Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020856.D
Acq On : 11 Jun 2019 03:49
Operator : HP/JU
Sample : K3017-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jun 11 05:42:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 09 01:02:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	375227	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1453902	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	806769	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1762285	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1689278	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	2005461	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	27643	3.51	ng/uL	0.00
5) Phenol-d5	6.97	99	521883	18.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	331785	19.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	467429	20.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	434056	18.79	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	227995	22.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	239443	23.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	477319	22.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	194417	7.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1427140	23.91	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1754761	23.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	120726	11.79	ng/ul	0.00
57) Fluorene-d10	15.44	176	1206399	23.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	40558	4.50	ng/ul	0.00
70) Anthracene-d10	17.29	188	1818704	23.63	ng/ul	0.00
78) Pyrene-d10	19.59	212	1899237	23.26	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	2109355	23.14	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.00	94	480687	16.265	ng/ul	98
10) 2-Chlorophenol	7.37	128	398712	16.952	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.62	70	318971	16.976	ng/ul	97
33) 4-Chloro-3-methylphenol	11.88	107	385183	17.714	ng/ul	98
44) Dimethylphthalate	13.90	163	684989	11.463	ng/ul	100
47) Acenaphthylene	14.17	152	89550	1.223	ng/ul	98
49) Acenaphthene	14.51	153	1044855	20.445	ng/ul	99
52) 4-Nitrophenol	14.66	109	82837	9.867	ng/ul	97
54) 2,4-Dinitrotoluene	14.82	165	321449	19.837	ng/ul	96
58) Fluorene	15.50	166	59625	1.027	ng/ul	98
68) Pentachlorophenol	16.84	266	200504	16.285	ng/ul	99
69) Phenanthrene	17.24	178	3497642	39.436	ng/ul	99
71) Anthracene	17.33	178	300276	3.303	ng/ul	98
74) Carbazole	17.60	167	680424	8.607	ng/ul	99
76) Fluoranthene	19.26	202	12310600	121.121	ng/ul	99
79) Pyrene	19.62	202	11652318	111.745	ng/ul	98
80) Butylbenzylphthalate	20.52	149	55461	1.305	ng/ul#	53
82) Benzo(a)anthracene	21.36	228	4241200	40.247	ng/ul	96
84) Chrysene	21.41	228	6511075	66.587	ng/ul	98
87) Benzo(b)fluoranthene	22.98	252	10991144	94.212	ng/ul	98
88) Benzo(k)fluoranthene	22.98	252	10991144	98.566	ng/ul	98
90) Benzo(a)pyrene	23.57	252	5911981	53.266	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	26.00	276	5855507	44.667	ng/ul#	94

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020856.D
Acq On : 11 Jun 2019 03:49
Operator : HP/JU
Sample : K3017-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jun 11 05:42:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 09 01:02:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Dibenzo(a,h)anthracene	26.00	278	1279747	11.521	ng/ul#	84
93) Benzo(g,h,i)perylene	26.71	276	5509856	51.807	ng/ul	97

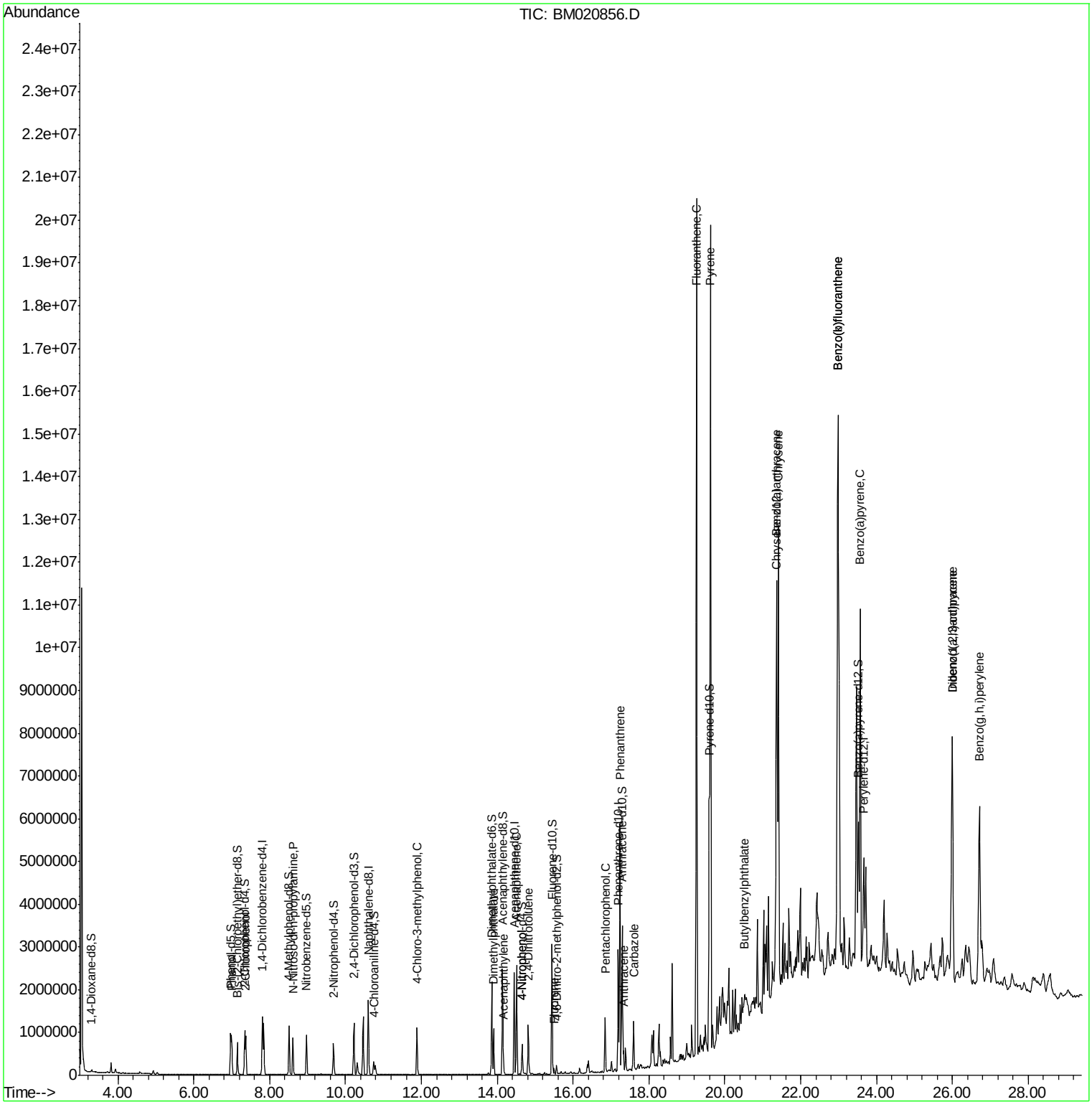
(#) = qualifier out of range (m) = manual integration (+) = signals summed

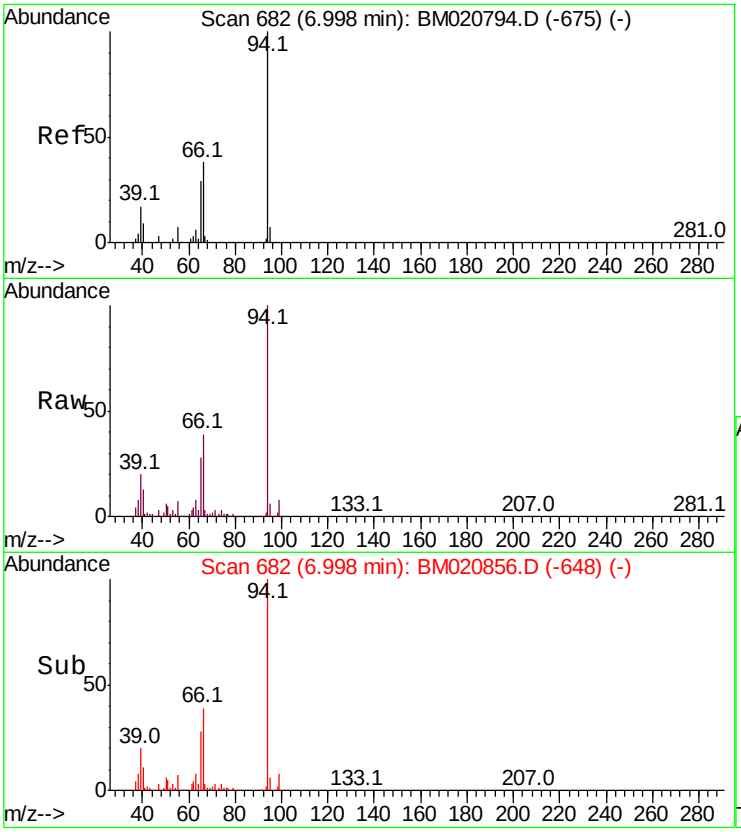
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020856.D
Acq On : 11 Jun 2019 03:49
Operator : HP/JU
Sample : K3017-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jun 11 05:42:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 09 01:02:58 2019
Response via : Initial Calibration



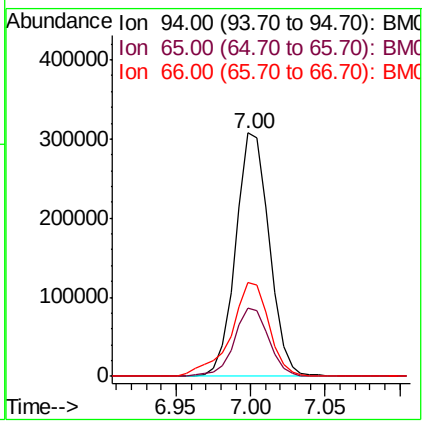


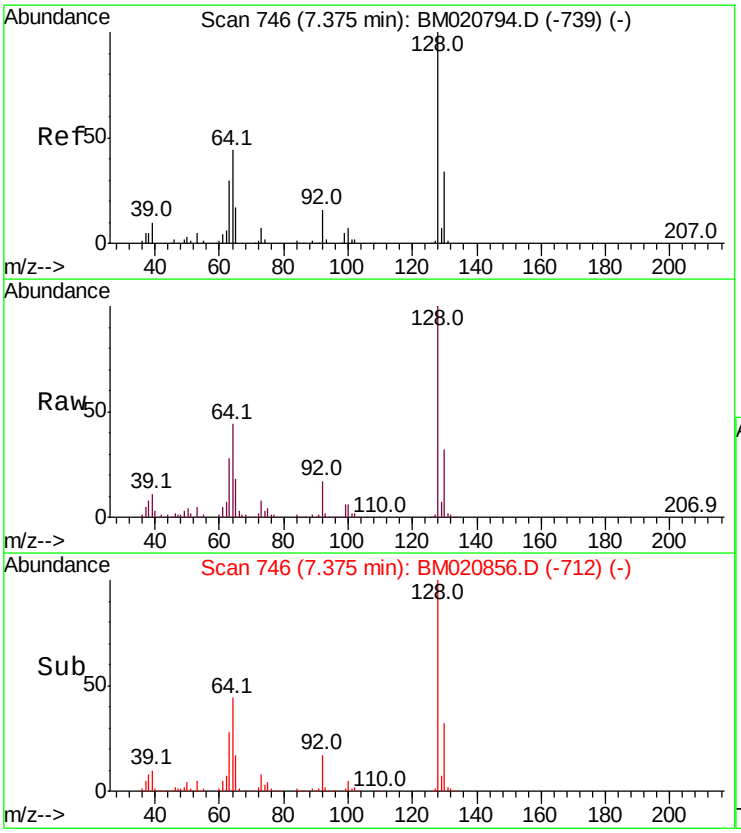
#6
Phenol
Concen: 16.265 ng/ul
RT: 7.00 min Scan# 682
Delta R.T. 0.00 min
Lab File: BM020856.D
Acq: 11 Jun 2019 03:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 480687

Ion	Ratio	Lower	Upper
94	100		
65	28.3	23.3	34.9
66	38.6	32.1	48.1

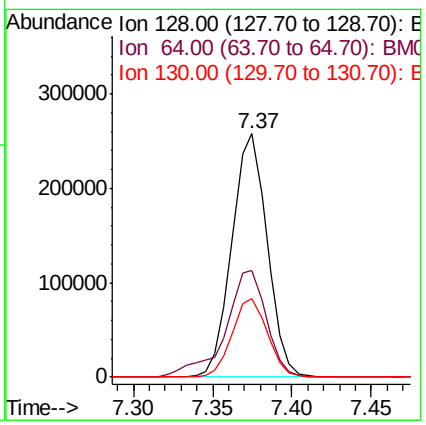


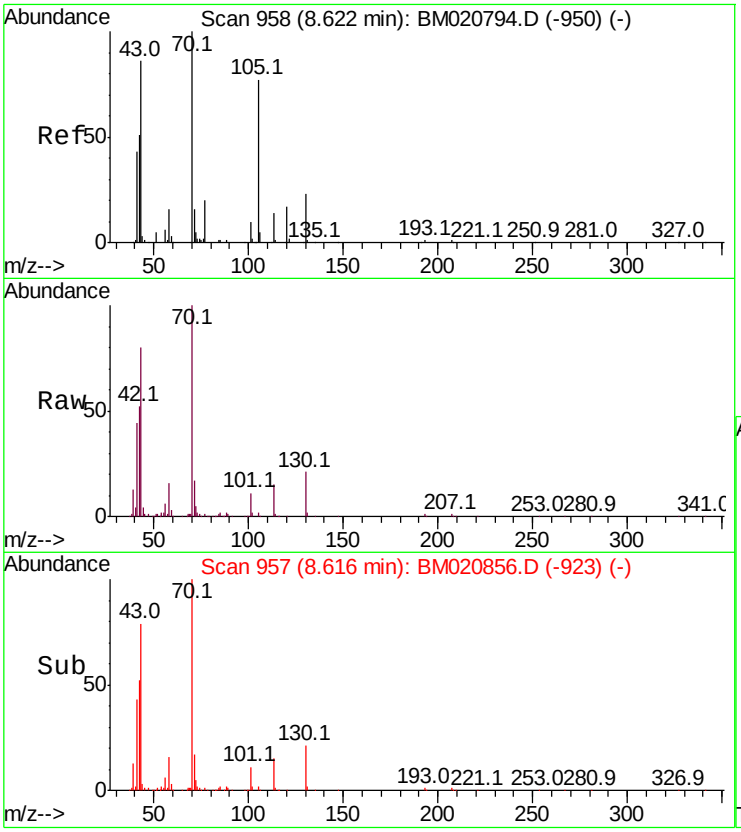


#10
2-Chlorophenol
Concen: 16.952 ng/ul
RT: 7.37 min Scan# 746
Delta R.T. 0.00 min
Lab File: BM020856.D
Acq: 11 Jun 2019 03:49

Tgt Ion:128 Resp: 398712

Ion	Ratio	Lower	Upper
128	100		
64	43.8	39.0	58.4
130	32.3	27.5	41.3



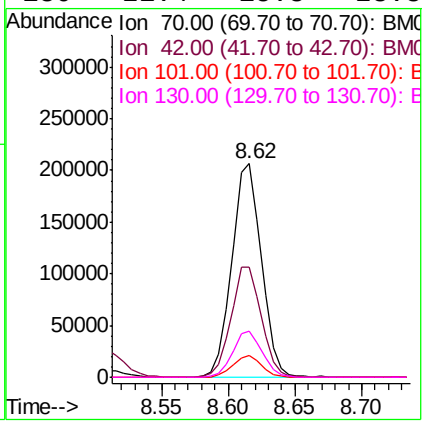


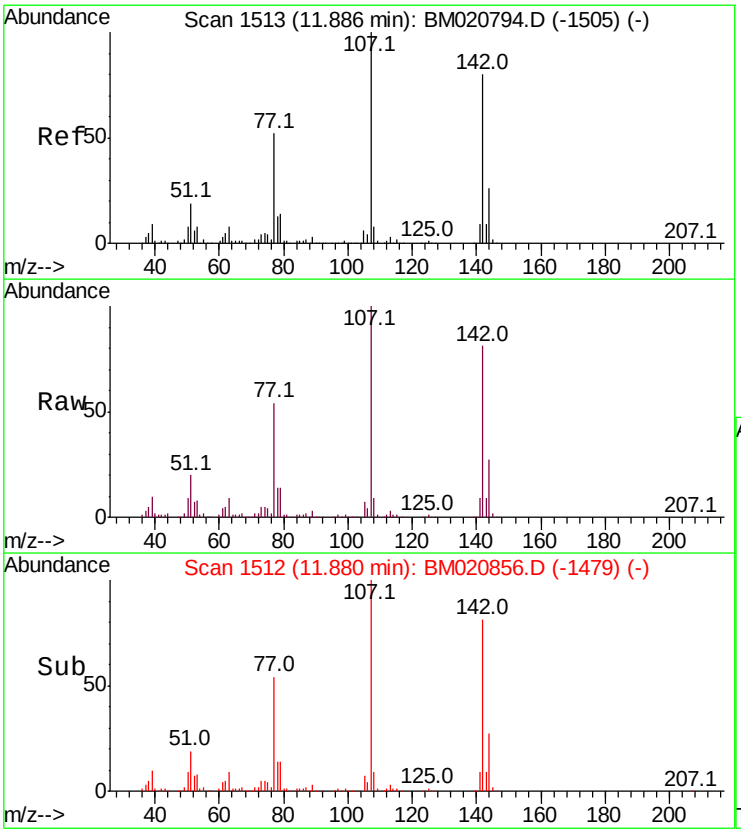
#15
N-Nitroso-di-n-propylamine
Concen: 16.976 ng/ul
RT: 8.62 min Scan# 957
Delta R.T. 0.00 min
Lab File: BM020856.D
Acq: 11 Jun 2019 03:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 318971

Ion	Ratio	Lower	Upper
70	100		
42	51.8	43.6	65.4
101	10.5	8.2	12.2
130	21.4	15.8	23.8

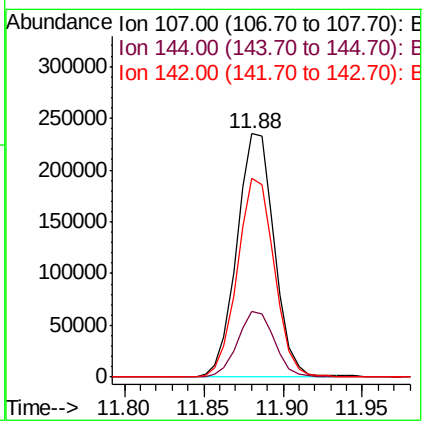


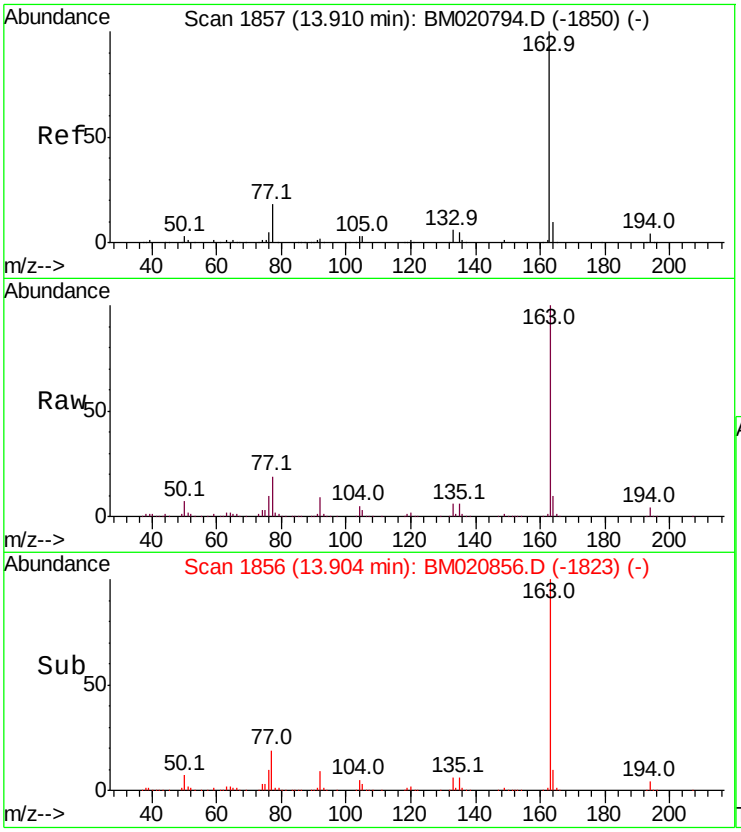


#33
4-Chloro-3-methylphenol
Concen: 17.714 ng/ul
RT: 11.88 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BM020856.D
Acq: 11 Jun 2019 03:49

Tgt Ion:107 Resp: 385183

Ion	Ratio	Lower	Upper
107	100		
144	27.0	21.3	31.9
142	81.4	63.2	94.8



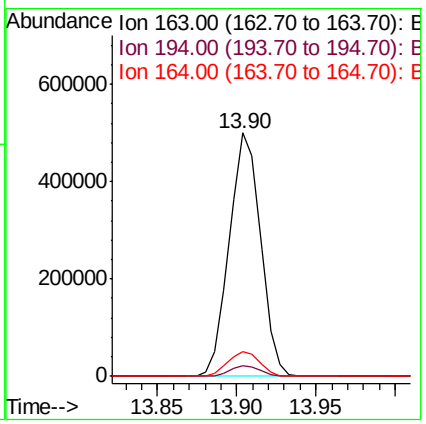


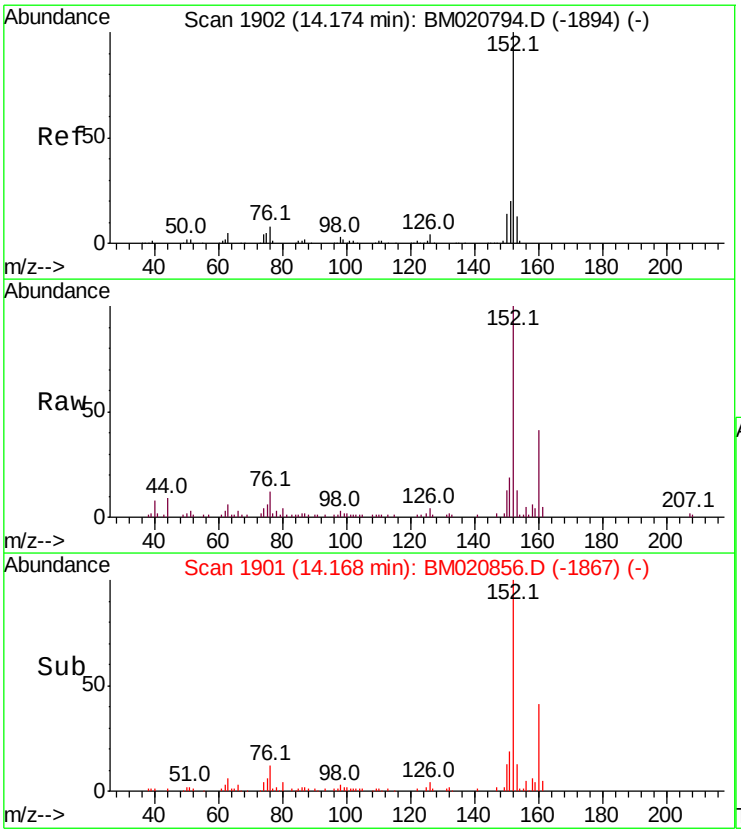
#44
Dimethylphthalate
Concen: 11.463 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM020856.D
Acq: 11 Jun 2019 03:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 684989

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.2	8.0	12.0

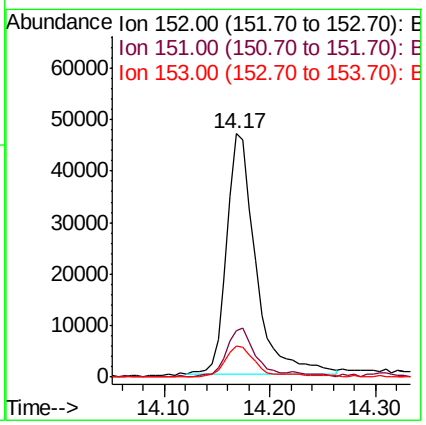


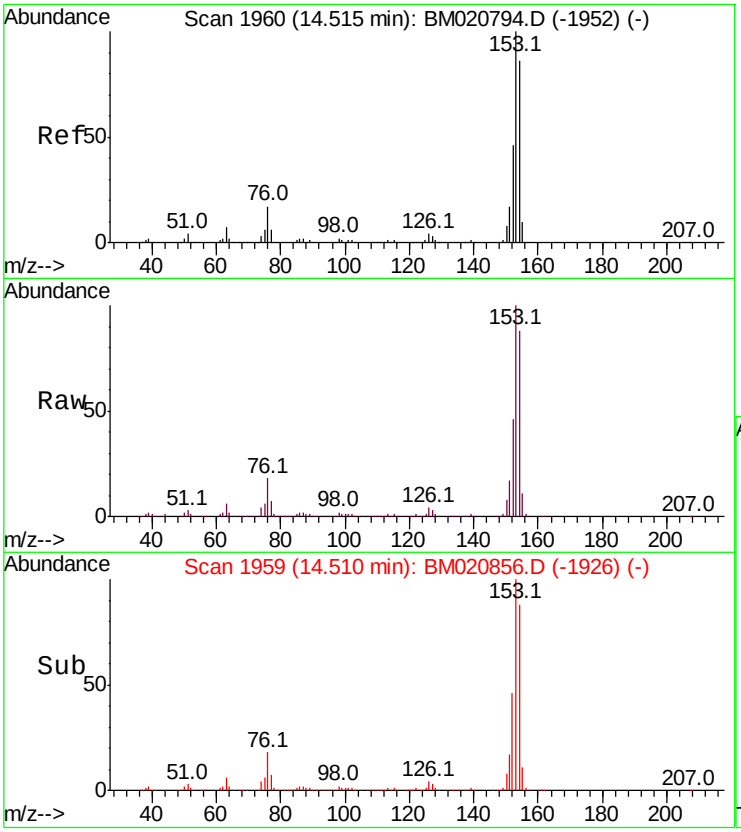


#47
Acenaphthylene
Concen: 1.223 ng/ul
RT: 14.17 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BM020856.D
Acq: 11 Jun 2019 03:49

Tgt Ion:152 Resp: 89550

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.2
153	12.8	10.6	15.8



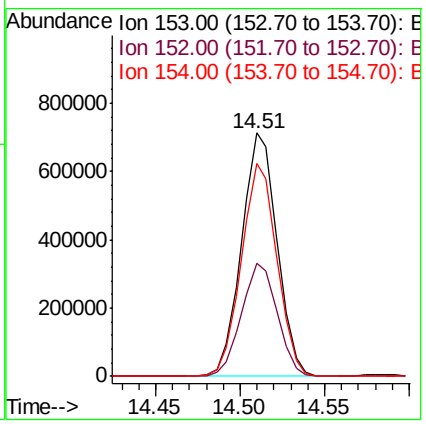


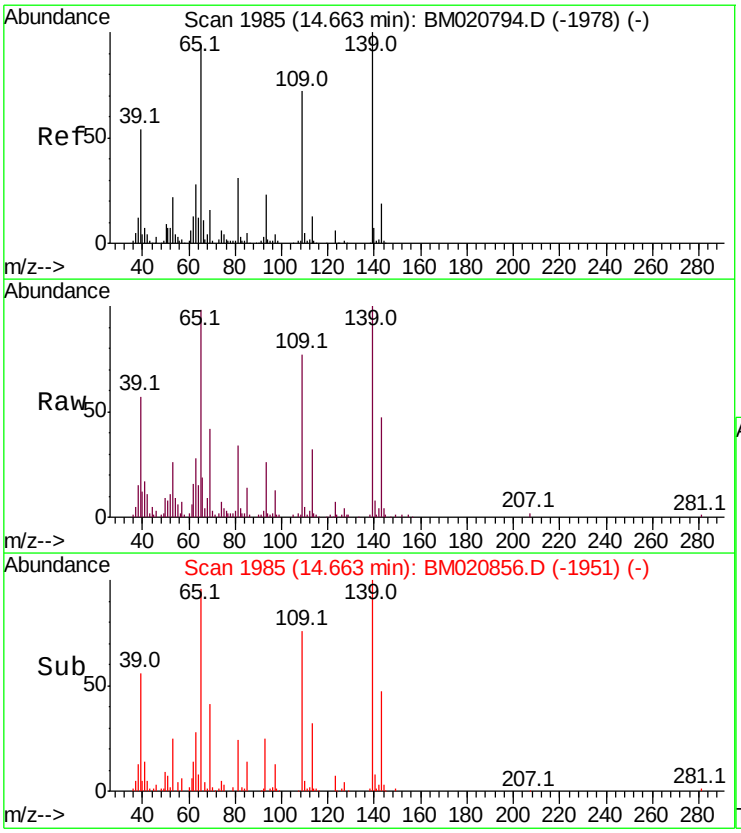
#49
Acenaphthene
Concen: 20.445 ng/ul
RT: 14.51 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BM020856.D
Acq: 11 Jun 2019 03:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 1044855

Ion	Ratio	Lower	Upper
153	100		
152	46.3	37.3	55.9
154	87.6	68.7	103.1

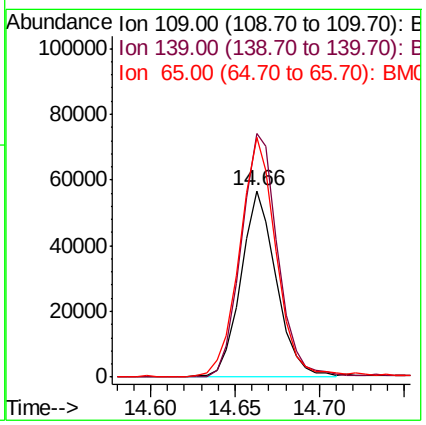


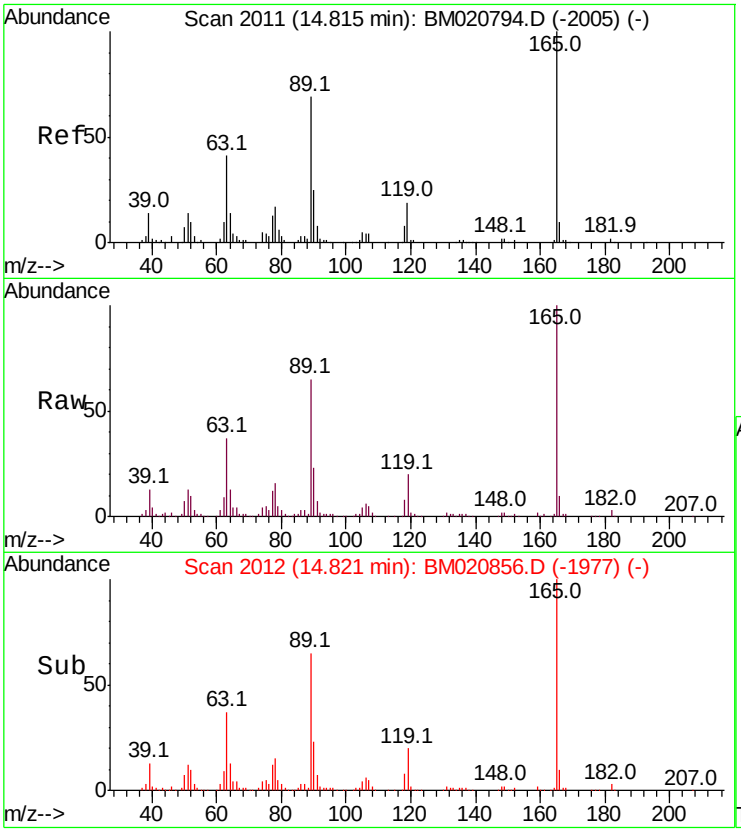


#52
4-Nitrophenol
Concen: 9.867 ng/ul
RT: 14.66 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BM020856.D
Acq: 11 Jun 2019 03:49

Tgt Ion:109 Resp: 82837

Ion	Ratio	Lower	Upper
109	100		
139	130.5	105.9	158.9
65	128.4	106.2	159.4



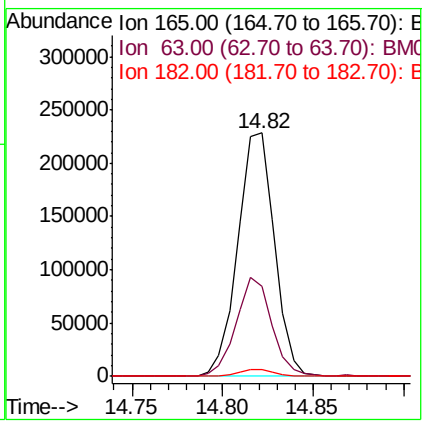


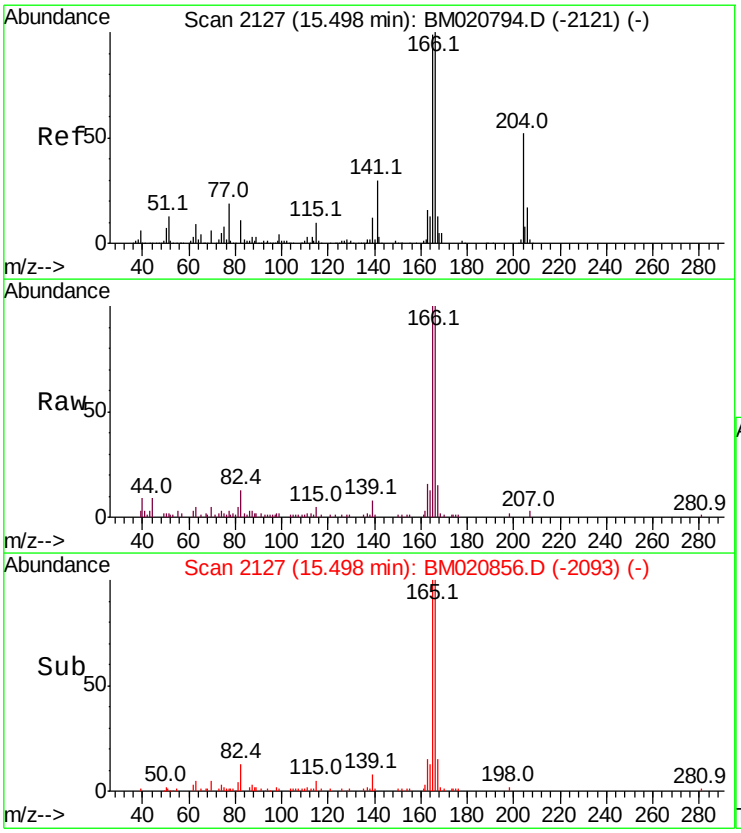
#54
2,4-Dinitrotoluene
Concen: 19.837 ng/ul
RT: 14.82 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BM020856.D
Acq: 11 Jun 2019 03:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 321449

Ion	Ratio	Lower	Upper
165	100		
63	37.2	31.7	47.5
182	3.0	2.2	3.4

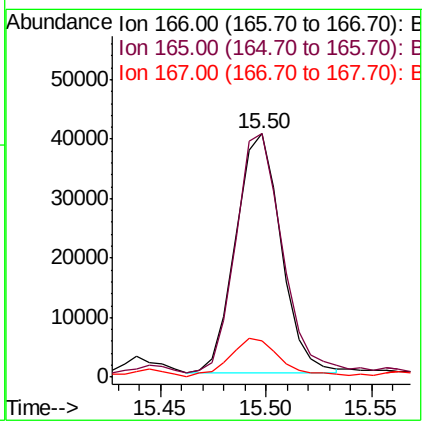


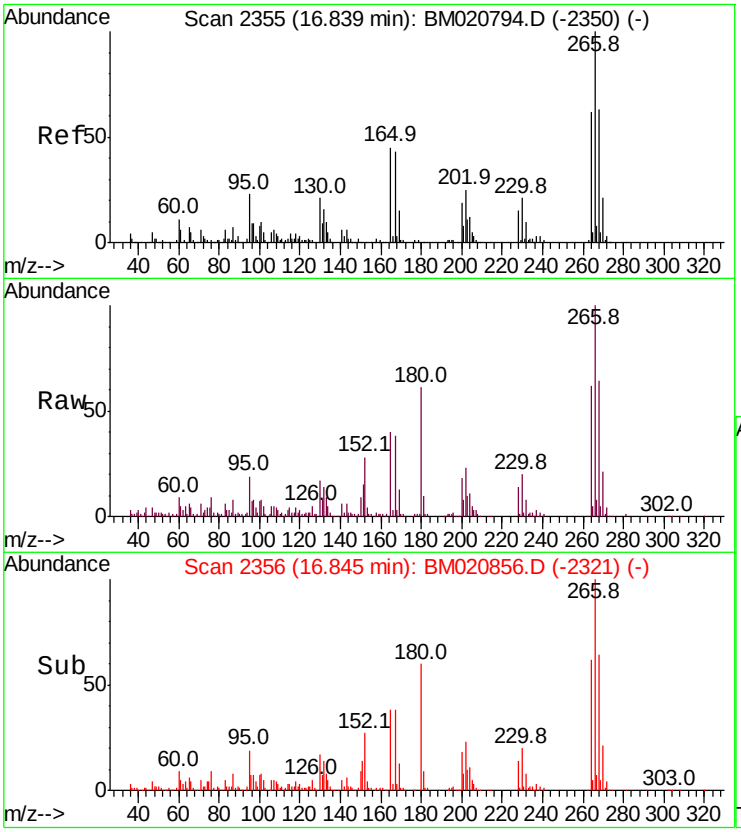


#58
Fluorene
Concen: 1.027 ng/ul
RT: 15.50 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BM020856.D
Acq: 11 Jun 2019 03:49

Tgt Ion:166 Resp: 59625

Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.6	117.8
167	15.1	10.8	16.2



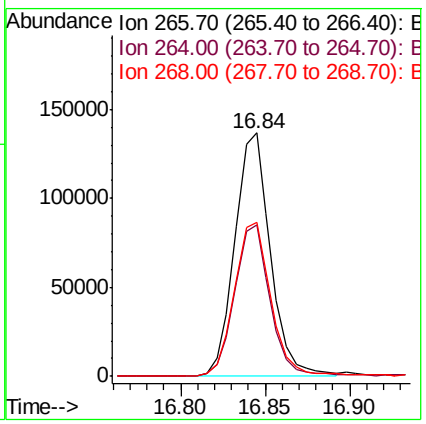


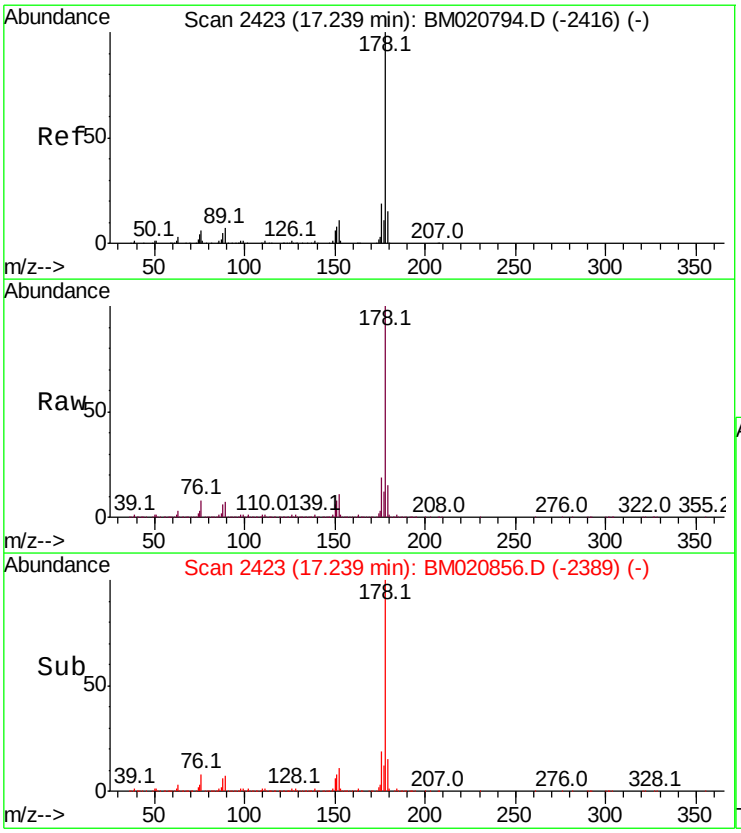
#68
Pentachlorophenol
Concen: 16.285 ng/ul
RT: 16.84 min Scan# 2356
Delta R.T. 0.01 min
Lab File: BM020856.D
Acq: 11 Jun 2019 03:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 200504

Ion	Ratio	Lower	Upper
266	100		
264	62.0	50.3	75.5
268	63.5	51.2	76.8

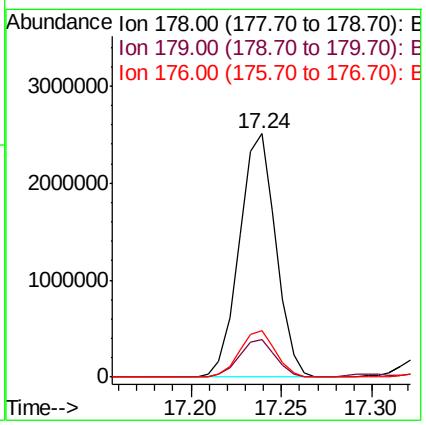


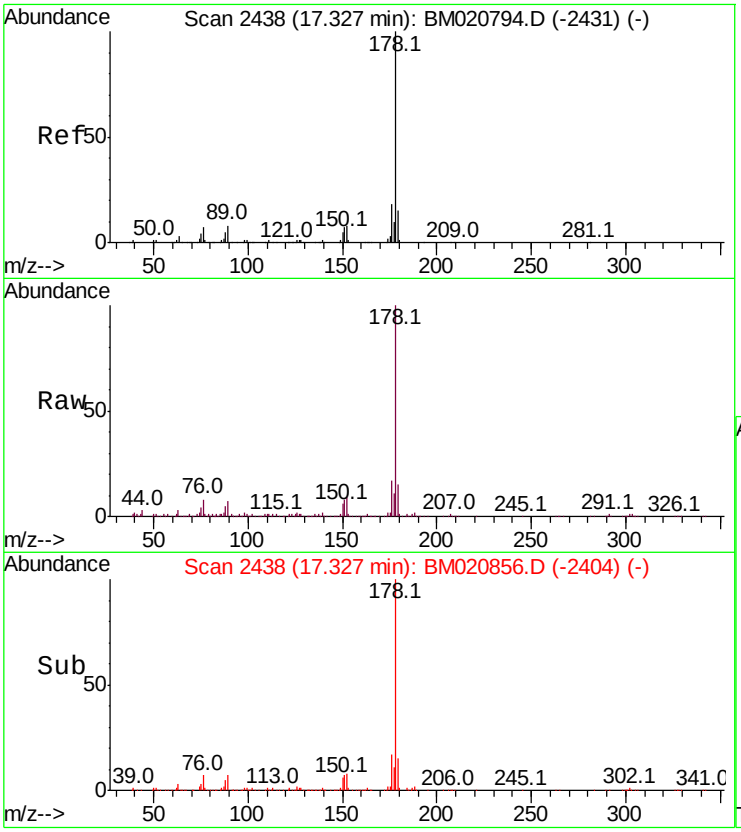


#69
Phenanthrene
Concen: 39.436 ng/ul
RT: 17.24 min Scan# 2423
Delta R.T. 0.00 min
Lab File: BM020856.D
Acq: 11 Jun 2019 03:49

Tgt Ion:178 Resp: 3497642

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.1	14.8	22.2



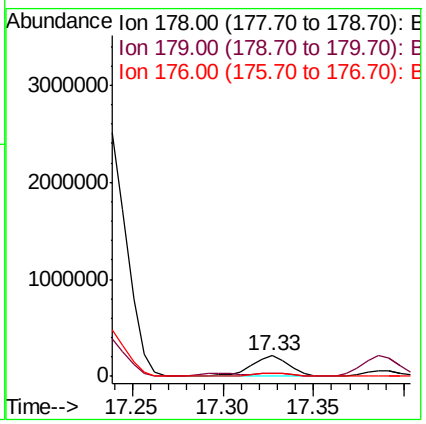


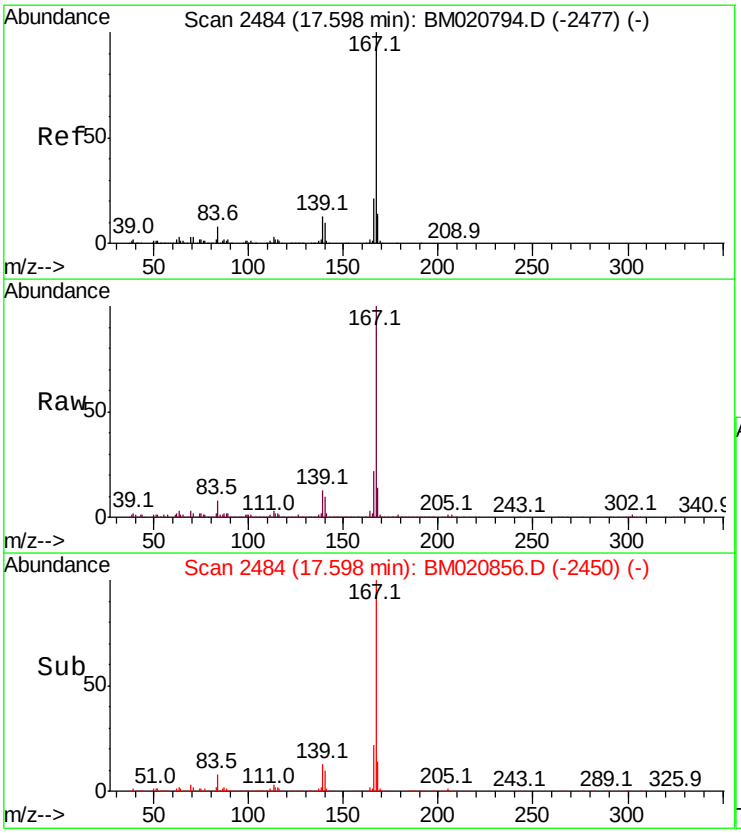
#71
Anthracene
Concen: 3.303 ng/ul
RT: 17.33 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BM020856.D
Acq: 11 Jun 2019 03:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 300276

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.1	18.1
176	16.8	14.9	22.3

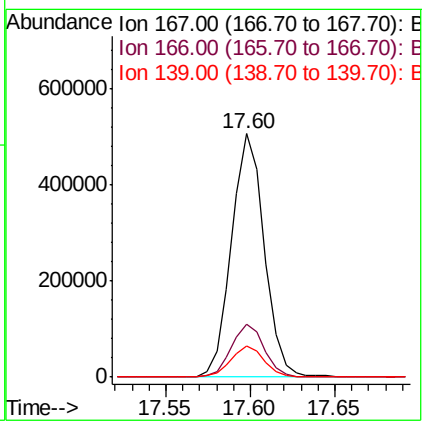


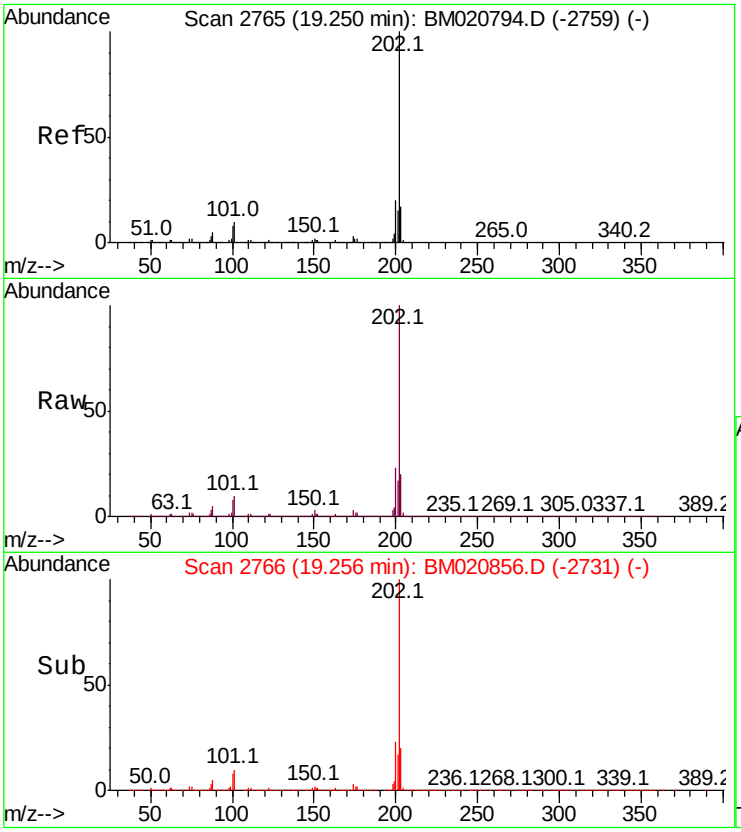


#74
Carbazole
Concen: 8.607 ng/ul
RT: 17.60 min Scan# 2484
Delta R.T. 0.00 min
Lab File: BM020856.D
Acq: 11 Jun 2019 03:49

Tgt Ion:167 Resp: 680424

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.6
139	13.0	10.5	15.7



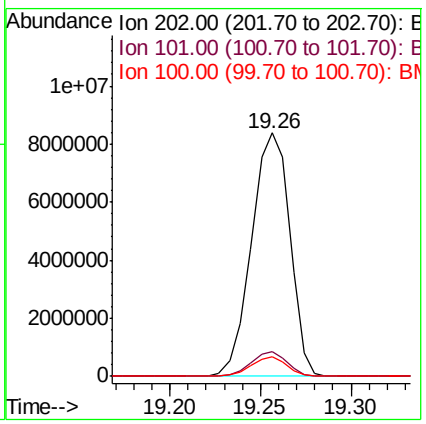


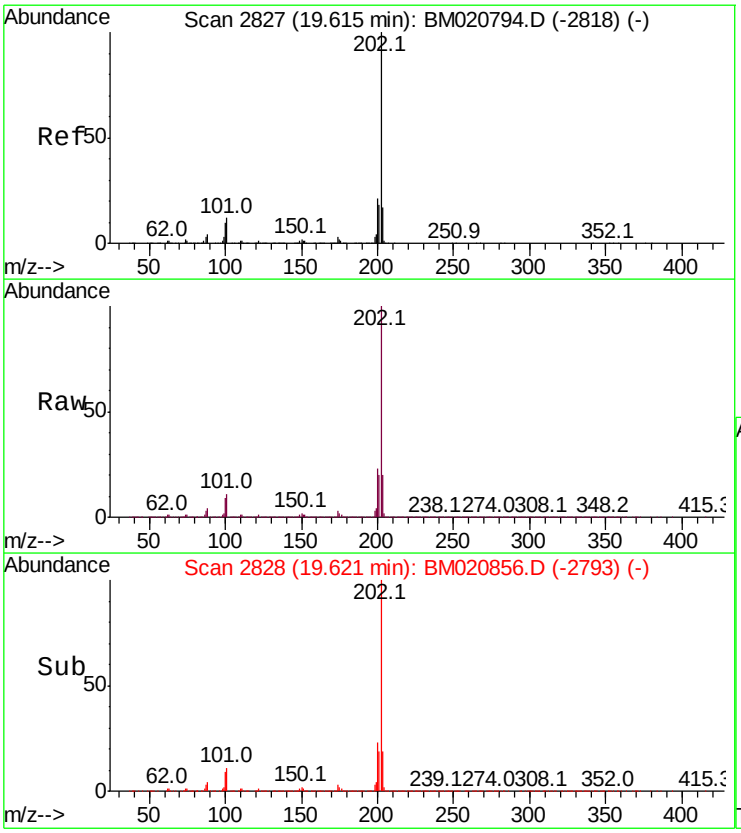
#76
Fluoranthene
Concen: 121.121 ng/ul
RT: 19.26 min Scan# 2766
Delta R.T. 0.01 min
Lab File: BM020856.D
Acq: 11 Jun 2019 03:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp:12310600

Ion	Ratio	Lower	Upper
202	100		
101	10.2	7.9	11.9
100	7.9	6.2	9.4

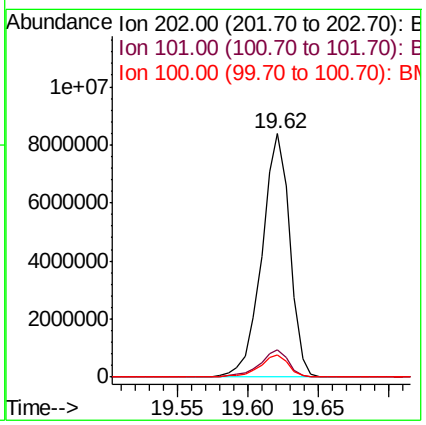


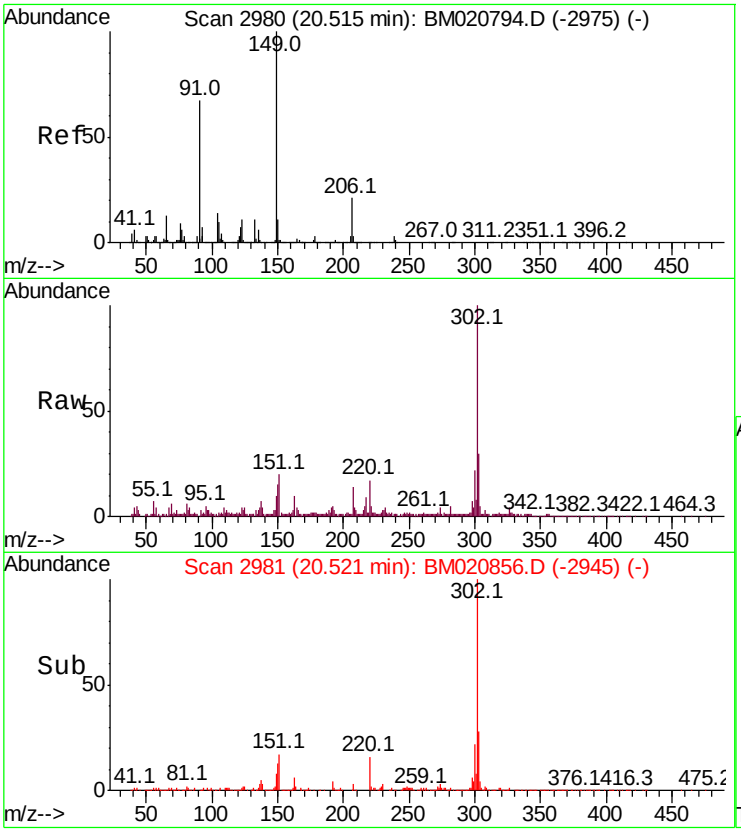


#79
Pyrene
Concen: 111.745 ng/ul
RT: 19.62 min Scan# 2828
Delta R.T. 0.01 min
Lab File: BM020856.D
Acq: 11 Jun 2019 03:49

Tgt Ion:202 Resp:11652318

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.8	14.6
100	9.3	8.0	12.0



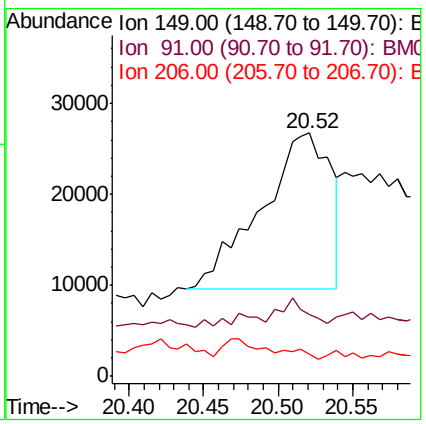


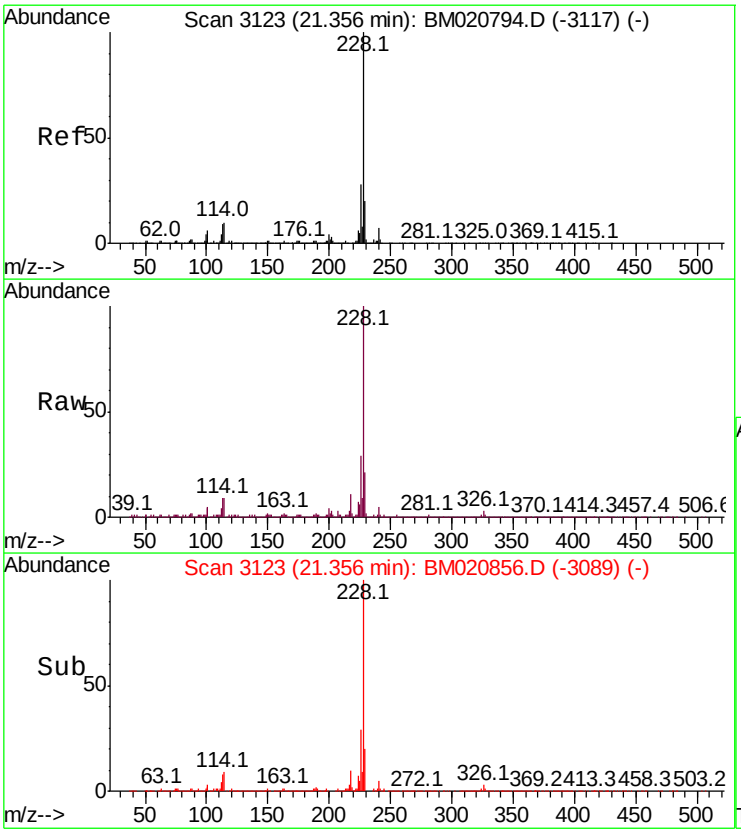
#80
Butylbenzylphthalate
Concen: 1.305 ng/ul
RT: 20.52 min Scan# 2981
Delta R.T. 0.01 min
Lab File: BM020856.D
Acq: 11 Jun 2019 03:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 55461

Ion	Ratio	Lower	Upper
149	100		
91	25.6	55.8	83.6#
206	8.9	16.2	24.4#

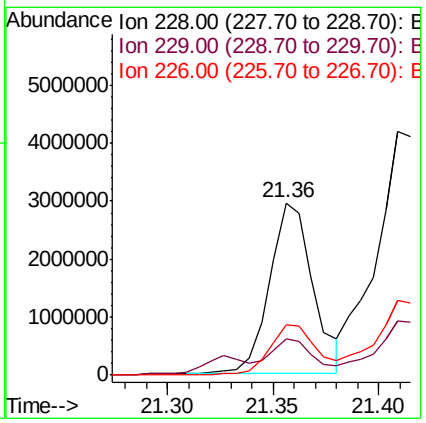


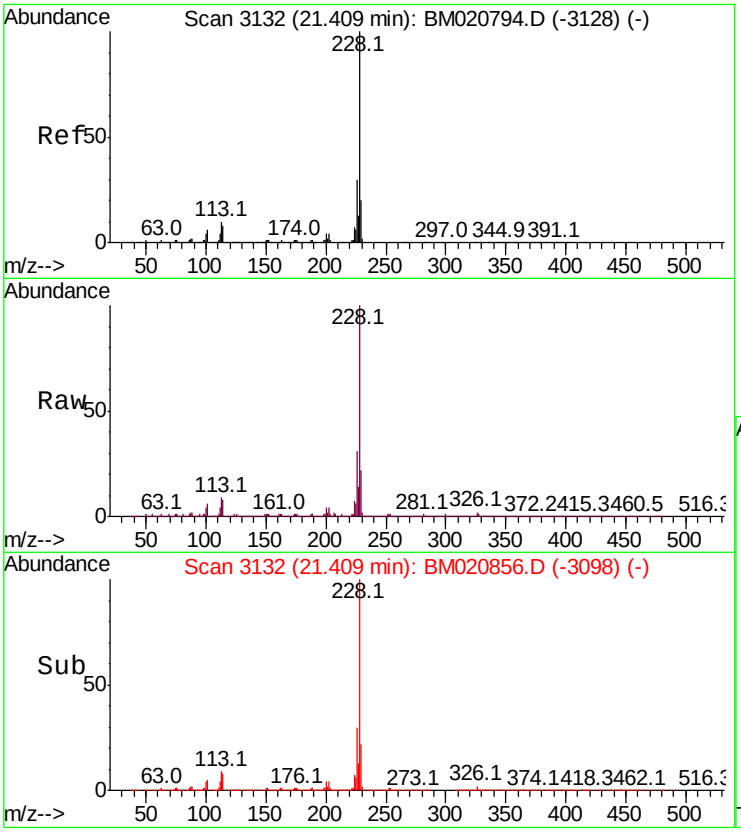


#82
Benzo(a)anthracene
Concen: 40.247 ng/ul
RT: 21.36 min Scan# 3123
Delta R.T. 0.00 min
Lab File: BM020856.D
Acq: 11 Jun 2019 03:49

Tgt Ion:228 Resp: 4241200

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.6	23.4
226	28.8	21.4	32.2



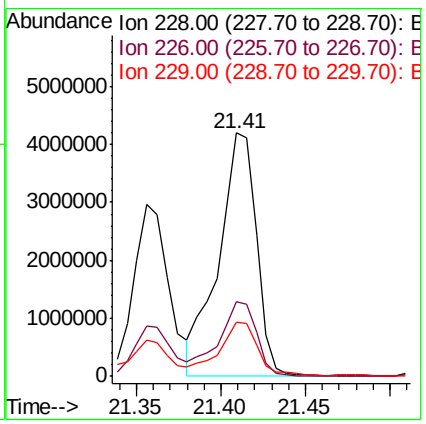


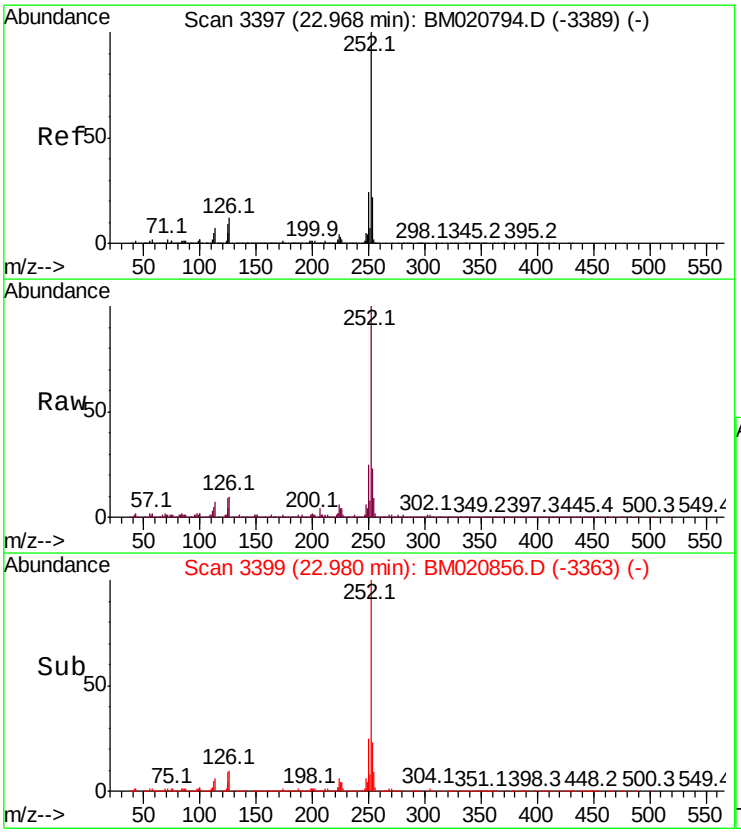
#84
Chrysene
Concen: 66.587 ng/ul
RT: 21.41 min Scan# 3132
Delta R.T. 0.00 min
Lab File: BM020856.D
Acq: 11 Jun 2019 03:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 6511075

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	22.1	16.2	24.2

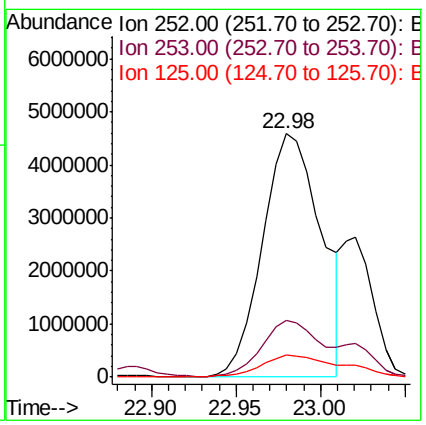


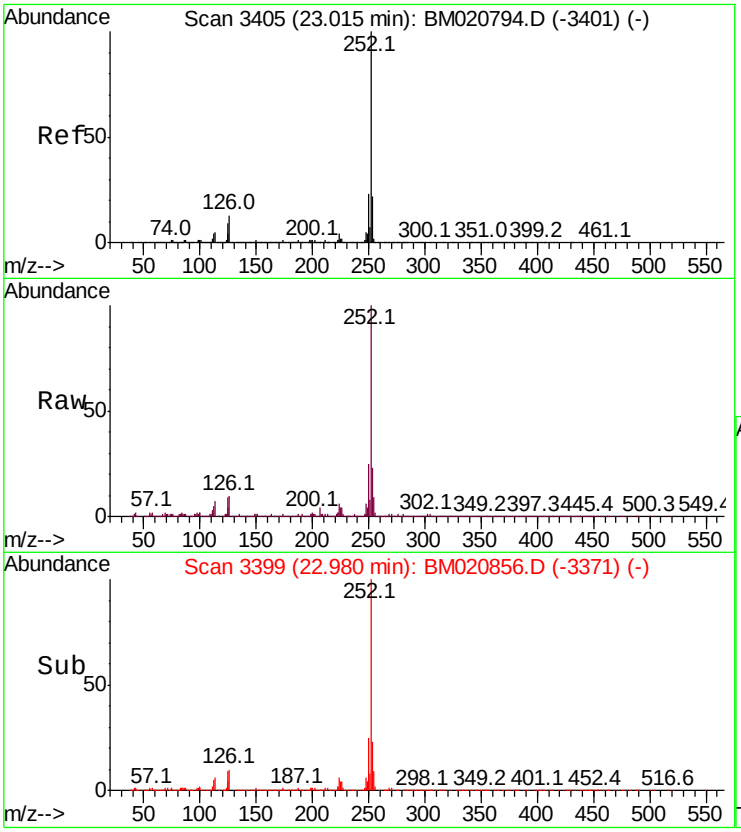


#87
Benzo(b)fluoranthene
Concen: 94.212 ng/ul
RT: 22.98 min Scan# 3399
Delta R.T. 0.01 min
Lab File: BM020856.D
Acq: 11 Jun 2019 03:49

Tgt Ion:252 Resp:10991144

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	9.0	7.3	10.9



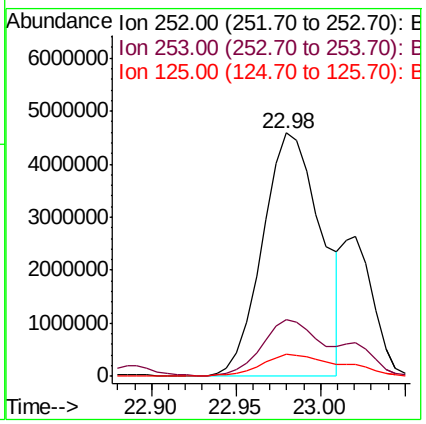


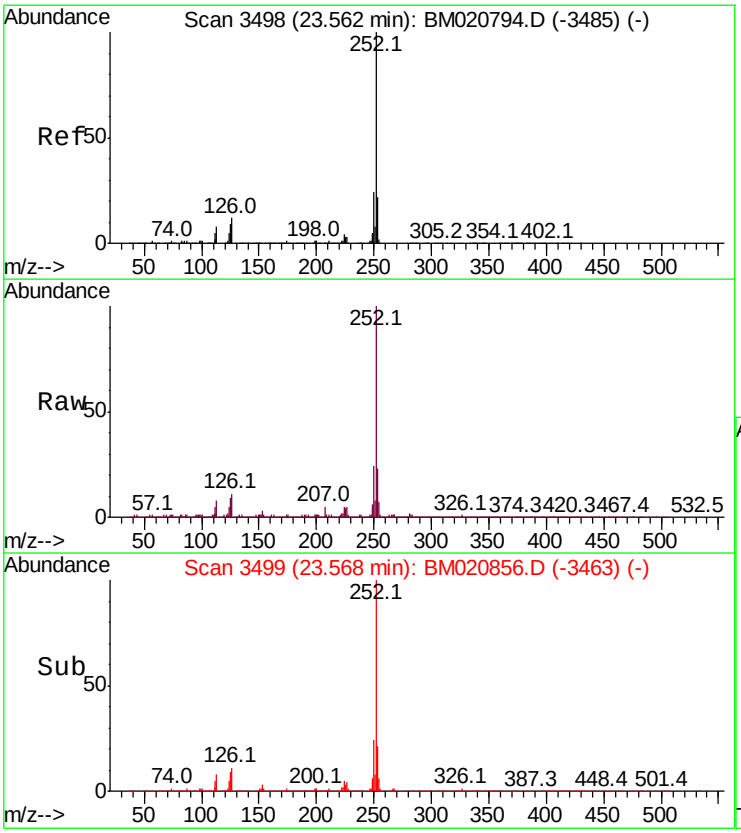
#88
Benzo(k)fluoranthene
Concen: 98.566 ng/ul
RT: 22.98 min Scan# 3399
Delta R.T. -0.04 min
Lab File: BM020856.D
Acq: 11 Jun 2019 03:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp:10991144

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	9.0	7.3	10.9

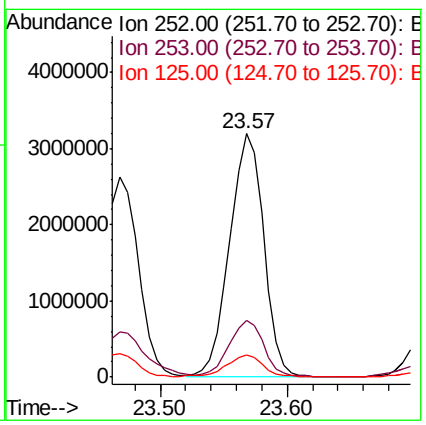


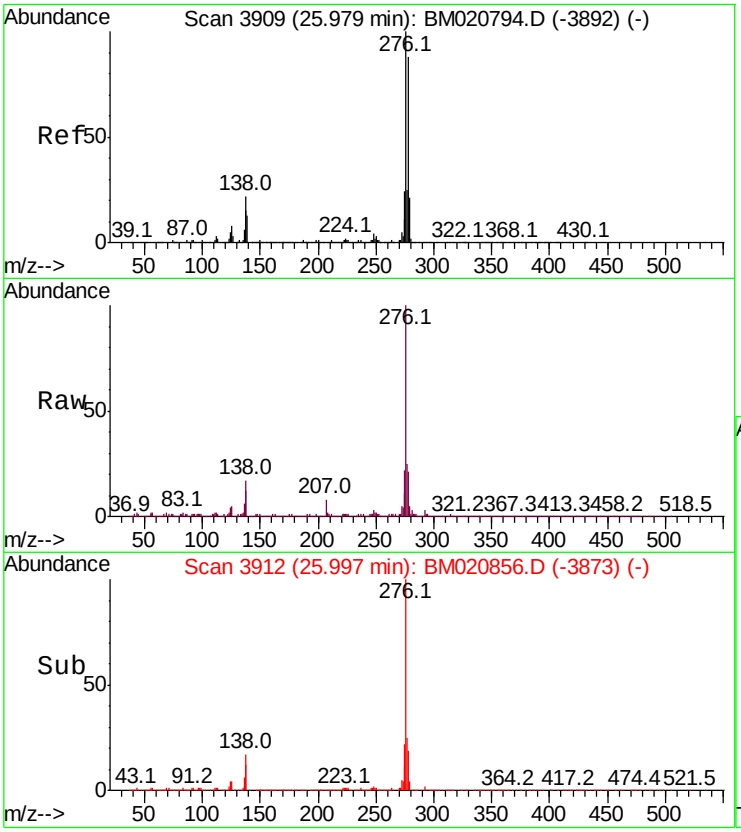


#90
Benzo(a)pyrene
Concen: 53.266 ng/ul
RT: 23.57 min Scan# 3499
Delta R.T. 0.01 min
Lab File: BM020856.D
Acq: 11 Jun 2019 03:49

Tgt Ion:252 Resp: 5911981

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	9.1	8.2	12.4



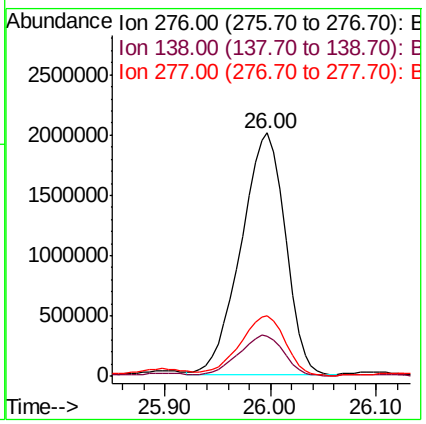


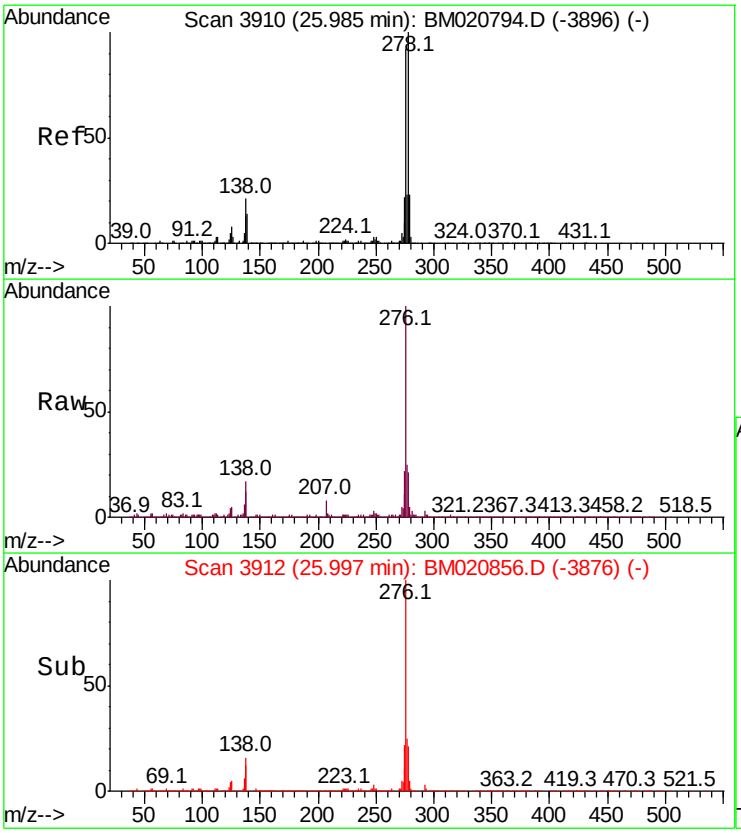
#91
Indeno(1,2,3-cd)pyrene
Concen: 44.667 ng/ul
RT: 26.00 min Scan# 3912
Delta R.T. 0.03 min
Lab File: BM020856.D
Acq: 11 Jun 2019 03:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 5855507

Ion	Ratio	Lower	Upper
276	100		
138	16.7	17.8	26.8#
277	25.1	20.0	30.0

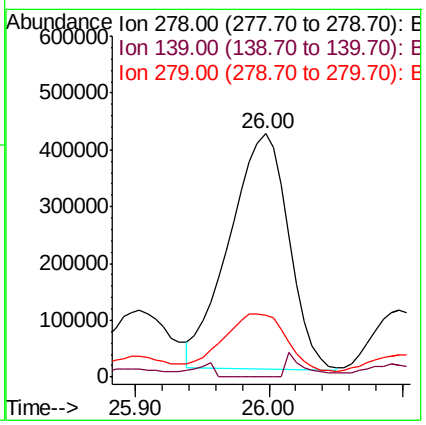


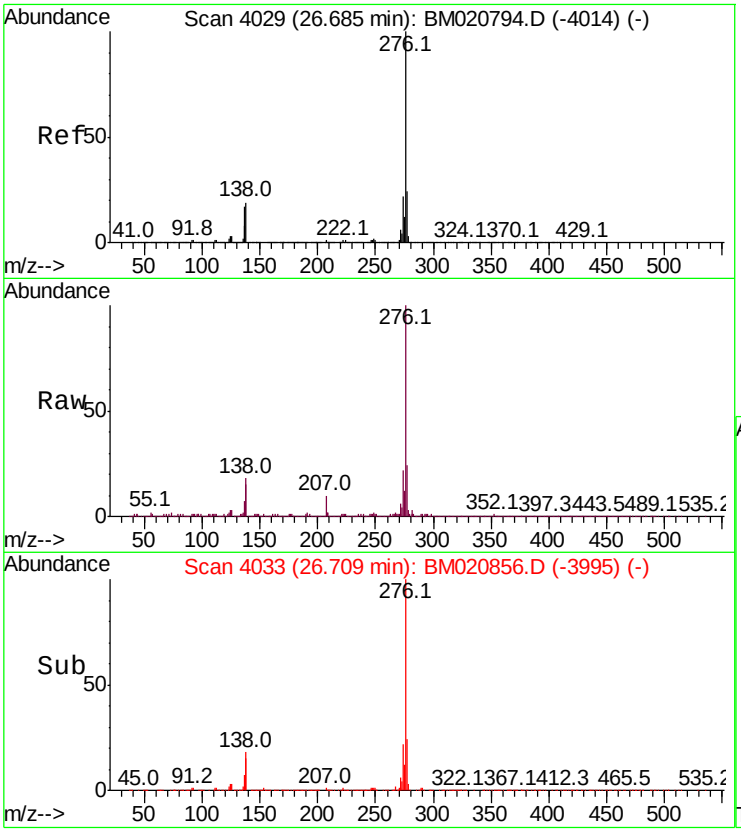


#92
Dibenzo(a,h)anthracene
Concen: 11.521 ng/ul
RT: 26.00 min Scan# 3912
Delta R.T. 0.01 min
Lab File: BM020856.D
Acq: 11 Jun 2019 03:49

Tgt Ion:278 Resp: 1279747

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.6	17.4#
279	25.4	18.6	28.0





#93
Benzo(g,h,i)perylene
Concen: 51.807 ng/ul
RT: 26.71 min Scan# 4033
Delta R.T. 0.02 min
Lab File: BM020856.D
Acq: 11 Jun 2019 03:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 5509856

Ion	Ratio	Lower	Upper
276	100		
138	17.7	16.6	25.0
277	24.3	19.6	29.4