Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060719\
Data File : BM020802.D
Acq On : 07 Jun 2019 14:01
Operator : HP/JU
Sample : K3201-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1

Quant Time: Jun 08 00:24:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 08 00:20:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	249220	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	979815	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	528942	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	1115100	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	1104219	20.00	ng/ul	0.01
85) Perylene-d12	23.67	264	1296257	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	43280	8.28	ng/uL	0.00
5) Phenol-d5	6.97	99	702046	36.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	485205	42.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	656687	43.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	520590	33.93	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	319488	47.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	350984	50.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	628875	43.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	689335	39.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1872542	47.86	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	2313210	46.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	201692	30.04	ng/ul	0.00
57) Fluorene-d10	15.44	176	1535014	46.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	103384	18.13	ng/ul	0.00
70) Anthracene-d10	17.30	188	2297883	47.18	ng/ul	0.00
78) Pyrene-d10	19.59	212	2361580	44.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.53	264	2634460	44.72	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.00	94	64049	3.263	ng/ul	99
14) Acetophenone	8.64	105	27831	1.174	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.51	70	14229	1.140	ng/ul#	1
28) Naphthalene	10.66	128	136036	2.956	ng/ul	98
30) 4-Chloroaniline	10.66	127	17937	1.014	ng/ul#	9
34) 2-Methylnaphthalene	12.27	142	117923	3.489	ng/ul	97
40) 1,1'-Biphenyl	13.28	154	45753	1.115	ng/ul	99
44) Dimethylphthalate	13.91	163	659295	16.829	ng/ul	99
47) Acenaphthylene	14.17	152	303130	6.315	ng/ul	98
49) Acenaphthene	14.52	153	510468	15.235	ng/ul	99
53) Dibenzofuran	14.85	168	527189	11.123	ng/ul	98
58) Fluorene	15.50	166	657219	17.273	ng/ul	99
60) 4-Nitroaniline	15.50	138	9354	1.165	ng/ul#	14
69) Phenanthrene	17.24	178	9849841	175.513	ng/ul	98
71) Anthracene	17.33	178	2868829	49.871	ng/ul	100
74) Carbazole	17.60	167	662968	13.253	ng/ul	97
76) Fluoranthene	19.26	202	12826702	199.443	ng/ul	96
79) Pyrene	19.63	202	10660761	156.404	ng/ul	98
82) Benzo(a)anthracene	21.37	228	7381399	107.159	ng/ul	96
84) Chrysene	21.42	228	6106383	95.537	ng/ul	96
87) Benzo(b)fluoranthene	22.99	252	7365618	97.678	ng/ul	98
88) Benzo(k)fluoranthene	22.99	252	7365618	102.192	ng/ul	98
90) Benzo(a)pyrene	23.58	252	5356304	74.662	ng/ul	97

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060719\
Data File : BM020802.D
Acq On : 07 Jun 2019 14:01
Operator : HP/JU
Sample : K3201-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1

Quant Time: Jun 08 00:24:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 08 00:20:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Indeno(1,2,3-cd)pyrene	26.00	276	3236426	38.196	ng/ul	96
92) Dibenzo(a,h)anthracene	26.00	278	1053180	14.669	ng/ul#	92
93) Benzo(g,h,i)perylene	26.71	276	2153446	31.326	ng/ul	98

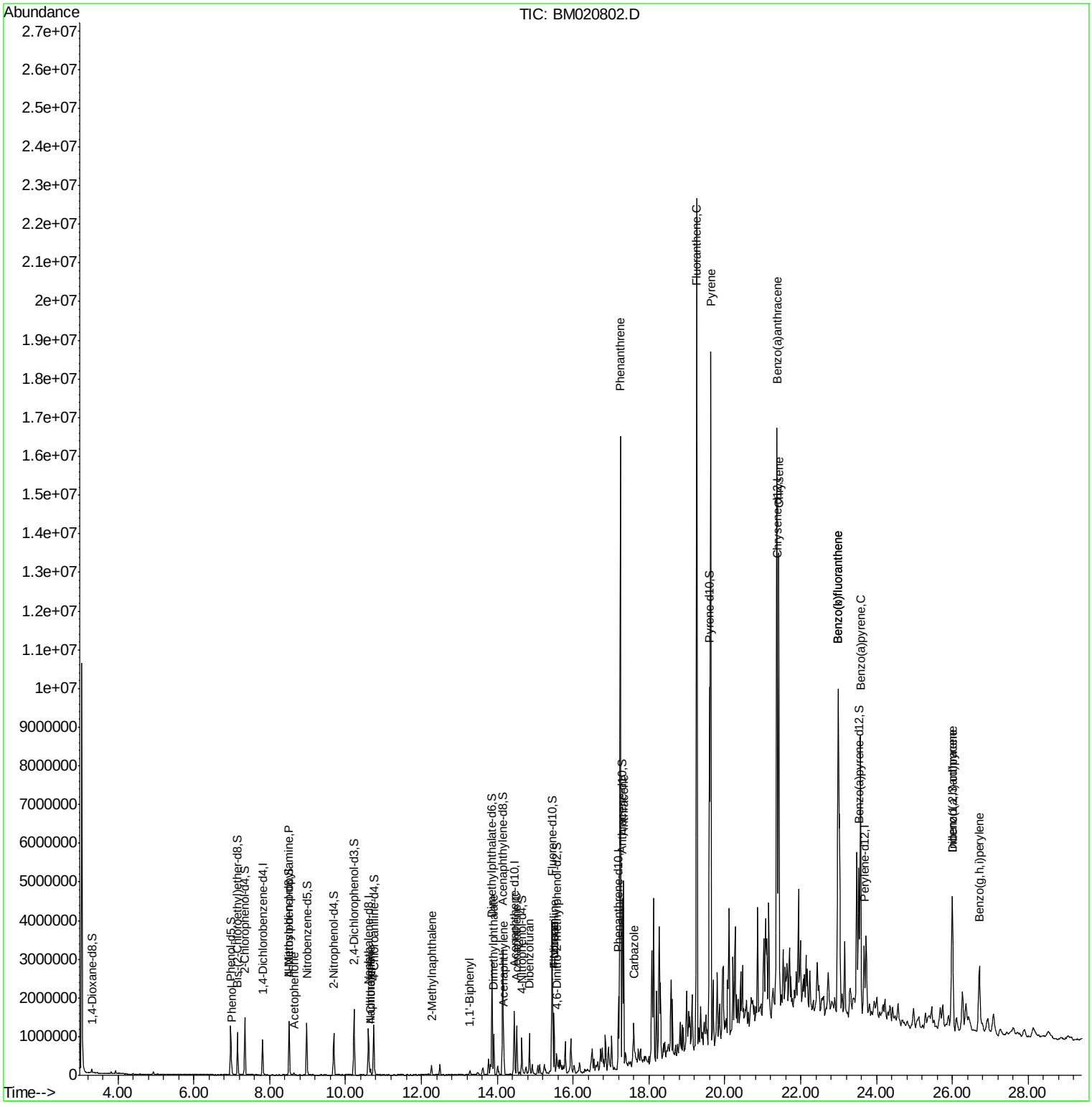
(#) = qualifier out of range (m) = manual integration (+) = signals summed

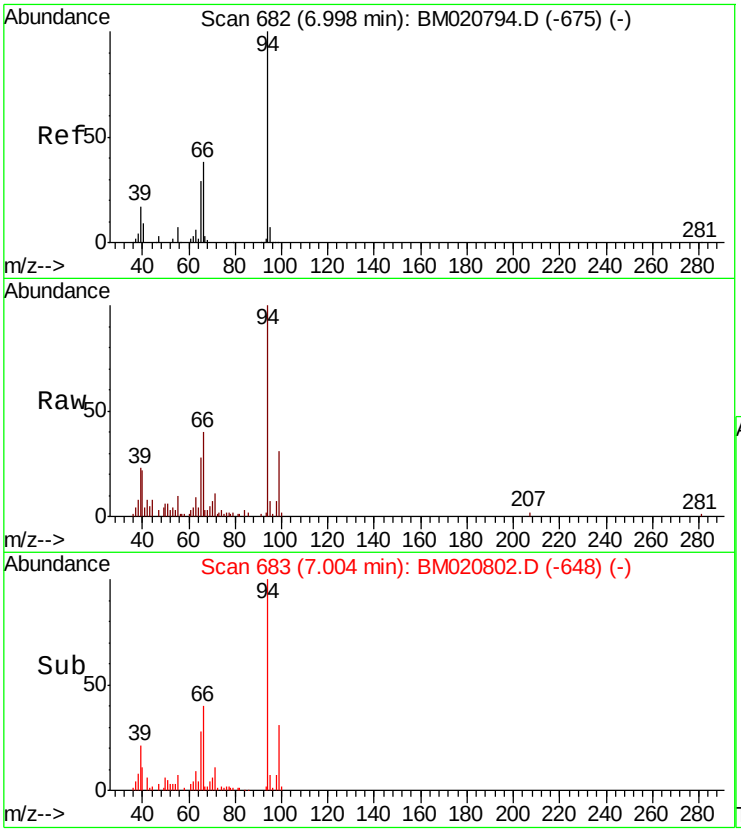
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060719\
Data File : BM020802.D
Acq On : 07 Jun 2019 14:01
Operator : HP/JU
Sample : K3201-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD1

Quant Time: Jun 08 00:24:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 08 00:20:16 2019
Response via : Initial Calibration



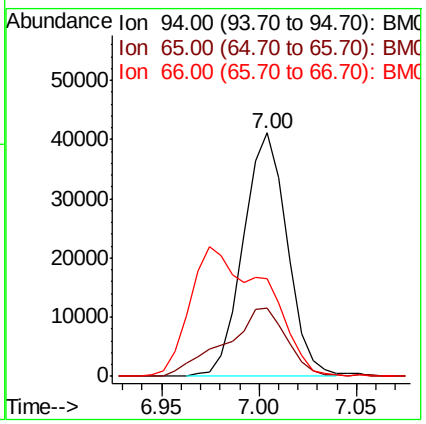


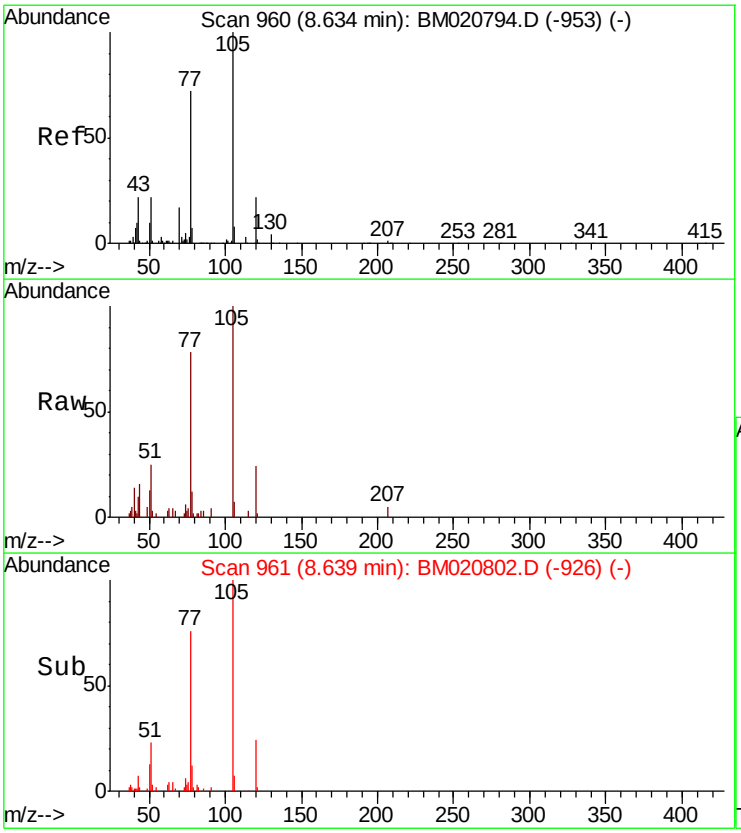
#6
Phenol
Concen: 3.263 ng/ul
RT: 7.00 min Scan# 683
Delta R.T. 0.01 min
Lab File: BM020802.D
Acq: 07 Jun 2019 14:01

Instrument :
BNA_M
ClientSampleId :
C0AD1

Tgt Ion: 94 Resp: 64049

Ion	Ratio	Lower	Upper
94	100		
65	28.0	23.3	34.9
66	40.3	32.1	48.1

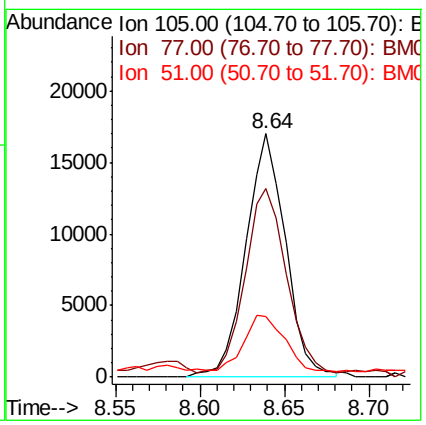


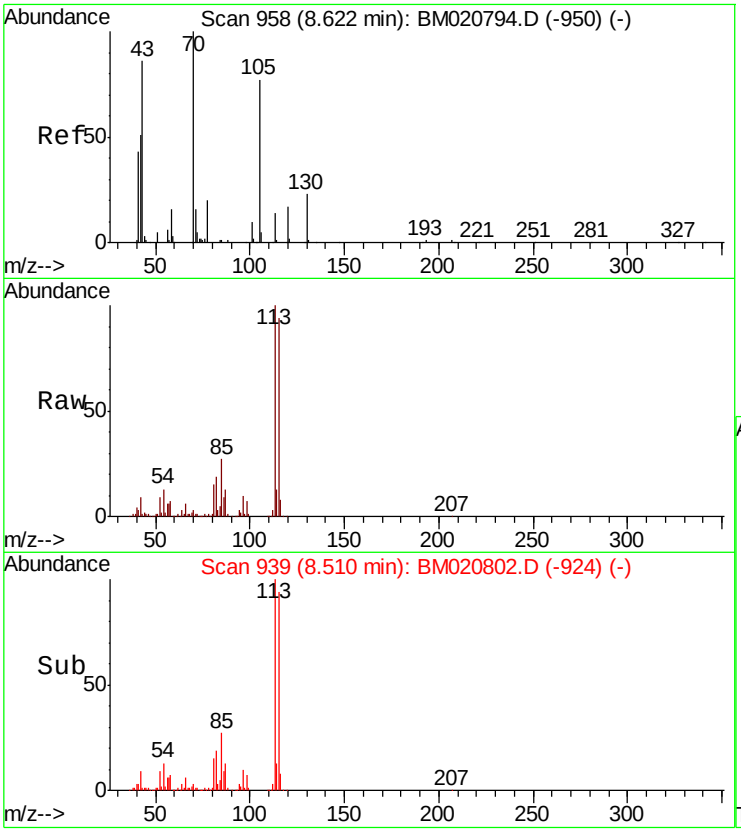


#14
Acetophenone
Concen: 1.174 ng/ul
RT: 8.64 min Scan# 961
Delta R.T. 0.01 min
Lab File: BM020802.D
Acq: 07 Jun 2019 14:01

Tgt Ion:105 Resp: 27831

Ion	Ratio	Lower	Upper
105	100		
77	77.6	64.6	97.0
51	25.0	21.4	32.2



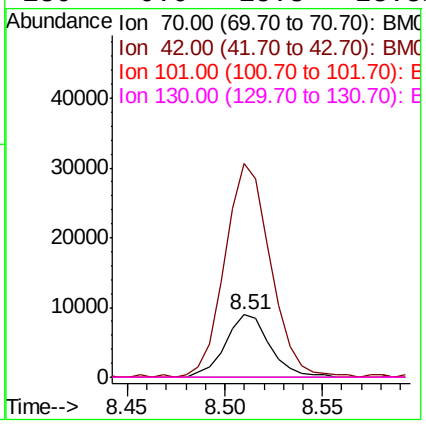


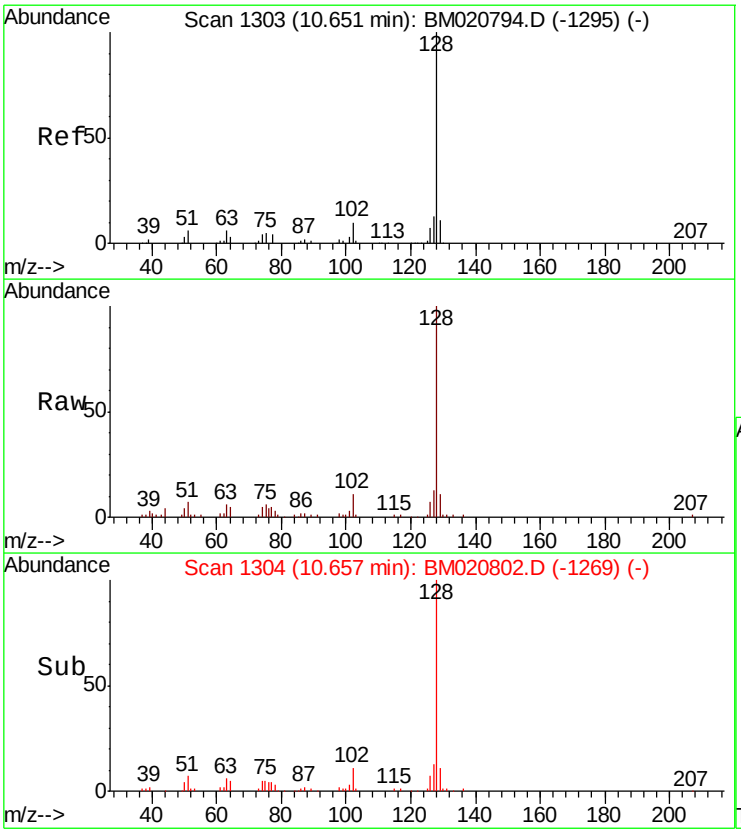
#15
N-Nitroso-di-n-propylamine
Concen: 1.140 ng/ul
RT: 8.51 min Scan# 939
Delta R.T. -0.11 min
Lab File: BM020802.D
Acq: 07 Jun 2019 14:01

Instrument :
BNA_M
ClientSampleId :
C0AD1

Tgt Ion: 70 Resp: 14229

Ion	Ratio	Lower	Upper
70	100		
42	340.6	43.6	65.4#
101	0.0	8.2	12.2#
130	0.0	15.8	23.8#

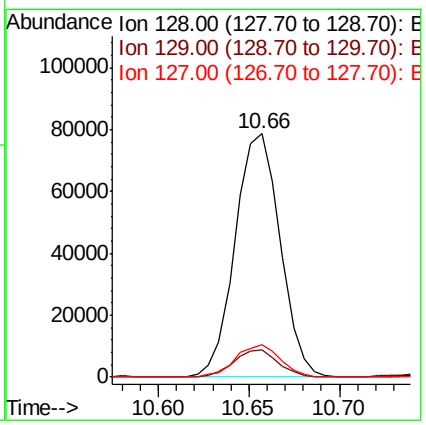


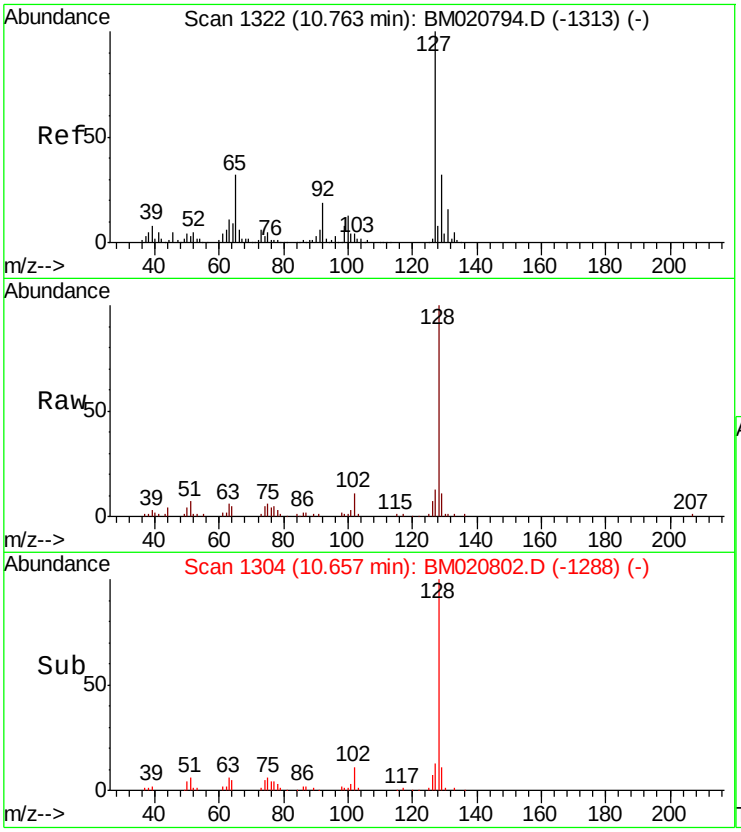


#28
Naphthalene
Concen: 2.956 ng/ul
RT: 10.66 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BM020802.D
Acq: 07 Jun 2019 14:01

Tgt Ion:128 Resp: 136036

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	13.0
127	13.4	10.2	15.2



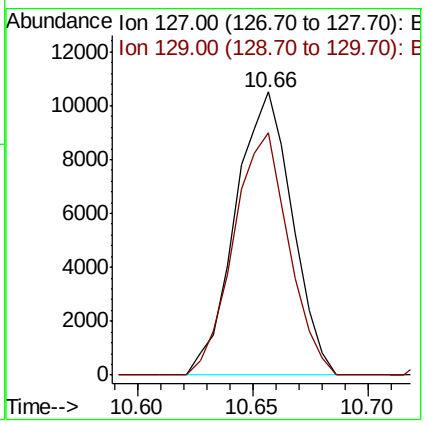


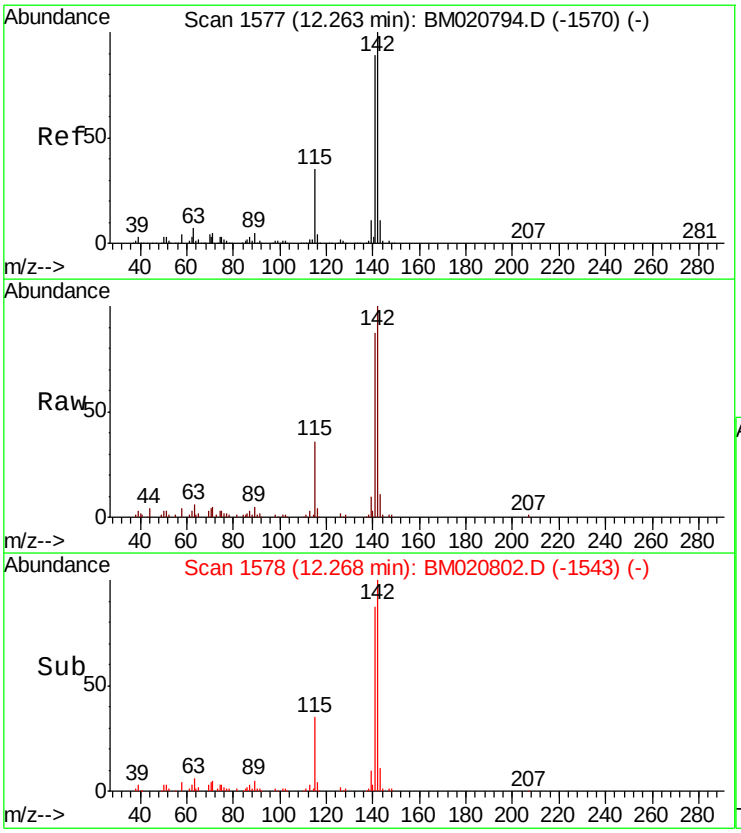
#30
4-Chloroaniline
Concen: 1.014 ng/ul
RT: 10.66 min Scan# 1304
Delta R.T. -0.11 min
Lab File: BM020802.D
Acq: 07 Jun 2019 14:01

Instrument :
BNA_M
ClientSampleId :
C0AD1

Tgt Ion:127 Resp: 17937

Ion	Ratio	Lower	Upper
127	100		
129	85.5	27.0	40.4#

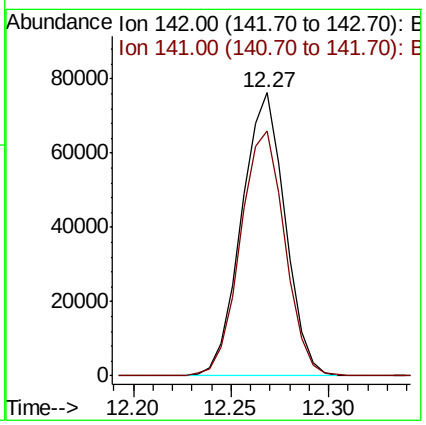


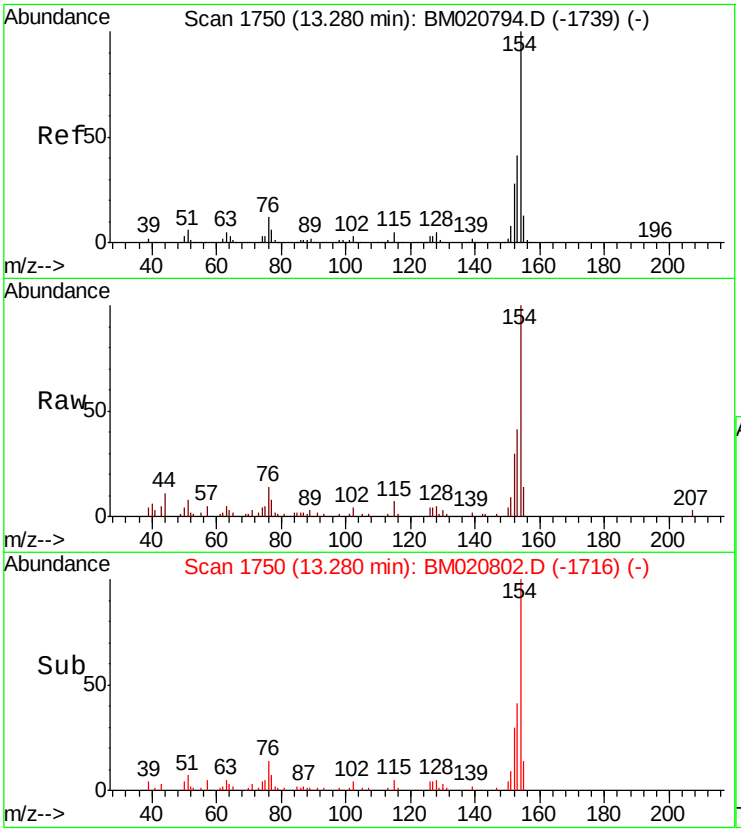


#34
2-Methylnaphthalene
Concen: 3.489 ng/ul
RT: 12.27 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BM020802.D
Acq: 07 Jun 2019 14:01

Tgt Ion:142 Resp: 117923

Ion	Ratio	Lower	Upper
142	100		
141	86.7	71.4	107.0



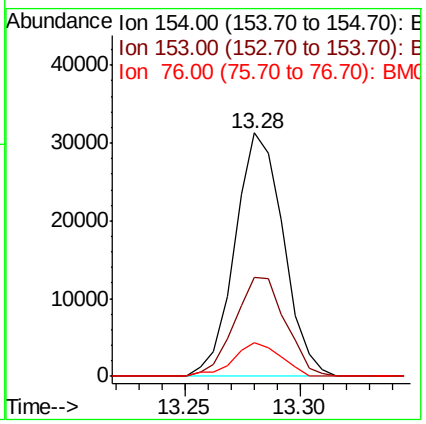


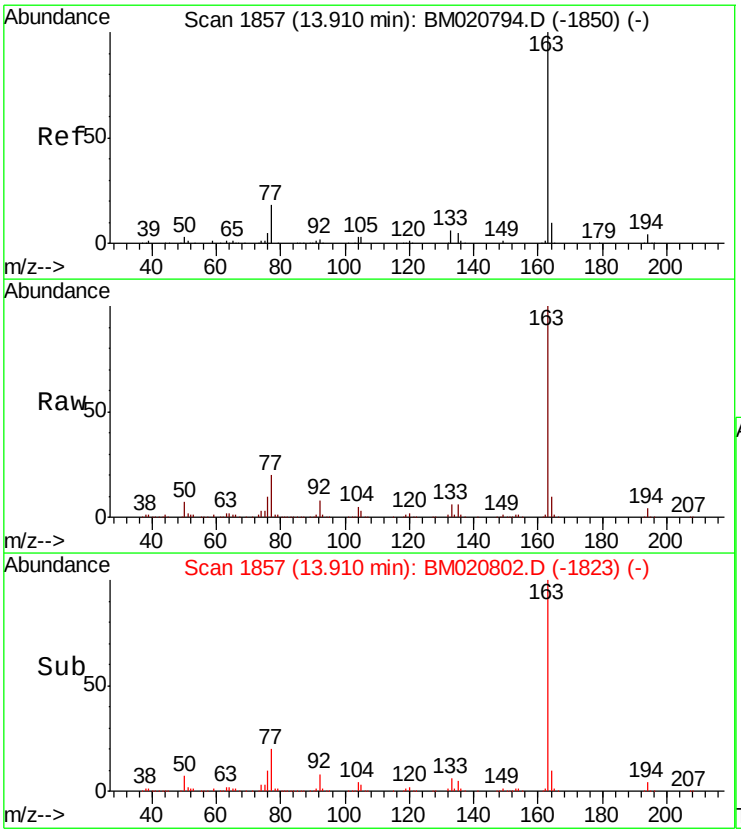
#40
1,1'-Biphenyl
Concen: 1.115 ng/ul
RT: 13.28 min Scan# 1750
Delta R.T. -0.00 min
Lab File: BM020802.D
Acq: 07 Jun 2019 14:01

Instrument :
BNA_M
ClientSampleId :
C0AD1

Tgt Ion:154 Resp: 45753

Ion	Ratio	Lower	Upper
154	100		
153	40.6	32.4	48.6
76	13.6	9.8	14.6

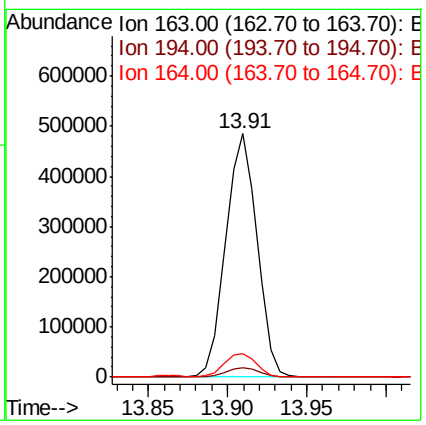


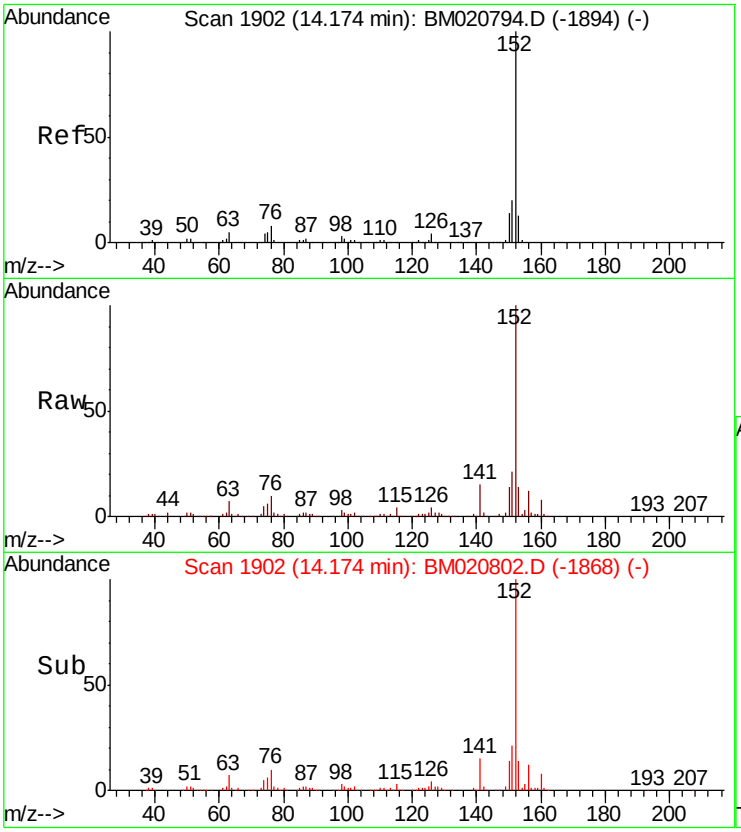


#44
Dimethylphthalate
Concen: 16.829 ng/ul
RT: 13.91 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BM020802.D
Acq: 07 Jun 2019 14:01

Tgt Ion:163 Resp: 659295

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.7	8.0	12.0



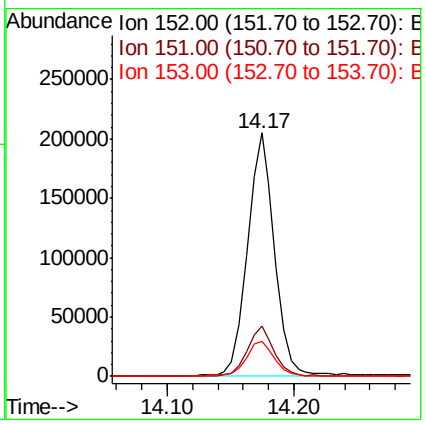


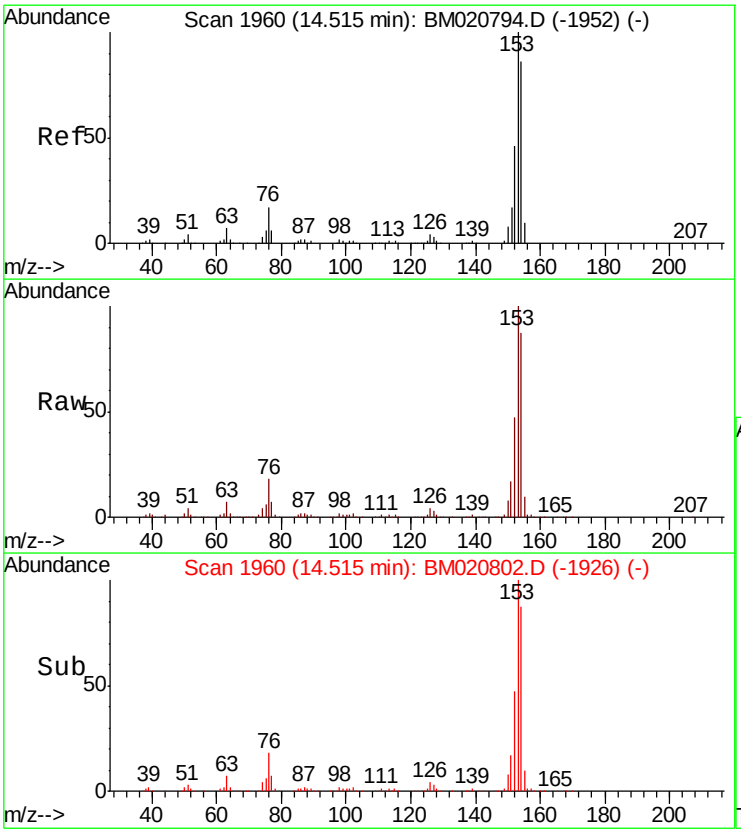
#47
Acenaphthylene
Concen: 6.315 ng/ul
RT: 14.17 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BM020802.D
Acq: 07 Jun 2019 14:01

Instrument :
BNA_M
ClientSampleId :
C0AD1

Tgt Ion:152 Resp: 303130

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.2
153	14.5	10.6	15.8

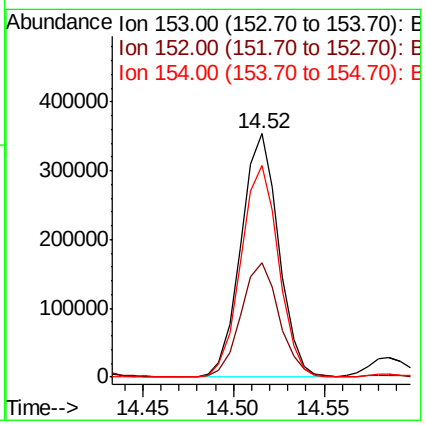


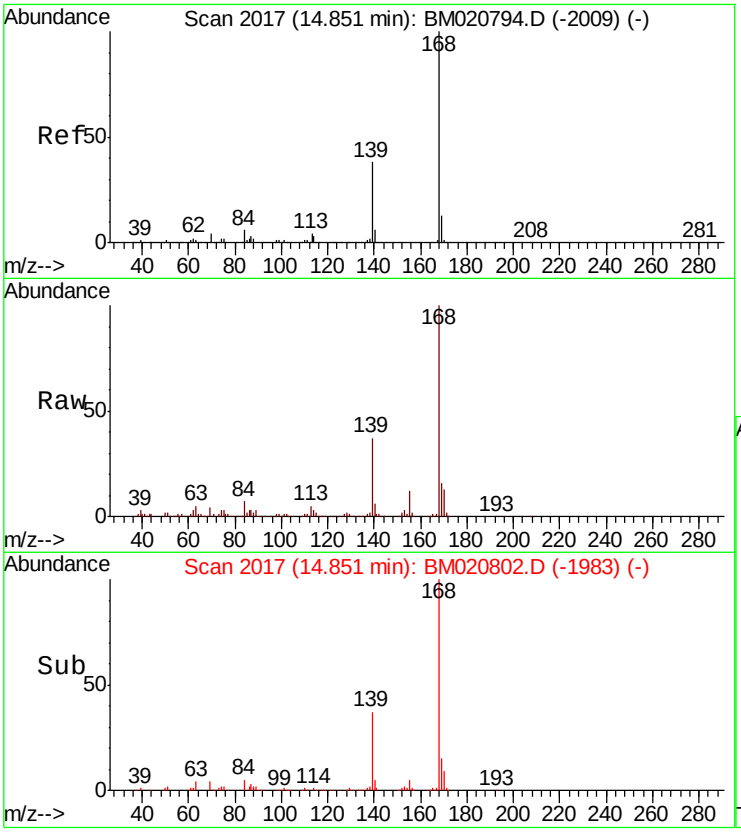


#49
Acenaphthene
Concen: 15.235 ng/ul
RT: 14.52 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BM020802.D
Acq: 07 Jun 2019 14:01

Tgt Ion:153 Resp: 510468

Ion	Ratio	Lower	Upper
153	100		
152	47.2	37.3	55.9
154	86.7	68.7	103.1



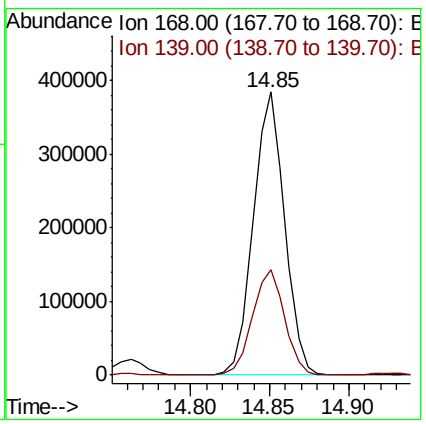


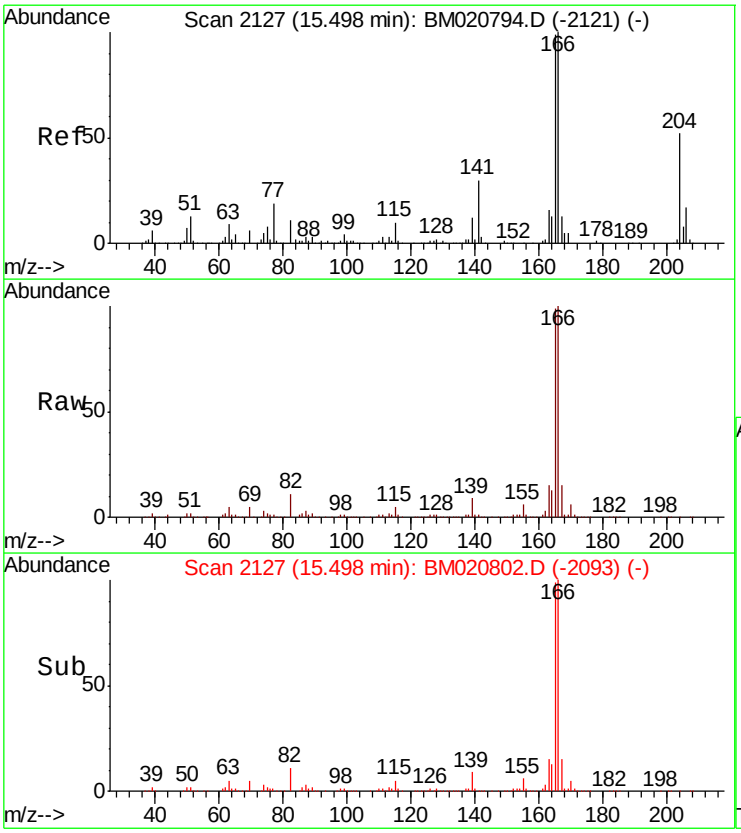
#53
Dibenzofuran
Concen: 11.123 ng/ul
RT: 14.85 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BM020802.D
Acq: 07 Jun 2019 14:01

Instrument :
BNA_M
ClientSampleId :
C0AD1

Tgt Ion:168 Resp: 527189

Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.4	45.6

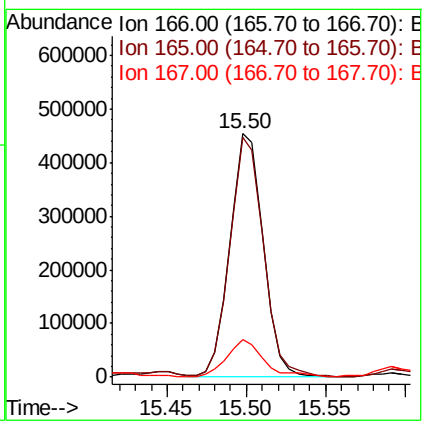


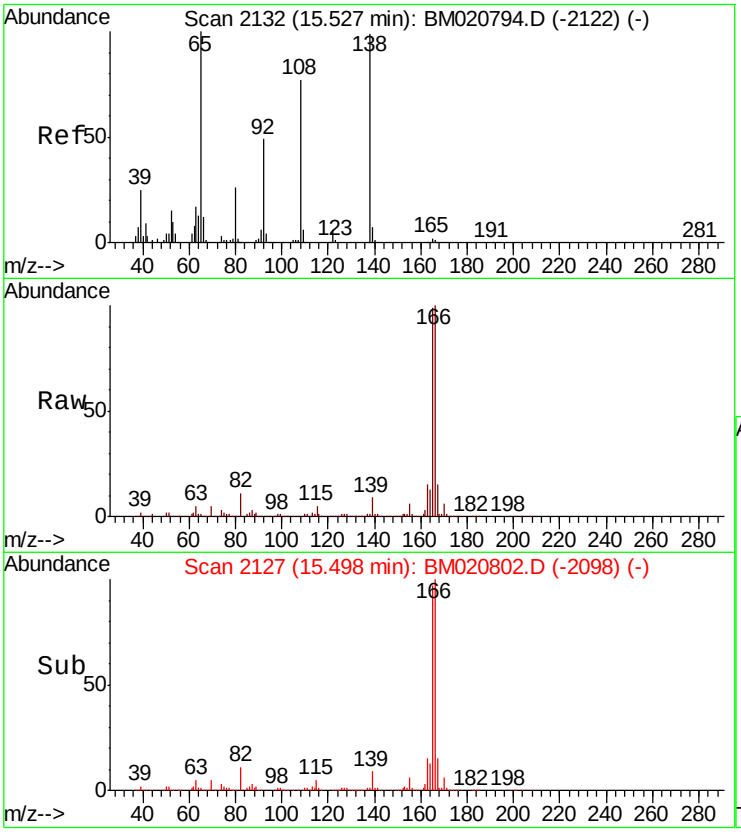


#58
Fluorene
Concen: 17.273 ng/ul
RT: 15.50 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BM020802.D
Acq: 07 Jun 2019 14:01

Tgt Ion:166 Resp: 657219

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	117.8
167	15.4	10.8	16.2



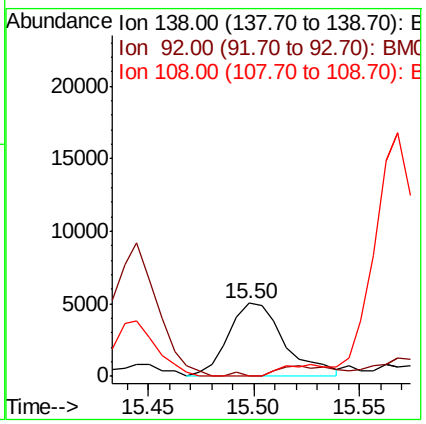


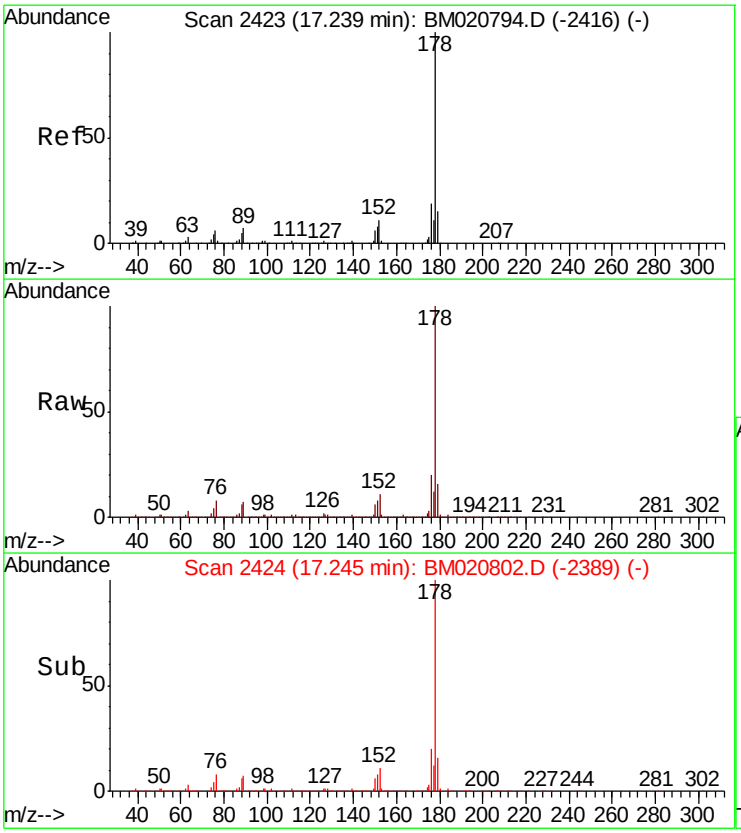
#60
4-Nitroaniline
Concen: 1.165 ng/ul
RT: 15.50 min Scan# 2127
Delta R.T. -0.03 min
Lab File: BM020802.D
Acq: 07 Jun 2019 14:01

Instrument :
BNA_M
ClientSampleId :
C0AD1

Tgt Ion:138 Resp: 9354

Ion	Ratio	Lower	Upper
138	100		
92	0.0	43.6	65.4#
108	0.0	67.8	101.6#

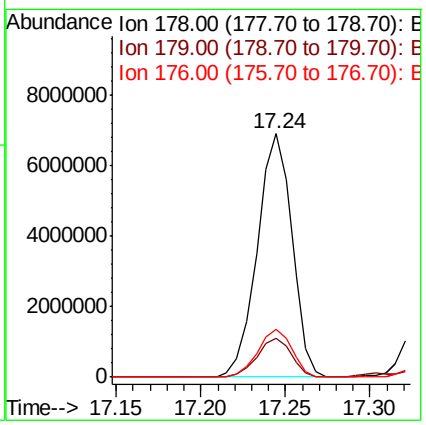


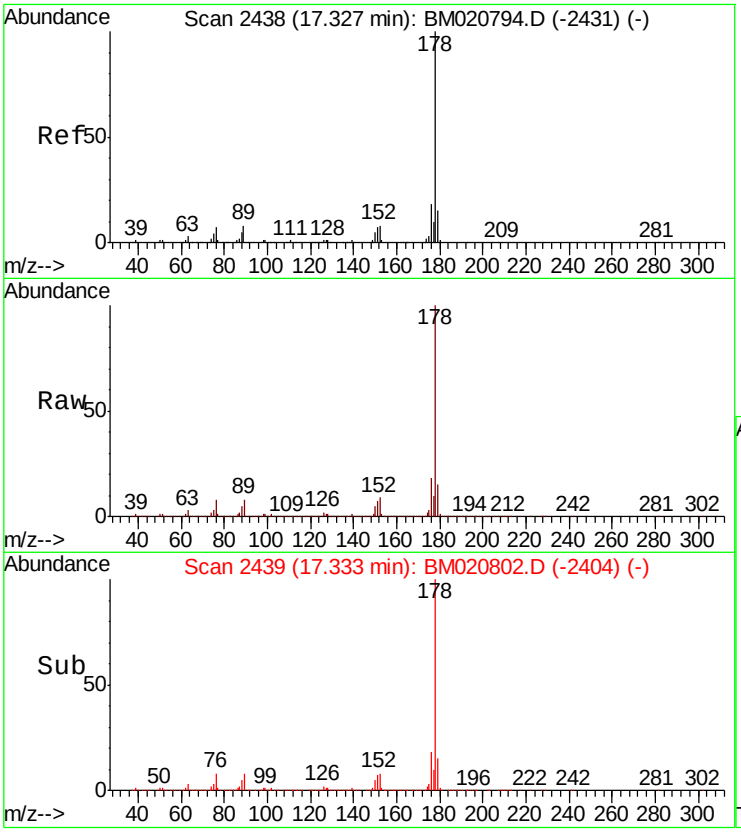


#69
Phenanthrene
Concen: 175.513 ng/ul
RT: 17.24 min Scan# 2424
Delta R.T. 0.01 min
Lab File: BM020802.D
Acq: 07 Jun 2019 14:01

Tgt Ion:178 Resp: 9849841

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	19.8	14.8	22.2



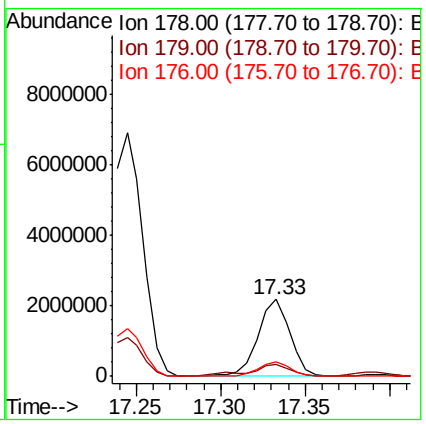


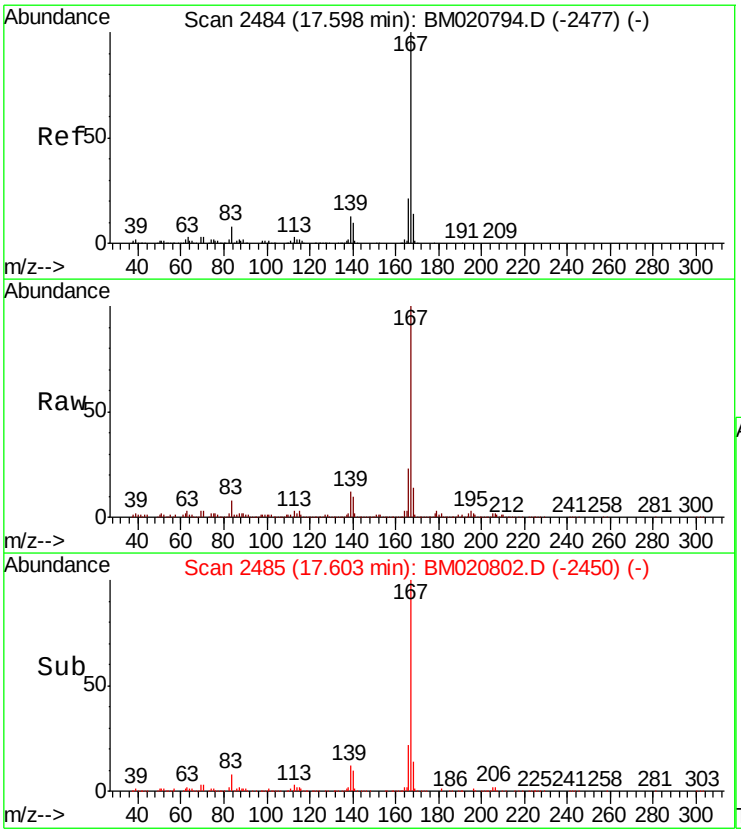
#71
Anthracene
Concen: 49.871 ng/ul
RT: 17.33 min Scan# 2439
Delta R.T. 0.01 min
Lab File: BM020802.D
Acq: 07 Jun 2019 14:01

Instrument :
BNA_M
ClientSampleId :
C0AD1

Tgt Ion:178 Resp: 2868829

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.1	18.1
176	18.3	14.9	22.3

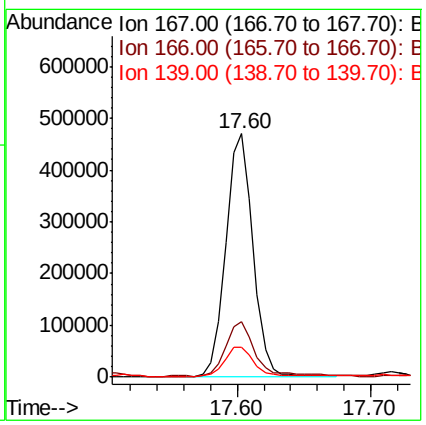


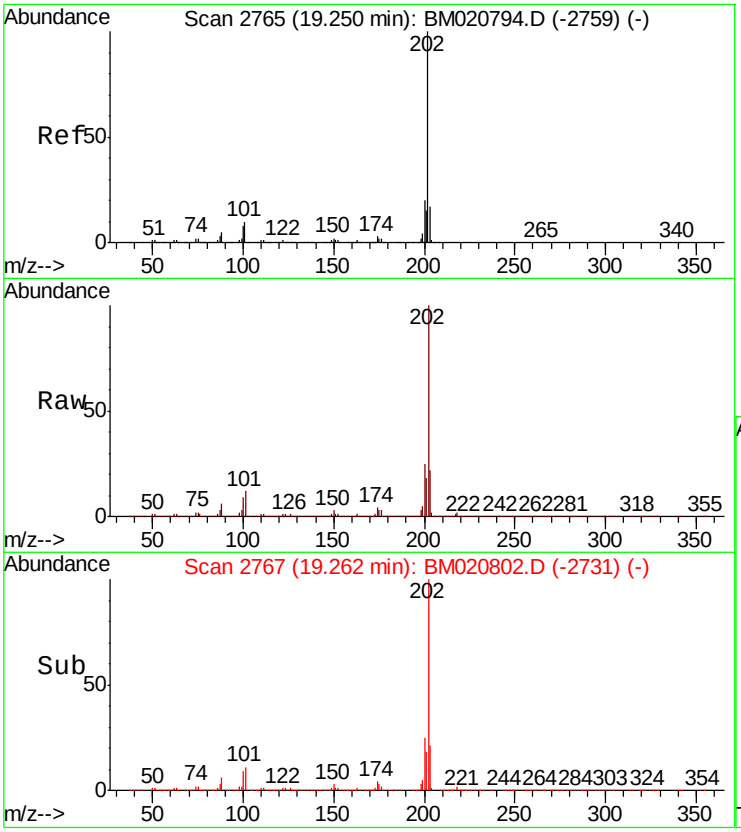


#74
Carbazole
Concen: 13.253 ng/ul
RT: 17.60 min Scan# 2485
Delta R.T. 0.01 min
Lab File: BM020802.D
Acq: 07 Jun 2019 14:01

Tgt Ion:167 Resp: 662968

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.0	25.6
139	12.4	10.5	15.7



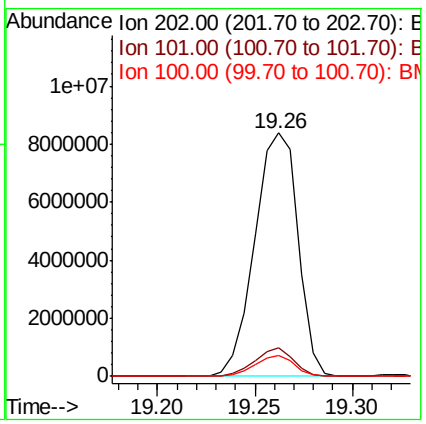


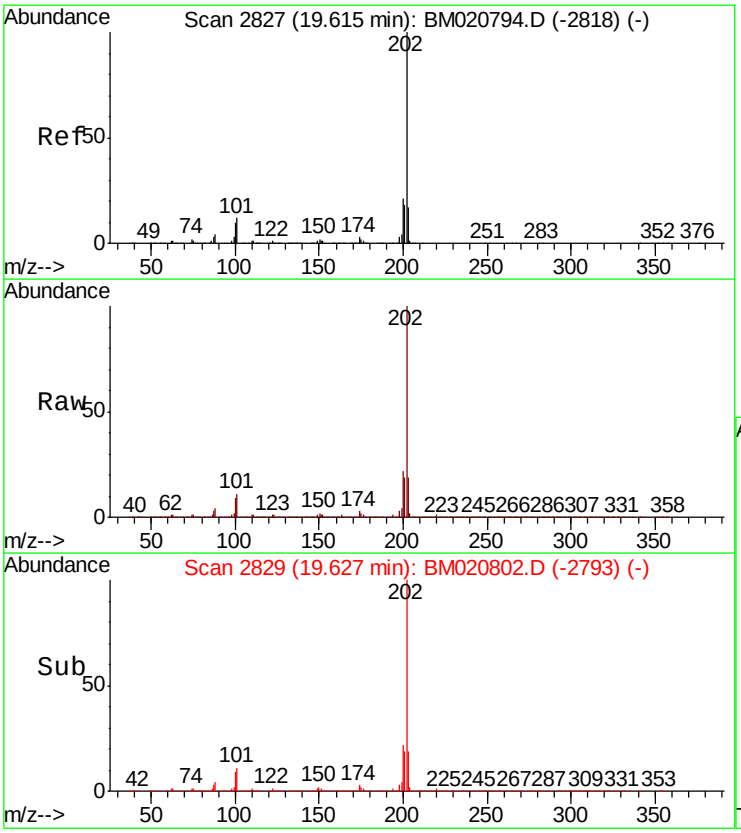
#76
Fluoranthene
Concen: 199.443 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. 0.01 min
Lab File: BM020802.D
Acq: 07 Jun 2019 14:01

Instrument :
BNA_M
ClientSampleId :
C0AD1

Tgt Ion:202 Resp:12826702

Ion	Ratio	Lower	Upper
202	100		
101	11.6	7.9	11.9
100	8.8	6.2	9.4

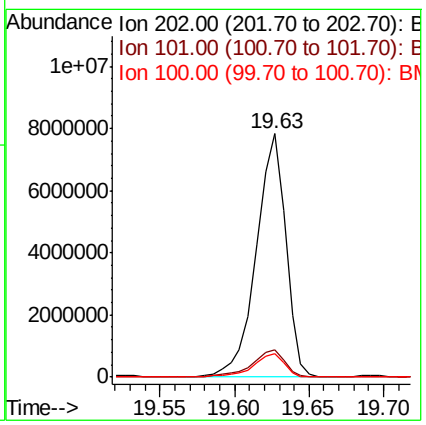


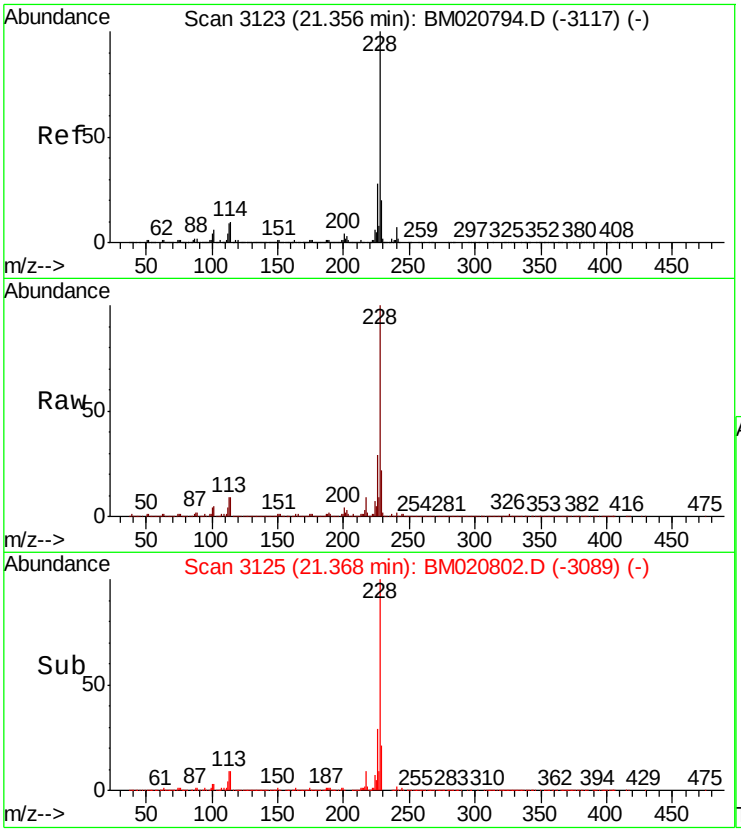


#79
Pyrene
Concen: 156.404 ng/ul
RT: 19.63 min Scan# 2829
Delta R.T. 0.01 min
Lab File: BM020802.D
Acq: 07 Jun 2019 14:01

Tgt Ion:202 Resp:10660761

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.8	14.6
100	9.4	8.0	12.0



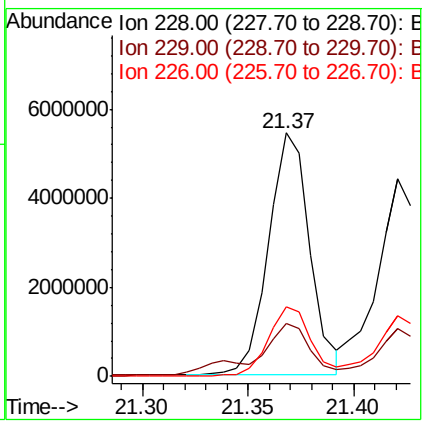


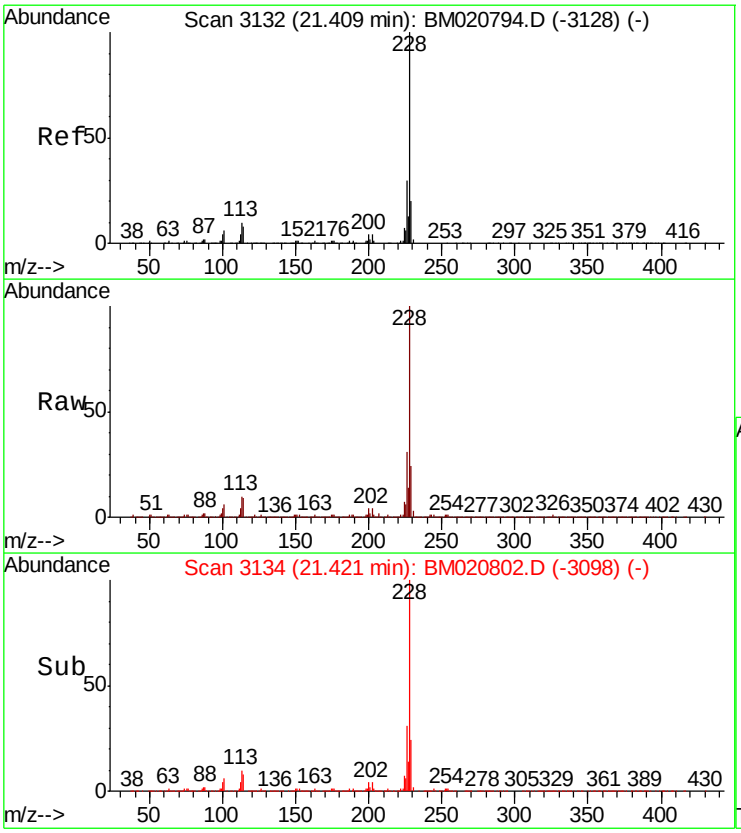
#82
Benzo(a)anthracene
Concen: 107.159 ng/ul
RT: 21.37 min Scan# 3125
Delta R.T. 0.01 min
Lab File: BM020802.D
Acq: 07 Jun 2019 14:01

Instrument :
BNA_M
ClientSampleId :
C0AD1

Tgt Ion:228 Resp: 7381399

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.6	23.4
226	28.8	21.4	32.2

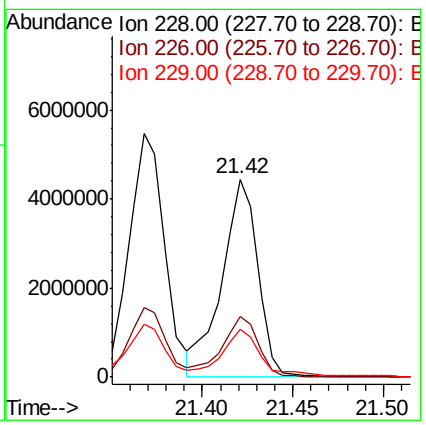


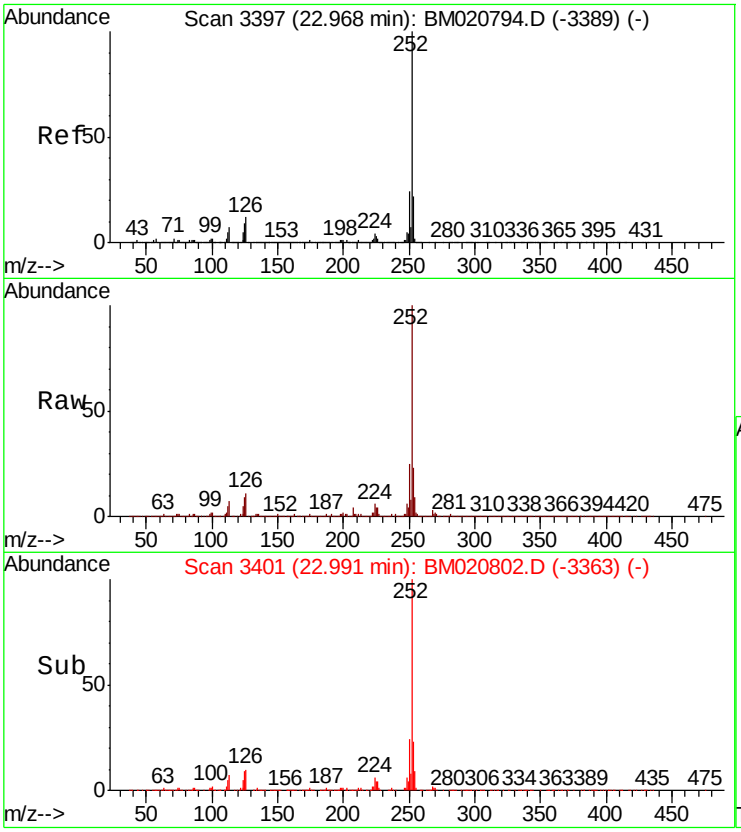


#84
Chrysene
Concen: 95.537 ng/ul
RT: 21.42 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BM020802.D
Acq: 07 Jun 2019 14:01

Tgt Ion:228 Resp: 6106383

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	24.1	16.2	24.2



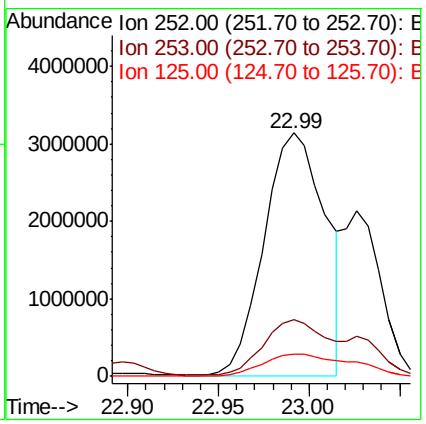


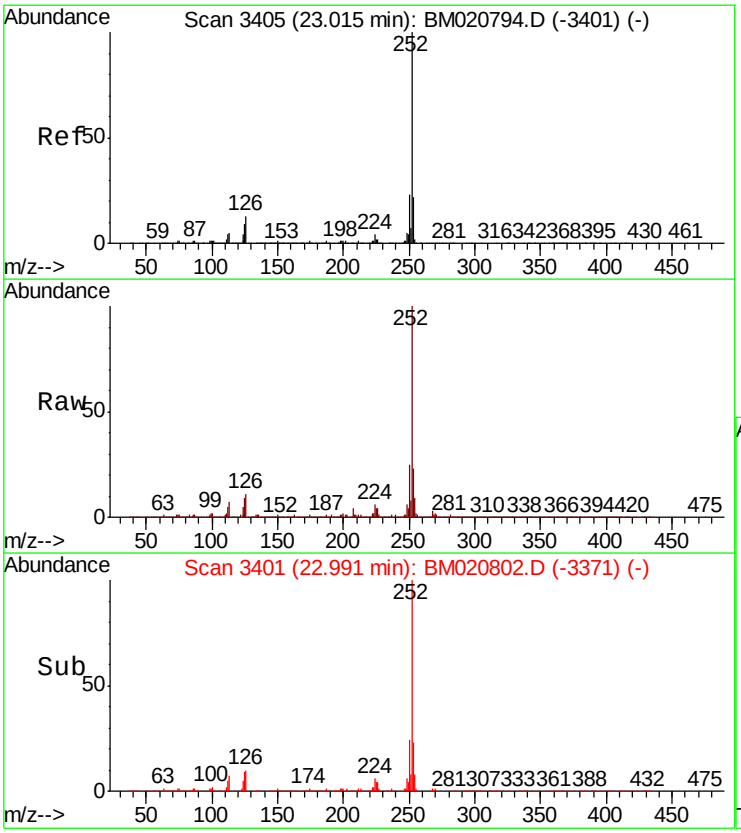
#87
Benzo(b)fluoranthene
Concen: 97.678 ng/ul
RT: 22.99 min Scan# 3401
Delta R.T. 0.02 min
Lab File: BM020802.D
Acq: 07 Jun 2019 14:01

Instrument :
BNA_M
ClientSampleId :
C0AD1

Tgt Ion:252 Resp: 7365618

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	9.1	7.3	10.9

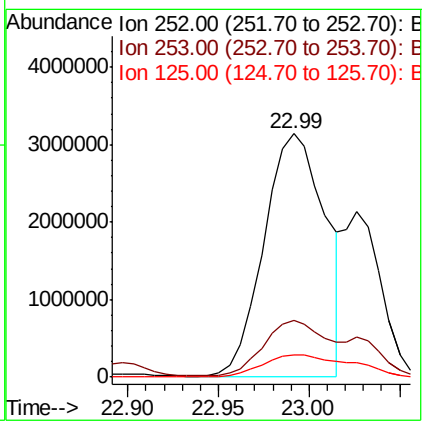


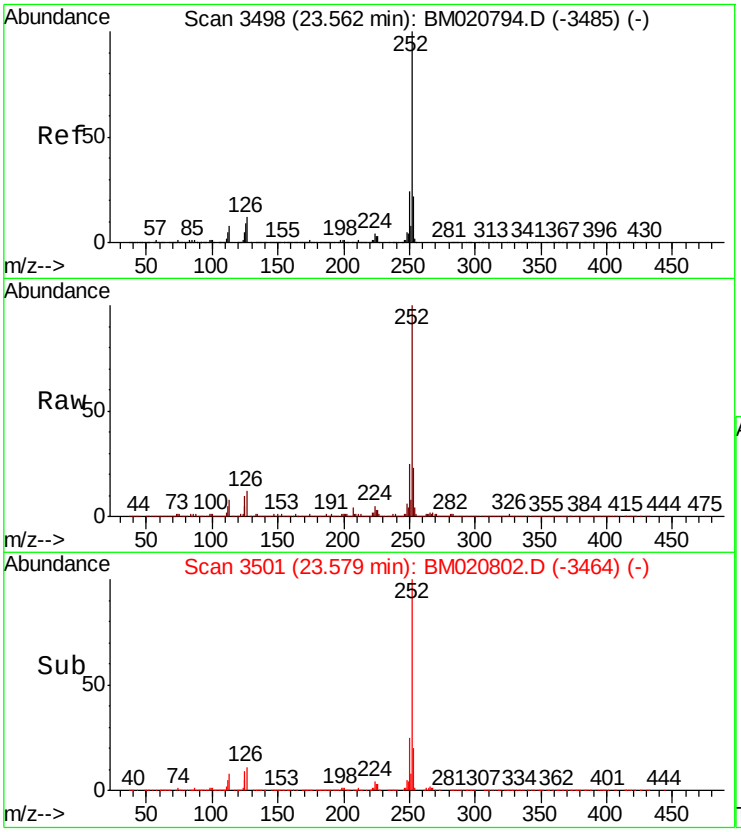


#88
Benzo(k)fluoranthene
Concen: 102.192 ng/ul
RT: 22.99 min Scan# 3401
Delta R.T. -0.02 min
Lab File: BM020802.D
Acq: 07 Jun 2019 14:01

Tgt Ion:252 Resp: 7365618

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	9.1	7.3	10.9



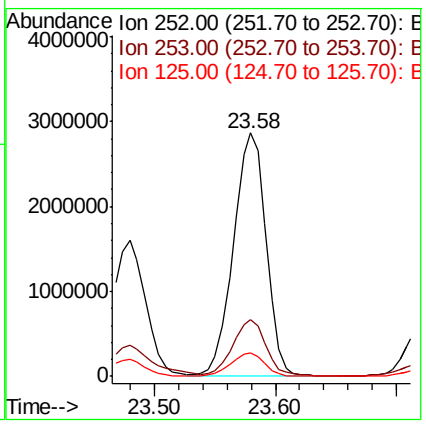


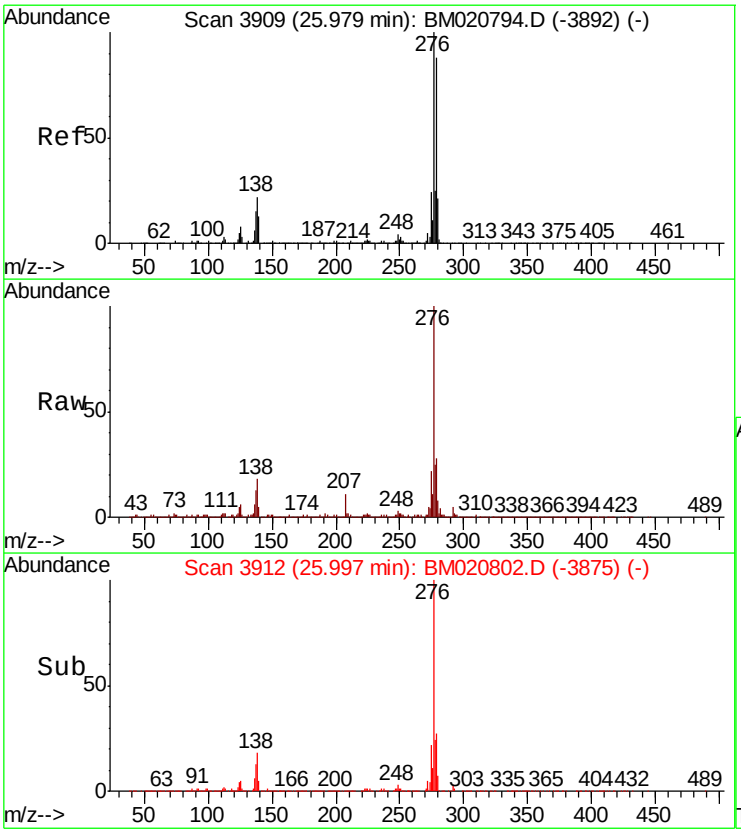
#90
Benzo(a)pyrene
Concen: 74.662 ng/ul
RT: 23.58 min Scan# 3501
Delta R.T. 0.02 min
Lab File: BM020802.D
Acq: 07 Jun 2019 14:01

Instrument :
BNA_M
ClientSampleId :
C0AD1

Tgt Ion:252 Resp: 5356304

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	9.7	8.2	12.4

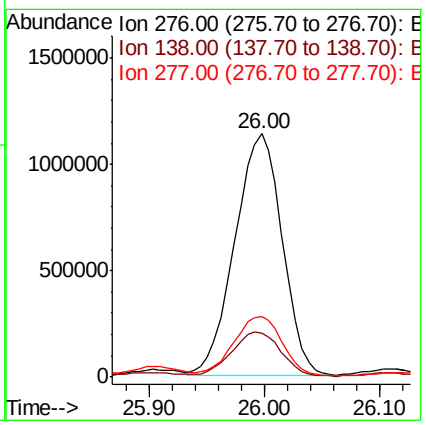


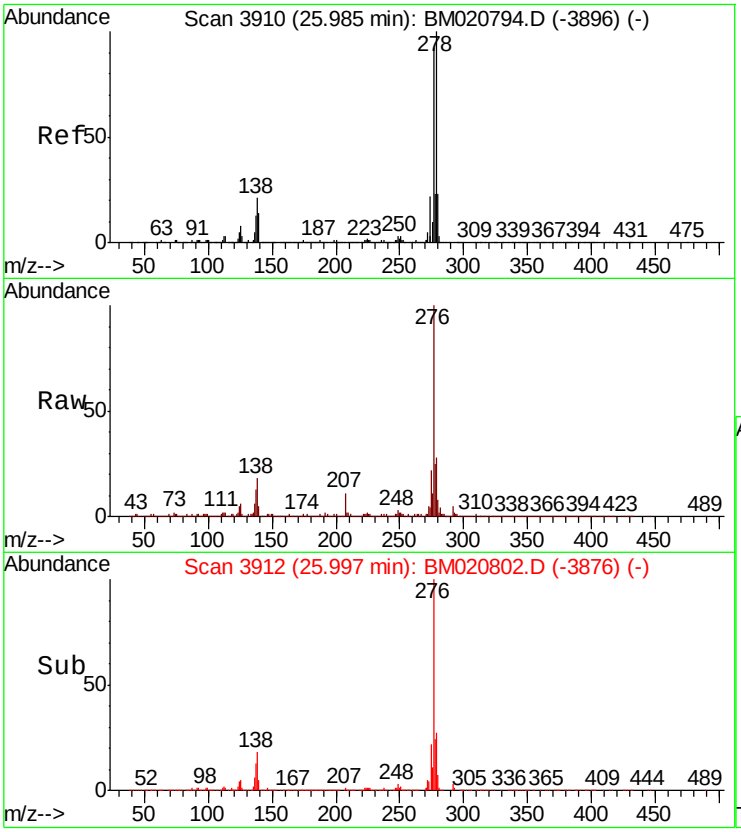


#91
Indeno(1,2,3-cd)pyrene
Concen: 38.196 ng/ul
RT: 26.00 min Scan# 3912
Delta R.T. 0.02 min
Lab File: BM020802.D
Acq: 07 Jun 2019 14:01

Tgt Ion:276 Resp: 3236426

Ion	Ratio	Lower	Upper
276	100		
138	18.1	17.8	26.8
277	24.8	20.0	30.0



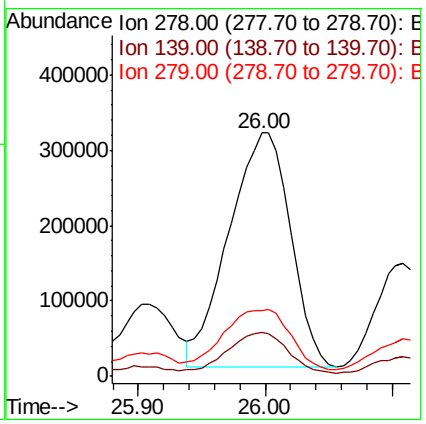


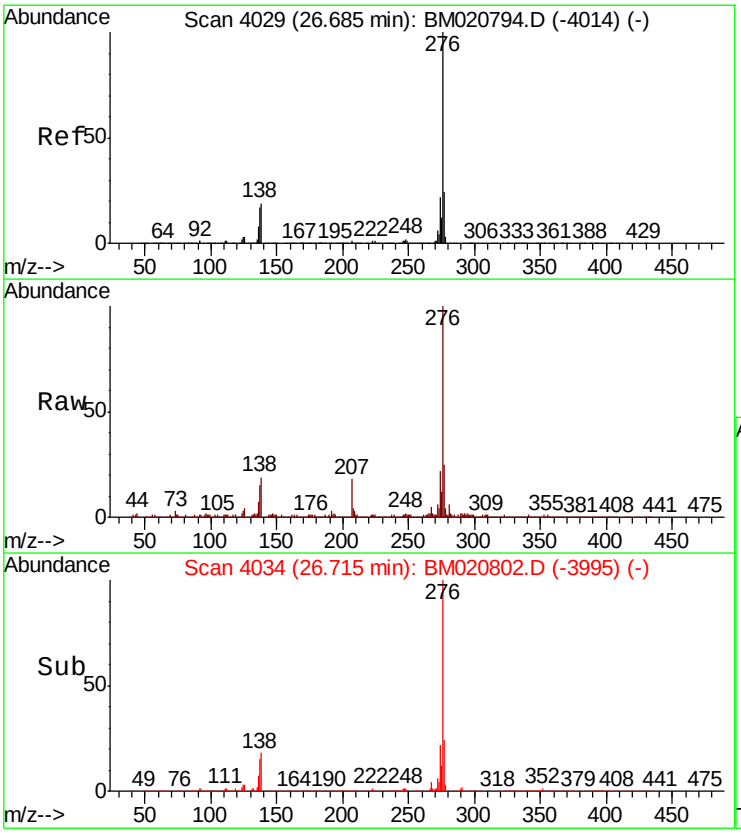
#92
Dibenzo(a,h)anthracene
Concen: 14.669 ng/ul
RT: 26.00 min Scan# 3912
Delta R.T. 0.01 min
Lab File: BM020802.D
Acq: 07 Jun 2019 14:01

Instrument :
BNA_M
ClientSampleId :
C0AD1

Tgt Ion:278 Resp: 1053180

Ion	Ratio	Lower	Upper
278	100		
139	17.9	11.6	17.4#
279	27.2	18.6	28.0





#93
Benzo(g,h,i)perylene
Concen: 31.326 ng/ul
RT: 26.71 min Scan# 4034
Delta R.T. 0.03 min
Lab File: BM020802.D
Acq: 07 Jun 2019 14:01

Tgt Ion:276 Resp: 2153446

Ion	Ratio	Lower	Upper
276	100		
138	18.8	16.6	25.0
277	24.6	19.6	29.4