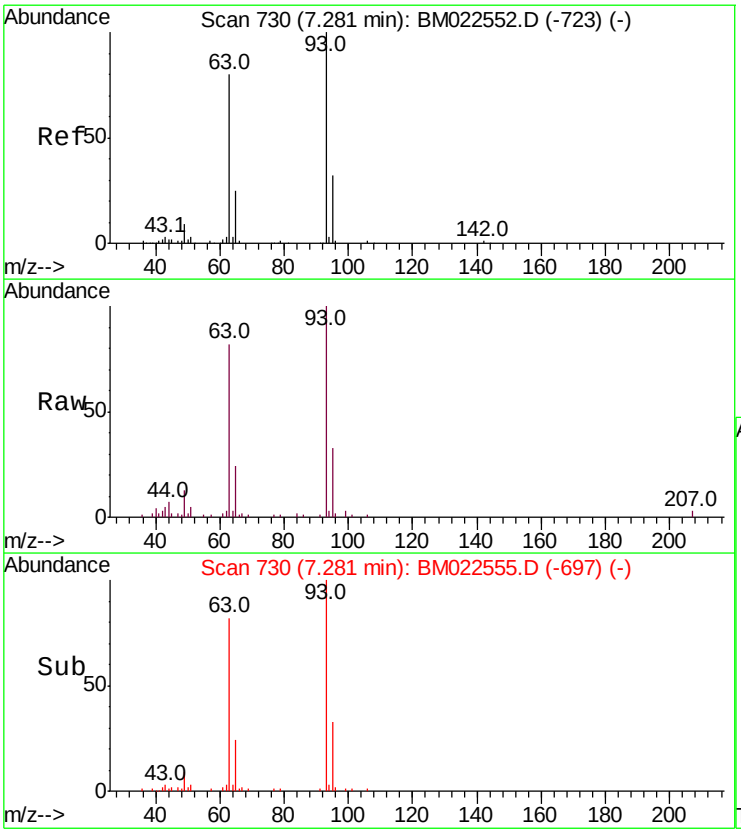
#6
Phenol
Concen: 3.706 ng/ul
RT: 7.04 min Scan# 689
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion: 94 Resp: 78931

Ion	Ratio	Lower	Upper
94	100		
65	29.5	22.8	34.2
66	38.5	29.1	43.7

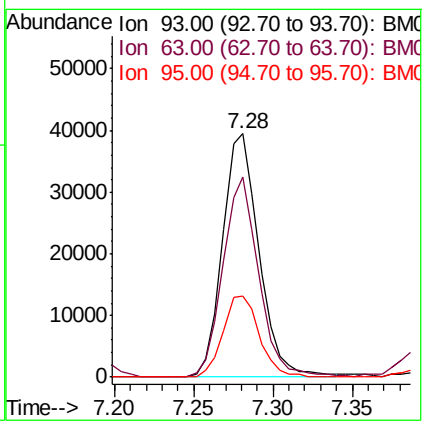


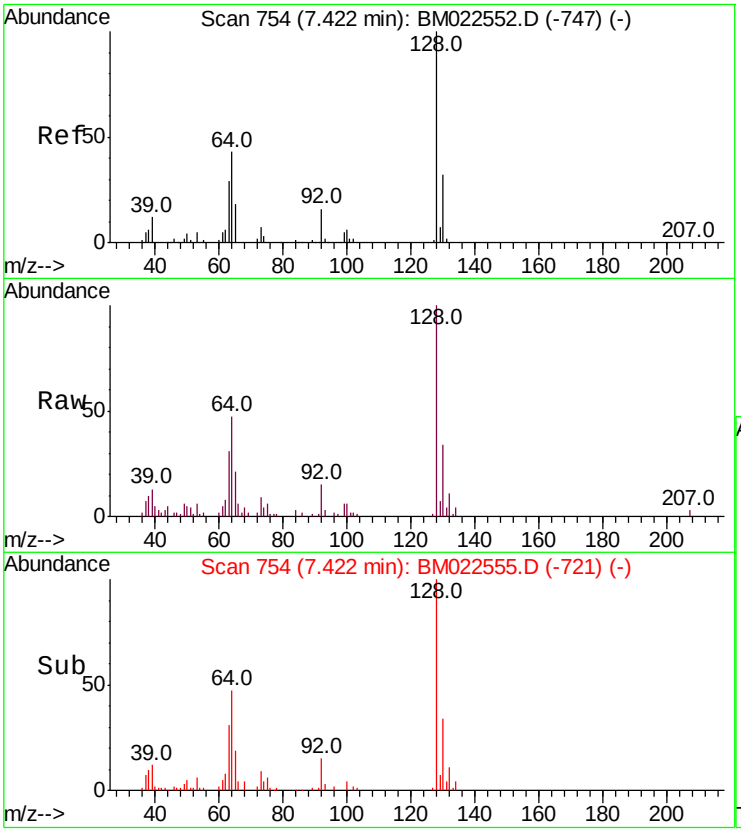


#8
Bis(2-Chloroethyl)ether
Concen: 3.896 ng/ul
RT: 7.28 min Scan# 730
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion: 93 Resp: 63012

Ion	Ratio	Lower	Upper
93	100		
63	81.9	62.2	93.2
95	33.4	26.6	39.8



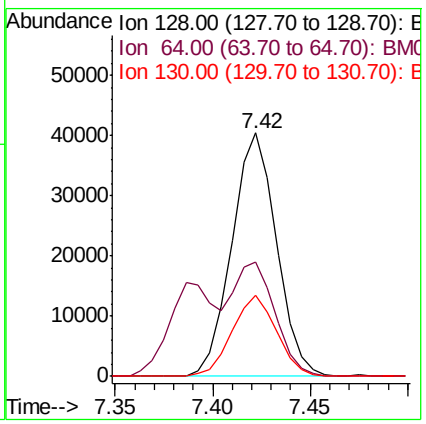


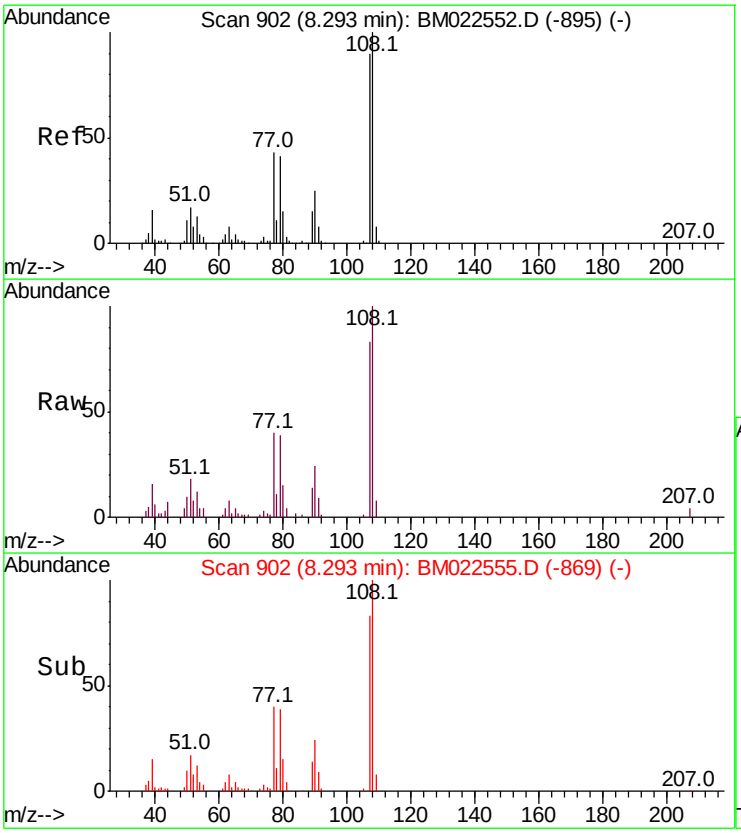
#10
2-Chlorophenol
Concen: 3.795 ng/ul
RT: 7.42 min Scan# 754
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:128 Resp: 64210

Ion	Ratio	Lower	Upper
128	100		
64	47.1	36.0	54.0
130	33.5	26.1	39.1

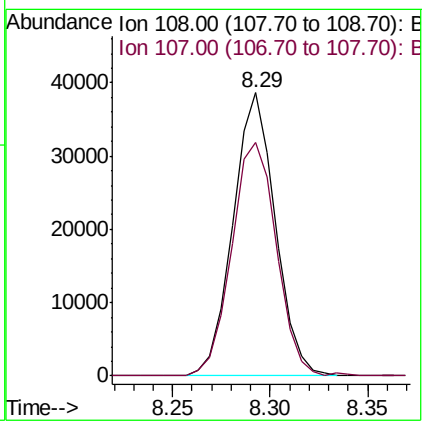


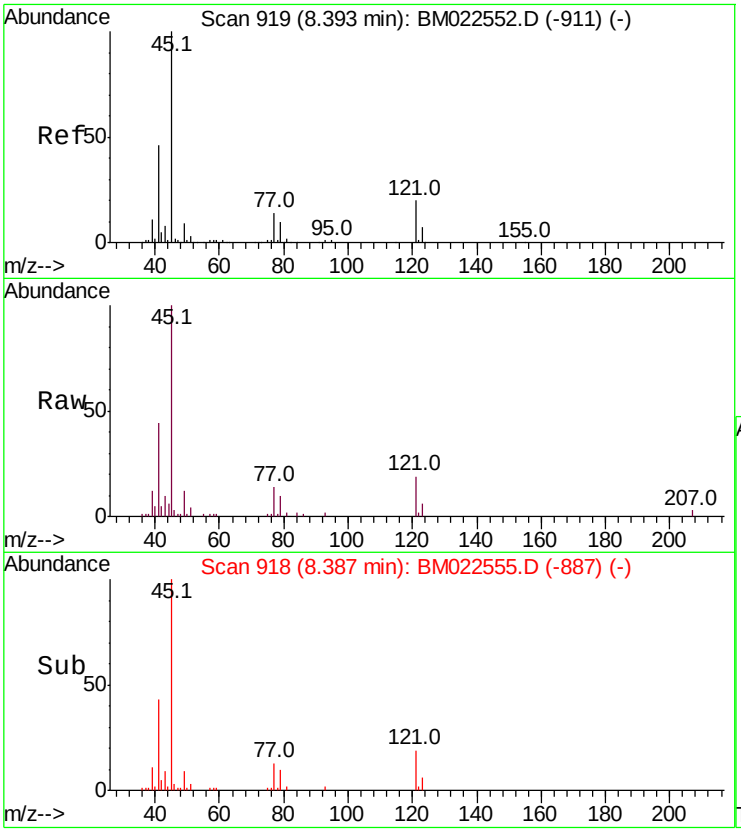


#11
2-Methylphenol
Concen: 3.488 ng/ul
RT: 8.29 min Scan# 902
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:108 Resp: 57977

Ion	Ratio	Lower	Upper
108	100		
107	82.7	70.7	106.1



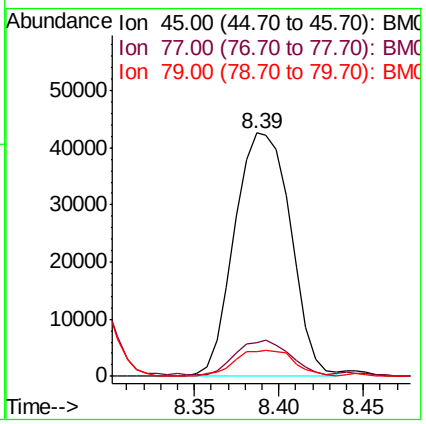


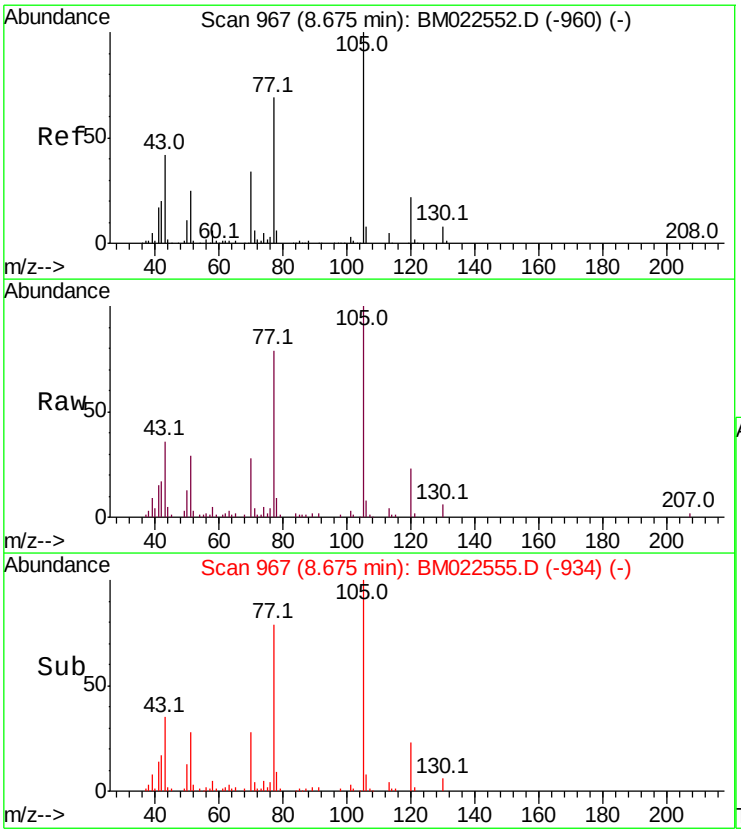
#12
2,2'-oxybis(1-Chloropropane)
Concen: 4.132 ng/ul
RT: 8.39 min Scan# 918
Delta R.T. -0.02 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion: 45 Resp: 98283

Ion	Ratio	Lower	Upper
45	100		
77	13.8	11.6	17.4
79	10.1	9.0	13.6

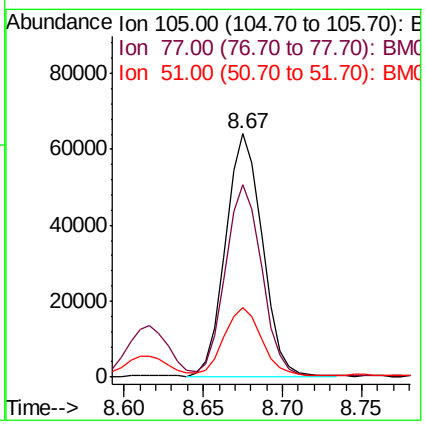


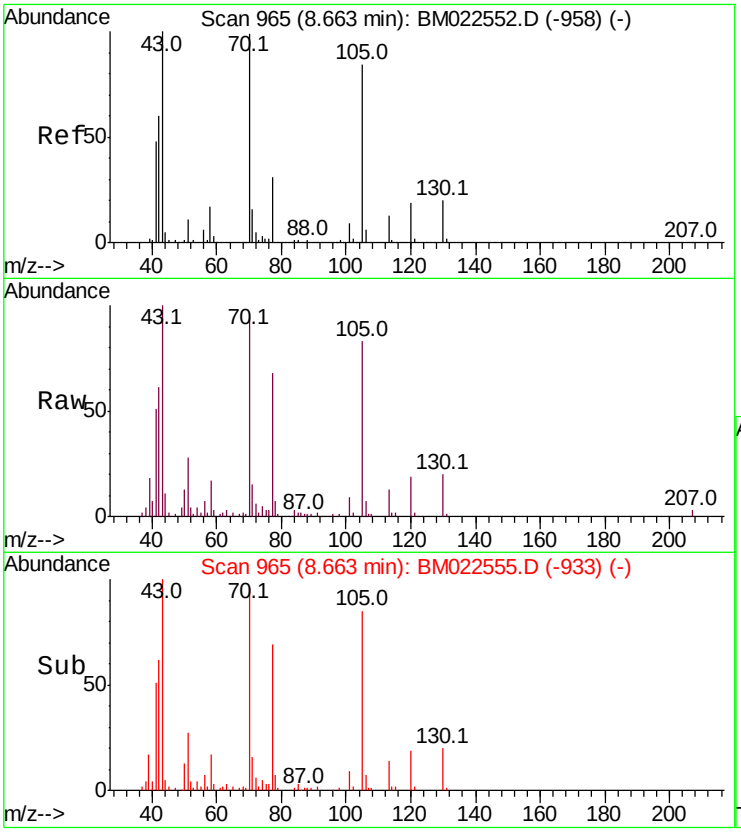


#14
Acetophenone
Concen: 3.997 ng/ul
RT: 8.67 min Scan# 967
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:105 Resp: 103347

Ion	Ratio	Lower	Upper
105	100		
77	79.1	62.1	93.1
51	28.7	21.8	32.6



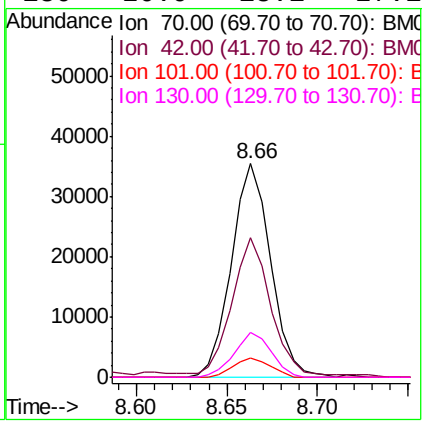


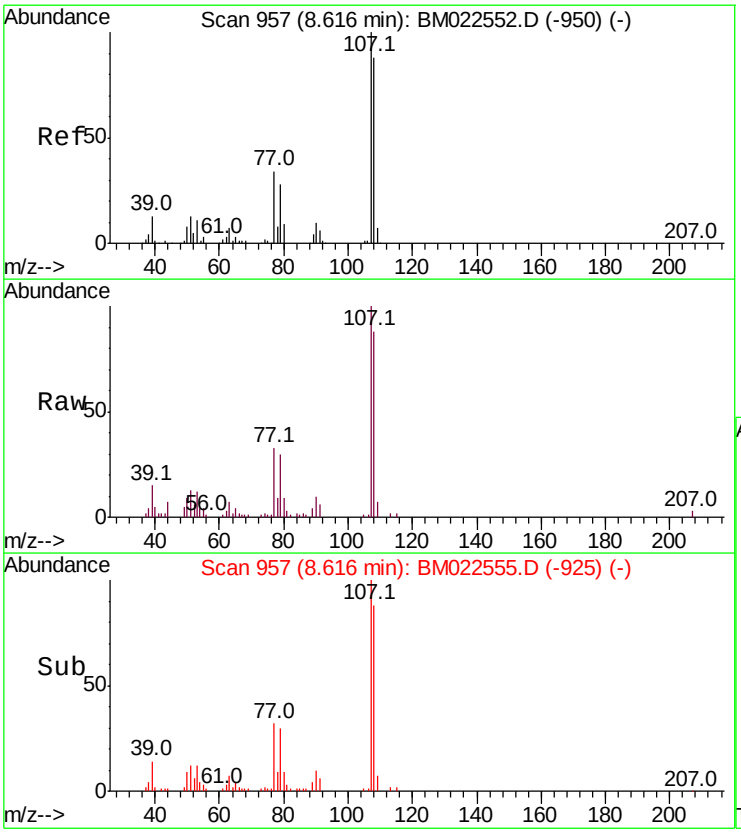
#15
N-Nitroso-di-n-propylamine
Concen: 3.820 ng/ul
RT: 8.66 min Scan# 965
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion: 70 Resp: 53358

Ion	Ratio	Lower	Upper
70	100		
42	65.2	48.3	72.5
101	9.1	8.2	12.2
130	20.9	18.1	27.1

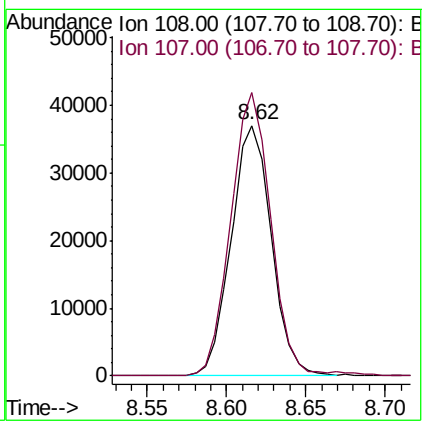


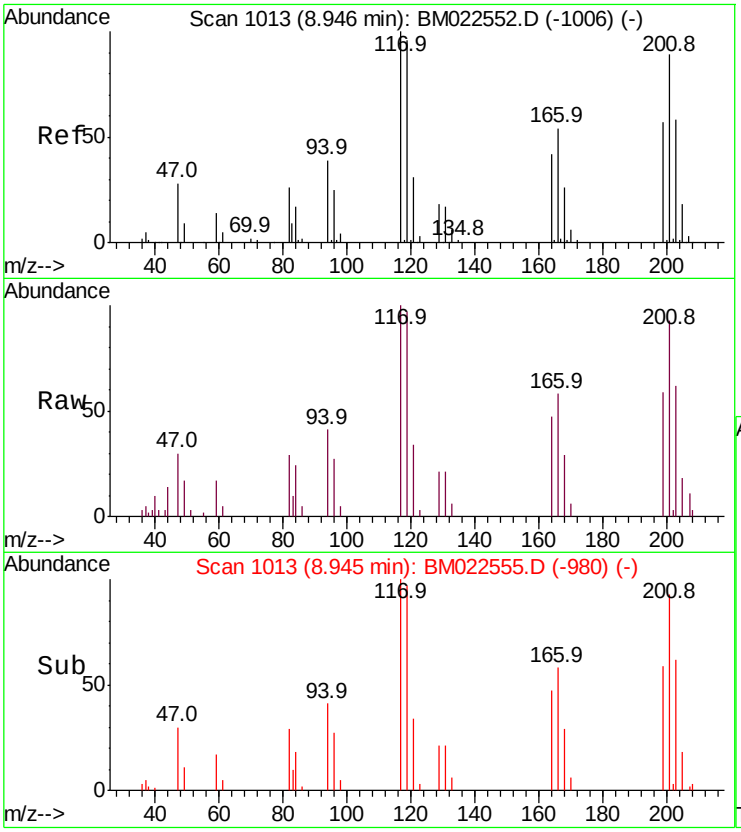


#16
4-Methylphenol
Concen: 3.643 ng/ul
RT: 8.62 min Scan# 957
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:108 Resp: 65371

Ion	Ratio	Lower	Upper
108	100		
107	113.1	87.2	130.8



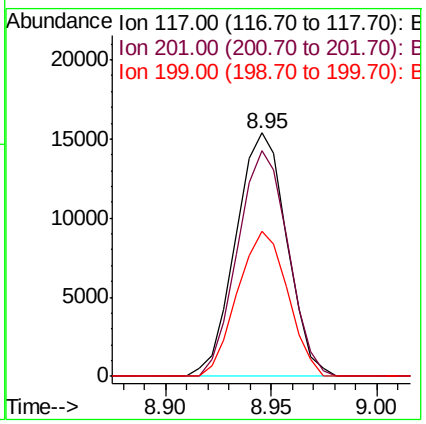


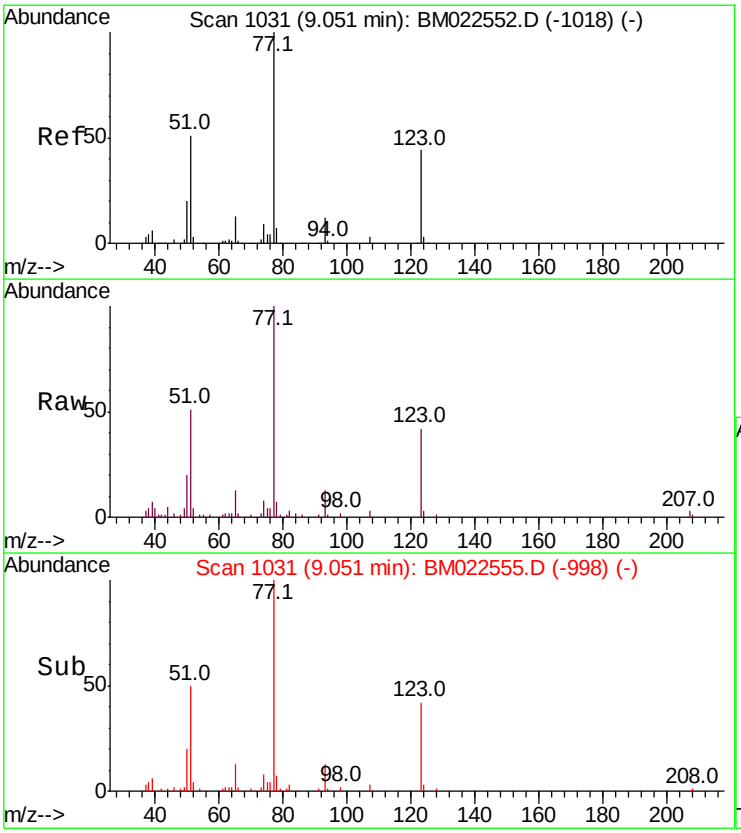
#17
Hexachloroethane
Concen: 3.841 ng/ul
RT: 8.95 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:117 Resp: 25749

Ion	Ratio	Lower	Upper
117	100		
201	92.8	77.6	116.4
199	59.4	47.6	71.4

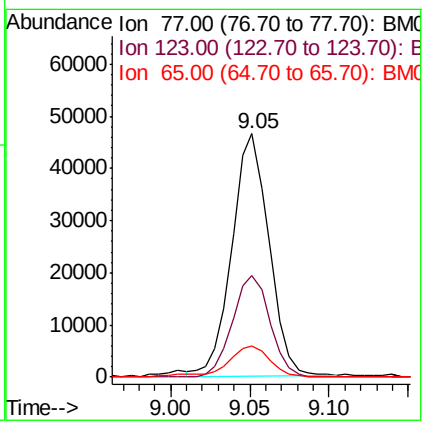


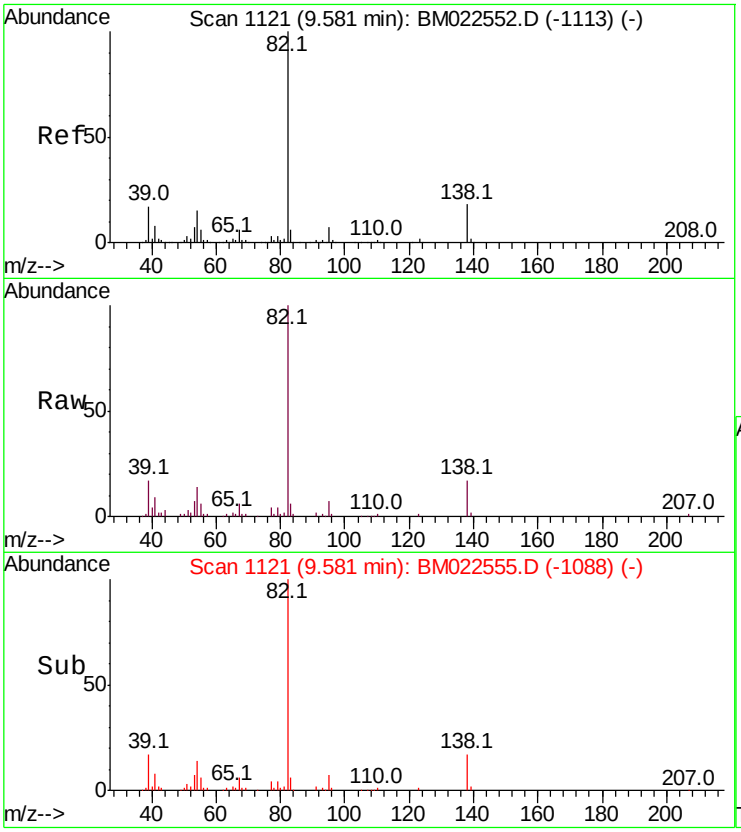


#20
Nitrobenzene
Concen: 4.192 ng/ul
RT: 9.05 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion: 77 Resp: 75218

Ion	Ratio	Lower	Upper
77	100		
123	41.7	35.8	53.6
65	12.9	10.5	15.7



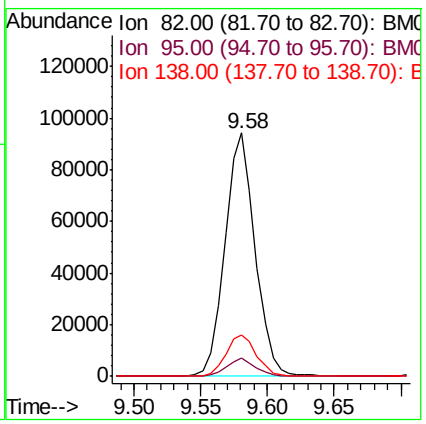


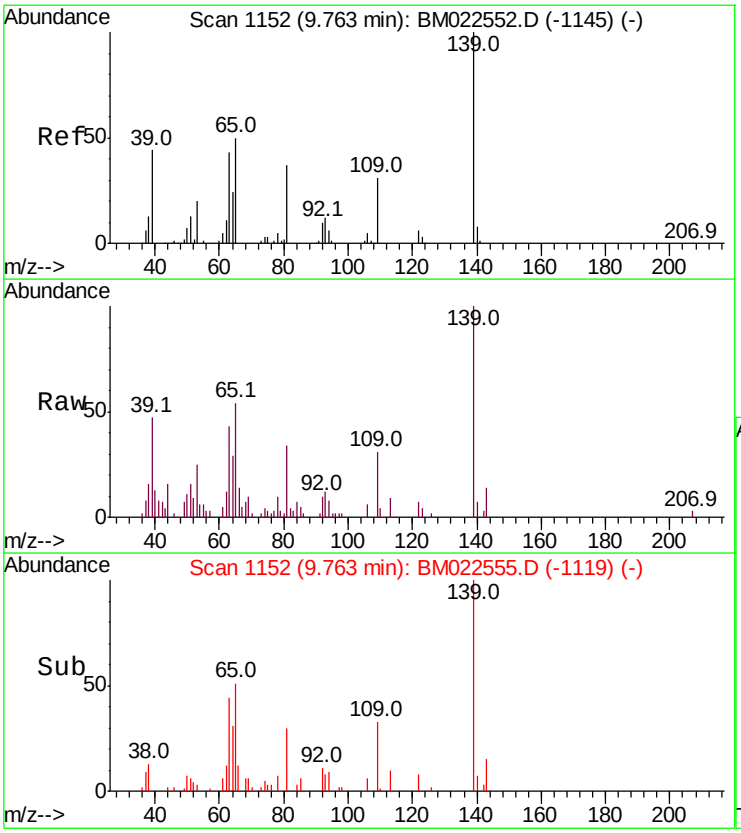
#21
Isophorone
Concen: 3.698 ng/ul
RT: 9.58 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion: 82 Resp: 148709

Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.6	8.4
138	16.9	14.4	21.6

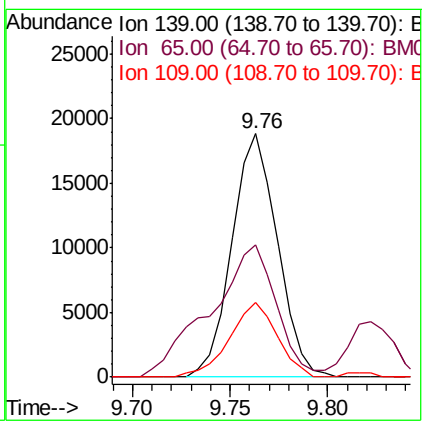


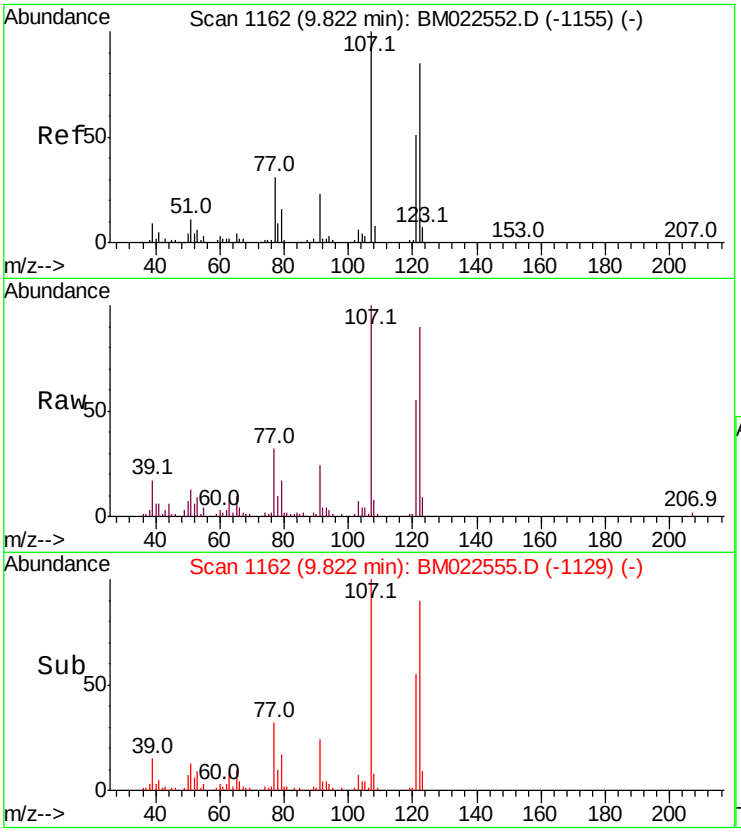


#23
2-Nitrophenol
Concen: 3.879 ng/ul
RT: 9.76 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:139 Resp: 30445

Ion	Ratio	Lower	Upper
139	100		
65	54.2	39.3	58.9
109	30.6	23.5	35.3



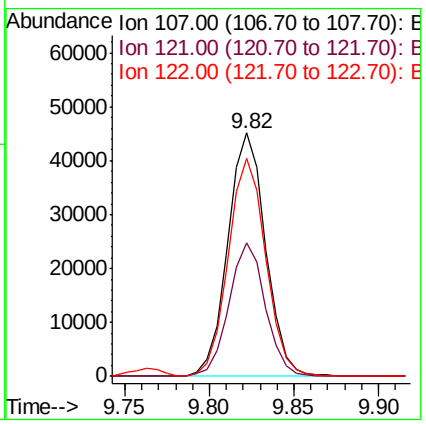


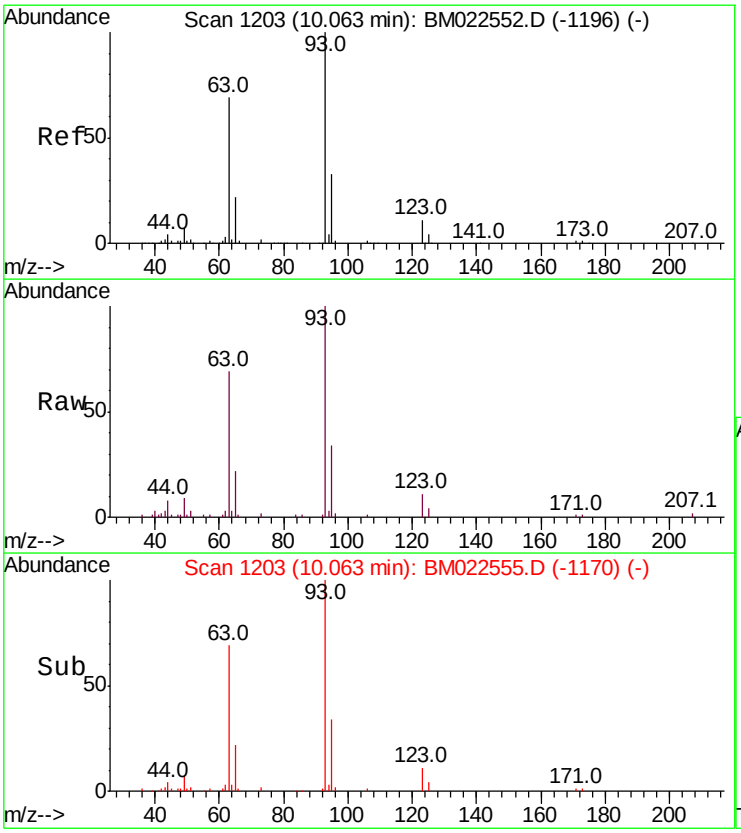
#24
2,4-Dimethylphenol
Concen: 3.566 ng/ul
RT: 9.82 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:107 Resp: 70180

Ion	Ratio	Lower	Upper
107	100		
121	54.7	40.2	60.4
122	89.8	70.2	105.2

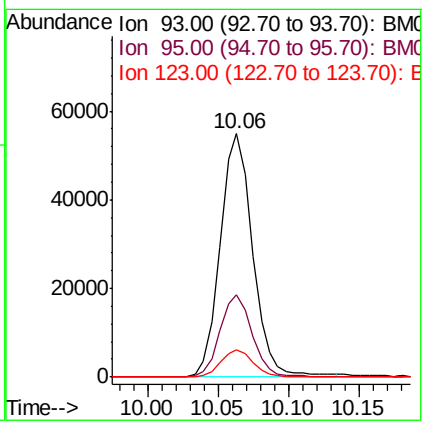


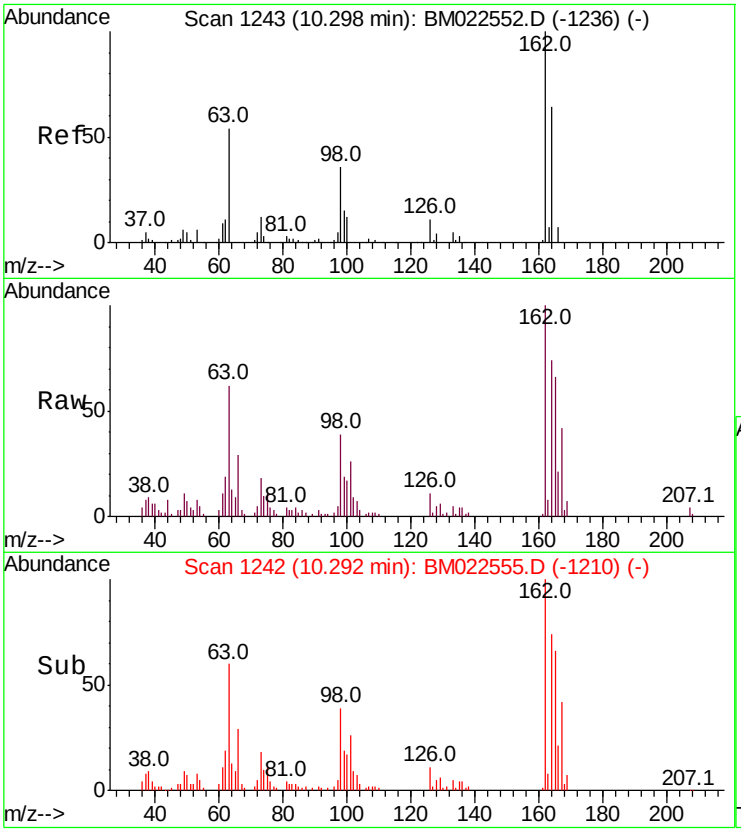


#25
Bis(2-Chloroethoxy)methane
Concen: 3.729 ng/ul
RT: 10.06 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion: 93 Resp: 87927

Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.1	39.1
123	11.3	9.2	13.8



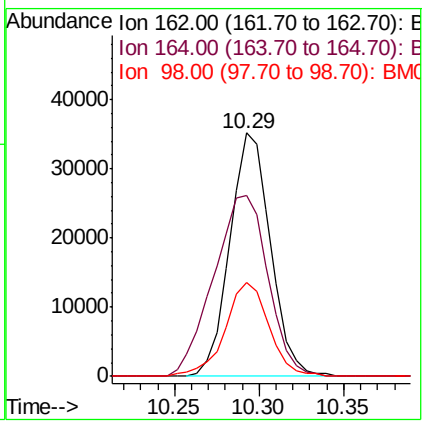


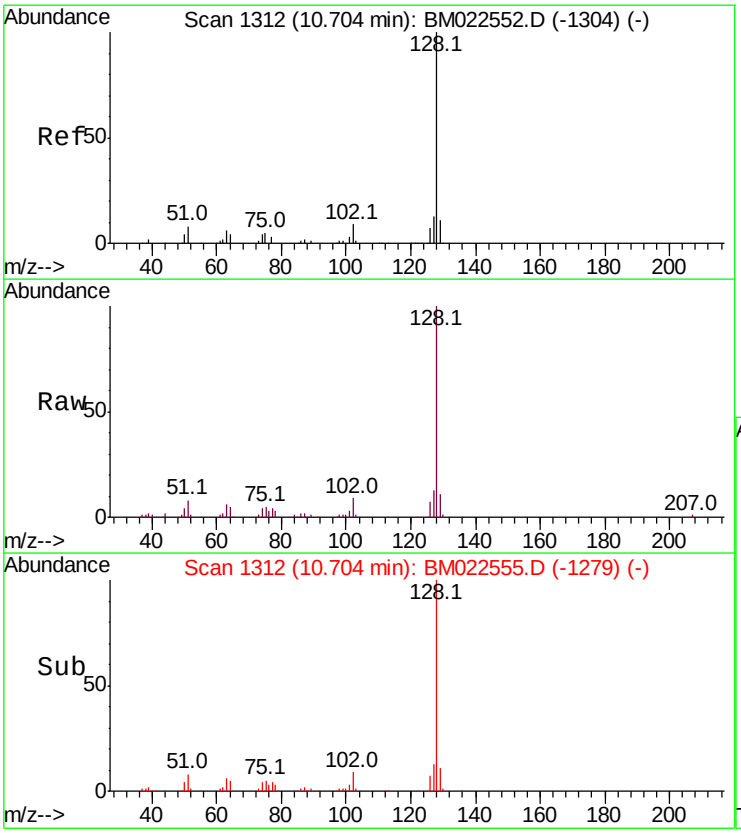
#27
2,4-Dichlorophenol
Concen: 3.548 ng/ul
RT: 10.29 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:162 Resp: 58816

Ion	Ratio	Lower	Upper
162	100		
164	74.2	52.1	78.1
98	38.8	28.9	43.3

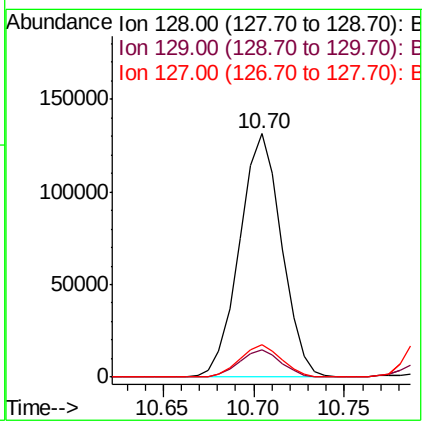


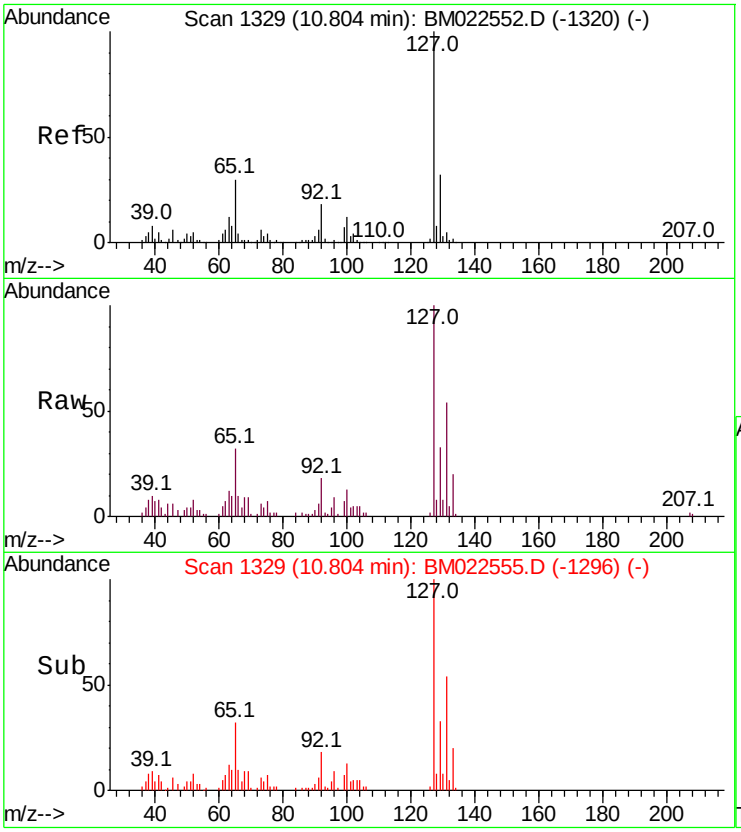


#28
Naphthalene
Concen: 3.859 ng/ul
RT: 10.70 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:128 Resp: 212671

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.1	10.6	16.0



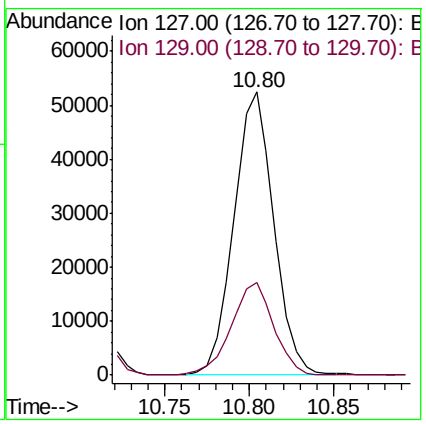


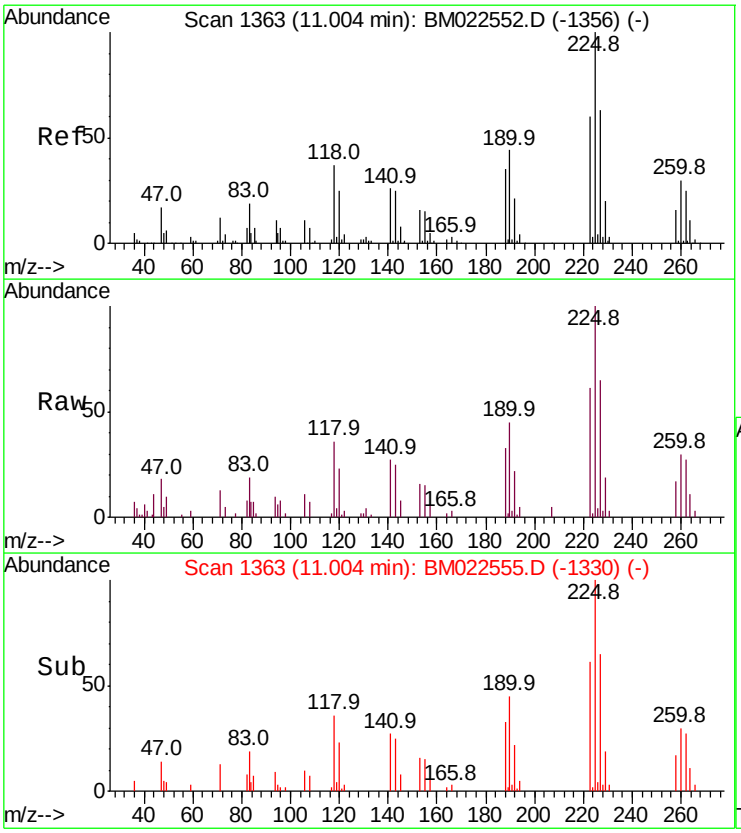
#30
4-Chloroaniline
Concen: 3.795 ng/ul
RT: 10.80 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:127 Resp: 86458

Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.4	38.2

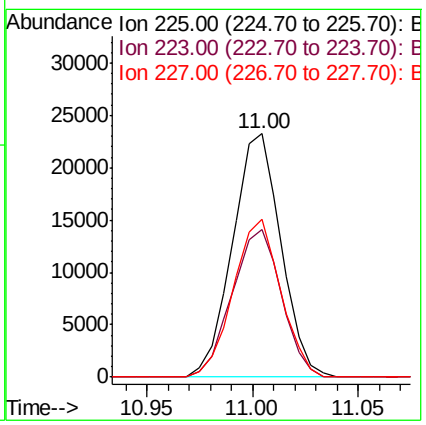


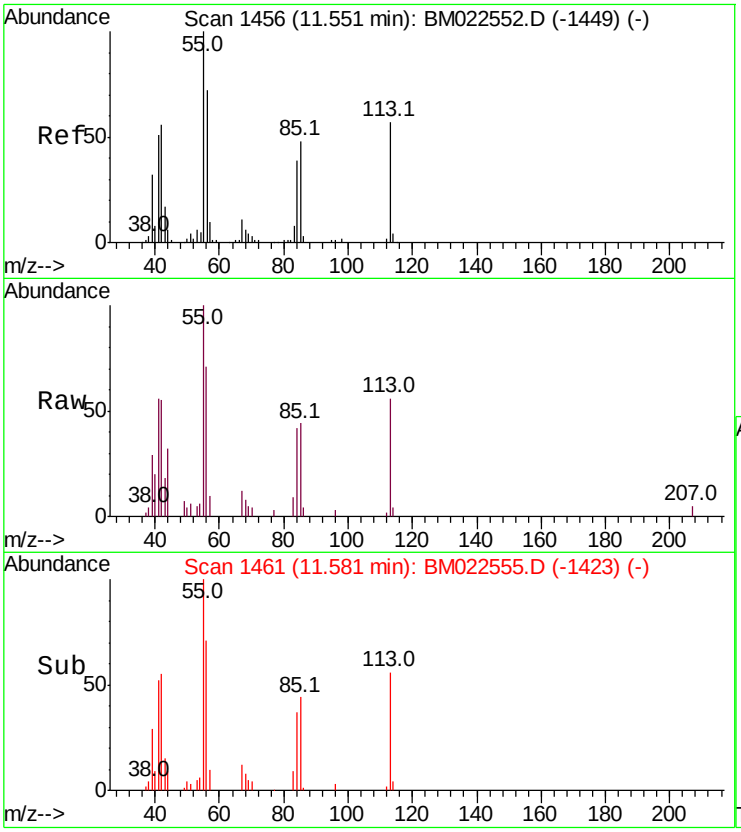


#31
Hexachlorobutadiene
Concen: 3.616 ng/ul
RT: 11.00 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:225 Resp: 36926

Ion	Ratio	Lower	Upper
225	100		
223	60.5	50.1	75.1
227	64.9	51.8	77.8



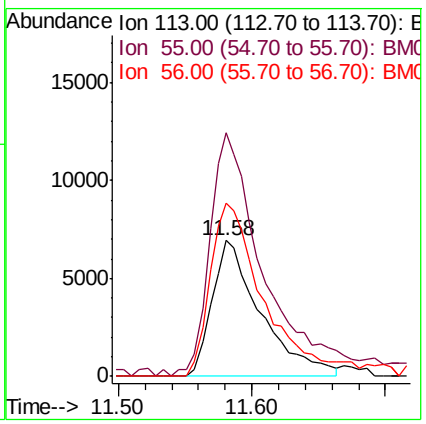


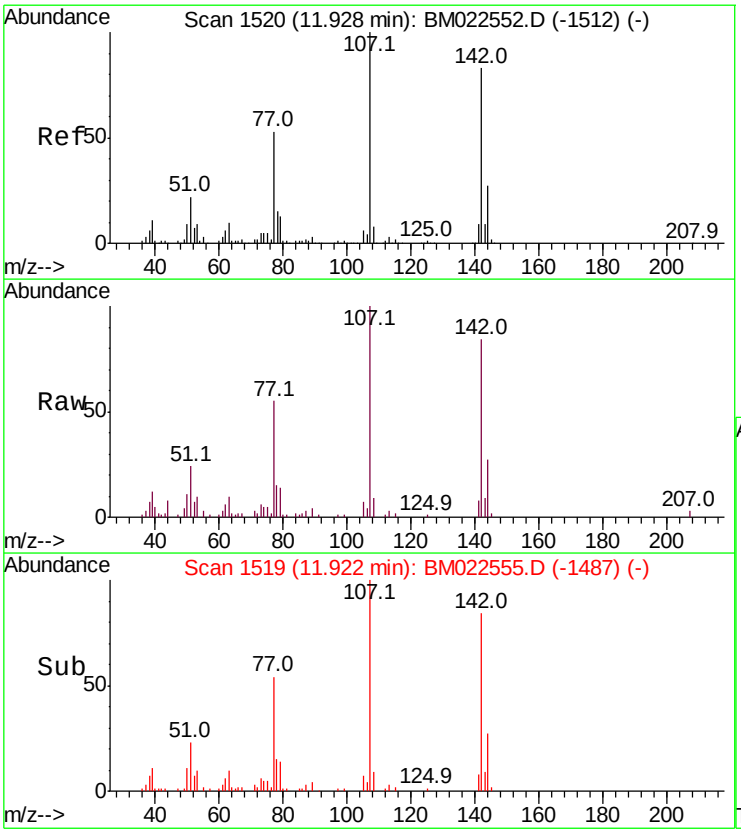
#32
Caprolactam
Concen: 2.863 ng/ul
RT: 11.58 min Scan# 1461
Delta R.T. 0.02 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:113 Resp: 17669

Ion	Ratio	Lower	Upper
113	100		
55	179.7	135.6	203.4
56	128.3	98.4	147.6

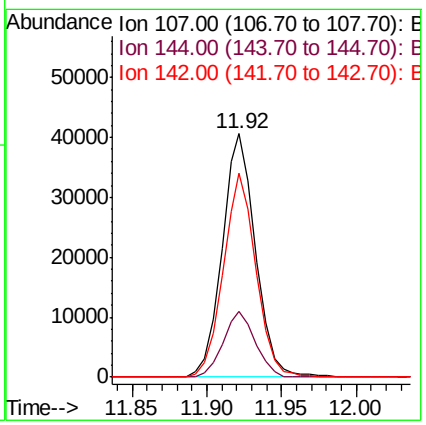


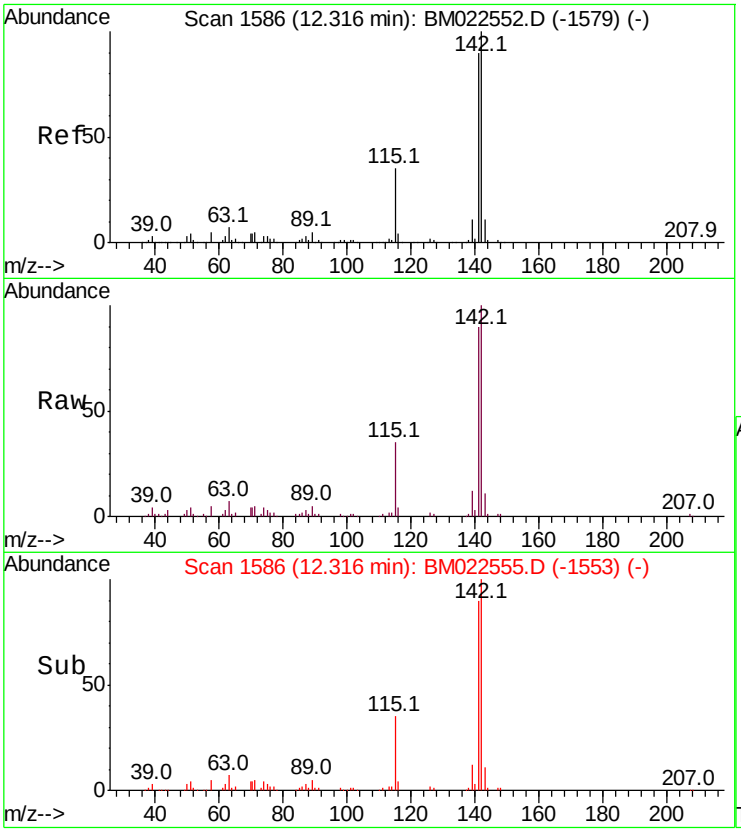


#33
4-Chloro-3-methylphenol
Concen: 3.456 ng/ul
RT: 11.92 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:107 Resp: 63222

Ion	Ratio	Lower	Upper
107	100		
144	27.2	22.6	34.0
142	83.9	67.0	100.4



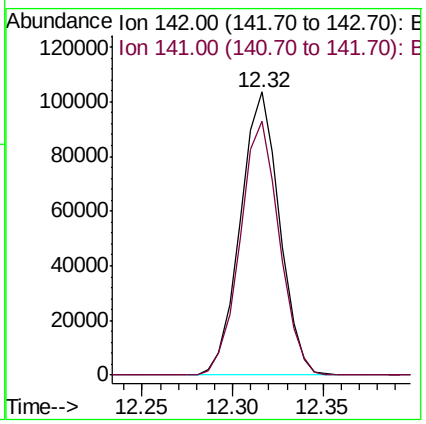


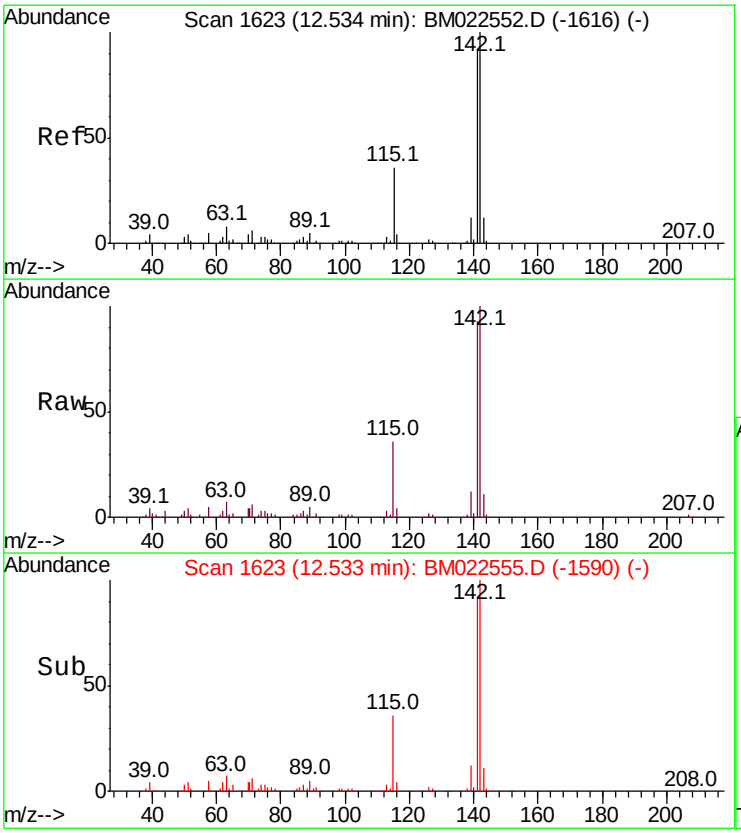
#34
2-Methylnaphthalene
Concen: 3.751 ng/ul
RT: 12.32 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:142 Resp: 155776

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.0	106.4

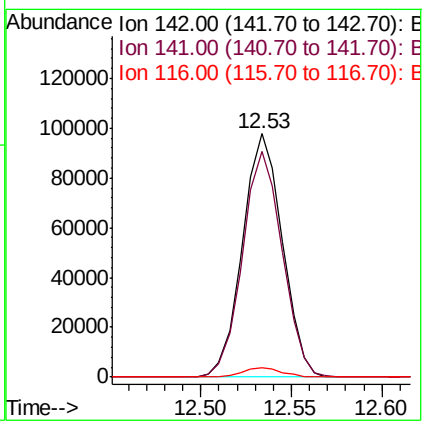


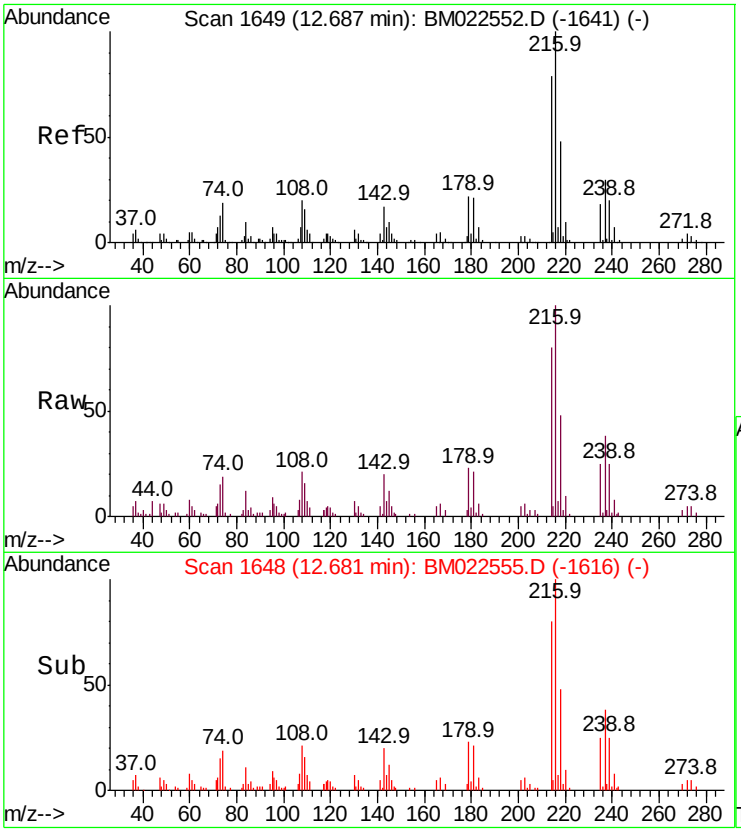


#35
1-Methylnaphthalene
Concen: 3.765 ng/ul
RT: 12.53 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:142 Resp: 149370

Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.6	108.8
116	3.7	3.0	4.4



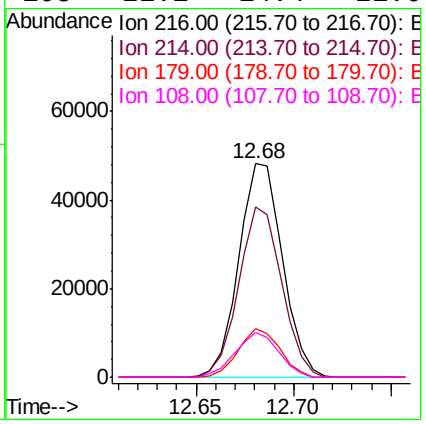


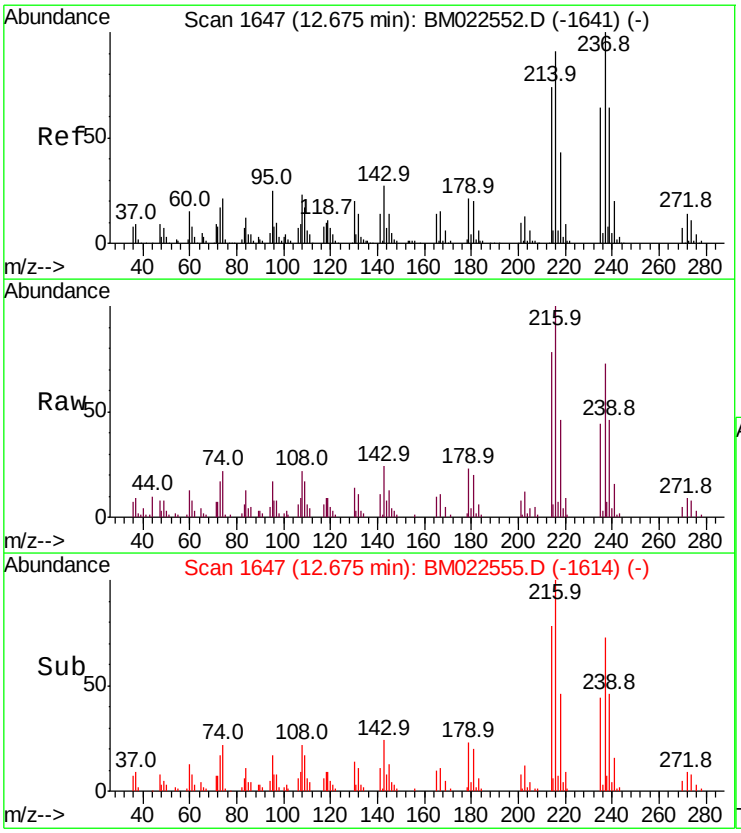
#37
1,2,4,5-Tetrachlorobenzene
Concen: 3.635 ng/ul
RT: 12.68 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:216 Resp: 74963

Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.4	95.0
179	22.9	16.7	25.1
108	21.1	14.4	21.6

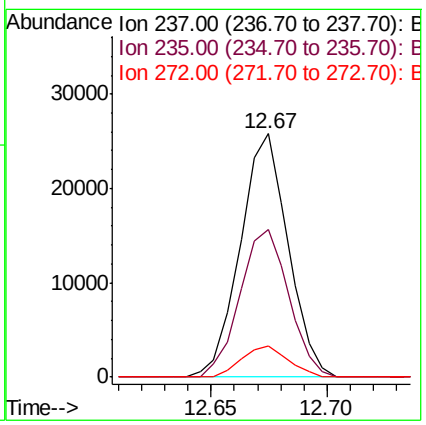


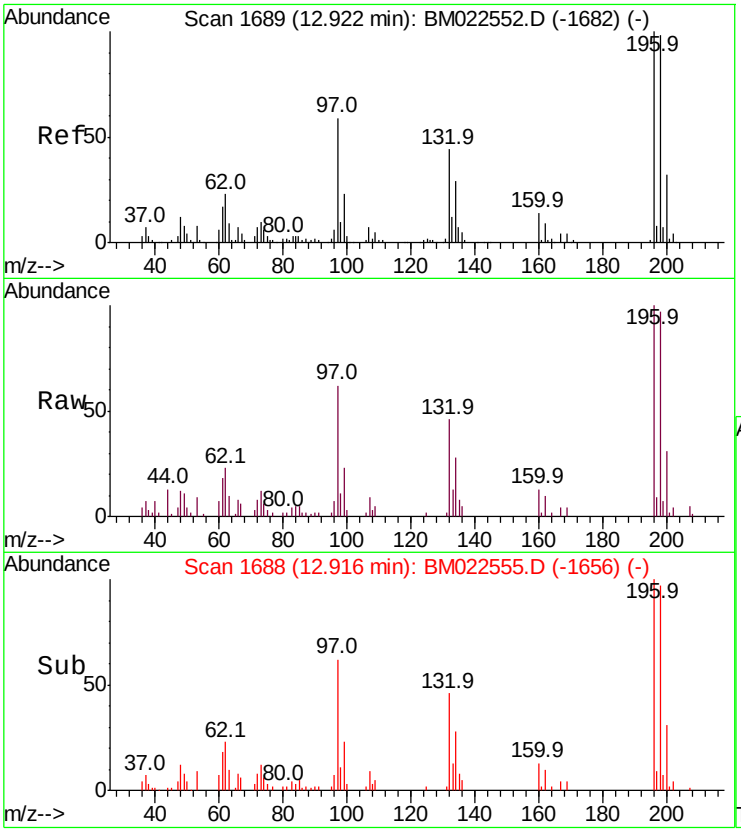


#38
Hexachlorocyclopentadiene
Concen: 2.938 ng/ul
RT: 12.67 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:237 Resp: 37356

Ion	Ratio	Lower	Upper
237	100		
235	60.6	50.1	75.1
272	13.0	10.2	15.4



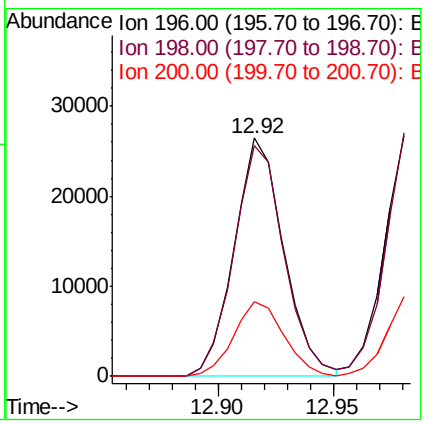


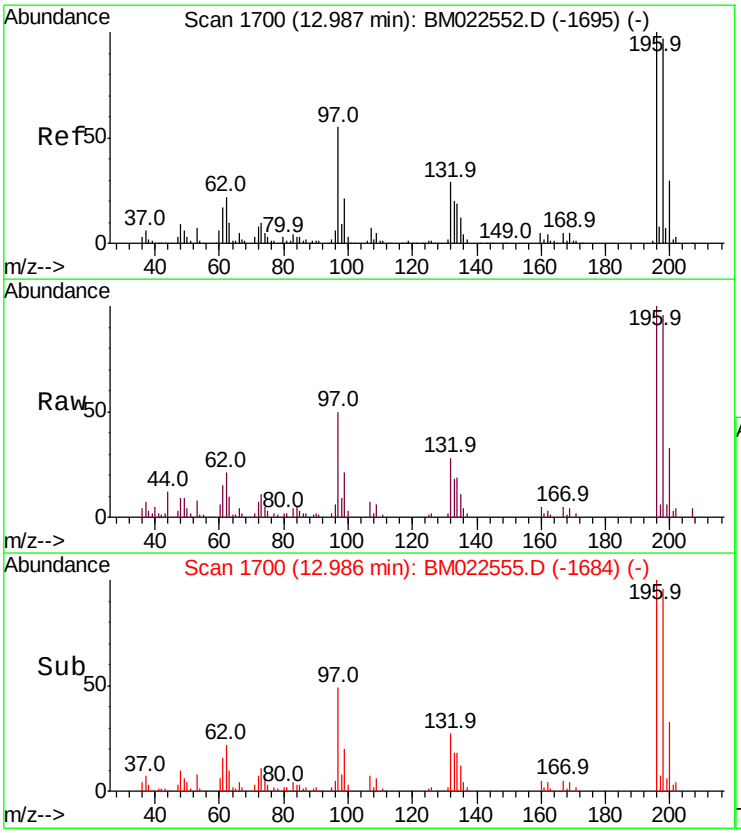
#39
2,4,6-Trichlorophenol
Concen: 3.076 ng/ul
RT: 12.92 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:196 Resp: 39709

Ion	Ratio	Lower	Upper
196	100		
198	97.1	77.7	116.5
200	31.3	24.6	37.0

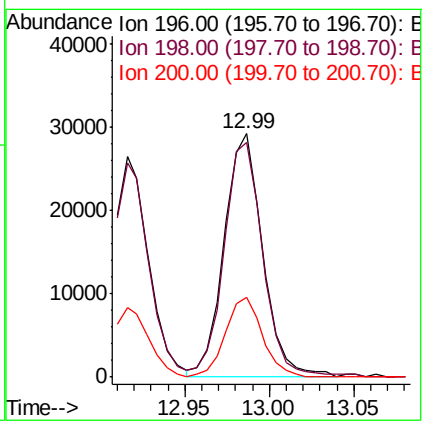


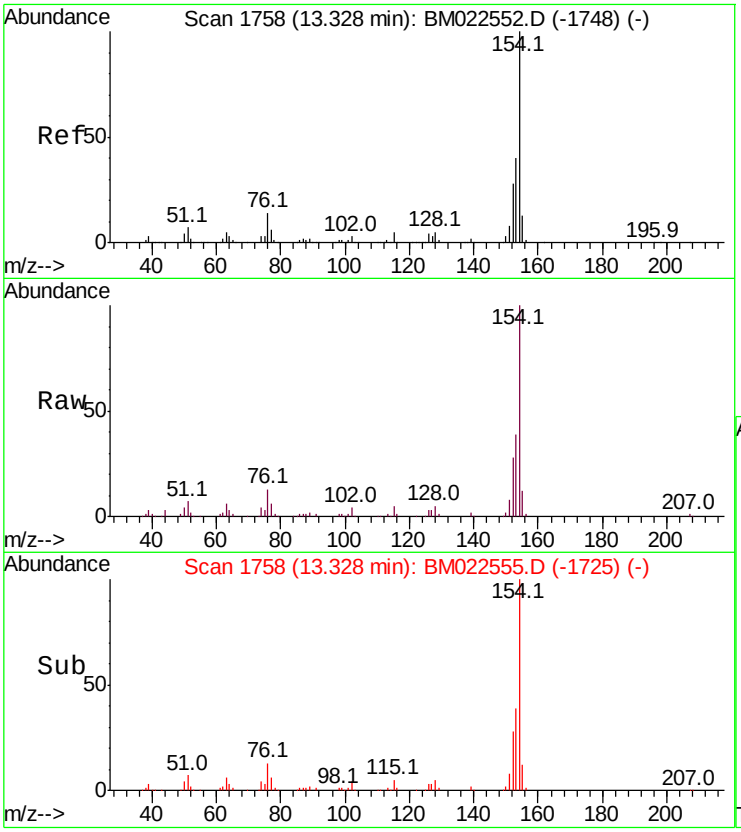


#40
2,4,5-Trichlorophenol
Concen: 3.315 ng/ul
RT: 12.99 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:196 Resp: 46410

Ion	Ratio	Lower	Upper
196	100		
198	96.4	77.4	116.0
200	32.6	24.0	36.0



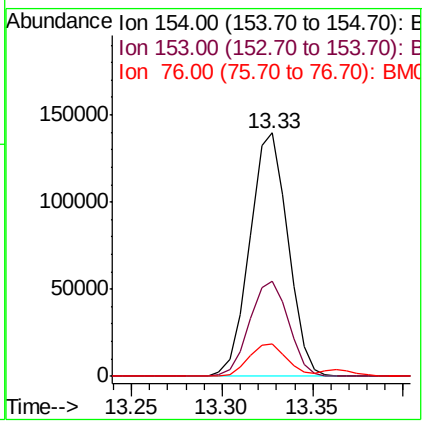


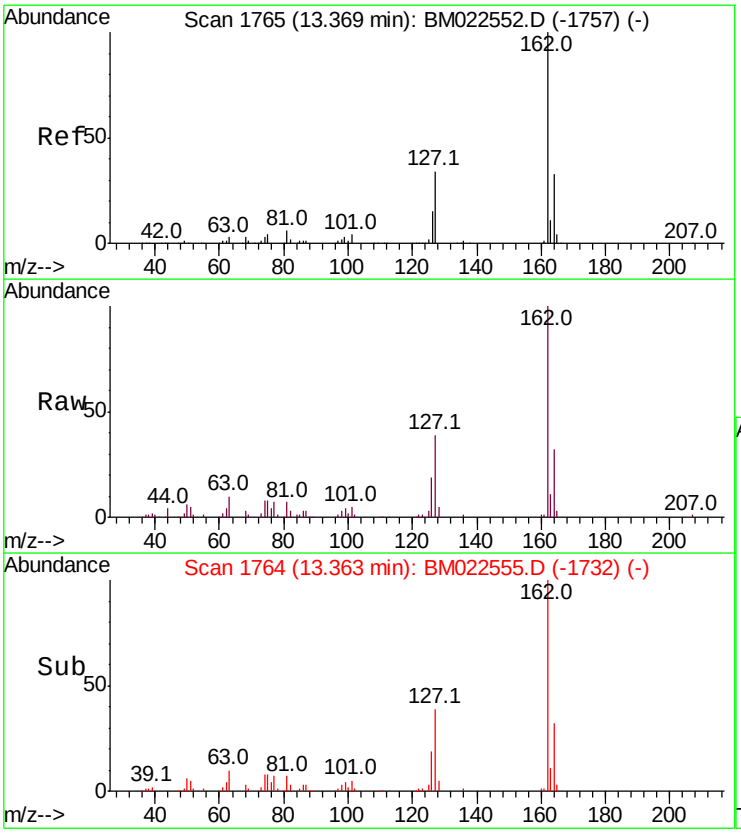
#41
1,1'-Biphenyl
Concen: 3.846 ng/ul
RT: 13.33 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:154 Resp: 204689

Ion	Ratio	Lower	Upper
154	100		
153	39.3	32.1	48.1
76	13.1	10.2	15.2

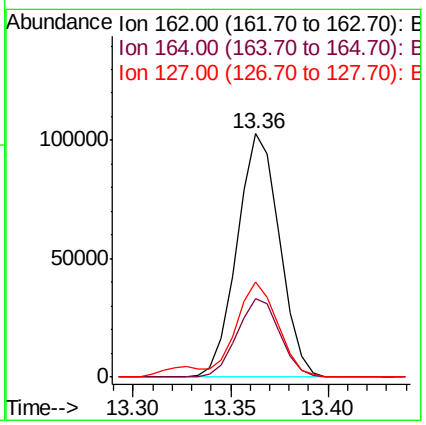


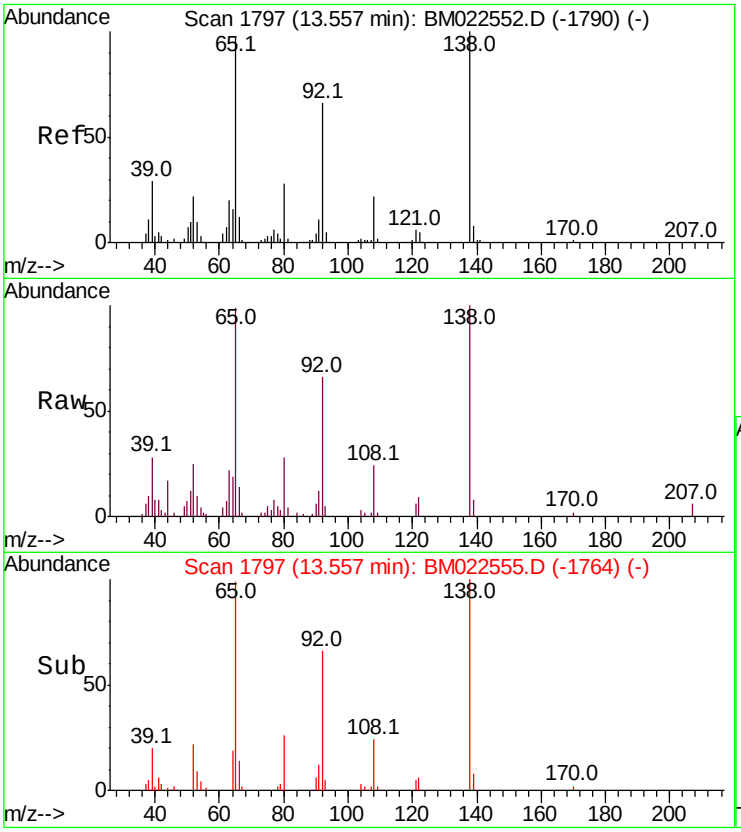


#42
2-Chloronaphthalene
Concen: 3.845 ng/ul
RT: 13.36 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:162 Resp: 154923

Ion	Ratio	Lower	Upper
162	100		
164	32.4	26.1	39.1
127	39.3	30.1	45.1



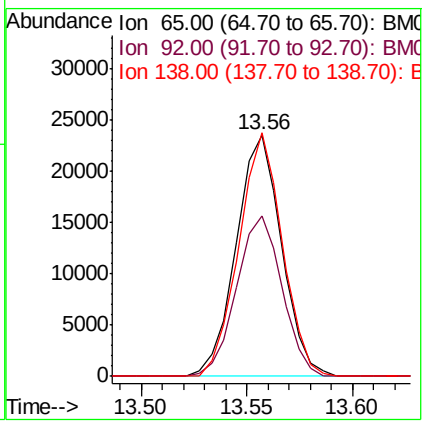


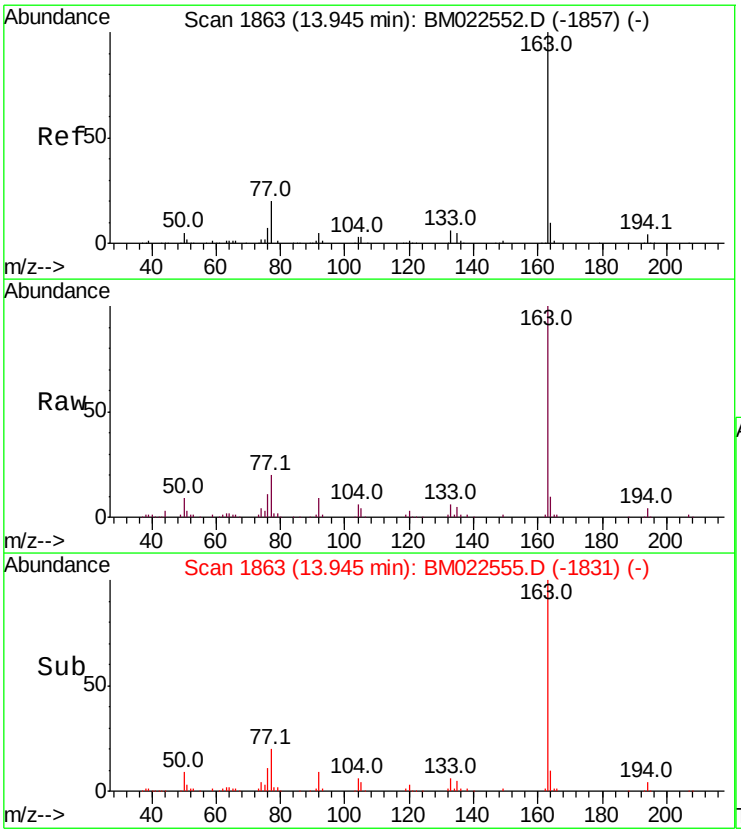
#43
2-Nitroaniline
Concen: 3.721 ng/ul
RT: 13.56 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion: 65 Resp: 35011

Ion	Ratio	Lower	Upper
65	100		
92	66.3	55.7	83.5
138	100.7	86.0	129.0

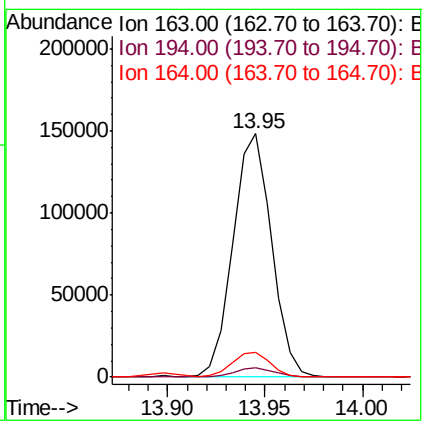


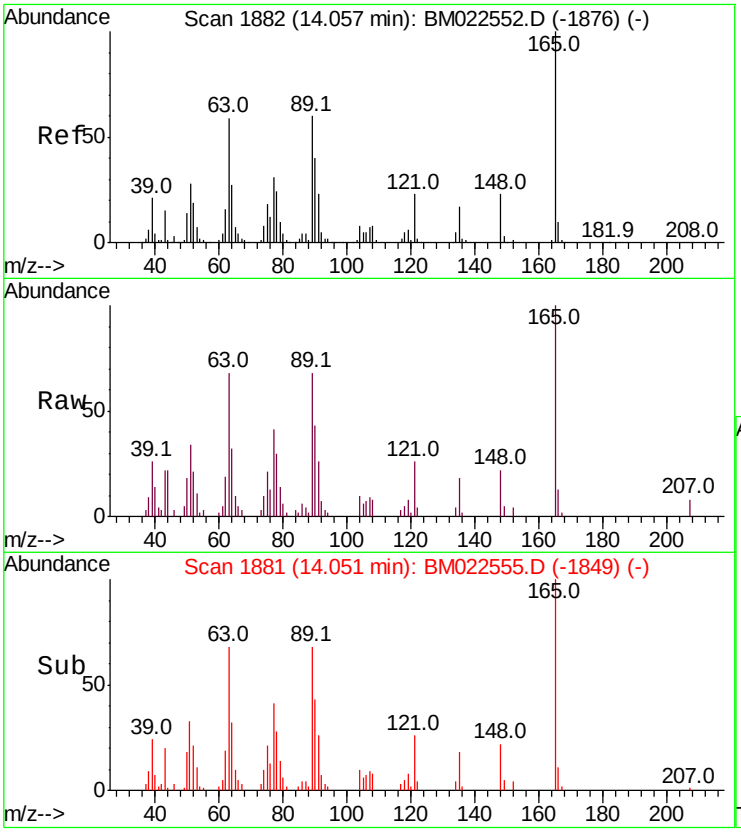


#45
Dimethylphthalate
Concen: 3.861 ng/ul
RT: 13.95 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:163 Resp: 202975

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.0	7.8	11.8



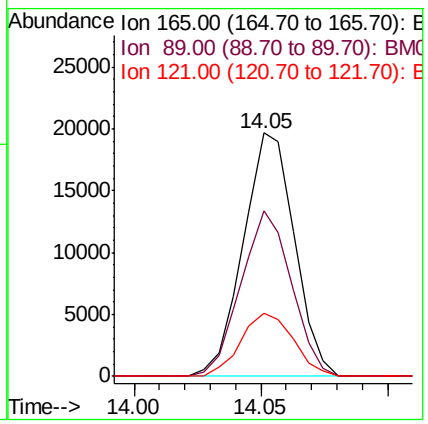


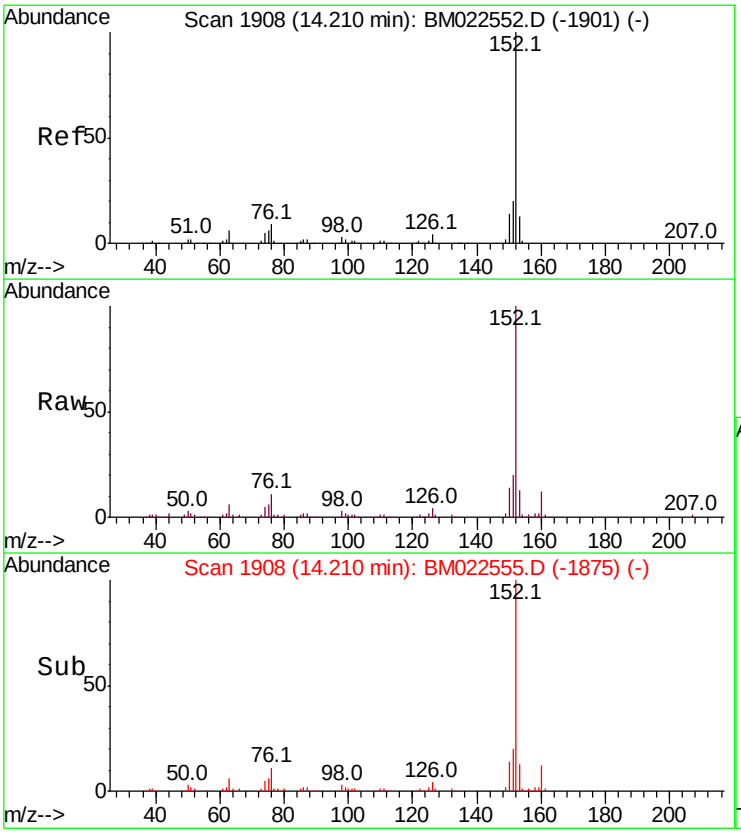
#46
2,6-Dinitrotoluene
Concen: 3.223 ng/ul
RT: 14.05 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:165 Resp: 27584

Ion	Ratio	Lower	Upper
165	100		
89	68.0	47.7	71.5
121	26.1	18.4	27.6

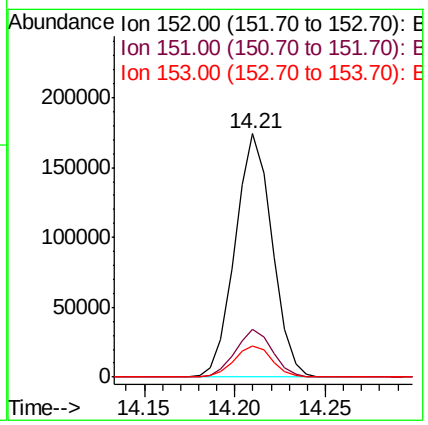


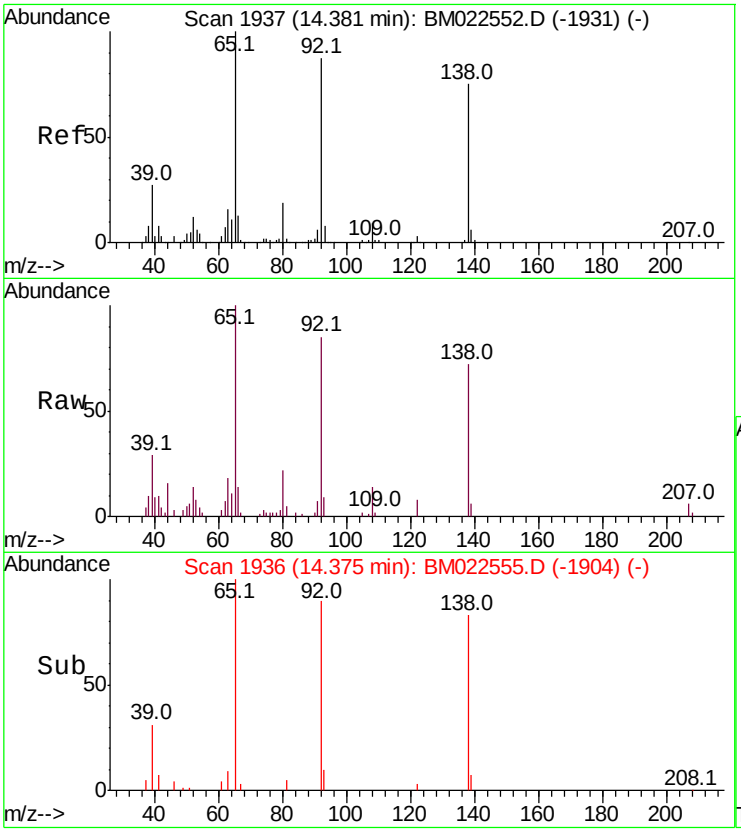


#48
Acenaphthylene
Concen: 3.853 ng/ul
RT: 14.21 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:152 Resp: 247828

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.8
153	12.7	10.4	15.6



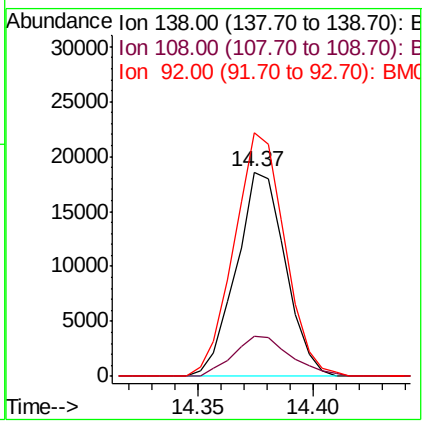


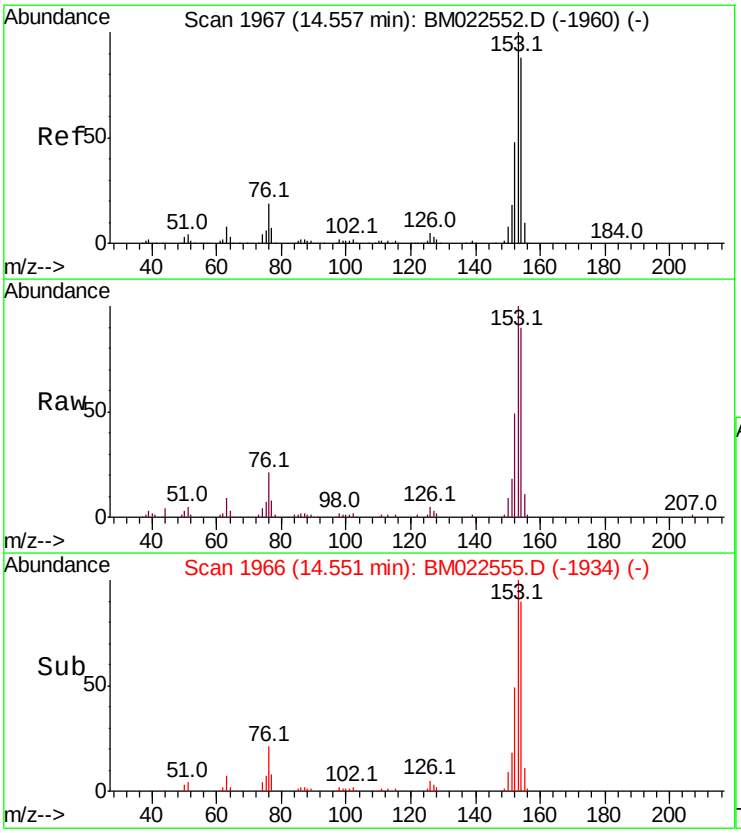
#49
3-Nitroaniline
Concen: 2.974 ng/ul
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:138 Resp: 27599

Ion	Ratio	Lower	Upper
138	100		
108	19.5	13.5	20.3
92	119.4	93.7	140.5

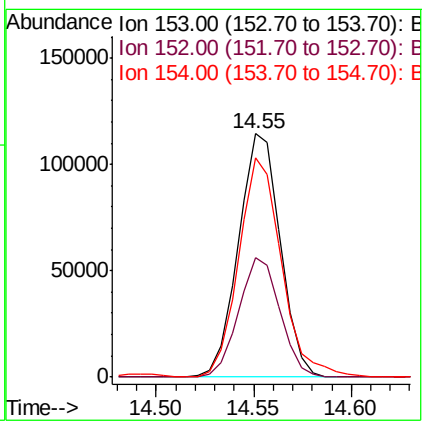


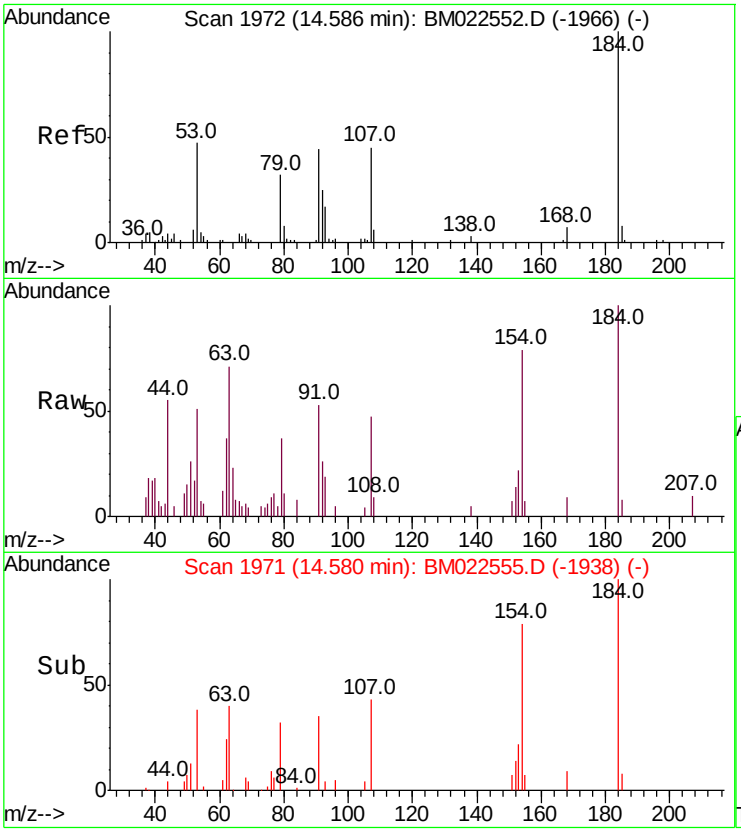


#50
Acenaphthene
Concen: 3.810 ng/ul
RT: 14.55 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:153 Resp: 169844

Ion	Ratio	Lower	Upper
153	100		
152	49.1	37.5	56.3
154	90.1	71.4	107.0



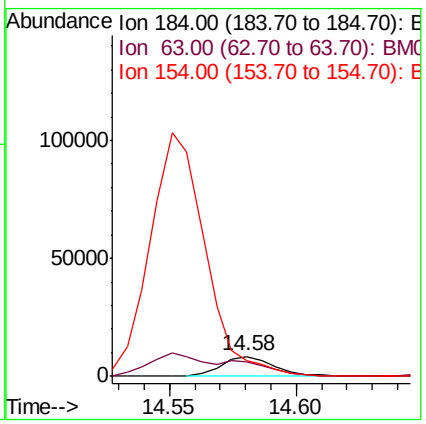


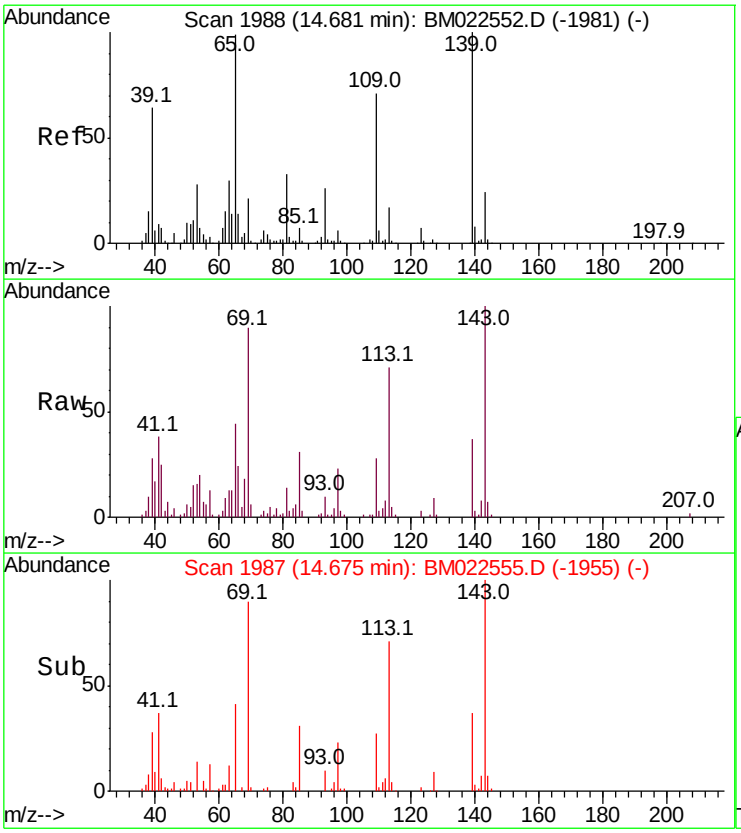
#51
2,4-Dinitrophenol
Concen: 3.028 ng/ul
RT: 14.58 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:184 Resp: 11891

Ion	Ratio	Lower	Upper
184	100		
63	70.8	51.5	77.3
154	79.3	81.9	122.9#

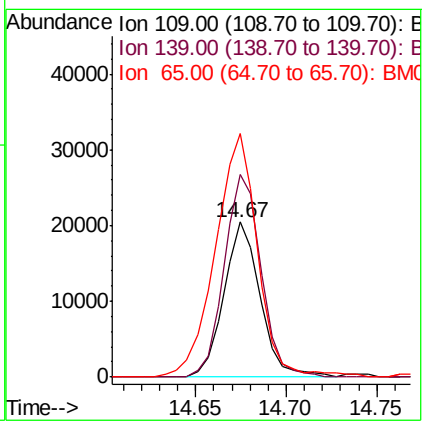


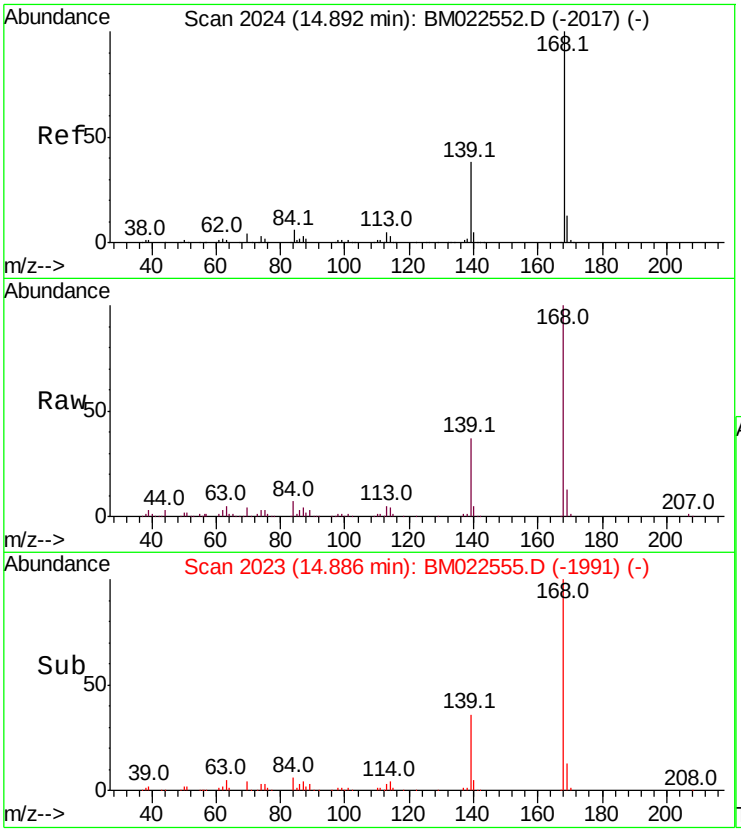


#53
4-Nitrophenol
Concen: 4.001 ng/ul
RT: 14.67 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:109 Resp: 28439

Ion	Ratio	Lower	Upper
109	100		
139	130.9	107.6	161.4
65	157.0	101.9	152.9#



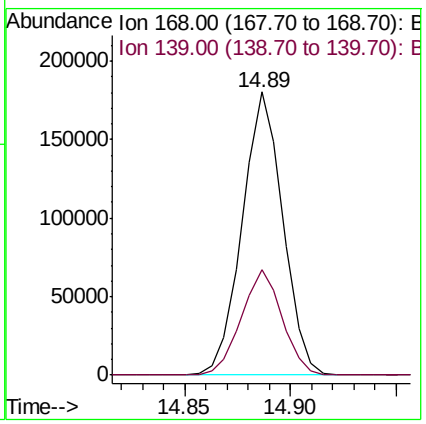


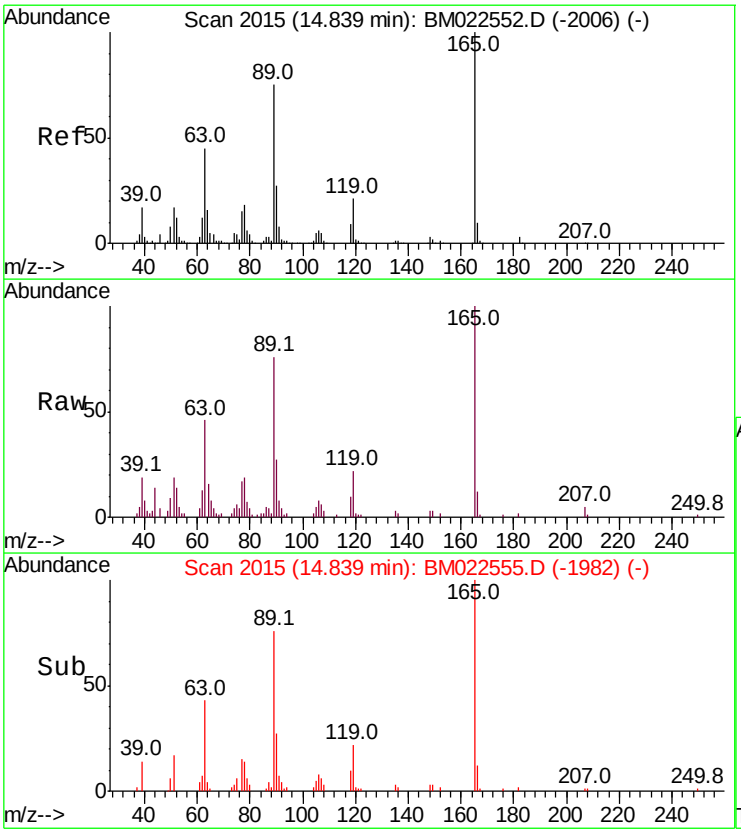
#54
Dibenzofuran
Concen: 3.899 ng/ul
RT: 14.89 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:168 Resp: 241195

Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.5	44.3

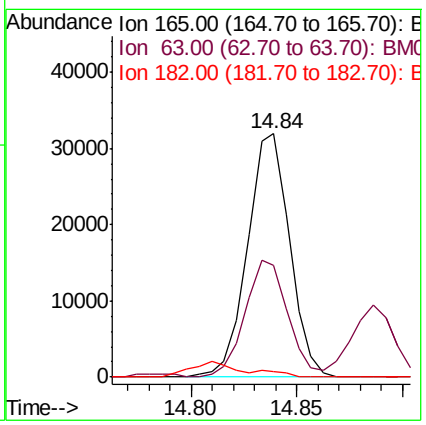


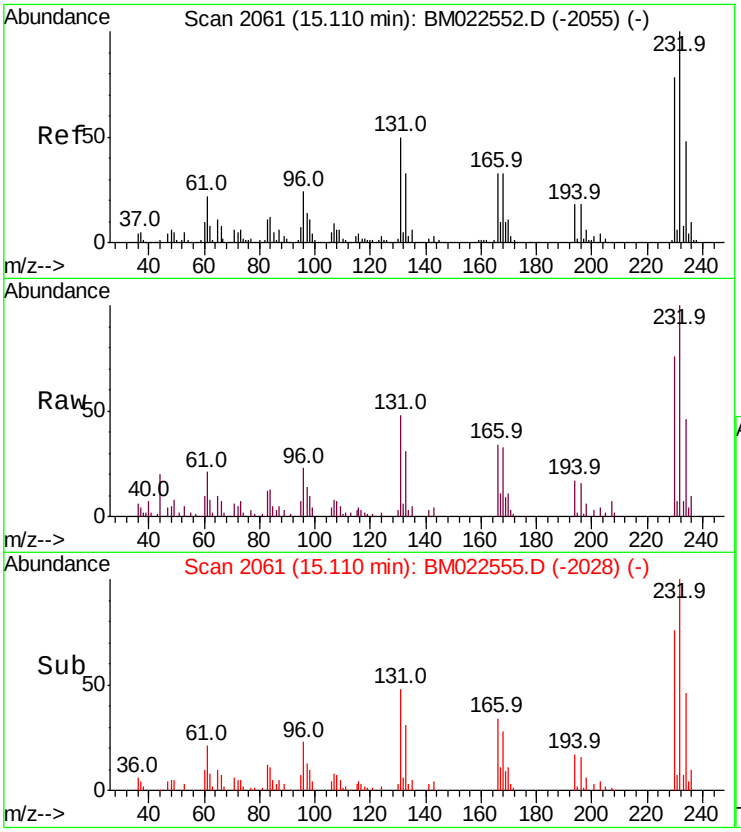


#55
2,4-Dinitrotoluene
Concen: 3.535 ng/ul
RT: 14.84 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:165 Resp: 44324

Ion	Ratio	Lower	Upper
165	100		
63	45.7	35.7	53.5
182	2.4	2.2	3.2



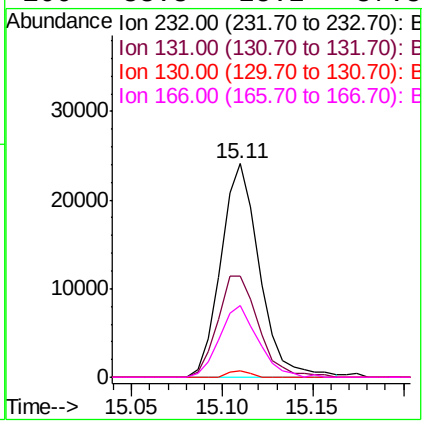


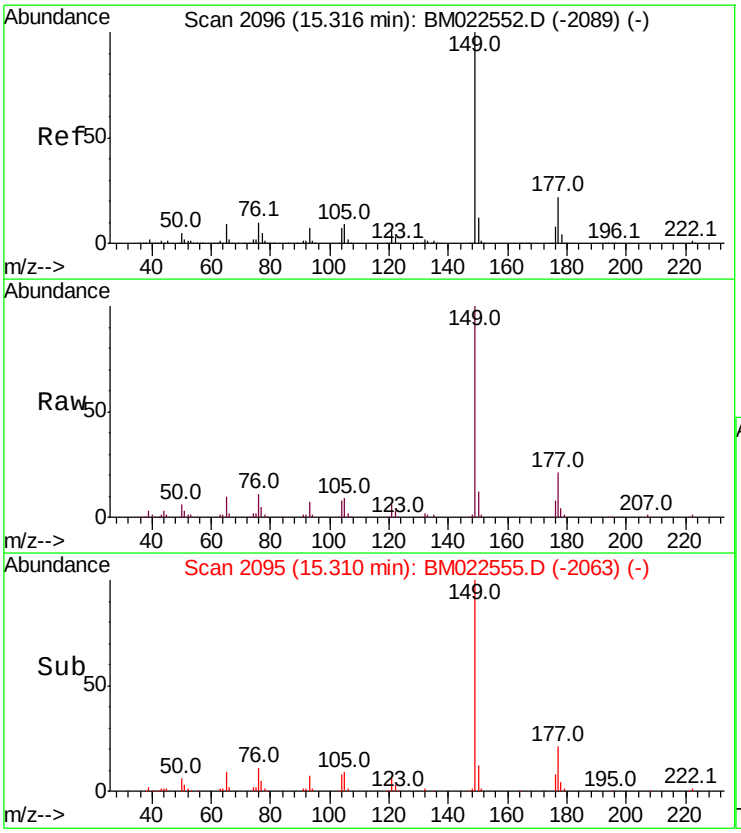
#56
2,3,4,6-Tetrachlorophenol
Concen: 3.072 ng/ul
RT: 15.11 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:232 Resp: 35731

Ion	Ratio	Lower	Upper
232	100		
131	47.6	36.9	55.3
130	3.0	2.0	3.0#
166	33.8	25.2	37.8

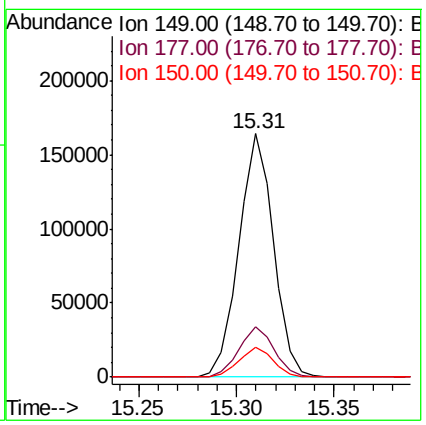


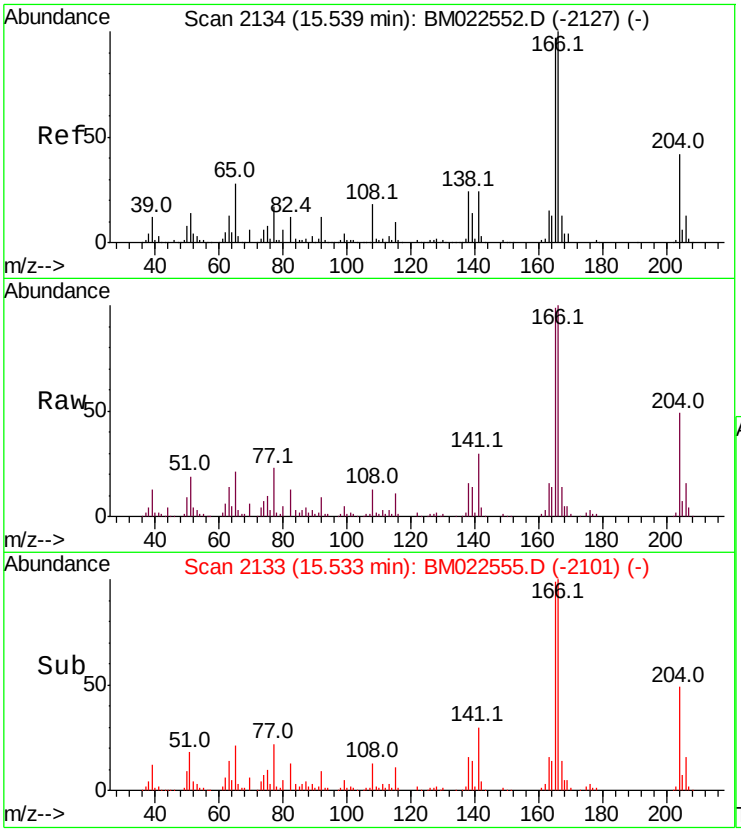


#57
Diethylphthalate
Concen: 3.705 ng/ul
RT: 15.31 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:149 Resp: 201522

Ion	Ratio	Lower	Upper
149	100		
177	20.5	17.3	25.9
150	12.3	10.2	15.2



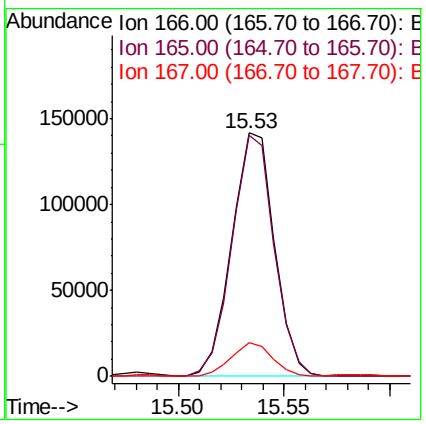


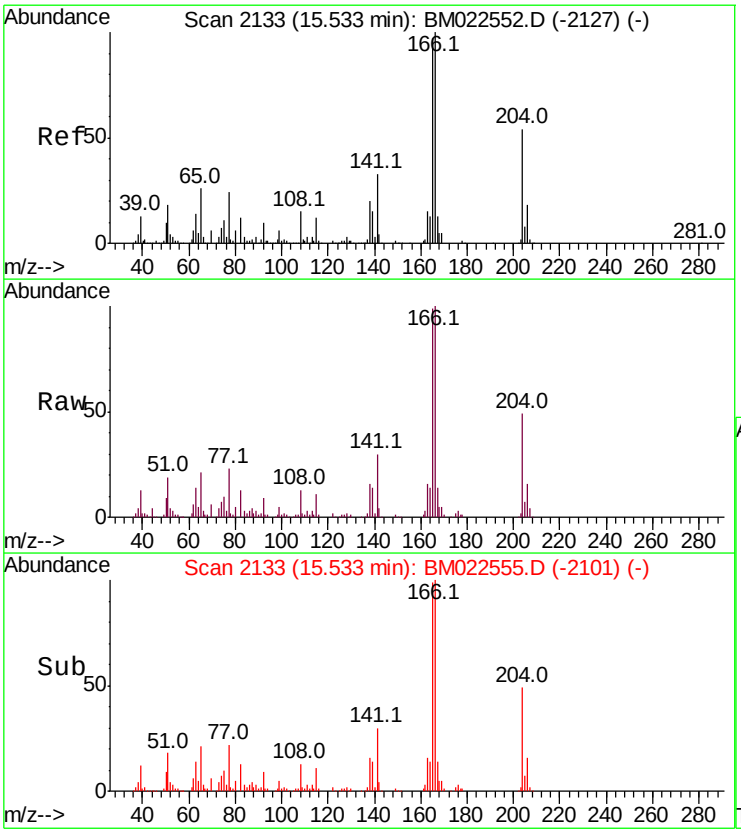
#59
Fluorene
Concen: 3.898 ng/ul
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:166 Resp: 198388

Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.8	116.8
167	14.1	10.9	16.3

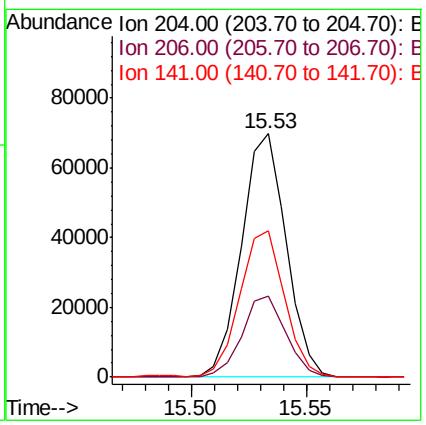


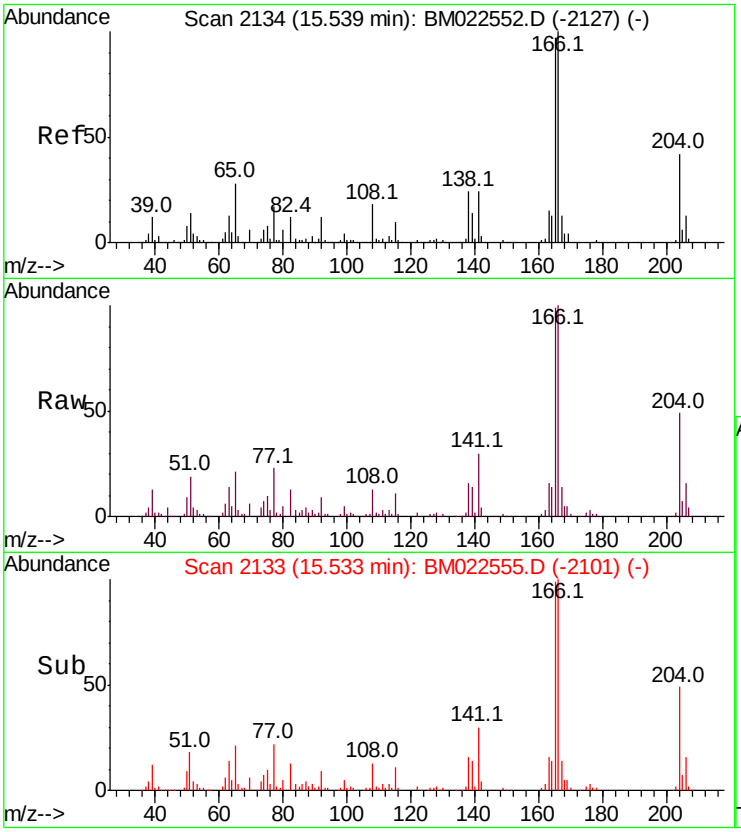


#60
4-Chlorophenyl-phenylether
Concen: 3.735 ng/ul
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:204 Resp: 94077

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.0	39.0
141	59.9	45.4	68.2



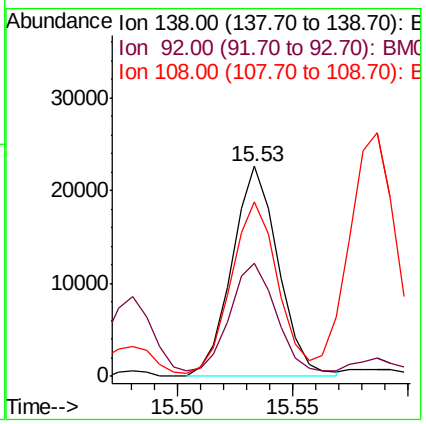


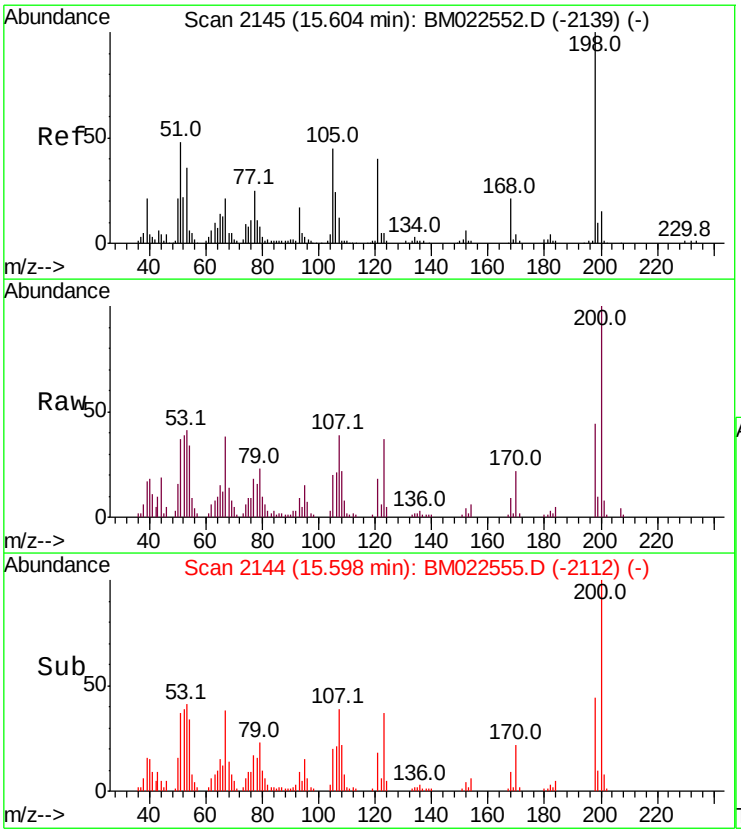
#61
4-Nitroaniline
Concen: 3.000 ng/ul
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:138 Resp: 31732

Ion	Ratio	Lower	Upper
138	100		
92	54.1	40.3	60.5
108	83.0	62.2	93.2

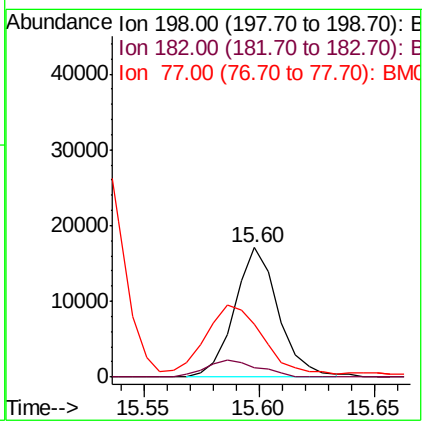


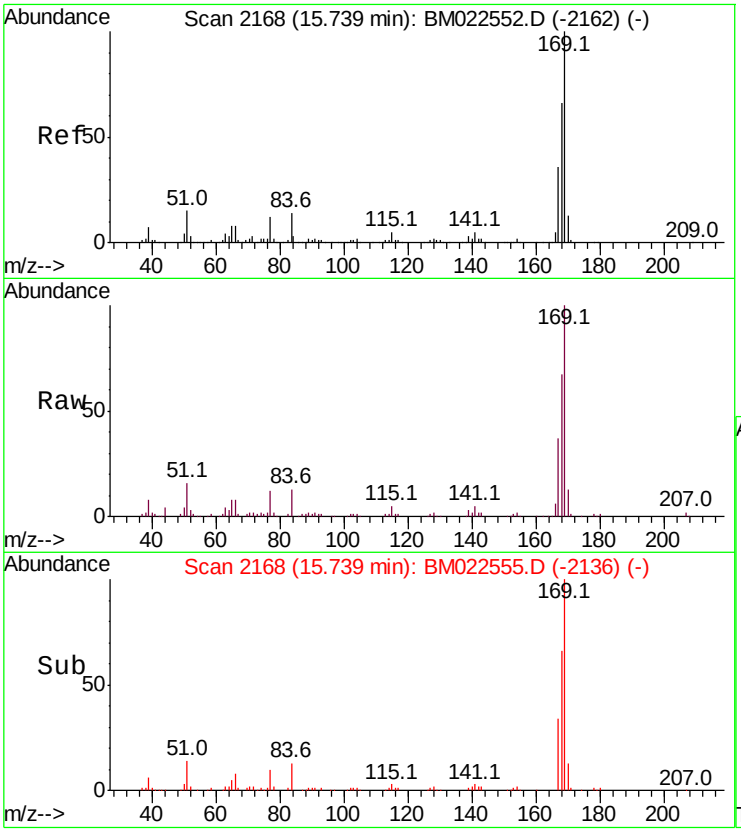


#64
4,6-Dinitro-2-methylphenol
Concen: 3.209 ng/ul
RT: 15.60 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:198 Resp: 22644

Ion	Ratio	Lower	Upper
198	100		
182	7.6	3.4	5.0#
77	41.1	19.7	29.5#



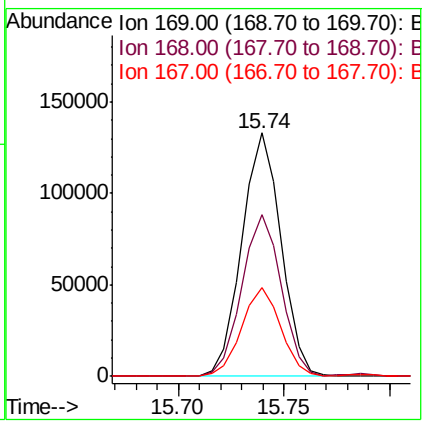


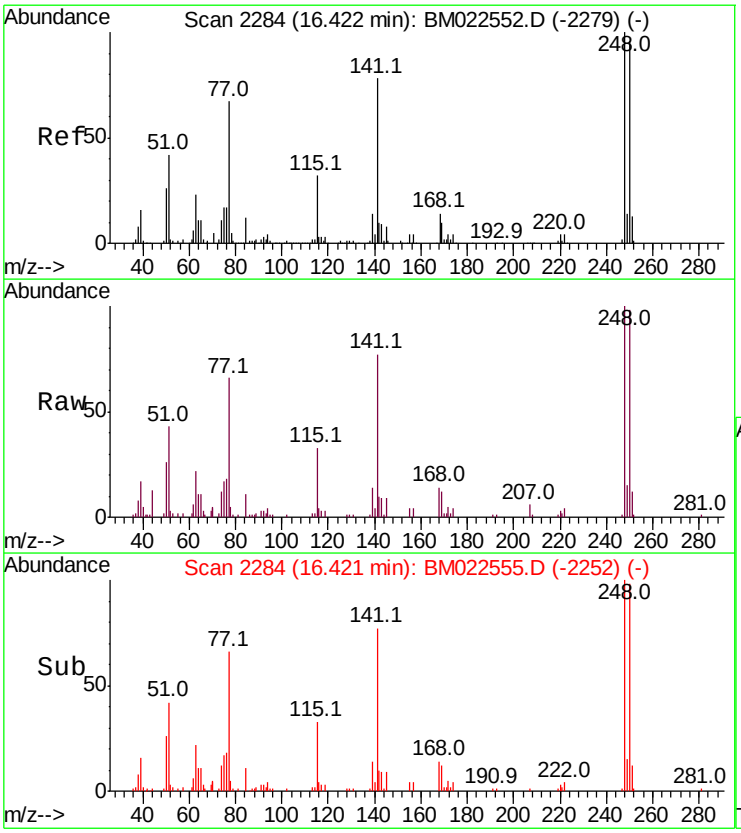
#65
N-Nitrosodiphenylamine
Concen: 3.759 ng/ul
RT: 15.74 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:169 Resp: 172071

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.5	80.3
167	36.5	29.5	44.3

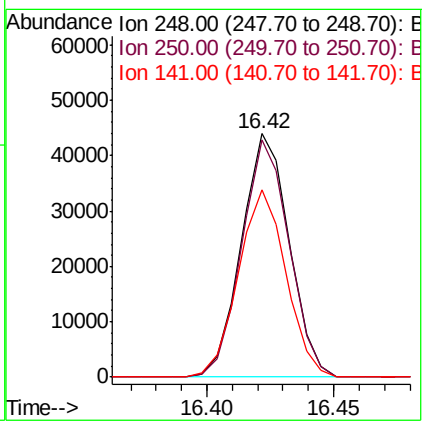


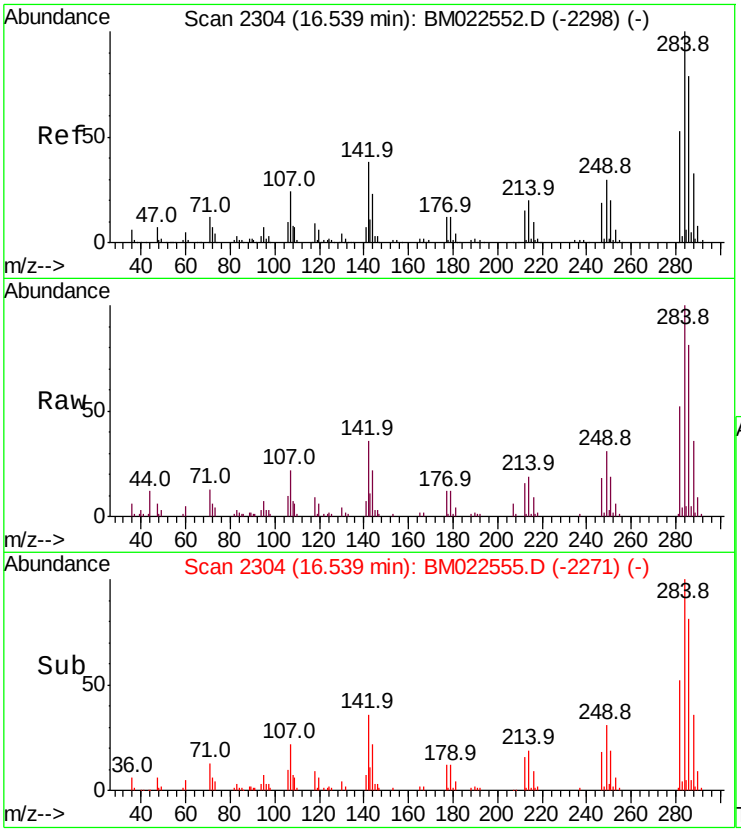


#66
4-Bromophenyl-phenylether
Concen: 3.427 ng/ul
RT: 16.42 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:248 Resp: 57436

Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.3	114.5
141	77.2	57.0	85.4



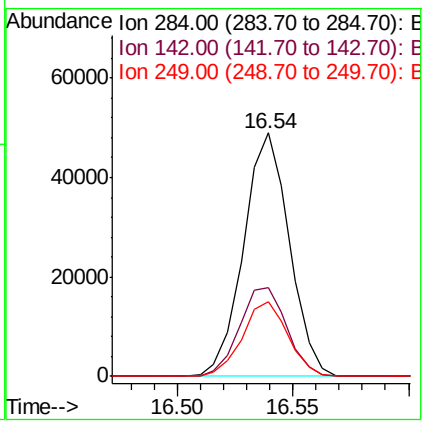


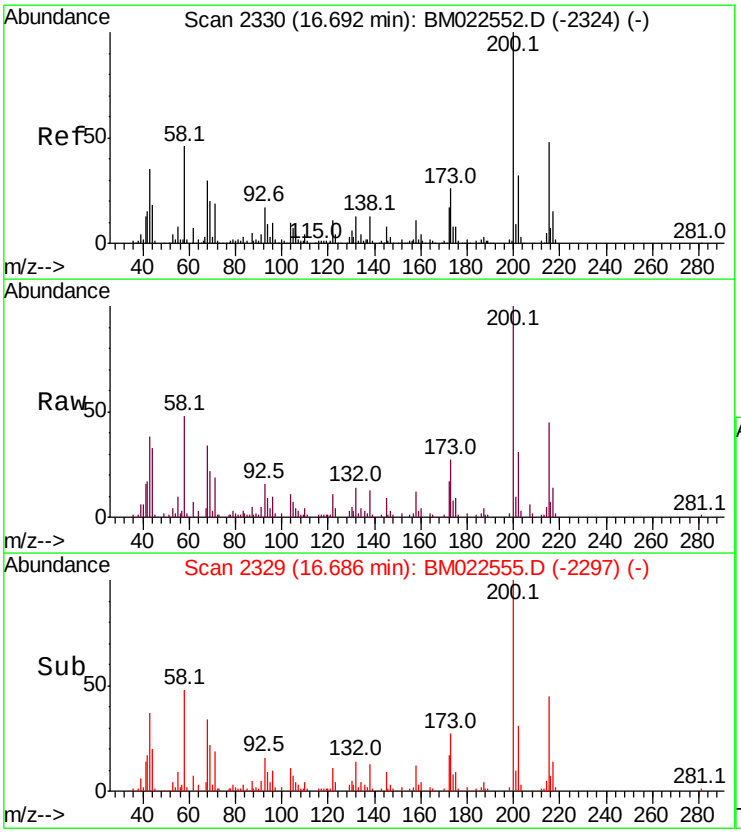
#67
Hexachlorobenzene
Concen: 3.664 ng/ul
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:284 Resp: 67673

Ion	Ratio	Lower	Upper
284	100		
142	36.4	29.3	43.9
249	30.7	24.7	37.1

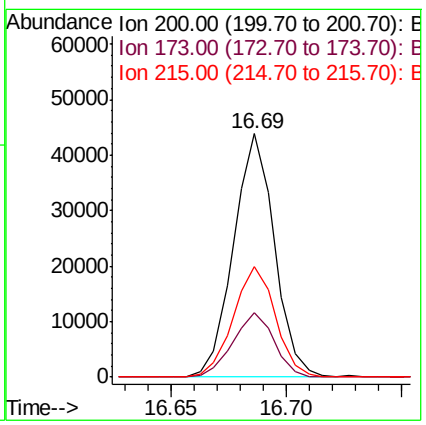


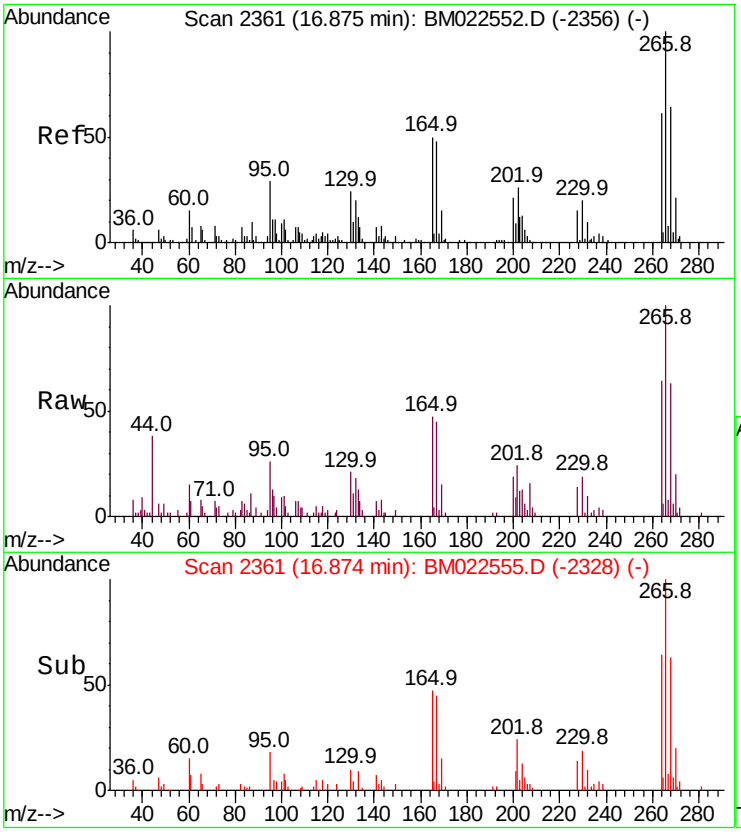


#68
Atrazine
Concen: 3.077 ng/ul
RT: 16.69 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:200 Resp: 54144

Ion	Ratio	Lower	Upper
200	100		
173	26.6	21.6	32.4
215	45.4	39.0	58.4



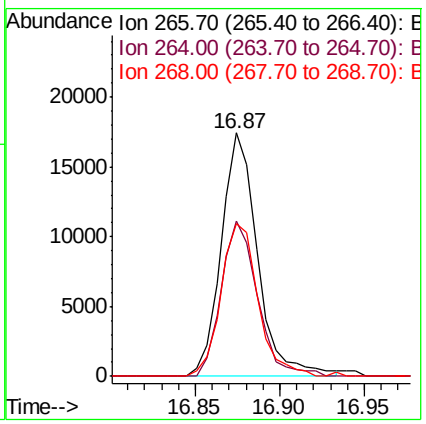


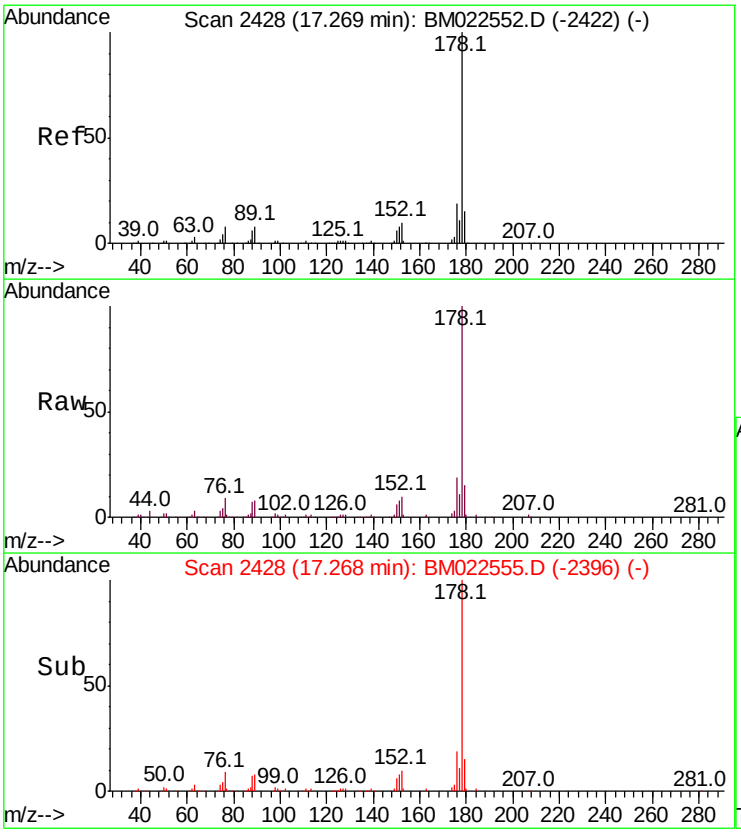
#69
Pentachlorophenol
Concen: 2.561 ng/ul
RT: 16.87 min Scan# 2361
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:266 Resp: 26095

Ion	Ratio	Lower	Upper
266	100		
264	63.9	50.8	76.2
268	62.8	50.9	76.3

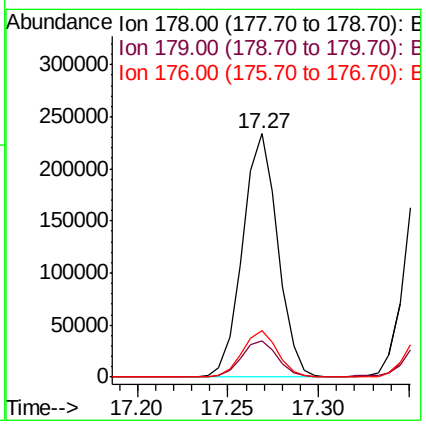


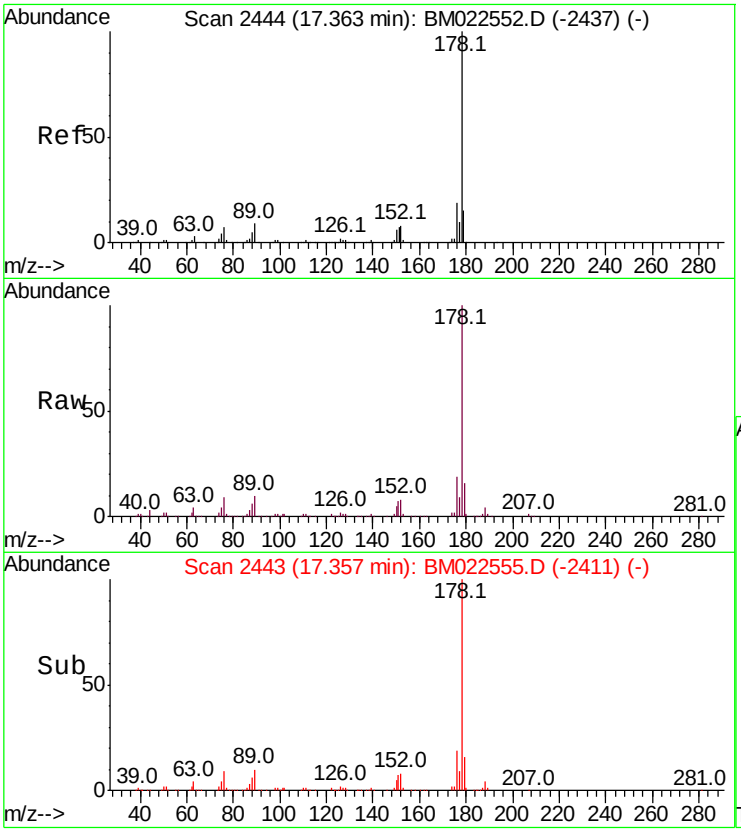


#70
Phenanthrene
Concen: 3.824 ng/ul
RT: 17.27 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:178 Resp: 314063

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.0	18.0
176	19.1	15.4	23.0



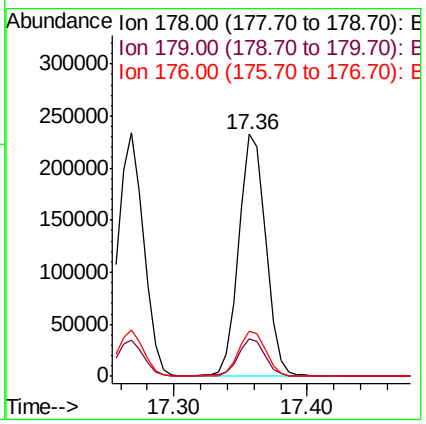


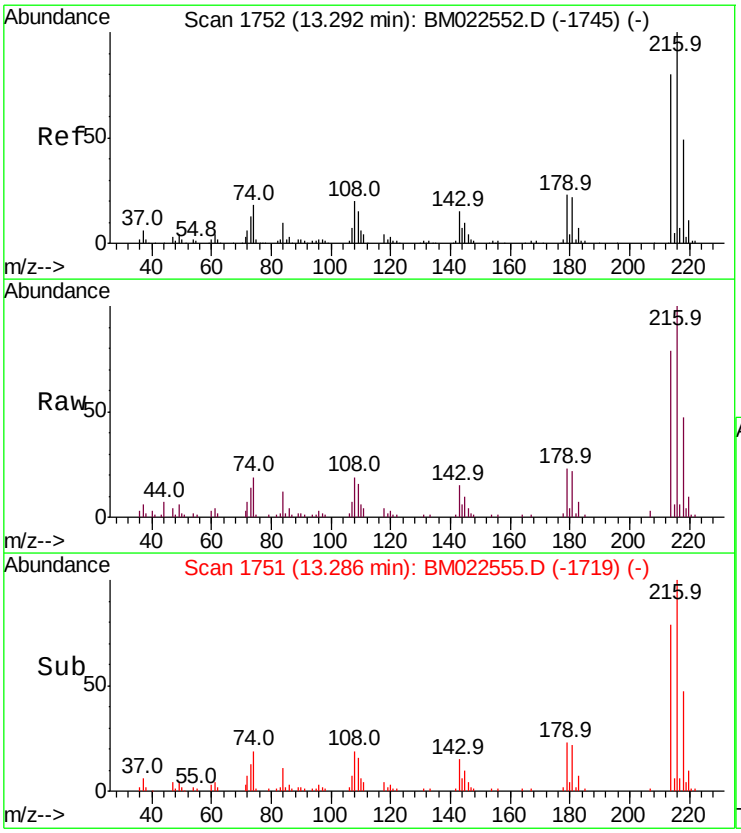
#72
Anthracene
Concen: 3.849 ng/ul
RT: 17.36 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:178 Resp: 324727

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.7	14.7	22.1

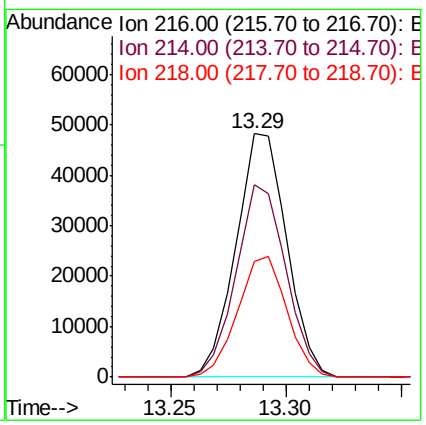


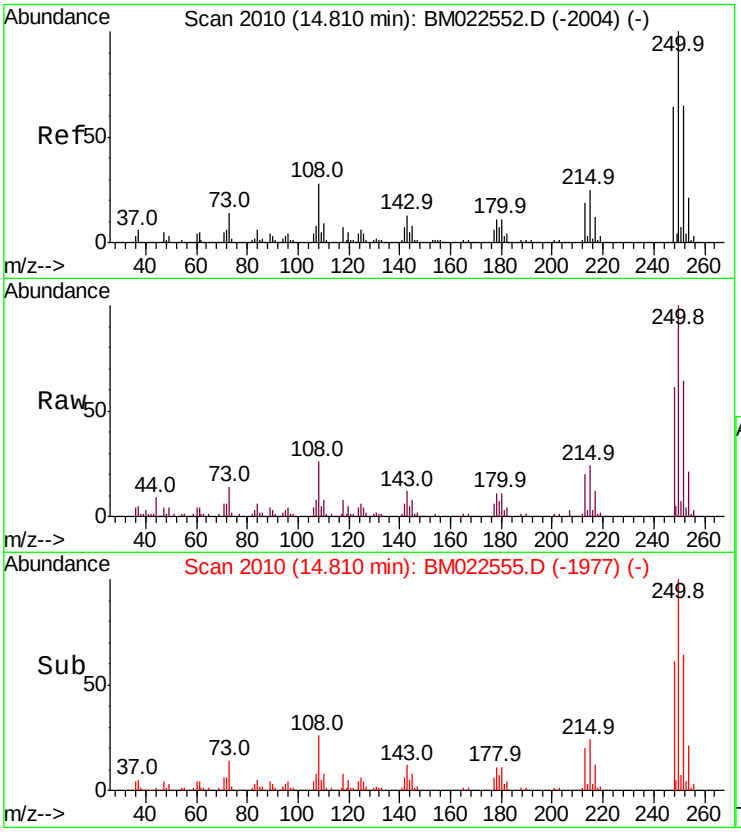


#73
1,2,3,4-Tetrachlorobenzene
Concen: 3.555 ng/uL
RT: 13.29 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:216 Resp: 74253

Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.5	93.7
218	47.3	38.2	57.4



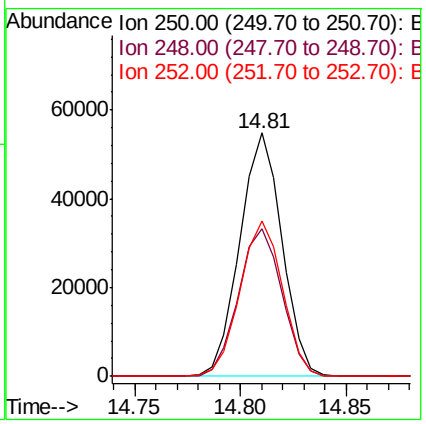


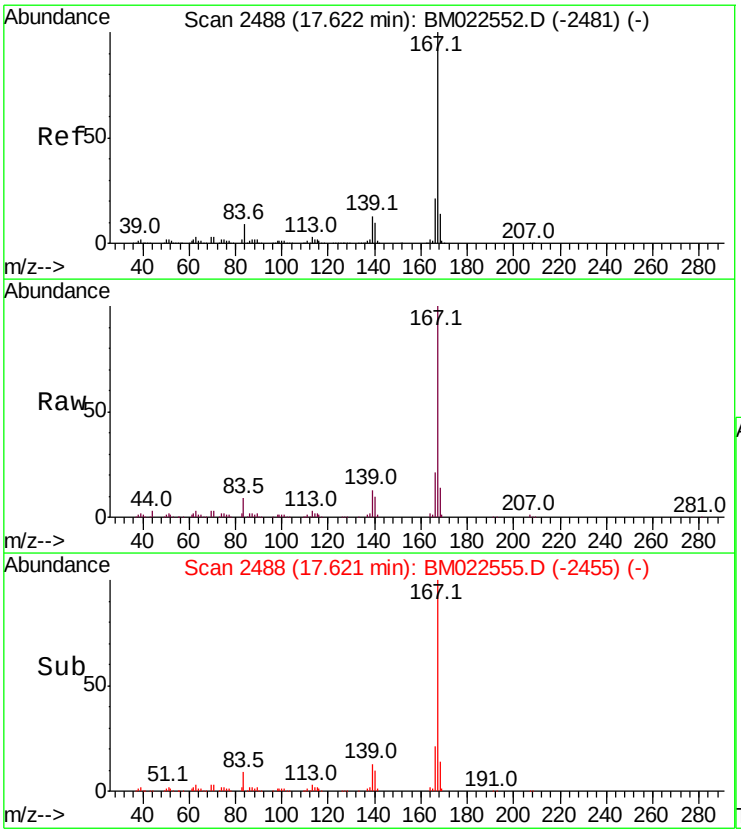
#74
Pentachlorobenzene
Concen: 3.620 ng/uL
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:250 Resp: 76214

Ion	Ratio	Lower	Upper
250	100		
248	60.7	51.3	76.9
252	63.6	51.1	76.7

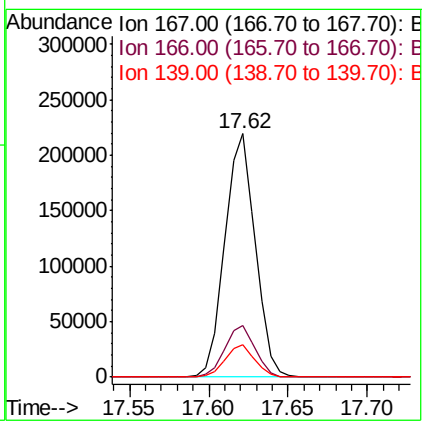


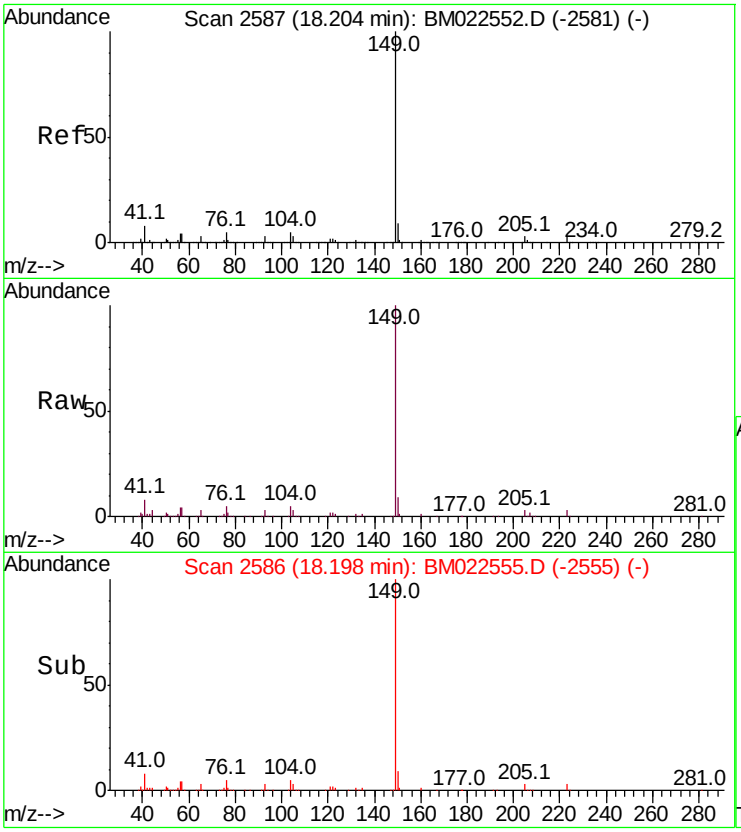


#75
Carbazole
Concen: 3.834 ng/ul
RT: 17.62 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:167 Resp: 290735

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.0
139	13.1	10.6	15.8



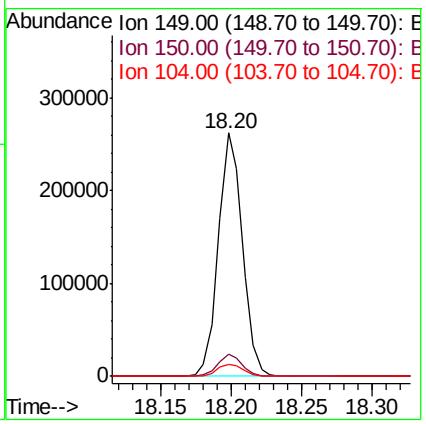


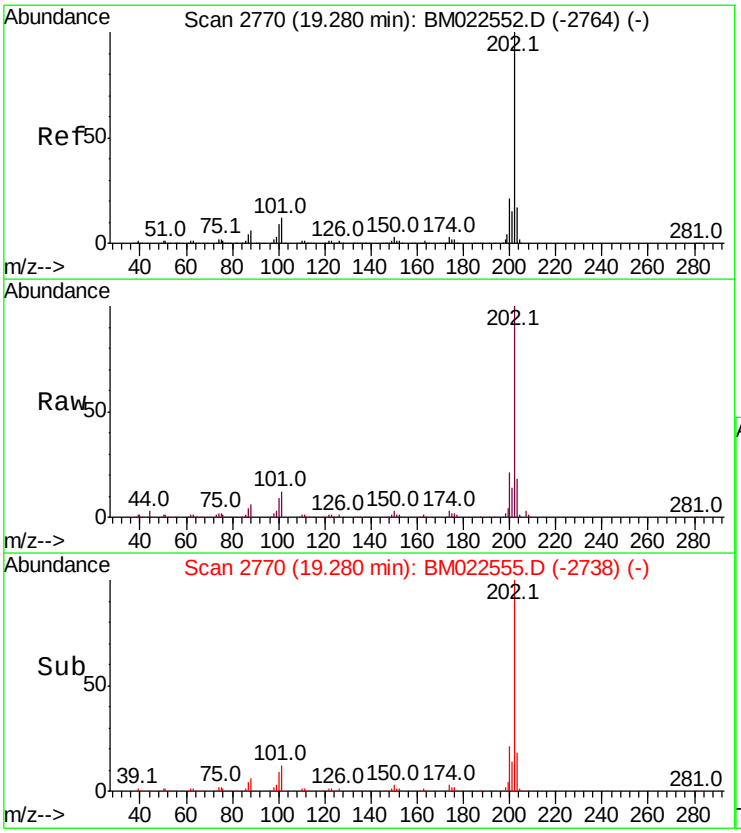
#76
Di-n-butylphthalate
Concen: 3.235 ng/ul
RT: 18.20 min Scan# 2586
Delta R.T. -0.02 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:149 Resp: 310665

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	5.2	3.9	5.9

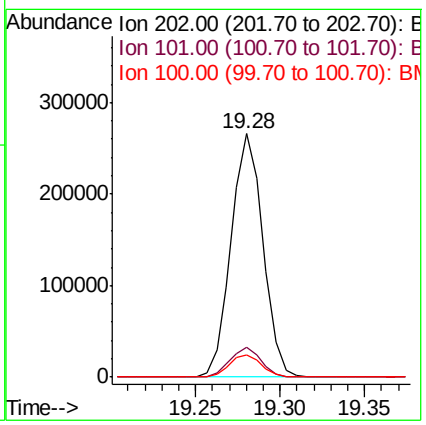


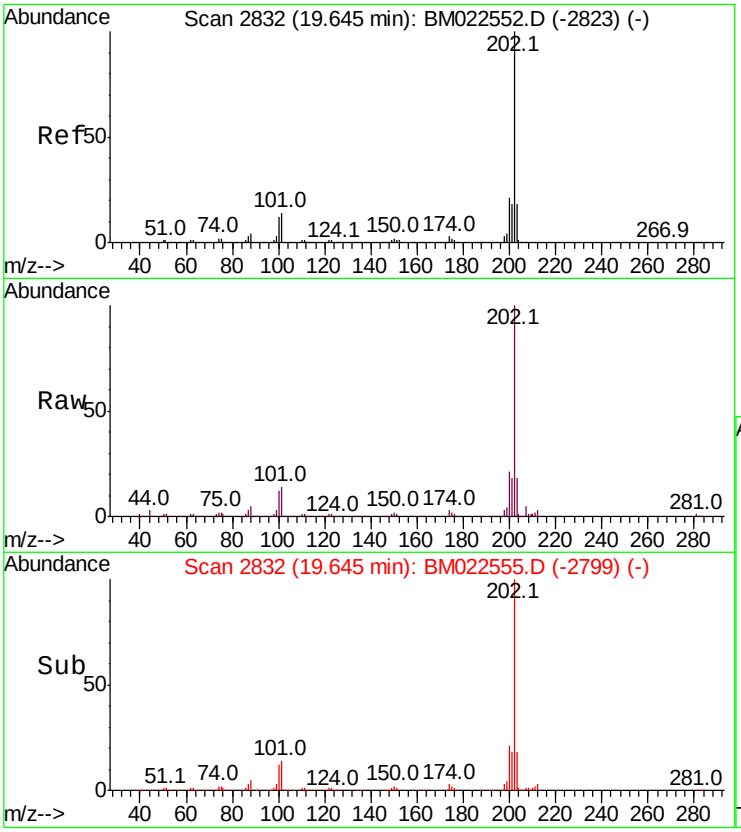


#77
Fluoranthene
Concen: 3.745 ng/ul
RT: 19.28 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:202 Resp: 349127

Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.8	13.2
100	9.3	6.3	9.5



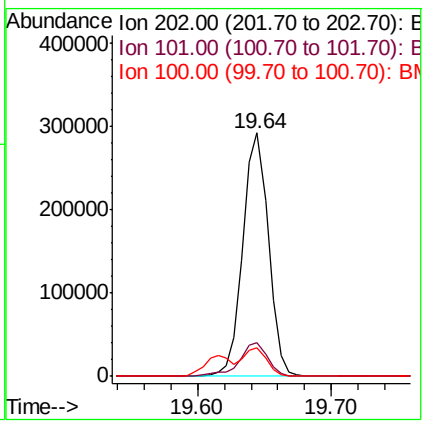


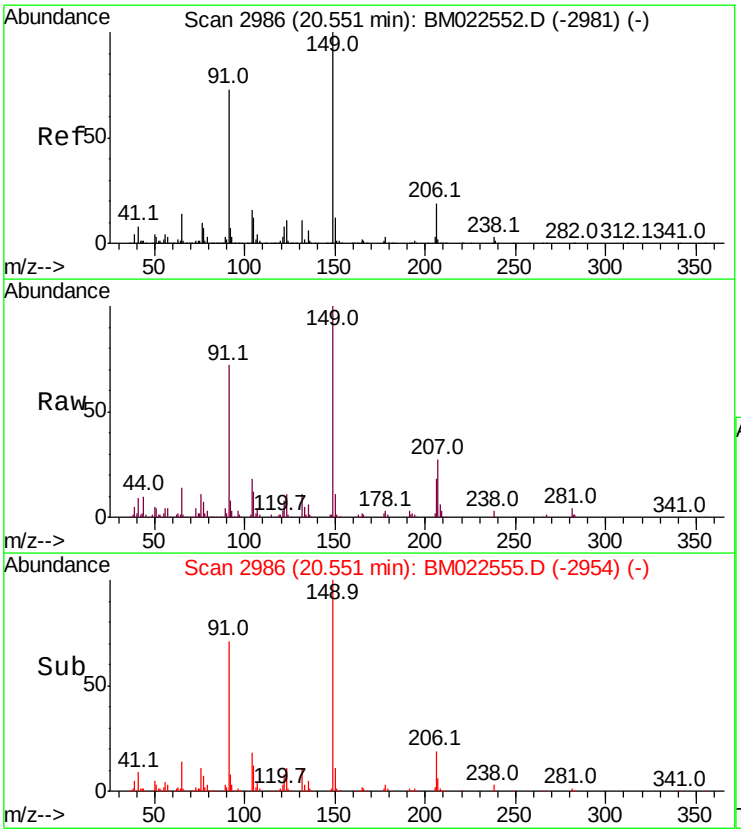
#80
Pyrene
Concen: 3.846 ng/ul
RT: 19.64 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:202 Resp: 385091

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.6	16.0
100	11.6	8.6	13.0

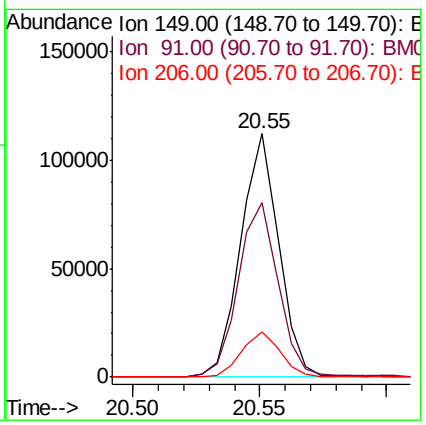


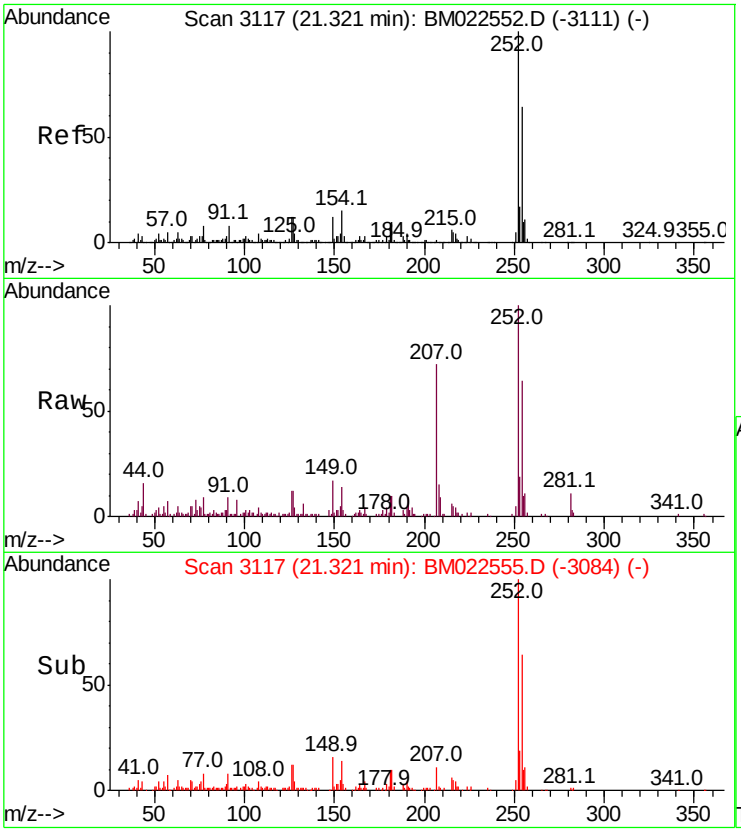


#81
Butylbenzylphthalate
Concen: 2.773 ng/ul
RT: 20.55 min Scan# 2986
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:149 Resp: 117059

Ion	Ratio	Lower	Upper
149	100		
91	71.6	55.4	83.0
206	18.5	17.0	25.4



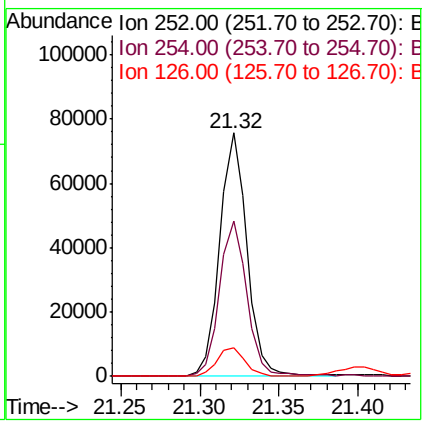


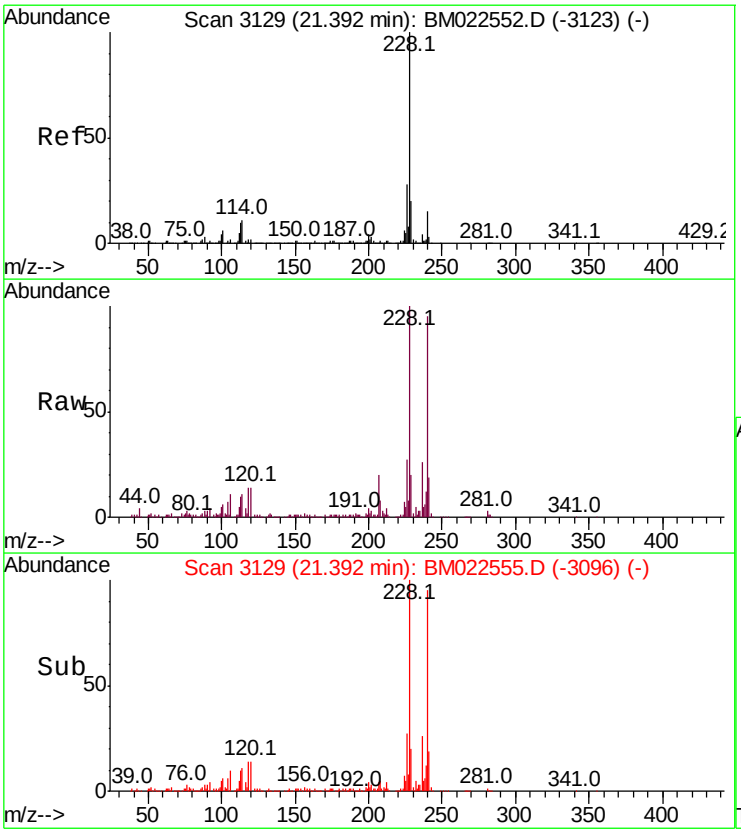
#82
3,3'-Dichlorobenzidine
Concen: 2.571 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:252 Resp: 90436

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.2	76.8
126	11.9	8.6	13.0

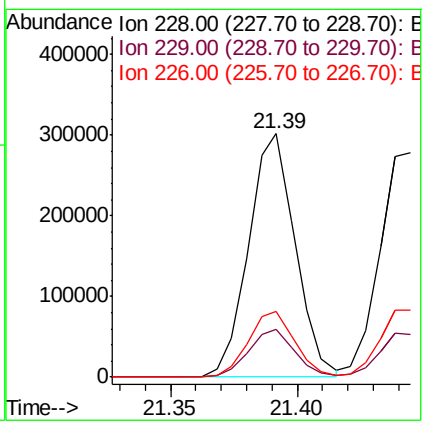


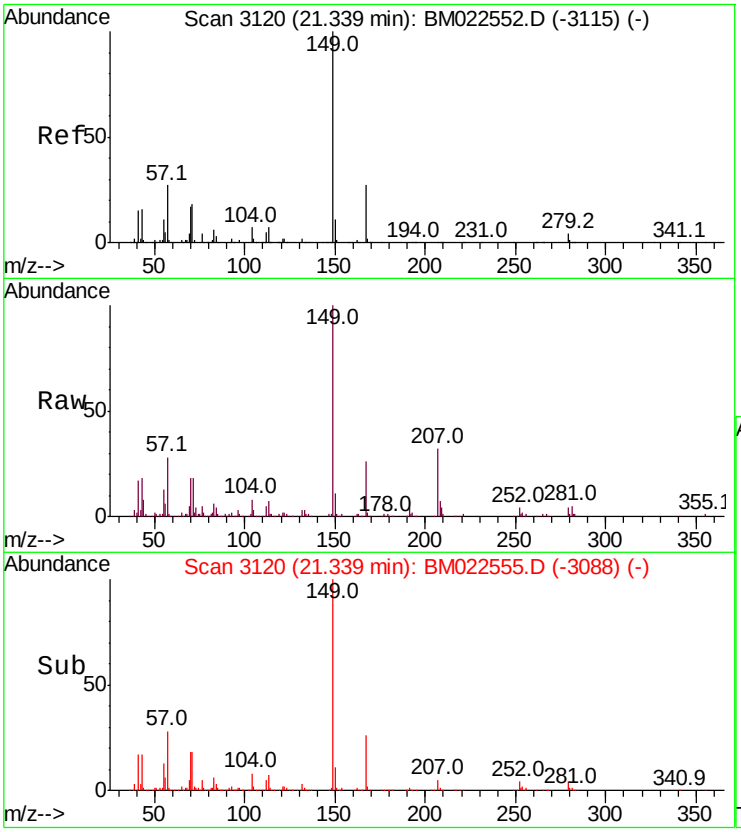


#83
Benzo(a)anthracene
Concen: 3.754 ng/ul
RT: 21.39 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:228 Resp: 385212

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.7	23.5
226	27.0	22.2	33.2



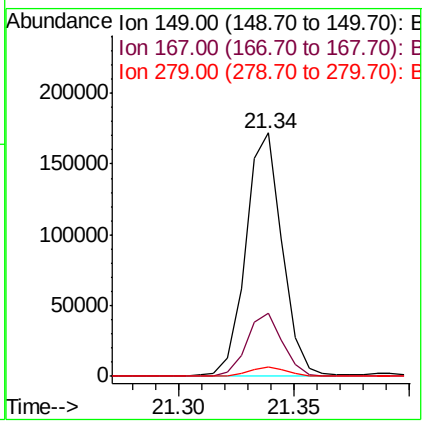


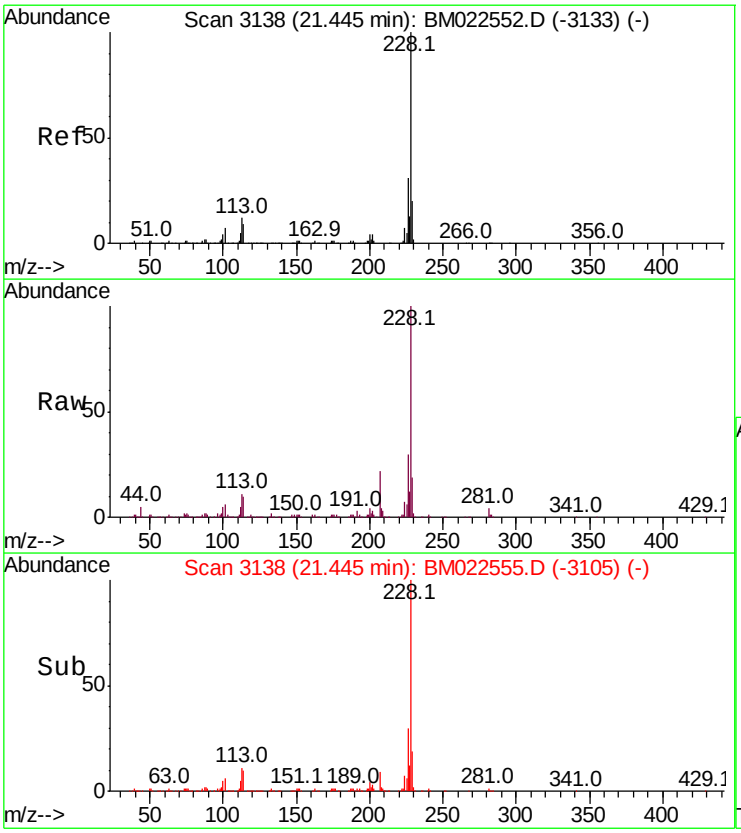
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.946 ng/ul
RT: 21.34 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:149 Resp: 188731

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.7	32.5
279	4.1	3.5	5.3

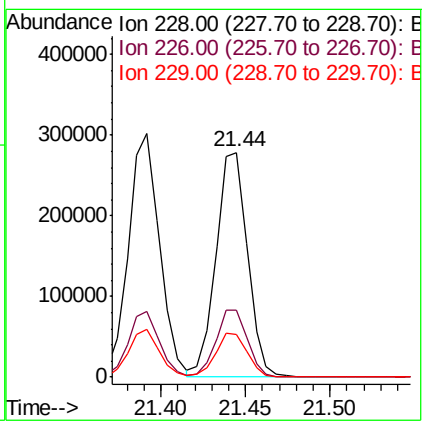


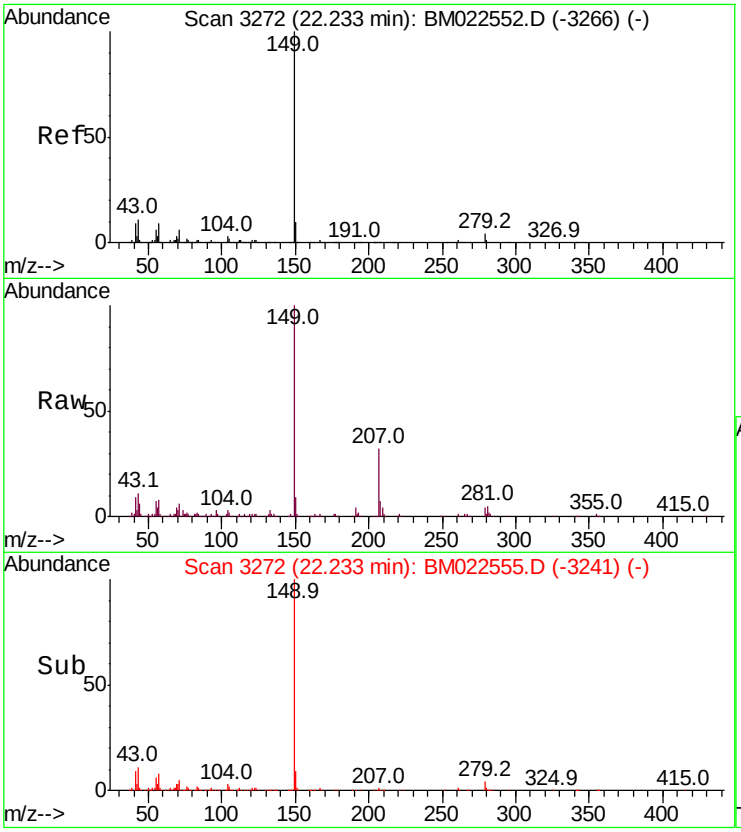


#85
Chrysene
Concen: 3.845 ng/ul
RT: 21.44 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:228 Resp: 363130

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.4
229	18.9	15.8	23.6

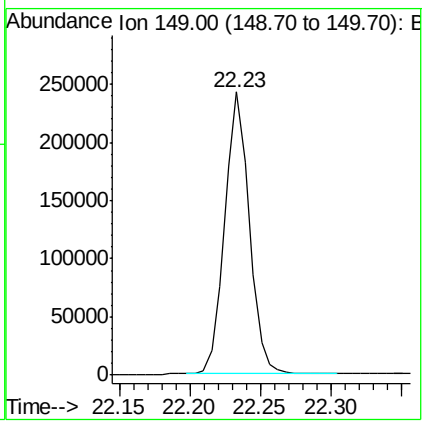


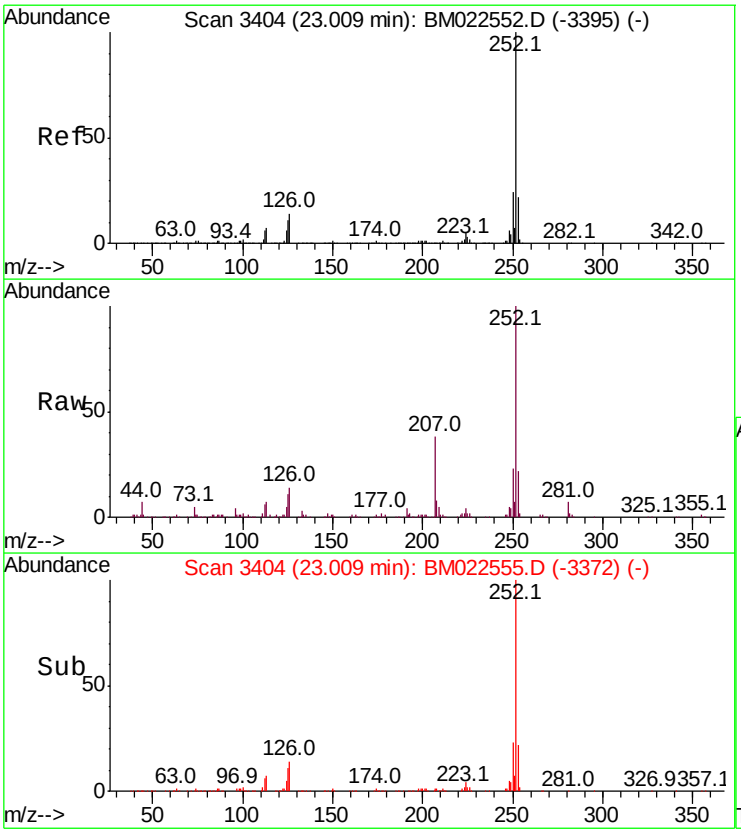


#87
Di-n-octyl phthalate
Concen: 2.546 ng/ul
RT: 22.23 min Scan# 3272
Delta R.T. -0.02 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:149 Resp: 292170

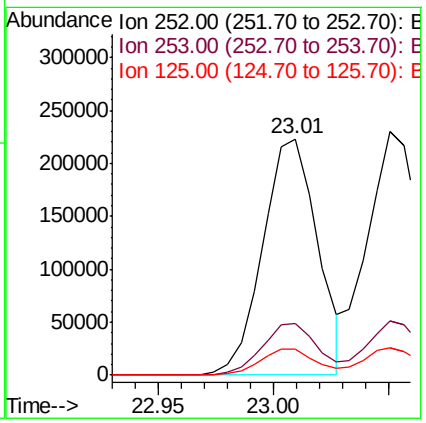


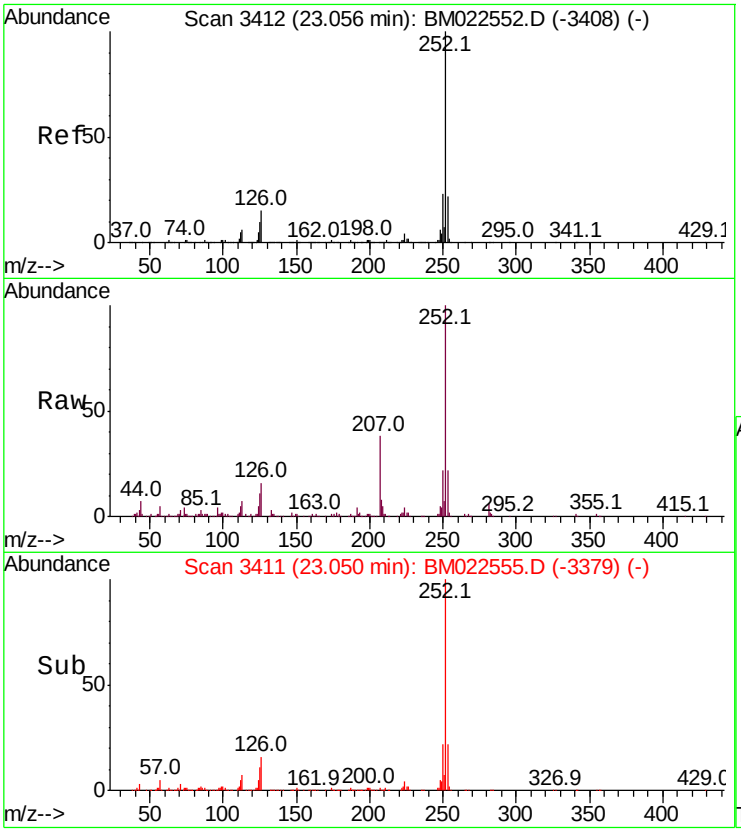


#88
Benzo(b)fluoranthene
Concen: 3.497 ng/ul
RT: 23.01 min Scan# 3404
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:252 Resp: 368761

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	10.9	8.0	12.0



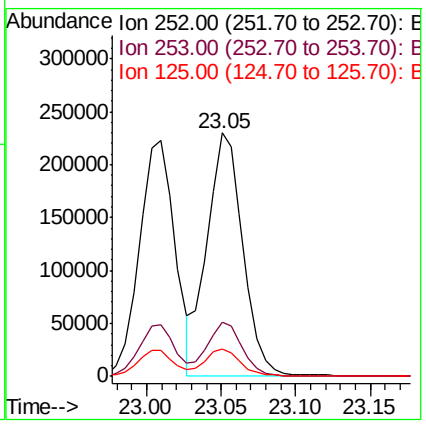


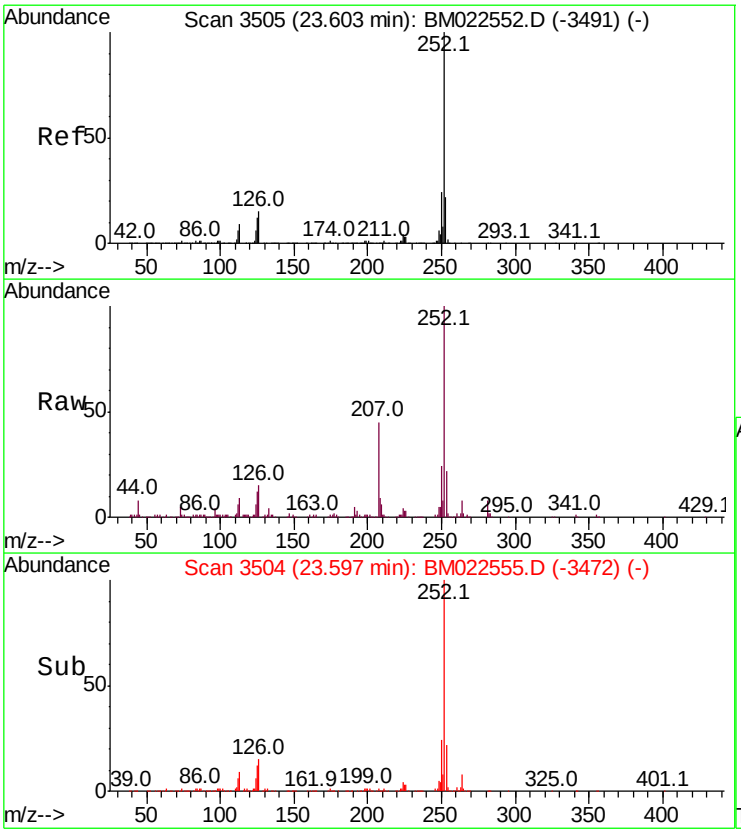
#89
Benzo(k)fluoranthene
Concen: 3.737 ng/ul
RT: 23.05 min Scan# 3411
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:252 Resp: 383048

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	11.1	8.2	12.2

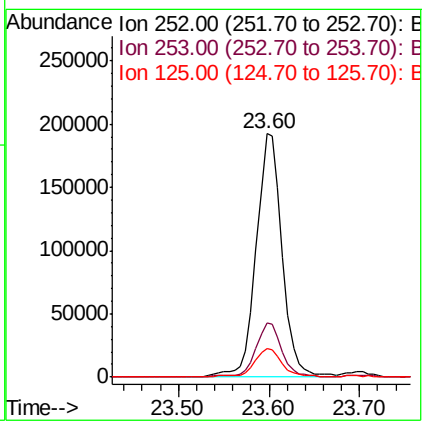


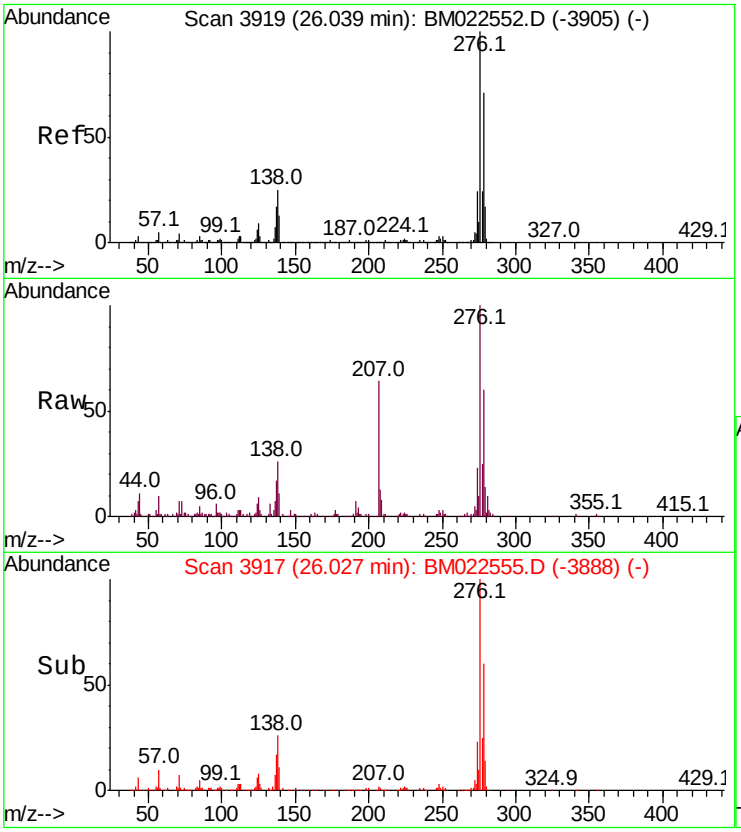


#91
Benzo(a)pyrene
Concen: 3.805 ng/ul
RT: 23.60 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:252 Resp: 382884

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	12.0	8.9	13.3



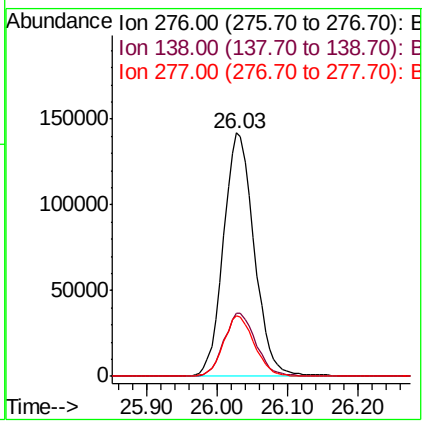


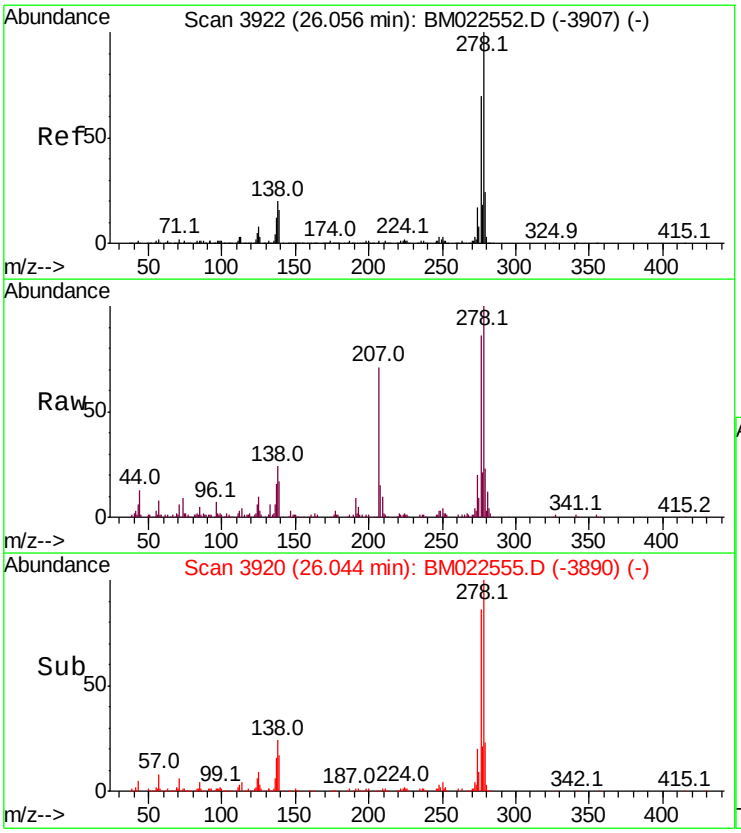
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.703 ng/ul
RT: 26.03 min Scan# 3917
Delta R.T. -0.03 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:276 Resp: 430459

Ion	Ratio	Lower	Upper
276	100		
138	26.2	19.2	28.8
277	24.9	19.8	29.8

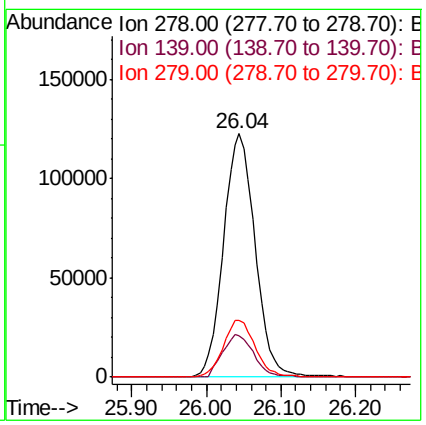


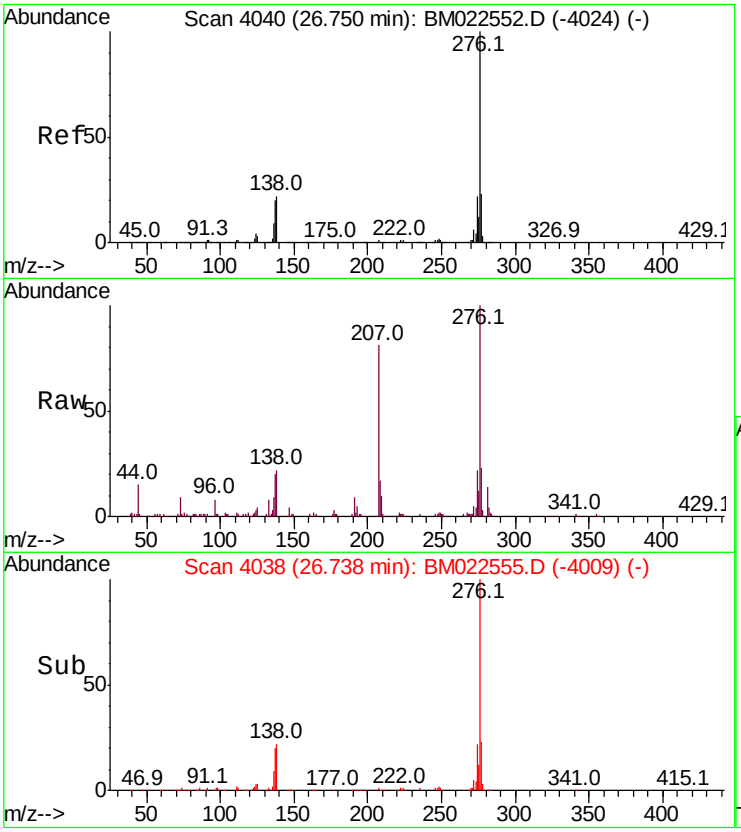


#93
Dibenzo(a,h)anthracene
Concen: 3.736 ng/ul
RT: 26.04 min Scan# 3920
Delta R.T. -0.02 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Tgt Ion:278 Resp: 361445

Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.3	19.9
279	23.4	19.2	28.8



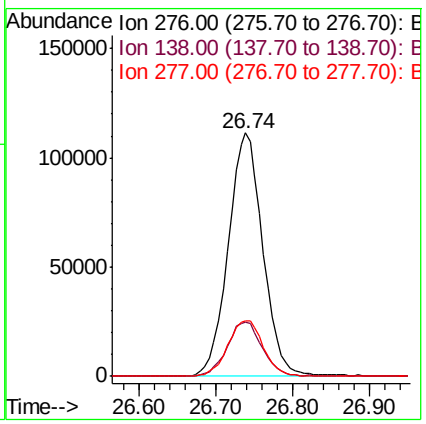


#94
Benzo(g,h,i)perylene
Concen: 3.652 ng/ul
RT: 26.74 min Scan# 4038
Delta R.T. -0.03 min
Lab File: BM022555.D
Acq: 06 Sep 2019 16:56

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Tgt Ion:276 Resp: 348785

Ion	Ratio	Lower	Upper
276	100		
138	22.3	17.0	25.6
277	22.7	18.8	28.2



Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022555.D
Acq On : 06 Sep 2019 16:56
Operator : HP/JU
Sample : MDL-W-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-W-02

Quant Time: Sep 06 17:39:44 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	220950	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	994112	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.49	164	639171	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1341476	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	1383433	20.00	ng/ul	-0.01
86) Perylene-d12	23.70	264	1603069	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	9489	1.79	ng/uL	0.00
5) Phenol-d5	7.01	99	572491	28.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	357140	30.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	457056	28.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	463490	27.97	ng/ul	-0.01
19) Nitrobenzene-d5	9.01	128	217815	30.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	198167	29.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	436619	26.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	668924	30.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	1527851	29.50	ng/ul	-0.01
47) Acenaphthylene-d8	14.18	160	1886650	30.42	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.66	143	256383	28.98	ng/ul	0.00
58) Fluorene-d10	15.48	176	1270231	29.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	150883	24.75	ng/ul	-0.01
71) Anthracene-d10	17.33	188	2016087	29.34	ng/ul	0.00
79) Pyrene-d10	19.62	212	2214511	28.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	2435679	28.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	8793	1.648	ng/uL	95
4) Benzaldehyde	7.00	77	33112	3.111	ng/ul	96
6) Phenol	7.04	94	78931	3.706	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.28	93	63012	3.896	ng/ul	96
10) 2-Chlorophenol	7.42	128	64210	3.795	ng/ul	97
11) 2-Methylphenol	8.29	108	57977	3.488	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.39	45	98283	4.132	ng/ul	98
14) Acetophenone	8.67	105	103347	3.997	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.66	70	53358	3.820	ng/ul	95
16) 4-Methylphenol	8.62	108	65371	3.643	ng/ul	96
17) Hexachloroethane	8.95	117	25749	3.841	ng/ul	97
20) Nitrobenzene	9.05	77	75218	4.192	ng/ul	96
21) Isophorone	9.58	82	148709	3.698	ng/ul	98
23) 2-Nitrophenol	9.76	139	30445	3.879	ng/ul	94
24) 2,4-Dimethylphenol	9.82	107	70180	3.566	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.06	93	87927	3.729	ng/ul	98
27) 2,4-Dichlorophenol	10.29	162	58816	3.548	ng/ul	91
28) Naphthalene	10.70	128	212671	3.859	ng/ul	100
30) 4-Chloroaniline	10.80	127	86458	3.795	ng/ul	98
31) Hexachlorobutadiene	11.00	225	36926	3.616	ng/ul	99
32) Caprolactam	11.58	113	17669	2.863	ng/ul	94
33) 4-Chloro-3-methylphenol	11.92	107	63222	3.456	ng/ul	99
34) 2-Methylnaphthalene	12.32	142	155776	3.751	ng/ul	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022555.D
Acq On : 06 Sep 2019 16:56
Operator : HP/JU
Sample : MDL-W-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-W-02

Quant Time: Sep 06 17:39:44 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	149370	3.765 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.68	216	74963	3.635 ng/ul	98
38) Hexachlorocyclopentadiene	12.67	237	37356	2.938 ng/ul	98
39) 2,4,6-Trichlorophenol	12.92	196	39709	3.076 ng/ul	100
40) 2,4,5-Trichlorophenol	12.99	196	46410	3.315 ng/ul	99
41) 1,1'-Biphenyl	13.33	154	204689	3.846 ng/ul	99
42) 2-Chloronaphthalene	13.36	162	154923	3.845 ng/ul	98
43) 2-Nitroaniline	13.56	65	35011	3.721 ng/ul	94
45) Dimethylphthalate	13.95	163	202975	3.861 ng/ul	99
46) 2,6-Dinitrotoluene	14.05	165	27584	3.223 ng/ul	90
48) Acenaphthylene	14.21	152	247828	3.853 ng/ul	99
49) 3-Nitroaniline	14.37	138	27599	2.974 ng/ul	97
50) Acenaphthene	14.55	153	169844	3.810 ng/ul	98
51) 2,4-Dinitrophenol	14.58	184	11891	3.028 ng/ul#	83
53) 4-Nitrophenol	14.67	109	28439	4.001 ng/ul#	86
54) Dibenzofuran	14.89	168	241195	3.899 ng/ul	99
55) 2,4-Dinitrotoluene	14.84	165	44324	3.535 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.11	232	35731	3.072 ng/ul#	97
57) Diethylphthalate	15.31	149	201522	3.705 ng/ul	98
59) Fluorene	15.53	166	198388	3.898 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.53	204	94077	3.735 ng/ul	97
61) 4-Nitroaniline	15.53	138	31732	3.000 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.60	198	22644	3.209 ng/ul#	70
65) N-Nitrosodiphenylamine	15.74	169	172071	3.759 ng/ul	99
66) 4-Bromophenyl-phenylether	16.42	248	57436	3.427 ng/ul	96
67) Hexachlorobenzene	16.54	284	67673	3.664 ng/ul	100
68) Atrazine	16.69	200	54144	3.077 ng/ul	97
69) Pentachlorophenol	16.87	266	26095	2.561 ng/ul	99
70) Phenanthrene	17.27	178	314063	3.824 ng/ul	100
72) Anthracene	17.36	178	324727	3.849 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	74253	3.555 ng/uL	99
74) Pentachlorobenzene	14.81	250	76214	3.620 ng/uL	98
75) Carbazole	17.62	167	290735	3.834 ng/ul	99
76) Di-n-butylphthalate	18.20	149	310665	3.235 ng/ul	100
77) Fluoranthene	19.28	202	349127	3.745 ng/ul	96
80) Pyrene	19.64	202	385091	3.846 ng/ul	99
81) Butylbenzylphthalate	20.55	149	117059	2.773 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.32	252	90436	2.571 ng/ul	99
83) Benzo(a)anthracene	21.39	228	385212	3.754 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.34	149	188731	2.946 ng/ul	98
85) Chrysene	21.44	228	363130	3.845 ng/ul	99
87) Di-n-octyl phthalate	22.23	149	292170	2.546 ng/ul	100
88) Benzo(b)fluoranthene	23.01	252	368761	3.497 ng/ul	99
89) Benzo(k)fluoranthene	23.05	252	383048	3.737 ng/ul	99
91) Benzo(a)pyrene	23.60	252	382884	3.805 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.03	276	430459	3.703 ng/ul	98
93) Dibenzo(a,h)anthracene	26.04	278	361445	3.736 ng/ul	99
94) Benzo(g,h,i)perylene	26.74	276	348785	3.652 ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022555.D
Acq On : 06 Sep 2019 16:56
Operator : HP/JU
Sample : MDL-W-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Quant Time: Sep 06 17:39:44 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