Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024940.D
Acq On : 18 Feb 2020 21:00
Operator : CG/JU
Sample : L1486-15
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 19 03:44:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	300128	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	1108619	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.04	164	749843	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	1594301	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	1629872	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1725931	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	42351	6.79	ng/uL	0.00
5) Phenol-d5	6.59	99	152744	7.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	425509	37.79	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	487711	27.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	276812	16.45	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	289593	36.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	328236	34.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	580567	30.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	66083	3.70	ng/ul	0.02
44) Dimethylphthalate-d6	13.47	166	1823607	32.22	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	2235053	33.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	57503	6.25	ng/ul	0.00
58) Fluorene-d10	15.05	176	1678660	33.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	262049	25.22	ng/ul	0.00
71) Anthracene-d10	16.89	188	2543201	34.94	ng/ul	0.00
79) Pyrene-d10	19.20	212	2849200	34.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	3137231	36.19	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.56	77	16686	1.272	ng/ul#	1
8) Bis(2-Chloroethyl)ether	6.85	93	93189	5.499	ng/ul#	30
11) 2-Methylphenol	7.84	108	73409	4.507	ng/ul	98
16) 4-Methylphenol	8.16	108	68180	3.877	ng/ul	95
24) 2,4-Dimethylphenol	9.36	107	296040	15.543	ng/ul	93
30) 4-Chloroaniline	10.27	127	20673144	1158.778	ng/ul#	11
35) 1-Methylnaphthalene	12.06	142	13706869	329.395	ng/ul	99
41) 1,1'-Biphenyl	12.86	154	7230069	130.613	ng/ul#	97
48) Acenaphthylene	13.75	152	320222	4.677	ng/ul#	87
50) Acenaphthene	14.03	153	118032	2.553	ng/ul#	1
54) Dibenzofuran	14.36	168	272579	3.955	ng/ul#	53
59) Fluorene	15.11	166	12393507	218.172	ng/ul	98
70) Phenanthrene	16.93	178	729969	8.397	ng/ul	99
72) Anthracene	16.93	178	729969	8.280	ng/ul	98
75) Carbazole	17.21	167	7352765	100.110	ng/ul	99
77) Fluoranthene	18.86	202	3753172	35.170	ng/ul#	95
80) Pyrene	19.23	202	2315807	21.465	ng/ul#	94
83) Benzo(a)anthracene	20.99	228	157036	1.430	ng/ul	98
85) Chrysene	21.04	228	144212	1.334	ng/ul	98

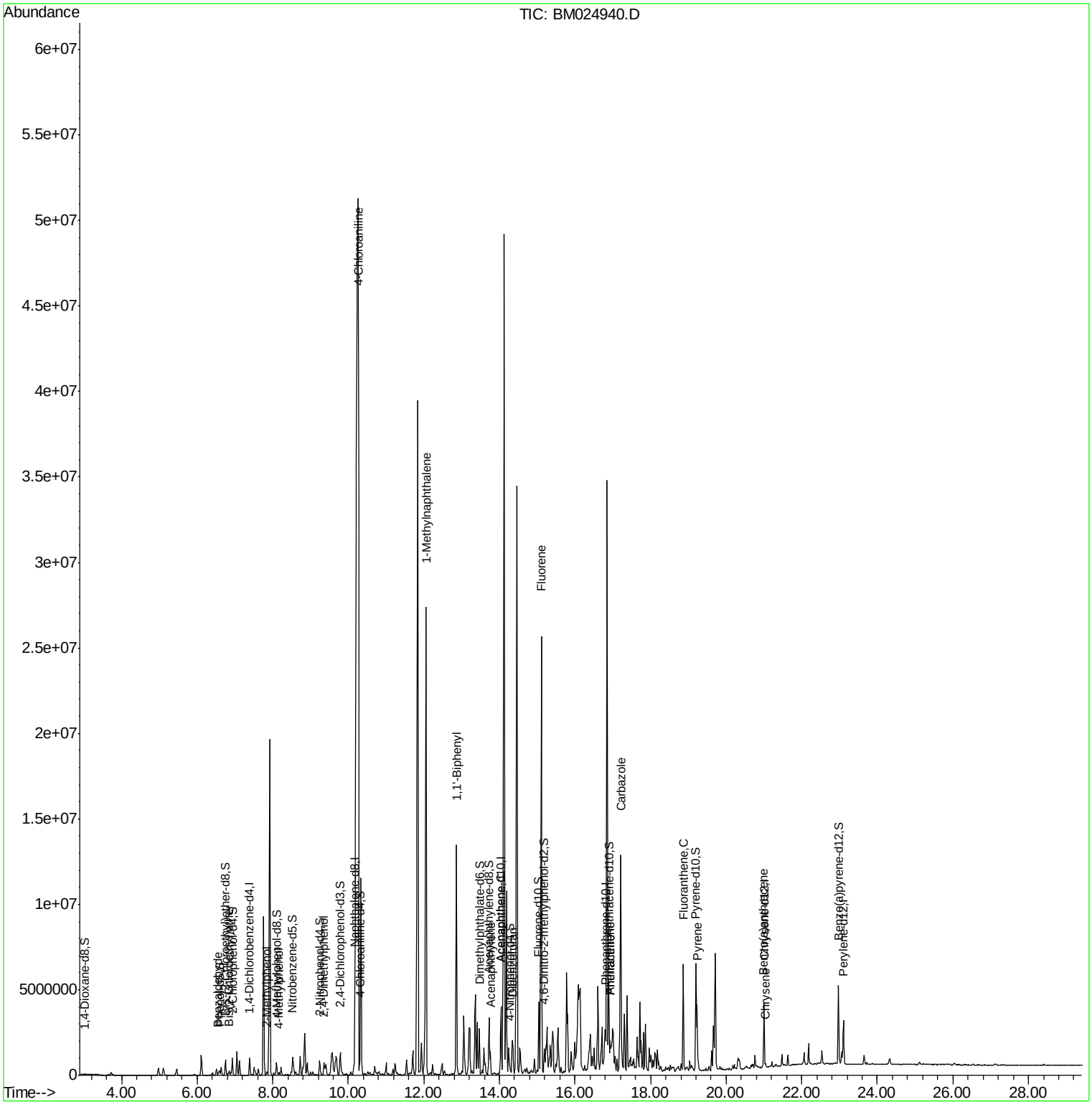
(#) = qualifier out of range (m) = manual integration (+) = signals summed

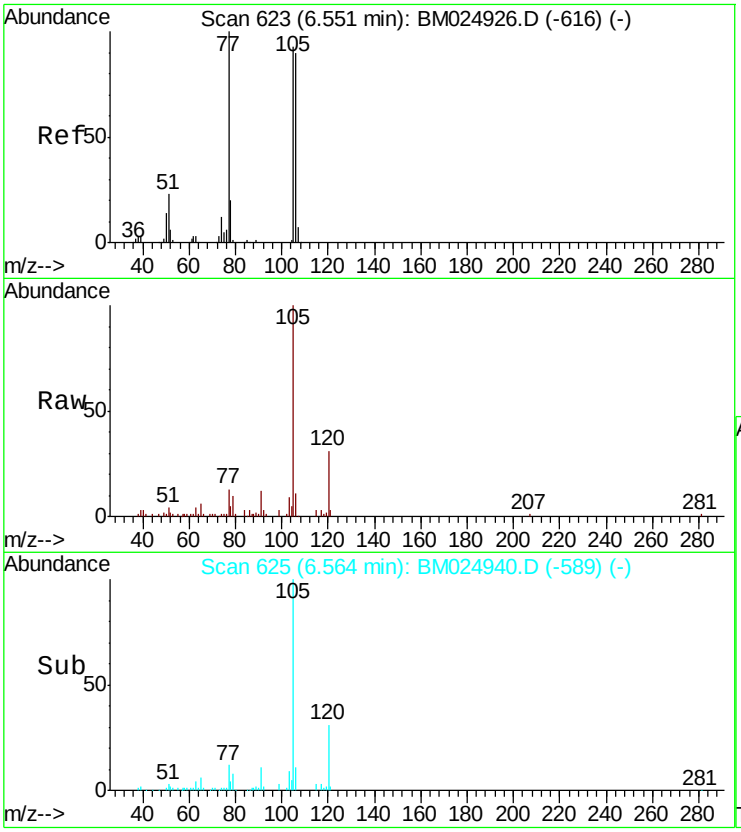
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024940.D
Acq On : 18 Feb 2020 21:00
Operator : CG/JU
Sample : L1486-15
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Feb 19 03:44:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration



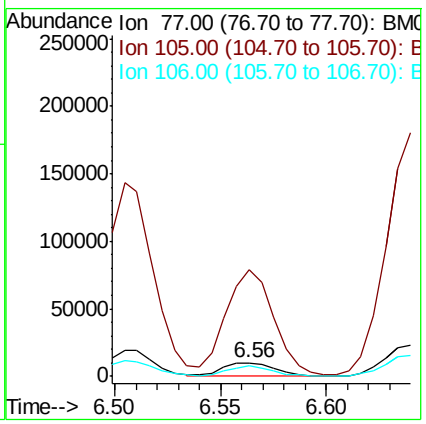


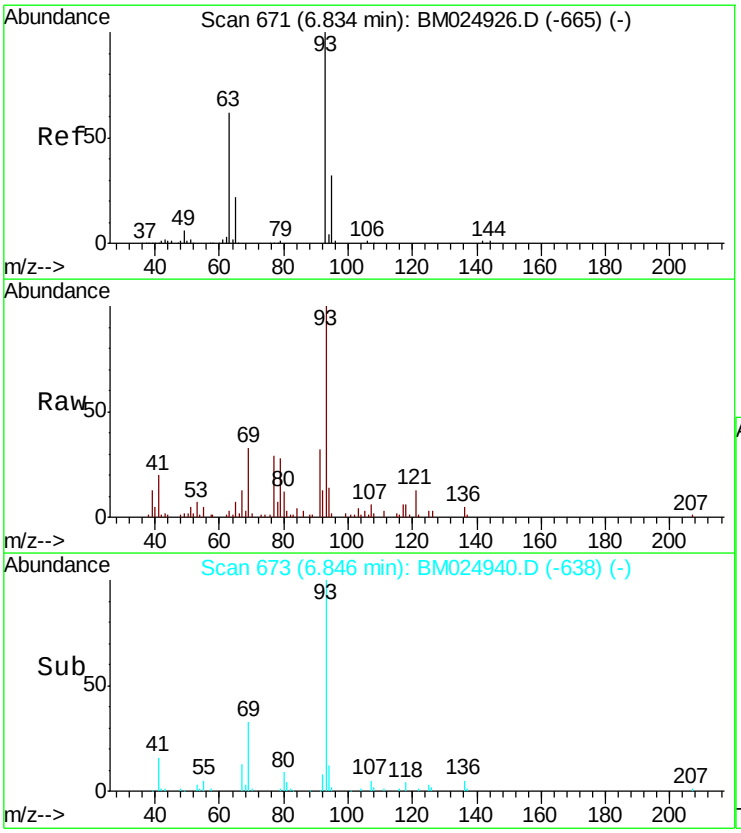
#4
Benzaldehyde
Concen: 1.272 ng/ul
RT: 6.56 min Scan# 625
Delta R.T. 0.01 min
Lab File: BM024940.D
Acq: 18 Feb 2020 21:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 16686

Ion	Ratio	Lower	Upper
77	100		
105	768.2	76.2	114.2#
106	81.5	75.4	113.2

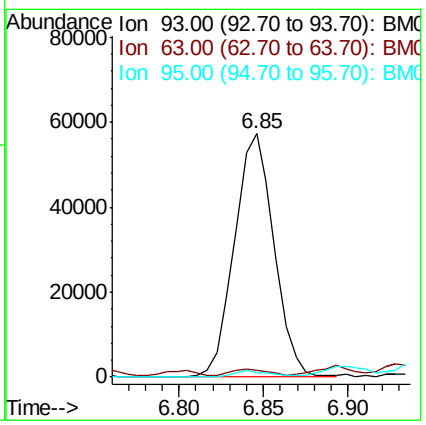


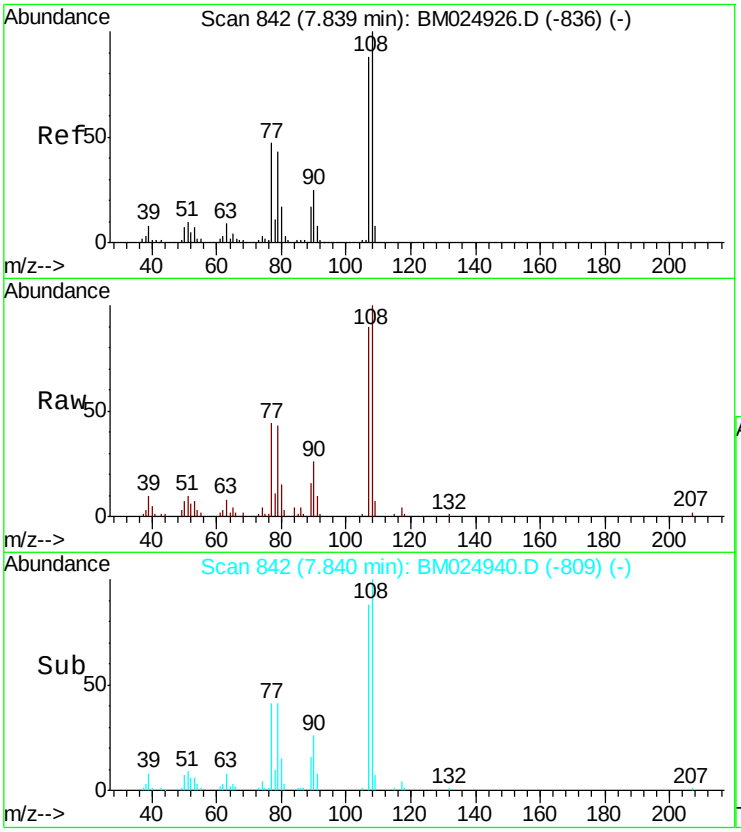


#8
Bis(2-Chloroethyl)ether
Concen: 5.499 ng/ul
RT: 6.85 min Scan# 673
Delta R.T. 0.01 min
Lab File: BM024940.D
Acq: 18 Feb 2020 21:00

Tgt Ion: 93 Resp: 93189

Ion	Ratio	Lower	Upper
93	100		
63	2.9	50.6	76.0#
95	1.6	26.4	39.6#



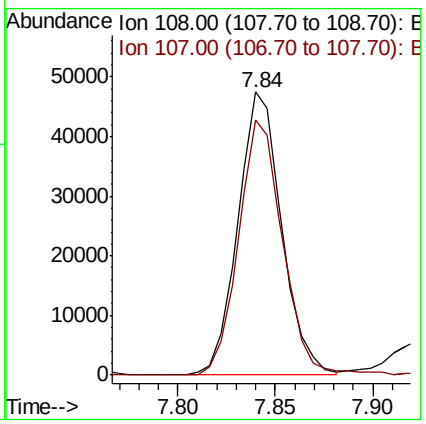


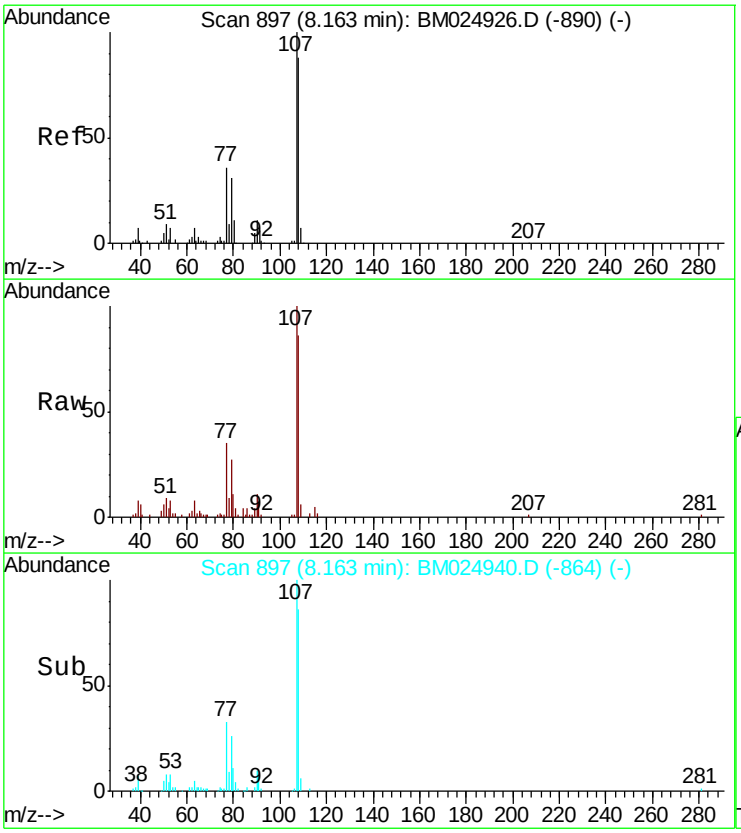
#11
2-Methylphenol
Concen: 4.507 ng/ul
RT: 7.84 min Scan# 842
Delta R.T. -0.01 min
Lab File: BM024940.D
Acq: 18 Feb 2020 21:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 73409

Ion	Ratio	Lower	Upper
108	100		
107	90.2	70.7	106.1

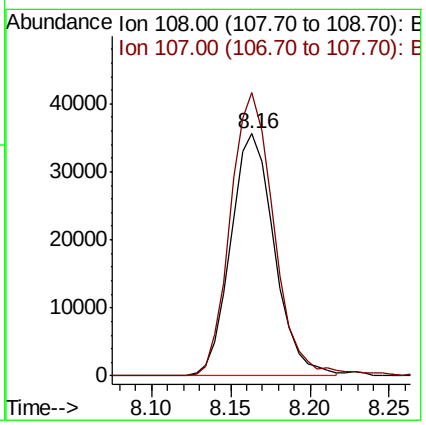


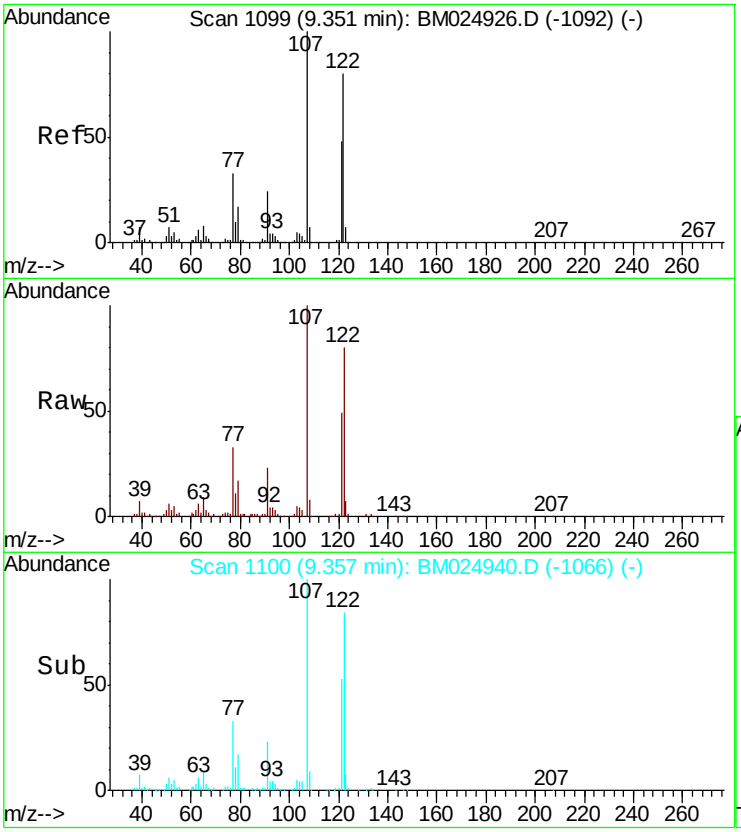


#16
4-Methylphenol
Concen: 3.877 ng/ul
RT: 8.16 min Scan# 897
Delta R.T. -0.01 min
Lab File: BM024940.D
Acq: 18 Feb 2020 21:00

Tgt Ion:108 Resp: 68180

Ion	Ratio	Lower	Upper
108	100		
107	116.8	89.4	134.0



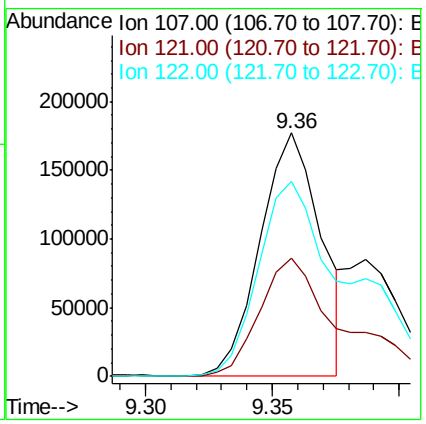


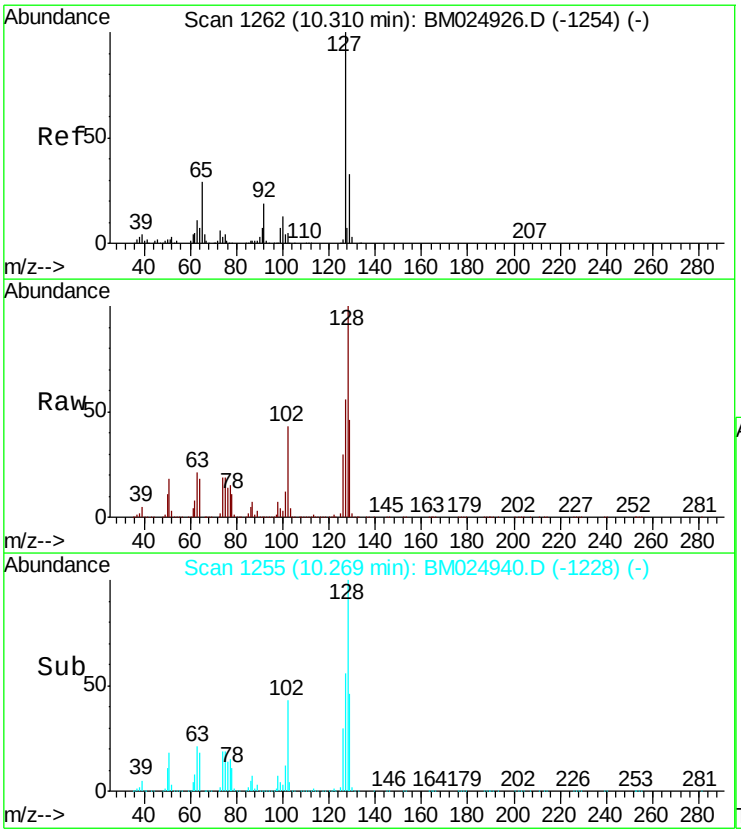
#24
2,4-Dimethylphenol
Concen: 15.543 ng/ul
RT: 9.36 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BM024940.D
Acq: 18 Feb 2020 21:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 296040

Ion	Ratio	Lower	Upper
107	100		
121	48.8	41.9	62.9
122	80.1	70.2	105.4

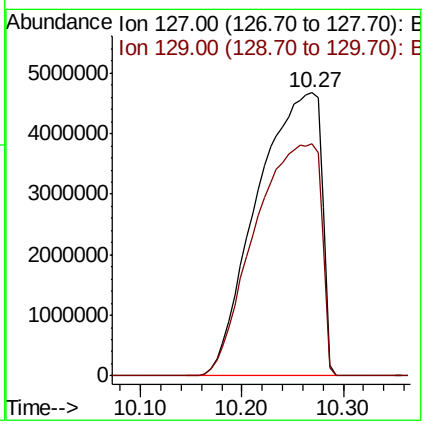


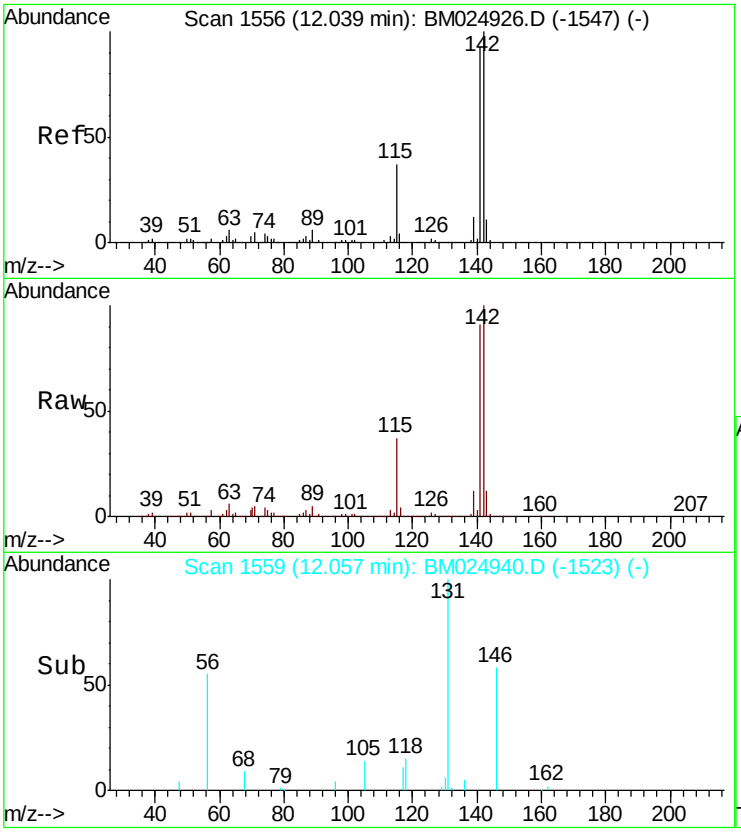


#30
4-Chloroaniline
Concen: 1158.778 ng/ul
RT: 10.27 min Scan# 1255
Delta R.T. -0.04 min
Lab File: BM024940.D
Acq: 18 Feb 2020 21:00

Tgt Ion:127 Resp:20673144

Ion	Ratio	Lower	Upper
127	100		
129	82.0	25.8	38.8#



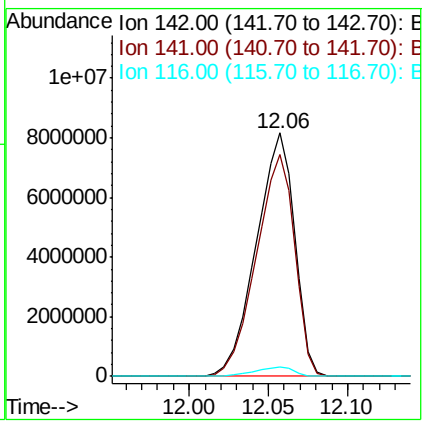


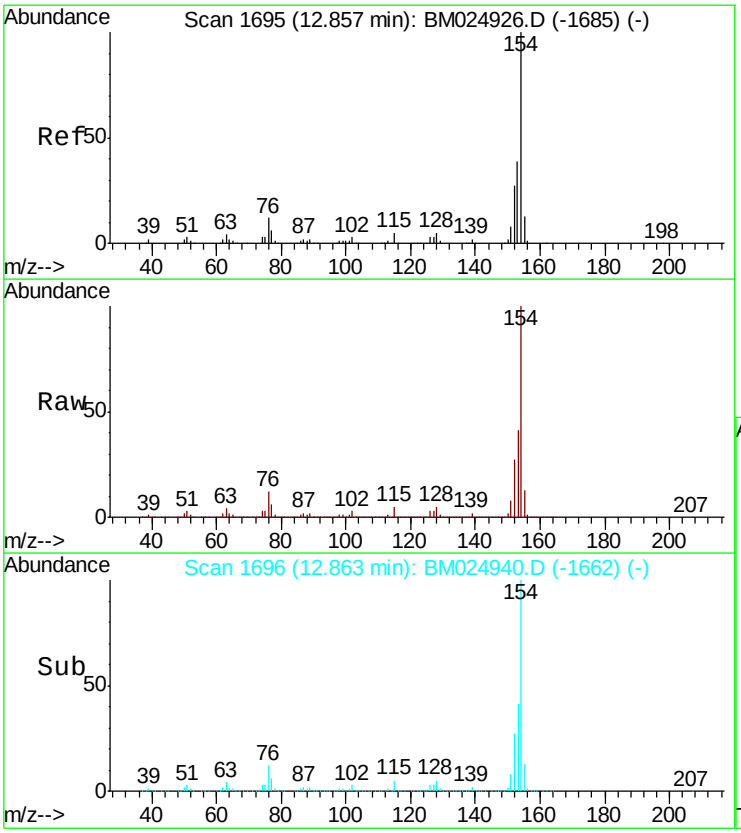
#35
1-Methylnaphthalene
Concen: 329.395 ng/ul
RT: 12.06 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BM024940.D
Acq: 18 Feb 2020 21:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp:13706869

Ion	Ratio	Lower	Upper
142	100		
141	91.4	74.1	111.1
116	3.9	3.0	4.4

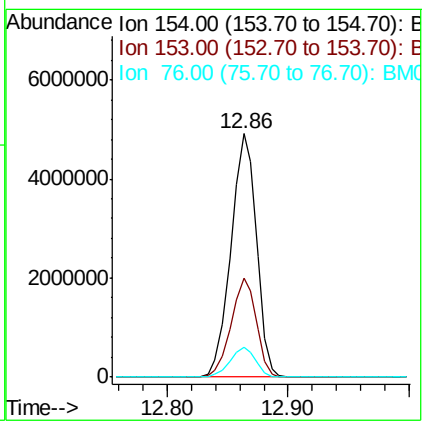


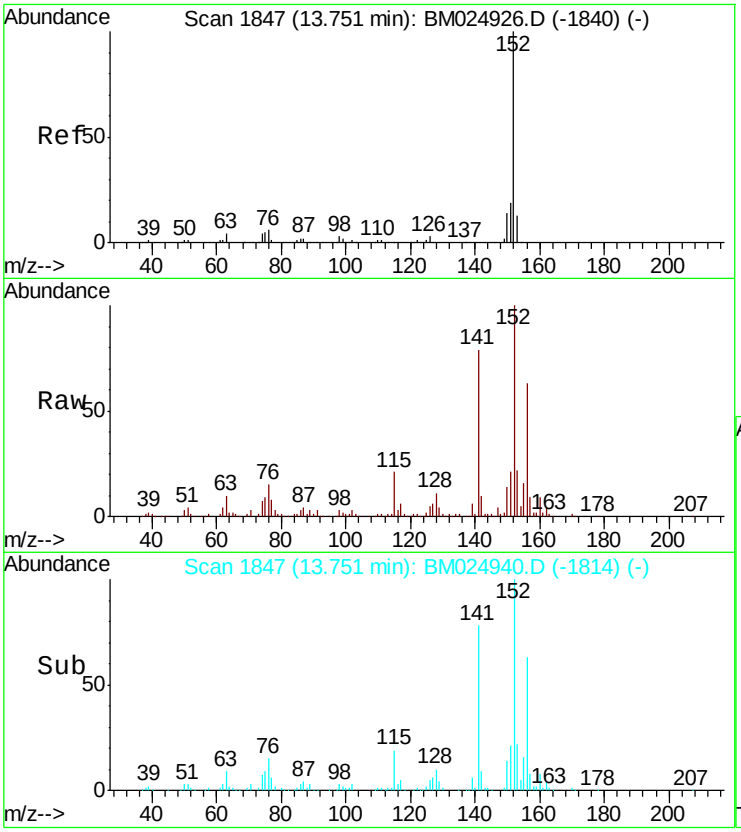


#41
1,1'-Biphenyl
Concen: 130.613 ng/ul
RT: 12.86 min Scan# 1696
Delta R.T. 0.00 min
Lab File: BM024940.D
Acq: 18 Feb 2020 21:00

Tgt Ion:154 Resp: 7230069

Ion	Ratio	Lower	Upper
154	100		
153	40.6	31.4	47.2
76	12.0	7.5	11.3#



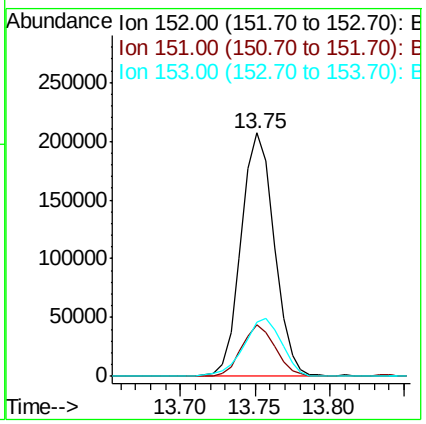


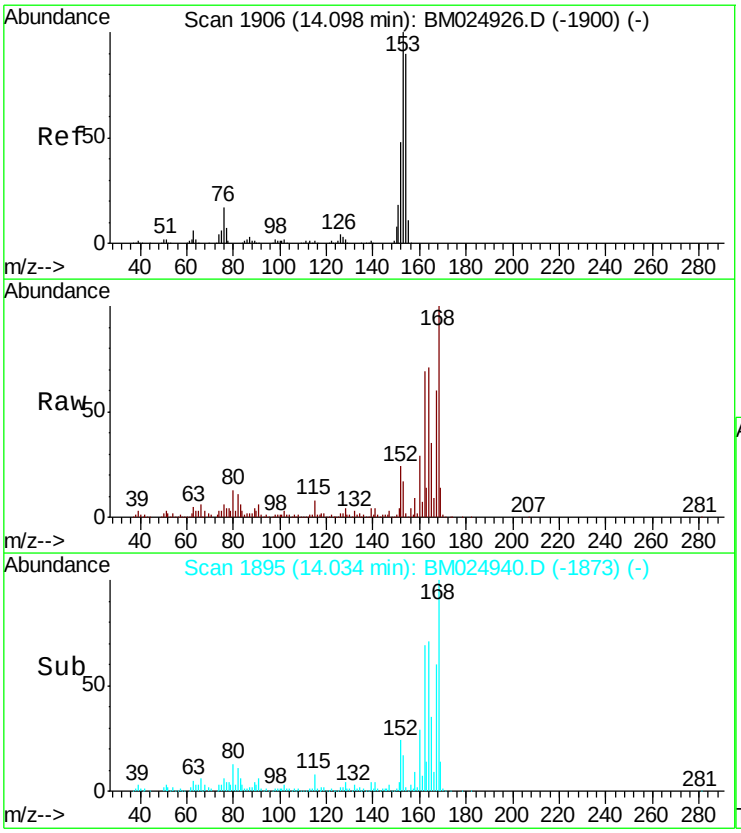
#48
Acenaphthylene
Concen: 4.677 ng/ul
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM024940.D
Acq: 18 Feb 2020 21:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 320222

Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.1	22.7
153	22.0	10.1	15.1#

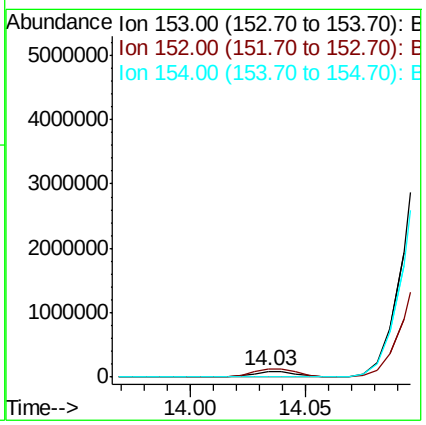


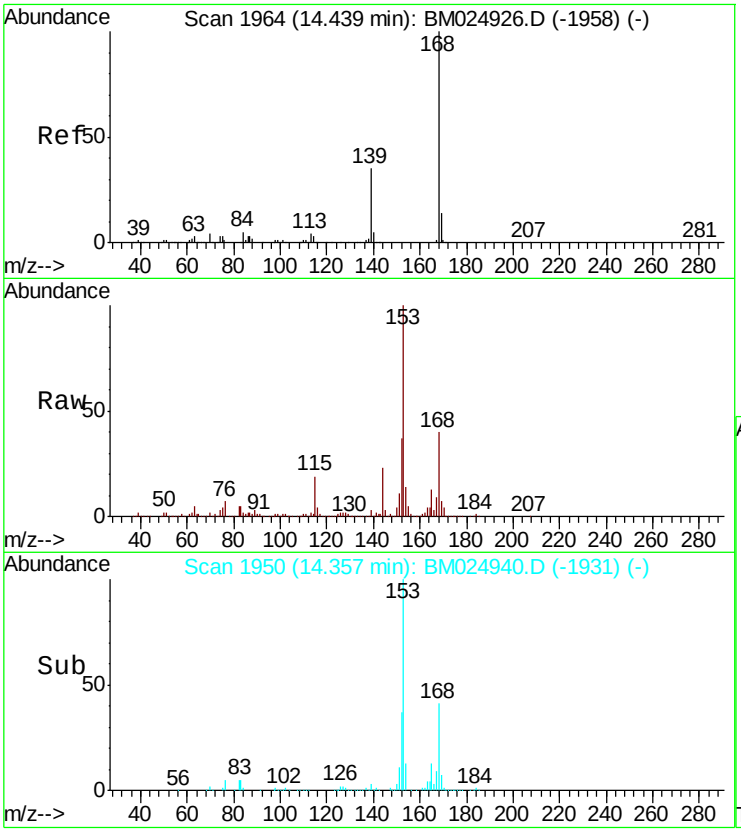


#50
Acenaphthene
Concen: 2.553 ng/ul
RT: 14.03 min Scan# 1895
Delta R.T. -0.07 min
Lab File: BM024940.D
Acq: 18 Feb 2020 21:00

Tgt Ion:153 Resp: 118032

Ion	Ratio	Lower	Upper
153	100		
152	141.3	37.3	55.9#
154	14.7	74.1	111.1#



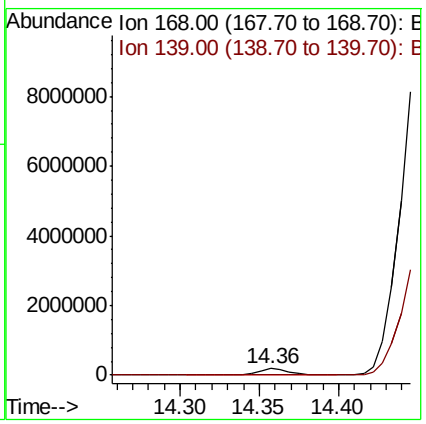


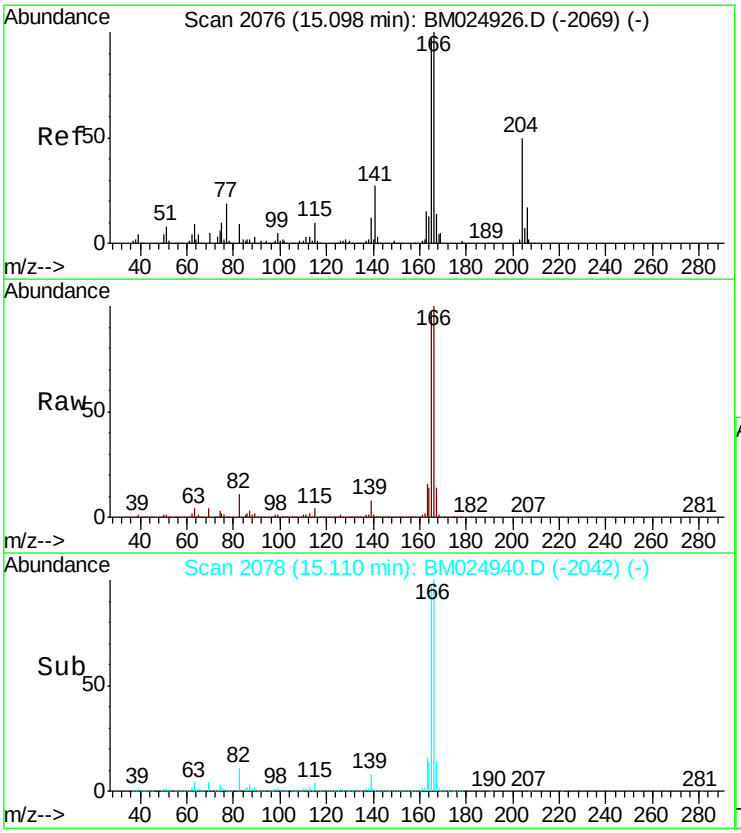
#54
Dibenzofuran
Concen: 3.955 ng/ul
RT: 14.36 min Scan# 1950
Delta R.T. -0.09 min
Lab File: BM024940.D
Acq: 18 Feb 2020 21:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 272579

Ion	Ratio	Lower	Upper
168	100		
139	7.8	27.8	41.8#

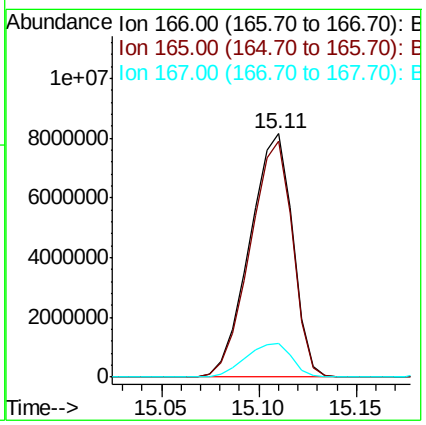


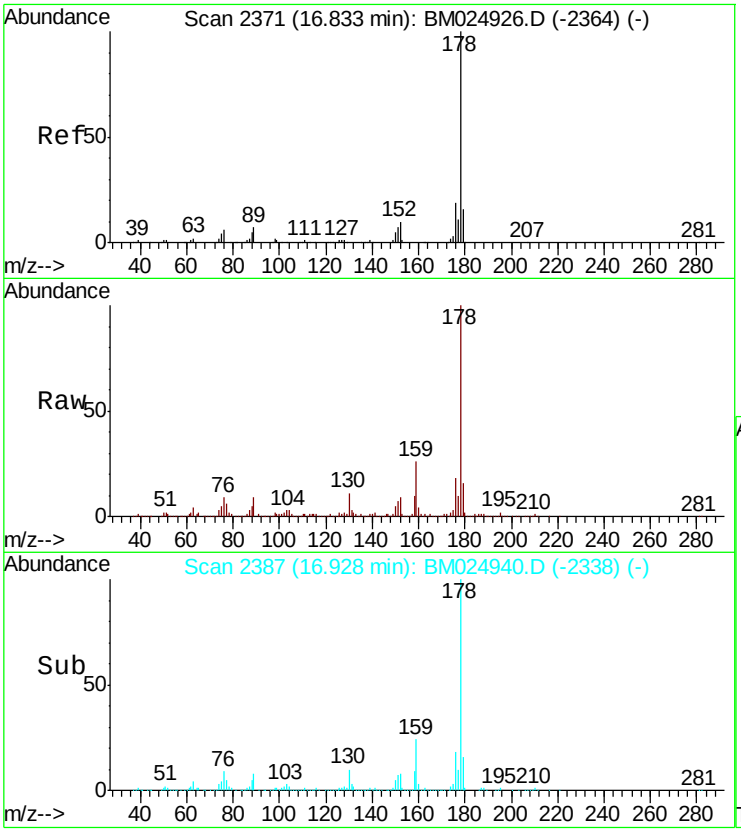


#59
Fluorene
Concen: 218.172 ng/ul
RT: 15.11 min Scan# 2078
Delta R.T. 0.01 min
Lab File: BM024940.D
Acq: 18 Feb 2020 21:00

Tgt Ion:166 Resp:12393507

Ion	Ratio	Lower	Upper
166	100		
165	97.1	75.8	113.8
167	13.9	10.6	16.0



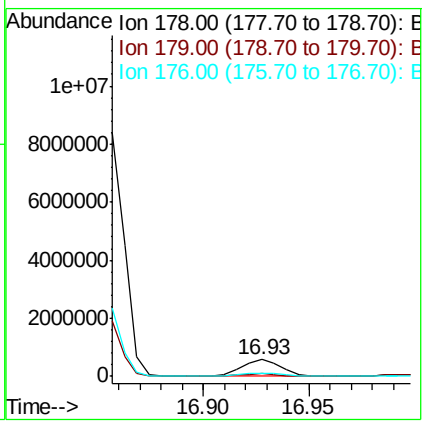


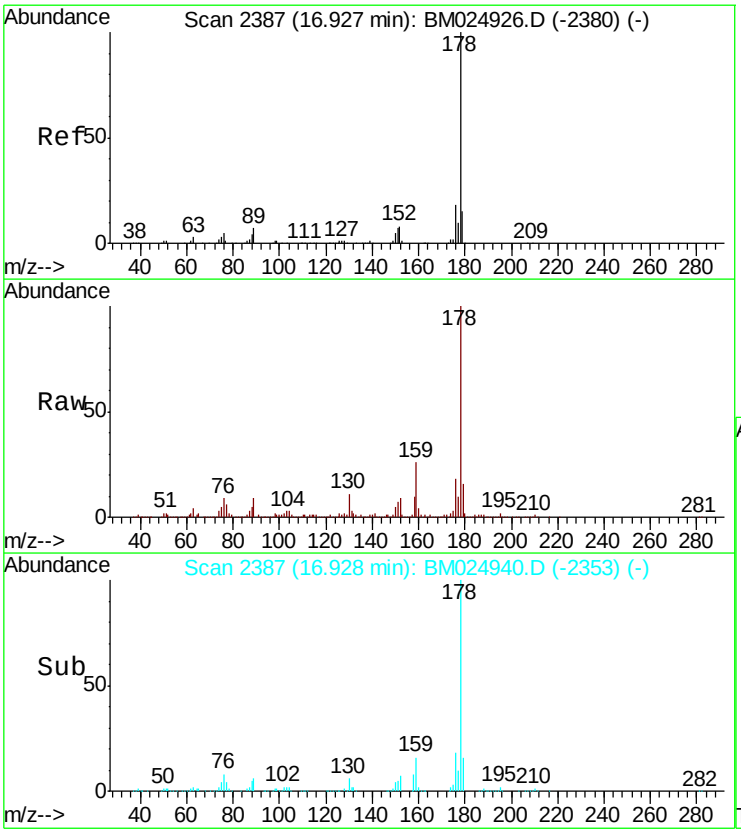
#70
Phenanthrene
Concen: 8.397 ng/ul
RT: 16.93 min Scan# 2387
Delta R.T. 0.09 min
Lab File: BM024940.D
Acq: 18 Feb 2020 21:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 729969

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.2
176	18.4	14.5	21.7

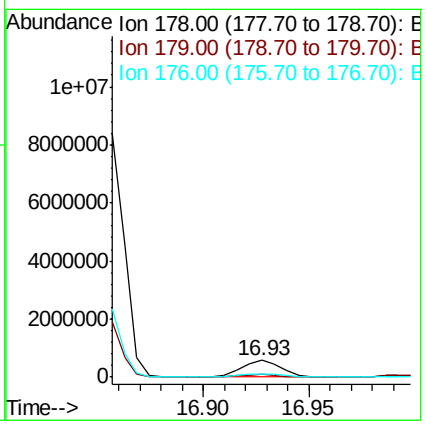


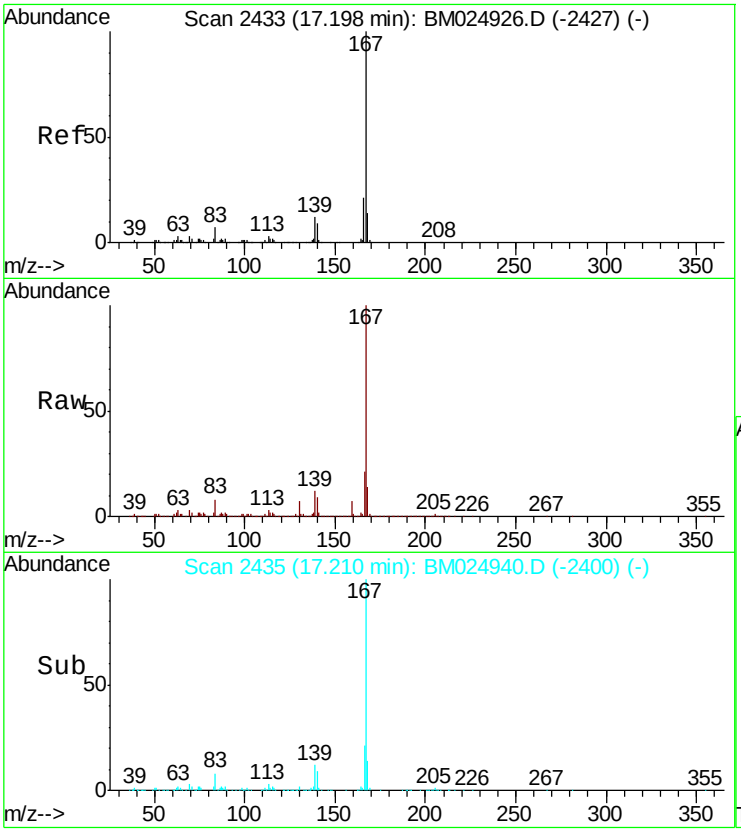


#72
Anthracene
Concen: 8.280 ng/ul
RT: 16.93 min Scan# 2387
Delta R.T. 0.00 min
Lab File: BM024940.D
Acq: 18 Feb 2020 21:00

Tgt Ion:178 Resp: 729969

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	18.4	14.1	21.1



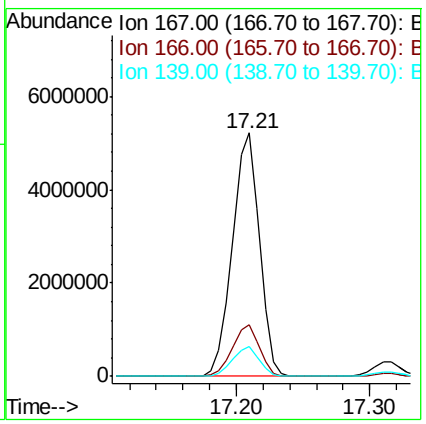


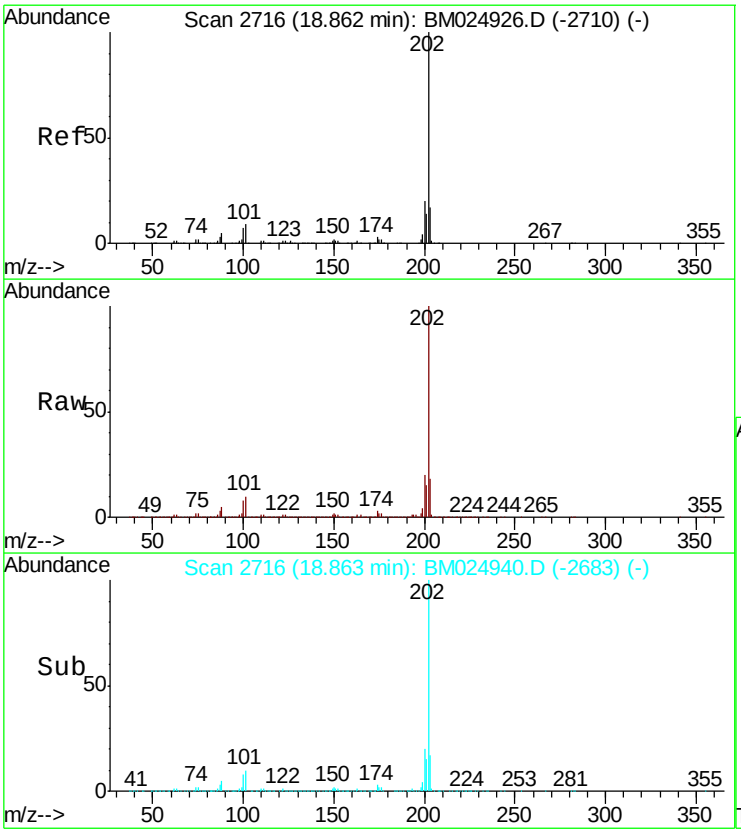
#75
Carbazole
Concen: 100.110 ng/ul
RT: 17.21 min Scan# 2435
Delta R.T. 0.01 min
Lab File: BM024940.D
Acq: 18 Feb 2020 21:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 7352765

Ion	Ratio	Lower	Upper
167	100		
166	21.2	16.6	24.8
139	12.0	9.3	13.9

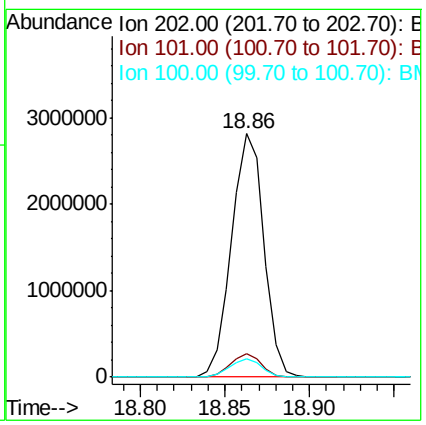


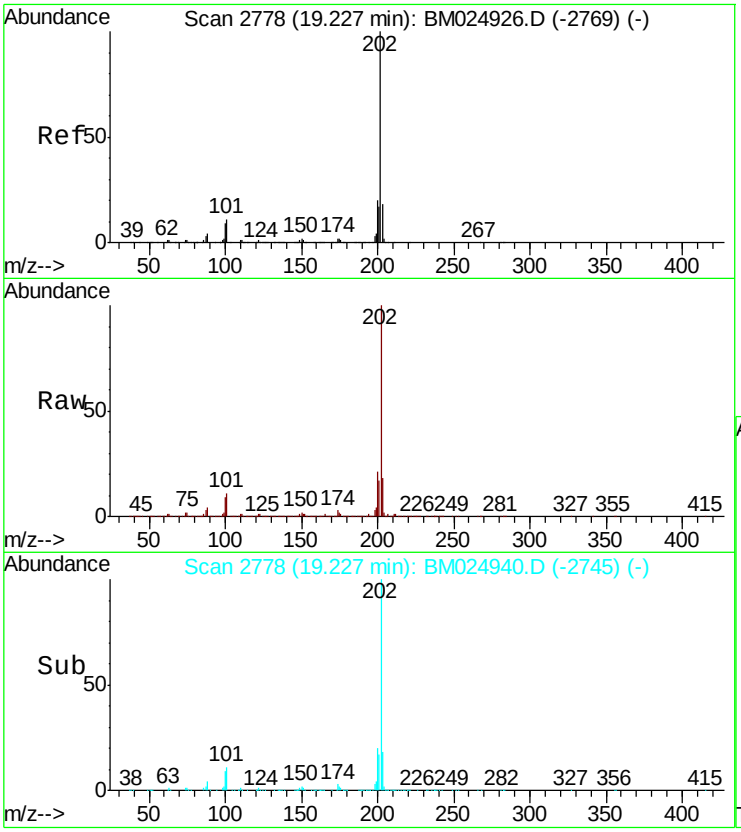


#77
Fluoranthene
Concen: 35.170 ng/ul
RT: 18.86 min Scan# 2716
Delta R.T. -0.01 min
Lab File: BM024940.D
Acq: 18 Feb 2020 21:00

Tgt Ion:202 Resp: 3753172

Ion	Ratio	Lower	Upper
202	100		
101	9.6	6.1	9.1#
100	7.6	4.8	7.2#



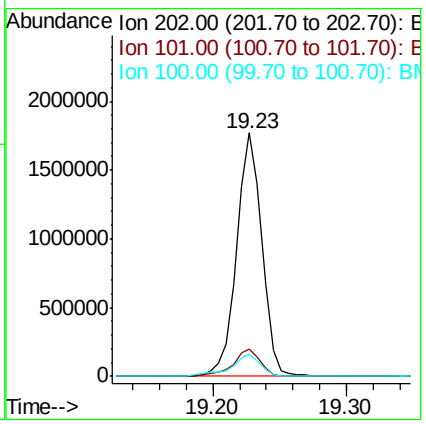


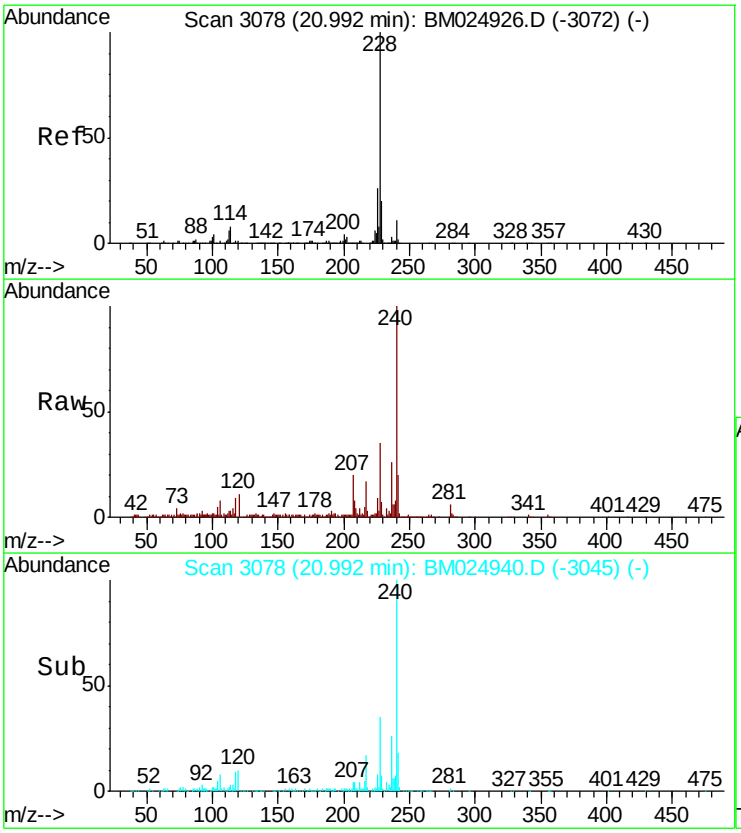
#80
Pyrene
Concen: 21.465 ng/ul
RT: 19.23 min Scan# 2778
Delta R.T. -0.01 min
Lab File: BM024940.D
Acq: 18 Feb 2020 21:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2315807

Ion	Ratio	Lower	Upper
202	100		
101	11.0	7.0	10.4#
100	9.3	5.8	8.8#

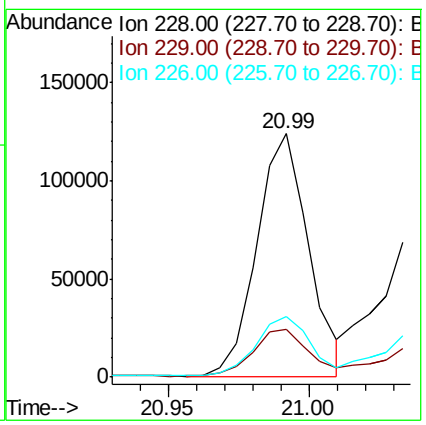


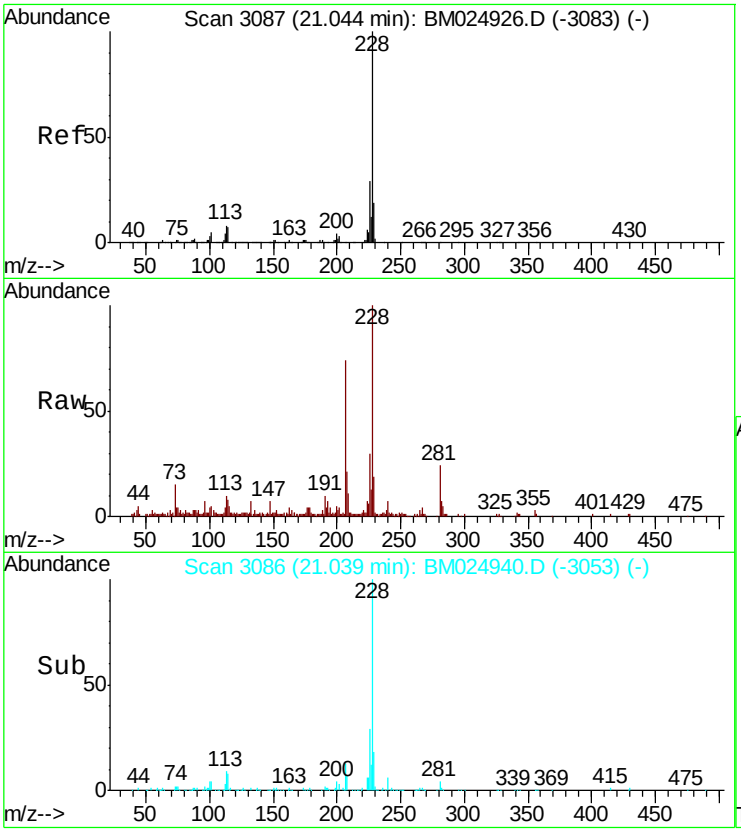


#83
Benzo(a)anthracene
Concen: 1.430 ng/ul
RT: 20.99 min Scan# 3078
Delta R.T. -0.01 min
Lab File: BM024940.D
Acq: 18 Feb 2020 21:00

Tgt Ion:228 Resp: 157036

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.9	23.9
226	24.6	20.8	31.2





#85
Chrysene
Concen: 1.334 ng/ul
RT: 21.04 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BM024940.D
Acq: 18 Feb 2020 21:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 144212

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.0	34.4
229	18.7	15.8	23.8