Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052620\
Data File : BM026134.D
Acq On : 27 May 2020 03:59
Operator : MA/SJ
Sample : L2756-08 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETKX0

Quant Time: May 27 05:16:07 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	7.48	152	160038	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	658297	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	389936	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	823182	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	841099	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	892717	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	13680	2.58	ng/uL	0.00
5) Phenol-d5	6.68	99	43507	3.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	139826	13.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	129543	11.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	80144	7.33	ng/ul	-0.01
19) Nitrobenzene-d5	8.63	128	82624	15.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	84949	16.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	145994	13.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	3199	0.30	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	509224	16.28	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	599067	16.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	13605	2.46	ng/ul	0.00
58) Fluorene-d10	15.13	176	446202	16.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	63232	13.17	ng/ul	0.00
71) Anthracene-d10	16.98	188	700276	17.26	ng/ul	0.00
79) Pyrene-d10	19.28	212	773574	17.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	719456	15.14	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.29	105	20443	1.114	ng/ul#	36
17) Hexachloroethane	8.52	117	16137	3.037	ng/ul#	10
28) Naphthalene	10.30	128	9705380	241.130	ng/ul	99
30) 4-Chloroaniline	10.30	127	1289708	114.202	ng/ul#	13
34) 2-Methylnaphthalene	11.92	142	1642809	60.683	ng/ul	98
35) 1-Methylnaphthalene	12.15	142	1051556	41.867	ng/ul	99
41) 1,1'-Biphenyl	12.96	154	549627	15.885	ng/ul	98
45) Dimethylphthalate	13.60	163	129086	3.932	ng/ul	99
48) Acenaphthylene	13.84	152	2234066	54.929	ng/ul	98
50) Acenaphthene	14.19	153	145128	5.060	ng/ul	97
59) Fluorene	15.19	166	809631	24.829	ng/ul	100
61) 4-Nitroaniline	15.19	138	9132	1.363	ng/ul#	16
70) Phenanthrene	16.93	178	4519125	87.153	ng/ul	99
72) Anthracene	17.01	178	1254529	24.115	ng/ul	98
77) Fluoranthene	18.94	202	2217169	40.763	ng/ul	99
80) Pyrene	19.31	202	3306118	55.991	ng/ul	98
83) Benzo(a)anthracene	21.12	228	736689	12.707	ng/ul	96
85) Chrysene	21.12	228	738405	12.814	ng/ul	98
88) Benzo(b)fluoranthene	22.57	252	756937	12.535	ng/ul	98
89) Benzo(k)fluoranthene	22.57	252	756937	12.550	ng/ul	98
91) Benzo(a)pyrene	23.10	252	925476	17.416	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.27	276	419558	6.083	ng/ul	95
93) Dibenzo(a,h)anthracene	25.27	278	80749	1.383	ng/ul#	83

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052620\
Data File : BM026134.D
Acq On : 27 May 2020 03:59
Operator : MA/SJ
Sample : L2756-08 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETKX0

Quant Time: May 27 05:16:07 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)
94) Benzo(g,h,i)perylene	25.90	276	540210	9.384	ng/ul	98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052620\
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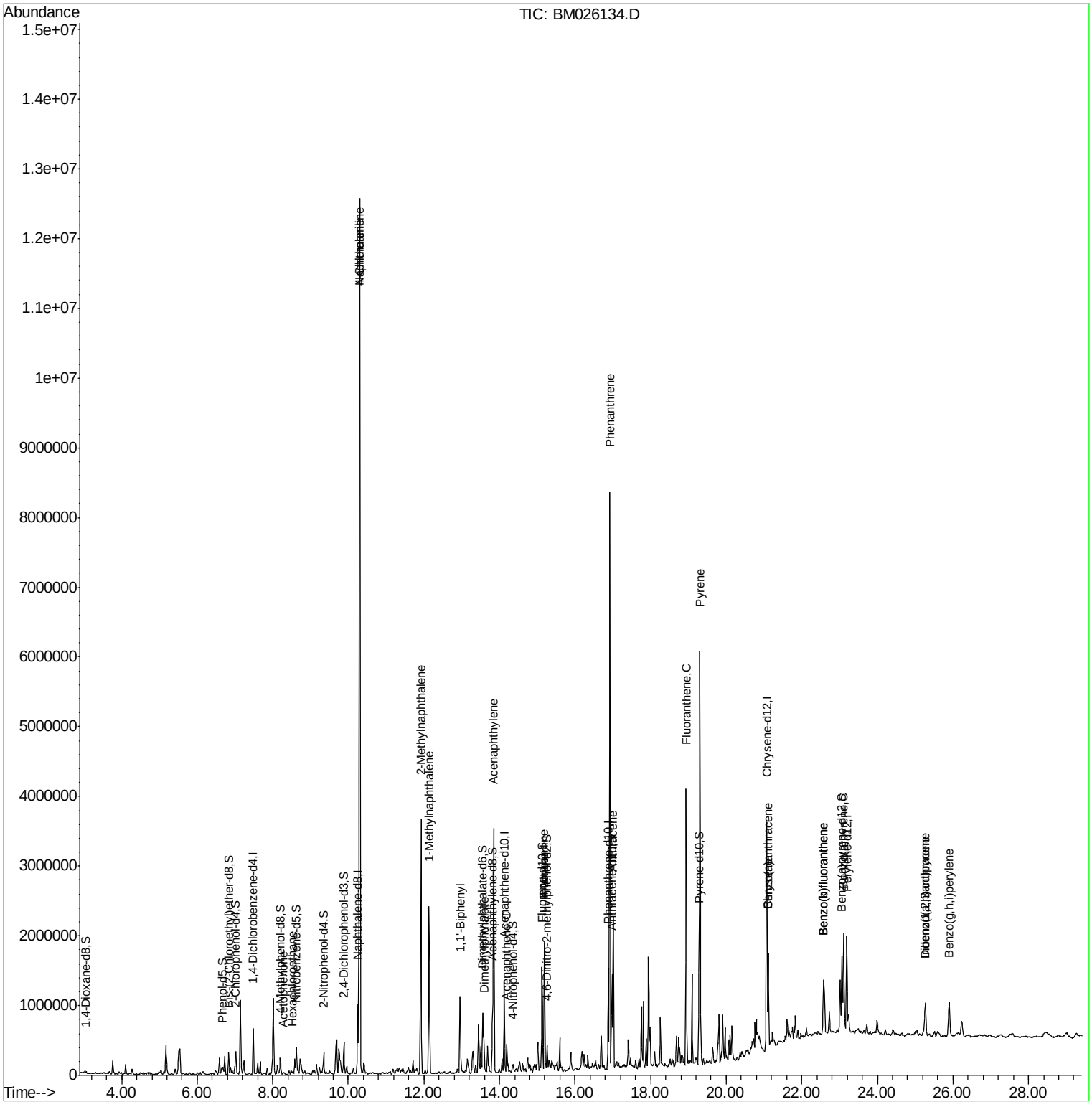
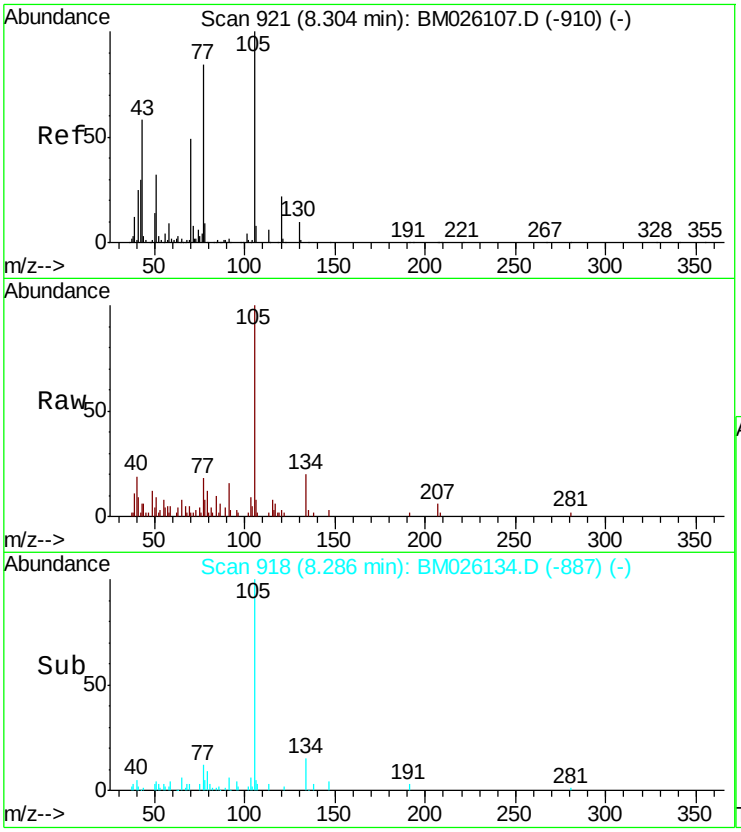
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 26 11:15:44 2020
Response via : Initial Calibration



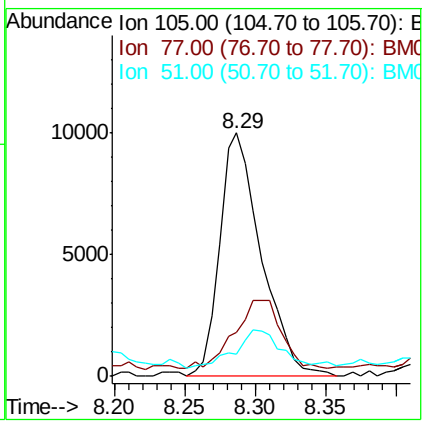


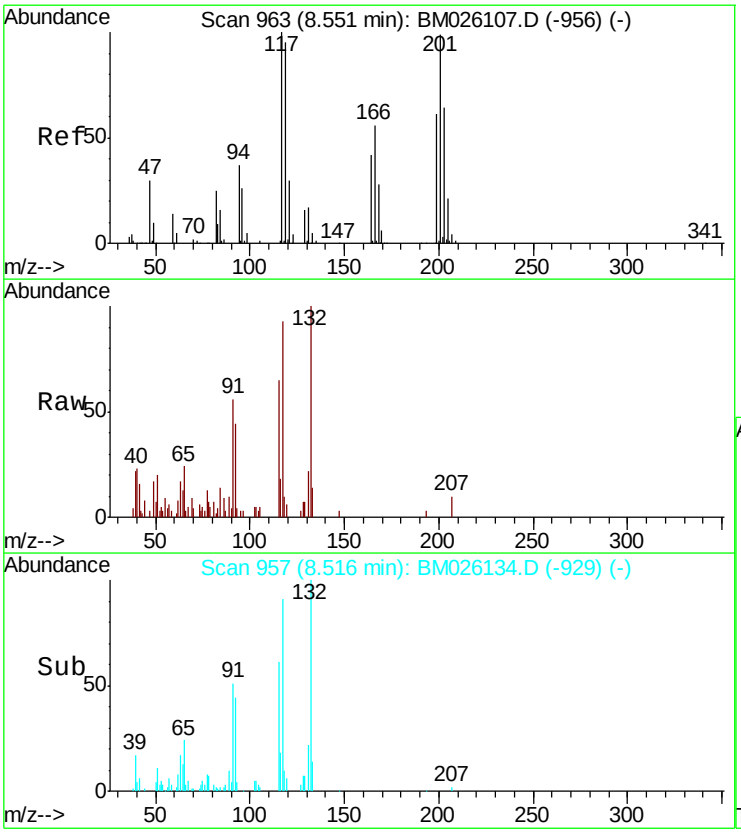
#14
Acetophenone
Concen: 1.114 ng/ul
RT: 8.29 min Scan# 918
Delta R.T. -0.02 min
Lab File: BM026134.D
Acq: 27 May 2020 03:59

Instrument :
BNA_M
ClientSampleId :
ETKX0

Tgt Ion:105 Resp: 20443

Ion	Ratio	Lower	Upper
105	100		
77	17.8	67.2	100.8#
51	9.2	27.4	41.0#

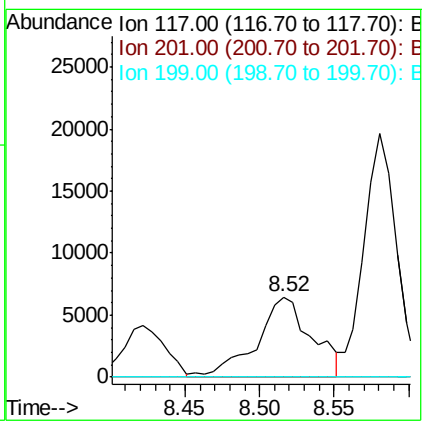


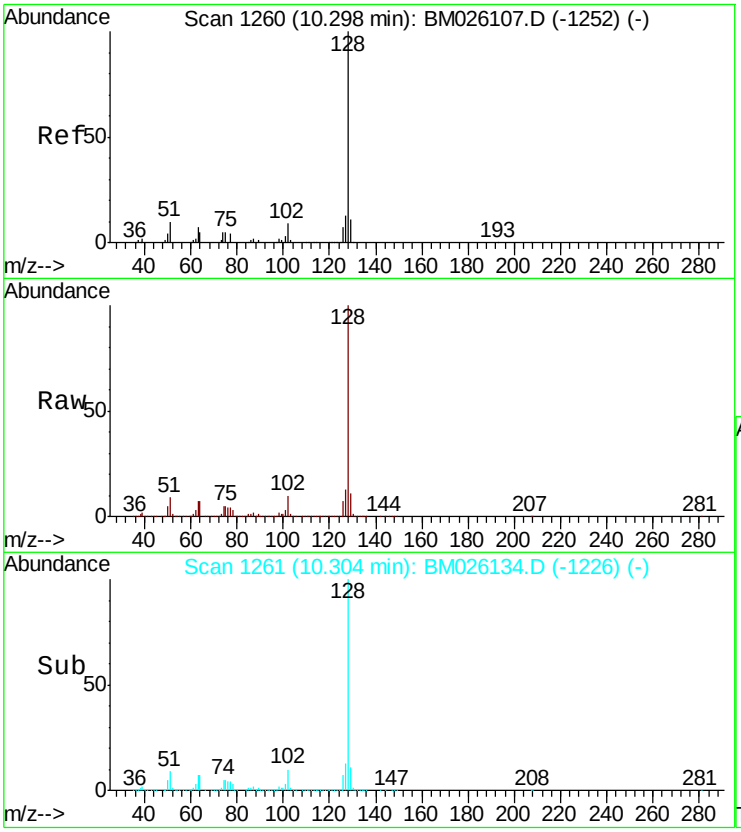


#17
Hexachloroethane
Concen: 3.037 ng/ul
RT: 8.52 min Scan# 957
Delta R.T. -0.04 min
Lab File: BM026134.D
Acq: 27 May 2020 03:59

Tgt Ion:117 Resp: 16137

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



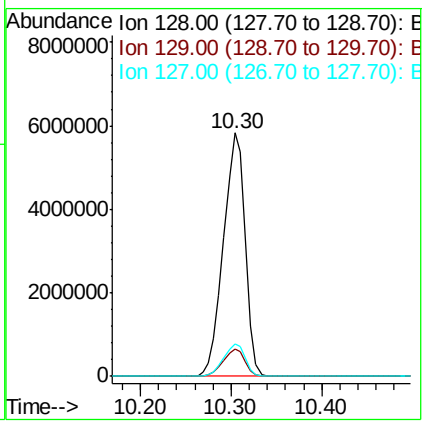


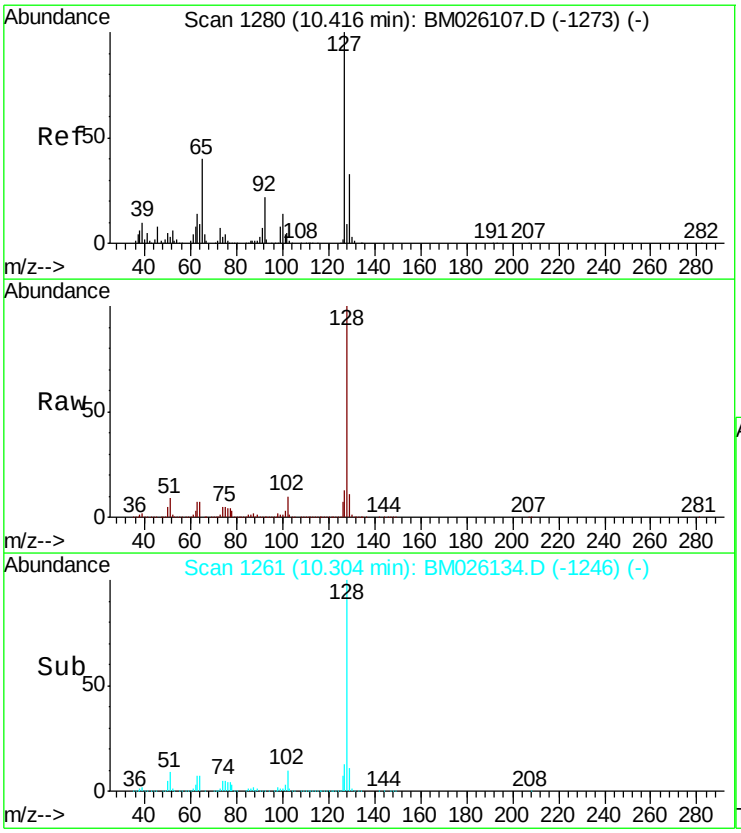
#28
Naphthalene
Concen: 241.130 ng/ul
RT: 10.30 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BM026134.D
Acq: 27 May 2020 03:59

Instrument :
BNA_M
ClientSampleId :
ETKX0

Tgt Ion:128 Resp: 9705380

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.5	10.6	15.8

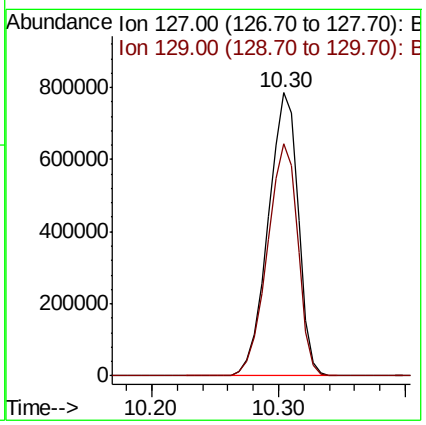


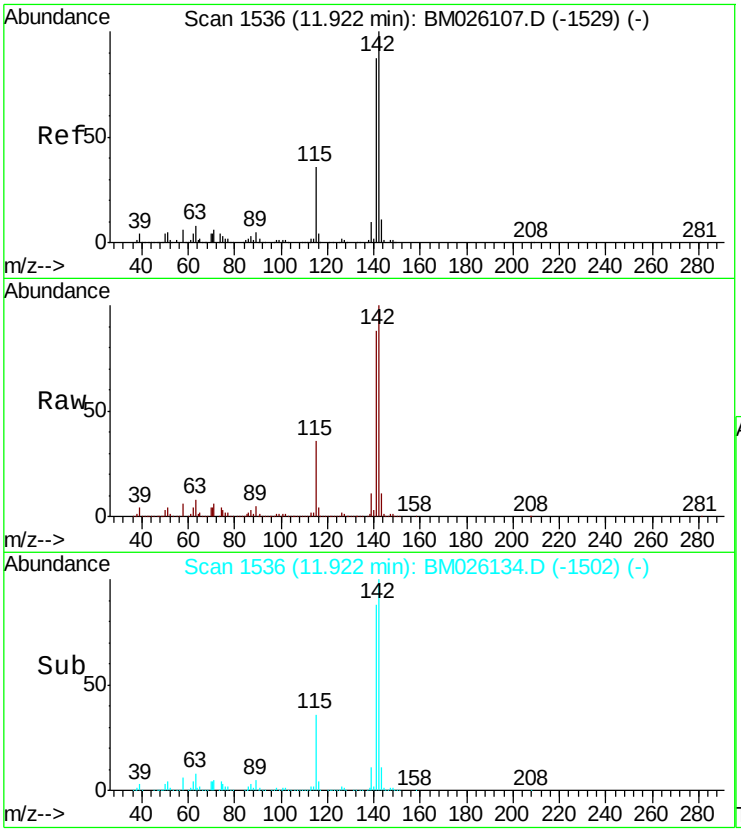


#30
4-Chloroaniline
Concen: 114.202 ng/ul
RT: 10.30 min Scan# 1261
Delta R.T. -0.11 min
Lab File: BM026134.D
Acq: 27 May 2020 03:59

Tgt Ion:127 Resp: 1289708

Ion	Ratio	Lower	Upper
127	100		
129	81.8	26.2	39.2#



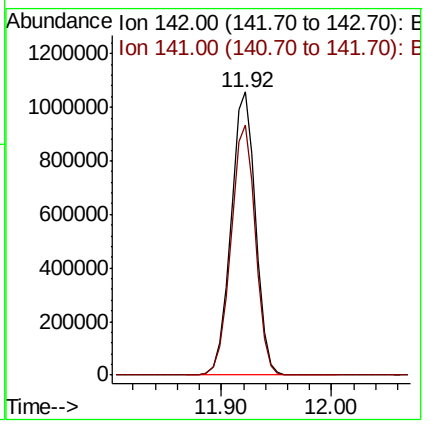


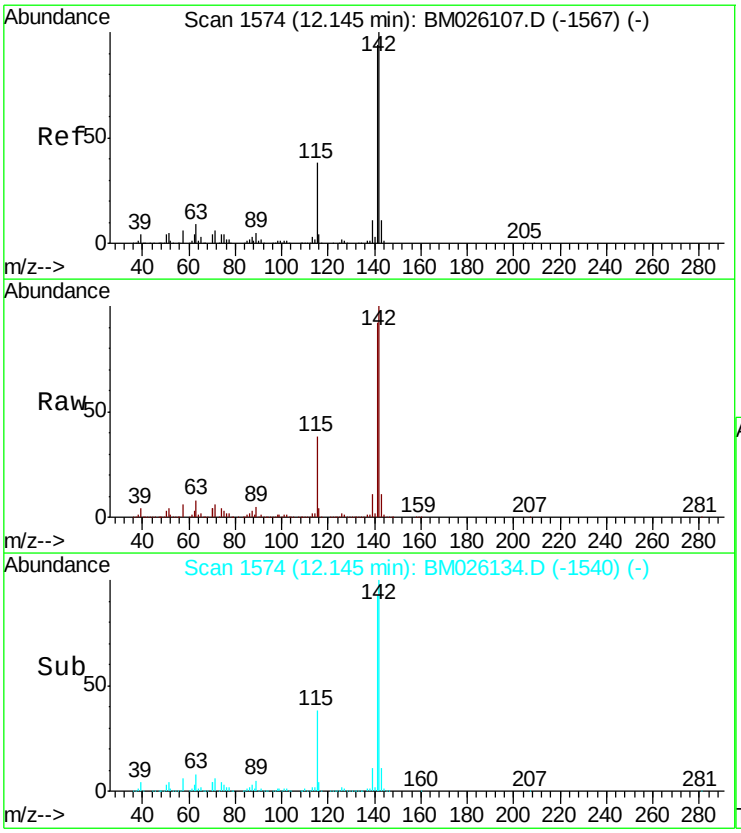
#34
2-Methylnaphthalene
Concen: 60.683 ng/ul
RT: 11.92 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BM026134.D
Acq: 27 May 2020 03:59

Instrument :
BNA_M
ClientSampleId :
ETKX0

Tgt Ion:142 Resp: 1642809

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.8	107.6

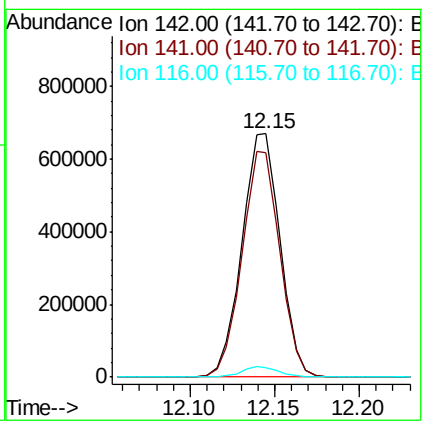


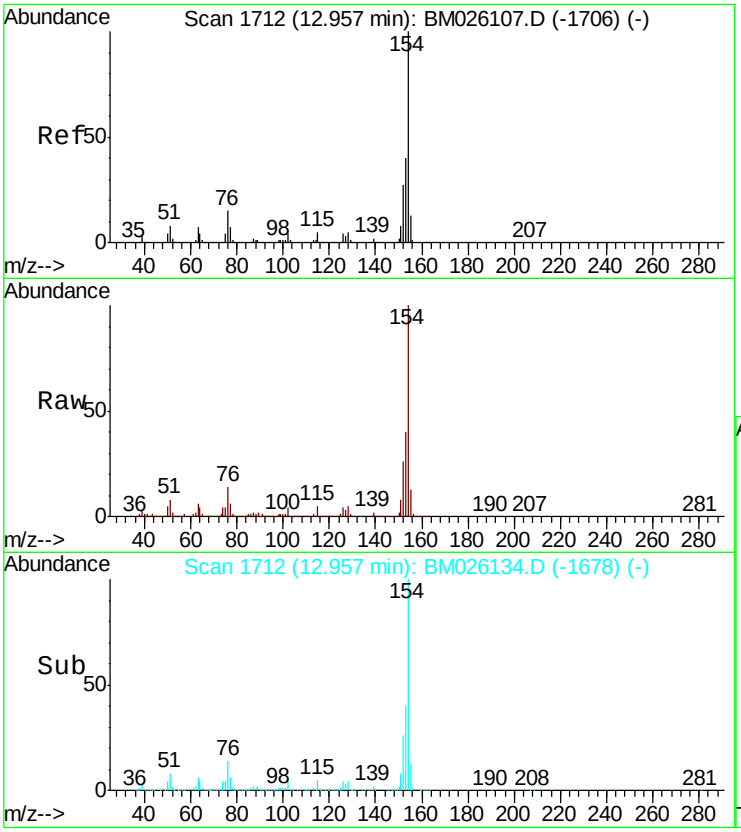


#35
1-Methylnaphthalene
Concen: 41.867 ng/ul
RT: 12.15 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BM026134.D
Acq: 27 May 2020 03:59

Tgt Ion:142 Resp: 1051556

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.0	109.4
116	4.0	3.3	4.9



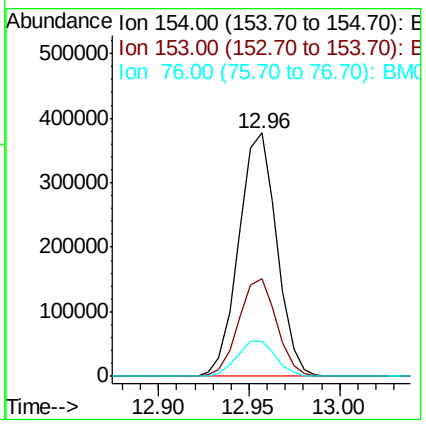


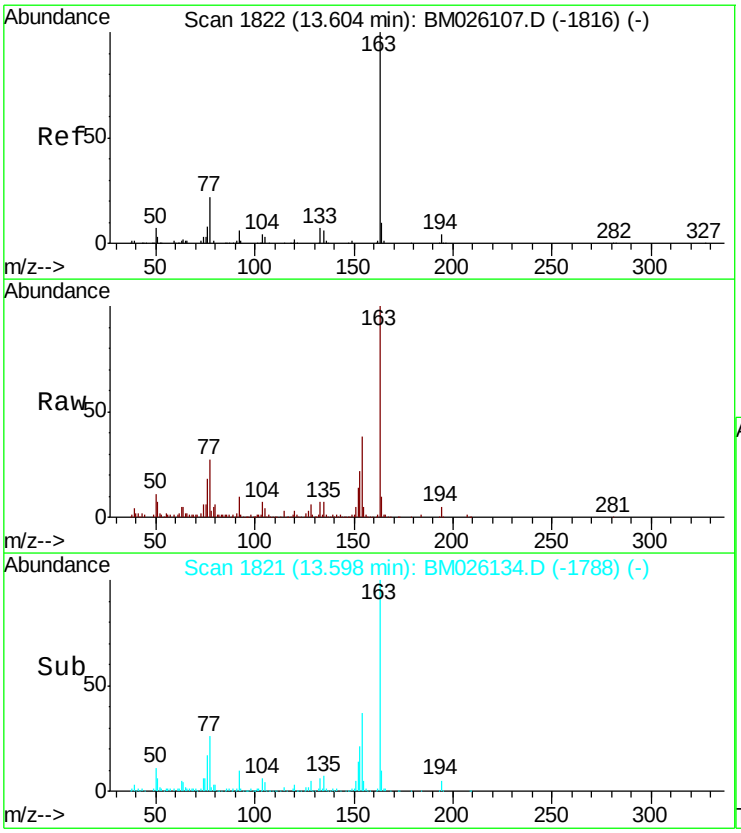
#41
1,1'-Biphenyl
Concen: 15.885 ng/ul
RT: 12.96 min Scan# 1712
Delta R.T. -0.00 min
Lab File: BM026134.D
Acq: 27 May 2020 03:59

Instrument :
BNA_M
ClientSampleId :
ETKX0

Tgt Ion:154 Resp: 549627

Ion	Ratio	Lower	Upper
154	100		
153	39.9	32.3	48.5
76	14.1	13.0	19.6

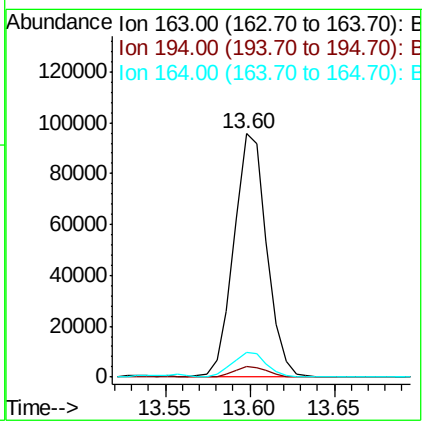


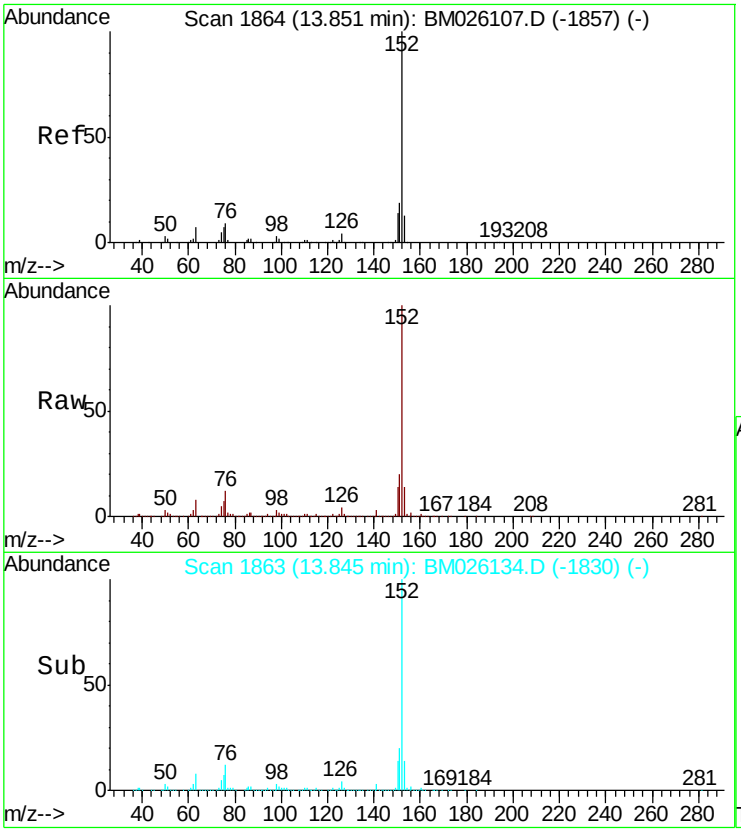


#45
Dimethylphthalate
Concen: 3.932 ng/ul
RT: 13.60 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BM026134.D
Acq: 27 May 2020 03:59

Tgt Ion:163 Resp: 129086

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	10.1	8.0	12.0



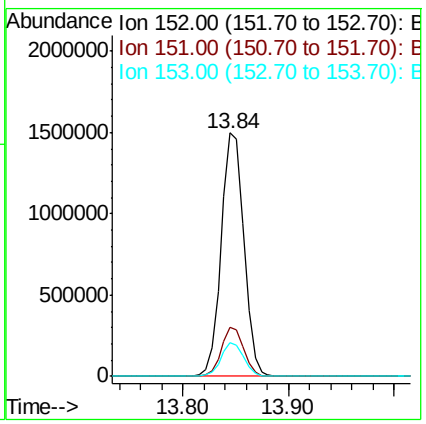


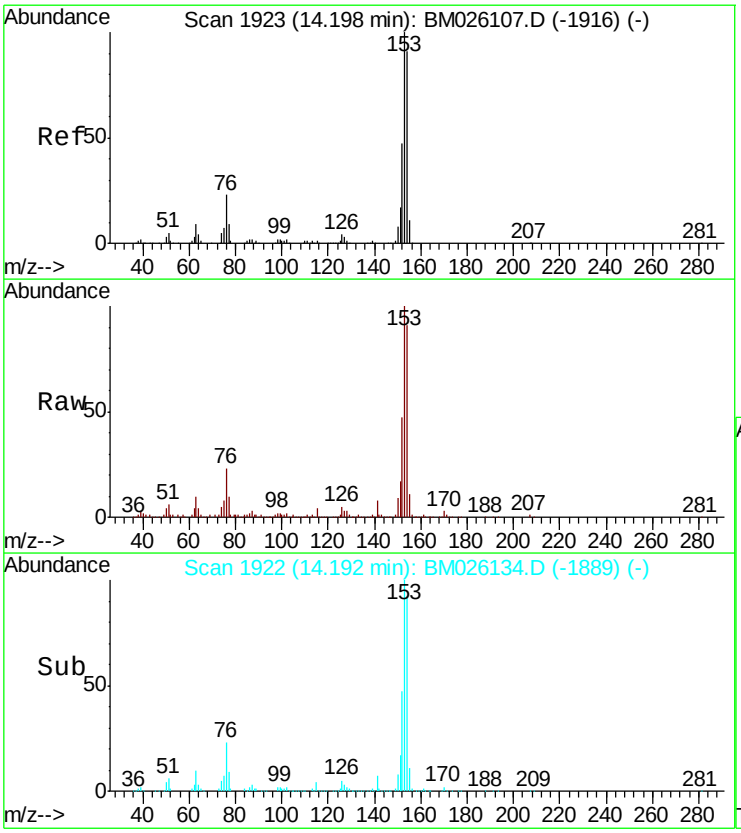
#48
Acenaphthylene
Concen: 54.929 ng/ul
RT: 13.84 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BM026134.D
Acq: 27 May 2020 03:59

Instrument :
BNA_M
ClientSampleId :
ETKX0

Tgt Ion:152 Resp: 2234066

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	13.6	10.2	15.2

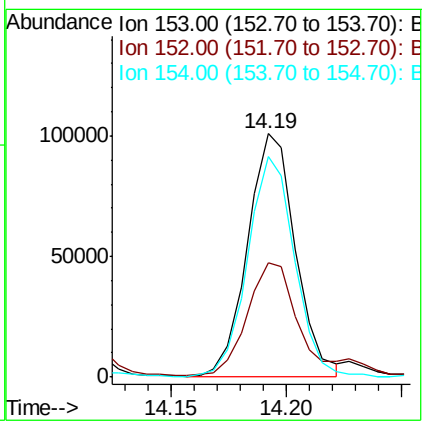


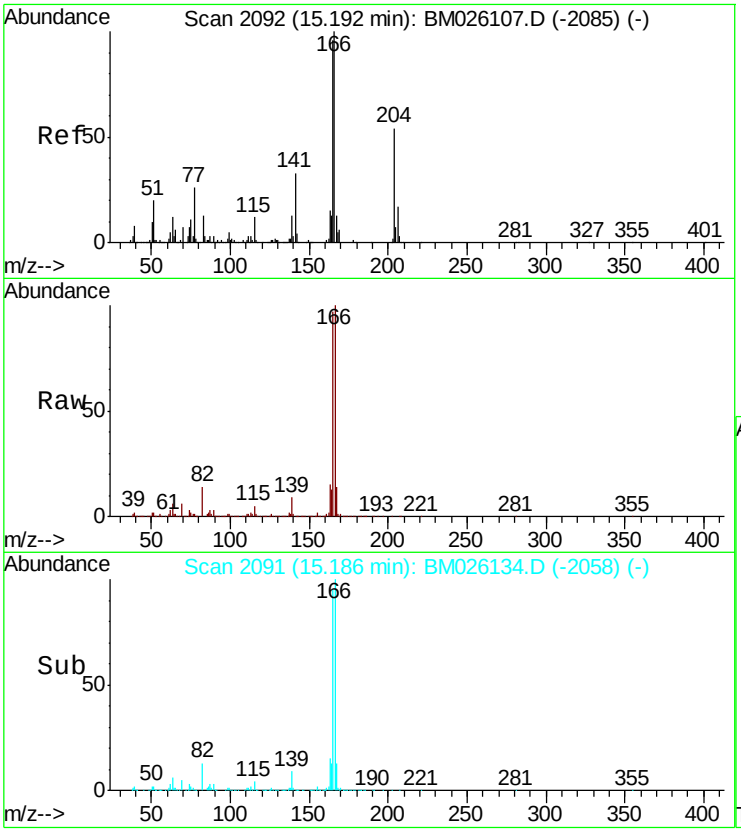


#50
Acenaphthene
Concen: 5.060 ng/ul
RT: 14.19 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BM026134.D
Acq: 27 May 2020 03:59

Tgt Ion:153 Resp: 145128

Ion	Ratio	Lower	Upper
153	100		
152	47.1	37.2	55.8
154	90.8	69.8	104.8



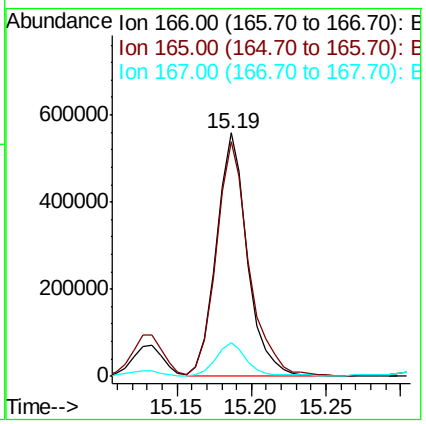


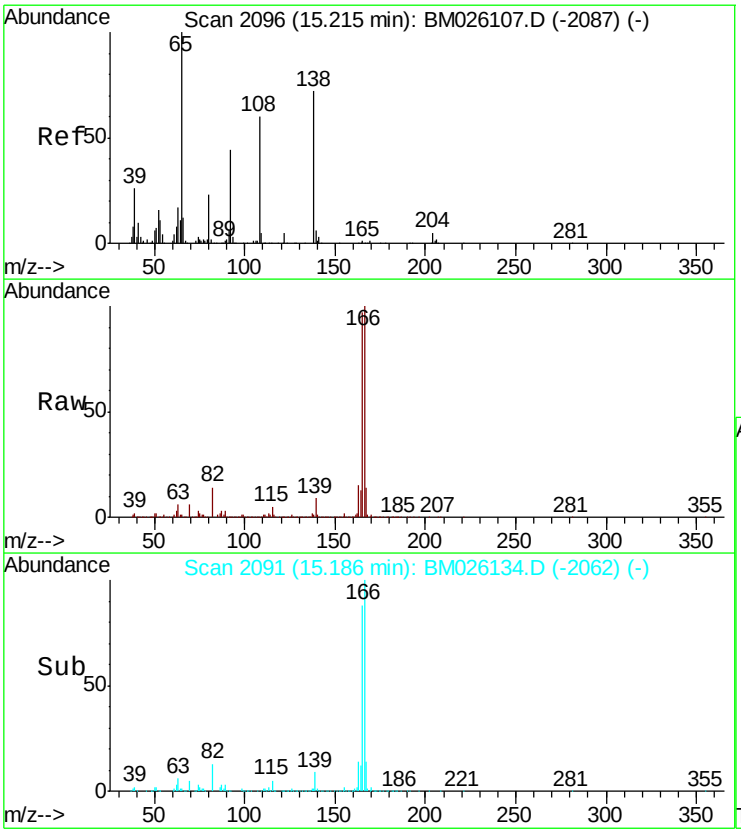
#59
Fluorene
Concen: 24.829 ng/ul
RT: 15.19 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BM026134.D
Acq: 27 May 2020 03:59

Instrument :
BNA_M
ClientSampleId :
ETKX0

Tgt Ion:166 Resp: 809631

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.3	115.9
167	13.7	10.6	16.0

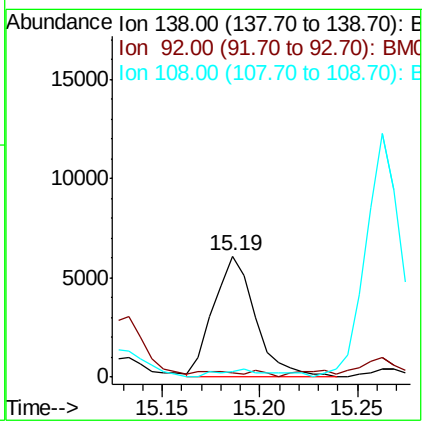


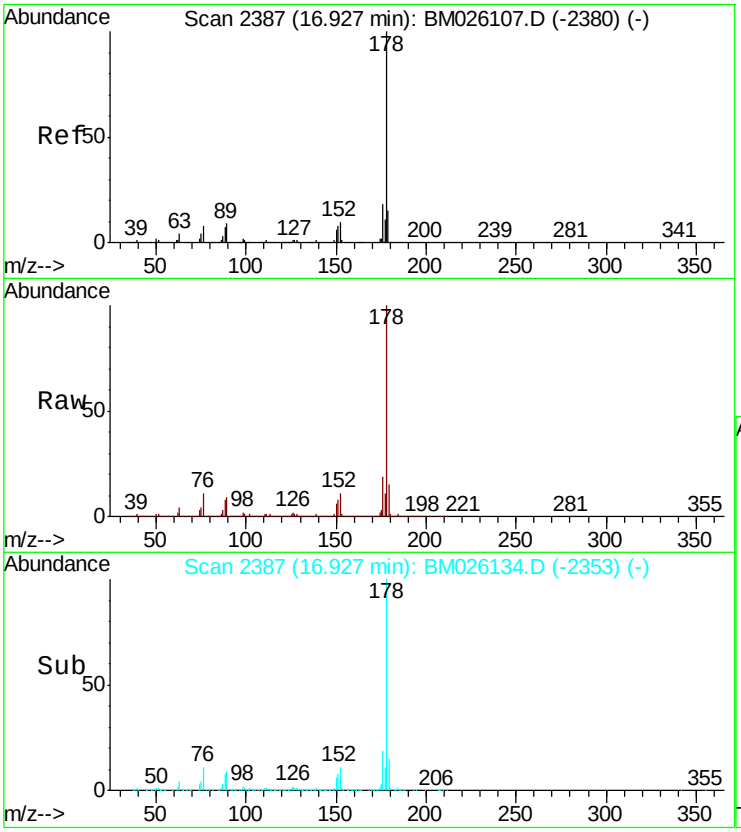


#61
4-Nitroaniline
Concen: 1.363 ng/ul
RT: 15.19 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BM026134.D
Acq: 27 May 2020 03:59

Tgt Ion:138 Resp: 9132

Ion	Ratio	Lower	Upper
138	100		
92	3.2	49.4	74.2#
108	4.2	68.3	102.5#



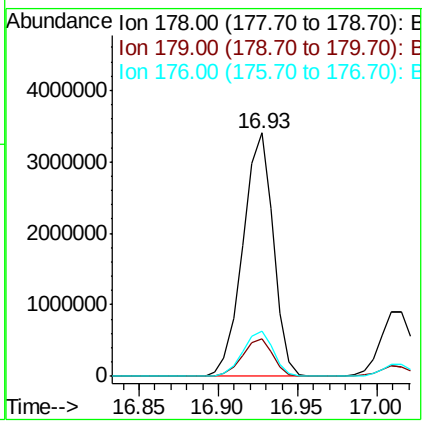


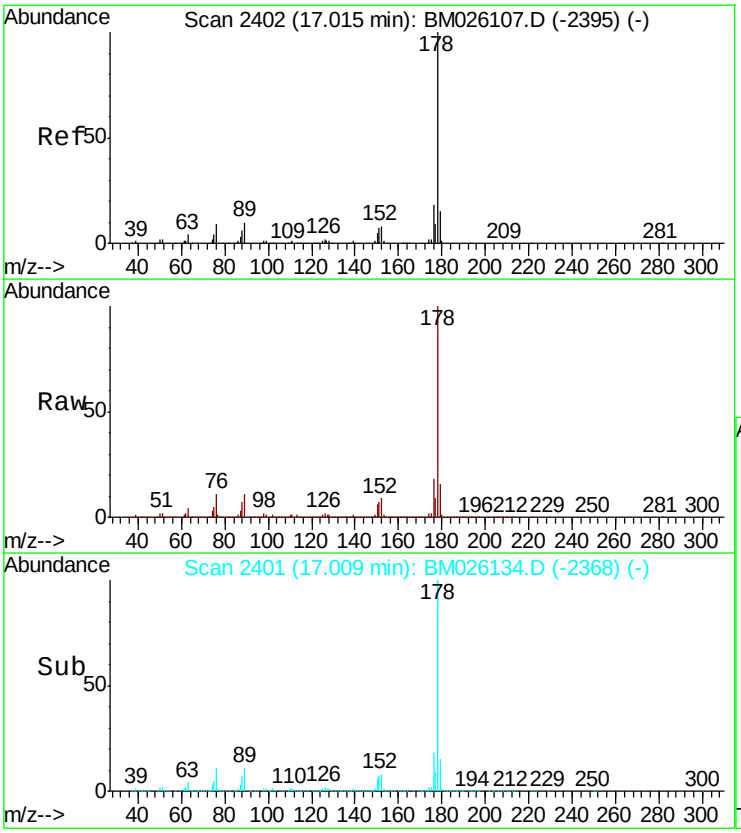
#70
Phenanthrene
Concen: 87.153 ng/ul
RT: 16.93 min Scan# 2387
Delta R.T. -0.00 min
Lab File: BM026134.D
Acq: 27 May 2020 03:59

Instrument :
BNA_M
ClientSampleId :
ETKX0

Tgt Ion:178 Resp: 4519125

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.9	17.9
176	18.8	14.9	22.3

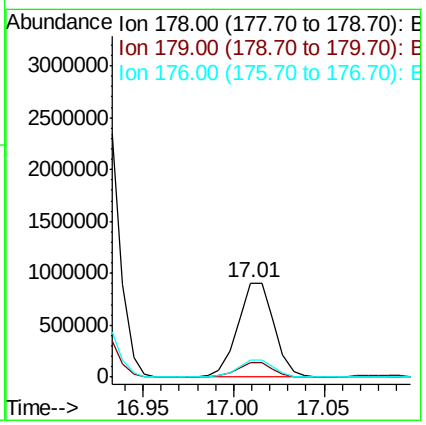


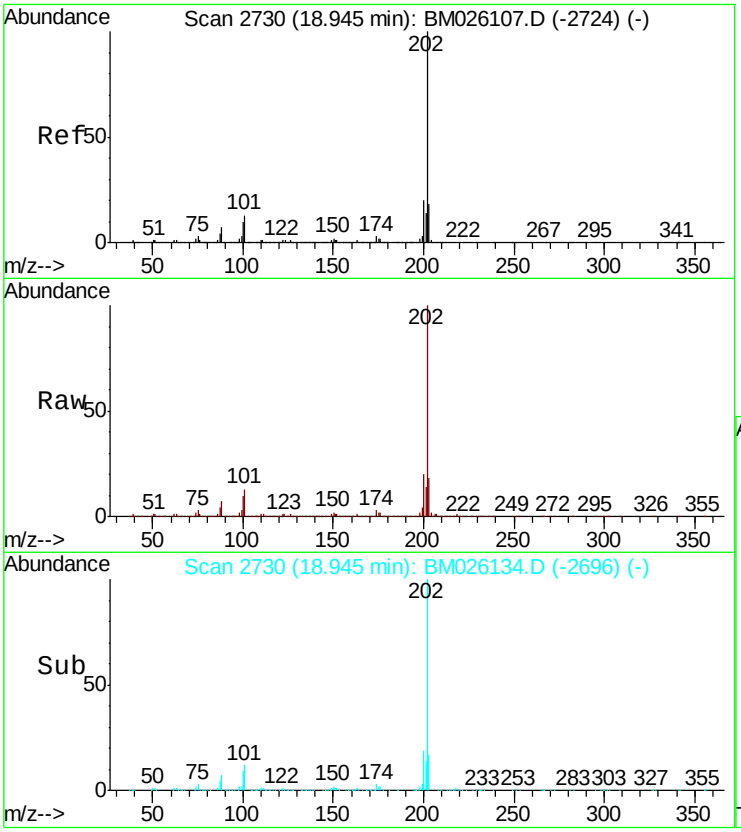


#72
Anthracene
Concen: 24.115 ng/ul
RT: 17.01 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM026134.D
Acq: 27 May 2020 03:59

Tgt Ion:178 Resp: 1254529

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	17.6	14.9	22.3



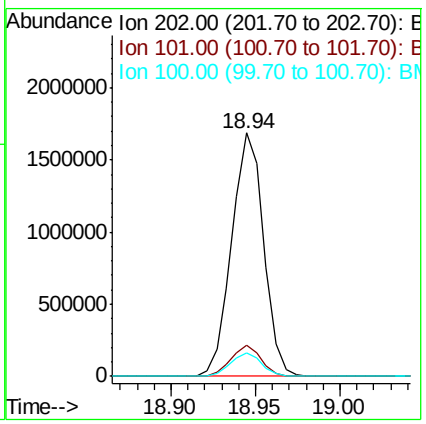


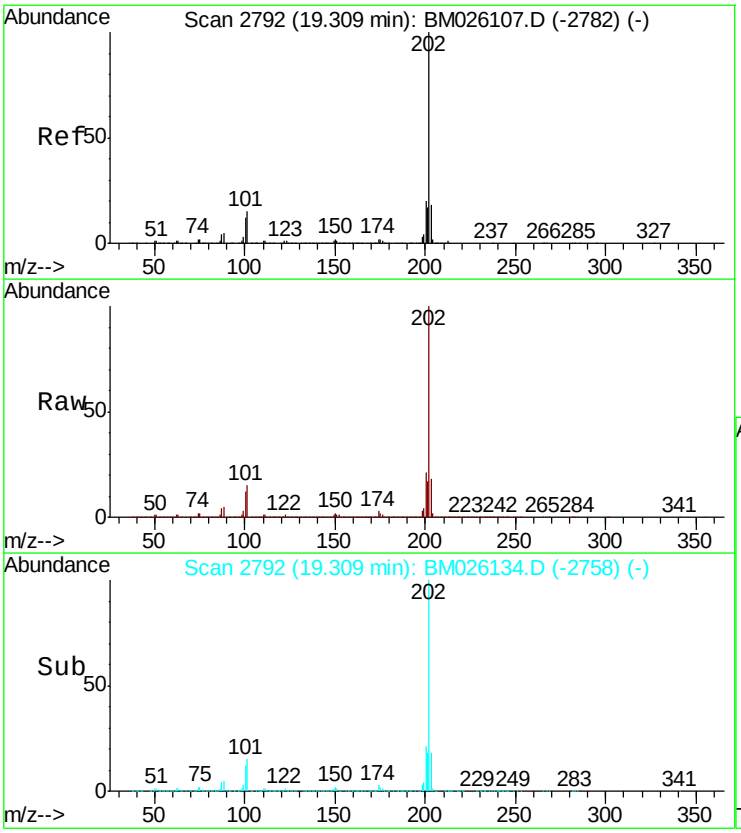
#77
Fluoranthene
Concen: 40.763 ng/ul
RT: 18.94 min Scan# 2730
Delta R.T. -0.00 min
Lab File: BM026134.D
Acq: 27 May 2020 03:59

Instrument :
BNA_M
ClientSampleId :
ETKX0

Tgt Ion:202 Resp: 2217169

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.5	14.3
100	9.7	7.6	11.4

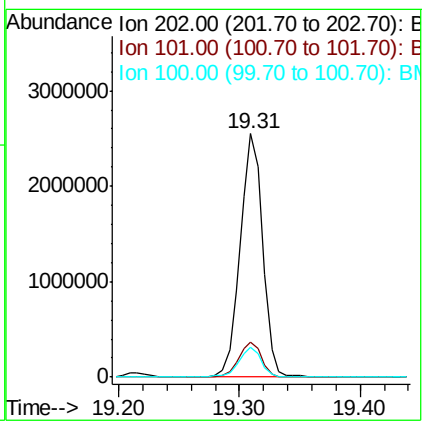


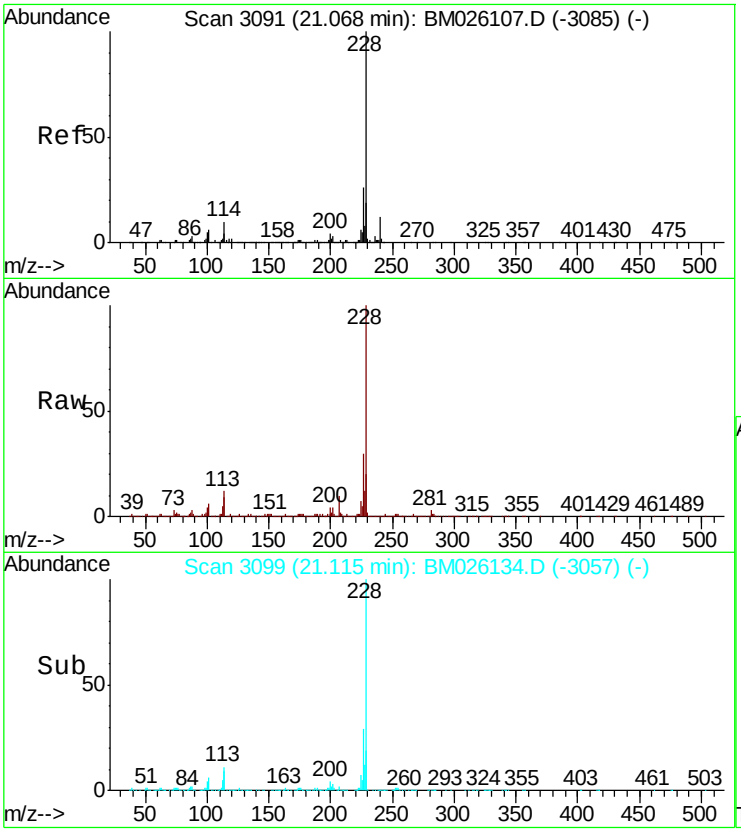


#80
Pyrene
Concen: 55.991 ng/ul
RT: 19.31 min Scan# 2792
Delta R.T. -0.00 min
Lab File: BM026134.D
Acq: 27 May 2020 03:59

Tgt Ion:202 Resp: 3306118

Ion	Ratio	Lower	Upper
202	100		
101	14.6	12.2	18.4
100	12.0	10.2	15.4



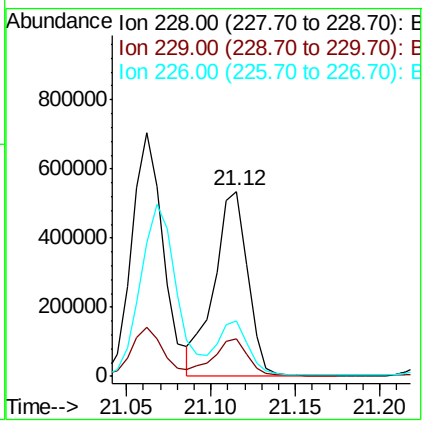


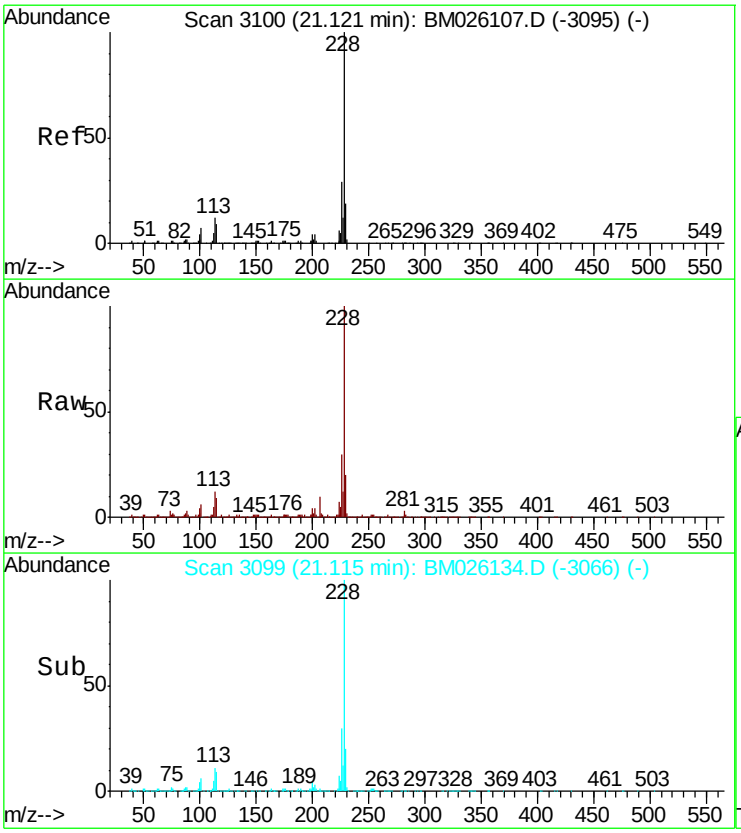
#83
Benzo(a)anthracene
Concen: 12.707 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. 0.05 min
Lab File: BM026134.D
Acq: 27 May 2020 03:59

Instrument :
BNA_M
ClientSampleId :
ETKX0

Tgt Ion:228 Resp: 736689

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.5	23.3
226	29.8	21.2	31.8

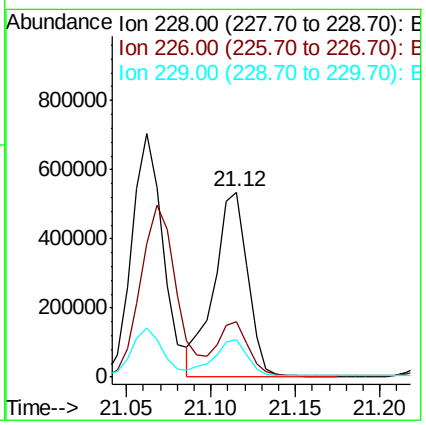


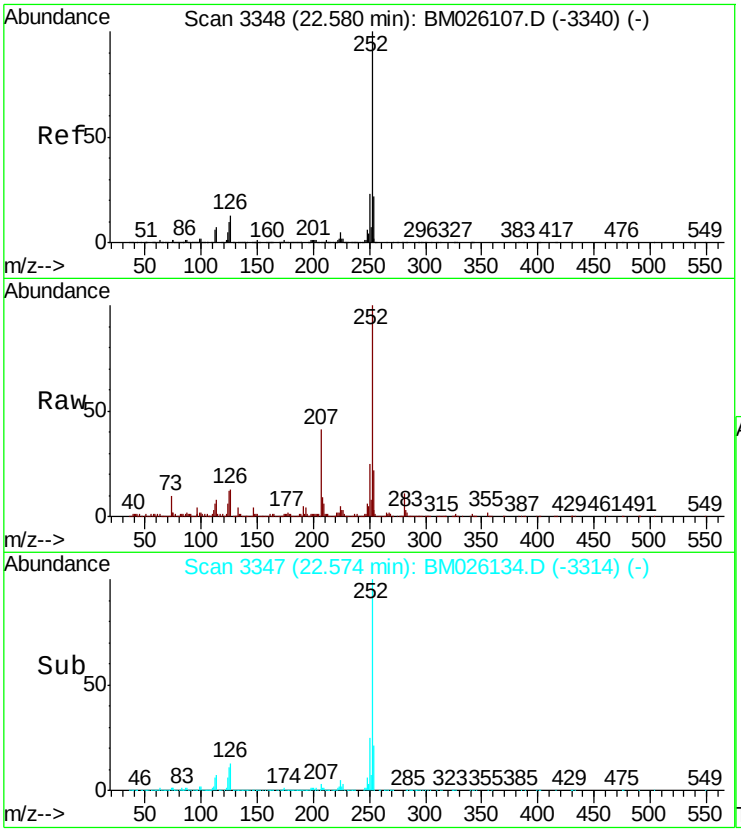


#85
Chrysene
Concen: 12.814 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM026134.D
Acq: 27 May 2020 03:59

Tgt Ion:228 Resp: 738405

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.0	34.6
229	19.9	15.5	23.3



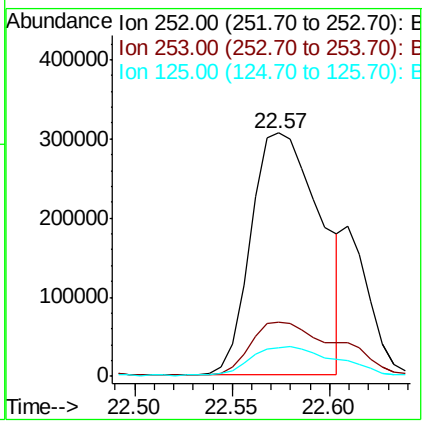


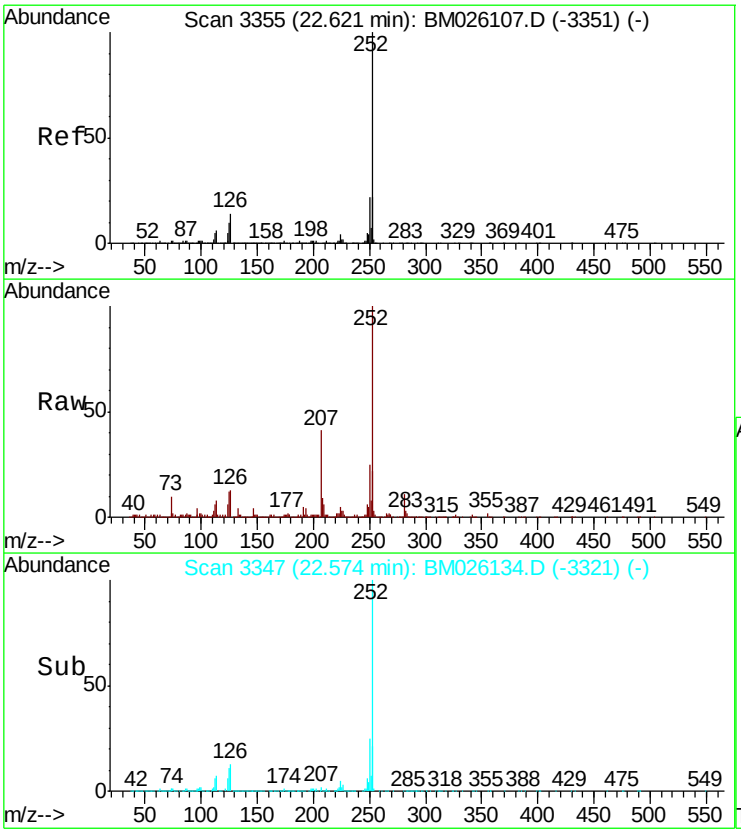
#88
Benzo(b)fluoranthene
Concen: 12.535 ng/ul
RT: 22.57 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BM026134.D
Acq: 27 May 2020 03:59

Instrument :
BNA_M
ClientSampleId :
ETKX0

Tgt Ion:252 Resp: 756937

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	11.8	8.9	13.3

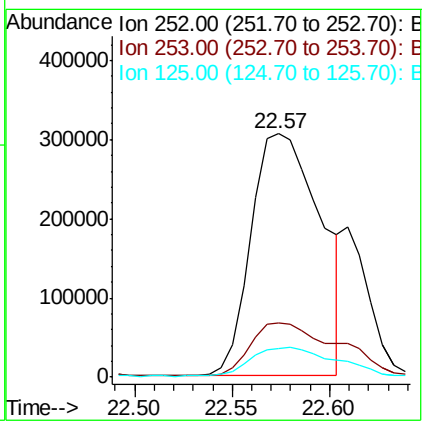


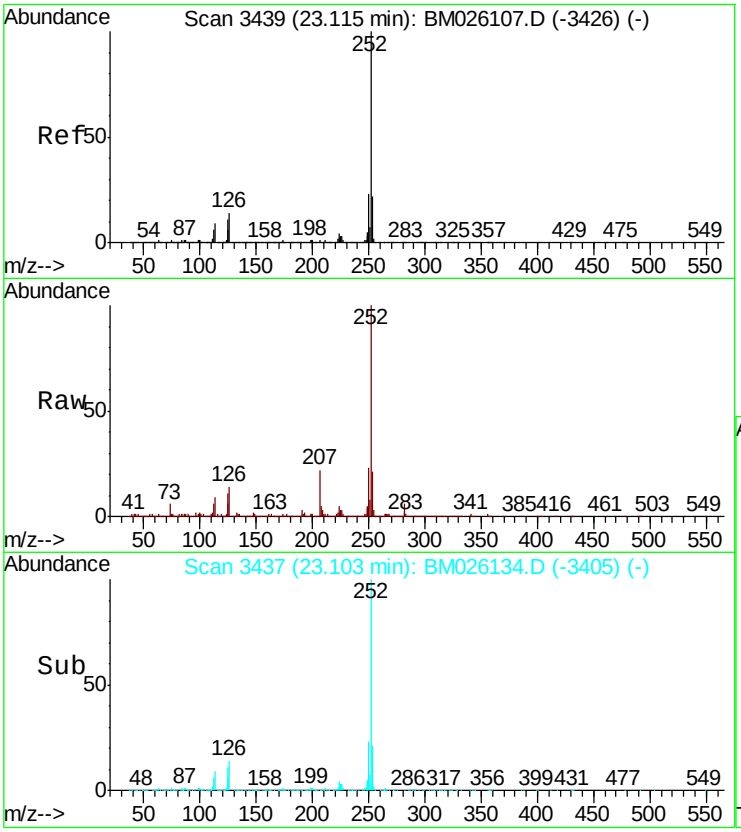


#89
Benzo(k)fluoranthene
Concen: 12.550 ng/ul
RT: 22.57 min Scan# 3347
Delta R.T. -0.05 min
Lab File: BM026134.D
Acq: 27 May 2020 03:59

Tgt Ion:252 Resp: 756937

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.4
125	11.8	8.6	13.0



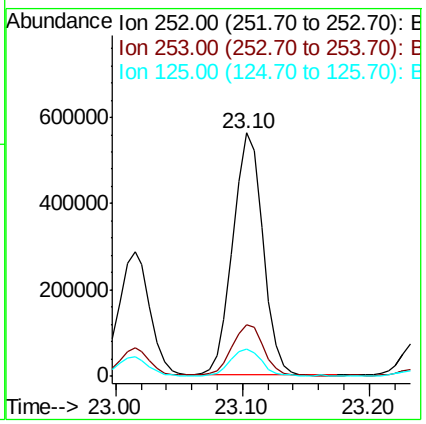


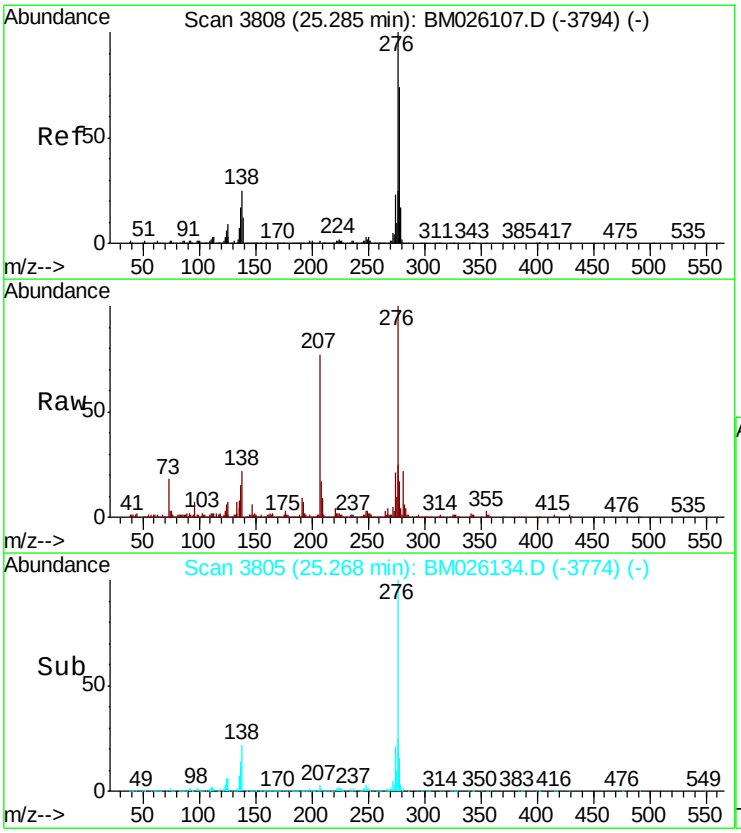
#91
Benzo(a)pyrene
Concen: 17.416 ng/ul
RT: 23.10 min Scan# 3437
Delta R.T. -0.01 min
Lab File: BM026134.D
Acq: 27 May 2020 03:59

Instrument :
BNA_M
ClientSampleId :
ETKX0

Tgt Ion:252 Resp: 925476

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.6	26.4
125	11.1	9.8	14.6

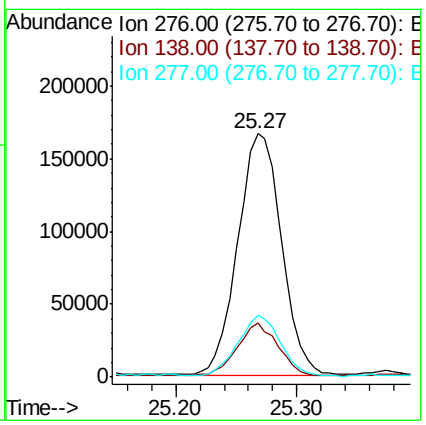


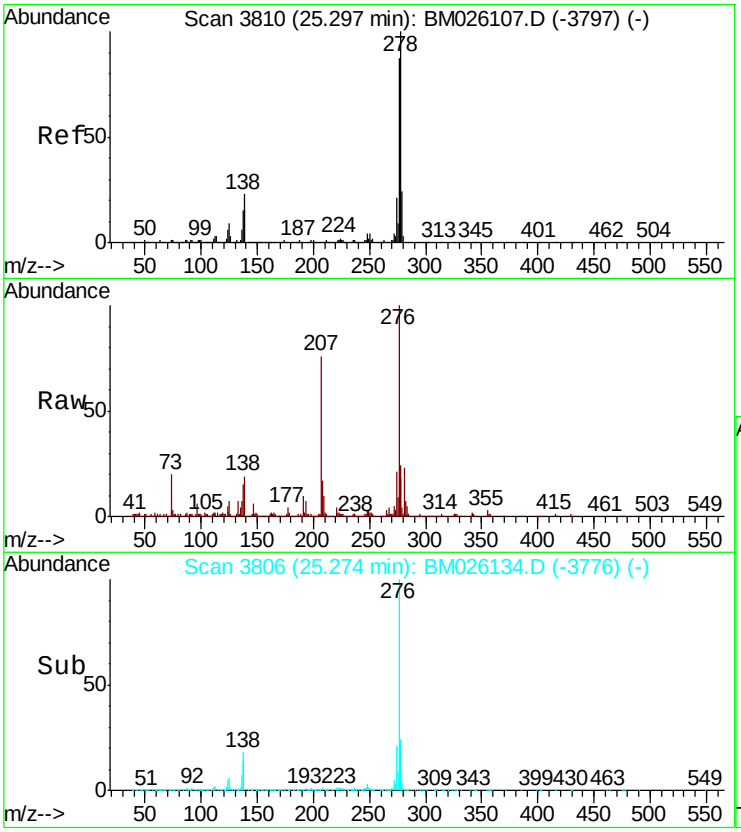


#92
Indeno(1,2,3-cd)pyrene
Concen: 6.083 ng/ul
RT: 25.27 min Scan# 3805
Delta R.T. -0.02 min
Lab File: BM026134.D
Acq: 27 May 2020 03:59

Tgt Ion:276 Resp: 419558

Ion	Ratio	Lower	Upper
276	100		
138	22.5	21.6	32.4
277	25.4	20.3	30.5



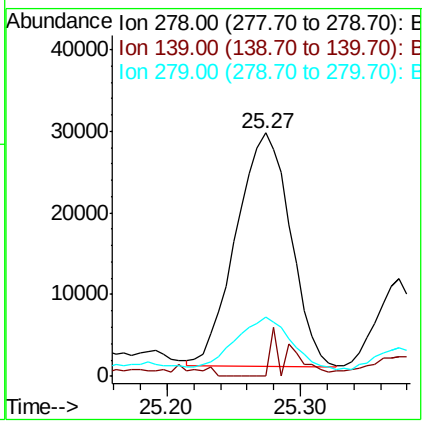


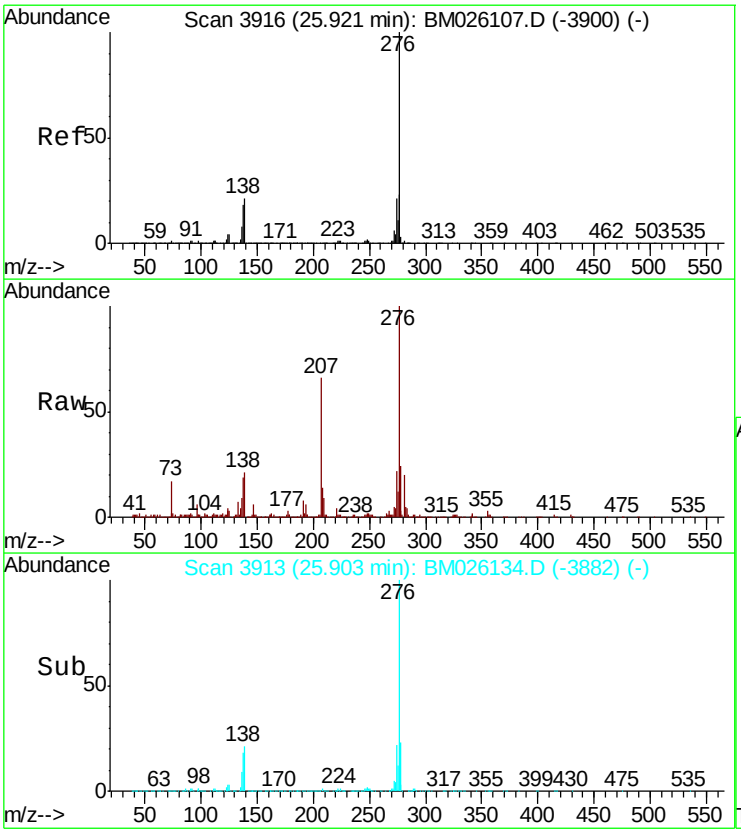
#93
Dibenzo(a,h)anthracene
Concen: 1.383 ng/ul
RT: 25.27 min Scan# 3806
Delta R.T. -0.02 min
Lab File: BM026134.D
Acq: 27 May 2020 03:59

Instrument :
BNA_M
ClientSampleId :
ETKX0

Tgt Ion:278 Resp: 80749

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.5	20.3#
279	24.2	18.8	28.2





#94
Benzo(g,h,i)perylene
Concen: 9.384 ng/ul
RT: 25.90 min Scan# 3913
Delta R.T. -0.02 min
Lab File: BM026134.D
Acq: 27 May 2020 03:59

Tgt Ion:276 Resp: 540210

Ion	Ratio	Lower	Upper
276	100		
138	21.4	18.7	28.1
277	23.6	18.8	28.2