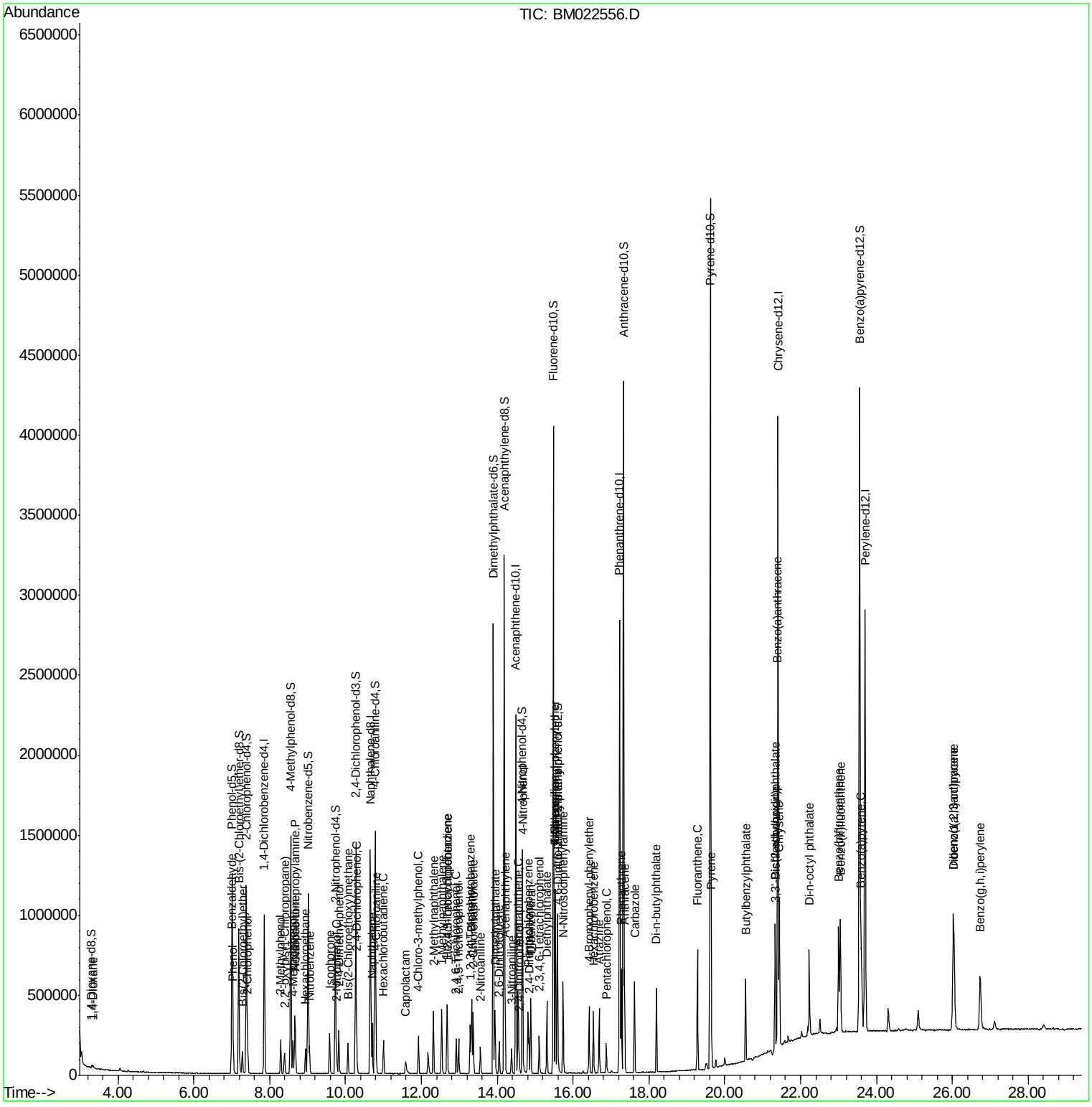
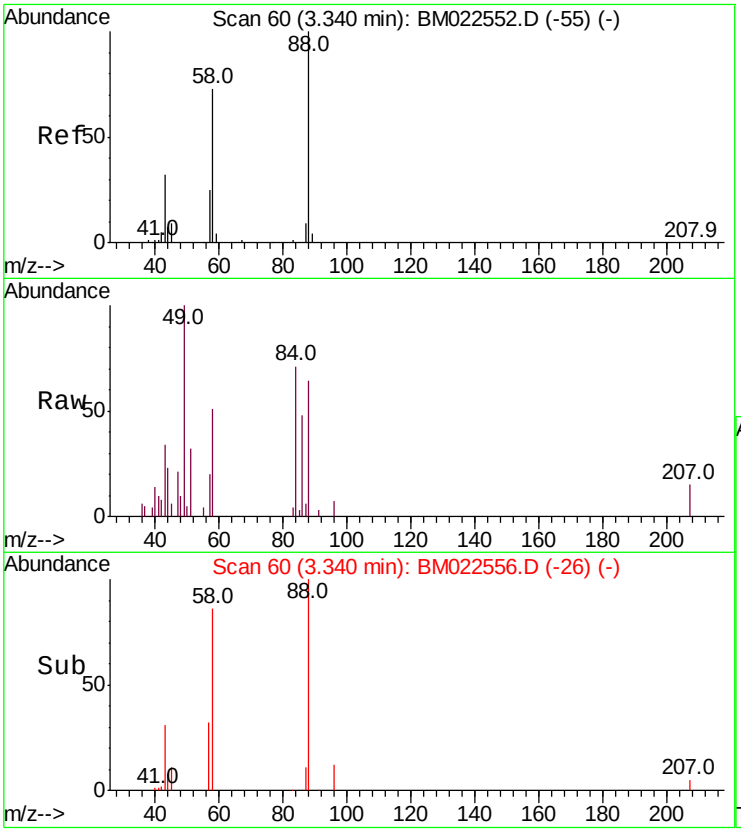
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022556.D
Acq On : 06 Sep 2019 17:32
Operator : HP/JU
Sample : MDL-W-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Quant Time: Sep 06 18:16:12 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



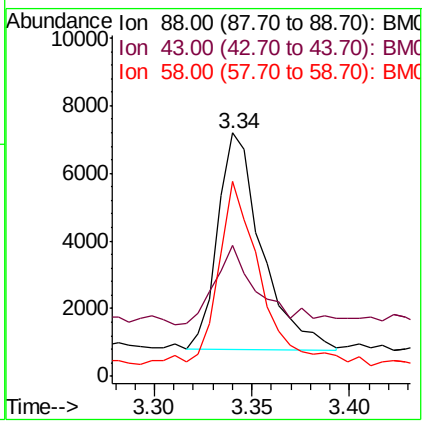


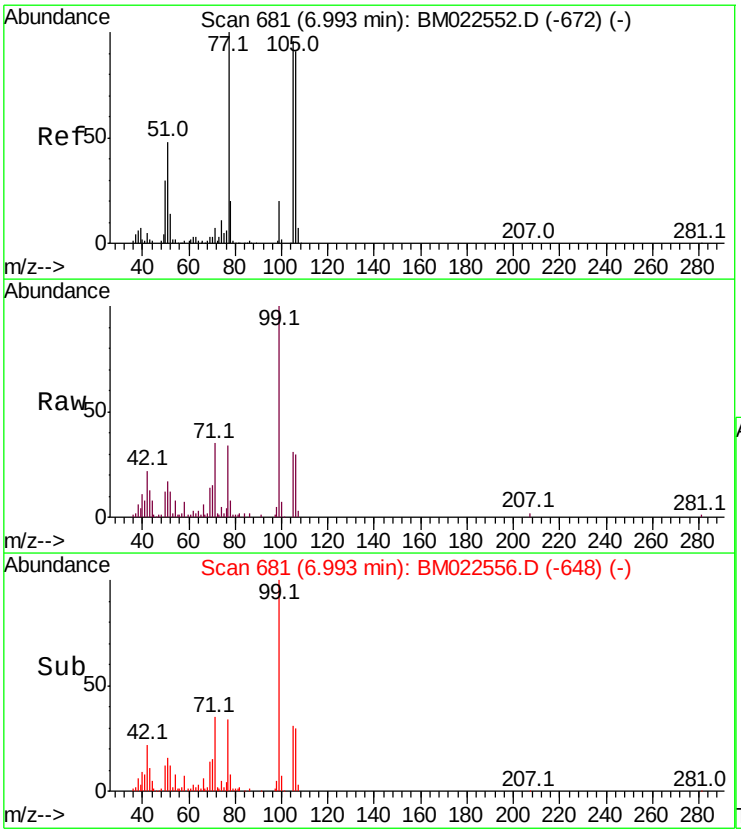
#2
1,4-Dioxane
Concen: 1.618 ng/uL
RT: 3.34 min Scan# 60
Delta R.T. 0.00 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion: 88 Resp: 10034

Ion	Ratio	Lower	Upper
88	100		
43	53.6	37.9	56.9
58	80.2	59.4	89.0

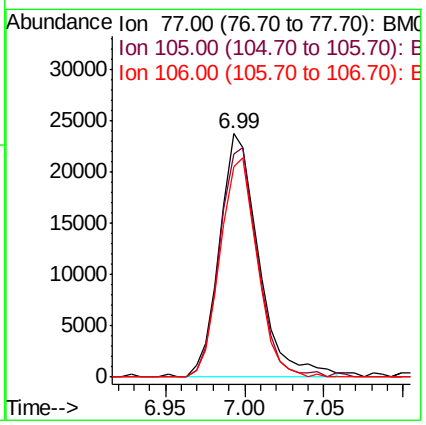


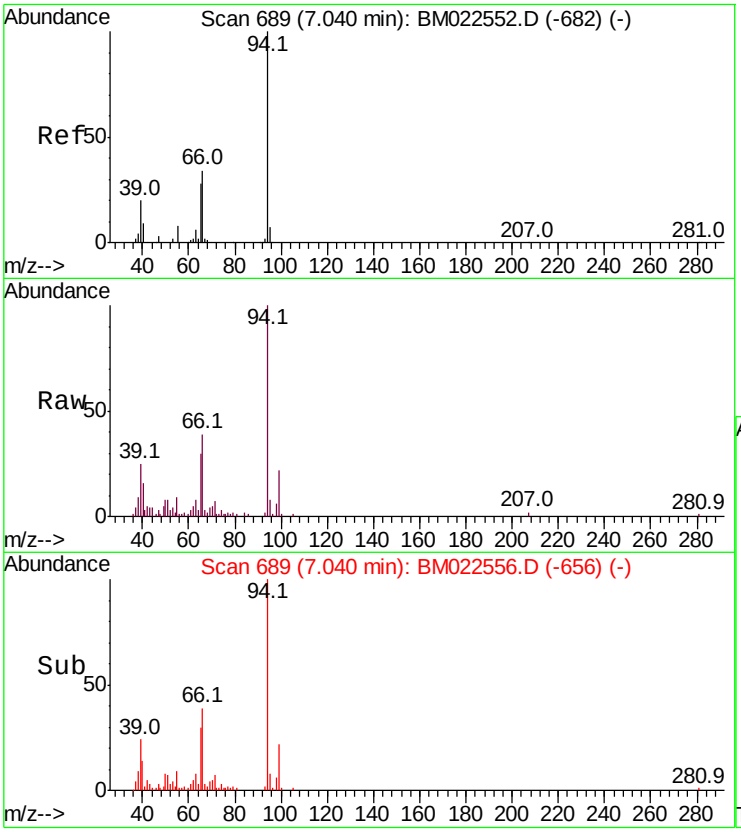


#4
Benzaldehyde
Concen: 3.280 ng/ul
RT: 6.99 min Scan# 681
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion: 77 Resp: 40567

Ion	Ratio	Lower	Upper
77	100		
105	91.5	79.0	118.6
106	86.5	75.1	112.7



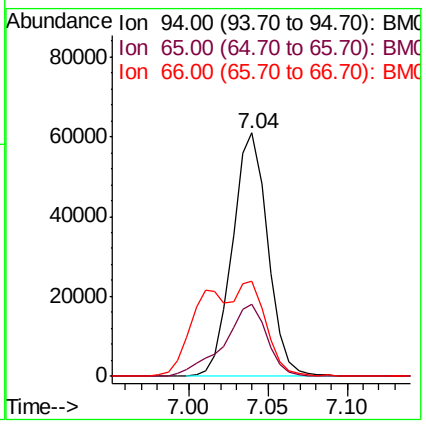


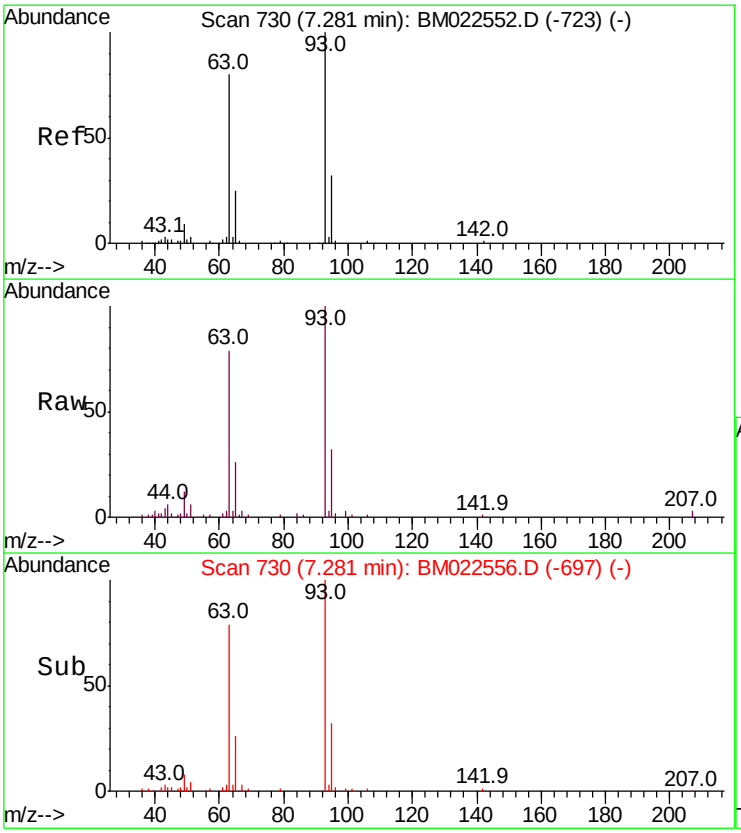
#6
Phenol
Concen: 3.812 ng/ul
RT: 7.04 min Scan# 689
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion: 94 Resp: 94346

Ion	Ratio	Lower	Upper
94	100		
65	29.8	22.8	34.2
66	38.9	29.1	43.7

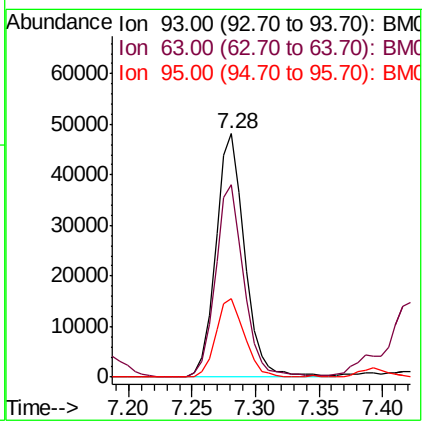


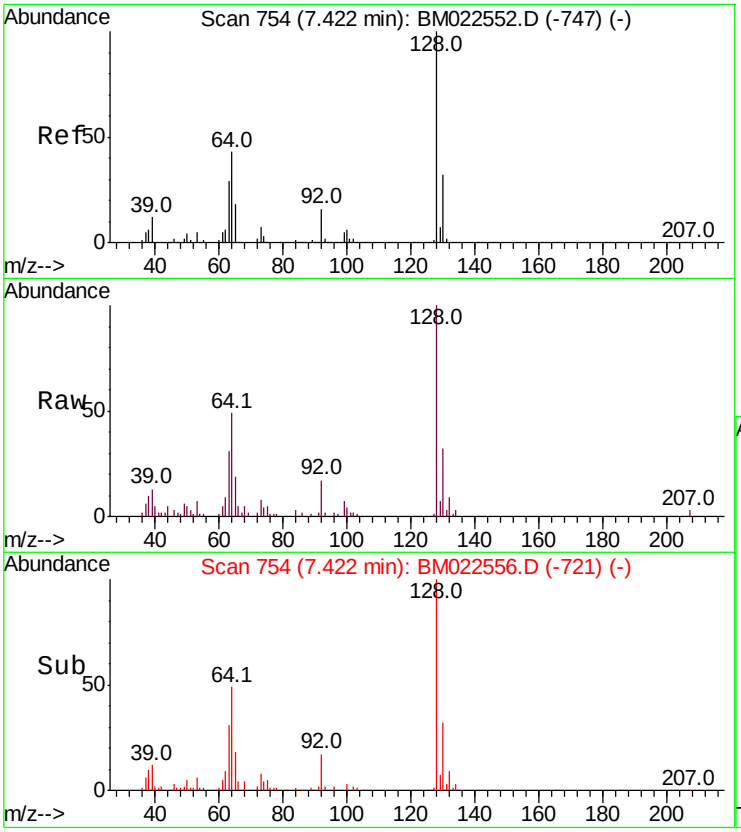


#8
Bis(2-Chloroethyl)ether
Concen: 4.055 ng/ul
RT: 7.28 min Scan# 730
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion: 93 Resp: 76220

Ion	Ratio	Lower	Upper
93	100		
63	79.0	62.2	93.2
95	32.4	26.6	39.8



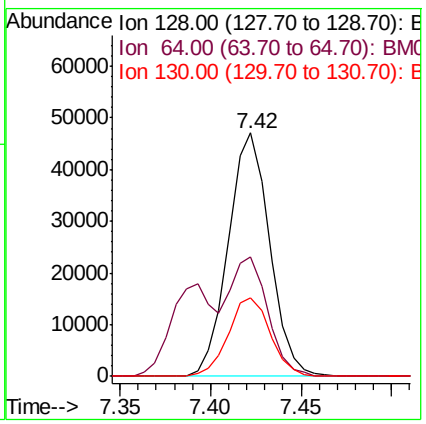


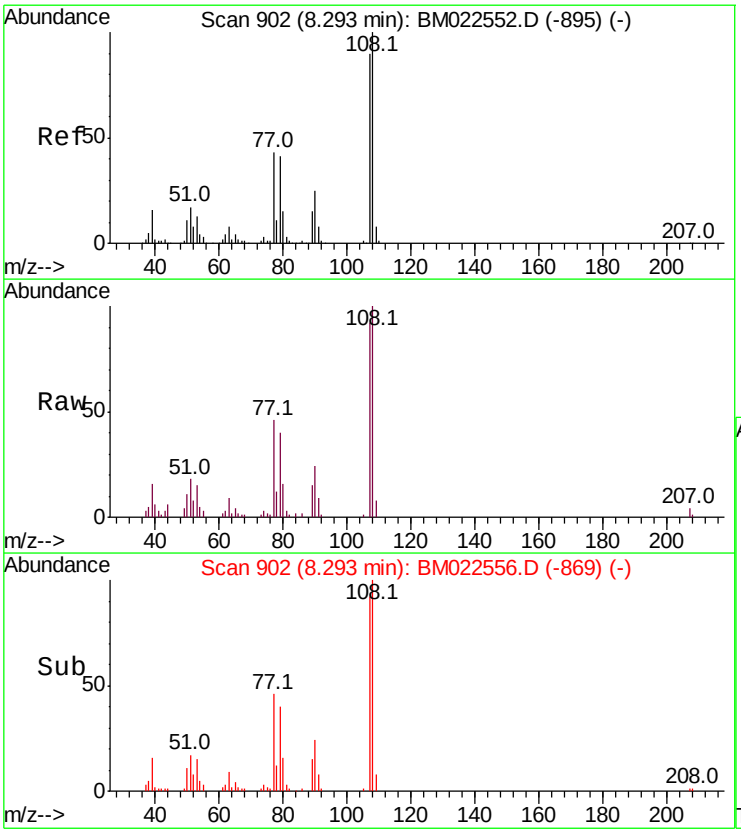
#10
2-Chlorophenol
Concen: 3.803 ng/ul
RT: 7.42 min Scan# 754
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:128 Resp: 74781

Ion	Ratio	Lower	Upper
128	100		
64	49.0	36.0	54.0
130	32.2	26.1	39.1

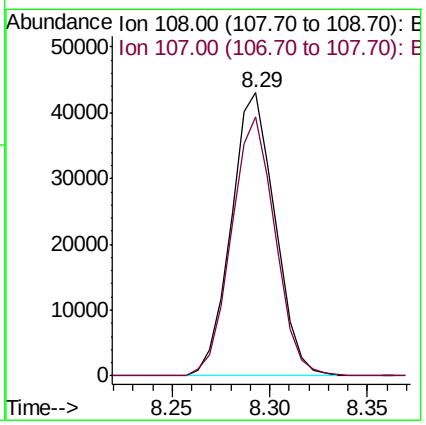


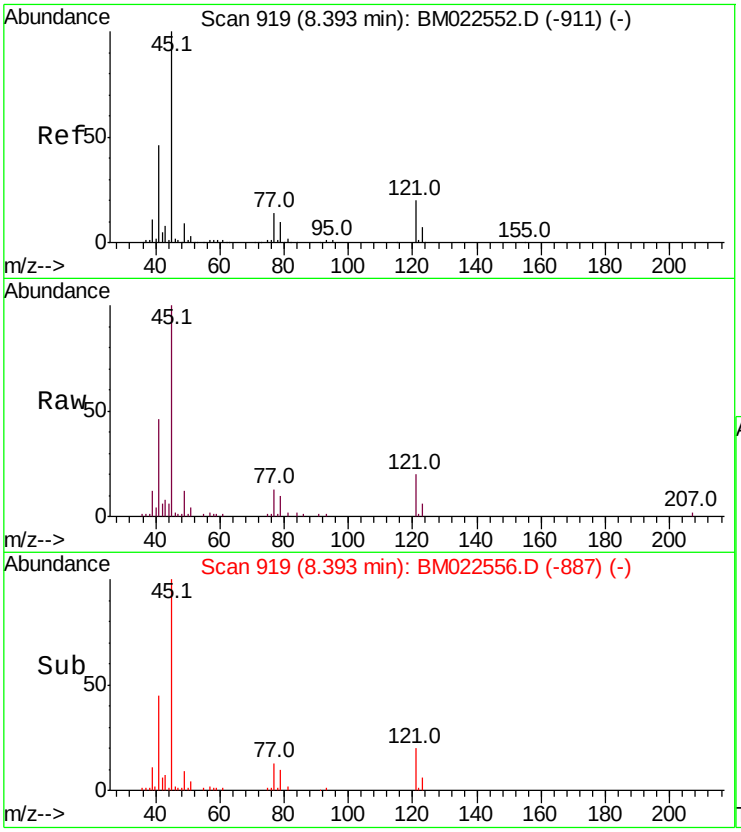


#11
2-Methylphenol
Concen: 3.468 ng/ul
RT: 8.29 min Scan# 902
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:108 Resp: 66982

Ion	Ratio	Lower	Upper
108	100		
107	91.7	70.7	106.1



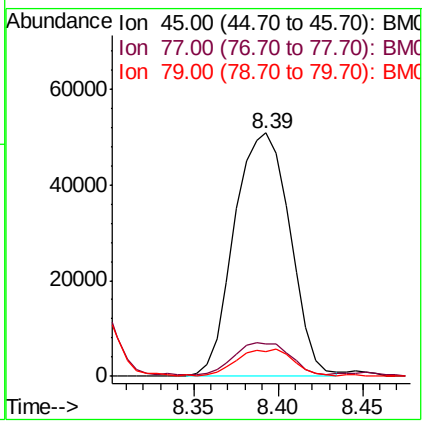


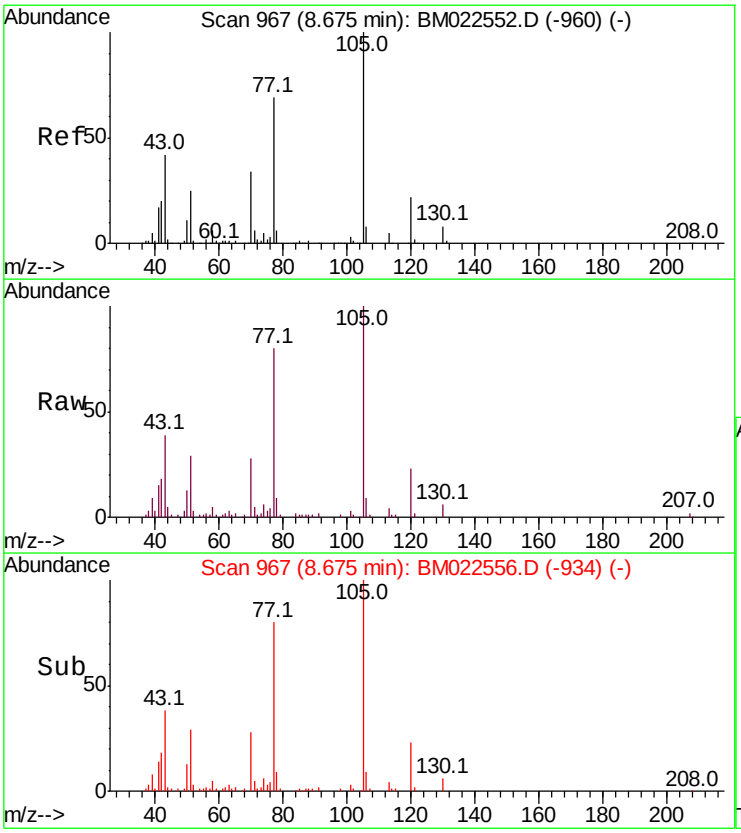
#12
2,2'-oxybis(1-Chloropropane)
Concen: 4.213 ng/ul
RT: 8.39 min Scan# 919
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion: 45 Resp: 116483

Ion	Ratio	Lower	Upper
45	100		
77	13.4	11.6	17.4
79	9.9	9.0	13.6

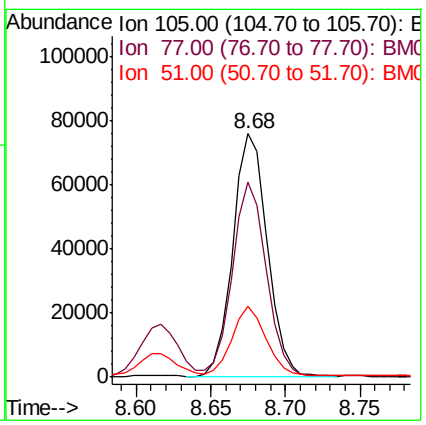


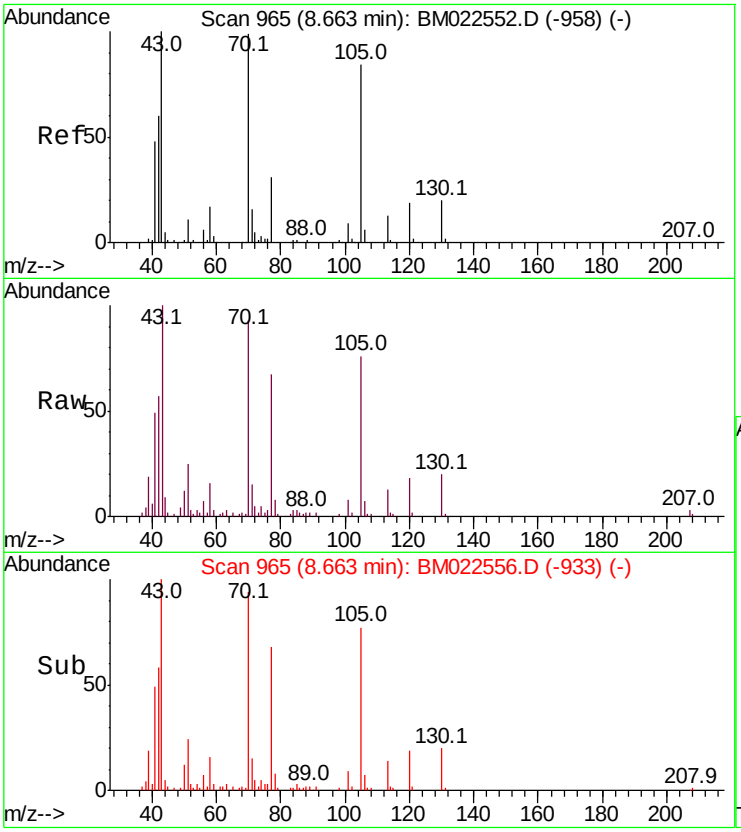


#14
Acetophenone
Concen: 4.078 ng/ul
RT: 8.68 min Scan# 967
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:105 Resp: 122554

Ion	Ratio	Lower	Upper
105	100		
77	79.9	62.1	93.1
51	29.2	21.8	32.6



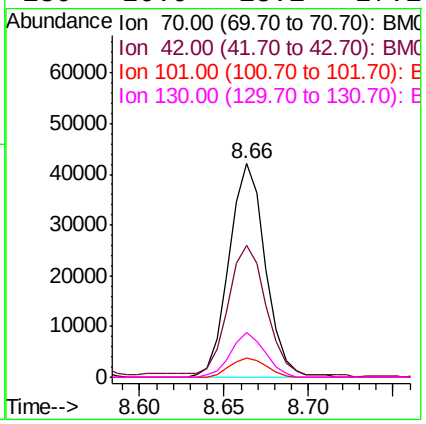


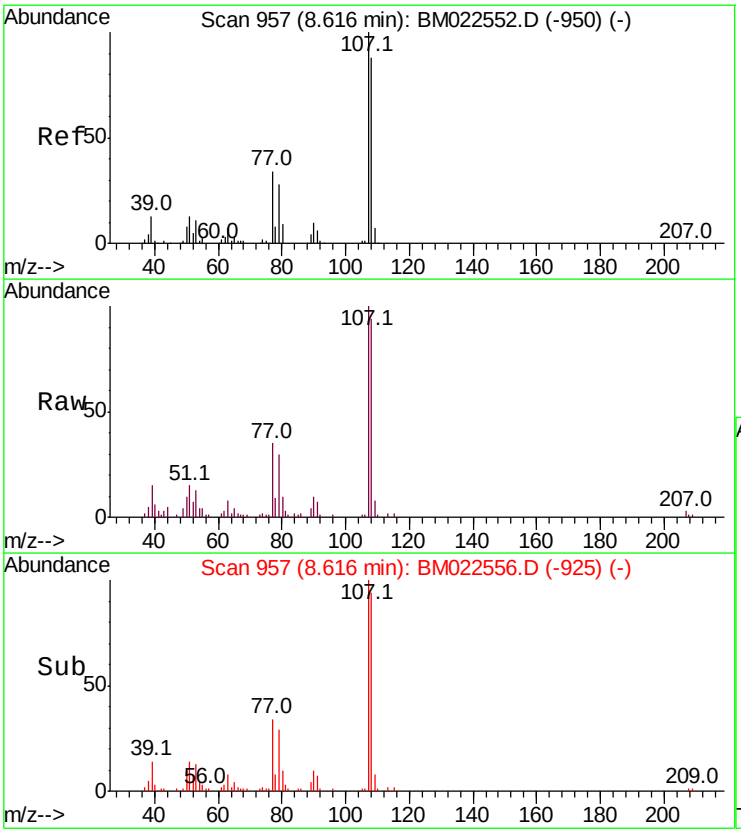
#15
N-Nitroso-di-n-propylamine
Concen: 3.894 ng/ul
RT: 8.66 min Scan# 965
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion: 70 Resp: 63205

Ion	Ratio	Lower	Upper
70	100		
42	61.5	48.3	72.5
101	9.0	8.2	12.2
130	20.9	18.1	27.1

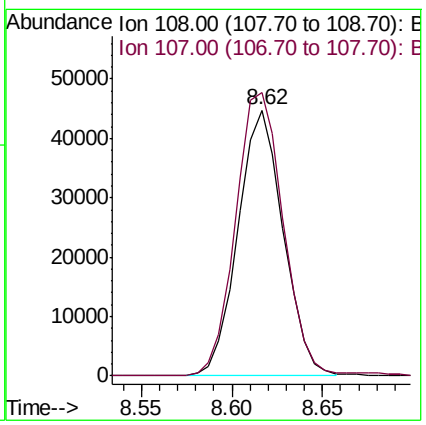


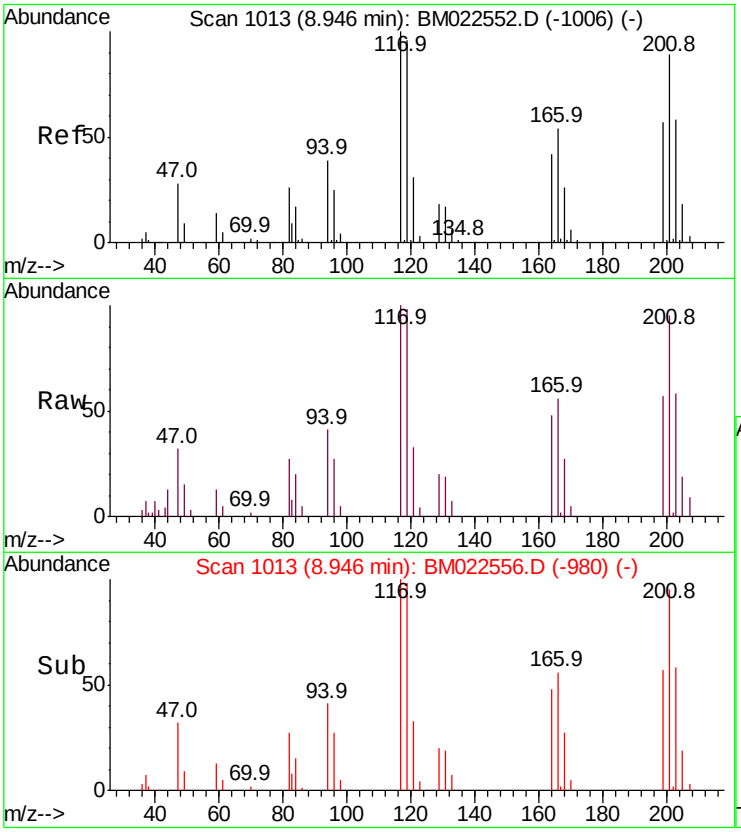


#16
4-Methylphenol
Concen: 3.722 ng/ul
RT: 8.62 min Scan# 957
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:108 Resp: 77625

Ion	Ratio	Lower	Upper
108	100		
107	106.6	87.2	130.8



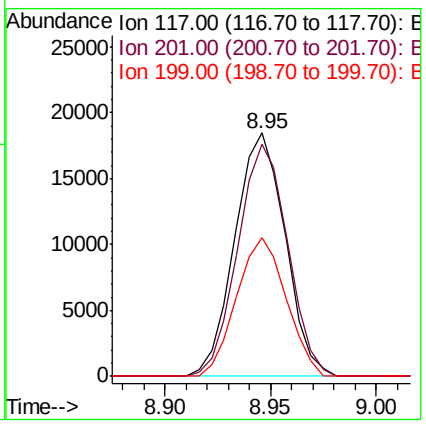


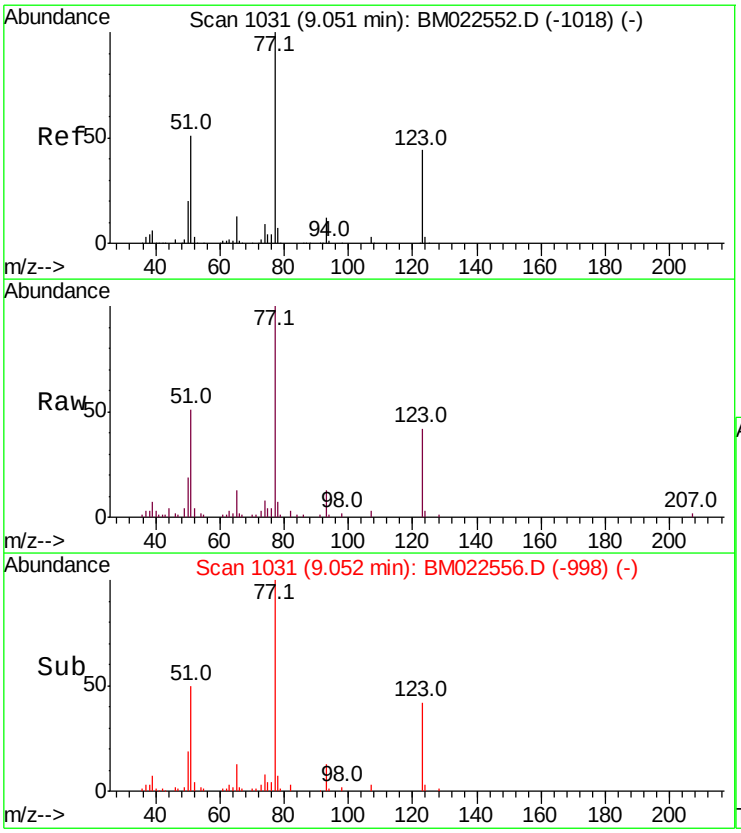
#17
Hexachloroethane
Concen: 3.916 ng/ul
RT: 8.95 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:117 Resp: 30511

Ion	Ratio	Lower	Upper
117	100		
201	95.3	77.6	116.4
199	57.1	47.6	71.4

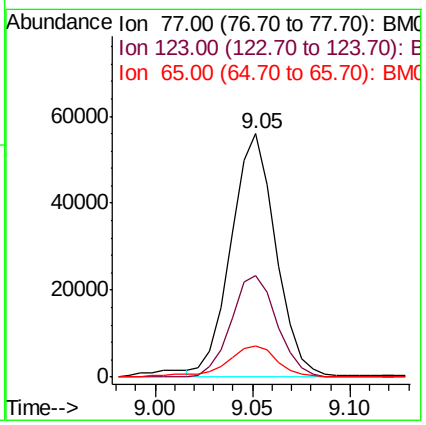


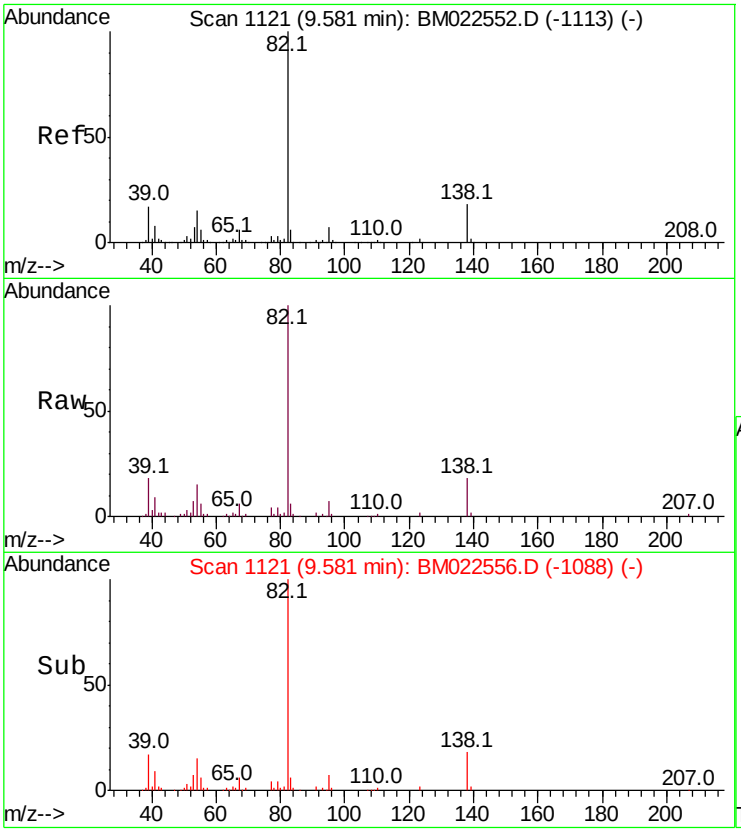


#20
Nitrobenzene
Concen: 4.260 ng/ul
RT: 9.05 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion: 77 Resp: 89024

Ion	Ratio	Lower	Upper
77	100		
123	41.7	35.8	53.6
65	13.0	10.5	15.7



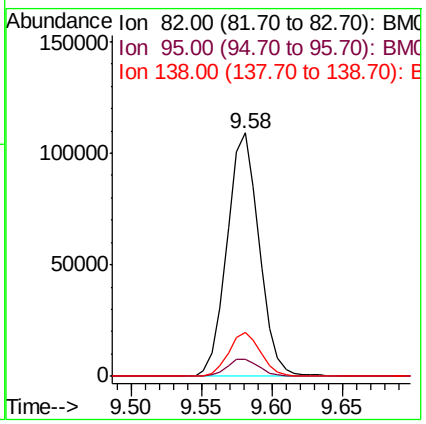


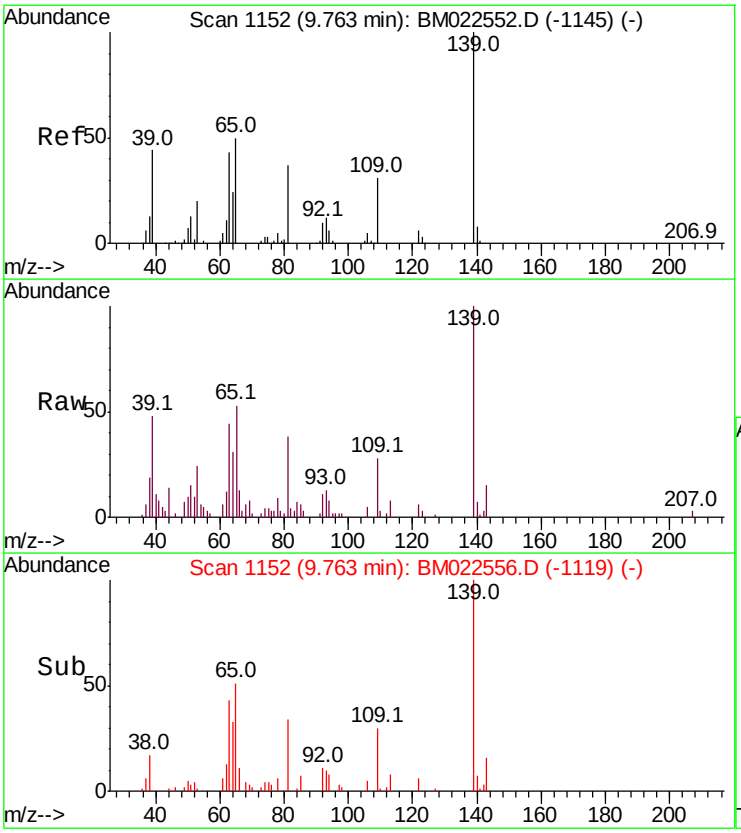
#21
Isophorone
Concen: 3.702 ng/ul
RT: 9.58 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion: 82 Resp: 173361

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	18.3	14.4	21.6

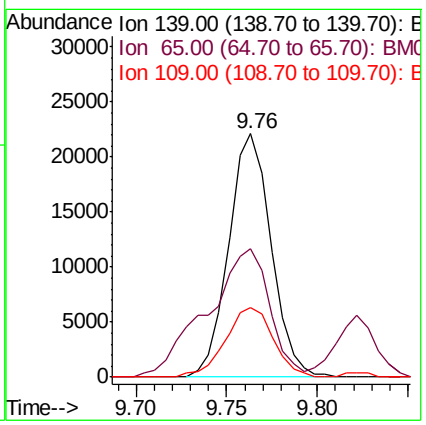


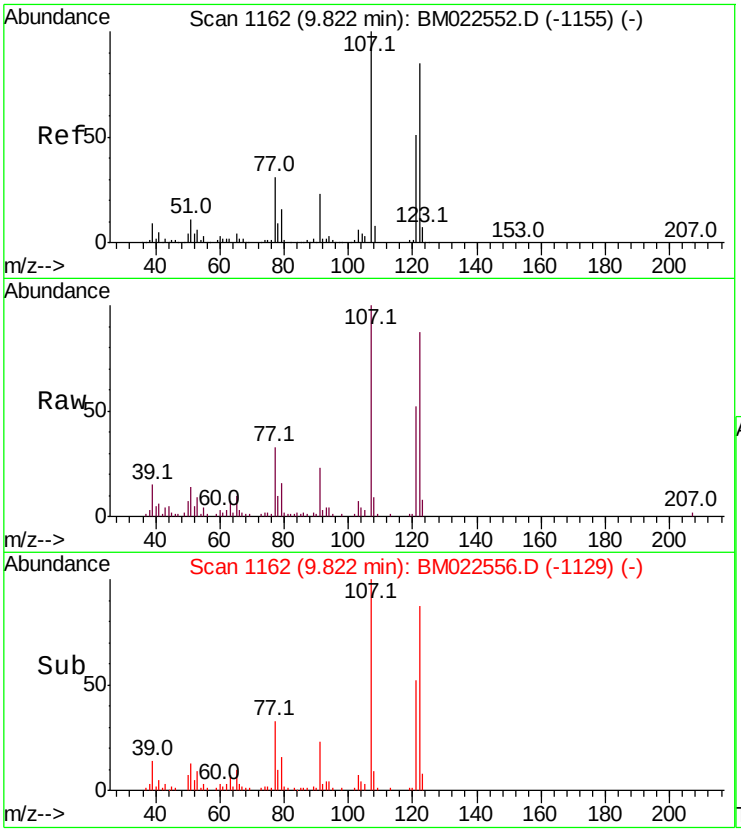


#23
2-Nitrophenol
Concen: 3.950 ng/ul
RT: 9.76 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:139 Resp: 36114

Ion	Ratio	Lower	Upper
139	100		
65	52.9	39.3	58.9
109	28.4	23.5	35.3



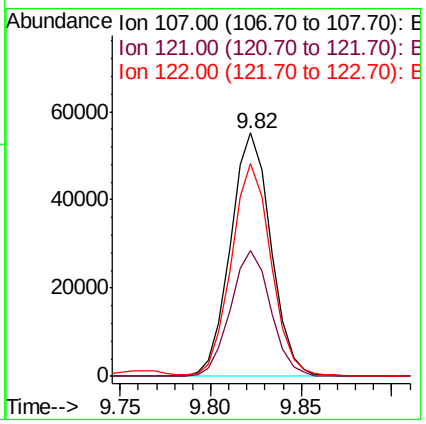


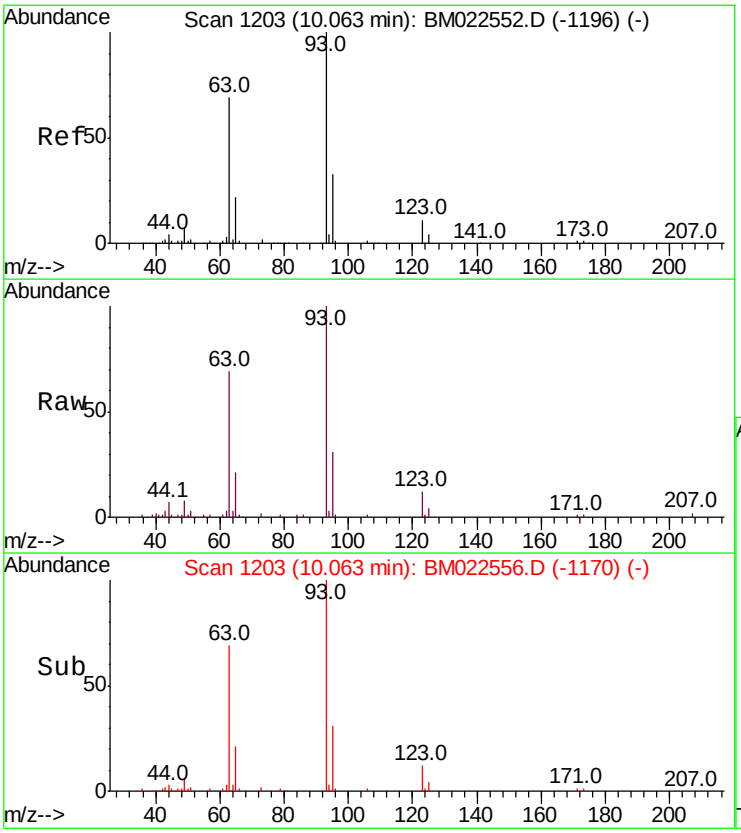
#24
2,4-Dimethylphenol
Concen: 3.734 ng/ul
RT: 9.82 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:107 Resp: 85581

Ion	Ratio	Lower	Upper
107	100		
121	51.6	40.2	60.4
122	87.3	70.2	105.2

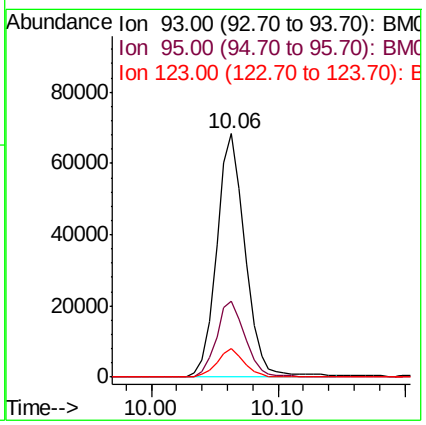


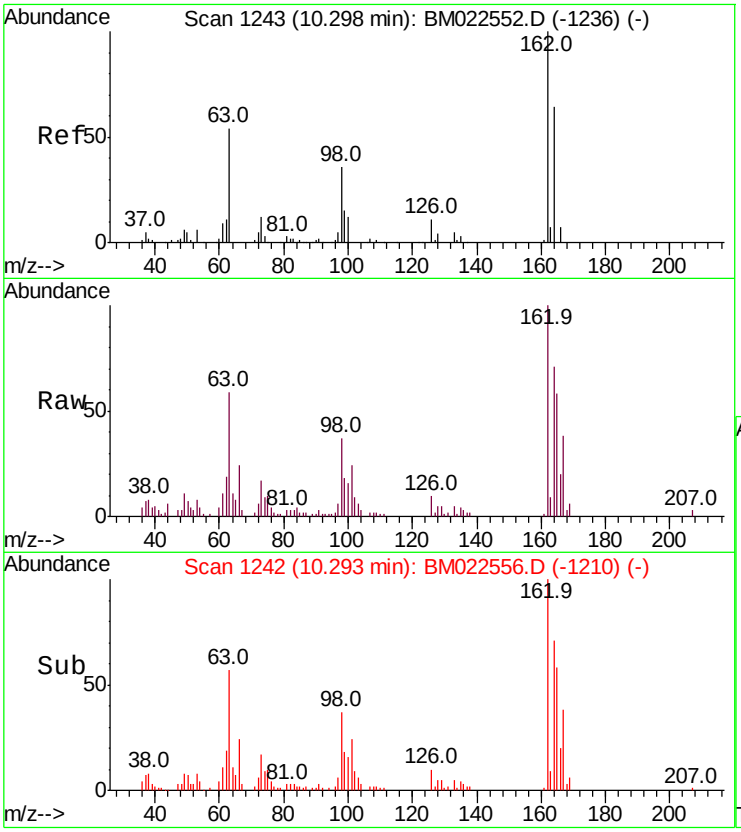


#25
Bis(2-Chloroethoxy)methane
Concen: 3.886 ng/ul
RT: 10.06 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion: 93 Resp: 106696

Ion	Ratio	Lower	Upper
93	100		
95	31.0	26.1	39.1
123	11.6	9.2	13.8



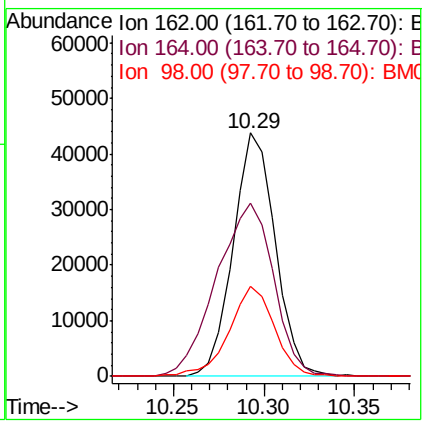


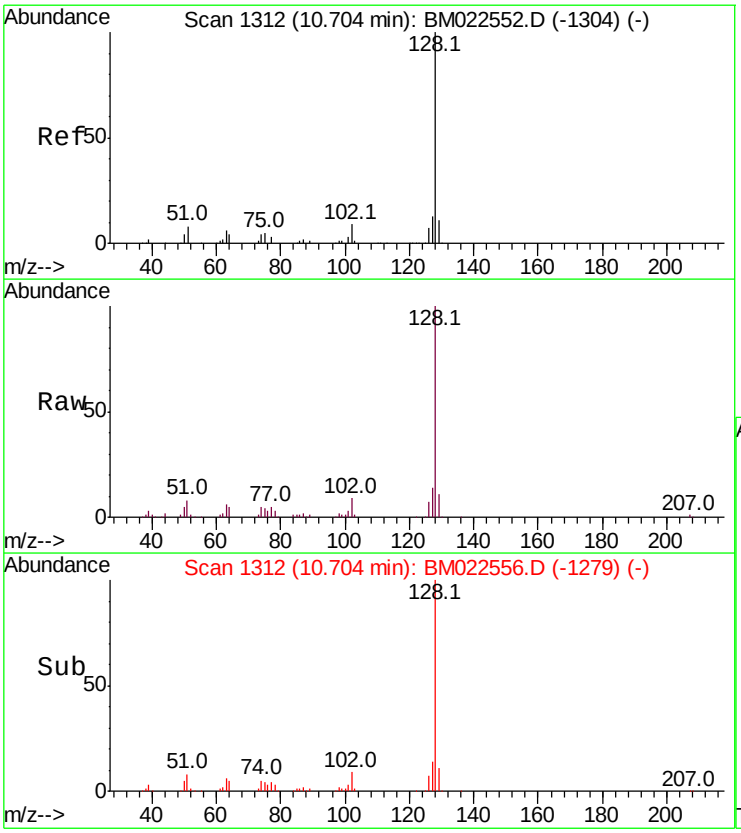
#27
2,4-Dichlorophenol
Concen: 3.660 ng/ul
RT: 10.29 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:162 Resp: 70671

Ion	Ratio	Lower	Upper
162	100		
164	71.0	52.1	78.1
98	37.2	28.9	43.3

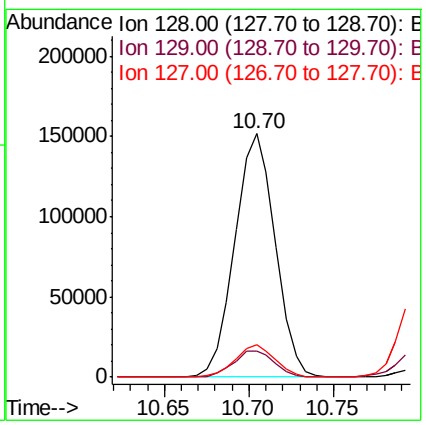


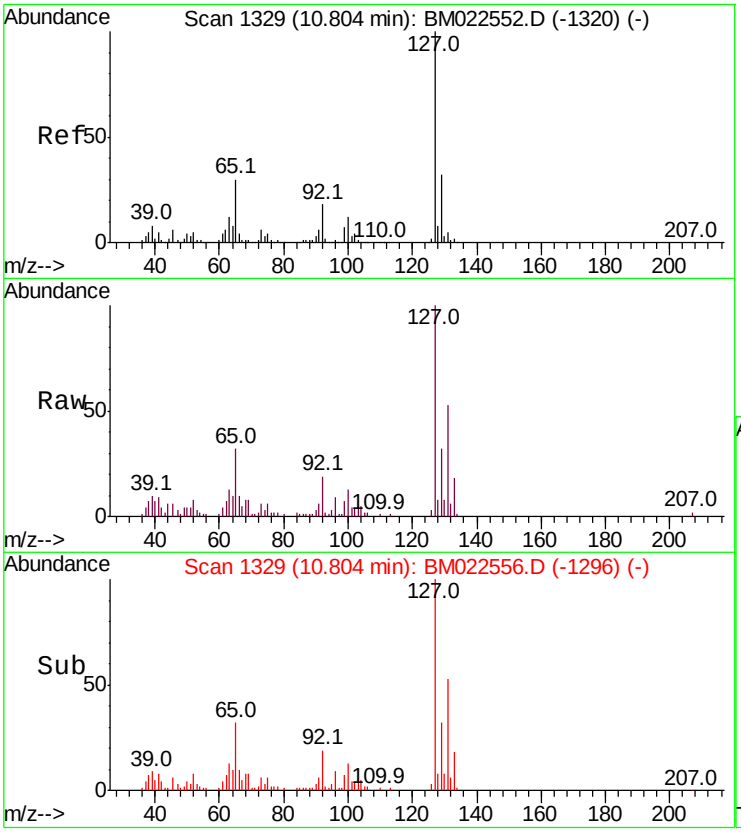


#28
Naphthalene
Concen: 3.922 ng/ul
RT: 10.70 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:128 Resp: 251789

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.9	13.3
127	13.5	10.6	16.0



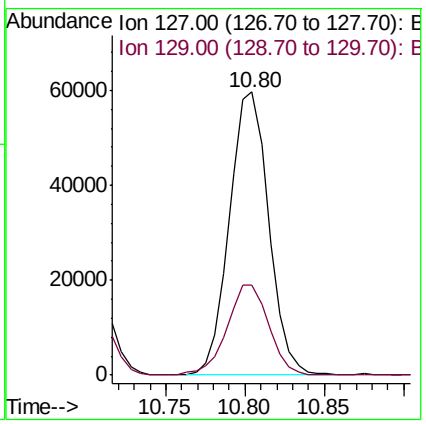


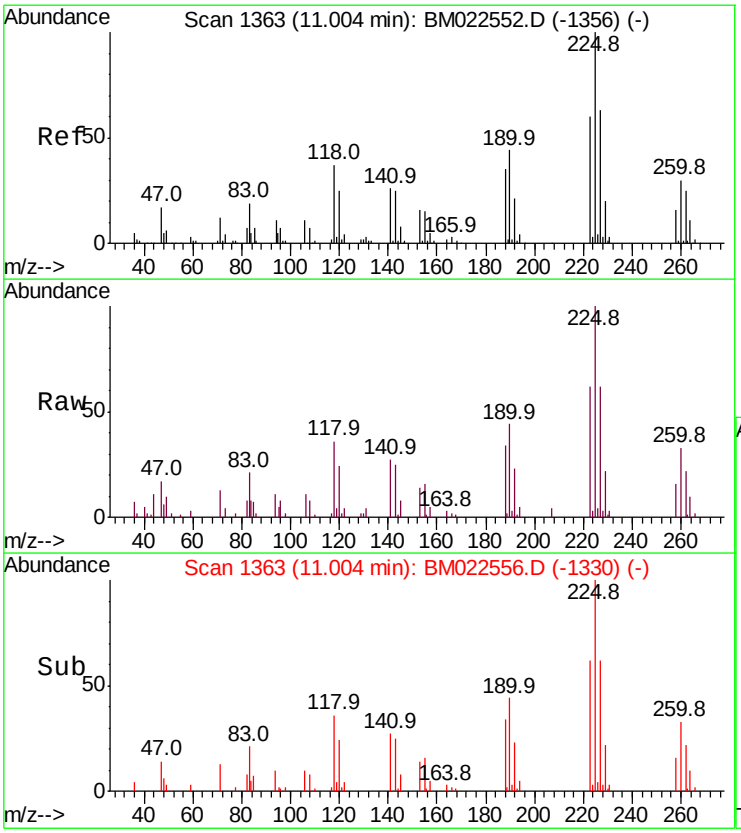
#30
4-Chloroaniline
Concen: 3.868 ng/ul
RT: 10.80 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:127 Resp: 102650

Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.2

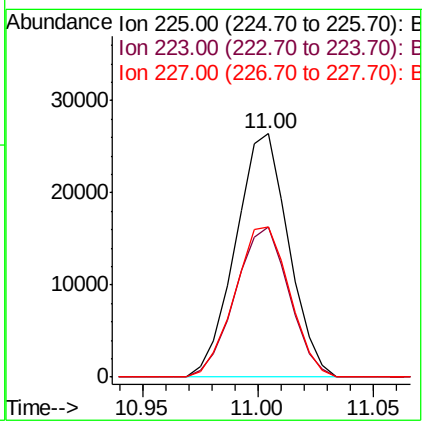


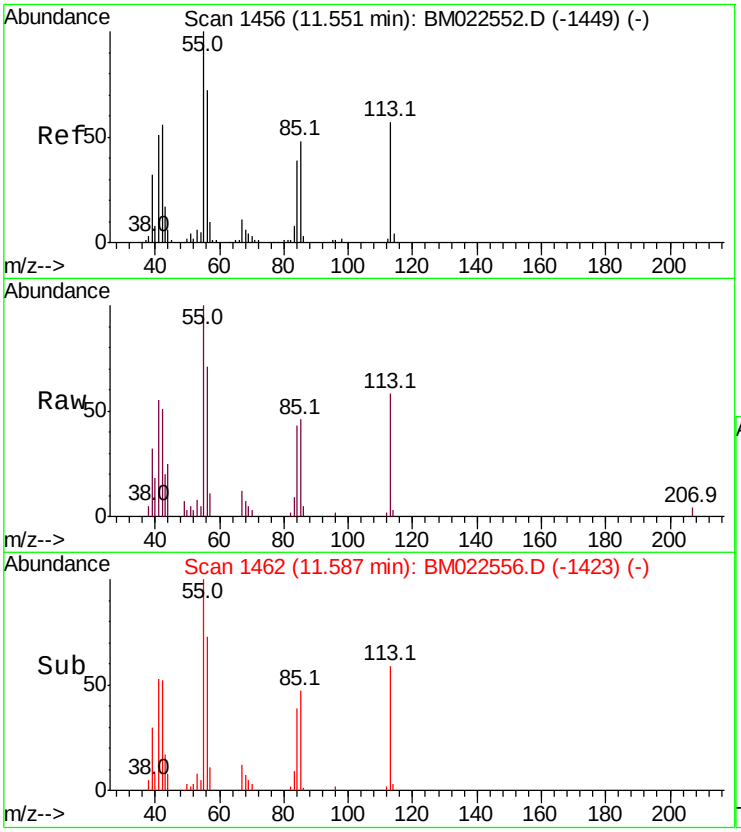


#31
Hexachlorobutadiene
Concen: 3.559 ng/ul
RT: 11.00 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:225 Resp: 42333

Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.1	75.1
227	61.5	51.8	77.8



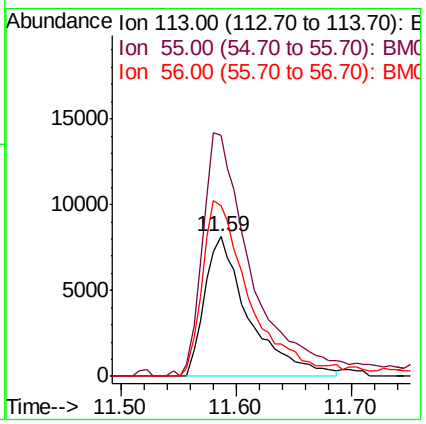


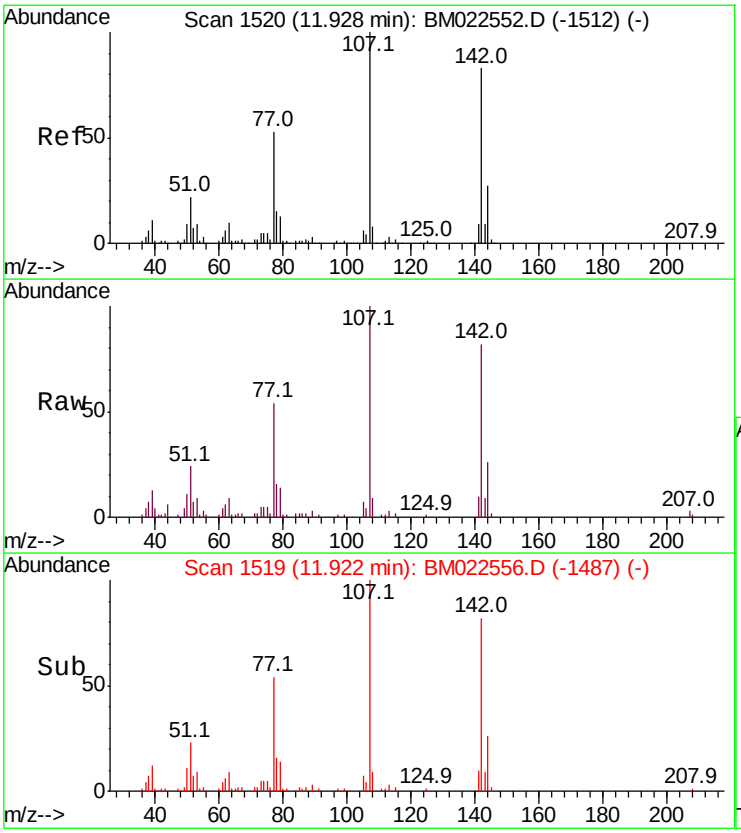
#32
Caprolactam
Concen: 3.026 ng/ul
RT: 11.59 min Scan# 1462
Delta R.T. 0.03 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:113 Resp: 21747

Ion	Ratio	Lower	Upper
113	100		
55	172.9	135.6	203.4
56	122.7	98.4	147.6

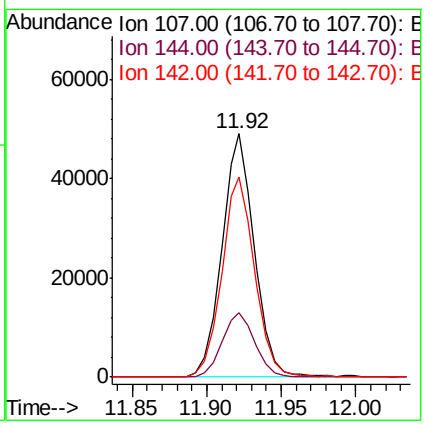


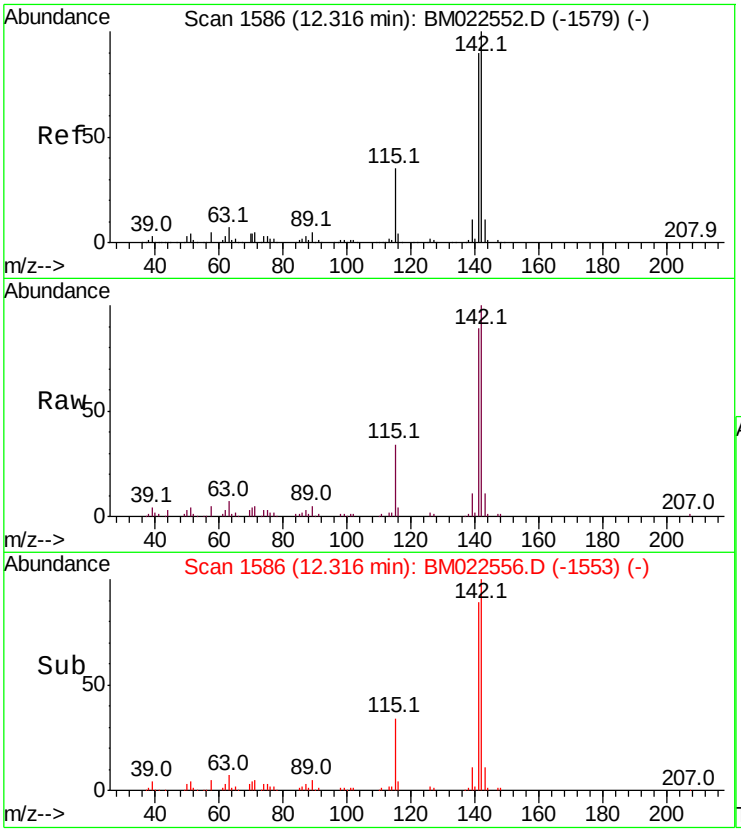


#33
4-Chloro-3-methylphenol
Concen: 3.489 ng/ul
RT: 11.92 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:107 Resp: 74343

Ion	Ratio	Lower	Upper
107	100		
144	26.4	22.6	34.0
142	82.2	67.0	100.4



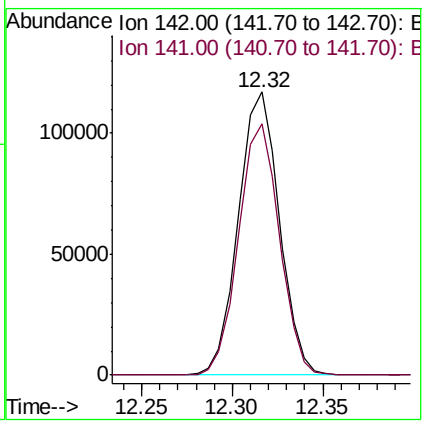


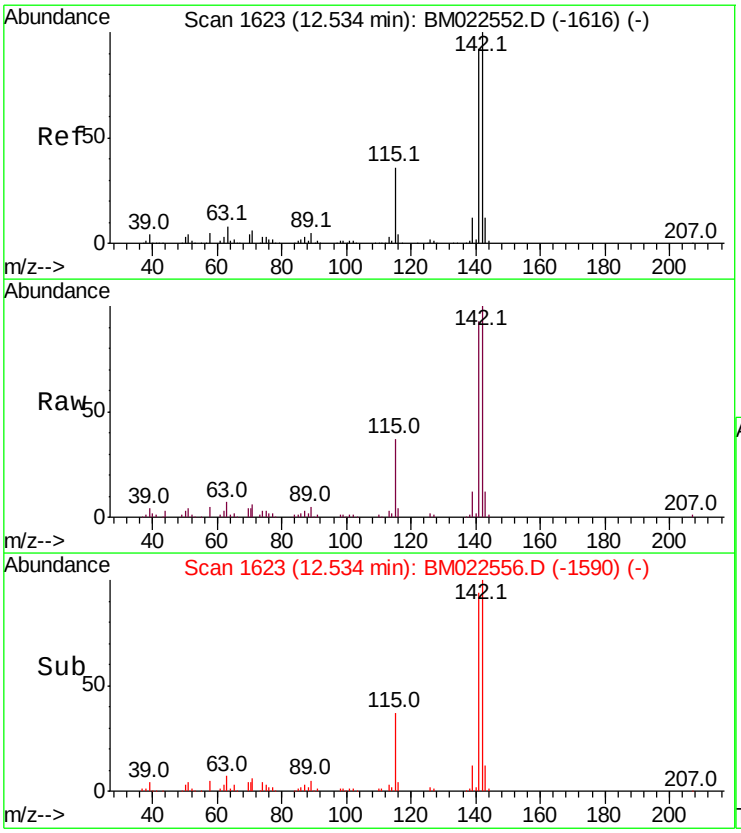
#34
2-Methylnaphthalene
Concen: 3.814 ng/ul
RT: 12.32 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:142 Resp: 184465

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.4

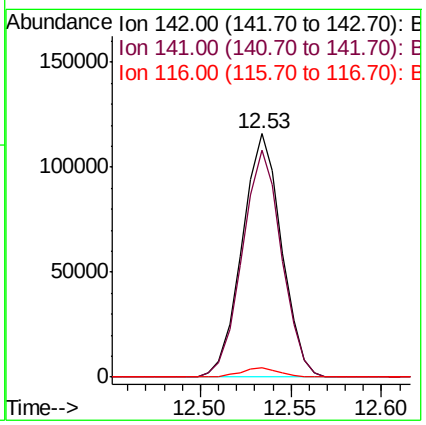


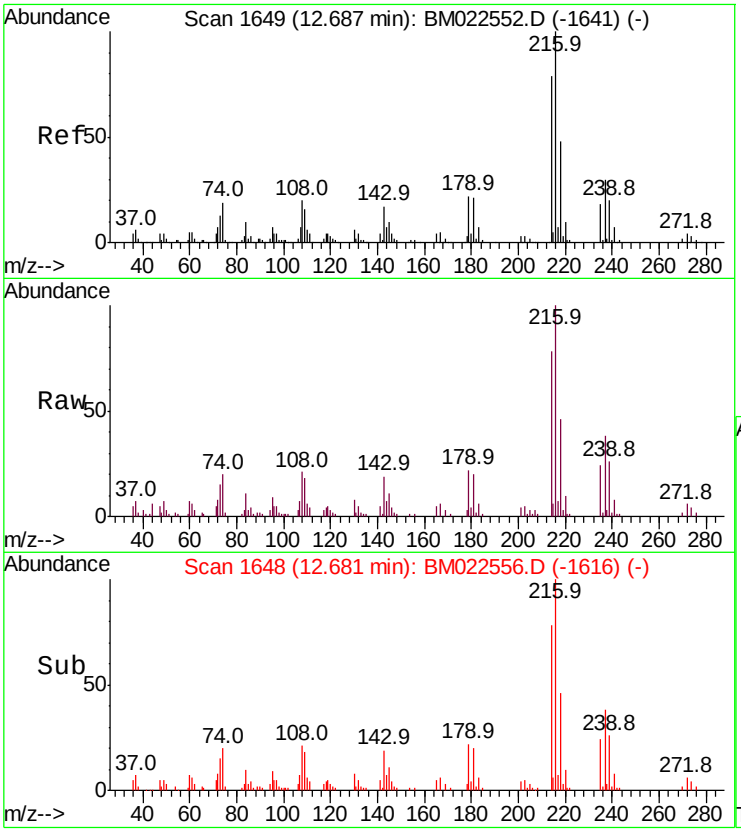


#35
1-Methylnaphthalene
Concen: 3.795 ng/ul
RT: 12.53 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:142 Resp: 175334

Ion	Ratio	Lower	Upper
142	100		
141	93.0	72.6	108.8
116	3.7	3.0	4.4



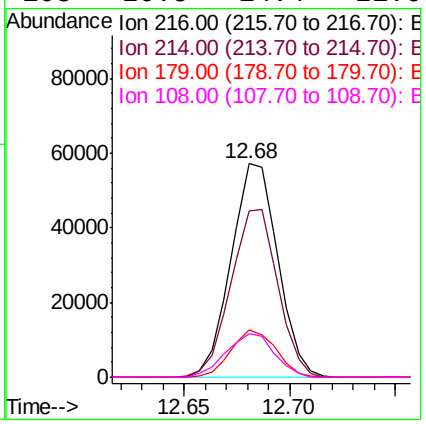


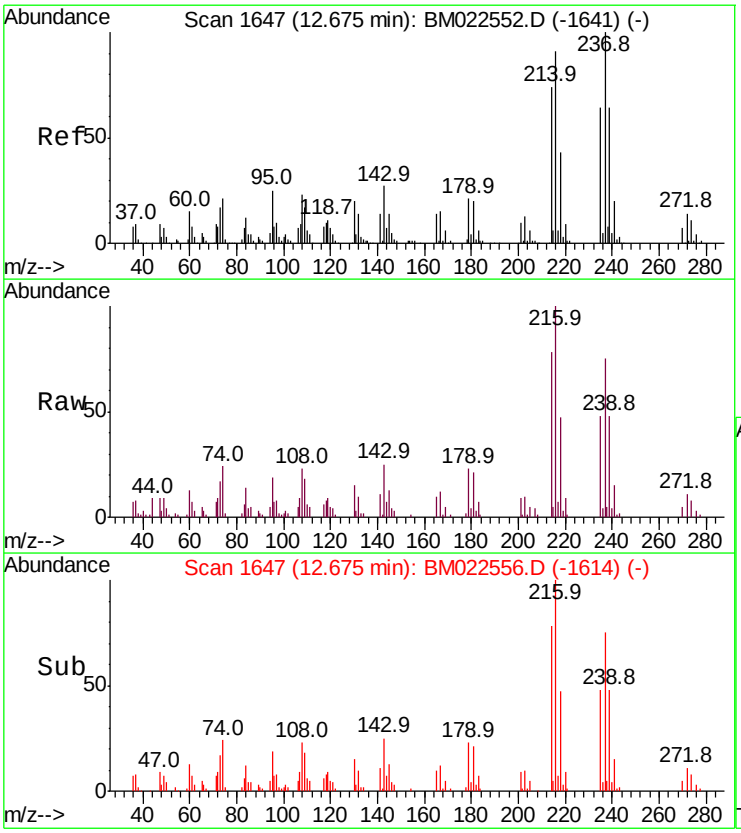
#37
1,2,4,5-Tetrachlorobenzene
Concen: 3.681 ng/ul
RT: 12.68 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:216 Resp: 87793

Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.4	95.0
179	22.1	16.7	25.1
108	20.5	14.4	21.6

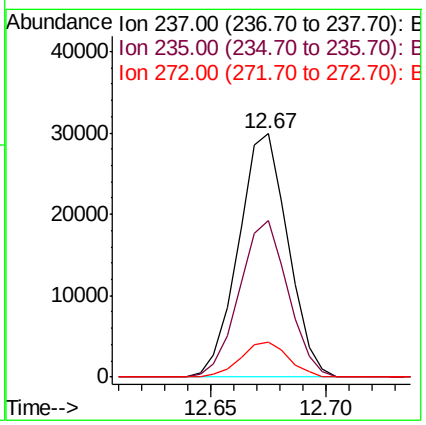


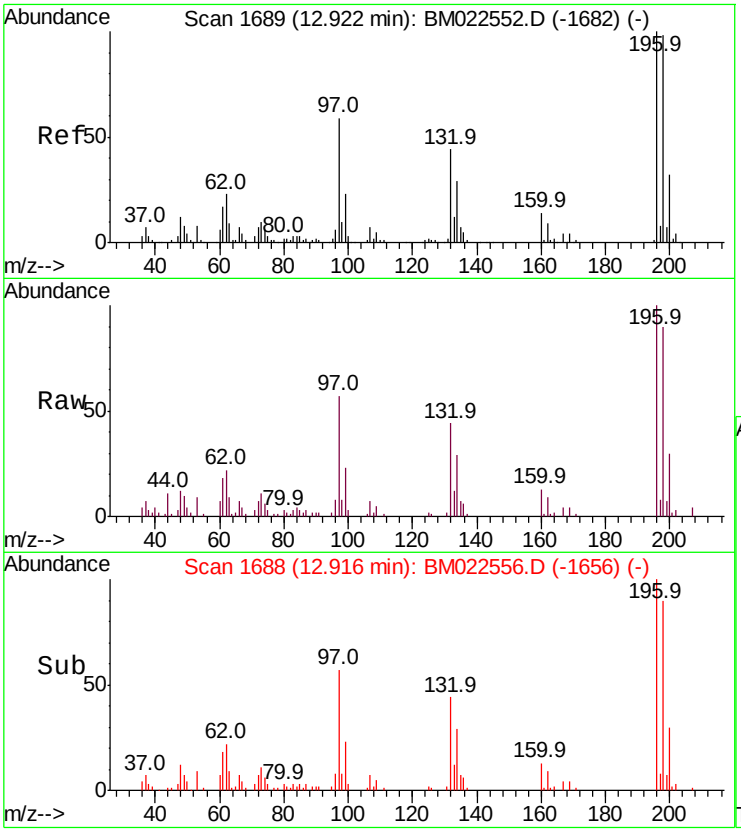


#38
Hexachlorocyclopentadiene
Concen: 3.037 ng/ul
RT: 12.67 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:237 Resp: 44662

Ion	Ratio	Lower	Upper
237	100		
235	64.1	50.1	75.1
272	14.2	10.2	15.4



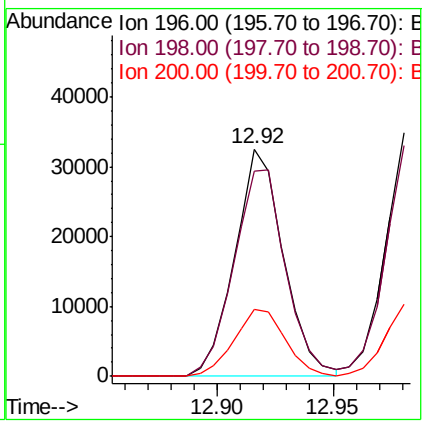


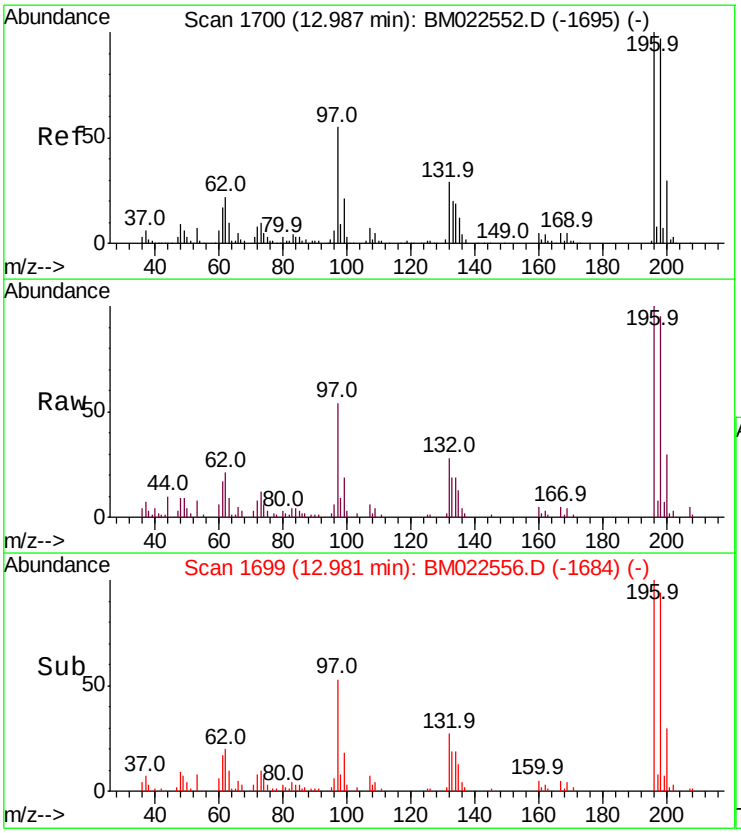
#39
2,4,6-Trichlorophenol
Concen: 3.211 ng/ul
RT: 12.92 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:196 Resp: 47949

Ion	Ratio	Lower	Upper
196	100		
198	90.1	77.7	116.5
200	29.6	24.6	37.0

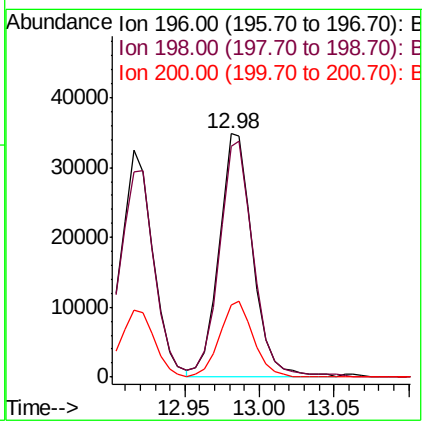


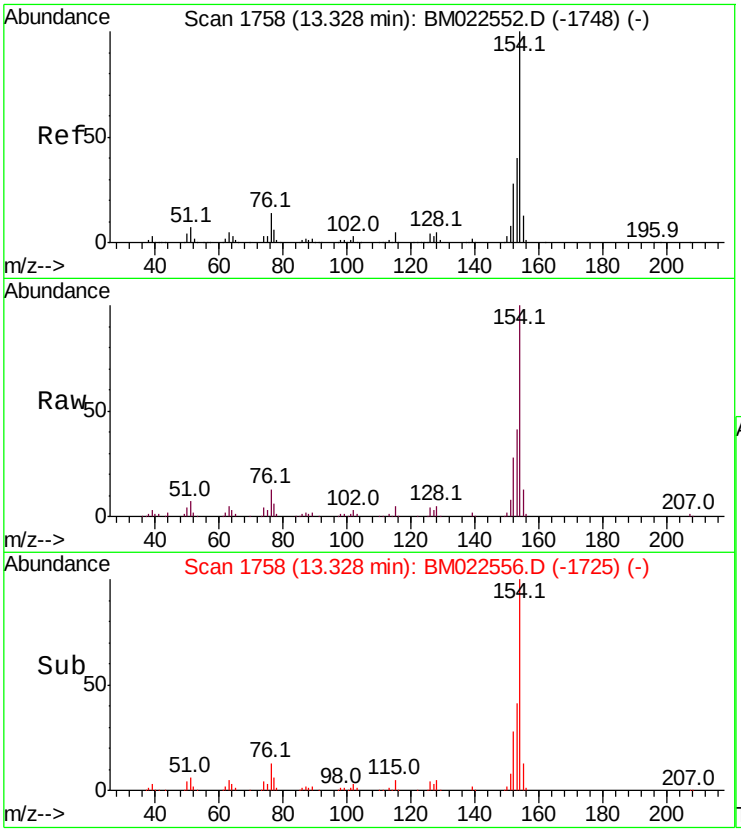


#40
2,4,5-Trichlorophenol
Concen: 3.419 ng/ul
RT: 12.98 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:196 Resp: 55357

Ion	Ratio	Lower	Upper
196	100		
198	95.0	77.4	116.0
200	29.8	24.0	36.0



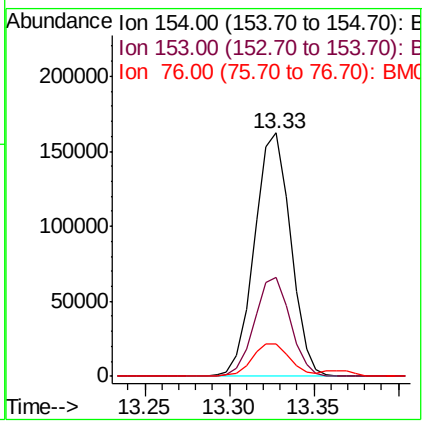


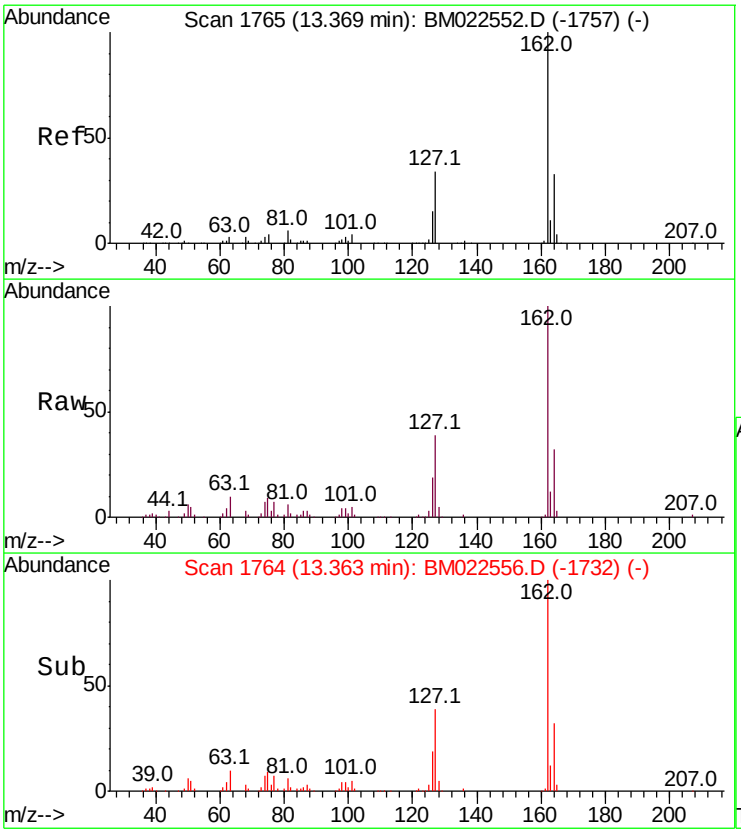
#41
1,1'-Biphenyl
Concen: 3.910 ng/ul
RT: 13.33 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:154 Resp: 240710

Ion	Ratio	Lower	Upper
154	100		
153	40.7	32.1	48.1
76	13.3	10.2	15.2

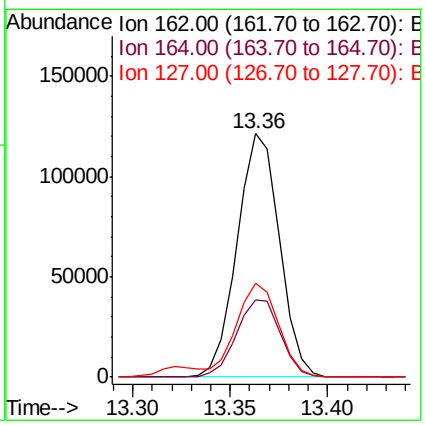


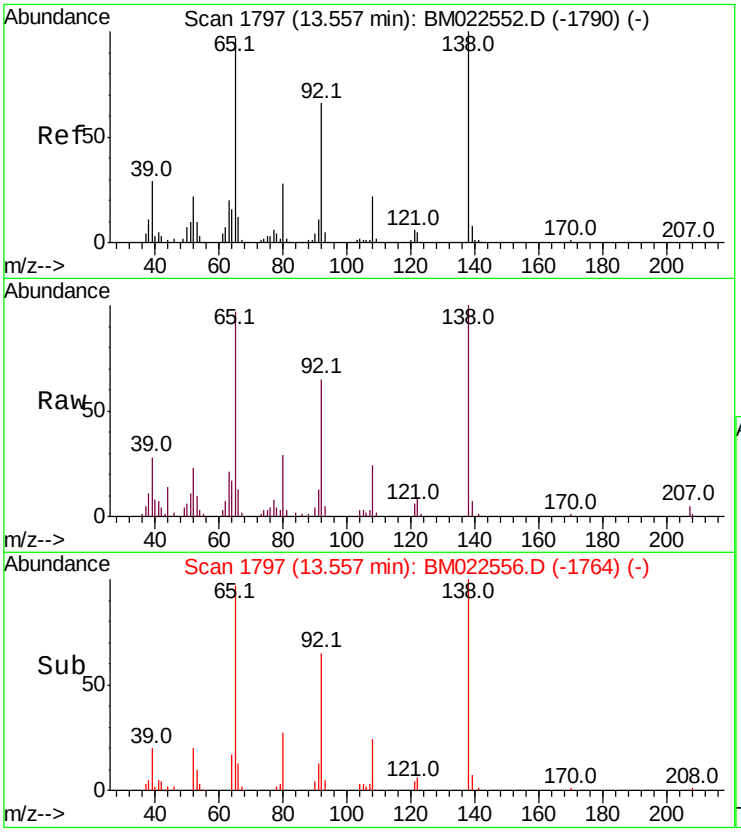


#42
2-Chloronaphthalene
Concen: 3.922 ng/ul
RT: 13.36 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:162 Resp: 182774

Ion	Ratio	Lower	Upper
162	100		
164	31.9	26.1	39.1
127	38.7	30.1	45.1



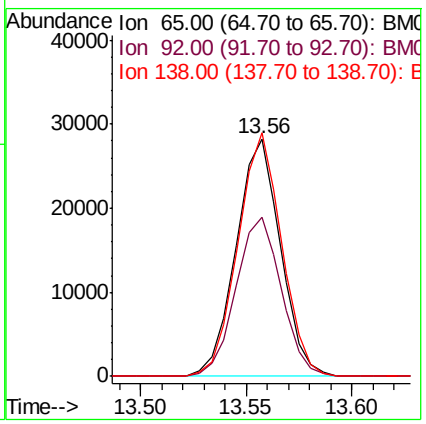


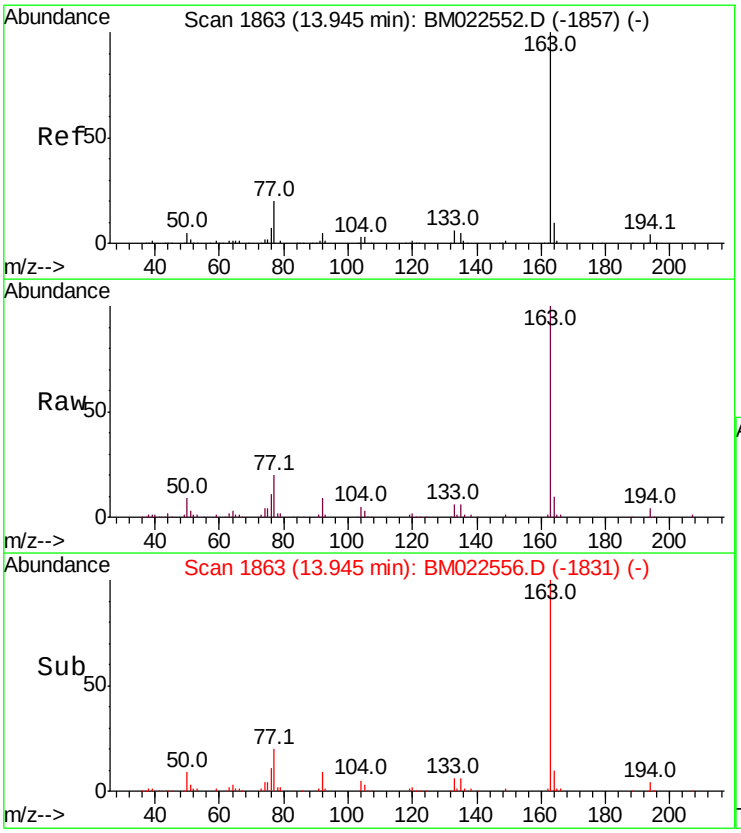
#43
2-Nitroaniline
Concen: 3.779 ng/ul
RT: 13.56 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion: 65 Resp: 41126

Ion	Ratio	Lower	Upper
65	100		
92	67.0	55.7	83.5
138	102.6	86.0	129.0

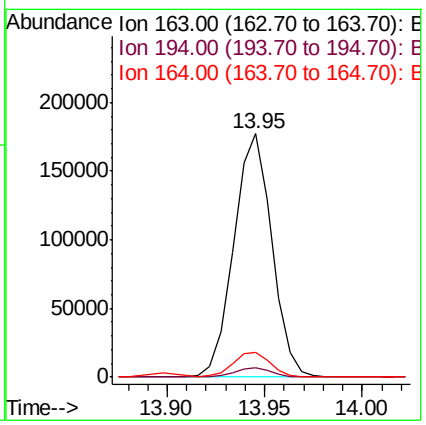


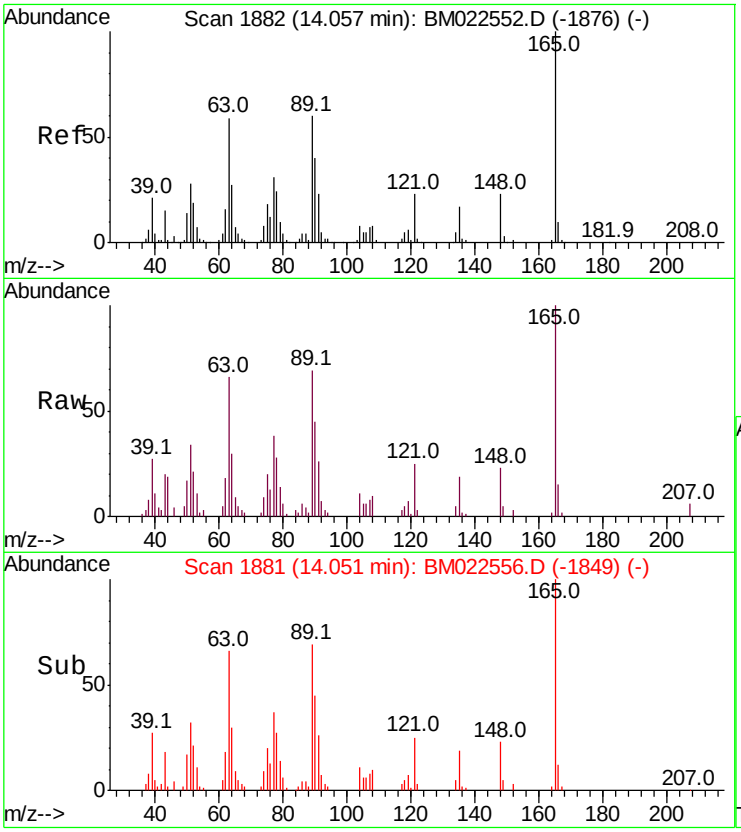


#45
Dimethylphthalate
Concen: 3.932 ng/ul
RT: 13.95 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:163 Resp: 239070

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.2	7.8	11.8



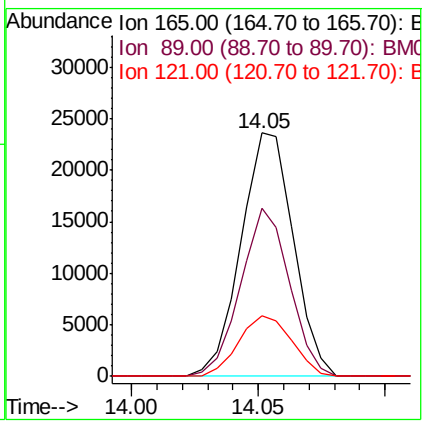


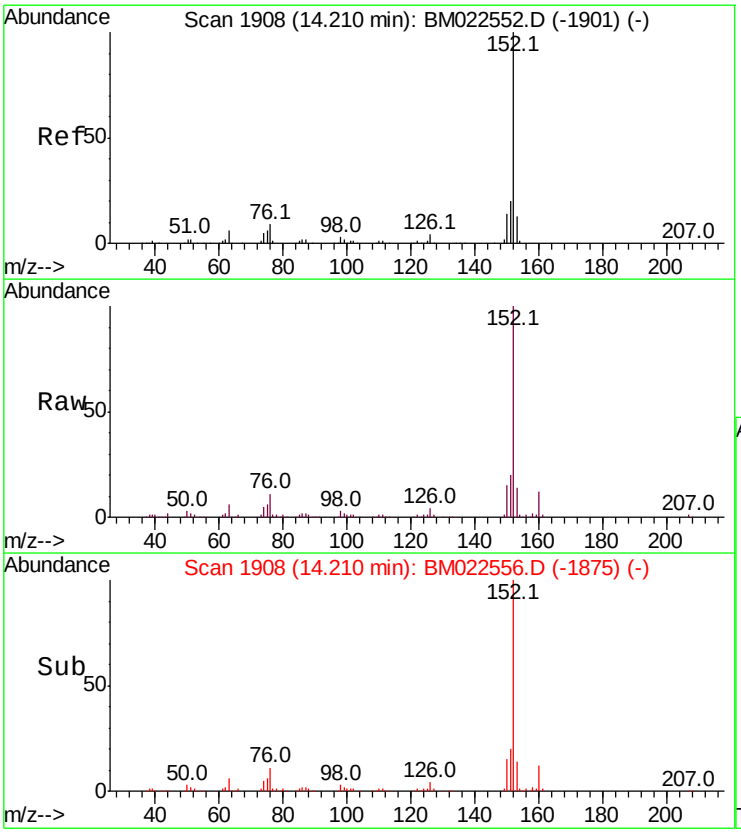
#46
2,6-Dinitrotoluene
Concen: 3.421 ng/ul
RT: 14.05 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:165 Resp: 33865

Ion	Ratio	Lower	Upper
165	100		
89	68.8	47.7	71.5
121	24.9	18.4	27.6

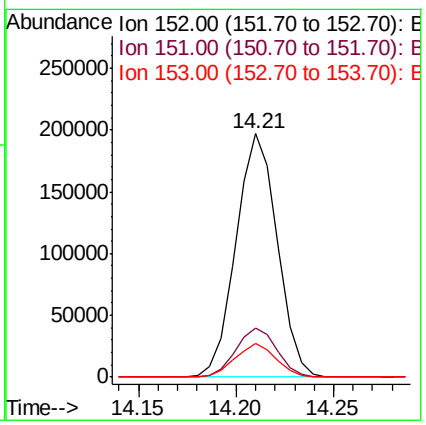


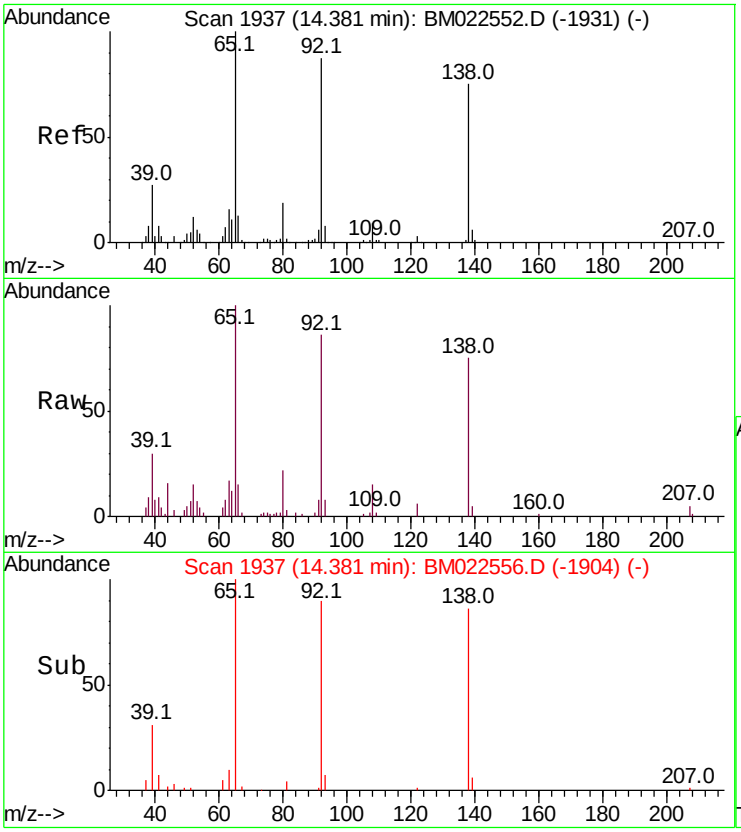


#48
Acenaphthylene
Concen: 3.880 ng/ul
RT: 14.21 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:152 Resp: 288654

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.6	10.4	15.6



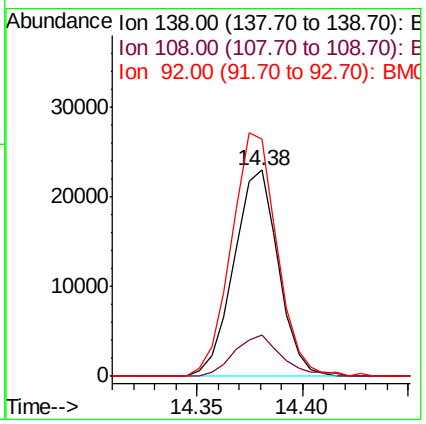


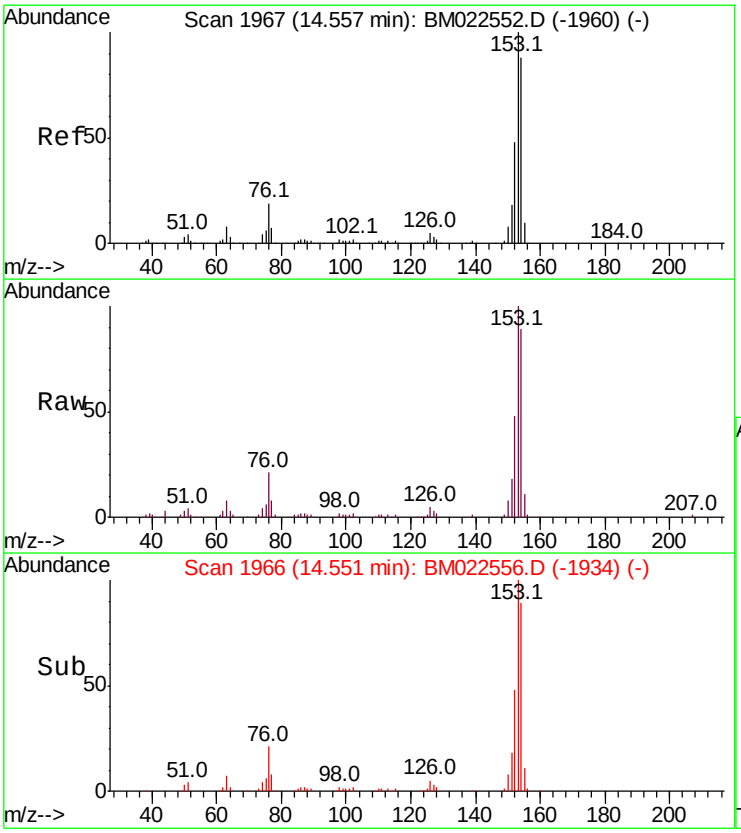
#49
3-Nitroaniline
Concen: 3.124 ng/ul
RT: 14.38 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:138 Resp: 33539

Ion	Ratio	Lower	Upper
138	100		
108	19.8	13.5	20.3
92	114.9	93.7	140.5

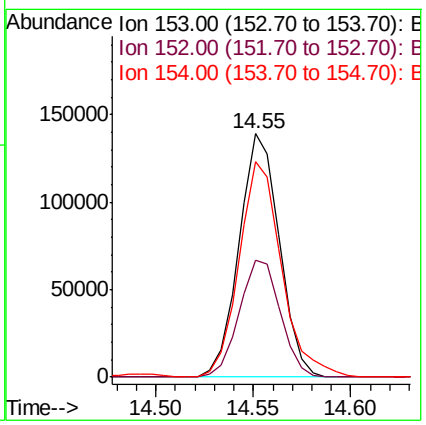


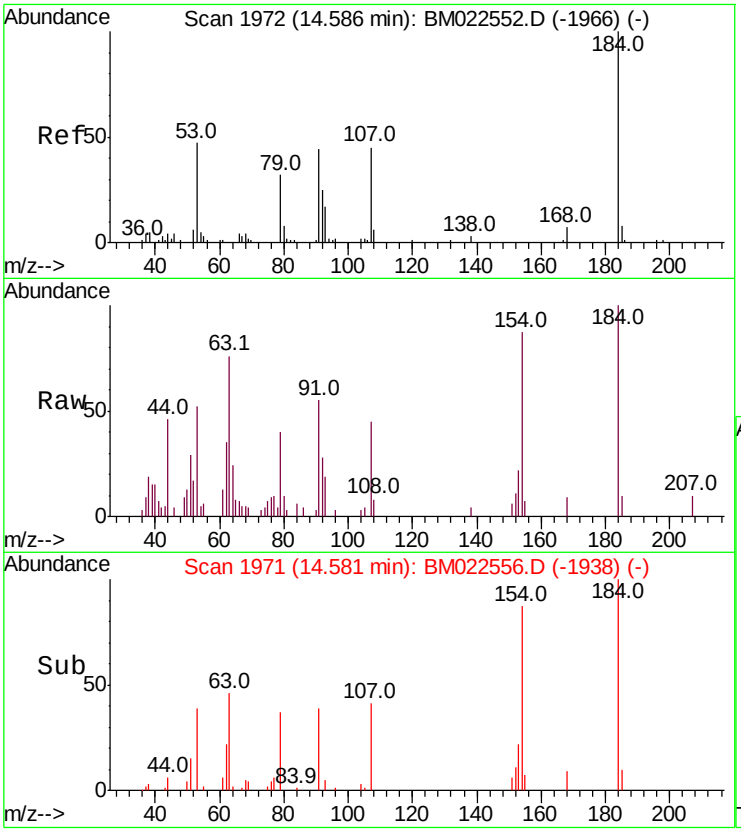


#50
Acenaphthene
Concen: 3.857 ng/ul
RT: 14.55 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:153 Resp: 198840

Ion	Ratio	Lower	Upper
153	100		
152	48.3	37.5	56.3
154	88.6	71.4	107.0



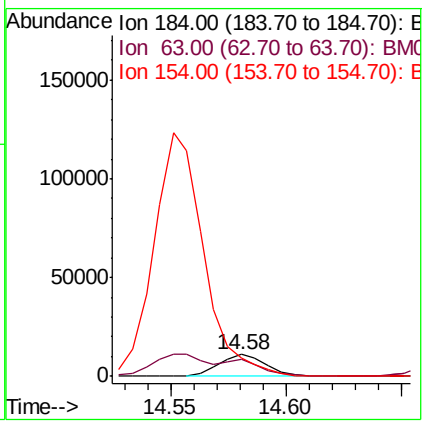


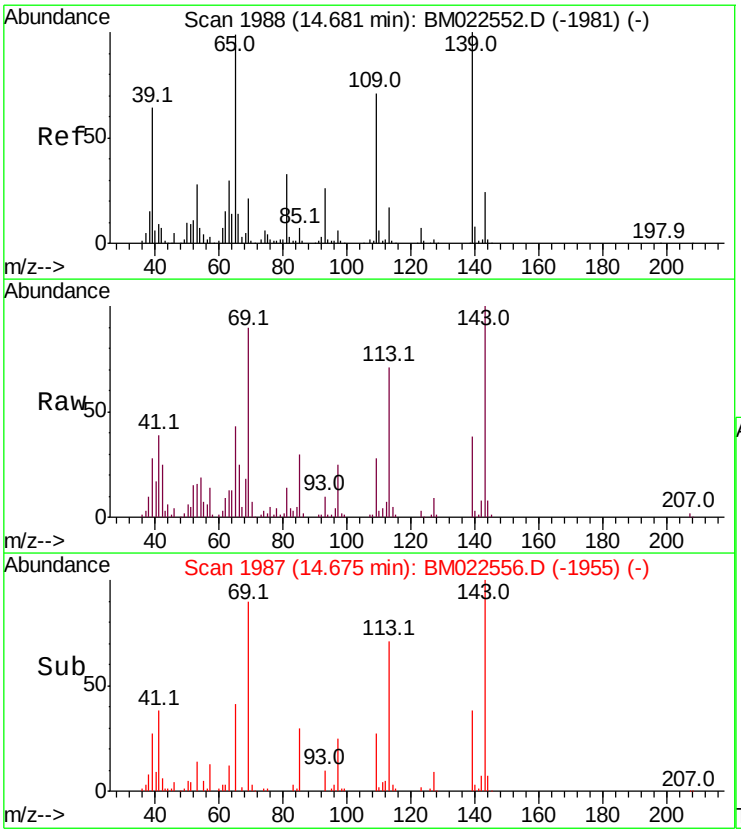
#51
2,4-Dinitrophenol
Concen: 3.462 ng/ul
RT: 14.58 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:184 Resp: 15724

Ion	Ratio	Lower	Upper
184	100		
63	76.3	51.5	77.3
154	86.5	81.9	122.9

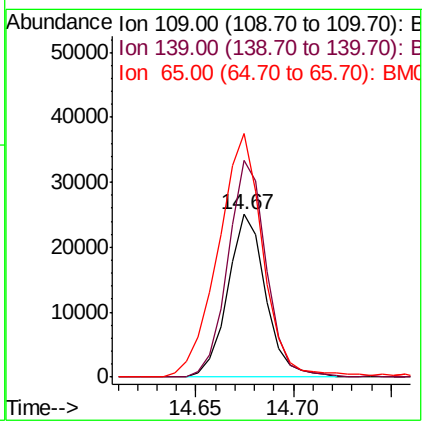


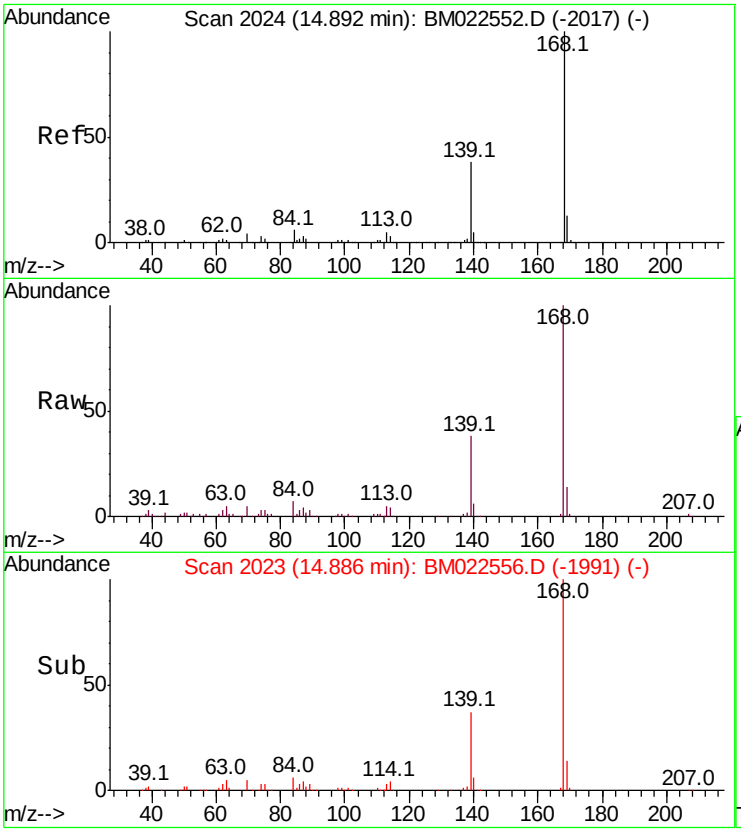


#53
4-Nitrophenol
Concen: 4.103 ng/ul
RT: 14.67 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:109 Resp: 33736

Ion	Ratio	Lower	Upper
109	100		
139	133.8	107.6	161.4
65	150.0	101.9	152.9



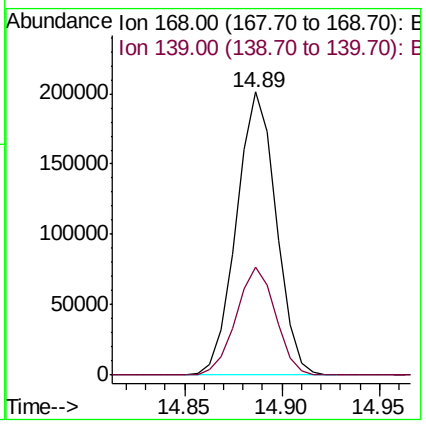


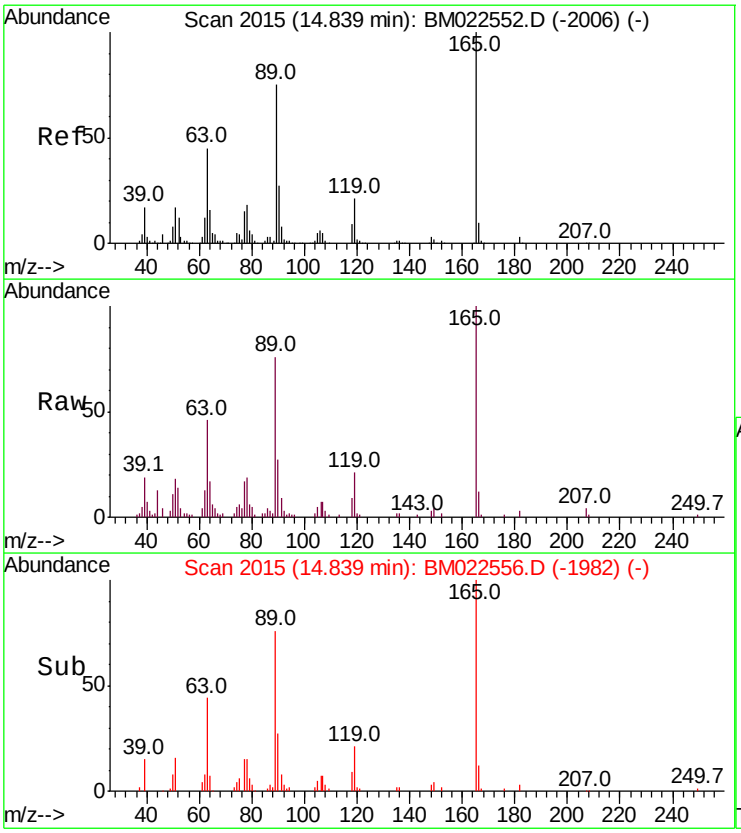
#54
Dibenzofuran
Concen: 3.967 ng/ul
RT: 14.89 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:168 Resp: 283804

Ion	Ratio	Lower	Upper
168	100		
139	38.1	29.5	44.3

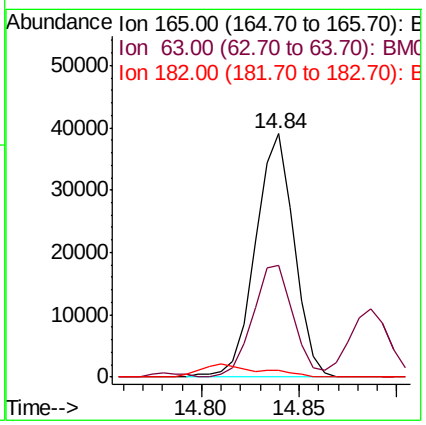


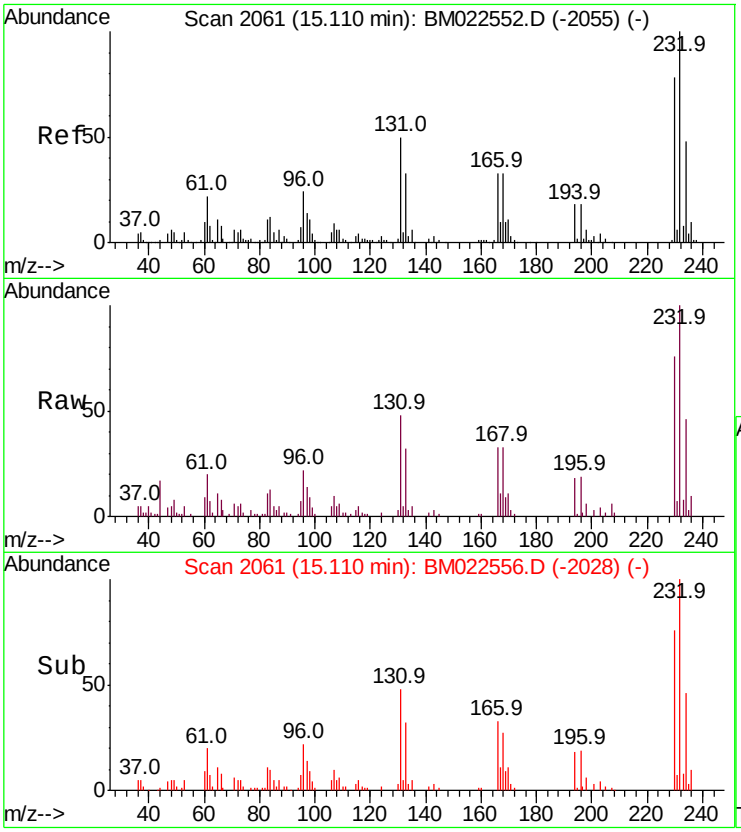


#55
2,4-Dinitrotoluene
Concen: 3.678 ng/ul
RT: 14.84 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:165 Resp: 53335

Ion	Ratio	Lower	Upper
165	100		
63	45.7	35.7	53.5
182	2.7	2.2	3.2



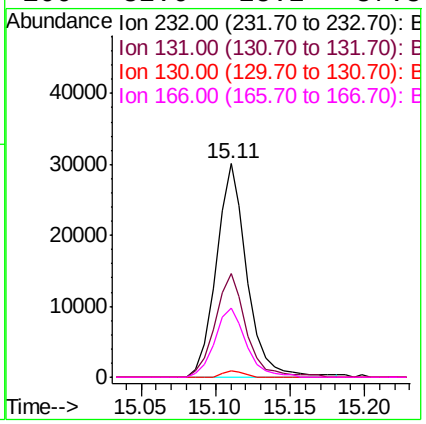


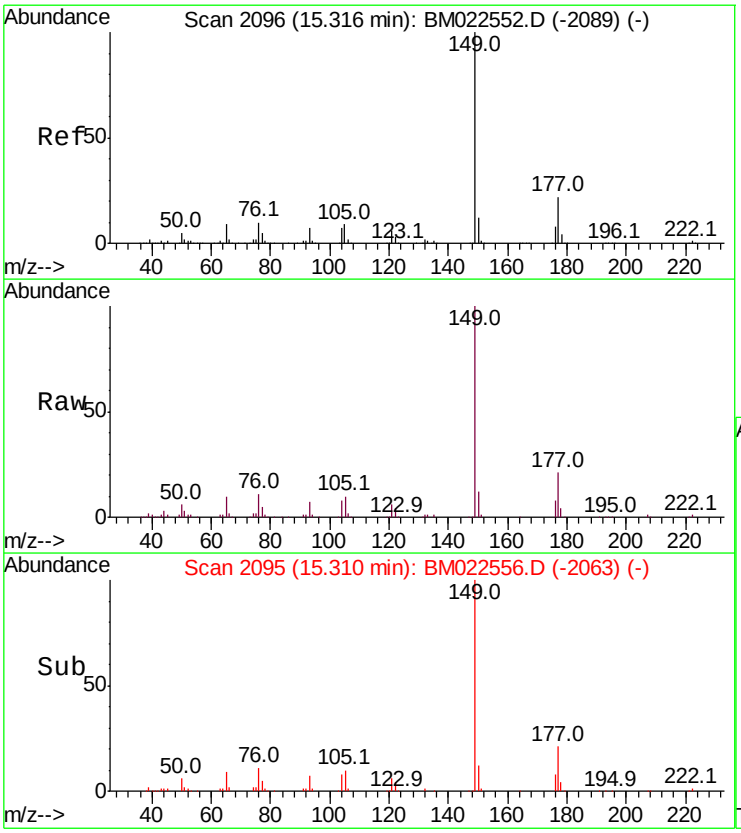
#56
2,3,4,6-Tetrachlorophenol
Concen: 3.229 ng/ul
RT: 15.11 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:232 Resp: 43432

Ion	Ratio	Lower	Upper
232	100		
131	48.3	36.9	55.3
130	2.9	2.0	3.0
166	32.6	25.2	37.8

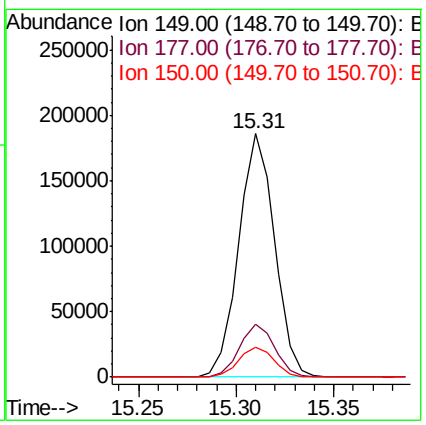


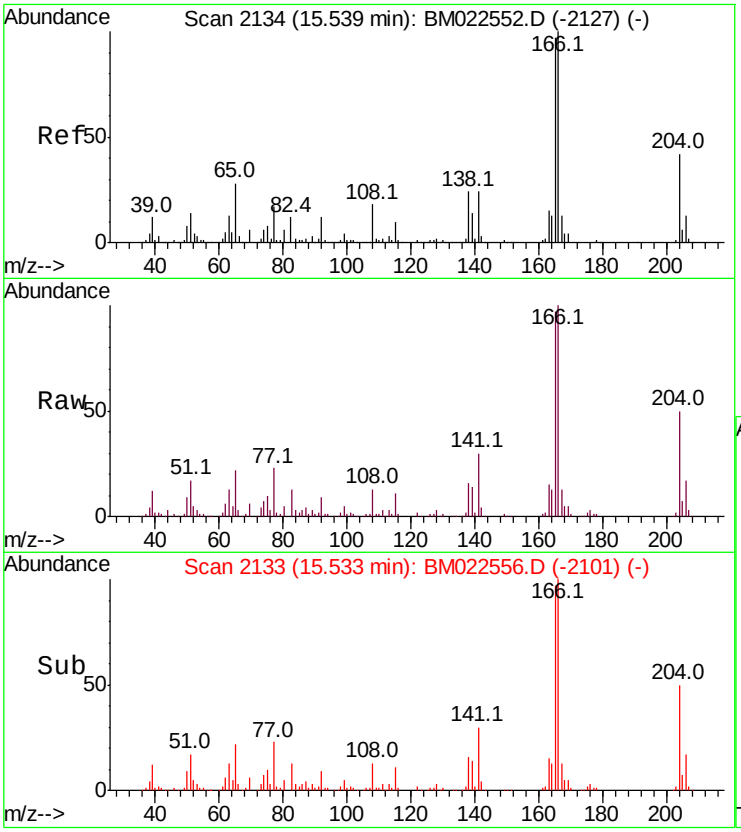


#57
Diethylphthalate
Concen: 3.756 ng/ul
RT: 15.31 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:149 Resp: 236326

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.3	25.9
150	12.3	10.2	15.2



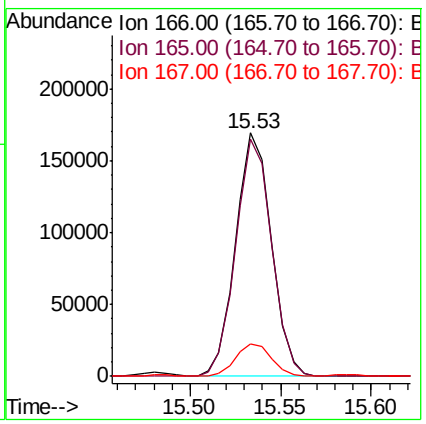


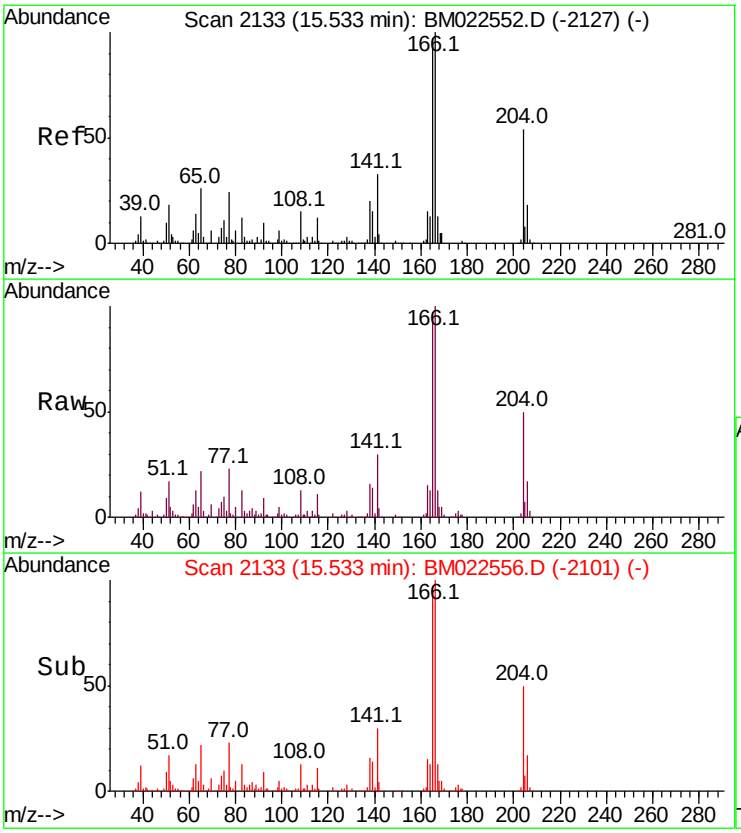
#59
Fluorene
Concen: 3.963 ng/ul
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:166 Resp: 233275

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.8	116.8
167	13.4	10.9	16.3

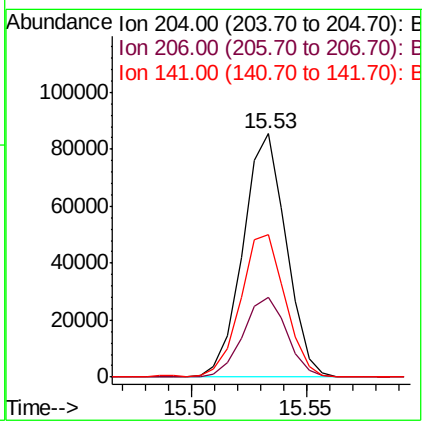


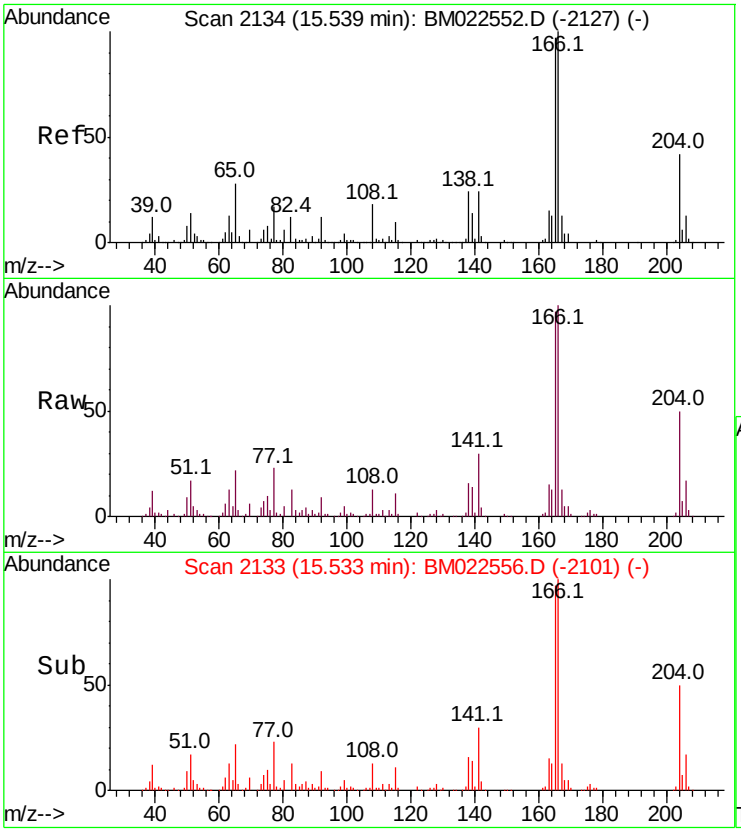


#60
4-Chlorophenyl-phenylether
Concen: 3.827 ng/ul
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:204 Resp: 111490

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.0	39.0
141	58.6	45.4	68.2



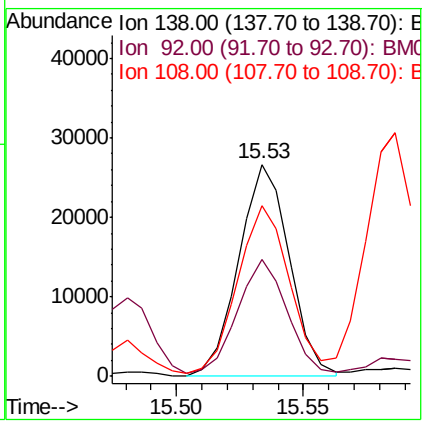


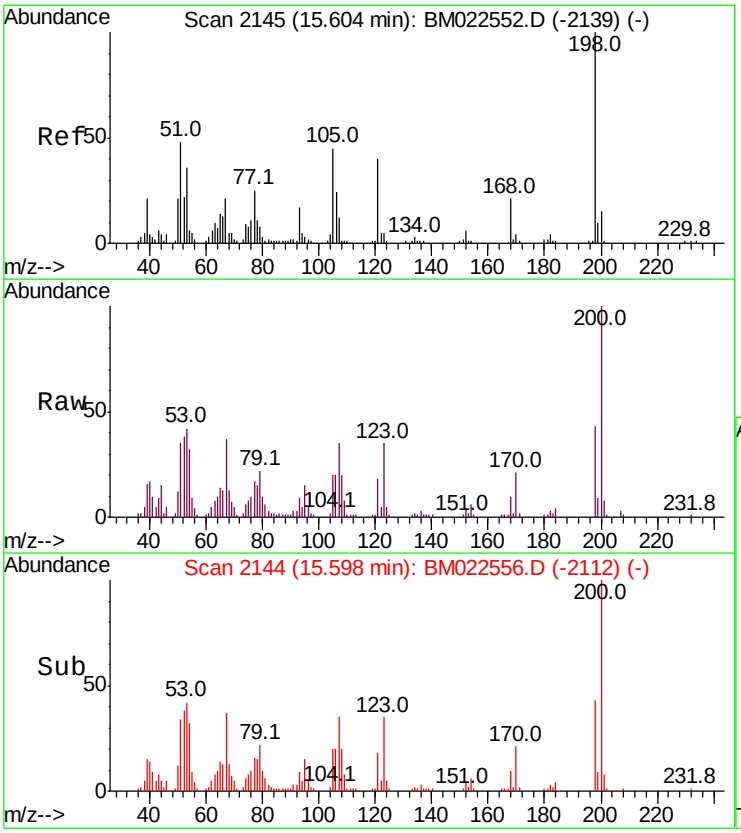
#61
4-Nitroaniline
Concen: 3.043 ng/ul
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:138 Resp: 37221

Ion	Ratio	Lower	Upper
138	100		
92	55.3	40.3	60.5
108	80.4	62.2	93.2

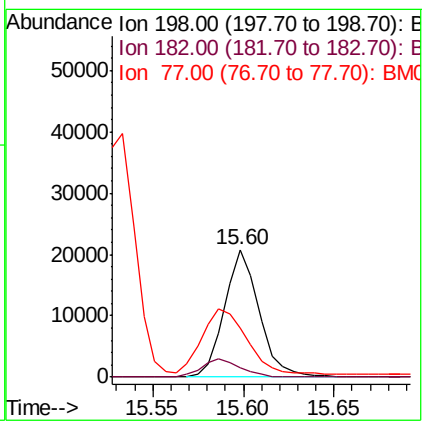


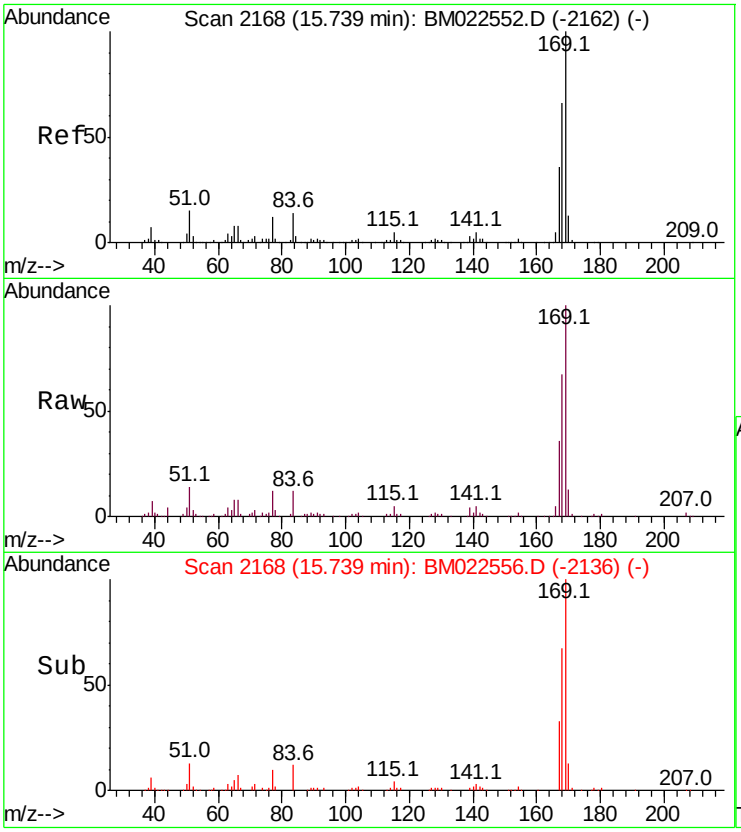


#64
4,6-Dinitro-2-methylphenol
Concen: 3.455 ng/ul
RT: 15.60 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:198 Resp: 27764

Ion	Ratio	Lower	Upper
198	100		
182	7.3	3.4	5.0#
77	38.9	19.7	29.5#



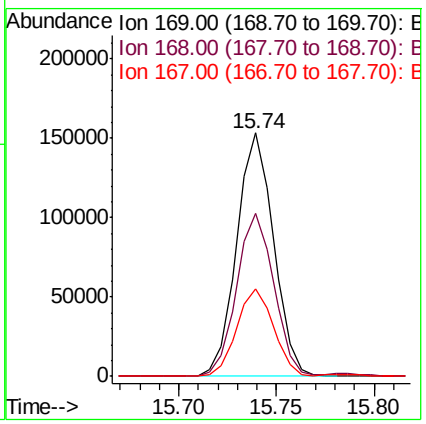


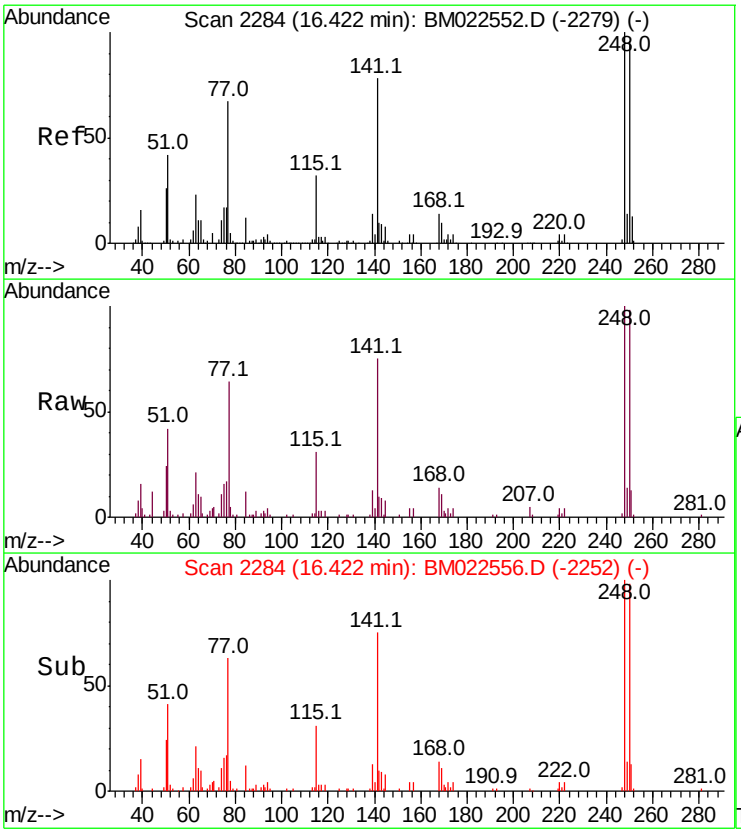
#65
N-Nitrosodiphenylamine
Concen: 3.857 ng/ul
RT: 15.74 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:169 Resp: 201080

Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.5	80.3
167	36.1	29.5	44.3

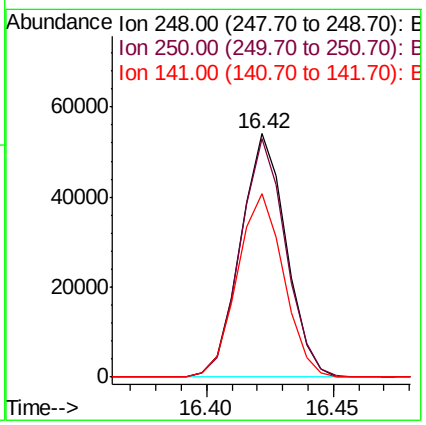


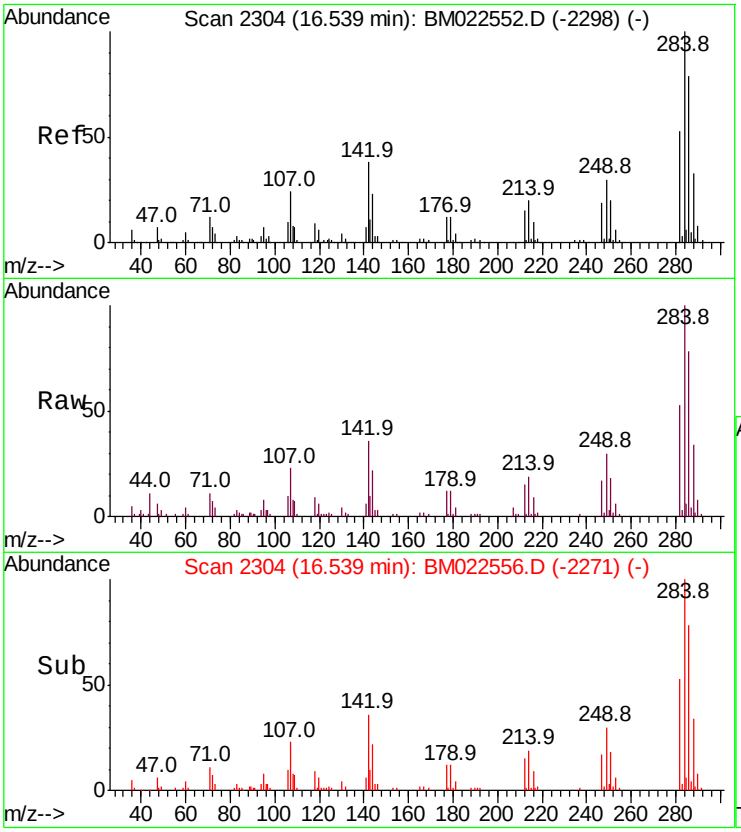


#66
4-Bromophenyl-phenylether
Concen: 3.527 ng/ul
RT: 16.42 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:248 Resp: 67338

Ion	Ratio	Lower	Upper
248	100		
250	98.1	76.3	114.5
141	75.1	57.0	85.4



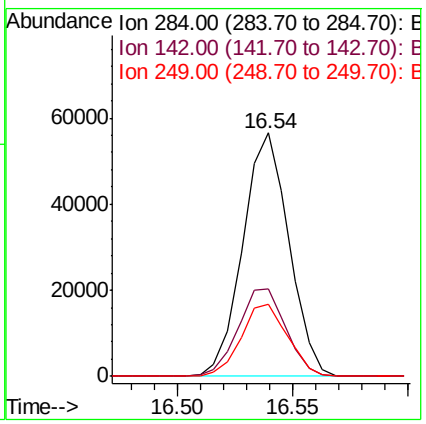


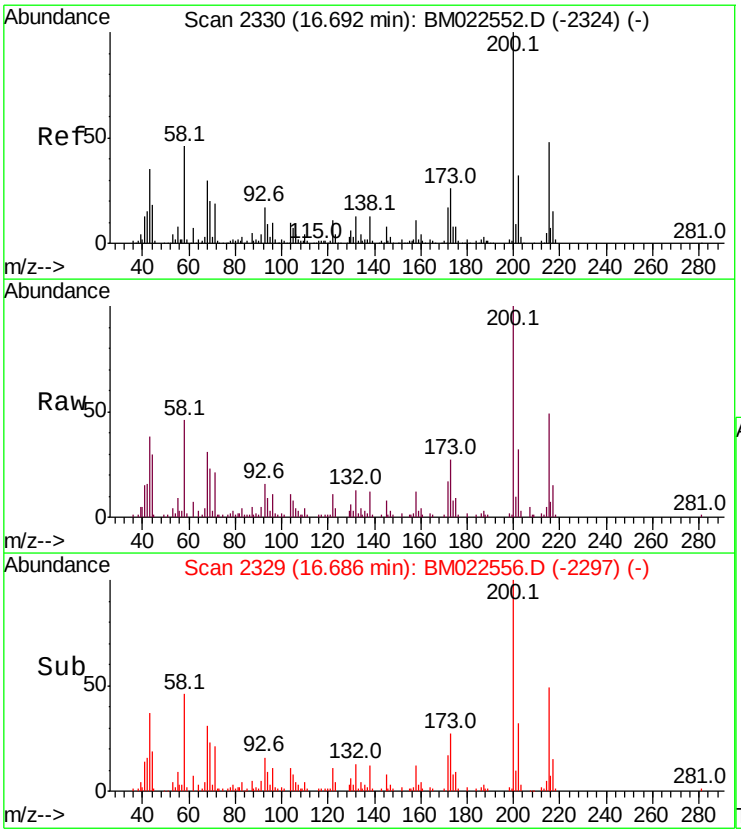
#67
Hexachlorobenzene
Concen: 3.737 ng/ul
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:284 Resp: 78609

Ion	Ratio	Lower	Upper
284	100		
142	36.0	29.3	43.9
249	29.9	24.7	37.1

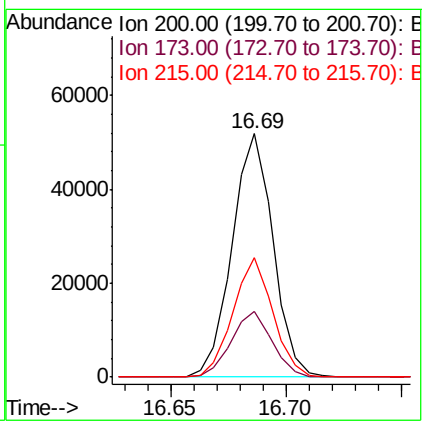


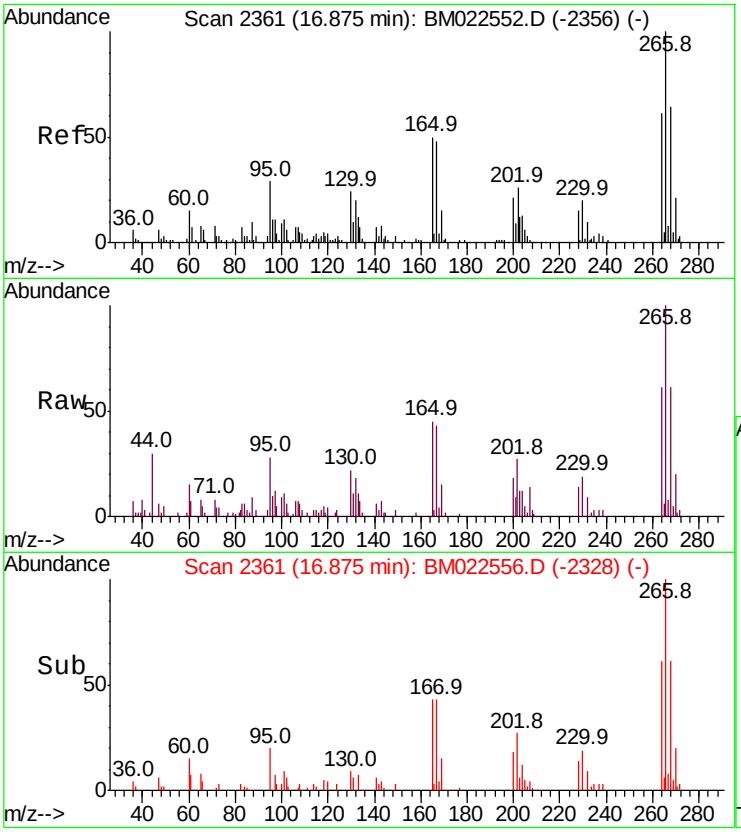


#68
Atrazine
Concen: 3.204 ng/ul
RT: 16.69 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:200 Resp: 64211

Ion	Ratio	Lower	Upper
200	100		
173	27.1	21.6	32.4
215	49.0	39.0	58.4



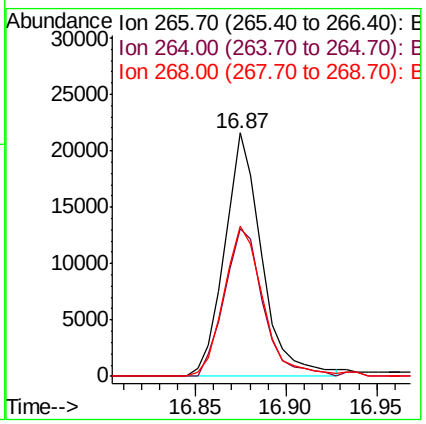


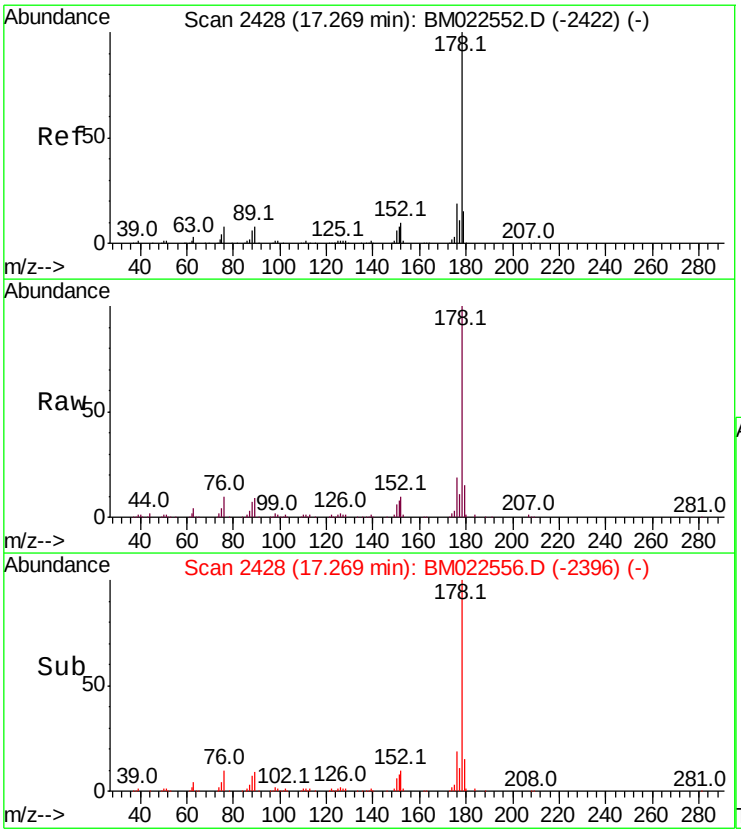
#69
Pentachlorophenol
Concen: 2.657 ng/ul
RT: 16.87 min Scan# 2361
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:266 Resp: 30839

Ion	Ratio	Lower	Upper
266	100		
264	60.8	50.8	76.2
268	61.5	50.9	76.3

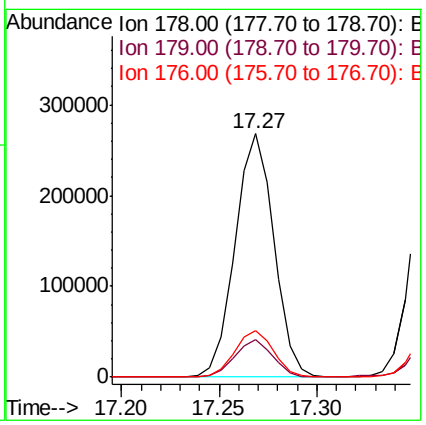


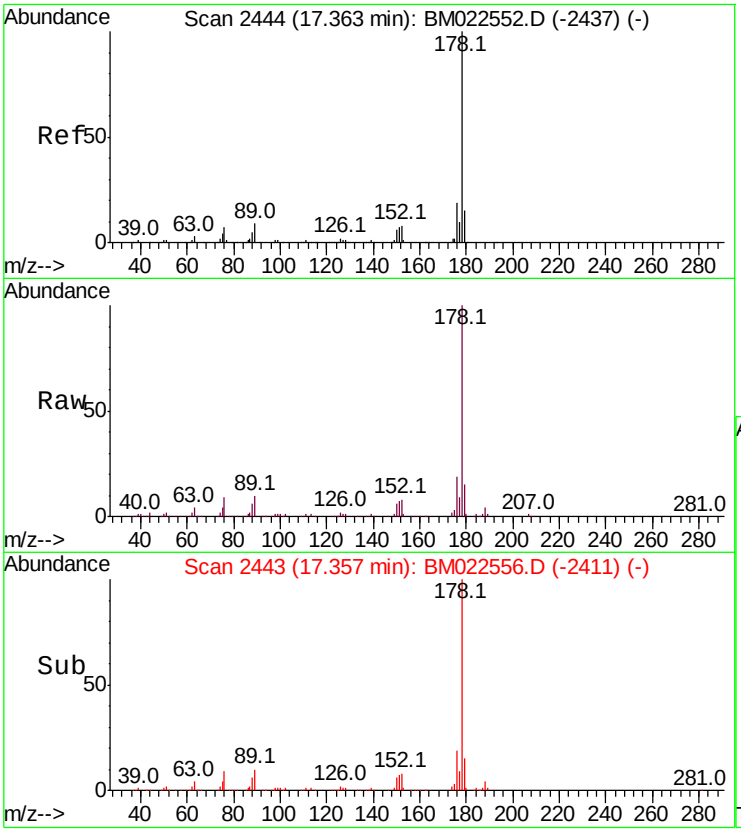


#70
Phenanthrene
Concen: 3.921 ng/ul
RT: 17.27 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:178 Resp: 366785

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.0	18.0
176	19.0	15.4	23.0



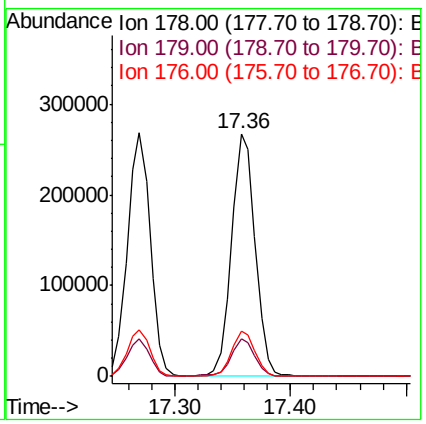


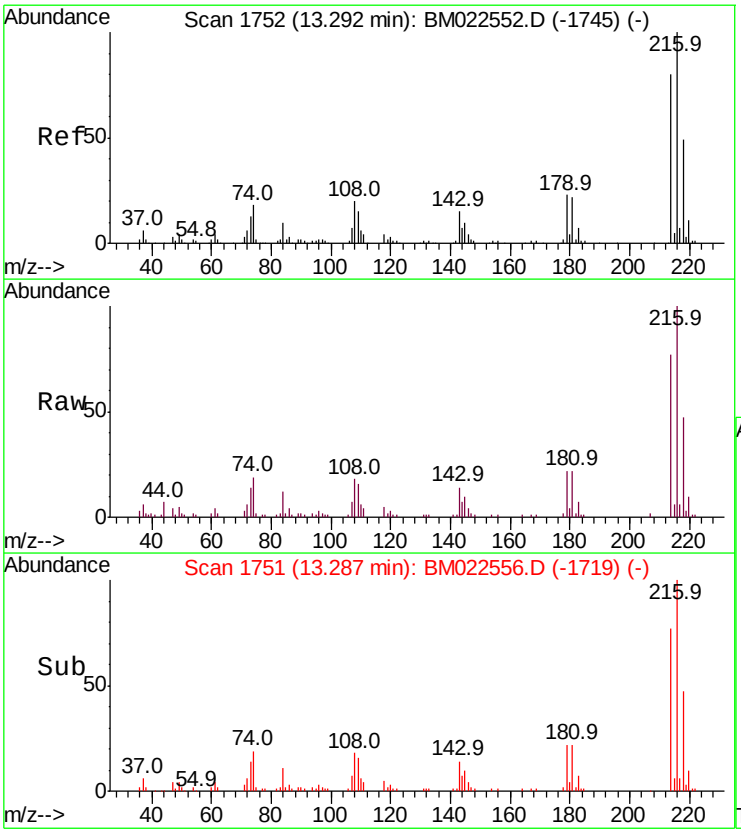
#72
Anthracene
Concen: 3.934 ng/ul
RT: 17.36 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:178 Resp: 378025

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.7	14.7	22.1

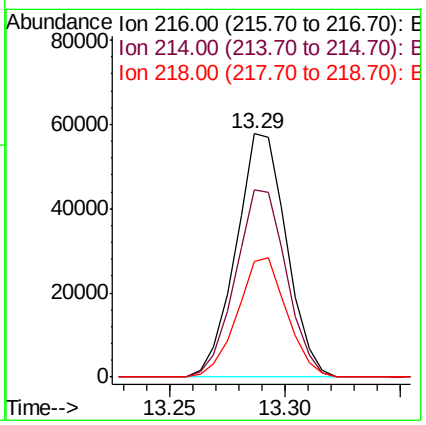


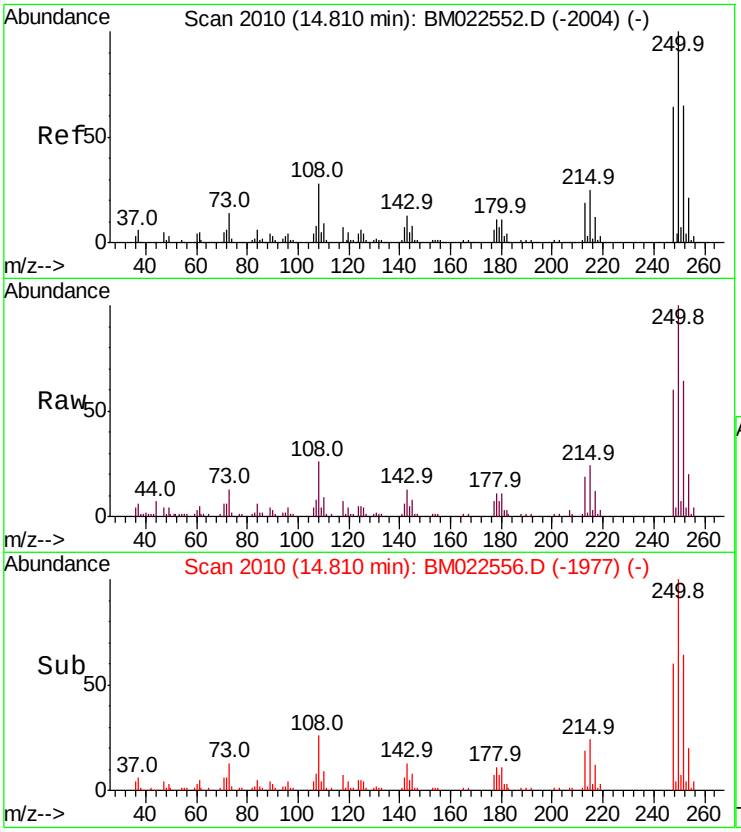


#73
1,2,3,4-Tetrachlorobenzene
Concen: 3.702 ng/uL
RT: 13.29 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:216 Resp: 88065

Ion	Ratio	Lower	Upper
216	100		
214	76.9	62.5	93.7
218	47.3	38.2	57.4



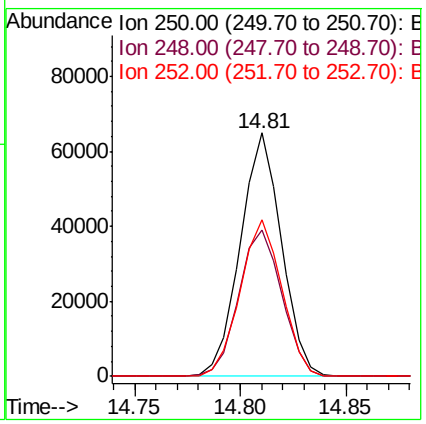


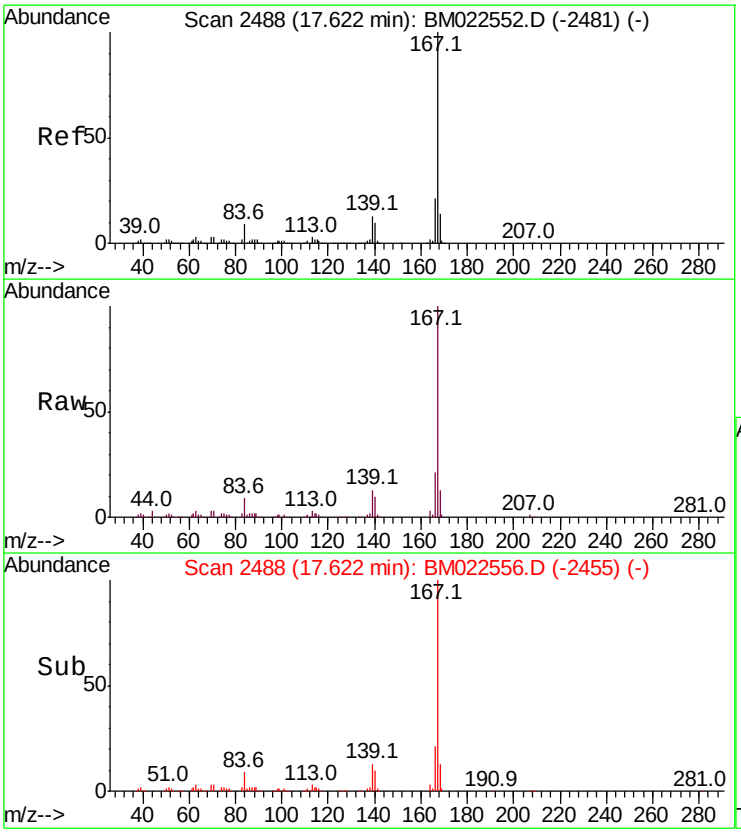
#74
Pentachlorobenzene
Concen: 3.667 ng/uL
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:250 Resp: 87934

Ion	Ratio	Lower	Upper
250	100		
248	60.2	51.3	76.9
252	64.1	51.1	76.7

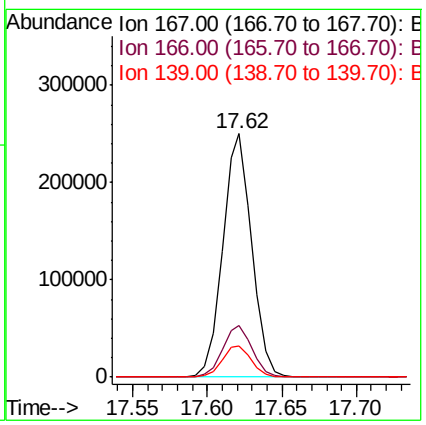


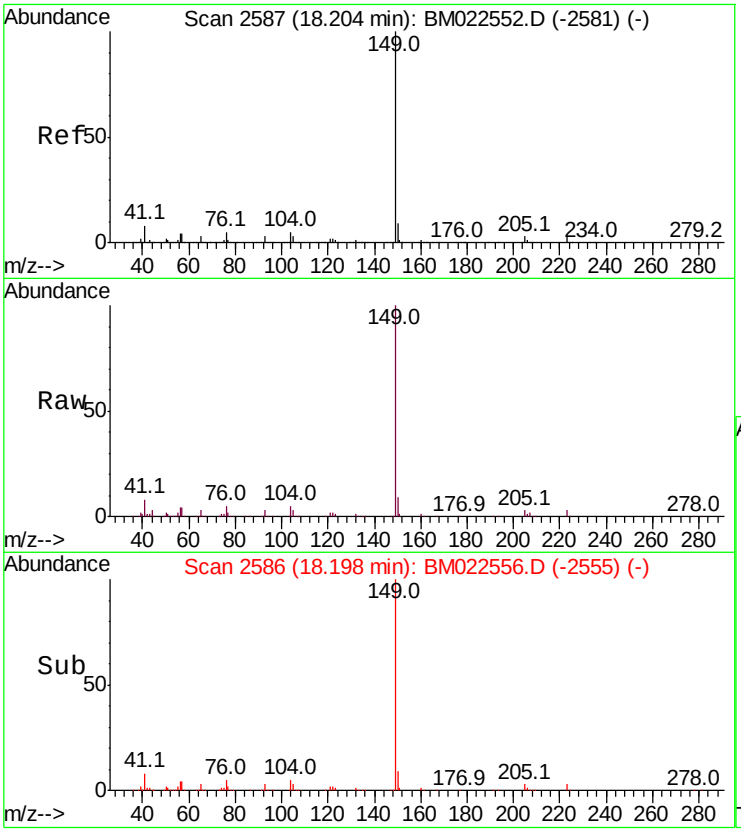


#75
Carbazole
Concen: 3.925 ng/ul
RT: 17.62 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:167 Resp: 339051

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.4	26.0
139	12.8	10.6	15.8



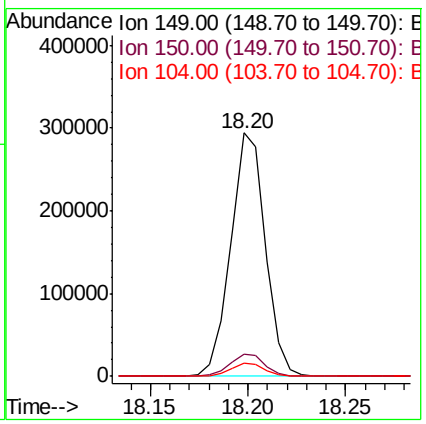


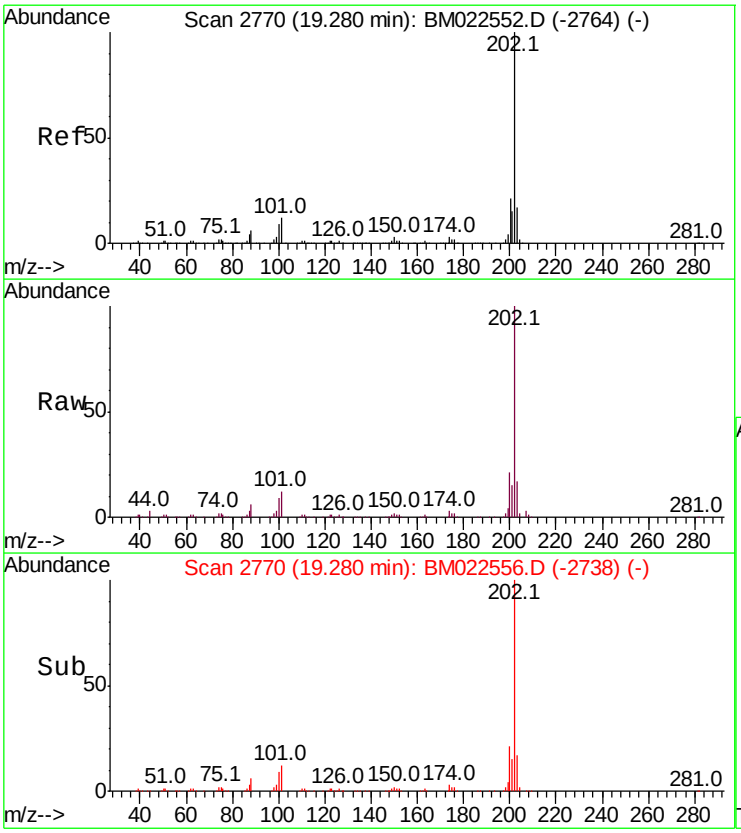
#76
Di-n-butylphthalate
Concen: 3.307 ng/ul
RT: 18.20 min Scan# 2586
Delta R.T. -0.02 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:149 Resp: 361756

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.5	3.9	5.9

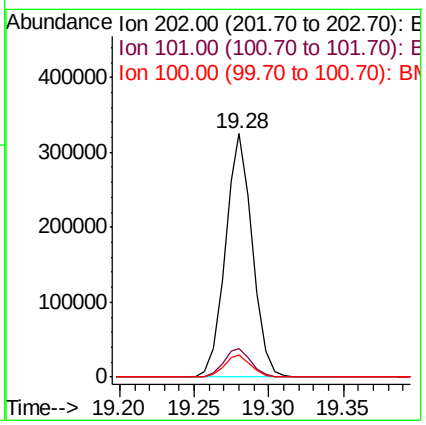


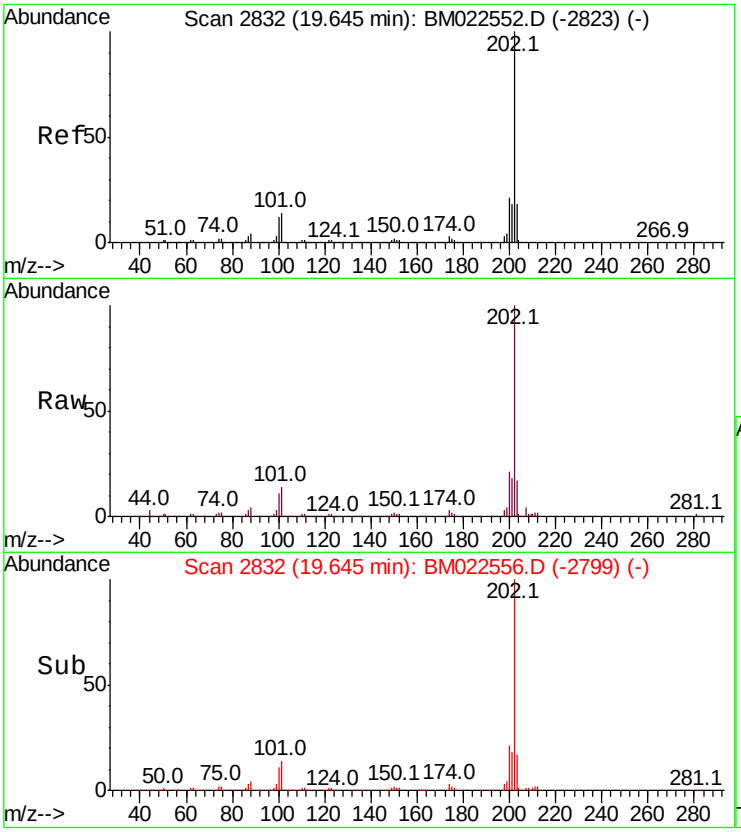


#77
Fluoranthene
Concen: 3.863 ng/ul
RT: 19.28 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:202 Resp: 410084

Ion	Ratio	Lower	Upper
202	100		
101	11.8	8.8	13.2
100	9.0	6.3	9.5



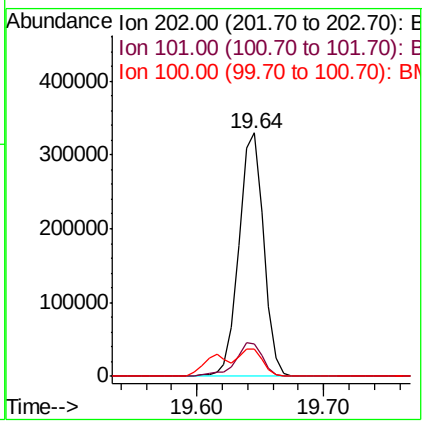


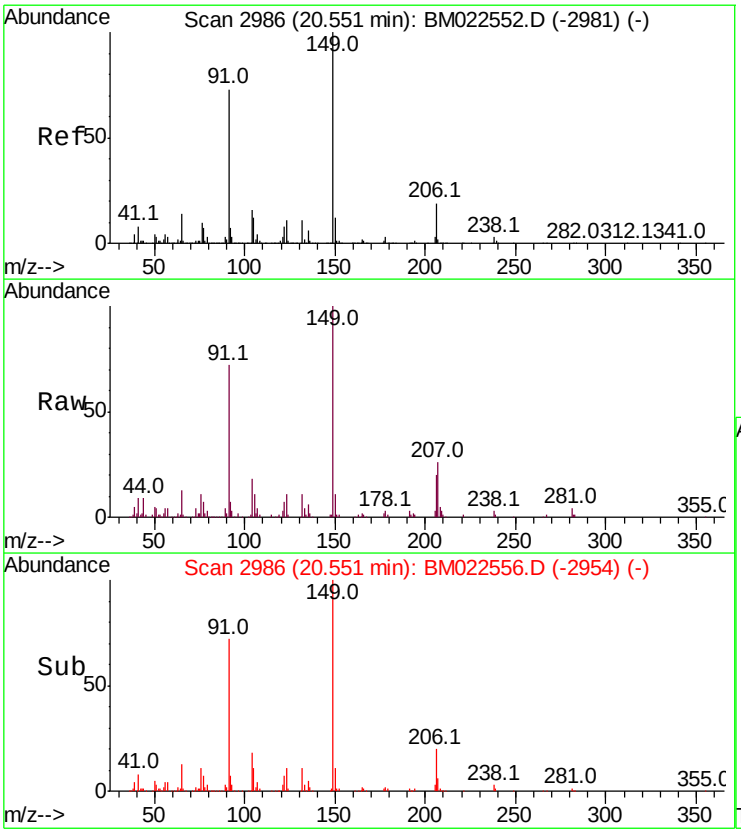
#80
Pyrene
Concen: 3.956 ng/ul
RT: 19.64 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:202 Resp: 444743

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.6	16.0
100	11.0	8.6	13.0

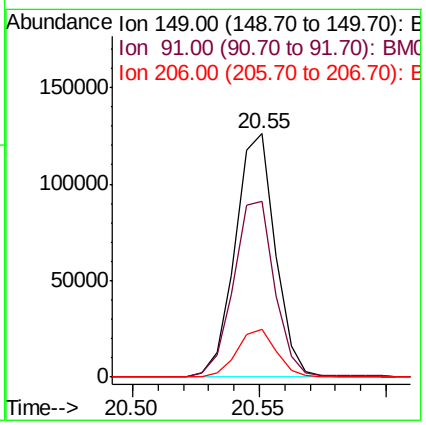


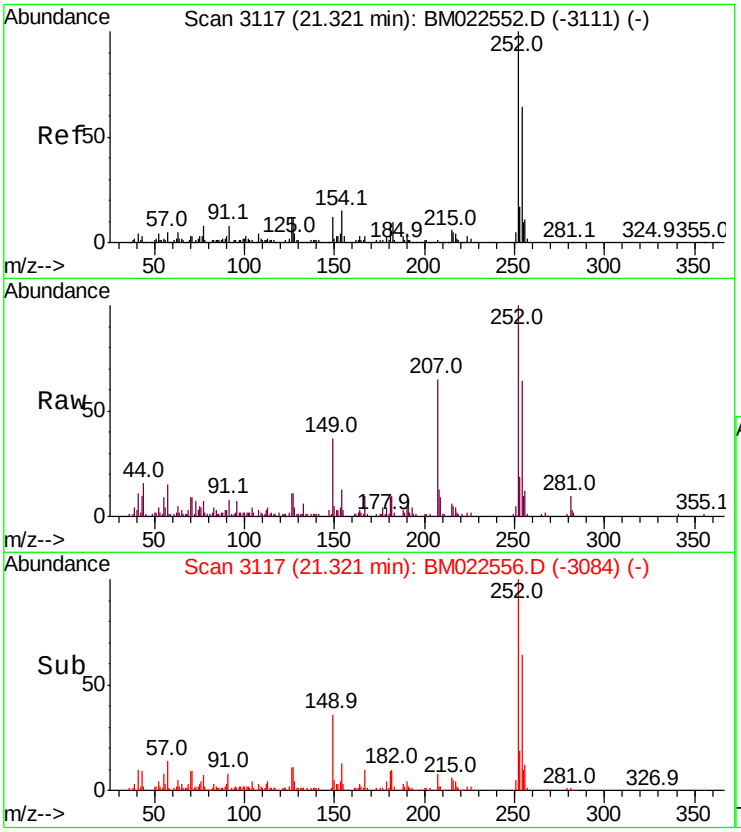


#81
Butylbenzylphthalate
Concen: 2.911 ng/ul
RT: 20.55 min Scan# 2986
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:149 Resp: 137969

Ion	Ratio	Lower	Upper
149	100		
91	72.0	55.4	83.0
206	19.7	17.0	25.4



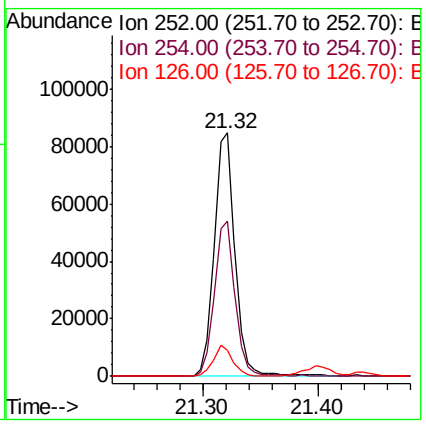


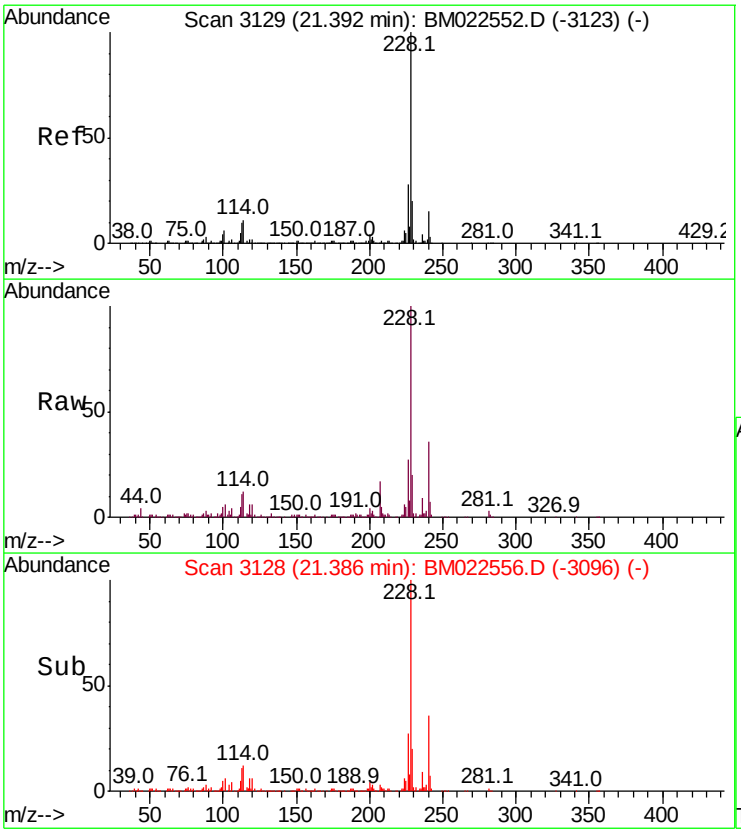
#82
3,3'-Dichlorobenzidine
Concen: 2.678 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:252 Resp: 105794

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.2	76.8
126	10.9	8.6	13.0

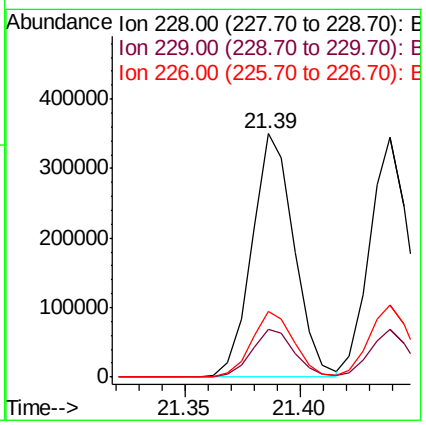


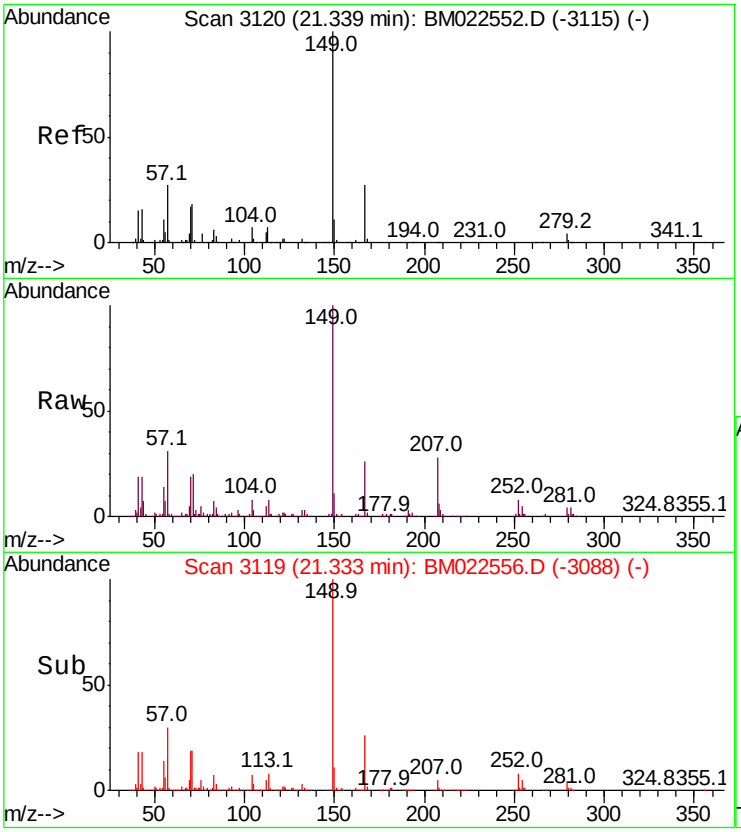


#83
Benzo(a)anthracene
Concen: 3.858 ng/ul
RT: 21.39 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:228 Resp: 444627

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.7	23.5
226	26.9	22.2	33.2



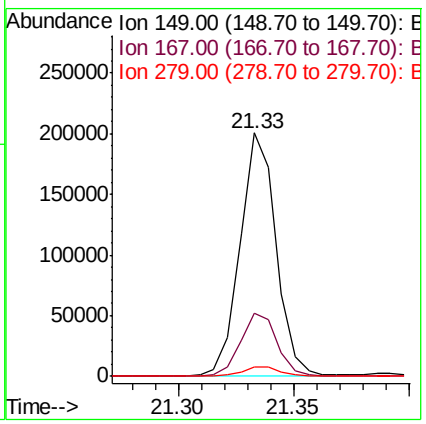


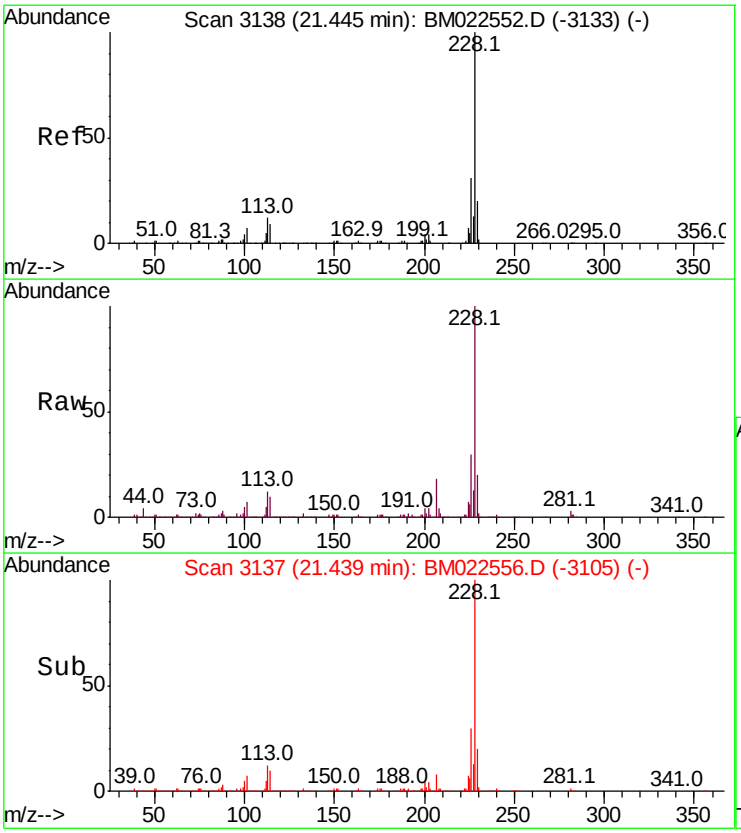
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.008 ng/ul
RT: 21.33 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:149 Resp: 216324

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.7	32.5
279	3.8	3.5	5.3

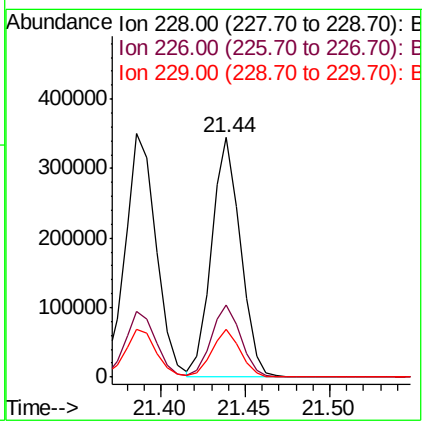


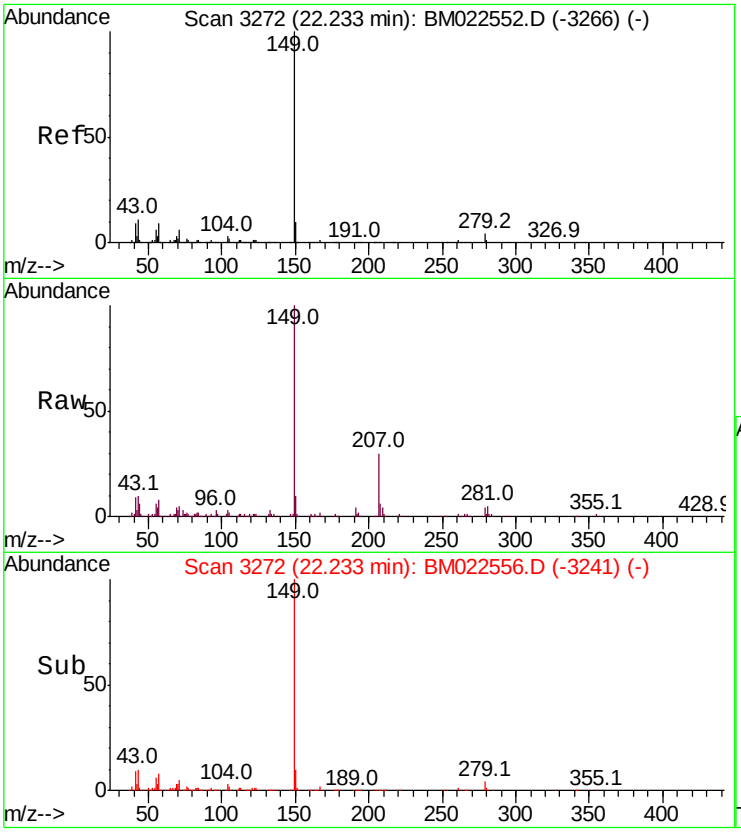


#85
Chrysene
Concen: 3.904 ng/ul
RT: 21.44 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:228 Resp: 413950

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.4
229	19.9	15.8	23.6

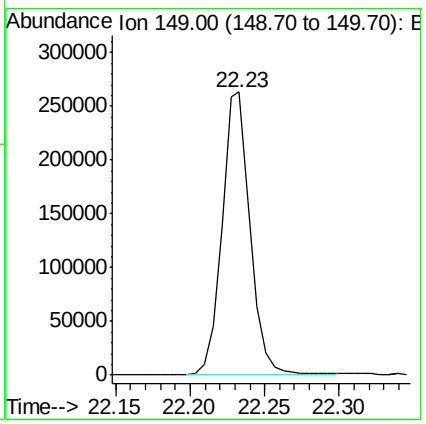


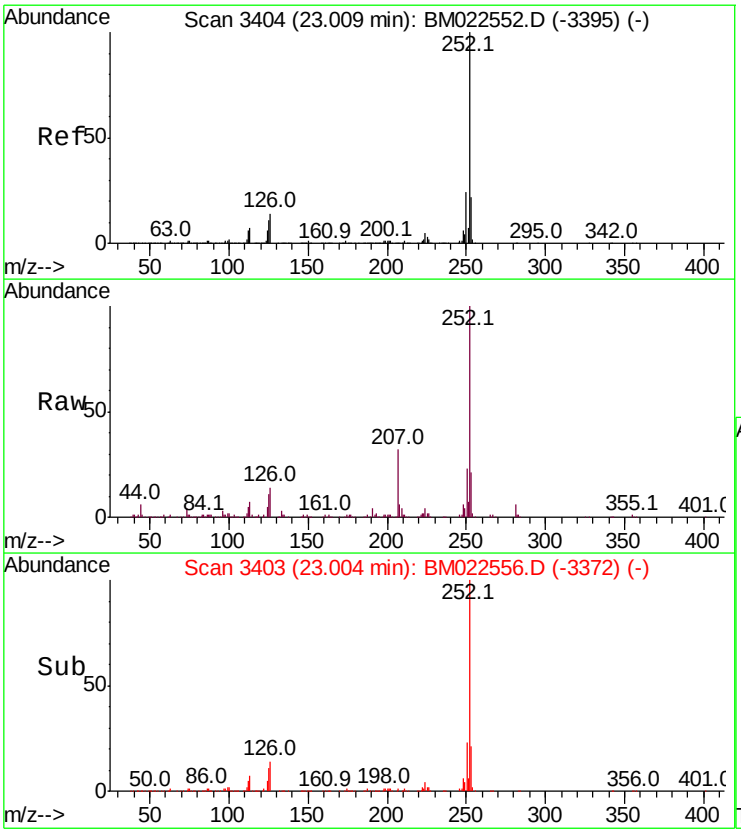


#87
Di-n-octyl phthalate
Concen: 2.647 ng/ul
RT: 22.23 min Scan# 3272
Delta R.T. -0.02 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:149 Resp: 341788

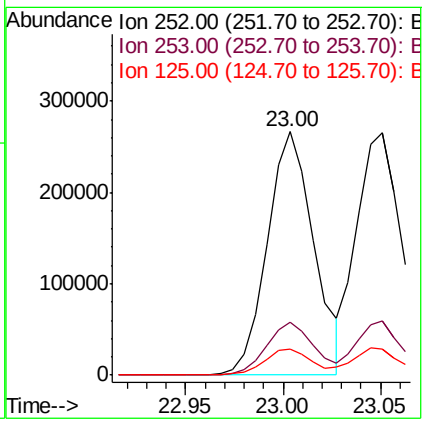


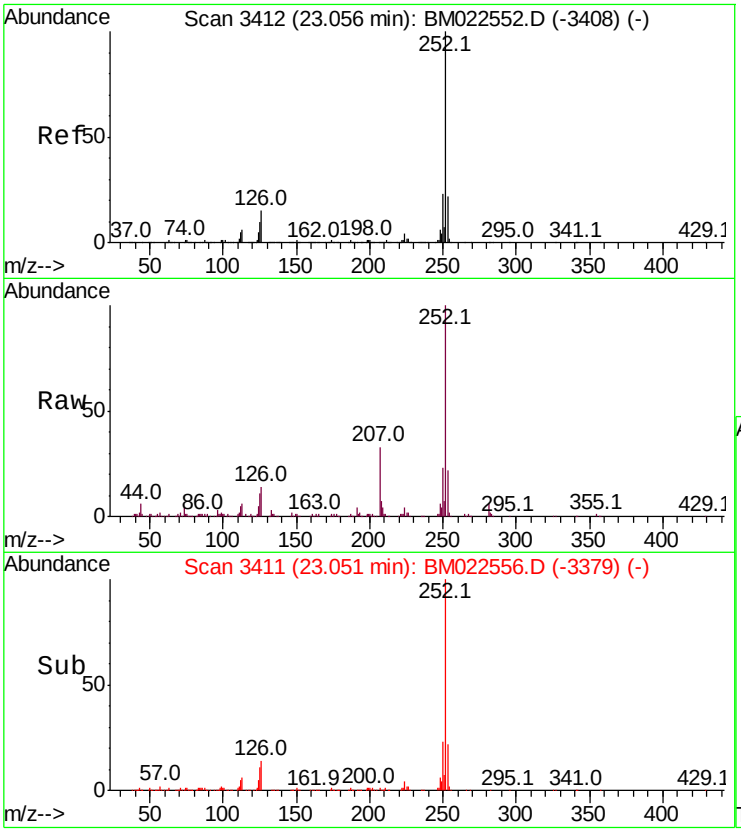


#88
Benzo(b)fluoranthene
Concen: 3.719 ng/ul
RT: 23.00 min Scan# 3403
Delta R.T. -0.02 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:252 Resp: 441310

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	10.7	8.0	12.0



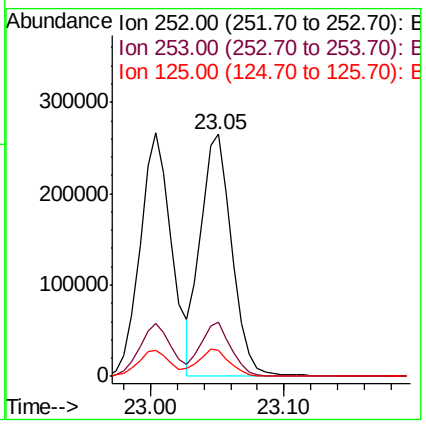


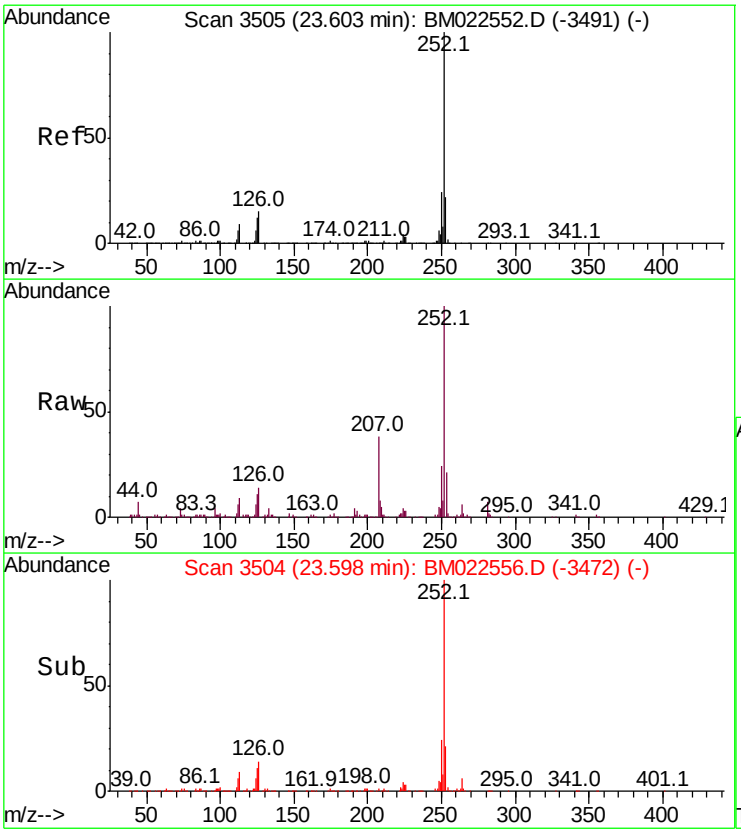
#89
Benzo(k)fluoranthene
Concen: 3.744 ng/ul
RT: 23.05 min Scan# 3411
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:252 Resp: 431721

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	10.9	8.2	12.2

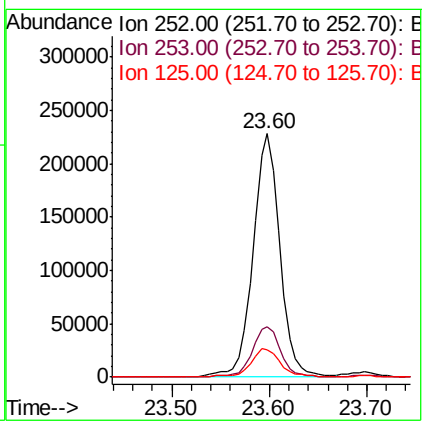


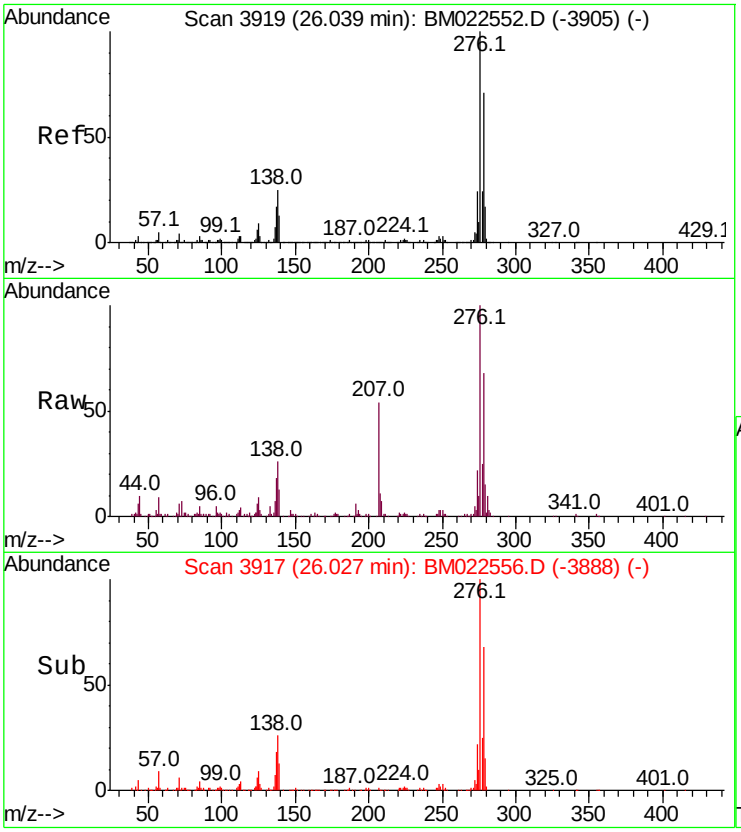


#91
Benzo(a)pyrene
Concen: 3.884 ng/ul
RT: 23.60 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:252 Resp: 439773

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.5	26.3
125	11.4	8.9	13.3



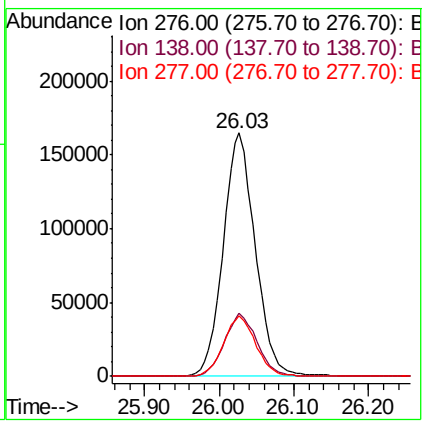


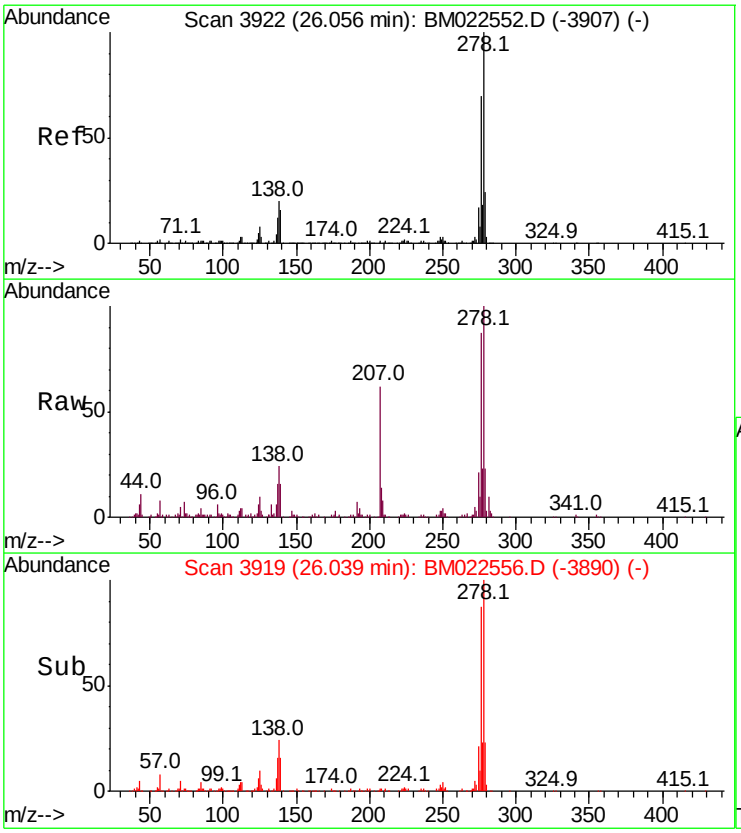
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.757 ng/ul
RT: 26.03 min Scan# 3917
Delta R.T. -0.03 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:276 Resp: 491483

Ion	Ratio	Lower	Upper
276	100		
138	25.9	19.2	28.8
277	24.7	19.8	29.8

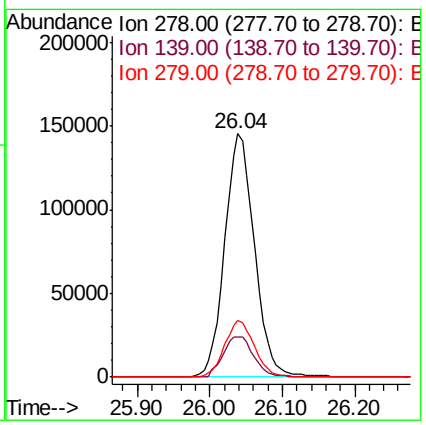


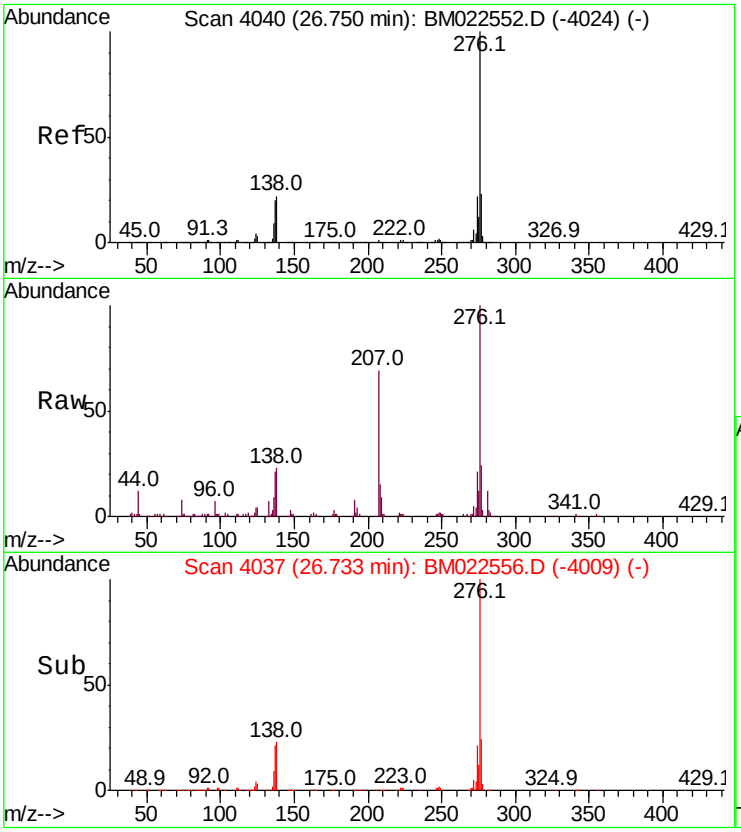


#93
Dibenzo(a,h)anthracene
Concen: 3.812 ng/ul
RT: 26.04 min Scan# 3919
Delta R.T. -0.03 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Tgt Ion:278 Resp: 414970

Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.3	19.9
279	23.1	19.2	28.8



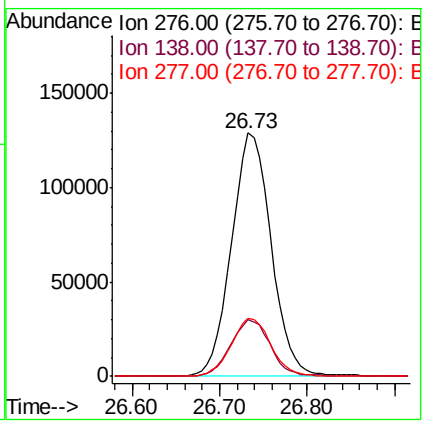


#94
Benzo(g,h,i)perylene
Concen: 3.704 ng/ul
RT: 26.73 min Scan# 4037
Delta R.T. -0.03 min
Lab File: BM022556.D
Acq: 06 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Tgt Ion:276 Resp: 397967

Ion	Ratio	Lower	Upper
276	100		
138	23.1	17.0	25.6
277	23.9	18.8	28.2



Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022556.D
Acq On : 06 Sep 2019 17:32
Operator : HP/JU
Sample : MDL-W-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-W-03

Quant Time: Sep 06 18:16:12 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	256782	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1157816	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.49	164	739261	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1527887	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	1553451	20.00	ng/ul	-0.01
86) Perylene-d12	23.70	264	1803738	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	10895	1.77	ng/uL	0.00
5) Phenol-d5	7.01	99	658613	27.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	409008	30.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	526749	28.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	539892	28.03	ng/ul	-0.01
19) Nitrobenzene-d5	9.01	128	255219	30.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	233842	30.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	504773	25.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	766492	29.67	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	1746966	29.16	ng/ul	-0.01
47) Acenaphthylene-d8	14.18	160	2160807	30.12	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.66	143	294205	28.75	ng/ul	0.00
58) Fluorene-d10	15.48	176	1450963	28.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	180282	25.96	ng/ul	-0.01
71) Anthracene-d10	17.33	188	2293892	29.31	ng/ul	0.00
79) Pyrene-d10	19.62	212	2490351	28.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	2723889	28.10	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	10034	1.618	ng/uL	92
4) Benzaldehyde	6.99	77	40567	3.280	ng/ul	93
6) Phenol	7.04	94	94346	3.812	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.28	93	76220	4.055	ng/ul	99
10) 2-Chlorophenol	7.42	128	74781	3.803	ng/ul	96
11) 2-Methylphenol	8.29	108	66982	3.468	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.39	45	116483	4.213	ng/ul	97
14) Acetophenone	8.68	105	122554	4.078	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.66	70	63205	3.894	ng/ul	98
16) 4-Methylphenol	8.62	108	77625	3.722	ng/ul	98
17) Hexachloroethane	8.95	117	30511	3.916	ng/ul	98
20) Nitrobenzene	9.05	77	89024	4.260	ng/ul	96
21) Isophorone	9.58	82	173361	3.702	ng/ul	99
23) 2-Nitrophenol	9.76	139	36114	3.950	ng/ul	96
24) 2,4-Dimethylphenol	9.82	107	85581	3.734	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.06	93	106696	3.886	ng/ul	98
27) 2,4-Dichlorophenol	10.29	162	70671	3.660	ng/ul	95
28) Naphthalene	10.70	128	251789	3.922	ng/ul	99
30) 4-Chloroaniline	10.80	127	102650	3.868	ng/ul	100
31) Hexachlorobutadiene	11.00	225	42333	3.559	ng/ul	97
32) Caprolactam	11.59	113	21747	3.026	ng/ul	98
33) 4-Chloro-3-methylphenol	11.92	107	74343	3.489	ng/ul	98
34) 2-Methylnaphthalene	12.32	142	184465	3.814	ng/ul	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022556.D
Acq On : 06 Sep 2019 17:32
Operator : HP/JU
Sample : MDL-W-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-W-03

Quant Time: Sep 06 18:16:12 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	175334	3.795	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.68	216	87793	3.681	ng/ul	98
38) Hexachlorocyclopentadiene	12.67	237	44662	3.037	ng/ul	98
39) 2,4,6-Trichlorophenol	12.92	196	47949	3.211	ng/ul	94
40) 2,4,5-Trichlorophenol	12.98	196	55357	3.419	ng/ul	99
41) 1,1'-Biphenyl	13.33	154	240710	3.910	ng/ul	99
42) 2-Chloronaphthalene	13.36	162	182774	3.922	ng/ul	98
43) 2-Nitroaniline	13.56	65	41126	3.779	ng/ul	96
45) Dimethylphthalate	13.95	163	239070	3.932	ng/ul	99
46) 2,6-Dinitrotoluene	14.05	165	33865	3.421	ng/ul	90
48) Acenaphthylene	14.21	152	288654	3.880	ng/ul	99
49) 3-Nitroaniline	14.38	138	33539	3.124	ng/ul	97
50) Acenaphthene	14.55	153	198840	3.857	ng/ul	99
51) 2,4-Dinitrophenol	14.58	184	15724	3.462	ng/ul	85
53) 4-Nitrophenol	14.67	109	33736	4.103	ng/ul	90
54) Dibenzofuran	14.89	168	283804	3.967	ng/ul	98
55) 2,4-Dinitrotoluene	14.84	165	53335	3.678	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.11	232	43432	3.229	ng/ul	97
57) Diethylphthalate	15.31	149	236326	3.756	ng/ul	99
59) Fluorene	15.53	166	233275	3.963	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.53	204	111490	3.827	ng/ul	98
61) 4-Nitroaniline	15.53	138	37221	3.043	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.60	198	27764	3.455	ng/ul#	74
65) N-Nitrosodiphenylamine	15.74	169	201080	3.857	ng/ul	99
66) 4-Bromophenyl-phenylether	16.42	248	67338	3.527	ng/ul	96
67) Hexachlorobenzene	16.54	284	78609	3.737	ng/ul	99
68) Atrazine	16.69	200	64211	3.204	ng/ul	100
69) Pentachlorophenol	16.87	266	30839	2.657	ng/ul	97
70) Phenanthrene	17.27	178	366785	3.921	ng/ul	99
72) Anthracene	17.36	178	378025	3.934	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	88065	3.702	ng/uL	99
74) Pentachlorobenzene	14.81	250	87934	3.667	ng/uL	97
75) Carbazole	17.62	167	339051	3.925	ng/ul	99
76) Di-n-butylphthalate	18.20	149	361756	3.307	ng/ul	99
77) Fluoranthene	19.28	202	410084	3.863	ng/ul	97
80) Pyrene	19.64	202	444743	3.956	ng/ul	99
81) Butylbenzylphthalate	20.55	149	137969	2.911	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.32	252	105794	2.678	ng/ul	99
83) Benzo(a)anthracene	21.39	228	444627	3.858	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.33	149	216324	3.008	ng/ul	98
85) Chrysene	21.44	228	413950	3.904	ng/ul	99
87) Di-n-octyl phthalate	22.23	149	341788	2.647	ng/ul	100
88) Benzo(b)fluoranthene	23.00	252	441310	3.719	ng/ul	98
89) Benzo(k)fluoranthene	23.05	252	431721	3.744	ng/ul	99
91) Benzo(a)pyrene	23.60	252	439773	3.884	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.03	276	491483	3.757	ng/ul	98
93) Dibenzo(a,h)anthracene	26.04	278	414970	3.812	ng/ul	99
94) Benzo(g,h,i)perylene	26.73	276	397967	3.704	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022556.D
Acq On : 06 Sep 2019 17:32
Operator : HP/JU
Sample : MDL-W-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Quant Time: Sep 06 18:16:12 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