Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026100.D
Acq On : 23 May 2020 04:17
Operator : MA/SJ
Sample : L2737-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 23 05:40:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 22 13:18:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	216271	20.00	ng/ul	0.00
18) Naphthalene-d8	10.31	136	791956	20.00	ng/ul	0.06
36) Acenaphthene-d10	14.14	164	515385	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1039649	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1026671	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1070323	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	56093	7.82	ng/uL	0.00
5) Phenol-d5	6.69	99	135071	6.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	391930	28.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	371173	24.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	249431	16.87	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	241610	37.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	257214	40.27	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.93	165	420762	32.81	ng/ul	0.04
29) 4-Chloroaniline-d4	10.47	131	50941	3.92	ng/ul	0.07
44) Dimethylphthalate-d6	13.57	166	1371984	33.20	ng/ul	0.01
47) Acenaphthylene-d8	13.83	160	1631072	33.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	56212	7.68	ng/ul	0.02
58) Fluorene-d10	15.14	176	1200372	33.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	200127	33.01	ng/ul	0.01
71) Anthracene-d10	16.99	188	1806878	35.27	ng/ul	0.01
79) Pyrene-d10	19.29	212	1978560	37.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1911321	33.55	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.72	94	388030	17.643	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.94	93	30879	1.825	ng/ul#	19
11) 2-Methylphenol	7.95	108	681043	44.944	ng/ul	99
14) Acetophenone	8.32	105	73763	2.974	ng/ul#	82
16) 4-Methylphenol	8.27	108	956445	58.038	ng/ul	90
20) Nitrobenzene	8.73	77	31969	1.612	ng/ul#	28
24) 2,4-Dimethylphenol	9.49	107	2401021	135.382	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.72	93	182619	8.779	ng/ul#	1
30) 4-Chloroaniline	10.39	127	18969411	1396.231	ng/ul#	13
33) 4-Chloro-3-methylphenol	11.63	107	24794	1.610	ng/ul#	27
34) 2-Methylnaphthalene	11.95	142	13681273	420.074	ng/ul	99
35) 1-Methylnaphthalene	12.17	142	8167490	270.302	ng/ul	99
41) 1,1'-Biphenyl	12.96	154	3107648	67.954	ng/ul	99
45) Dimethylphthalate	13.62	163	110867	2.555	ng/ul	100
48) Acenaphthylene	13.86	152	187961	3.496	ng/ul#	74
50) Acenaphthene	14.22	153	13118165	346.020	ng/ul	96
54) Dibenzofuran	14.55	168	10738242	201.548	ng/ul	98
59) Fluorene	15.20	166	7586599	176.028	ng/ul	100
61) 4-Nitroaniline	15.20	138	88410	9.986	ng/ul#	21
70) Phenanthrene	16.94	178	11847560	180.911	ng/ul	97
72) Anthracene	17.02	178	868599	13.220	ng/ul	98
75) Carbazole	17.32	167	13649821	251.122	ng/ul	97
77) Fluoranthene	18.96	202	2024041	29.464	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026100.D
Acq On : 23 May 2020 04:17
Operator : MA/SJ
Sample : L2737-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 23 05:40:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 22 13:18:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Pyrene	19.32	202	1216926	16.884	ng/ul	98
83) Benzo(a)anthracene	21.07	228	90933	1.285	ng/ul	95
85) Chrysene	21.07	228	91616	1.303	ng/ul	98

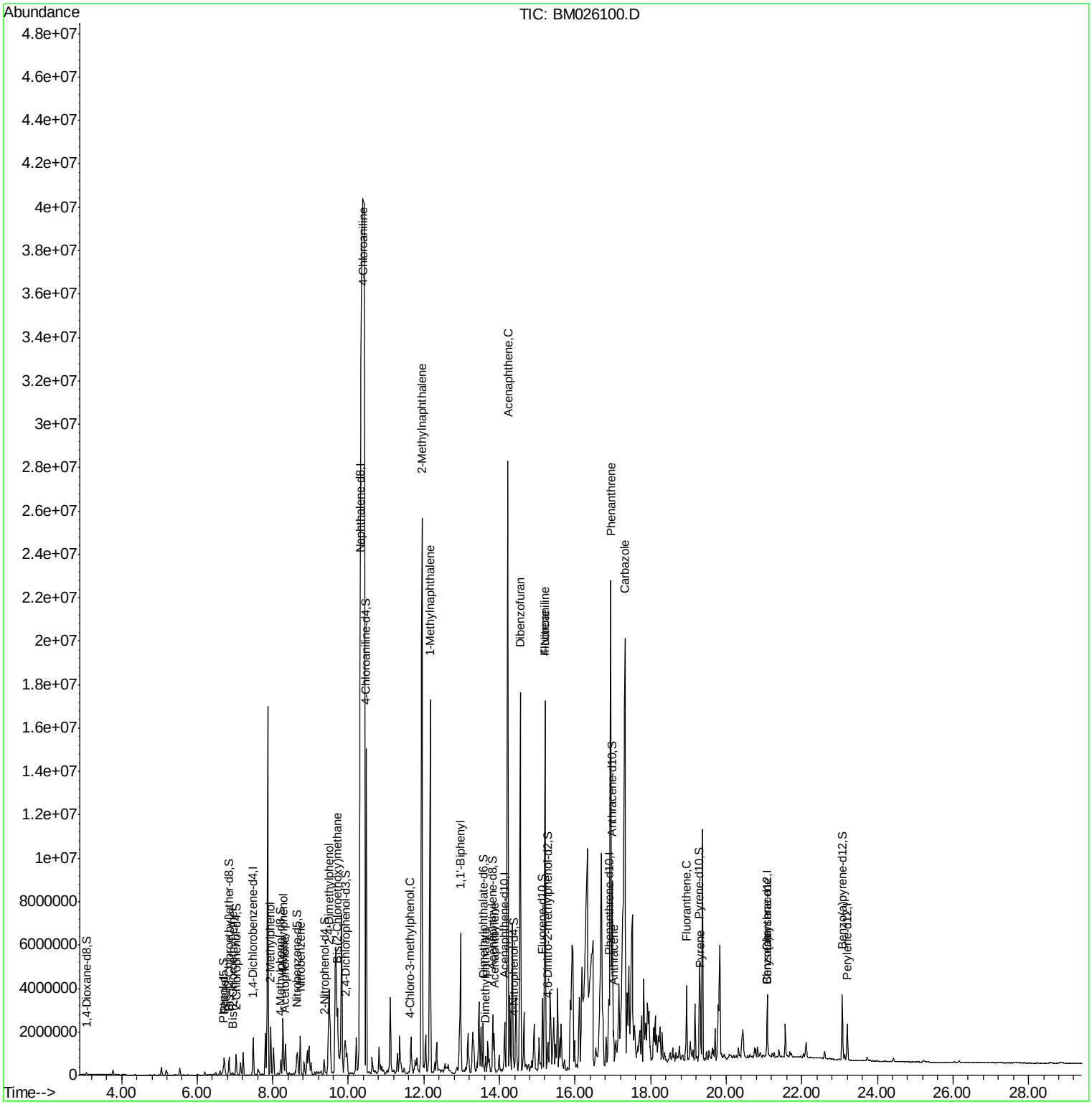
(#) = qualifier out of range (m) = manual integration (+) = signals summed

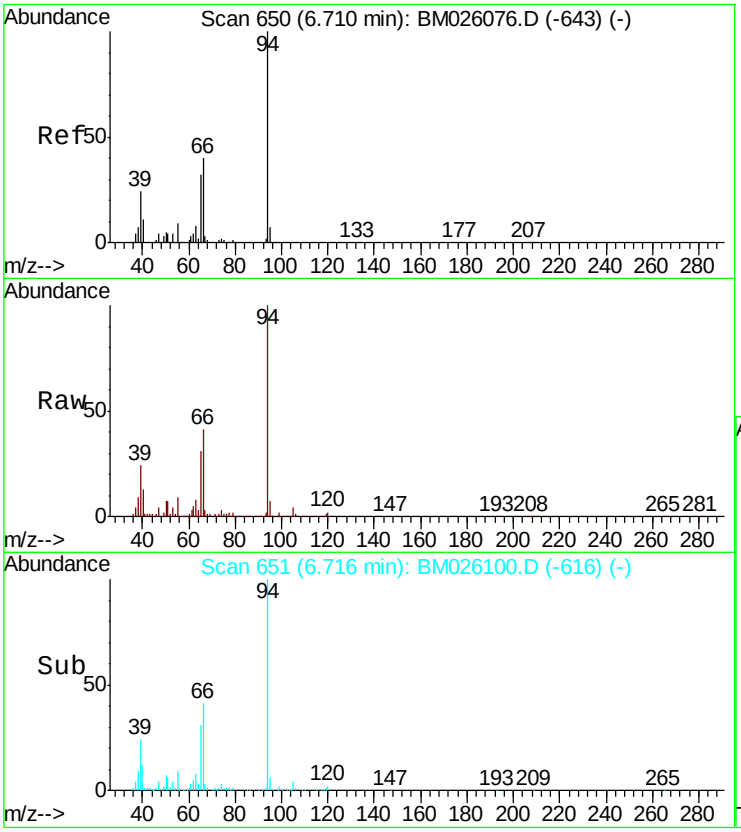
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026100.D
Acq On : 23 May 2020 04:17
Operator : MA/SJ
Sample : L2737-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 23 05:40:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 22 13:18:41 2020
Response via : Initial Calibration



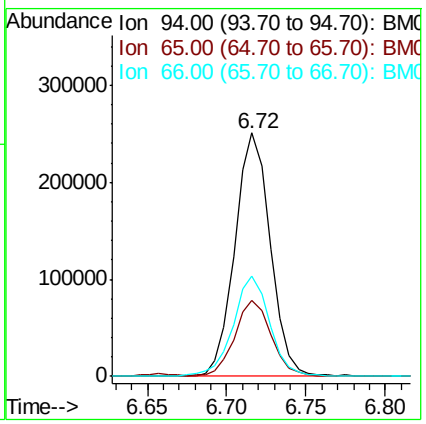


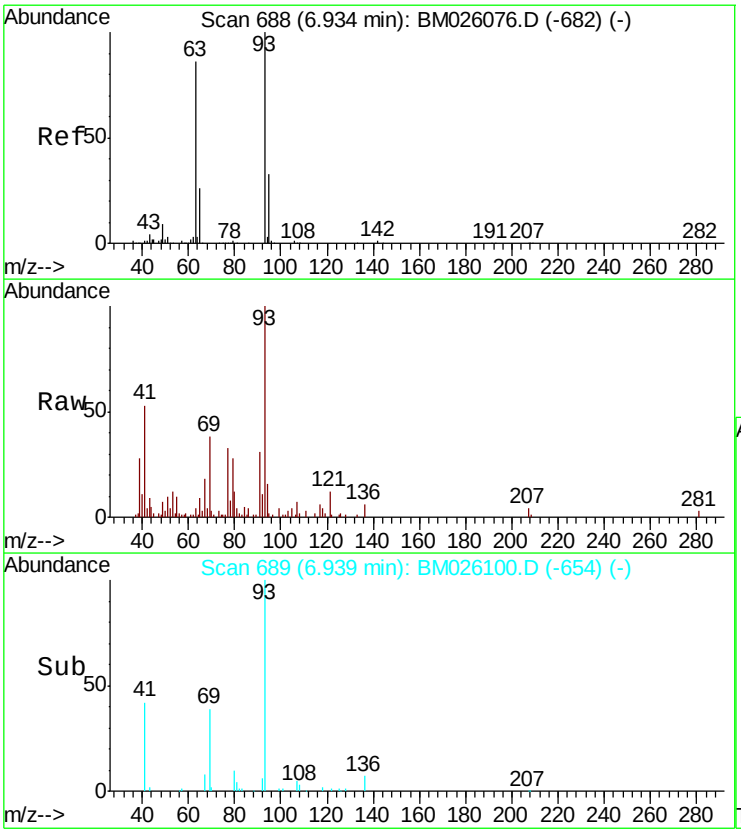
#6
Phenol
Concen: 17.643 ng/ul
RT: 6.72 min Scan# 651
Delta R.T. 0.01 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 388030

Ion	Ratio	Lower	Upper
94	100		
65	31.0	25.8	38.8
66	41.2	33.3	49.9

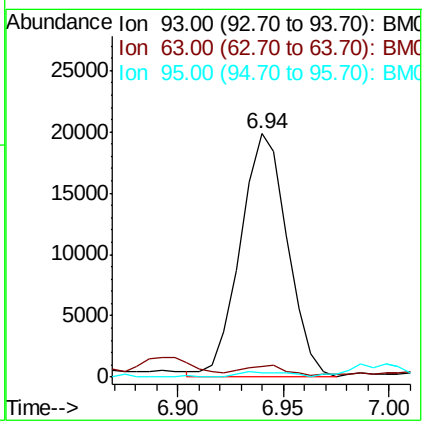


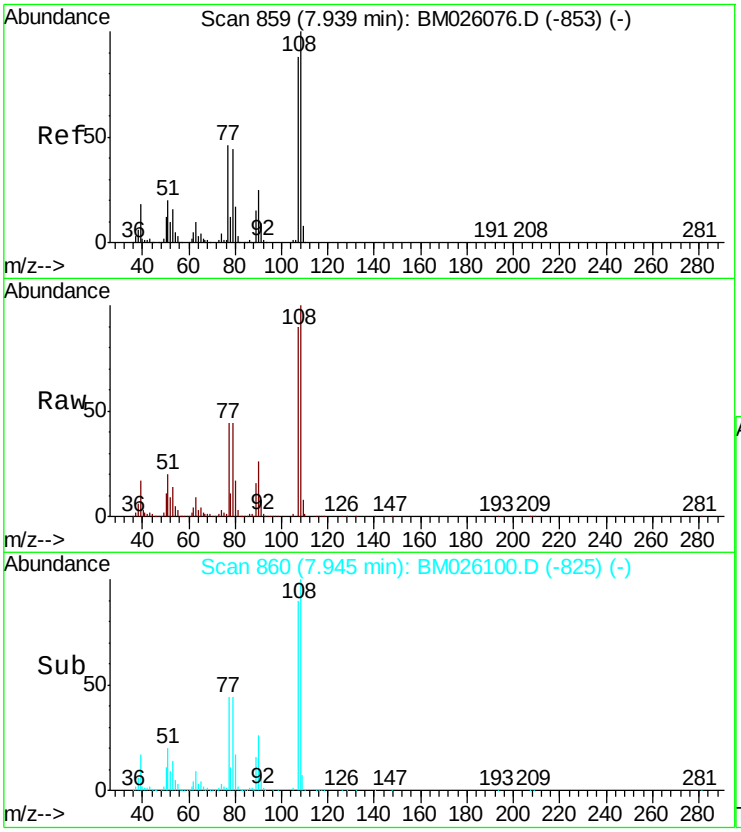


#8
Bis(2-Chloroethyl)ether
Concen: 1.825 ng/ul
RT: 6.94 min Scan# 689
Delta R.T. 0.01 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Tgt Ion: 93 Resp: 30879

Ion	Ratio	Lower	Upper
93	100		
63	4.1	70.7	106.1#
95	1.9	26.2	39.4#



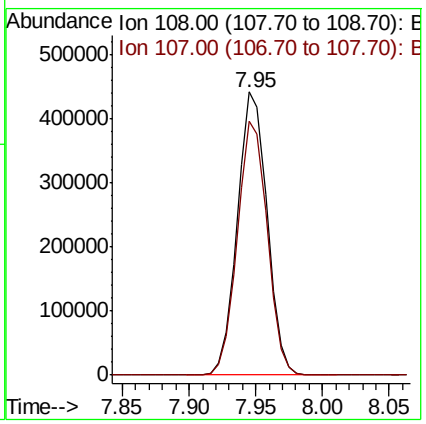


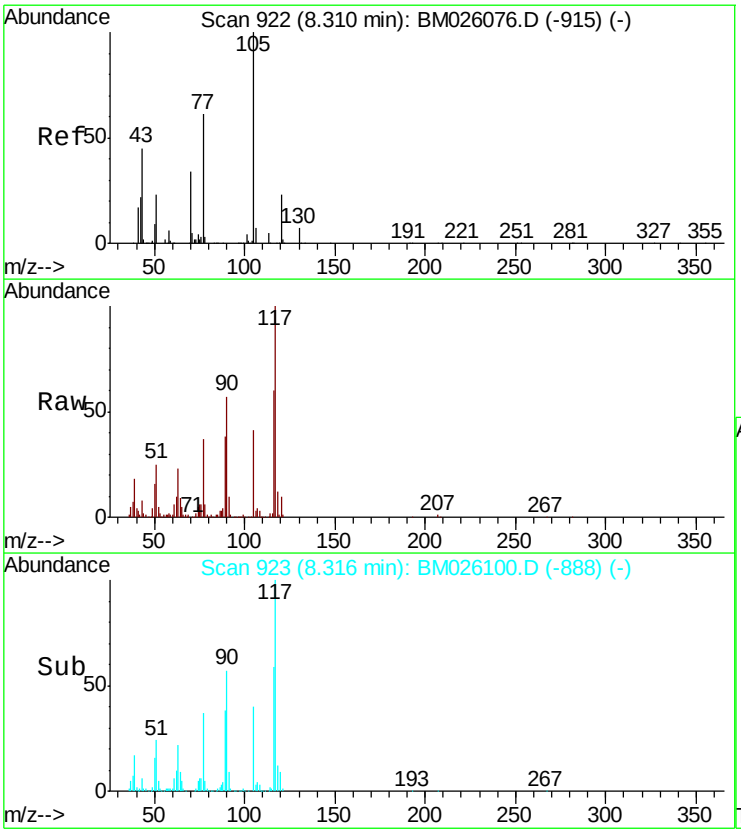
#11
2-Methylphenol
Concen: 44.944 ng/ul
RT: 7.95 min Scan# 860
Delta R.T. 0.01 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 681043

Ion	Ratio	Lower	Upper
108	100		
107	89.6	72.3	108.5

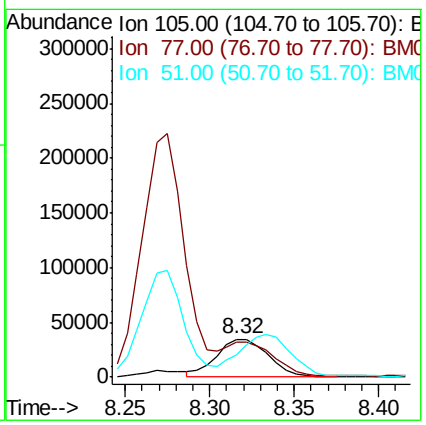


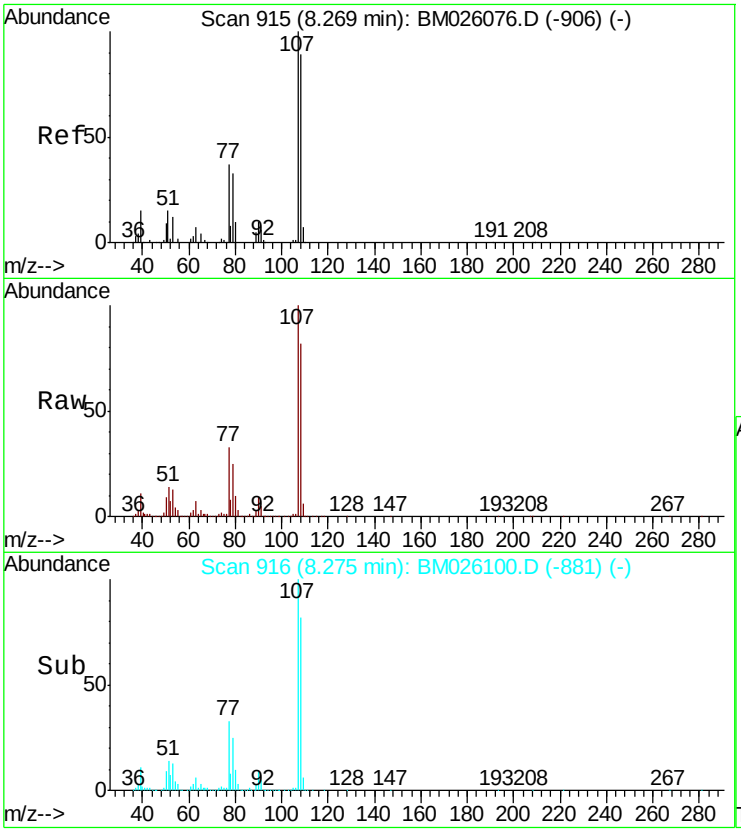


#14
Acetophenone
Concen: 2.974 ng/ul
RT: 8.32 min Scan# 923
Delta R.T. 0.01 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Tgt Ion:105 Resp: 73763

Ion	Ratio	Lower	Upper
105	100		
77	90.8	67.2	100.8
51	59.9	27.4	41.0#



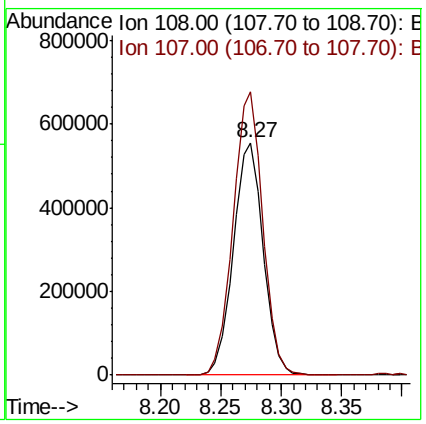


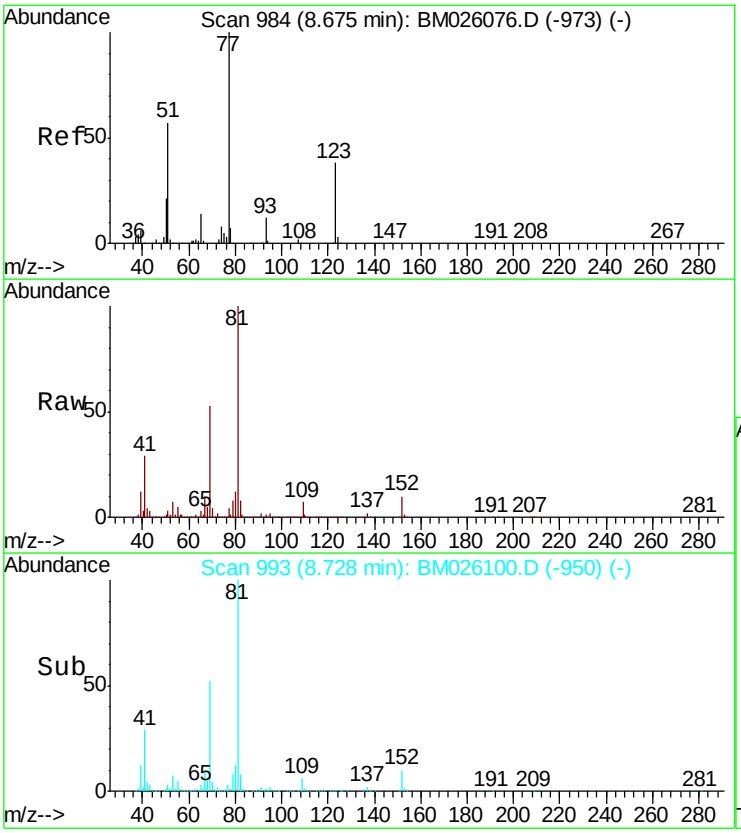
#16
4-Methylphenol
Concen: 58.038 ng/ul
RT: 8.27 min Scan# 916
Delta R.T. 0.01 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 956445

Ion	Ratio	Lower	Upper
108	100		
107	121.7	88.6	132.8

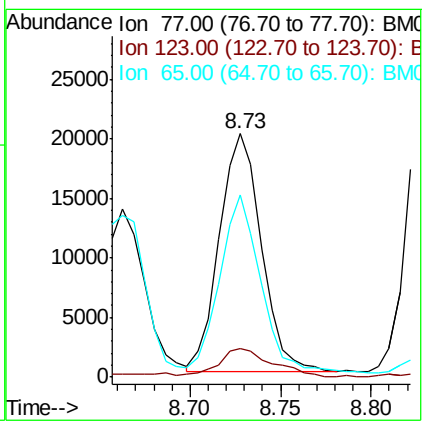


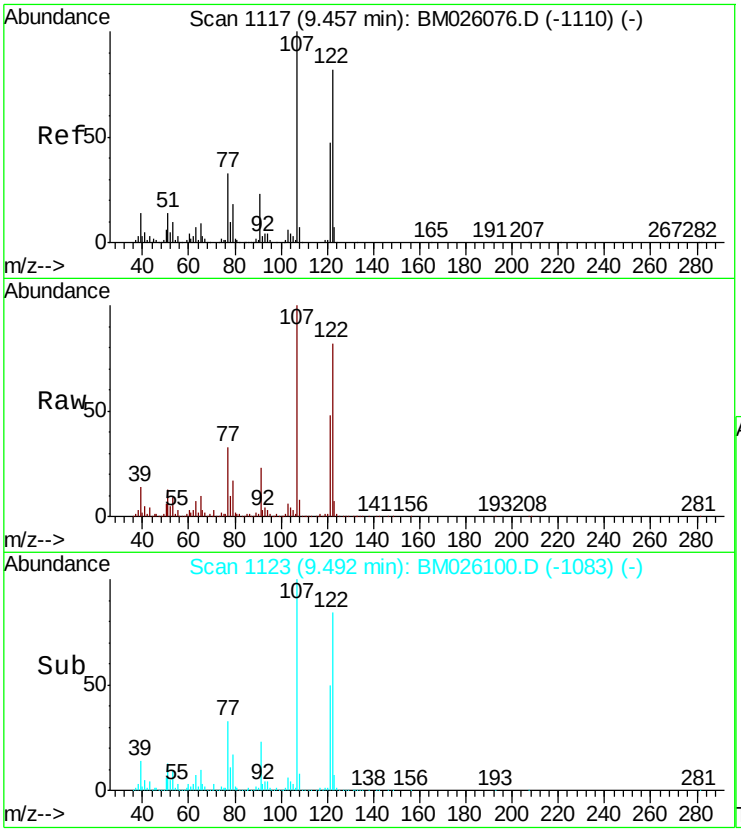


#20
Nitrobenzene
Concen: 1.612 ng/ul
RT: 8.73 min Scan# 993
Delta R.T. 0.05 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Tgt Ion: 77 Resp: 31969

Ion	Ratio	Lower	Upper
77	100		
123	11.5	29.5	44.3#
65	74.9	11.0	16.4#



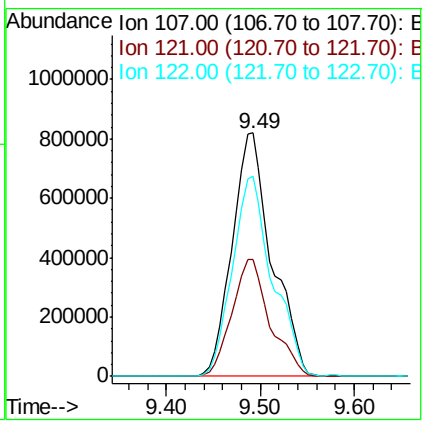


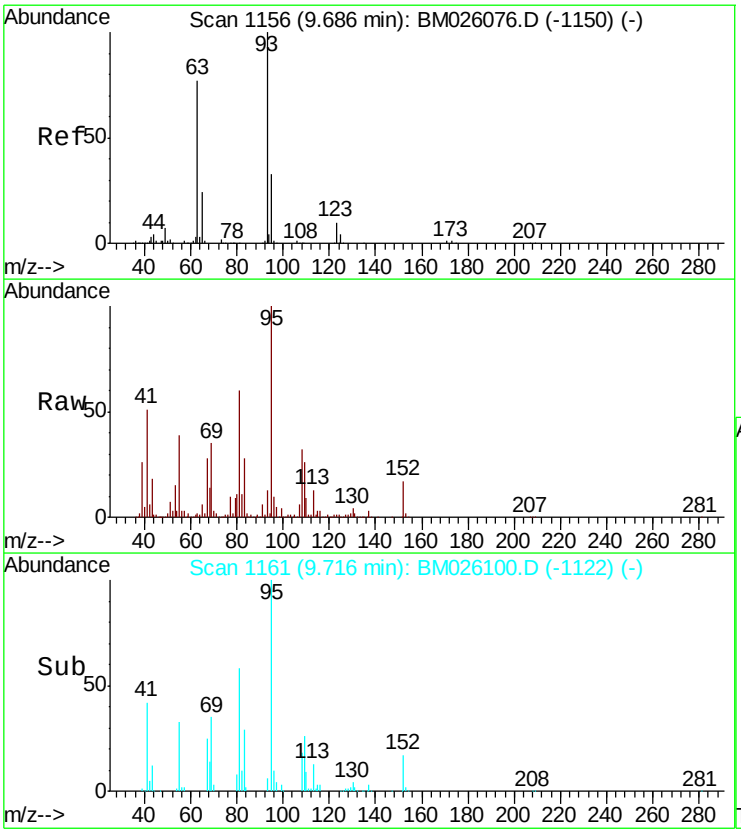
#24
2,4-Dimethylphenol
Concen: 135.382 ng/ul
RT: 9.49 min Scan# 1123
Delta R.T. 0.04 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 2401021

Ion	Ratio	Lower	Upper
107	100		
121	48.1	37.5	56.3
122	82.2	63.8	95.6

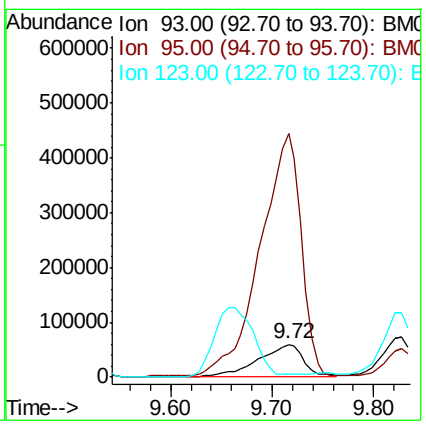


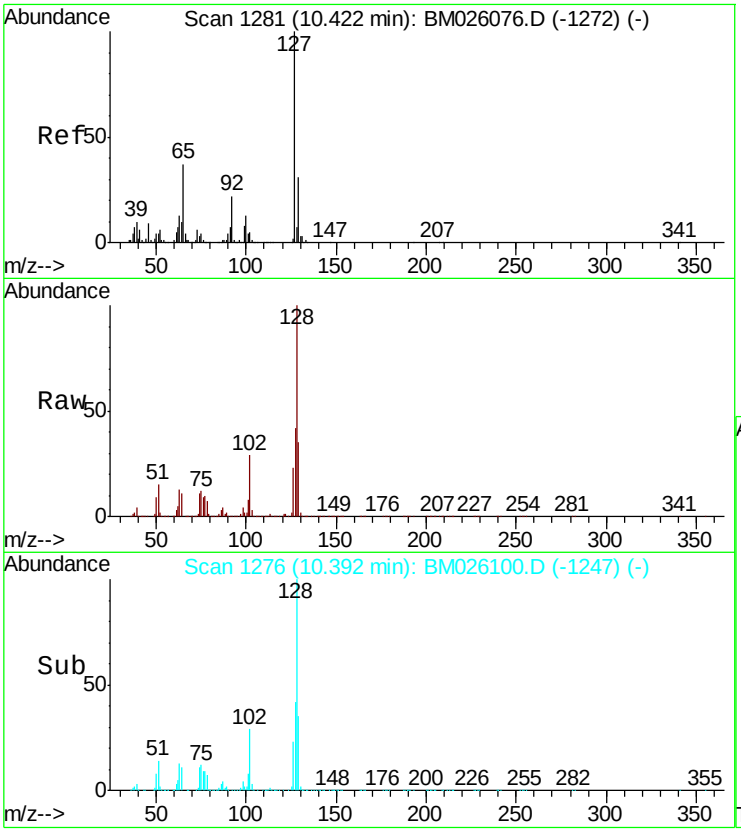


#25
Bis(2-Chloroethoxy)methane
Concen: 8.779 ng/ul
RT: 9.72 min Scan# 1161
Delta R.T. 0.03 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Tgt Ion: 93 Resp: 182619

Ion	Ratio	Lower	Upper
93	100		
95	742.8	25.5	38.3#
123	8.5	8.6	12.8#



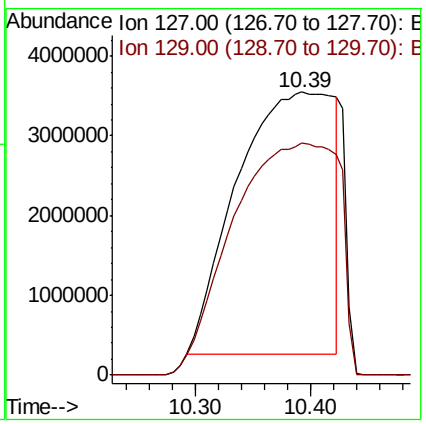


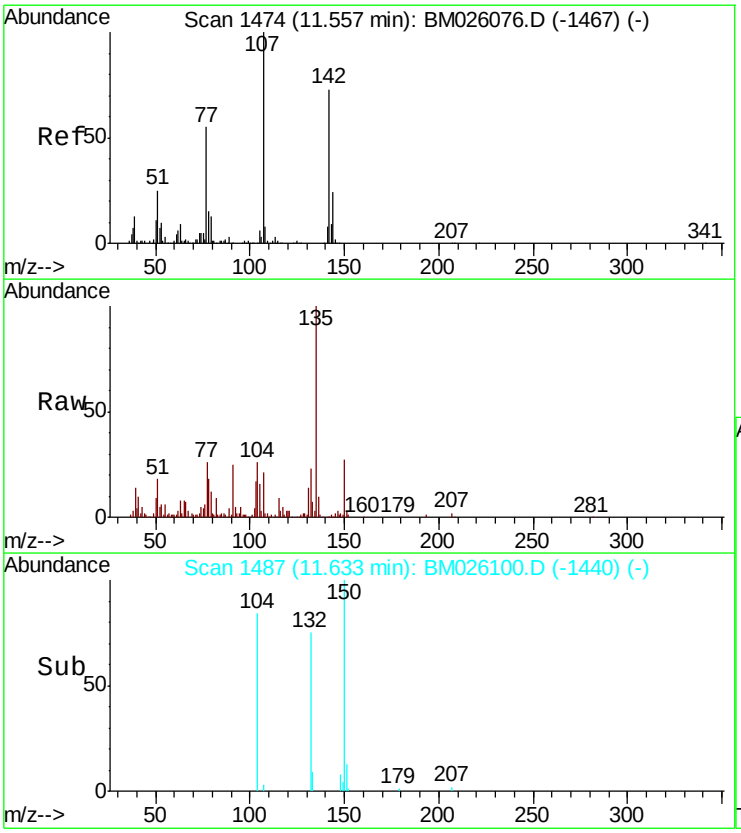
#30
4-Chloroaniline
Concen: 1396.231 ng/ul
RT: 10.39 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp:18969411

Ion	Ratio	Lower	Upper
127	100		
129	81.9	26.2	39.2#

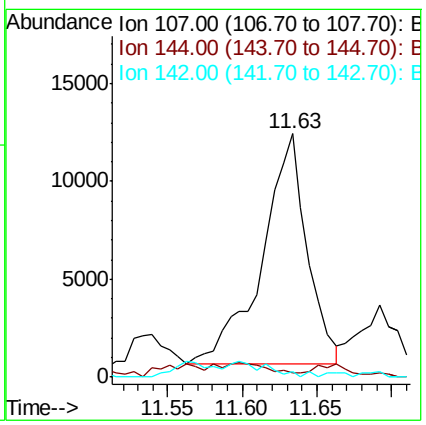


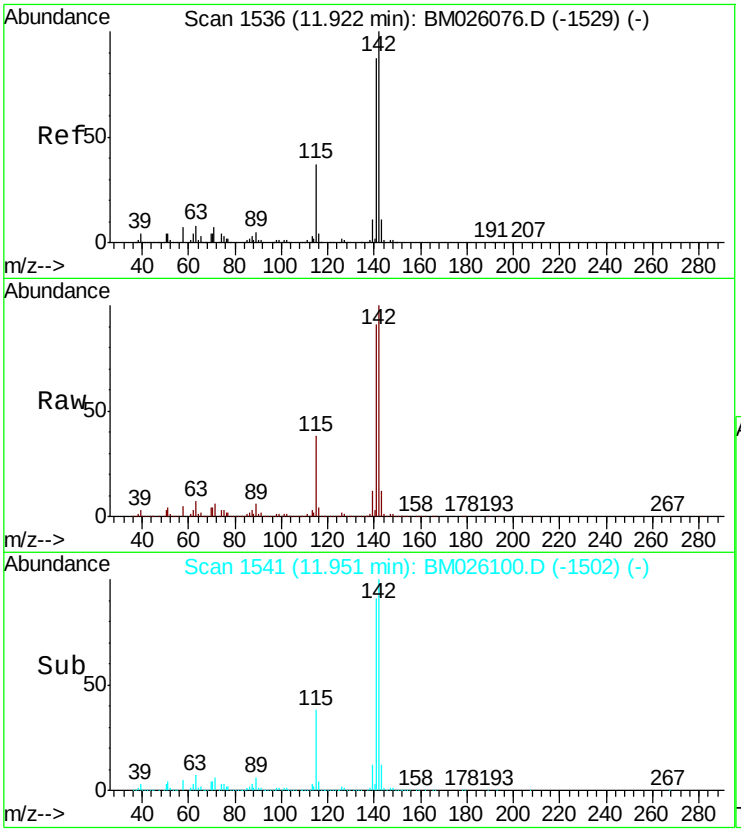


#33
4-Chloro-3-methylphenol
Concen: 1.610 ng/ul
RT: 11.63 min Scan# 1487
Delta R.T. 0.08 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Tgt Ion:107 Resp: 24794

Ion	Ratio	Lower	Upper
107	100		
144	1.5	18.1	27.1#
142	2.1	56.0	84.0#



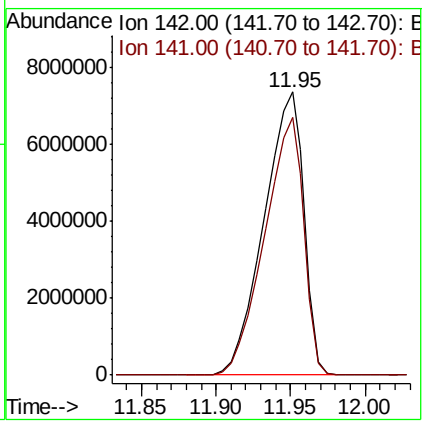


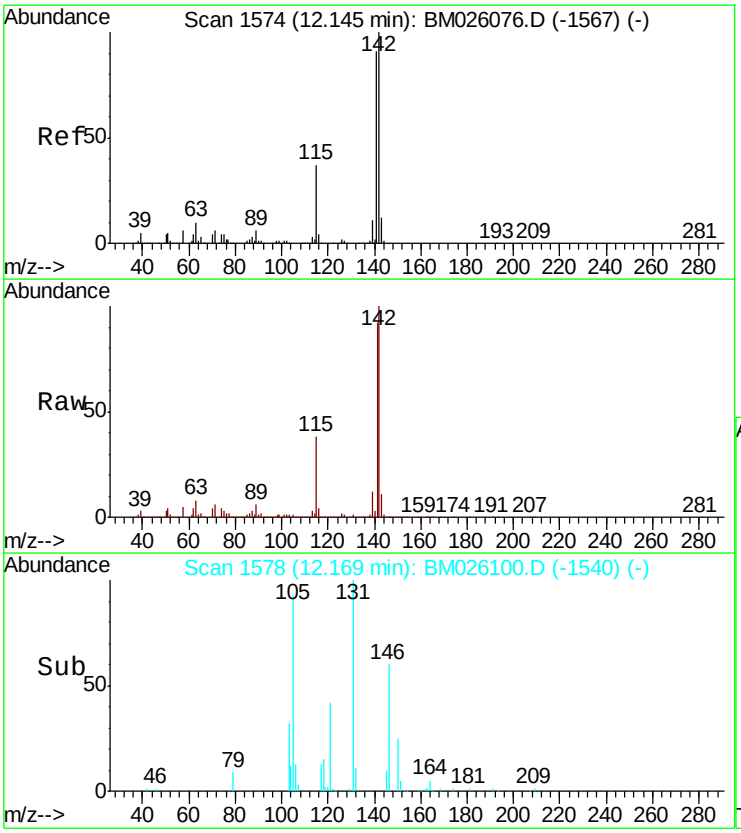
#34
2-Methylnaphthalene
Concen: 420.074 ng/ul
RT: 11.95 min Scan# 1541
Delta R.T. 0.03 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp:13681273

Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.8	107.6

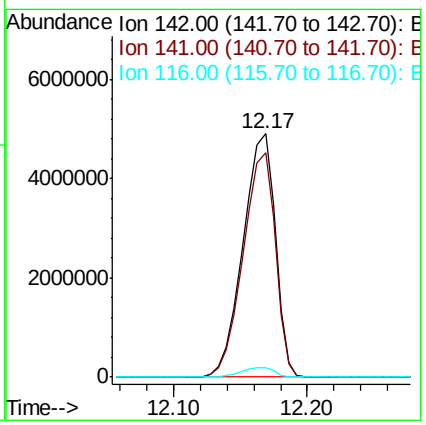


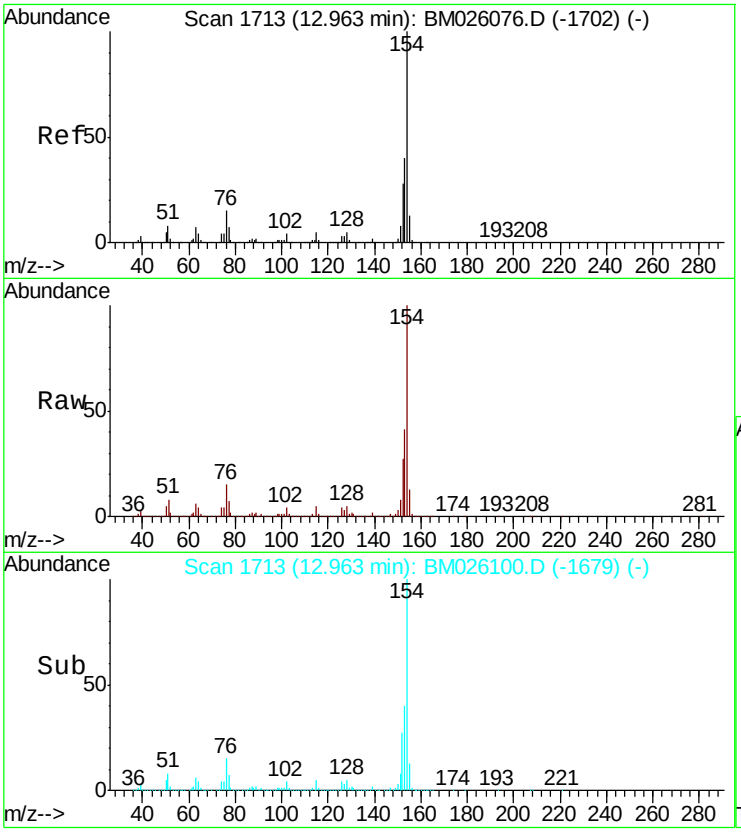


#35
1-Methylnaphthalene
Concen: 270.302 ng/ul
RT: 12.17 min Scan# 1578
Delta R.T. 0.02 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Tgt Ion:142 Resp: 8167490

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.0	109.4
116	4.1	3.3	4.9



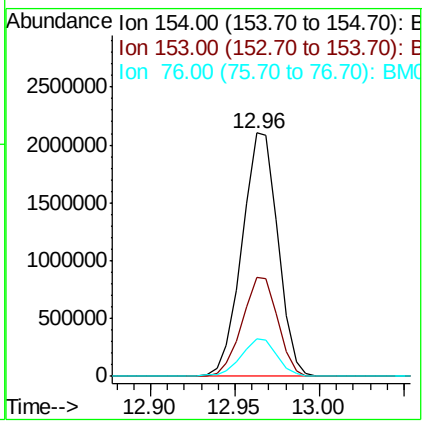


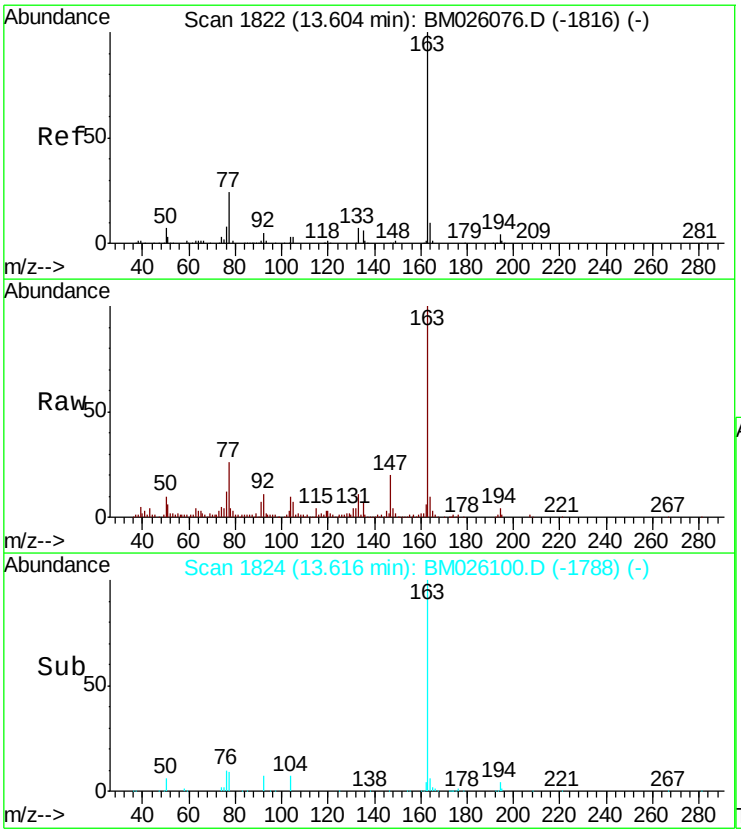
#41
1,1'-Biphenyl
Concen: 67.954 ng/ul
RT: 12.96 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 3107648

Ion	Ratio	Lower	Upper
154	100		
153	40.5	32.3	48.5
76	15.2	13.0	19.6

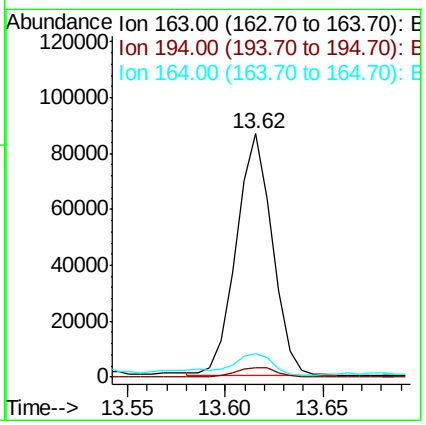


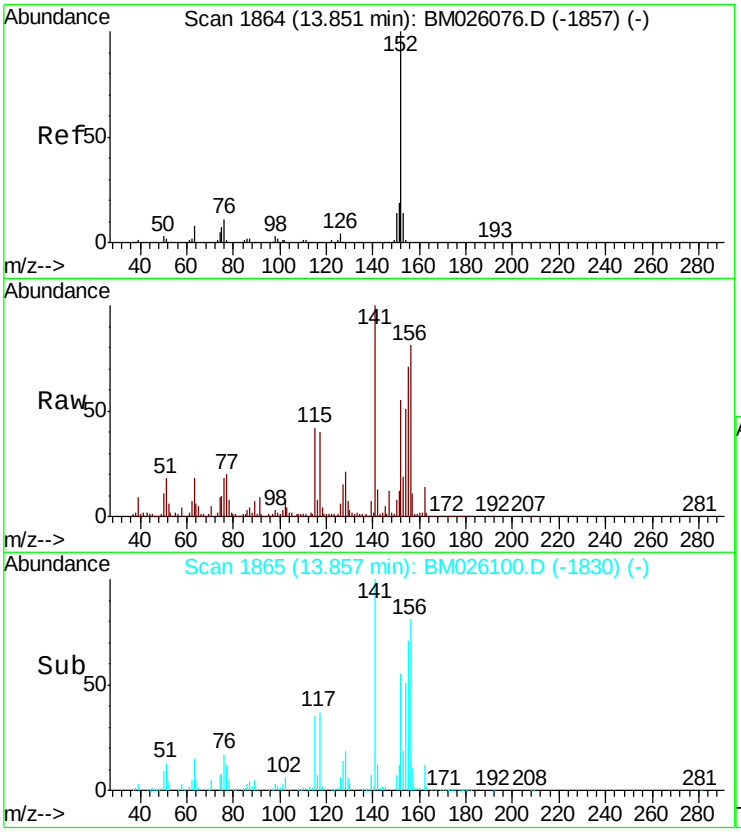


#45
Dimethylphthalate
Concen: 2.555 ng/ul
RT: 13.62 min Scan# 1824
Delta R.T. 0.01 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Tgt Ion:163 Resp: 110867

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.8	8.0	12.0



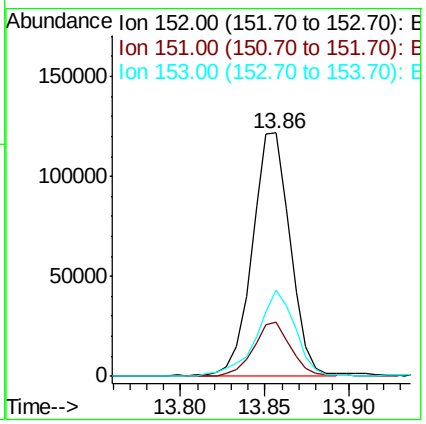


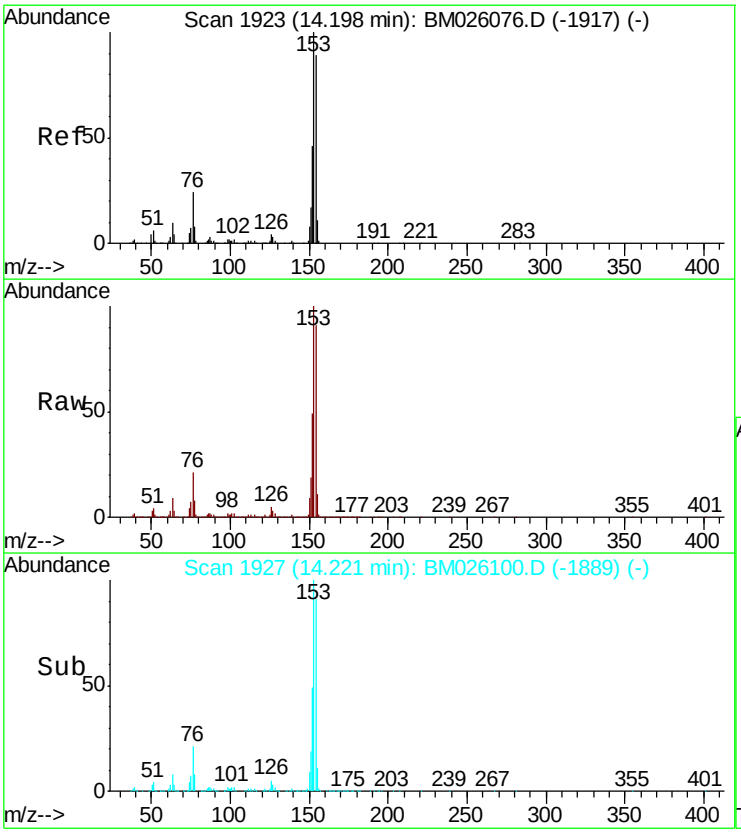
#48
Acenaphthylene
Concen: 3.496 ng/ul
RT: 13.86 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 187961

Ion	Ratio	Lower	Upper
152	100		
151	22.1	15.7	23.5
153	35.2	10.2	15.2#

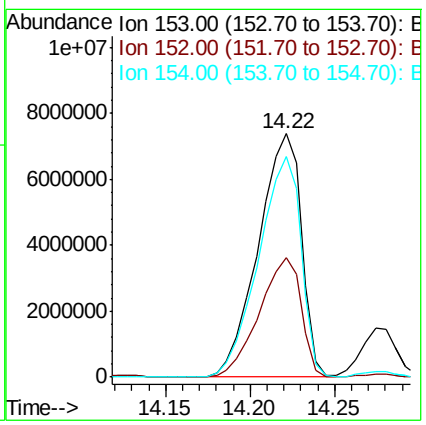


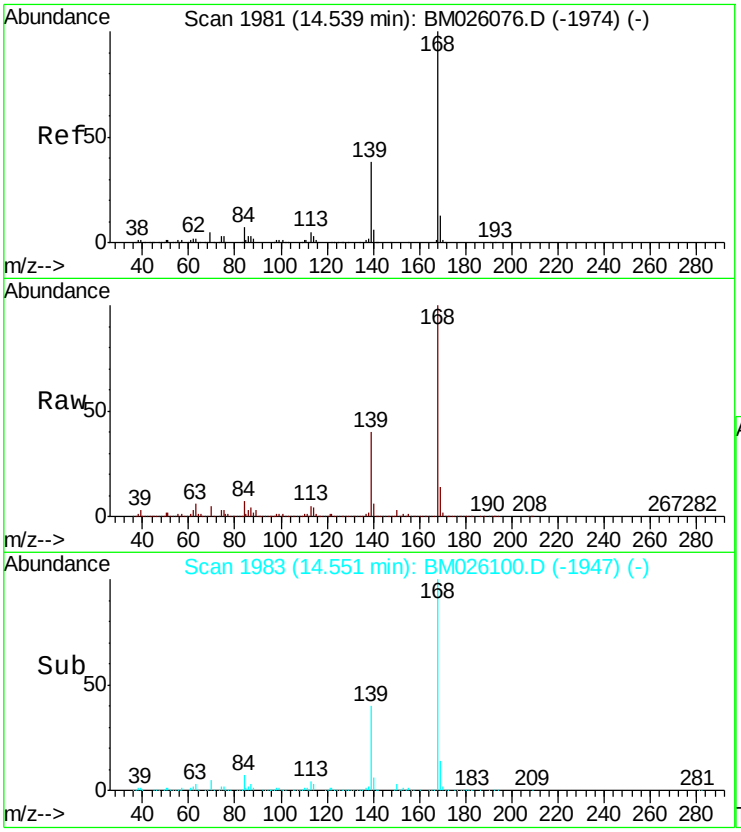


#50
Acenaphthene
Concen: 346.020 ng/ul
RT: 14.22 min Scan# 1927
Delta R.T. 0.02 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Tgt Ion:153 Resp:13118165

Ion	Ratio	Lower	Upper
153	100		
152	49.2	37.2	55.8
154	90.7	69.8	104.8



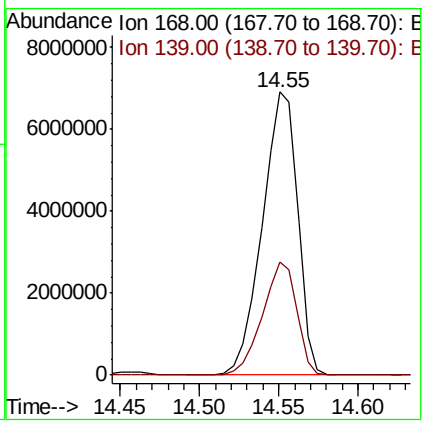


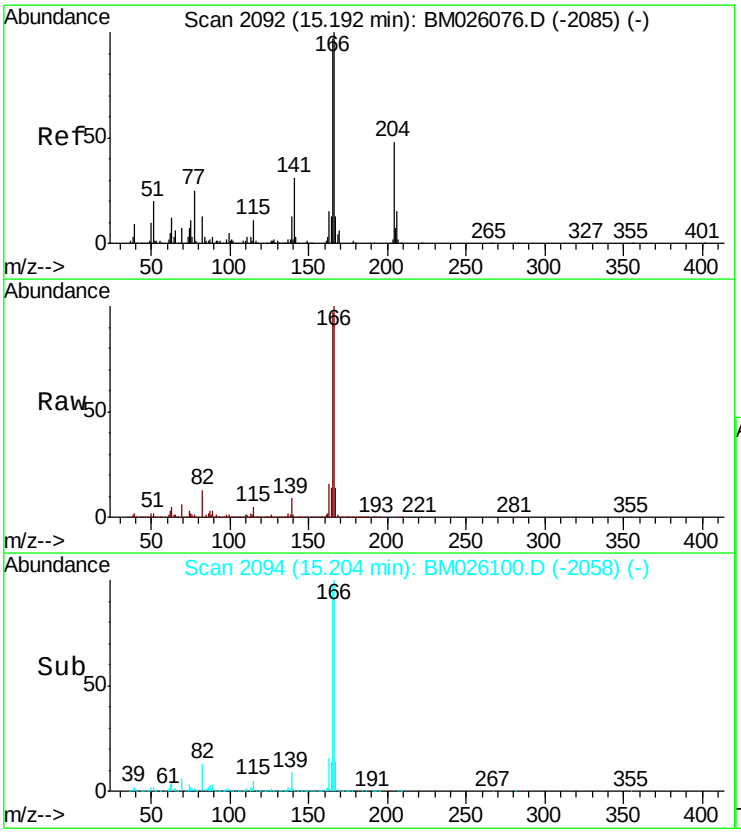
#54
Dibenzofuran
Concen: 201.548 ng/ul
RT: 14.55 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp:10738242

Ion	Ratio	Lower	Upper
168	100		
139	39.8	30.7	46.1

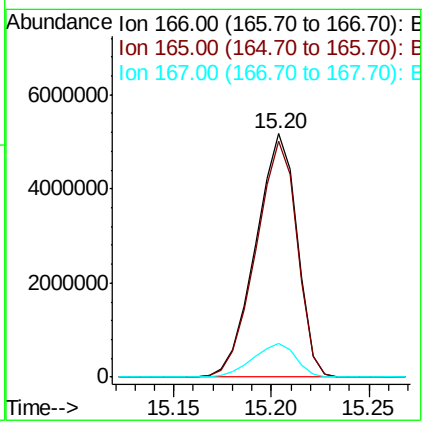


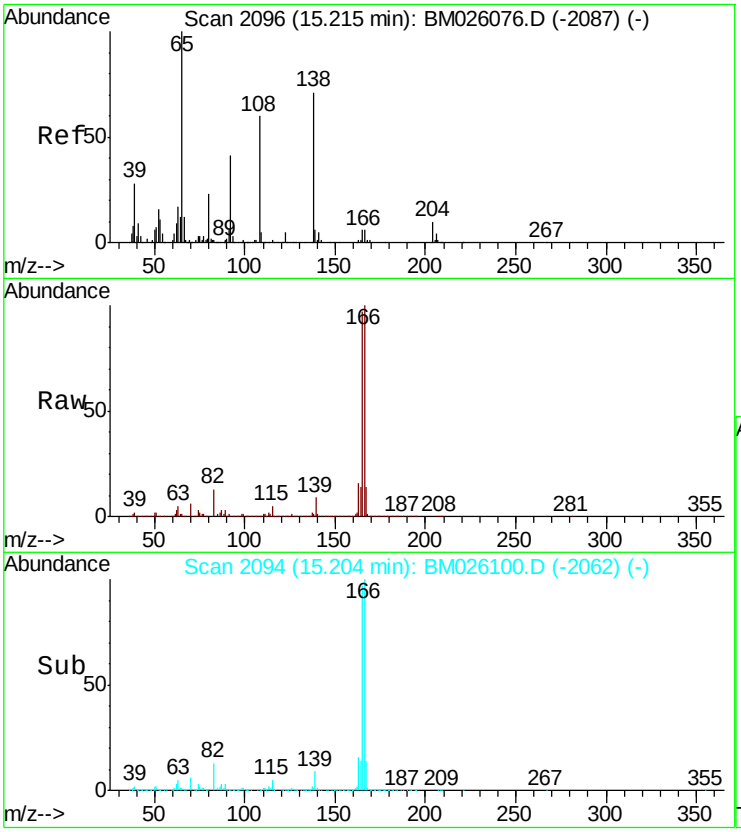


#59
Fluorene
Concen: 176.028 ng/ul
RT: 15.20 min Scan# 2094
Delta R.T. 0.01 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Tgt Ion:166 Resp: 7586599

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.3	115.9
167	13.9	10.6	16.0



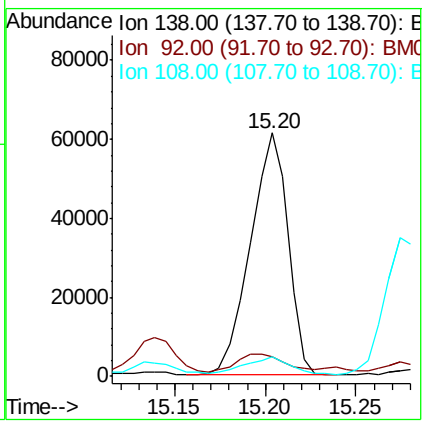


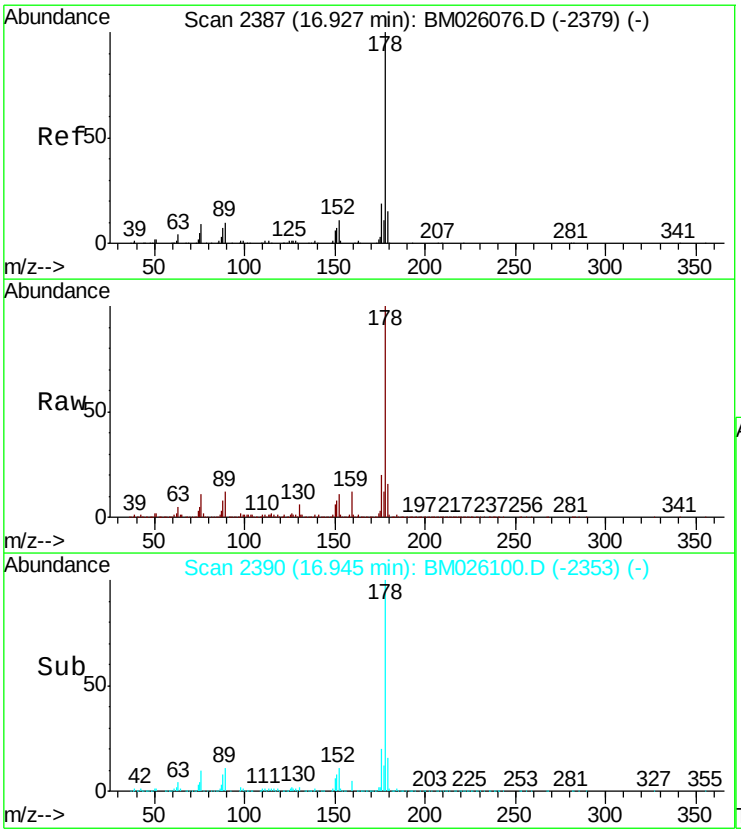
#61
4-Nitroaniline
Concen: 9.986 ng/ul
RT: 15.20 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 88410

Ion	Ratio	Lower	Upper
138	100		
92	8.1	49.4	74.2#
108	7.9	68.3	102.5#

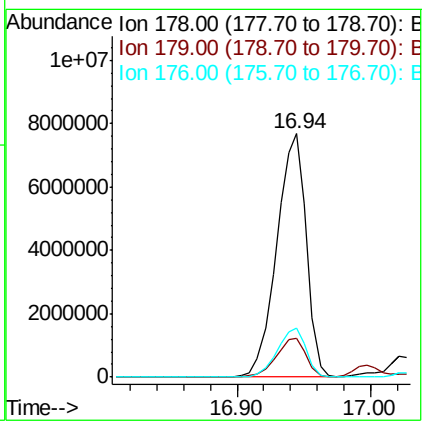


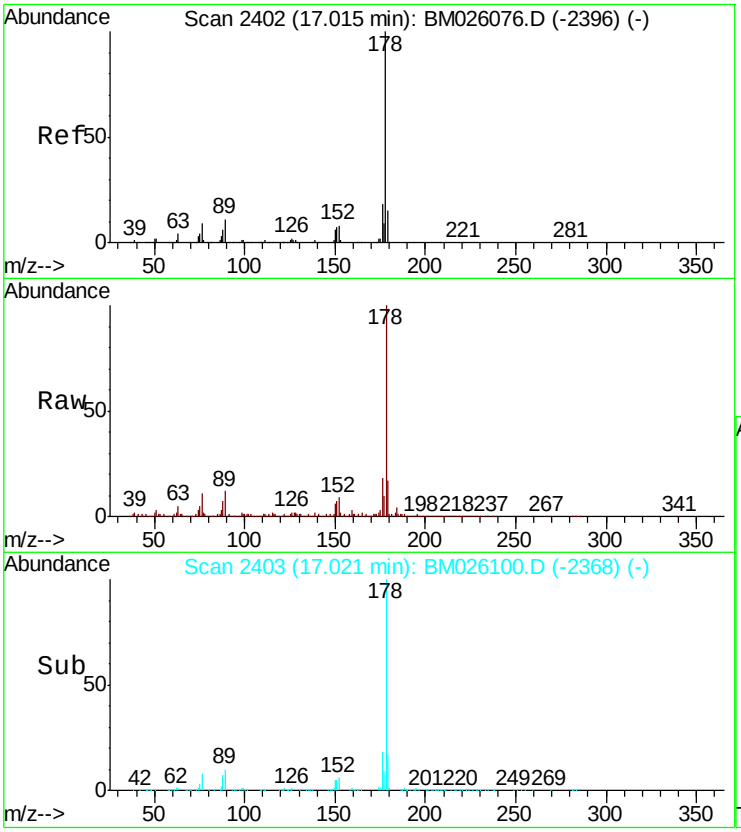


#70
Phenanthrene
Concen: 180.911 ng/ul
RT: 16.94 min Scan# 2390
Delta R.T. 0.02 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Tgt Ion:178 Resp:11847560

Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.9	17.9
176	20.0	14.9	22.3



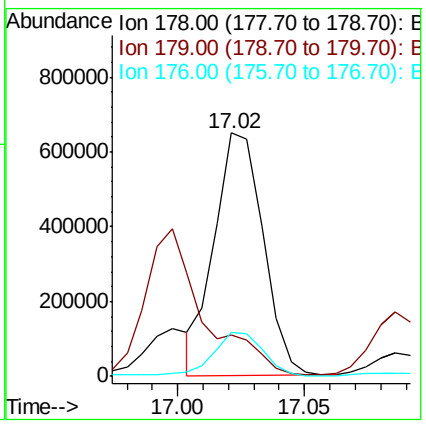


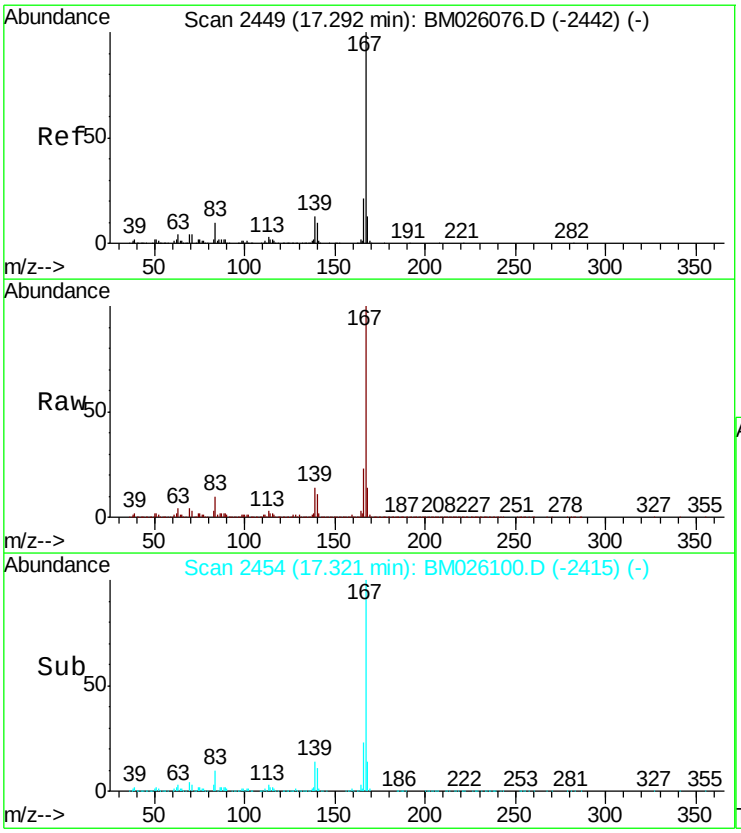
#72
Anthracene
Concen: 13.220 ng/ul
RT: 17.02 min Scan# 2403
Delta R.T. 0.01 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 868599

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.2	18.4
176	18.0	14.9	22.3

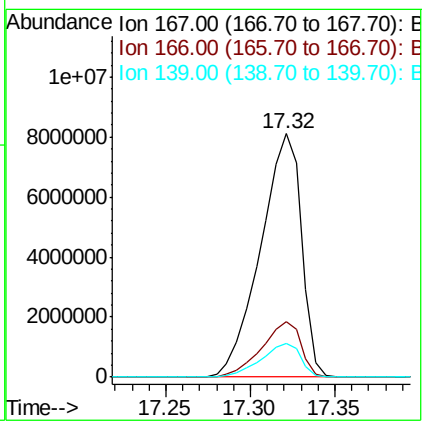


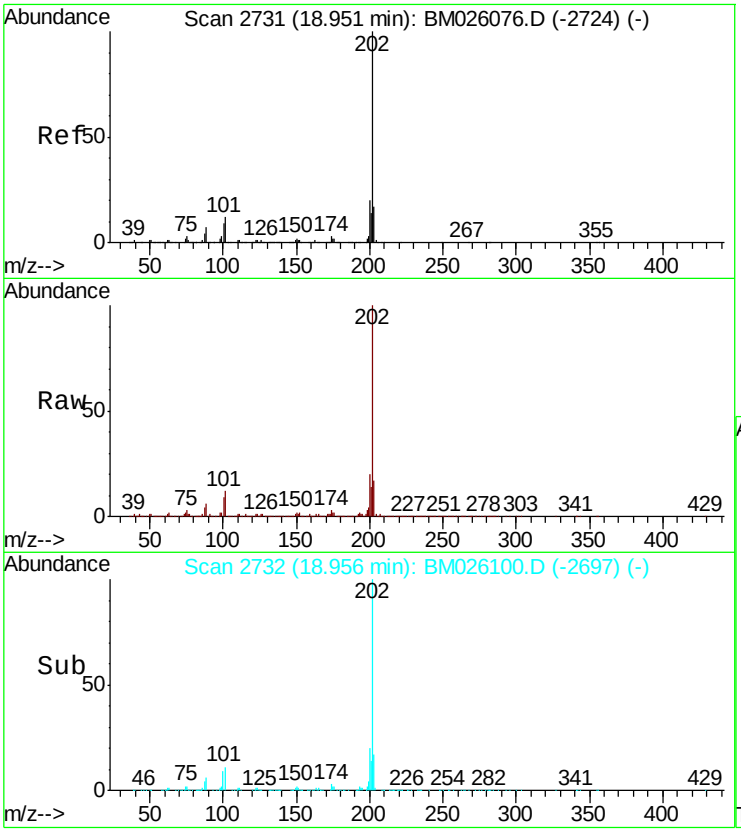


#75
Carbazole
Concen: 251.122 ng/ul
RT: 17.32 min Scan# 2454
Delta R.T. 0.03 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Tgt Ion:167 Resp:13649821

Ion	Ratio	Lower	Upper
167	100		
166	22.6	16.6	25.0
139	14.0	10.8	16.2



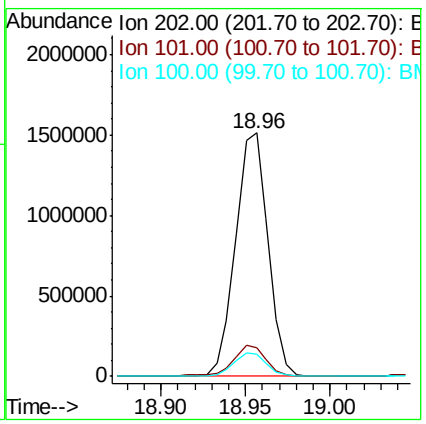


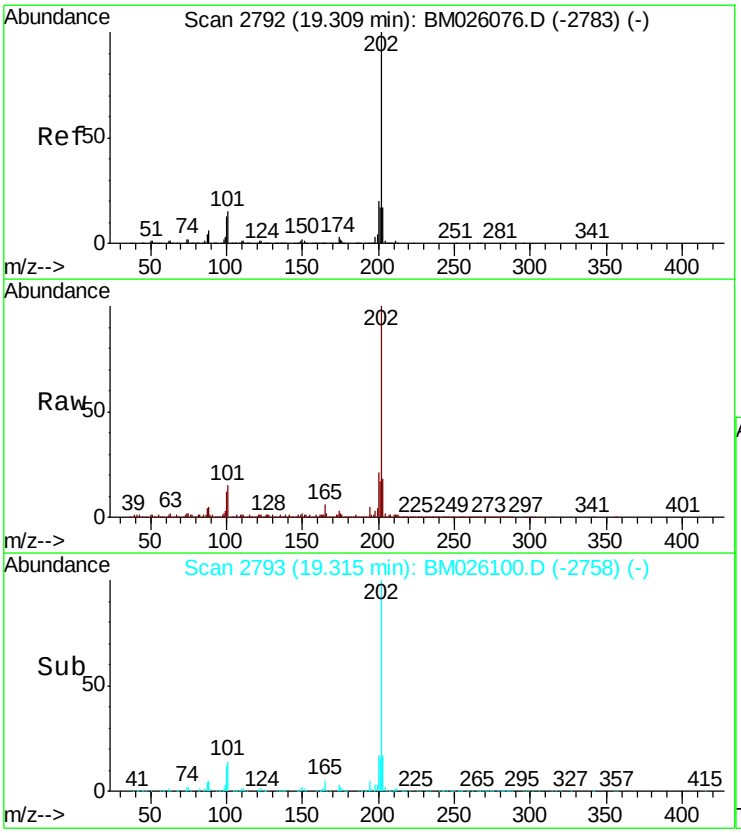
#77
Fluoranthene
Concen: 29.464 ng/ul
RT: 18.96 min Scan# 2732
Delta R.T. 0.01 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2024041

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.5	14.3
100	9.0	7.6	11.4

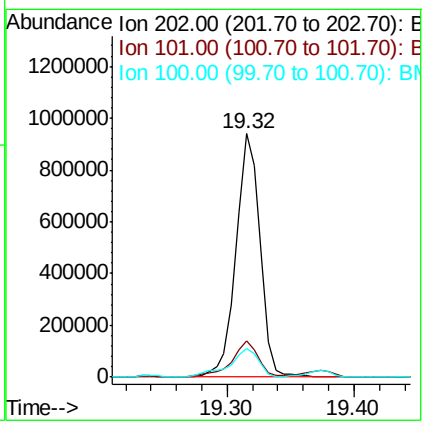


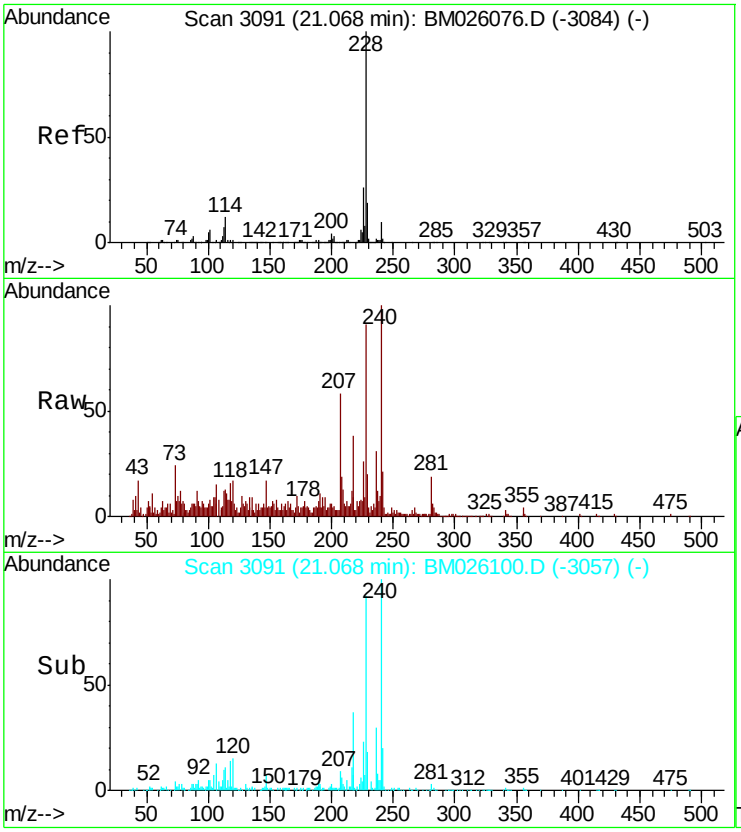


#80
Pyrene
Concen: 16.884 ng/ul
RT: 19.32 min Scan# 2793
Delta R.T. 0.01 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Tgt Ion:202 Resp: 1216926

Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.2	18.4
100	11.9	10.2	15.4



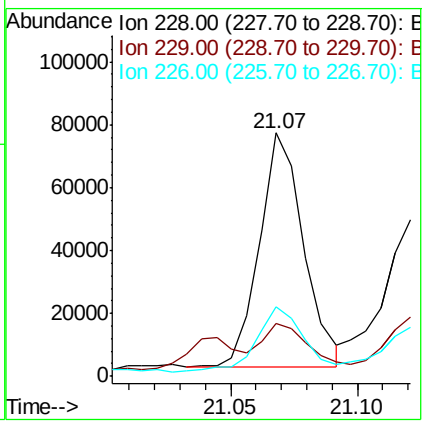


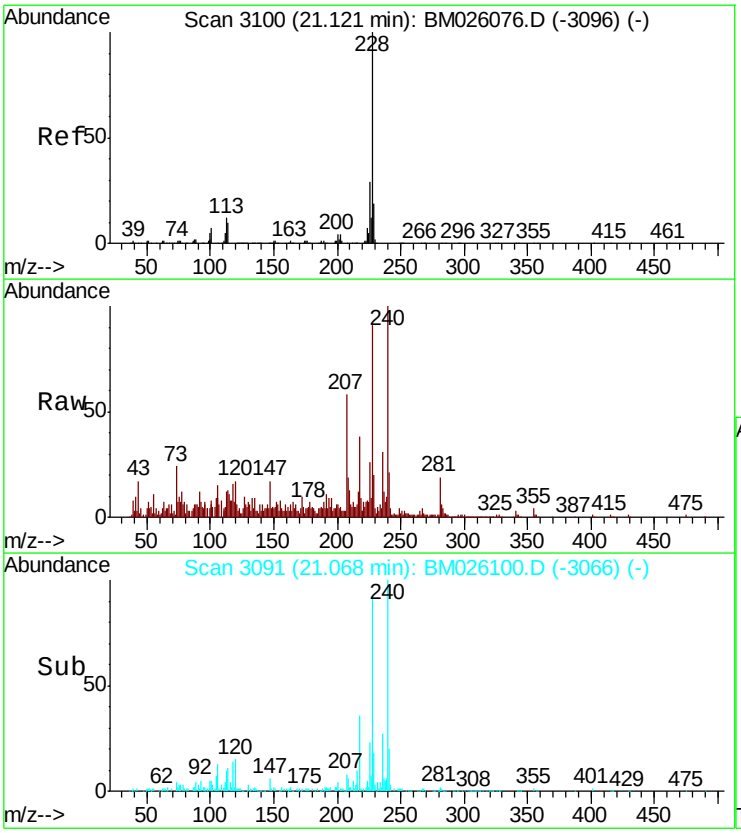
#83
Benzo(a)anthracene
Concen: 1.285 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 90933

Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.5	23.3
226	28.7	21.2	31.8





#85
Chrysene
Concen: 1.303 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. -0.05 min
Lab File: BM026100.D
Acq: 23 May 2020 04:17

Tgt Ion:228 Resp: 91616

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.6
229	22.0	15.5	23.3