Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 27 05:15:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 26 11:15:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	163992	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	678508	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.13	164	412192	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	855052	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	891406	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	945355	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	443533	81.58	ng/uL	-0.04
5) Phenol-d5	6.69	99	50602	3.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	158706	15.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	144701	12.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	92739	8.27	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	104328	18.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	103493	18.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	169595	15.44	ng/ul	0.01
29) 4-Chloroaniline-d4	10.38	131	17438	1.56	ng/ul	-0.01
44) Dimethylphthalate-d6	13.55	166	568865	17.21	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	677472	17.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	20872	3.57	ng/ul	0.00
58) Fluorene-d10	15.13	176	494173	17.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	74855	15.01	ng/ul	0.00
71) Anthracene-d10	16.98	188	767468	18.21	ng/ul	0.00
79) Pyrene-d10	19.28	212	840872	18.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	822951	16.35	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.65	77	59819	6.179	ng/ul#	1
6) Phenol	6.72	94	49516	2.969	ng/ul#	51
14) Acetophenone	8.30	105	246790	13.121	ng/ul	96
16) 4-Methylphenol	8.26	108	118353	9.471	ng/ul	92
17) Hexachloroethane	8.58	117	65759	12.077	ng/ul#	10
21) Isophorone	9.21	82	510952	18.083	ng/ul	97
24) 2,4-Dimethylphenol	9.46	107	20918	1.377	ng/ul	96
30) 4-Chloroaniline	10.36	127	11112313	954.672	ng/ul#	18
34) 2-Methylnaphthalene	11.93	142	5133948	183.991	ng/ul	99
35) 1-Methylnaphthalene	12.15	142	3377492	130.467	ng/ul	99
41) 1,1'-Biphenyl	12.96	154	1282323	35.060	ng/ul	99
45) Dimethylphthalate	13.60	163	111368	3.209	ng/ul#	98
48) Acenaphthylene	13.85	152	3695465	85.954	ng/ul	99
50) Acenaphthene	14.19	153	348322	11.488	ng/ul	97
54) Dibenzofuran	14.53	168	95006	2.230	ng/ul	95
55) 2,4-Dinitrotoluene	14.50	165	10811	1.146	ng/ul#	64
59) Fluorene	15.19	166	1814398	52.638	ng/ul	100
61) 4-Nitroaniline	15.19	138	20927	2.956	ng/ul#	19
70) Phenanthrene	16.93	178	10235138	190.031	ng/ul	98
72) Anthracene	17.02	178	2816193	52.116	ng/ul	99
75) Carbazole	17.29	167	193203	4.322	ng/ul	96
77) Fluoranthene	18.95	202	5222754	92.442	ng/ul	99
80) Pyrene	19.32	202	7711506	123.229	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 27 05:15:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 26 11:15:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Benzo(a)anthracene	21.12	228	1879914	30.597	ng/ul	95
85) Chrysene	21.12	228	1879914	30.783	ng/ul	98
88) Benzo(b)fluoranthene	22.58	252	1817294	28.420	ng/ul	99
89) Benzo(k)fluoranthene	22.58	252	1817294	28.453	ng/ul	98
91) Benzo(a)pyrene	23.11	252	2319640	41.221	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.27	276	1045758	14.319	ng/ul#	94
93) Dibenzo(a,h)anthracene	25.37	278	70071	1.133	ng/ul	94
94) Benzo(g,h,i)perylene	25.91	276	1310548	21.499	ng/ul	98

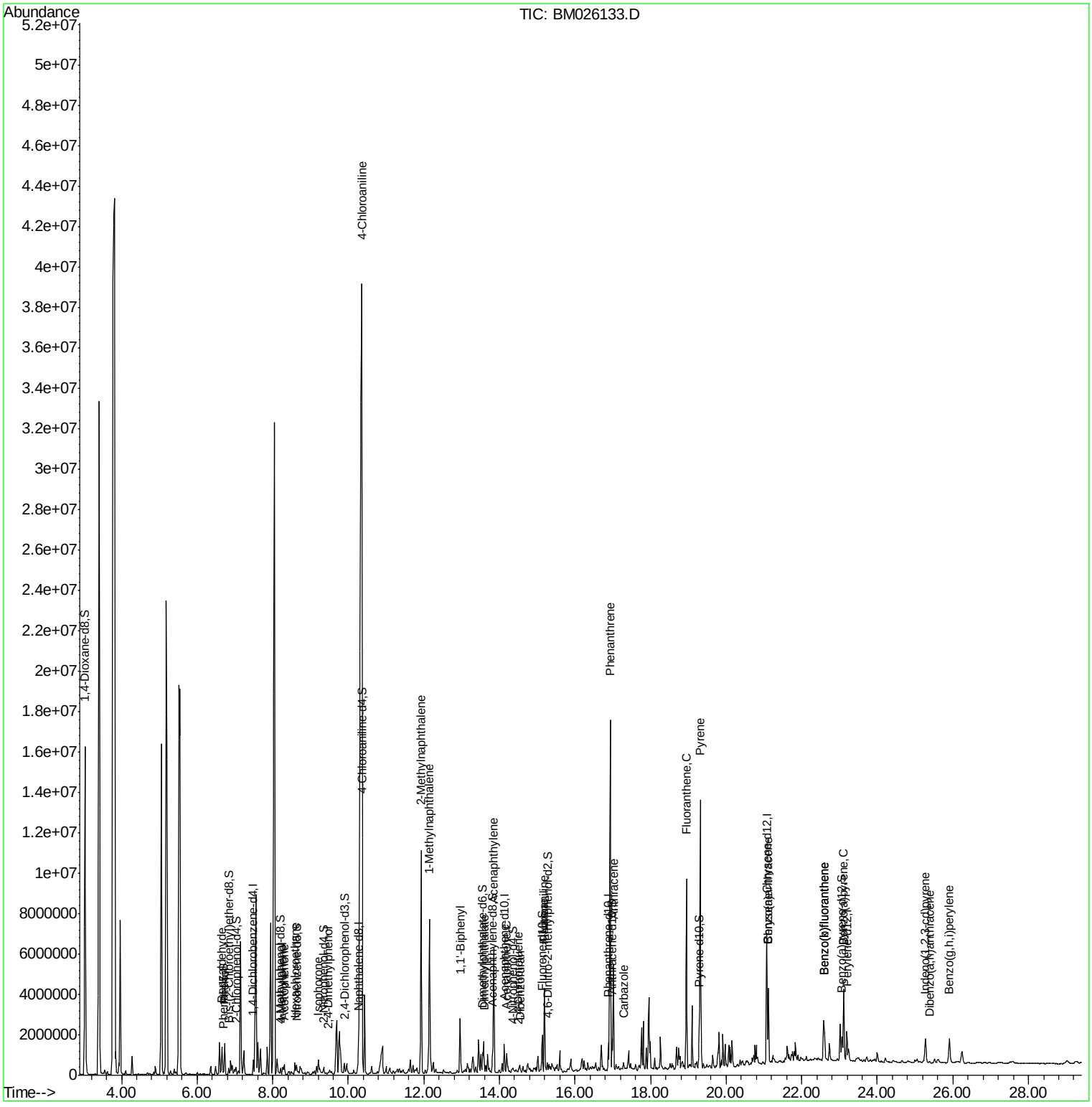
(#) = qualifier out of range (m) = manual integration (+) = signals summed

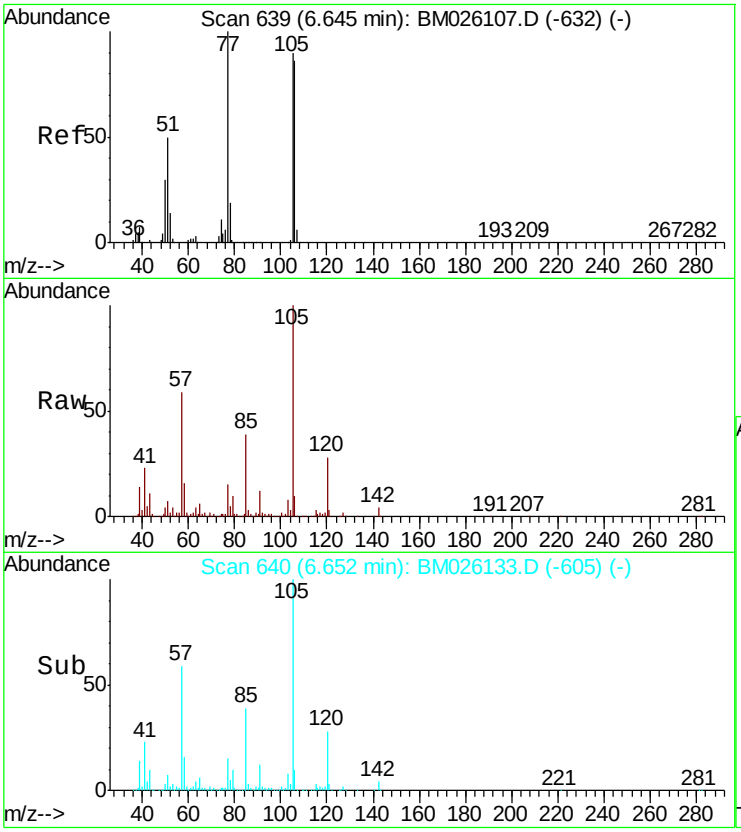
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 27 05:15:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 26 11:15:44 2020
Response via : Initial Calibration



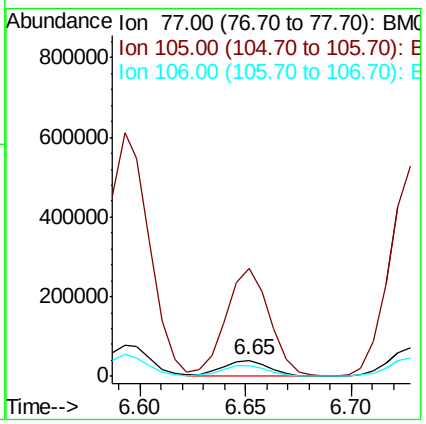


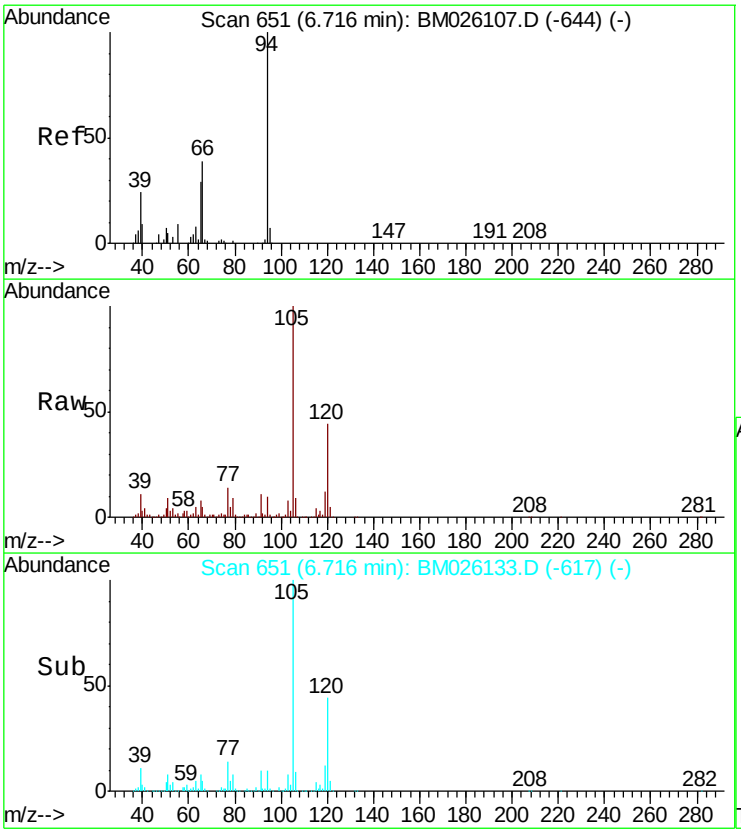
#4
Benzaldehyde
Concen: 6.179 ng/ul
RT: 6.65 min Scan# 640
Delta R.T. 0.01 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 59819

Ion	Ratio	Lower	Upper
77	100		
105	659.9	68.6	102.8#
106	68.1	63.4	95.0

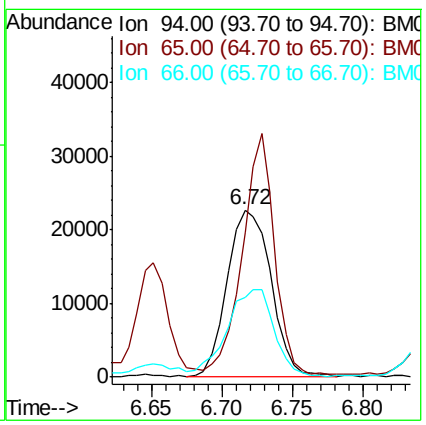


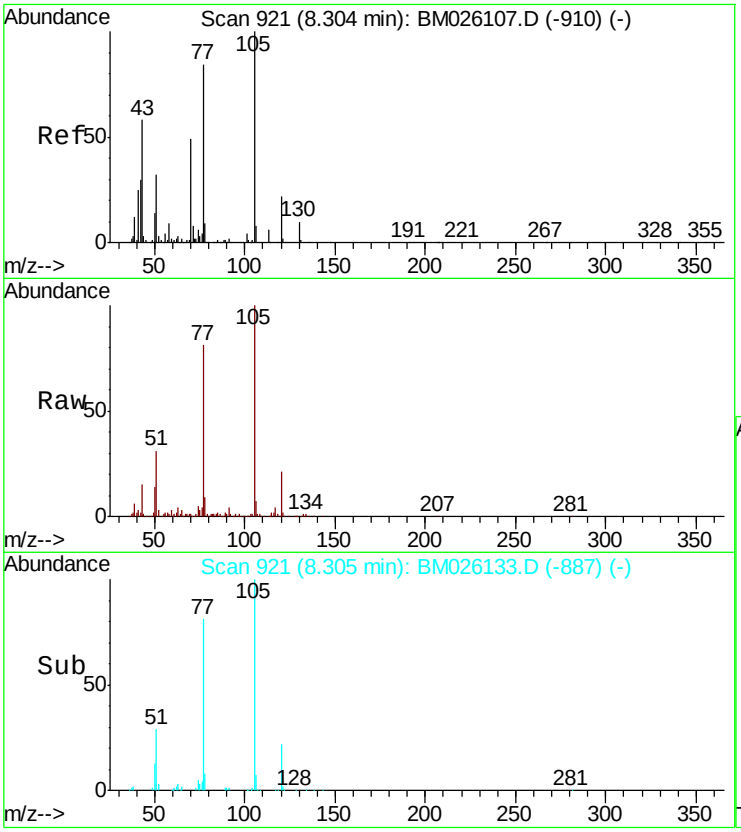


#6
Phenol
Concen: 2.969 ng/ul
RT: 6.72 min Scan# 651
Delta R.T. 0.00 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Tgt Ion: 94 Resp: 49516

Ion	Ratio	Lower	Upper
94	100		
65	87.3	25.8	38.8#
66	48.0	33.3	49.9



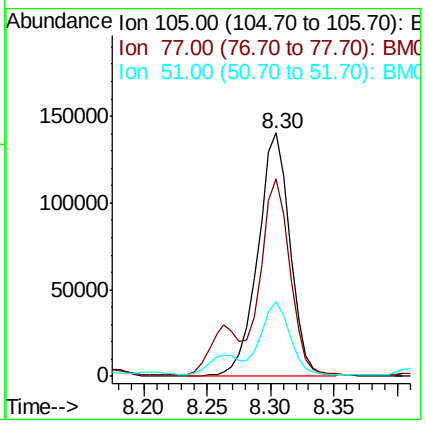


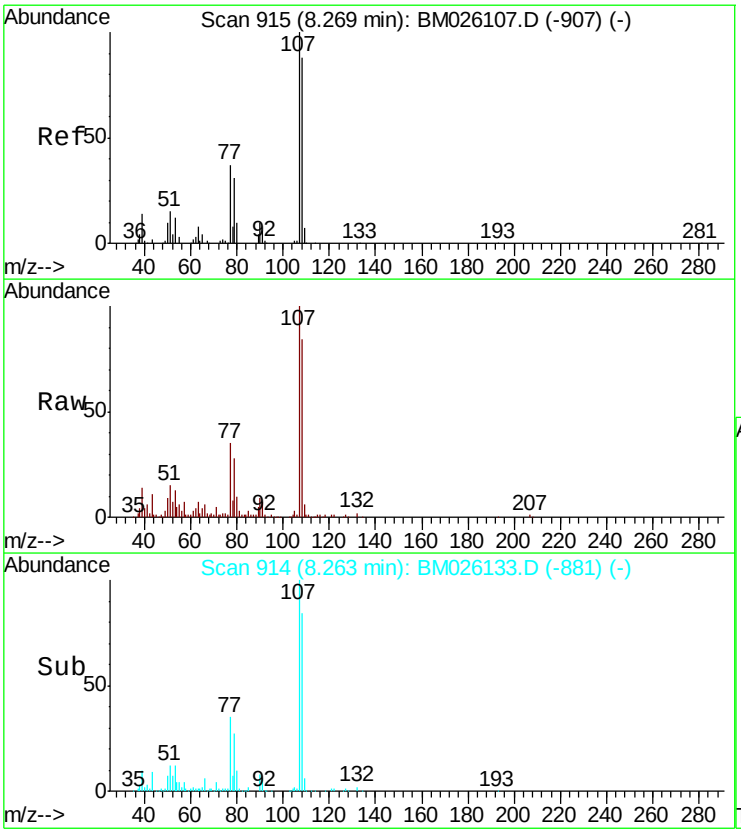
#14
Acetophenone
Concen: 13.121 ng/ul
RT: 8.30 min Scan# 921
Delta R.T. 0.00 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 246790

Ion	Ratio	Lower	Upper
105	100		
77	81.0	67.2	100.8
51	30.5	27.4	41.0

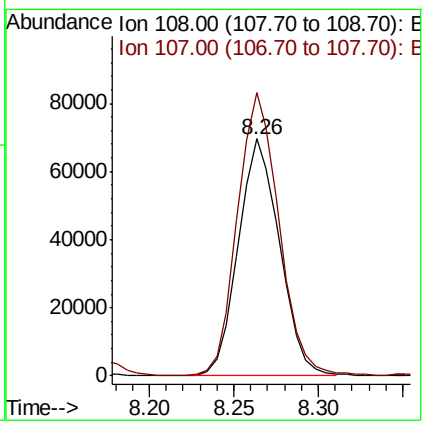


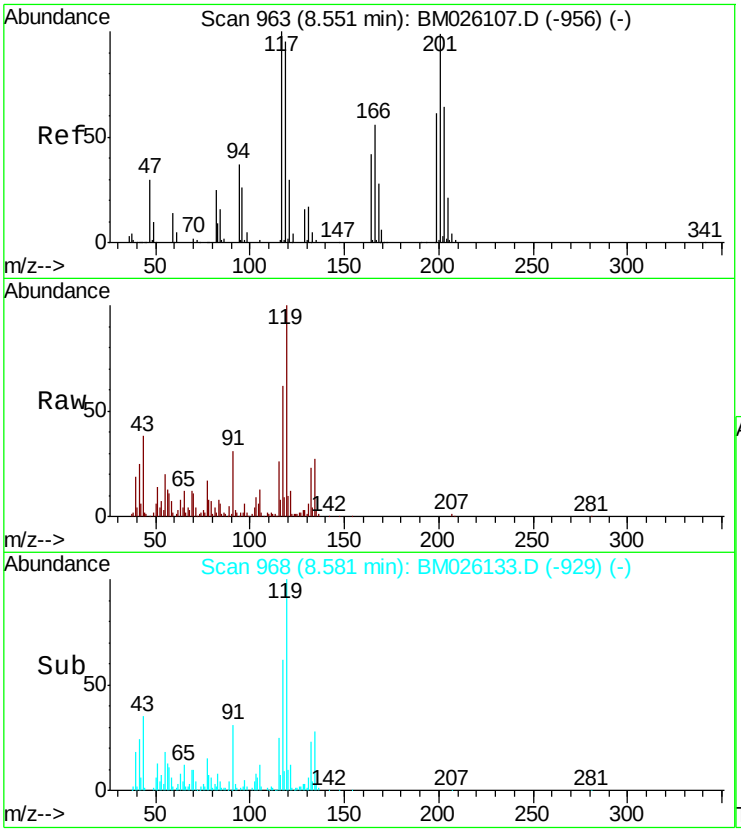


#16
4-Methylphenol
Concen: 9.471 ng/ul
RT: 8.26 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Tgt Ion:108 Resp: 118353

Ion	Ratio	Lower	Upper
108	100		
107	119.4	88.6	132.8



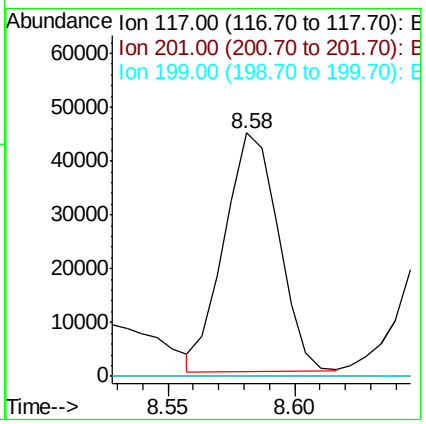


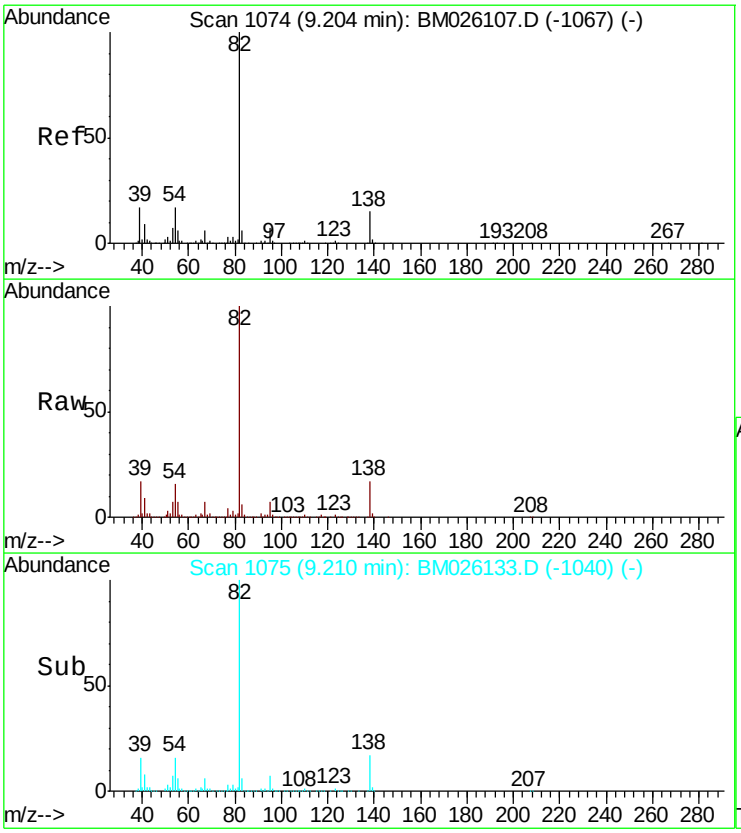
#17
Hexachloroethane
Concen: 12.077 ng/ul
RT: 8.58 min Scan# 968
Delta R.T. 0.03 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 65759

Ion	Ratio	Lower	Upper
117	100		
201	0.0	74.5	111.7#
199	0.0	45.9	68.9#

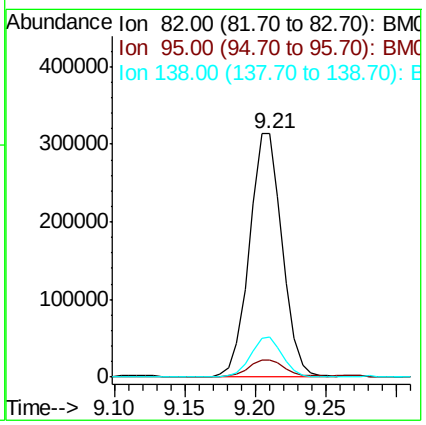


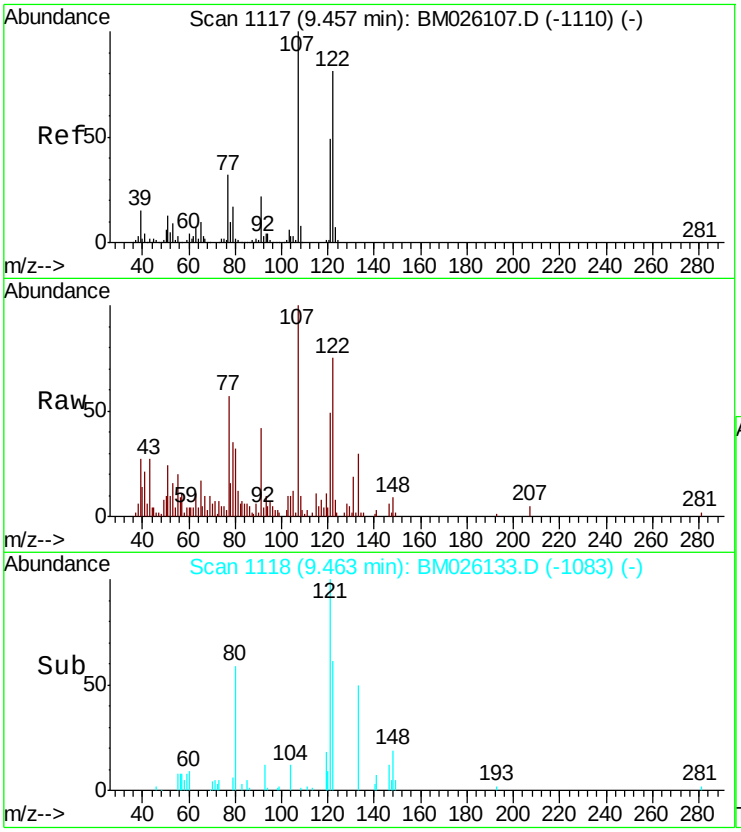


#21
Isophorone
Concen: 18.083 ng/ul
RT: 9.21 min Scan# 1075
Delta R.T. 0.01 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Tgt Ion: 82 Resp: 510952

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	16.7	11.9	17.9



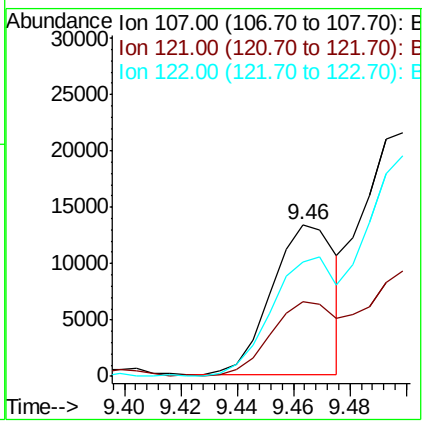


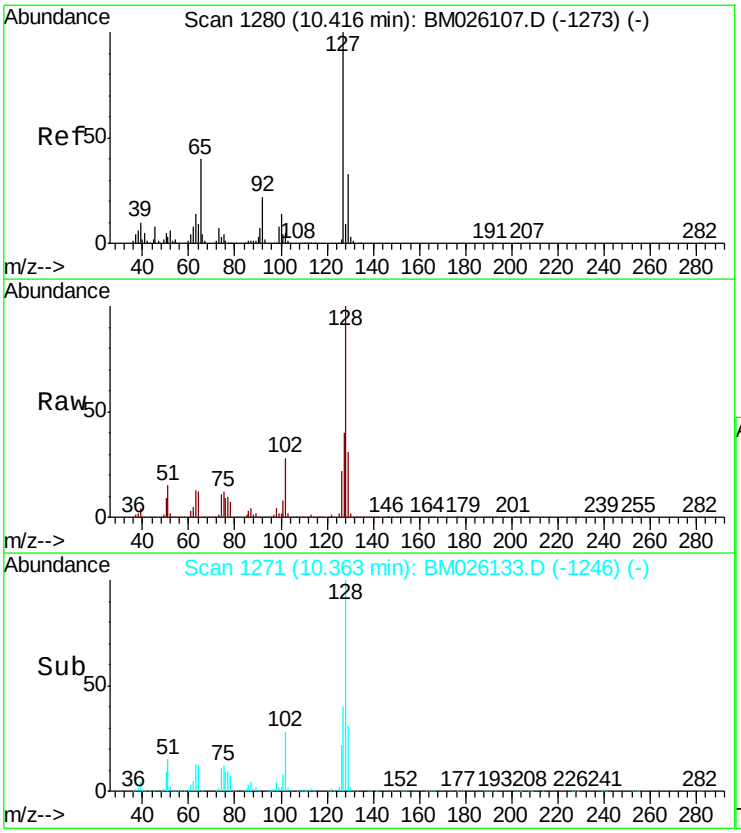
#24
2,4-Dimethylphenol
Concen: 1.377 ng/ul
RT: 9.46 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 20918

Ion	Ratio	Lower	Upper
107	100		
121	48.9	37.5	56.3
122	75.0	63.8	95.6

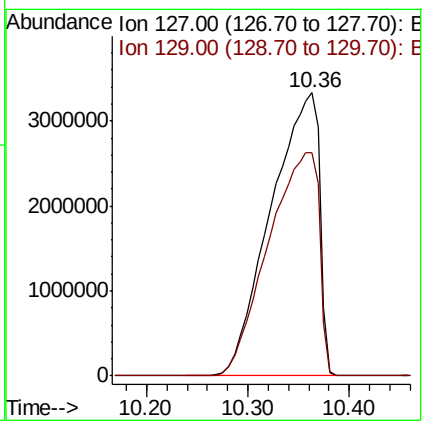


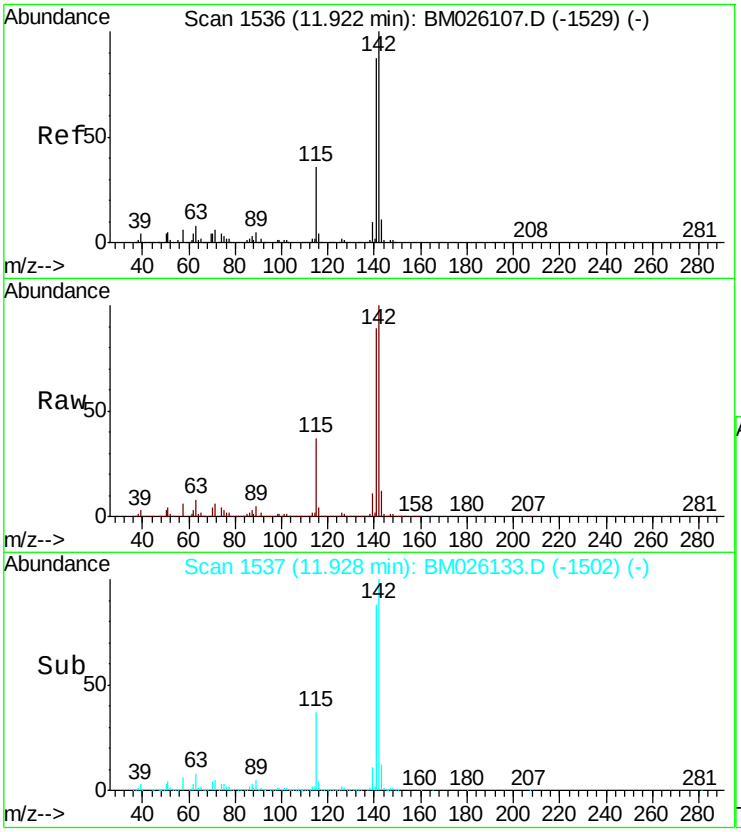


#30
4-Chloroaniline
Concen: 954.672 ng/ul
RT: 10.36 min Scan# 1271
Delta R.T. -0.05 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Tgt Ion:127 Resp:11112313

Ion	Ratio	Lower	Upper
127	100		
129	78.7	26.2	39.2#



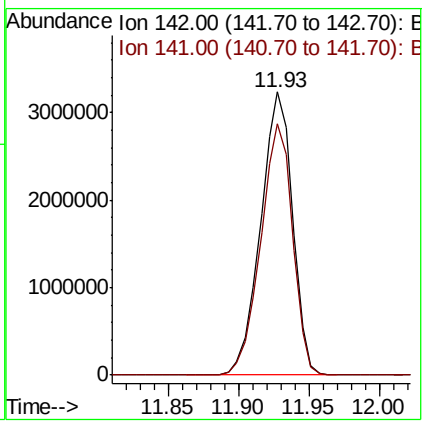


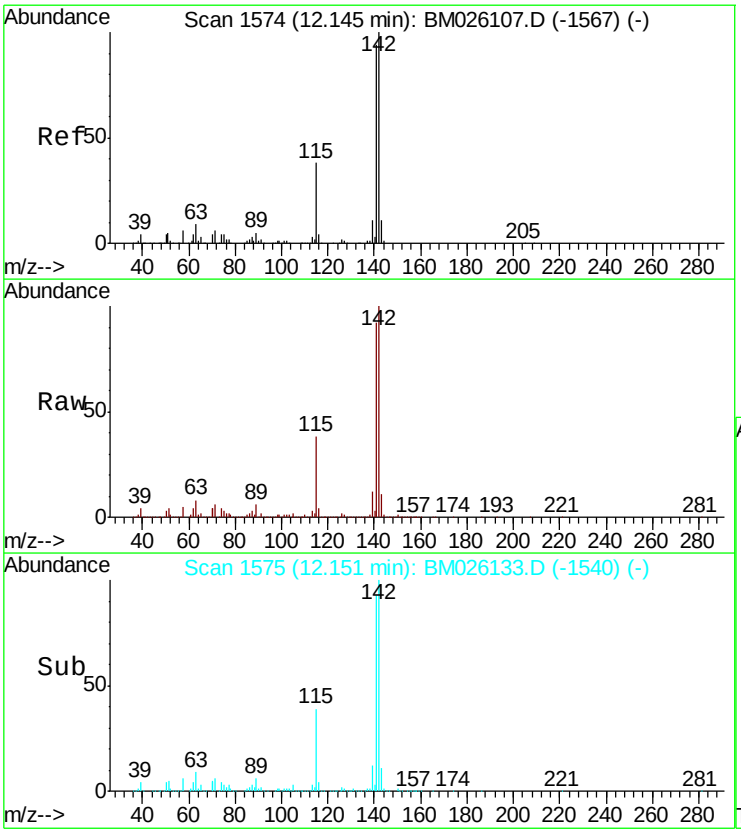
#34
2-Methylnaphthalene
Concen: 183.991 ng/ul
RT: 11.93 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 5133948

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.8	107.6

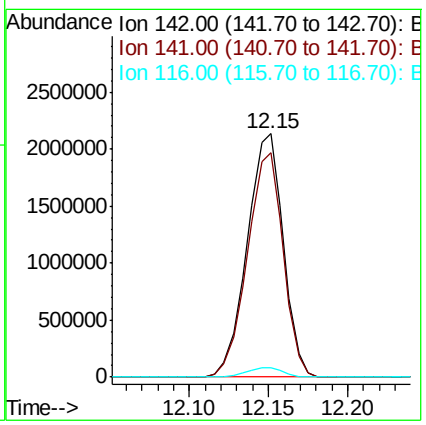


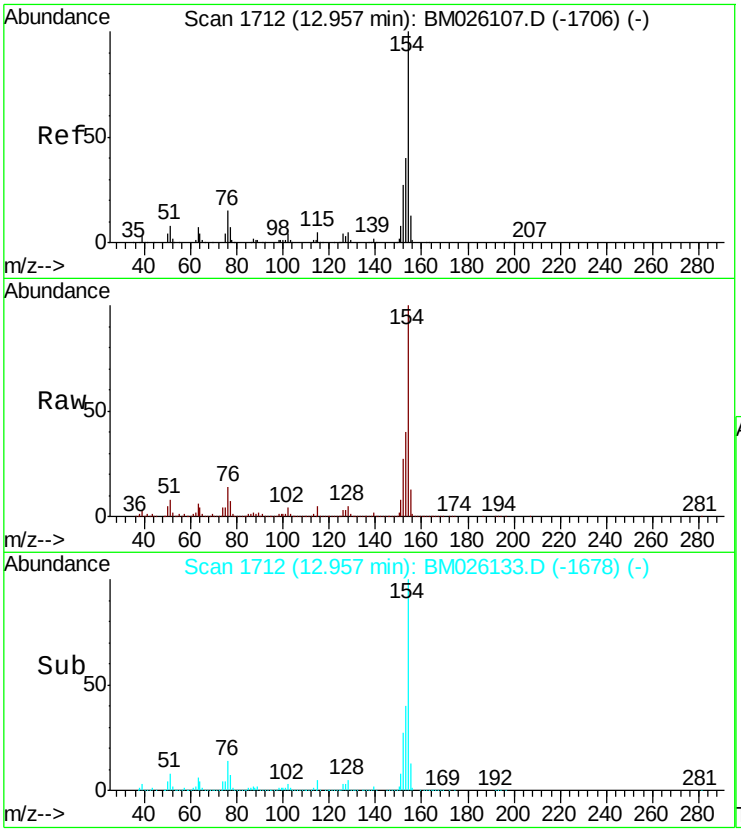


#35
1-Methylnaphthalene
Concen: 130.467 ng/ul
RT: 12.15 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Tgt Ion:142 Resp: 3377492

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.0	109.4
116	4.0	3.3	4.9



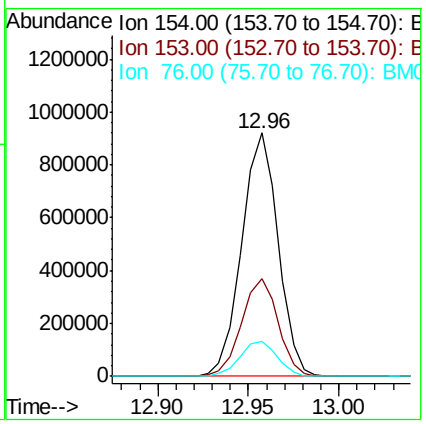


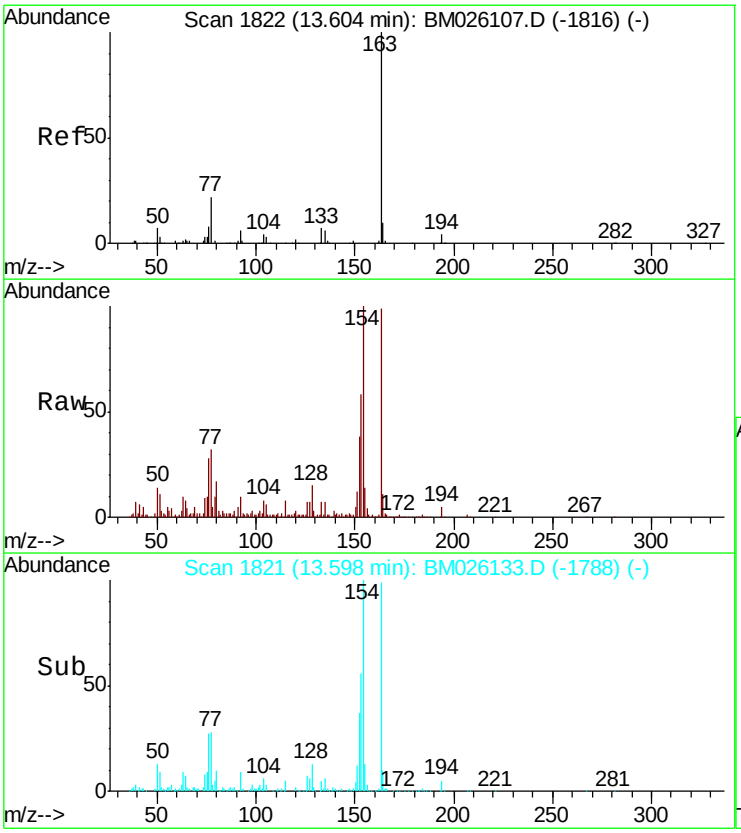
#41
1,1'-Biphenyl
Concen: 35.060 ng/ul
RT: 12.96 min Scan# 1712
Delta R.T. 0.00 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 1282323

Ion	Ratio	Lower	Upper
154	100		
153	40.2	32.3	48.5
76	14.4	13.0	19.6

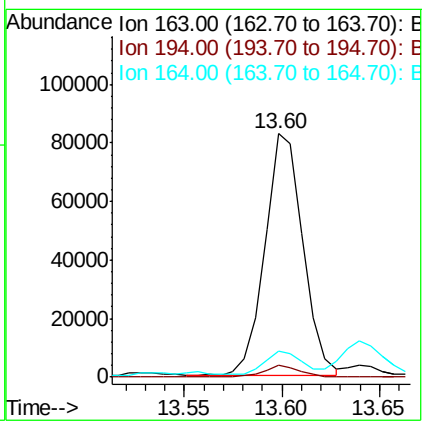


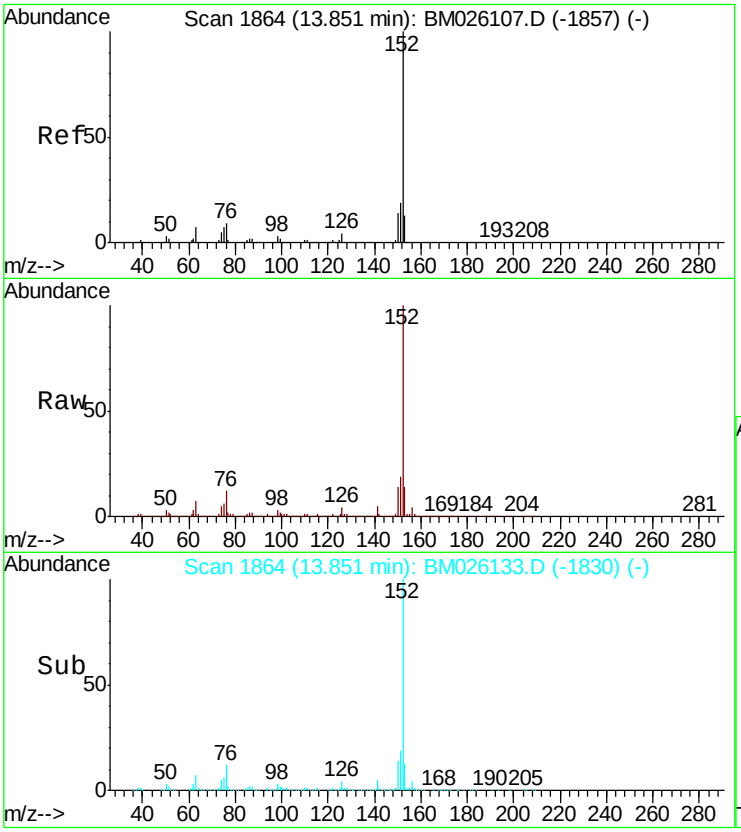


#45
Dimethylphthalate
Concen: 3.209 ng/ul
RT: 13.60 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Tgt Ion:163 Resp: 111368

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.2	4.8#
164	10.8	8.0	12.0



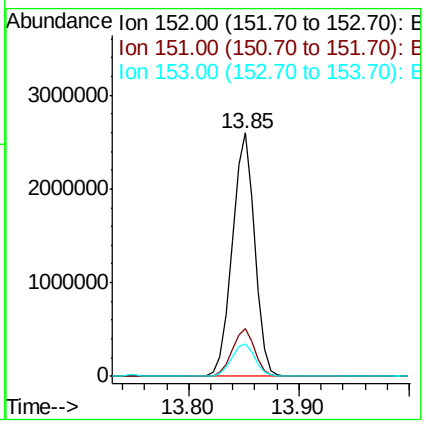


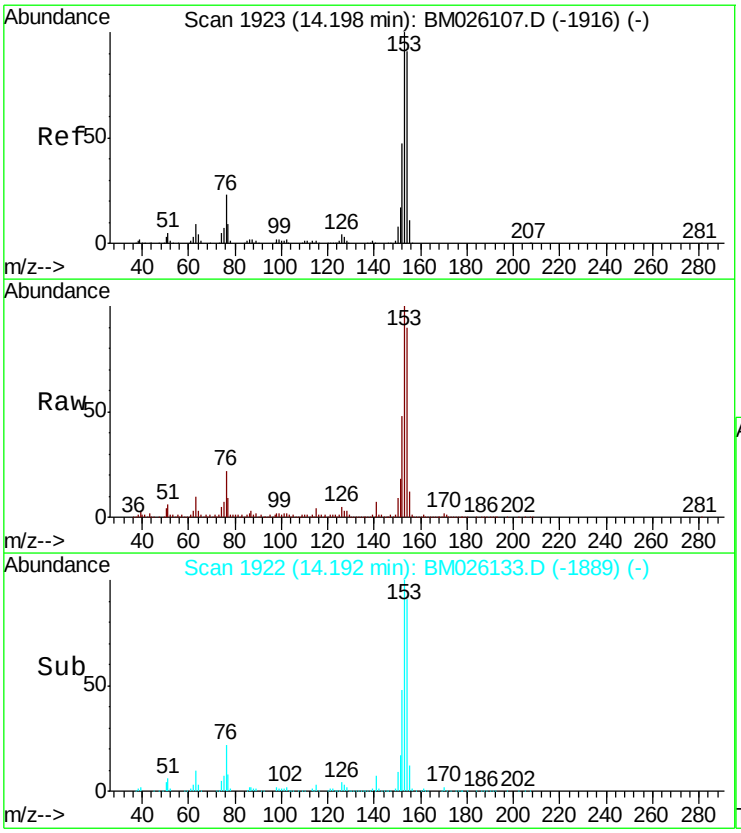
#48
Acenaphthylene
Concen: 85.954 ng/ul
RT: 13.85 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 3695465

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.5	10.2	15.2

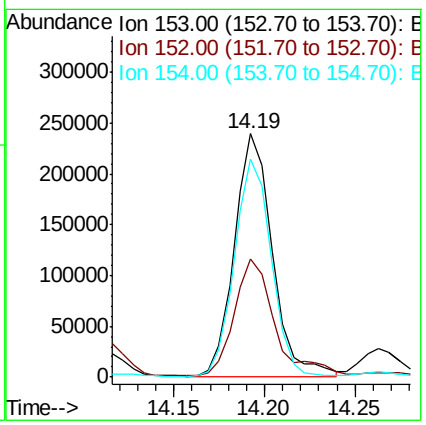


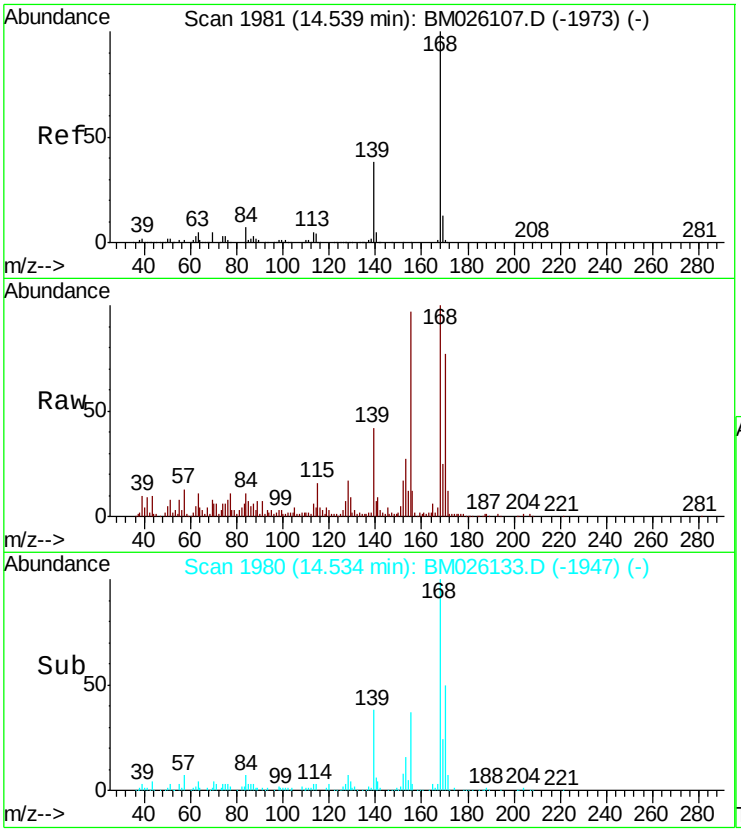


#50
Acenaphthene
Concen: 11.488 ng/ul
RT: 14.19 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Tgt Ion:153 Resp: 348322

Ion	Ratio	Lower	Upper
153	100		
152	48.3	37.2	55.8
154	89.7	69.8	104.8



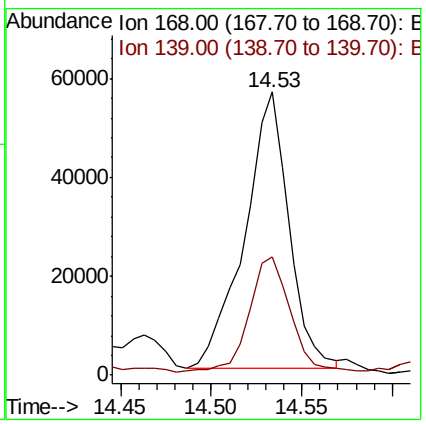


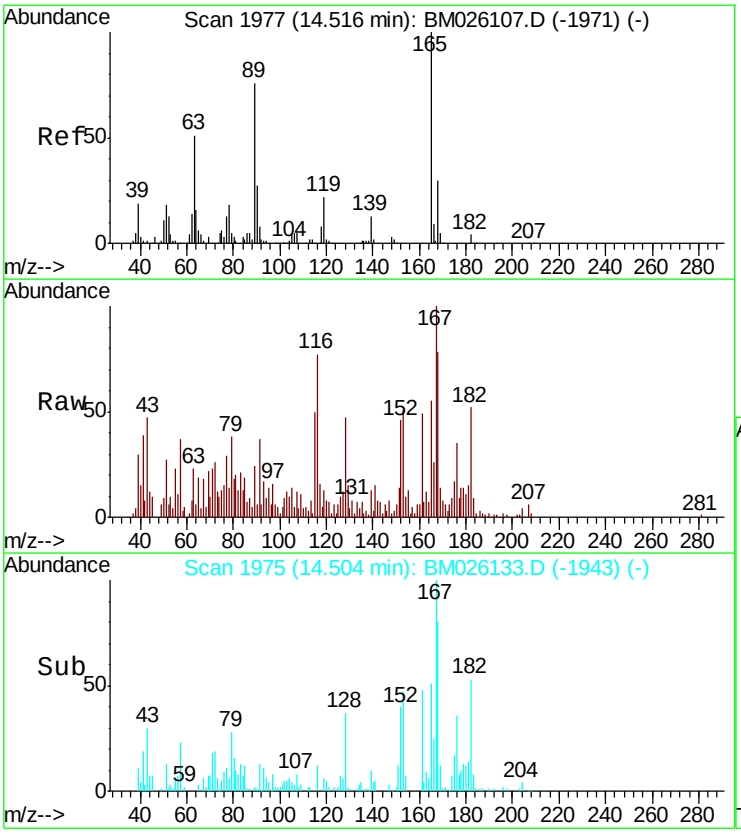
#54
Dibenzofuran
Concen: 2.230 ng/ul
RT: 14.53 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 95006

Ion	Ratio	Lower	Upper
168	100		
139	41.7	30.7	46.1

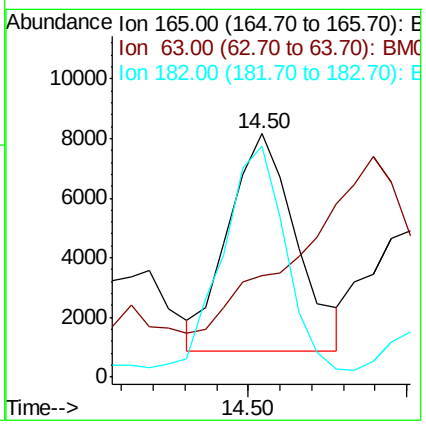


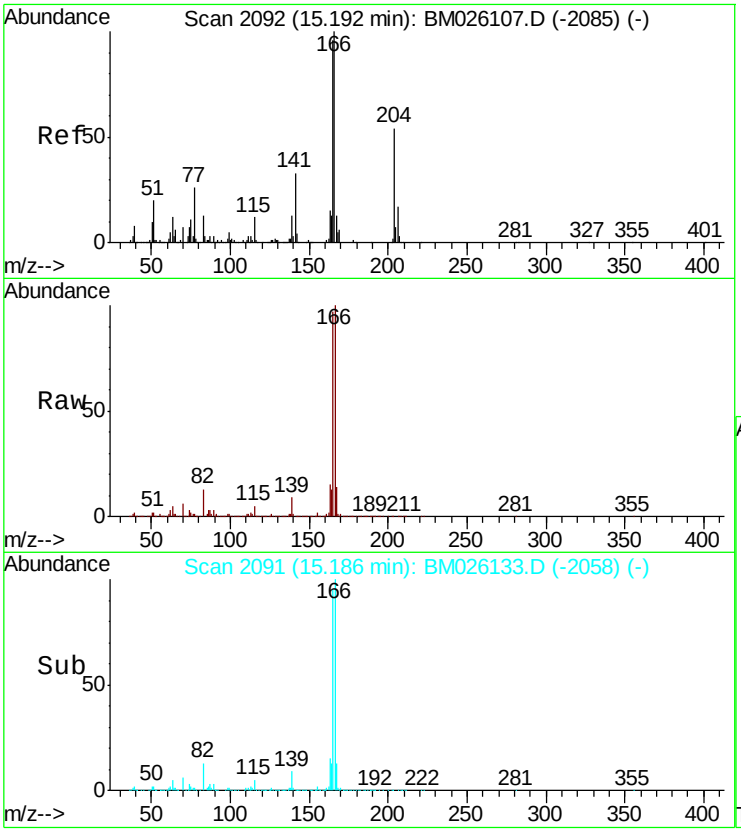


#55
2,4-Dinitrotoluene
Concen: 1.146 ng/ul
RT: 14.50 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Tgt Ion:165 Resp: 10811

Ion	Ratio	Lower	Upper
165	100		
63	41.7	46.8	70.2#
182	95.0	2.6	3.8#



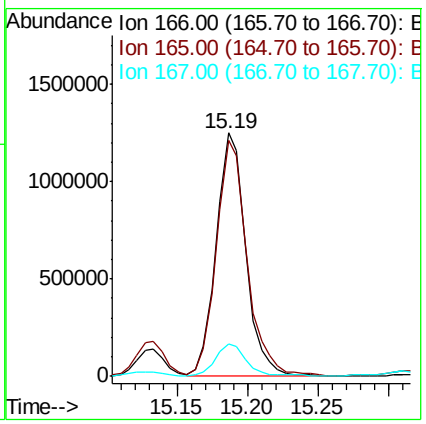


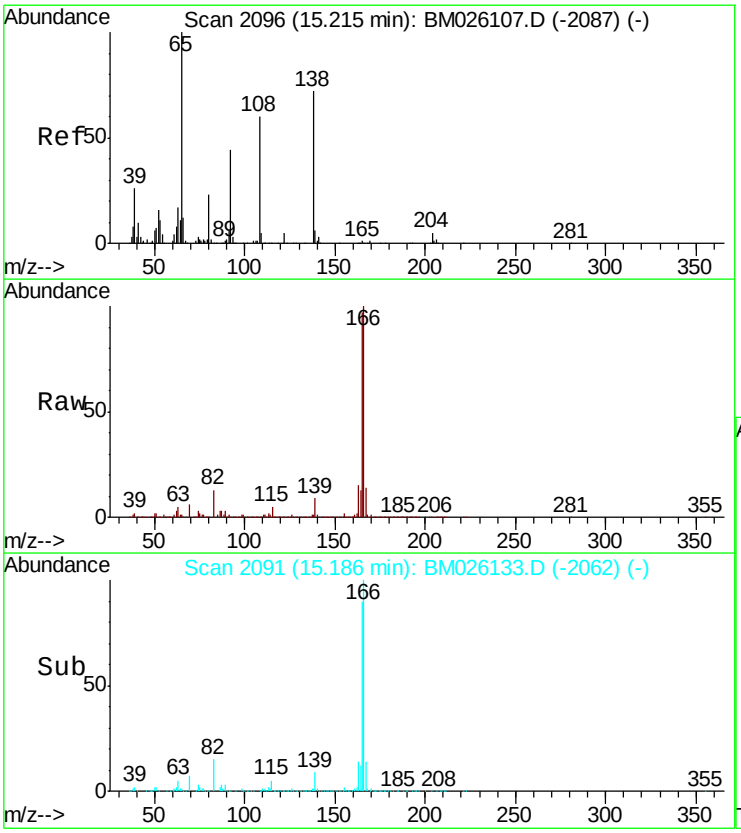
#59
Fluorene
Concen: 52.638 ng/ul
RT: 15.19 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 1814398

Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.3	115.9
167	13.5	10.6	16.0

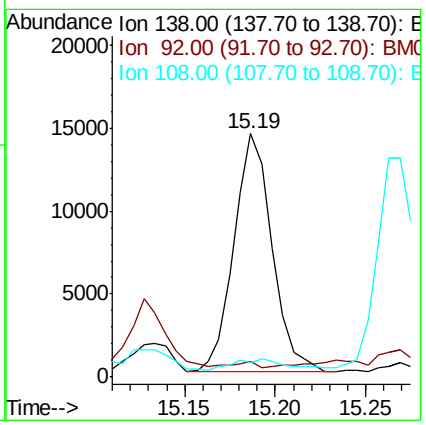


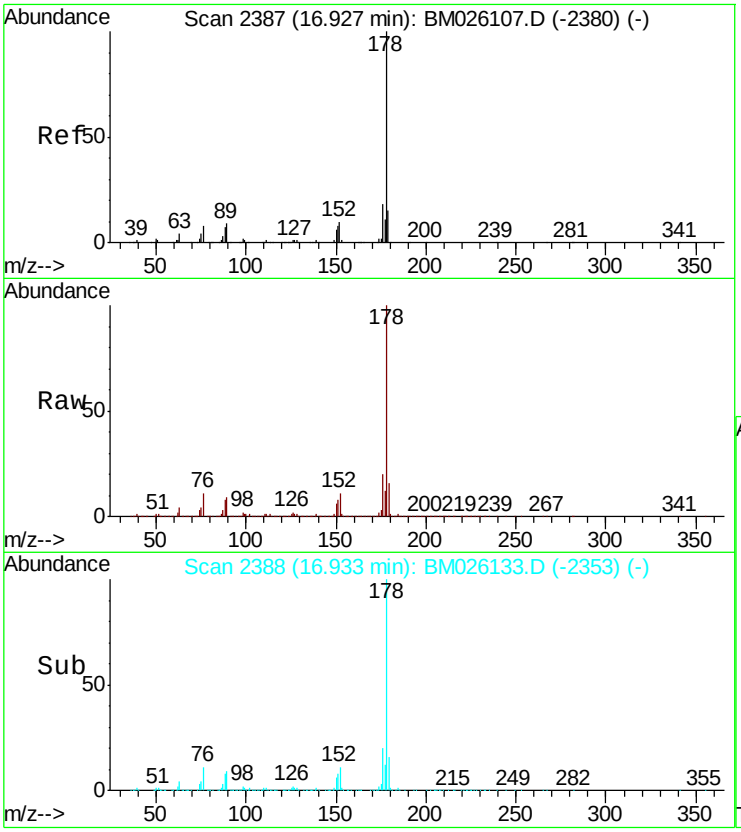


#61
4-Nitroaniline
Concen: 2.956 ng/ul
RT: 15.19 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Tgt Ion:138 Resp: 20927

Ion	Ratio	Lower	Upper
138	100		
92	6.3	49.4	74.2#
108	5.8	68.3	102.5#



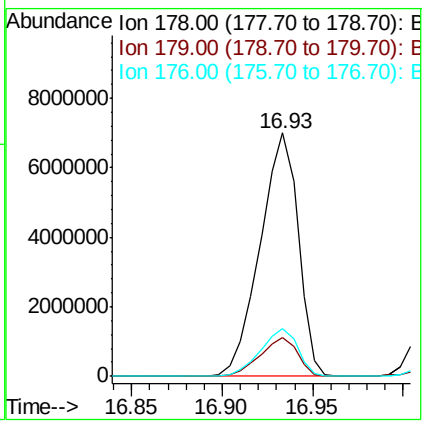


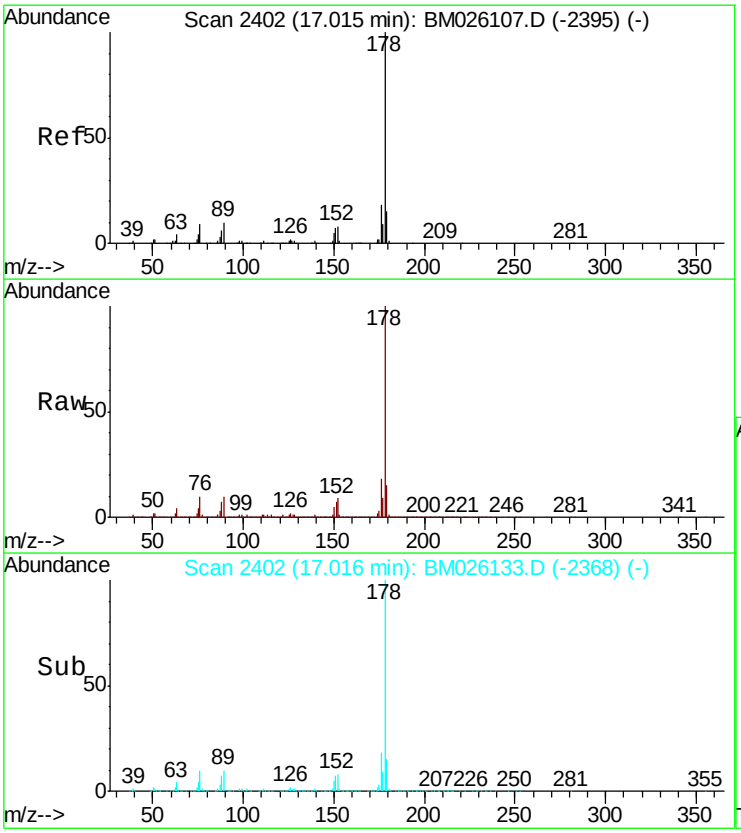
#70
Phenanthrene
Concen: 190.031 ng/ul
RT: 16.93 min Scan# 2388
Delta R.T. 0.01 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp:10235138

Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.9	17.9
176	19.6	14.9	22.3

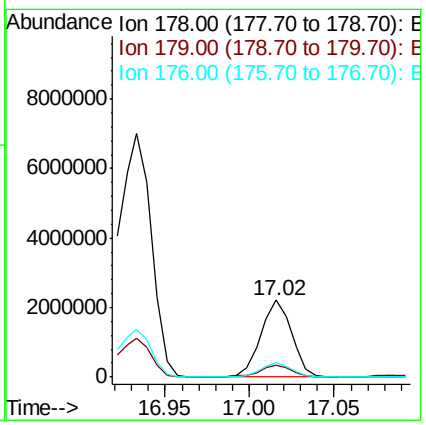


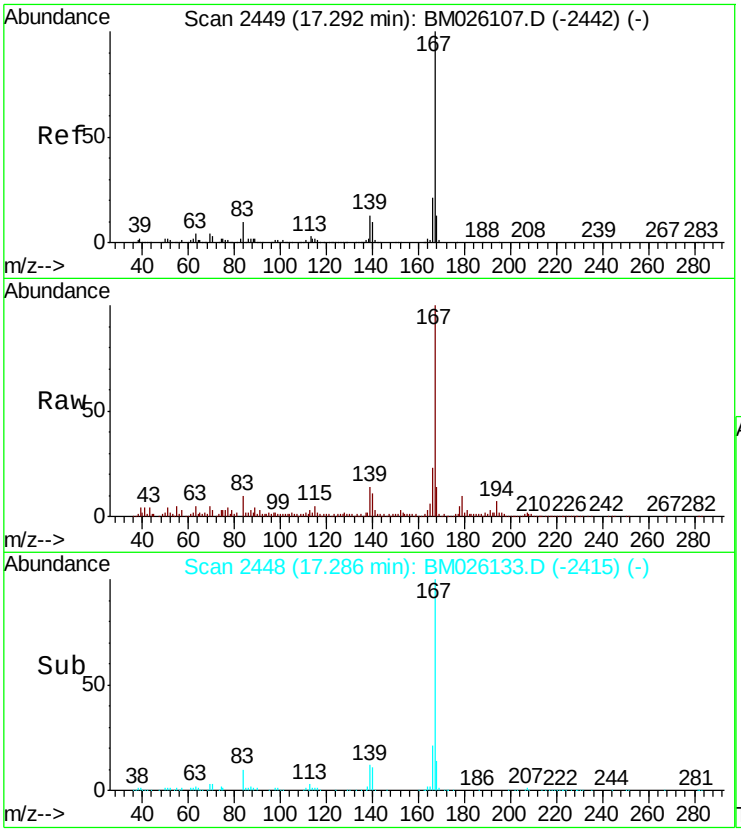


#72
Anthracene
Concen: 52.116 ng/ul
RT: 17.02 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Tgt Ion:178 Resp: 2816193

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	18.2	14.9	22.3



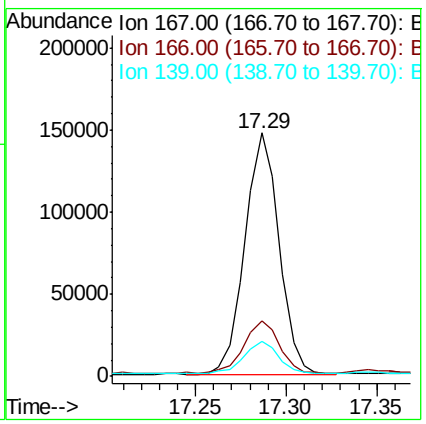


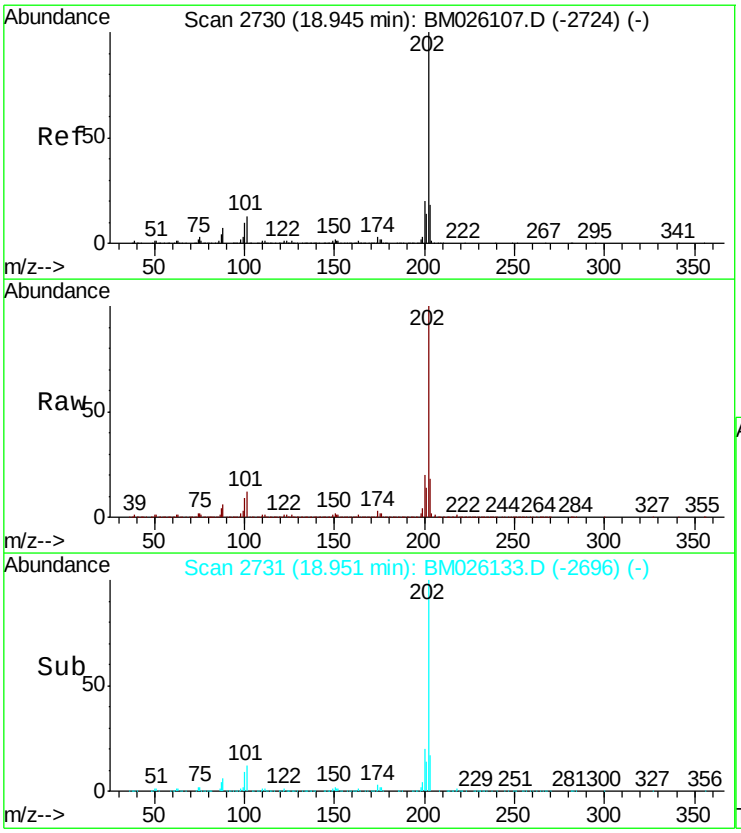
#75
Carbazole
Concen: 4.322 ng/ul
RT: 17.29 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 193203

Ion	Ratio	Lower	Upper
167	100		
166	22.9	16.6	25.0
139	14.4	10.8	16.2

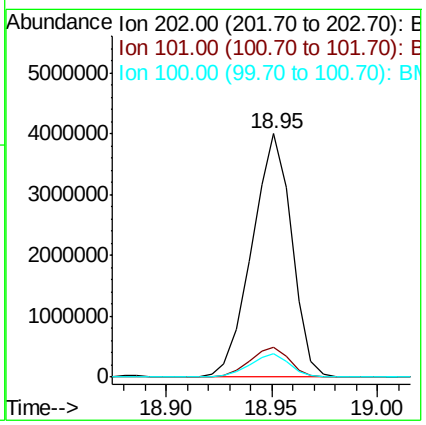


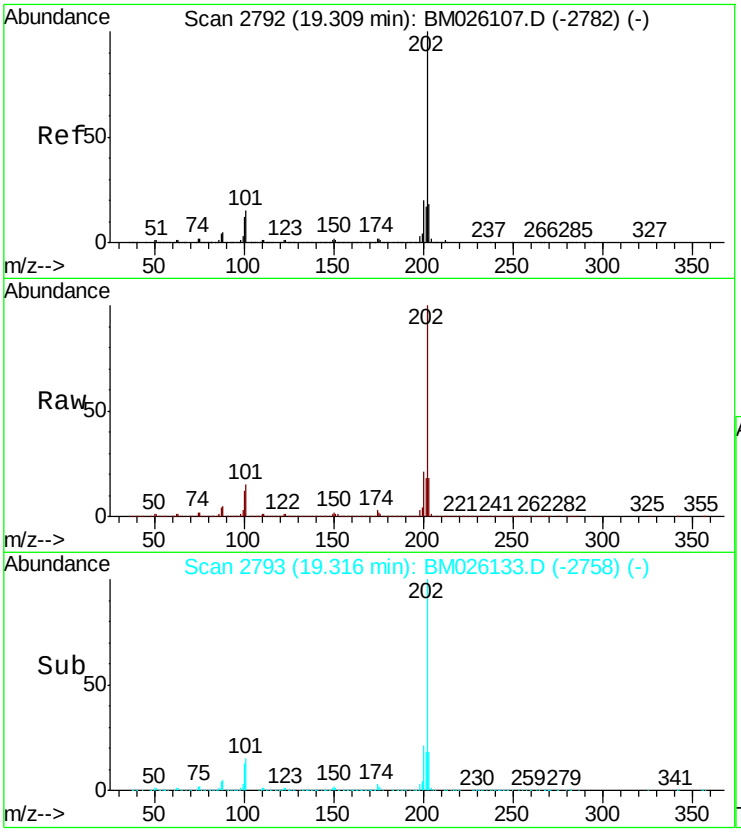


#77
Fluoranthene
Concen: 92.442 ng/ul
RT: 18.95 min Scan# 2731
Delta R.T. 0.01 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Tgt Ion:202 Resp: 5222754

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.5	14.3
100	9.5	7.6	11.4



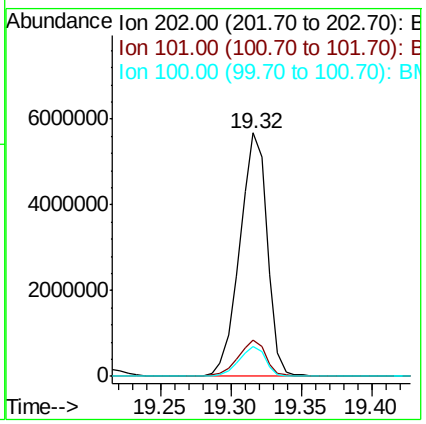


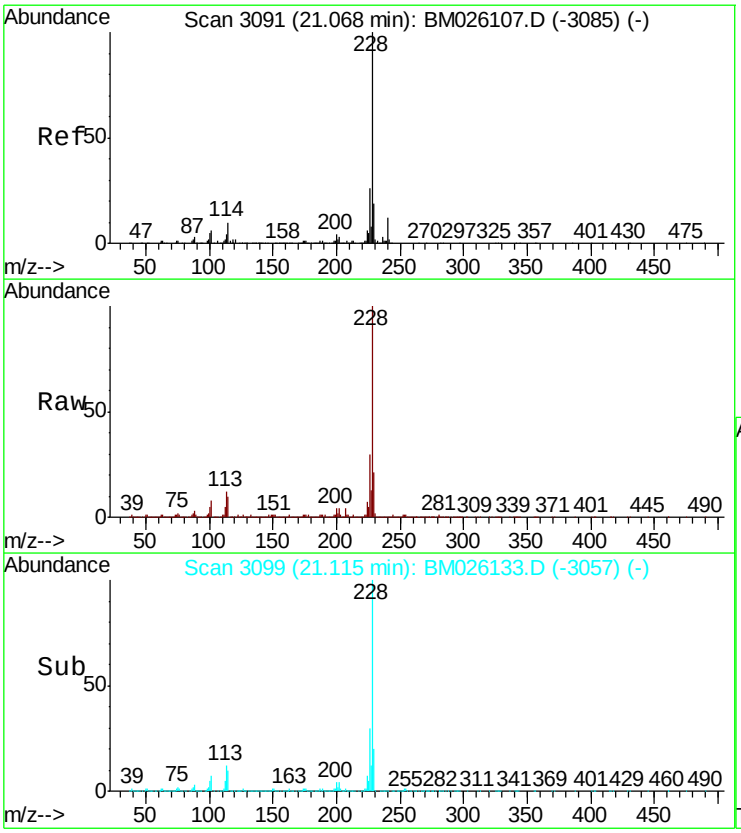
#80
Pyrene
Concen: 123.229 ng/ul
RT: 19.32 min Scan# 2793
Delta R.T. 0.01 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 7711506

Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.2	18.4
100	12.4	10.2	15.4

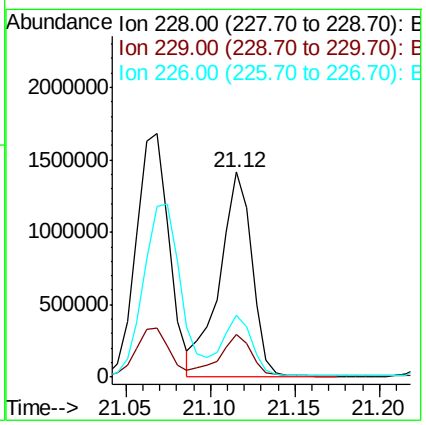


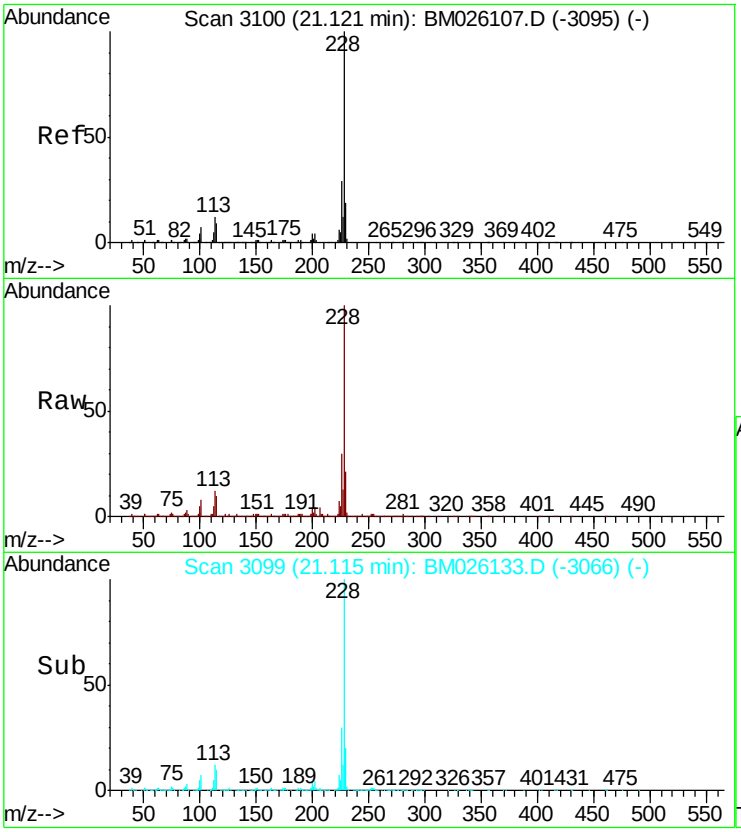


#83
Benzo(a)anthracene
Concen: 30.597 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. 0.05 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Tgt Ion:228 Resp: 1879914

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.5	23.3
226	30.0	21.2	31.8



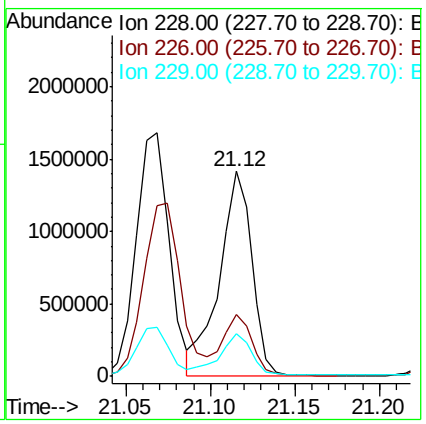


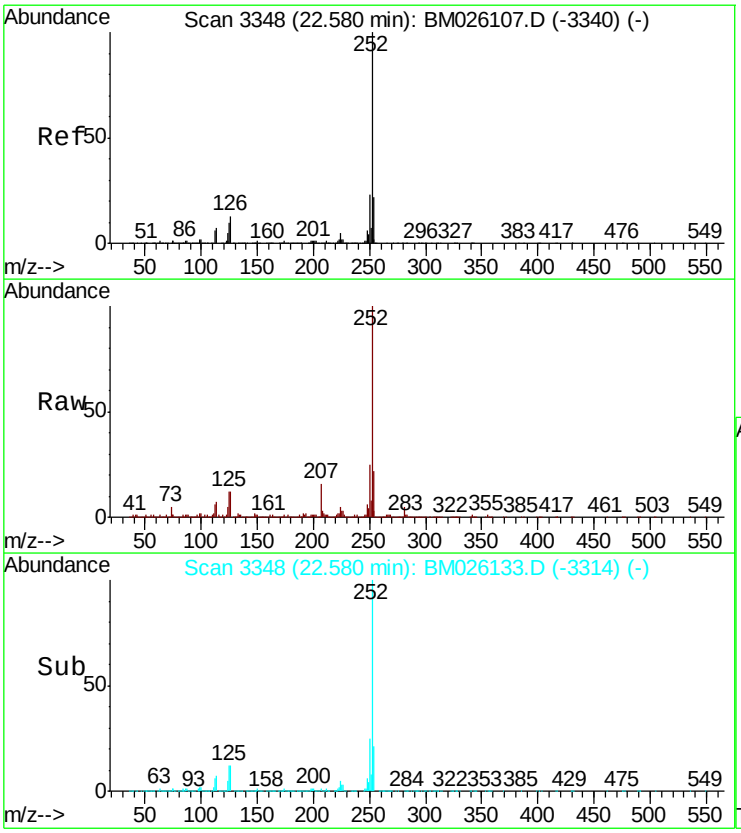
#85
Chrysene
Concen: 30.783 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1879914

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.0	34.6
229	20.7	15.5	23.3

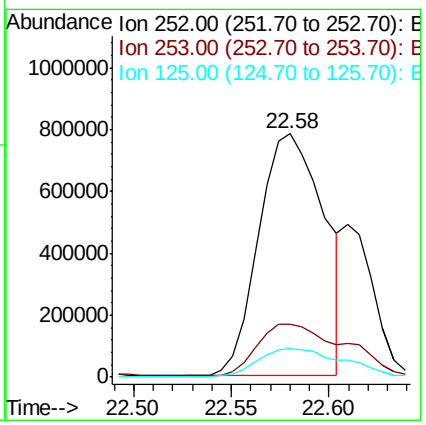


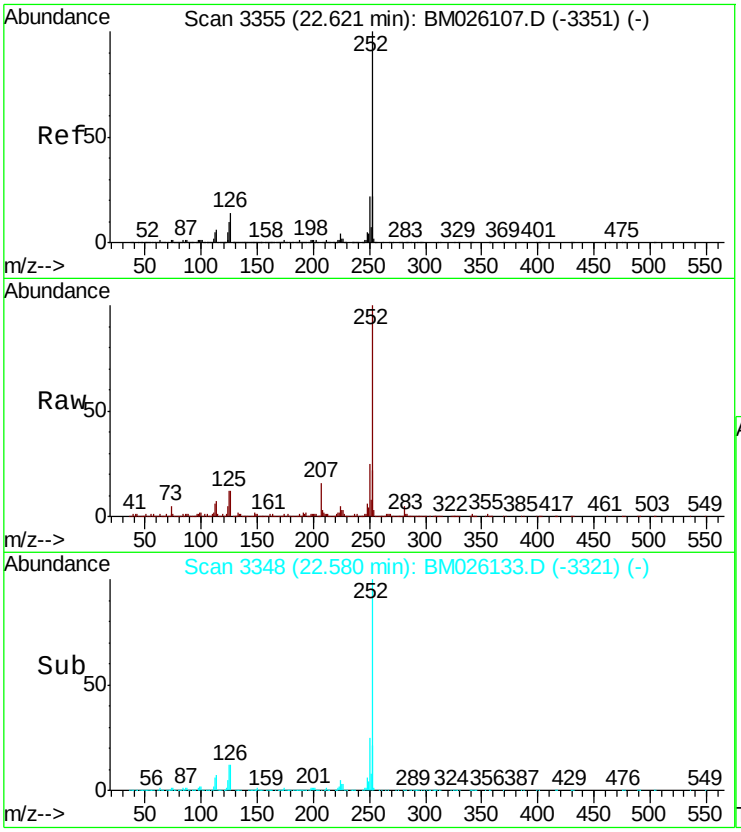


#88
Benzo(b)fluoranthene
Concen: 28.420 ng/ul
RT: 22.58 min Scan# 3348
Delta R.T. 0.00 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Tgt Ion:252 Resp: 1817294

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	12.0	8.9	13.3



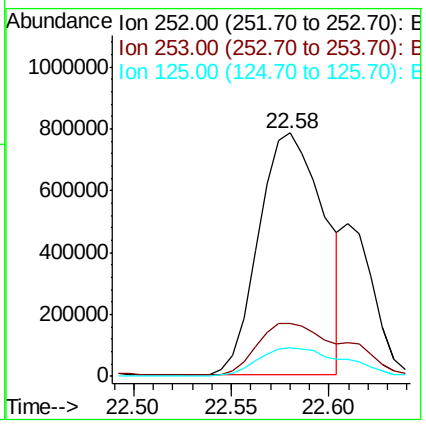


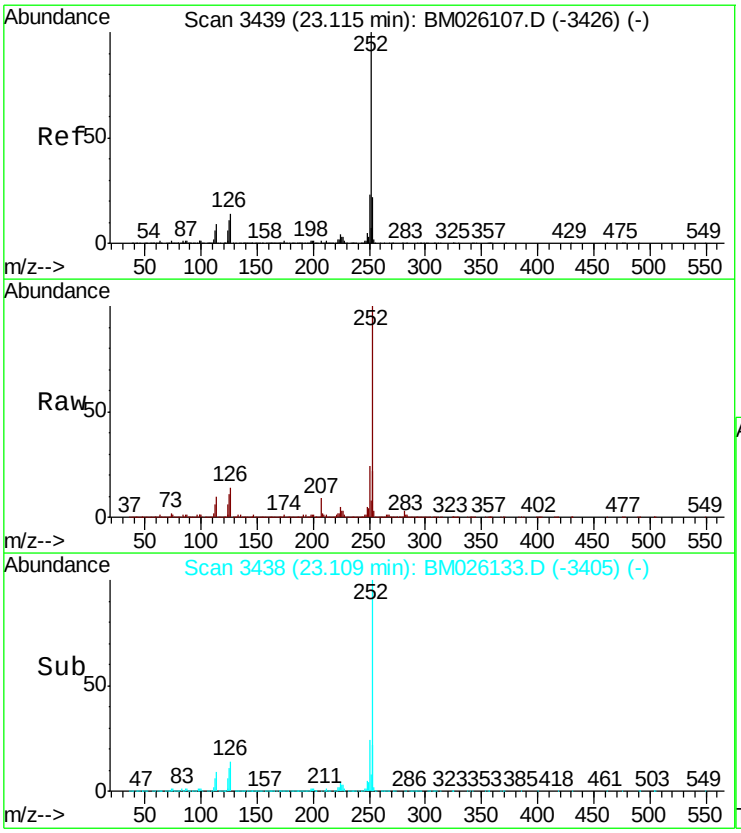
#89
Benzo(k)fluoranthene
Concen: 28.453 ng/ul
RT: 22.58 min Scan# 3348
Delta R.T. -0.04 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1817294

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.4
125	12.0	8.6	13.0

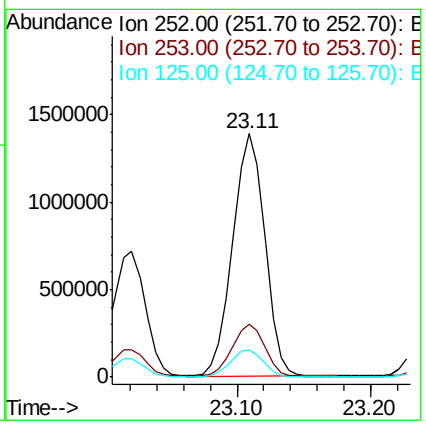


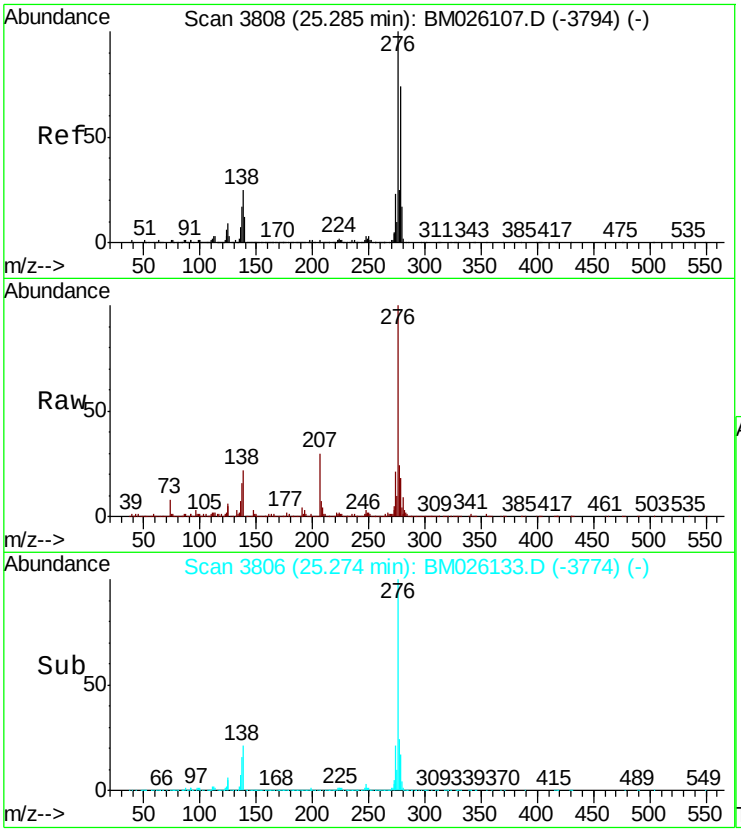


#91
Benzo(a)pyrene
Concen: 41.221 ng/ul
RT: 23.11 min Scan# 3438
Delta R.T. -0.01 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Tgt Ion:252 Resp: 2319640

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.4	9.8	14.6



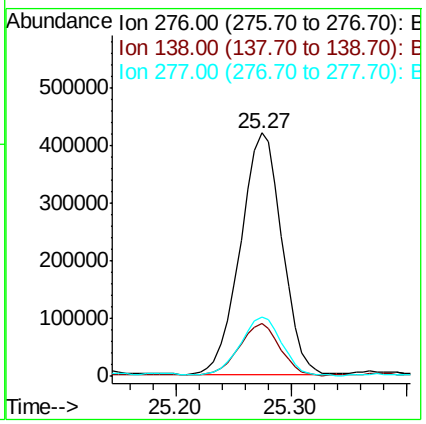


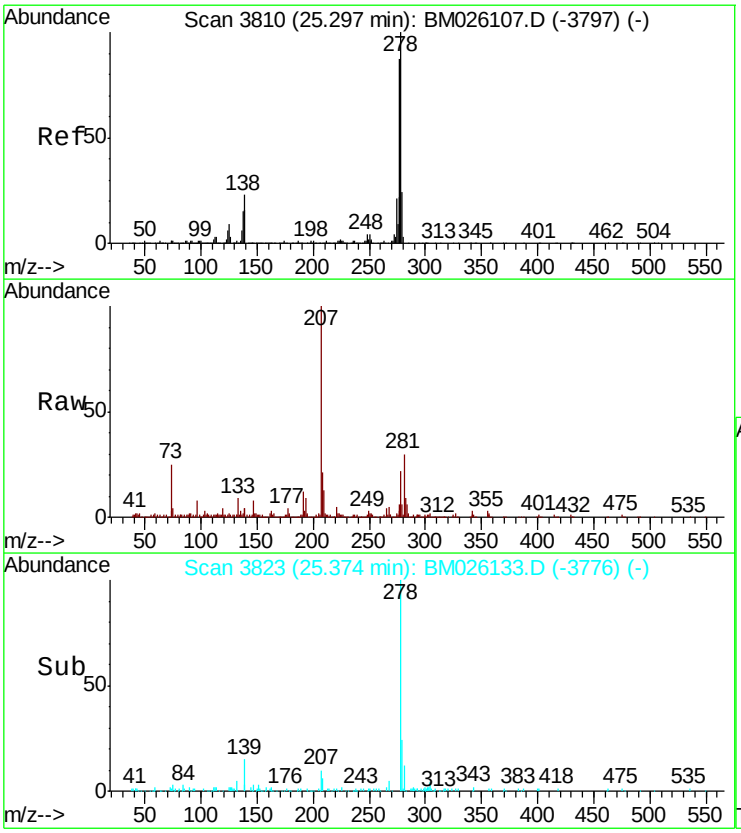
#92
Indeno(1,2,3-cd)pyrene
Concen: 14.319 ng/ul
RT: 25.27 min Scan# 3806
Delta R.T. -0.01 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1045758

Ion	Ratio	Lower	Upper
276	100		
138	21.6	21.6	32.4#
277	24.3	20.3	30.5

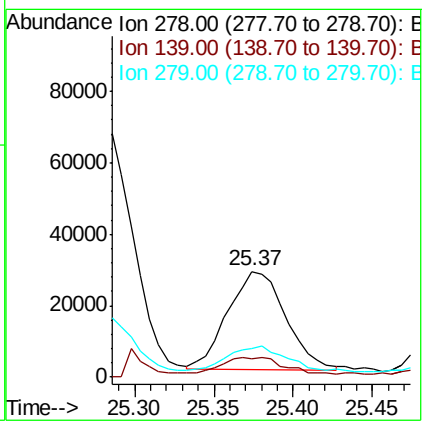


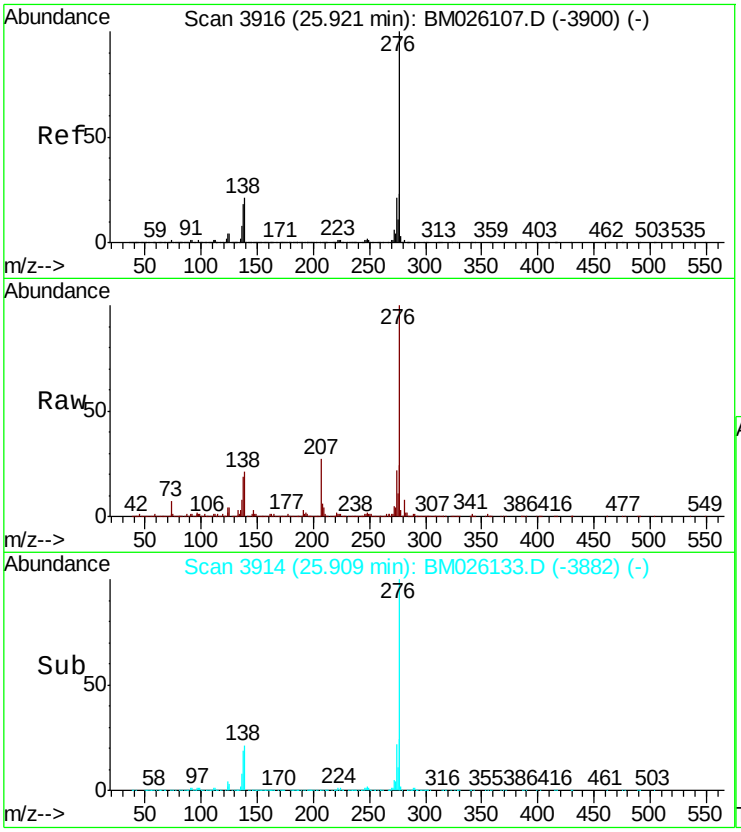


#93
Dibenzo(a,h)anthracene
Concen: 1.133 ng/ul
RT: 25.37 min Scan# 3823
Delta R.T. 0.08 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Tgt Ion:278 Resp: 70071

Ion	Ratio	Lower	Upper
278	100		
139	17.9	13.5	20.3
279	27.4	18.8	28.2





#94
Benzo(g,h,i)perylene
Concen: 21.499 ng/ul
RT: 25.91 min Scan# 3914
Delta R.T. -0.01 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1310548

Ion	Ratio	Lower	Upper
276	100		
138	21.2	18.7	28.1
277	23.7	18.8	28.2