Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017100.D
Acq On : 10 Oct 2018 16:20
Operator : MJ/SJ
Sample : J5295-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 11 04:15:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 11 04:10:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	295571	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1347386	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	705211	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1374283	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1113375	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	1207493	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	21094	3.55	ng/uL	0.00
5) Phenol-d5	6.87	99	527313	21.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	411311	27.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	544893	26.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	402262	20.78	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	300119	30.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	317956	31.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	549219	26.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	405190	16.36	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1755872	31.38	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	2323822	32.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	87677	8.29	ng/ul	0.00
58) Fluorene-d10	15.33	176	1539073	30.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	112345	13.86	ng/ul	0.00
71) Anthracene-d10	17.18	188	2060213	31.39	ng/ul	0.00
79) Pyrene-d10	19.48	212	1902171	37.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	2012187	32.55	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.90	94	591276	23.920	ng/ul	98
10) 2-Chlorophenol	7.26	128	510655	24.966	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.50	70	397563	27.761	ng/ul	96
28) Naphthalene	10.52	128	178616	2.580	ng/ul	99
33) 4-Chloro-3-methylphenol	11.76	107	496444	24.128	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	68797	1.407	ng/ul	100
35) 1-Methylnaphthalene	12.36	142	53611	1.126	ng/ul	98
45) Dimethylphthalate	13.79	163	331721	5.987	ng/ul	100
48) Acenaphthylene	14.05	152	83722	1.222	ng/ul	97
50) Acenaphthene	14.40	153	1497061	30.757	ng/ul	100
53) 4-Nitrophenol	14.56	109	81916	10.672	ng/ul	96
54) Dibenzofuran	14.73	168	150907	2.196	ng/ul	97
55) 2,4-Dinitrotoluene	14.70	165	396048	26.242	ng/ul	97
59) Fluorene	15.39	166	147951	2.640	ng/ul	98
69) Pentachlorophenol	16.73	266	229219	21.809	ng/ul	98
70) Phenanthrene	17.13	178	2041314	26.491	ng/ul	100
72) Anthracene	17.22	178	475760	6.076	ng/ul	99
75) Carbazole	17.49	167	177324	2.617	ng/ul	98
76) Di-n-butylphthalate	18.06	149	211675	2.794	ng/ul#	96
77) Fluoranthene	19.14	202	2364590	26.492	ng/ul	99
80) Pyrene	19.51	202	4185935	64.888	ng/ul	99
83) Benzo(a)anthracene	21.26	228	970961	14.537	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.20	149	1388337	40.244	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017100.D
Acq On : 10 Oct 2018 16:20
Operator : MJ/SJ
Sample : J5295-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 11 04:15:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 11 04:10:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Chrysene	21.31	228	969717	15.012	ng/ul	97
88) Benzo(b)fluoranthene	22.84	252	1163580	16.183	ng/ul#	91
89) Benzo(k)fluoranthene	22.84	252	1163580	16.845	ng/ul#	91
91) Benzo(a)pyrene	23.40	252	863512	12.462	ng/ul#	90
92) Indeno(1,2,3-cd)pyrene	25.73	276	582400	7.119	ng/ul	98
93) Dibenzo(a,h)anthracene	25.73	278	156662	2.300	ng/ul#	82
94) Benzo(g,h,i)perylene	26.41	276	548821	8.056	ng/ul	97

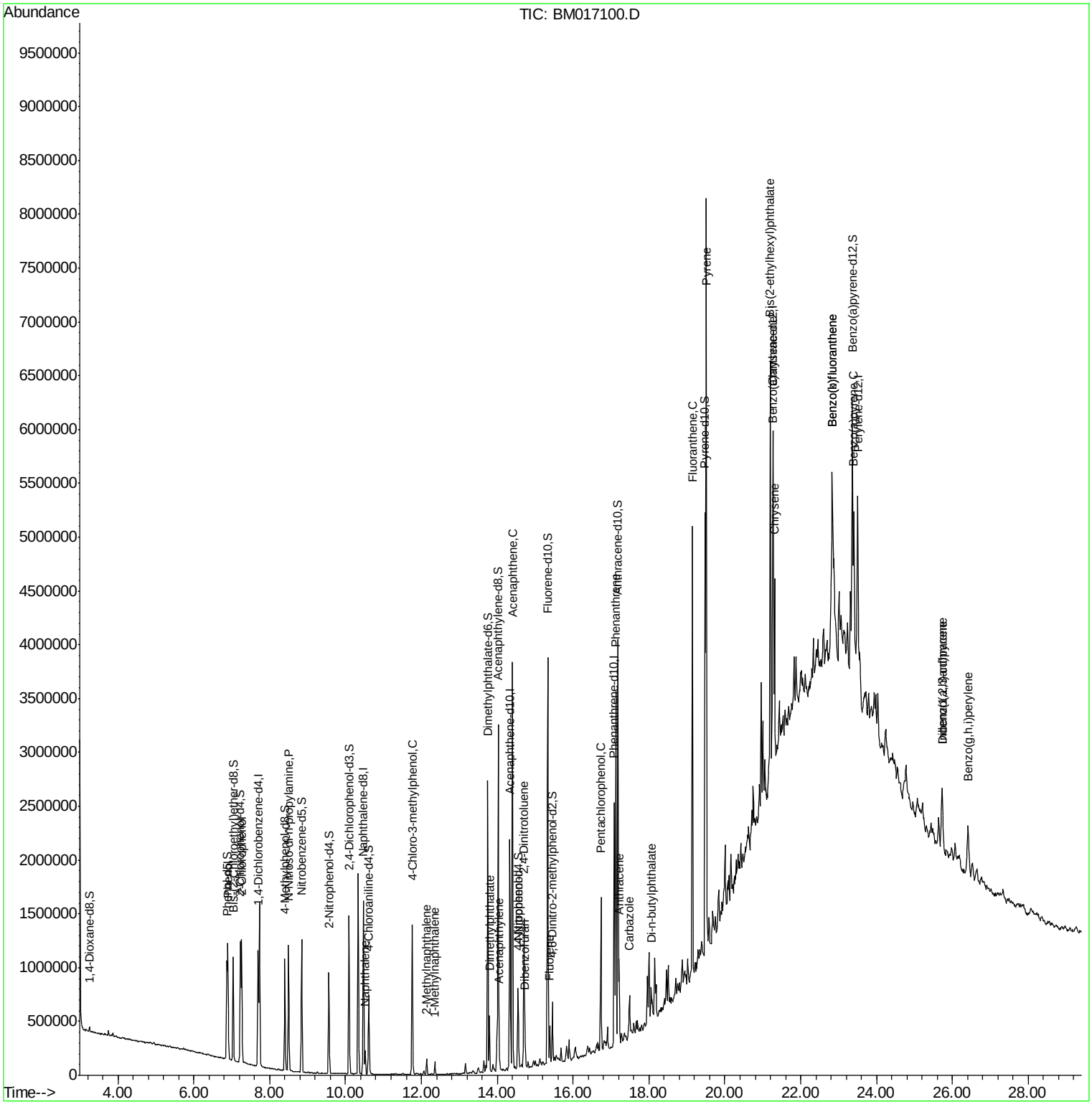
(#) = qualifier out of range (m) = manual integration (+) = signals summed

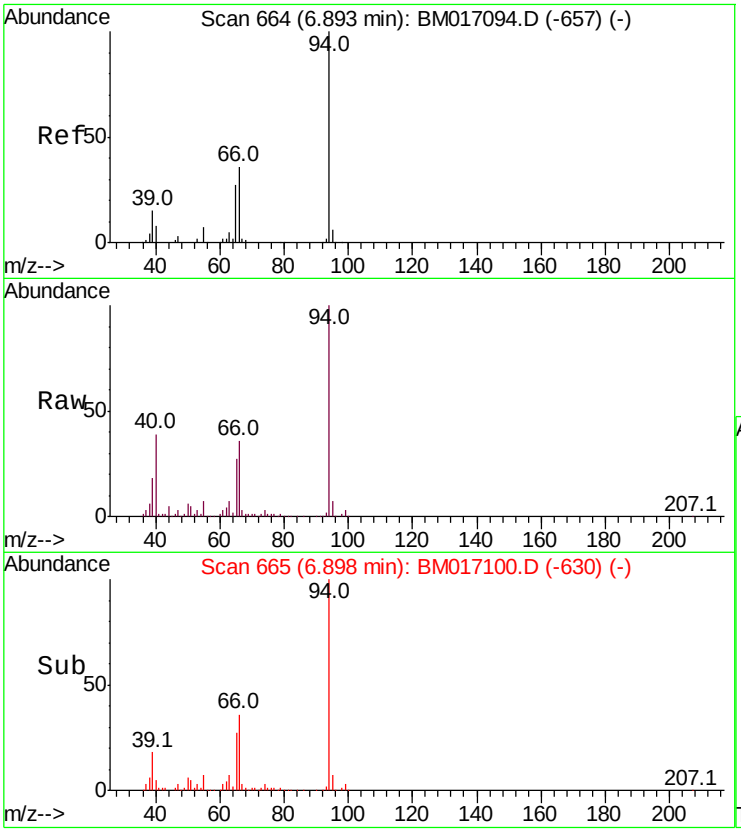
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017100.D
Acq On : 10 Oct 2018 16:20
Operator : MJ/SJ
Sample : J5295-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 11 04:15:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 11 04:10:28 2018
Response via : Initial Calibration



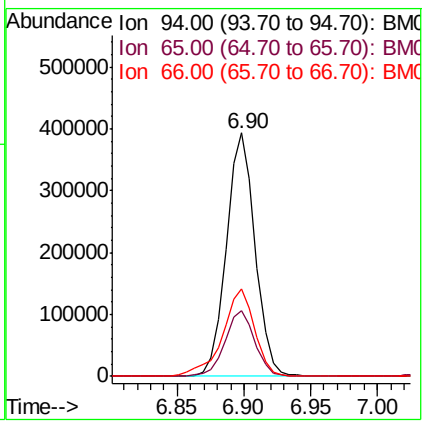


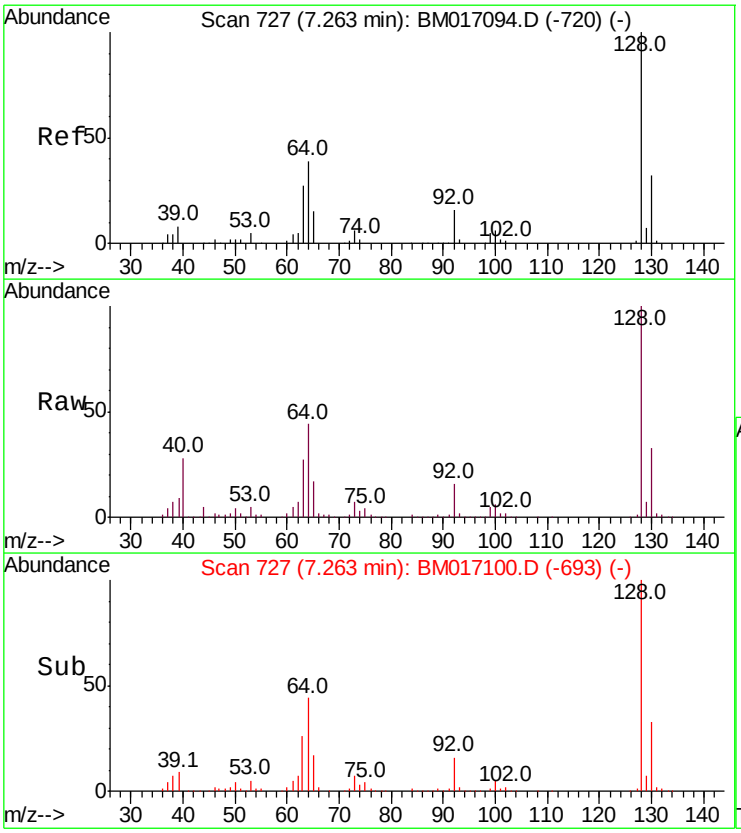
#6
Phenol
Concen: 23.920 ng/ul
RT: 6.90 min Scan# 665
Delta R.T. 0.01 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 591276

Ion	Ratio	Lower	Upper
94	100		
65	27.2	22.8	34.2
66	36.2	29.5	44.3

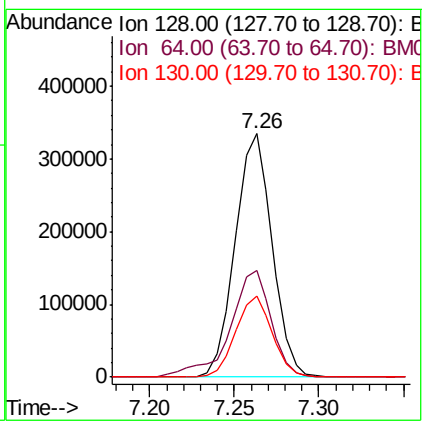


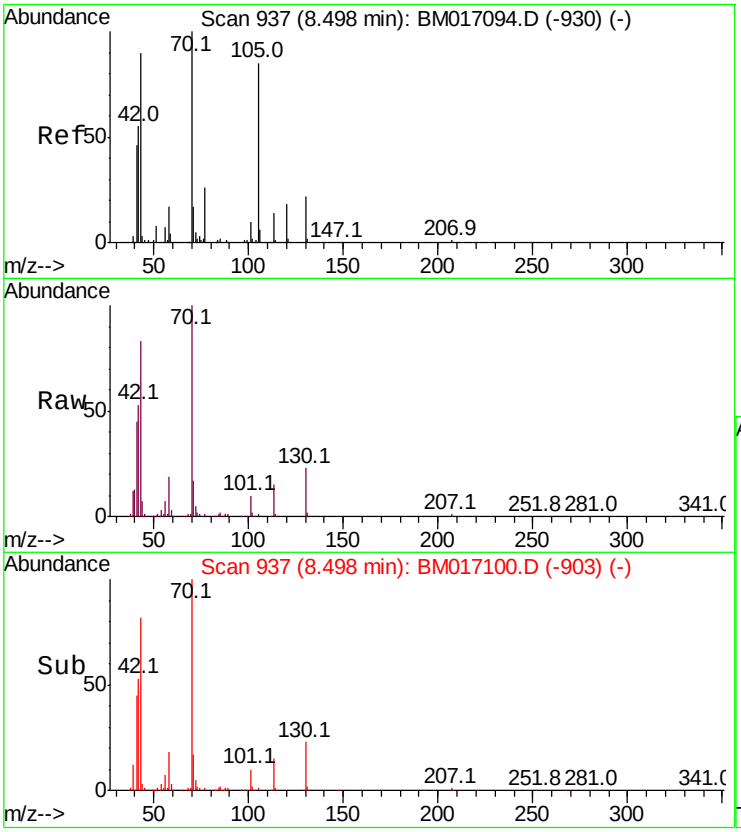


#10
2-Chlorophenol
Concen: 24.966 ng/ul
RT: 7.26 min Scan# 727
Delta R.T. -0.00 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Tgt Ion:128 Resp: 510655

Ion	Ratio	Lower	Upper
128	100		
64	43.7	37.2	55.8
130	33.3	26.1	39.1



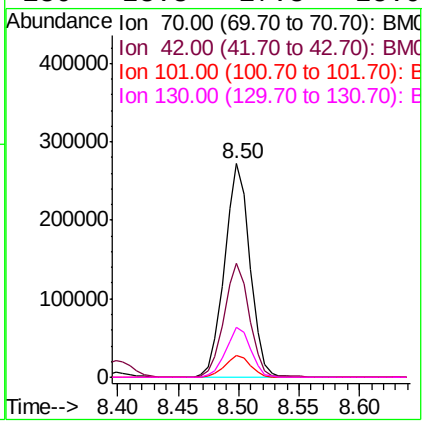


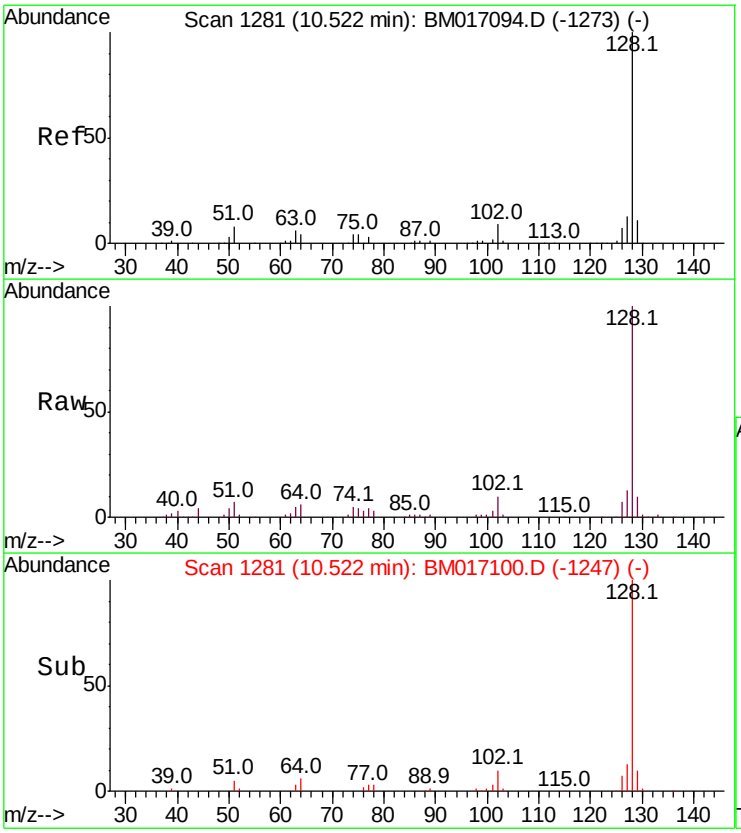
#15
N-Nitroso-di-n-propylamine
Concen: 27.761 ng/ul
RT: 8.50 min Scan# 937
Delta R.T. -0.00 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 397563

Ion	Ratio	Lower	Upper
70	100		
42	53.3	45.1	67.7
101	10.5	7.5	11.3
130	23.3	17.3	25.9

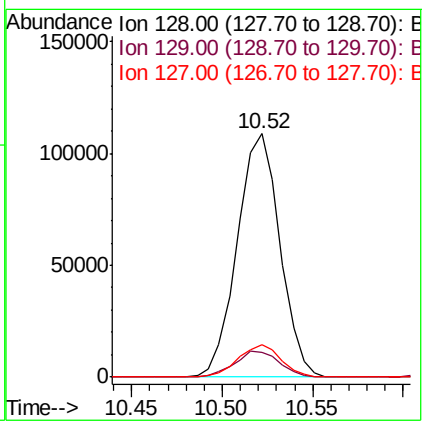


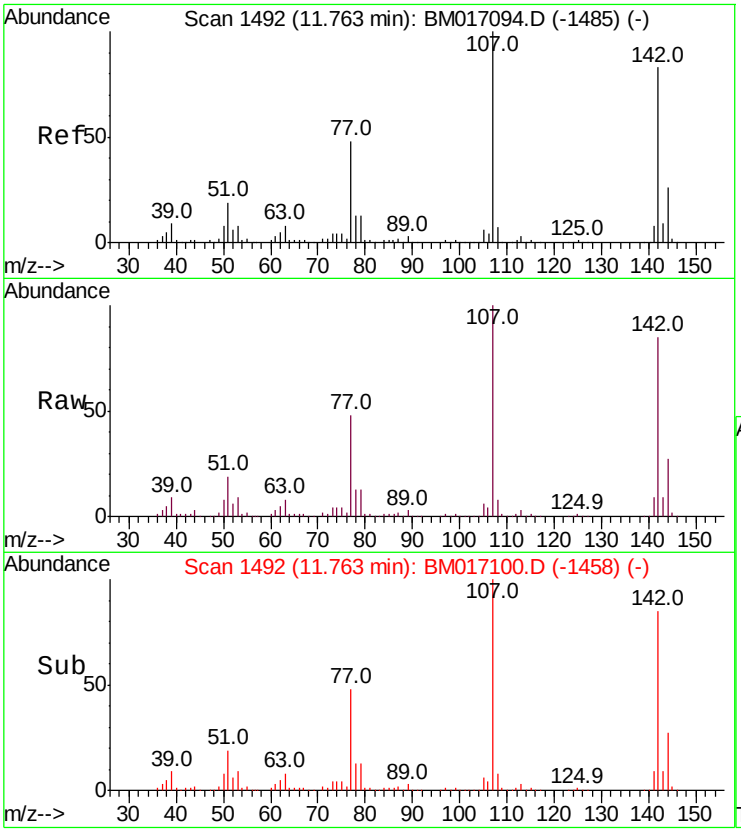


#28
Naphthalene
Concen: 2.580 ng/ul
RT: 10.52 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Tgt Ion:128 Resp: 178616

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.7	13.1
127	13.2	10.5	15.7



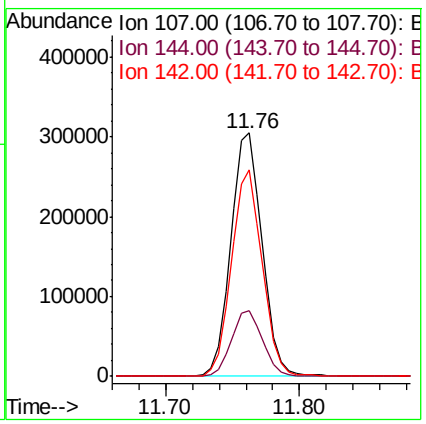


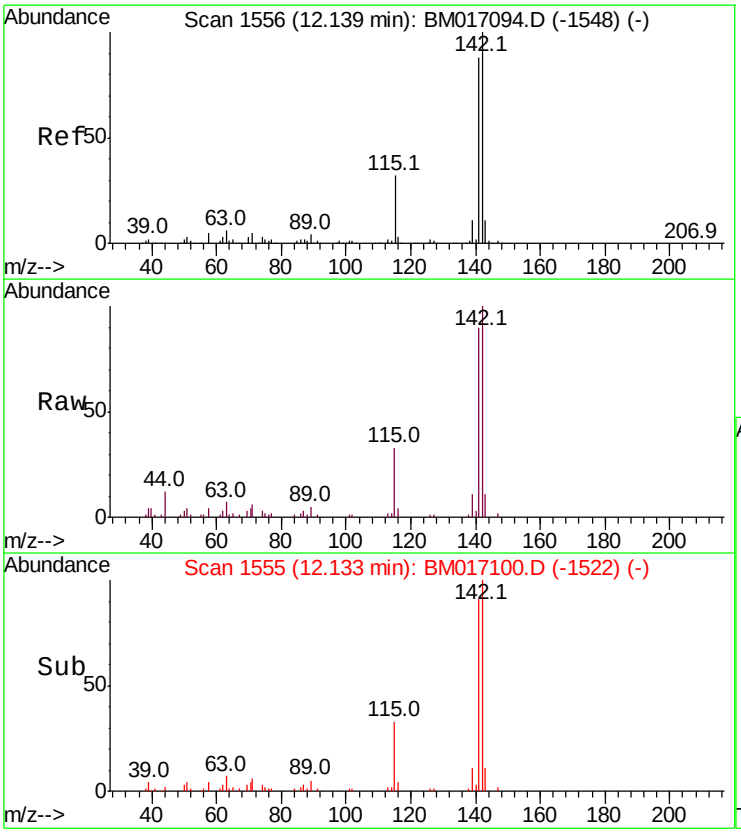
#33
4-Chloro-3-methylphenol
Concen: 24.128 ng/ul
RT: 11.76 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 496444

Ion	Ratio	Lower	Upper
107	100		
144	26.8	22.2	33.4
142	84.9	67.0	100.6

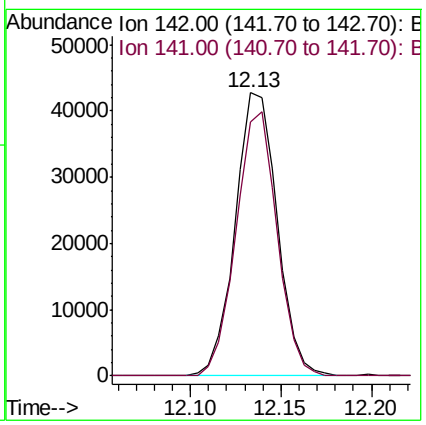


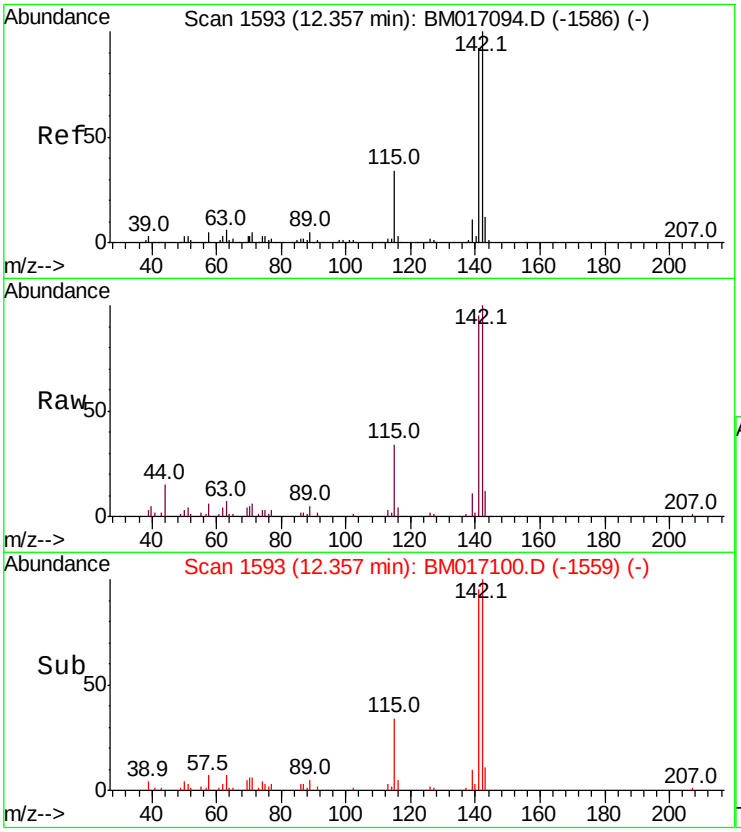


#34
2-Methylnaphthalene
Concen: 1.407 ng/ul
RT: 12.13 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Tgt Ion:142 Resp: 68797

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.5	107.3



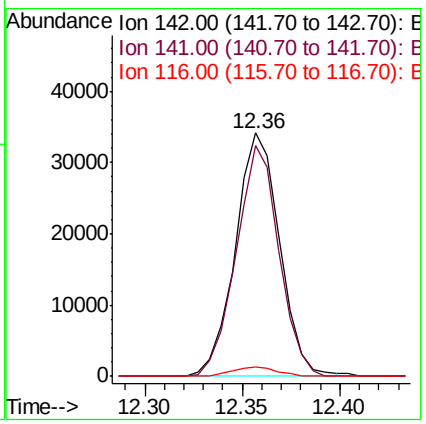


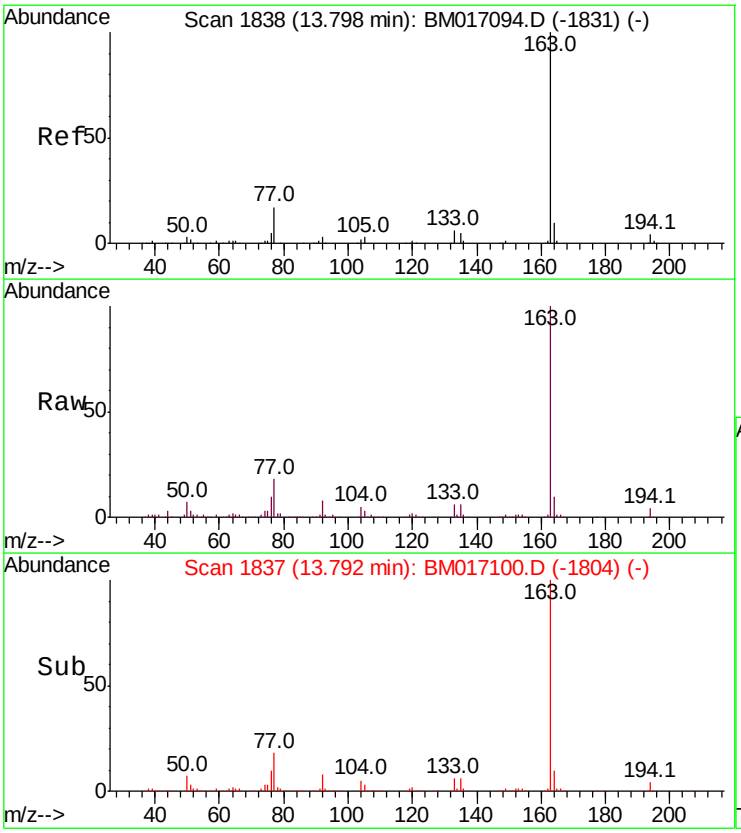
#35
1-Methylnaphthalene
Concen: 1.126 ng/ul
RT: 12.36 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 53611

Ion	Ratio	Lower	Upper
142	100		
141	95.0	74.2	111.4
116	3.8	2.6	4.0

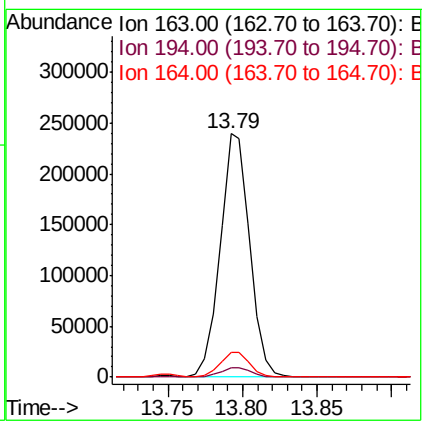


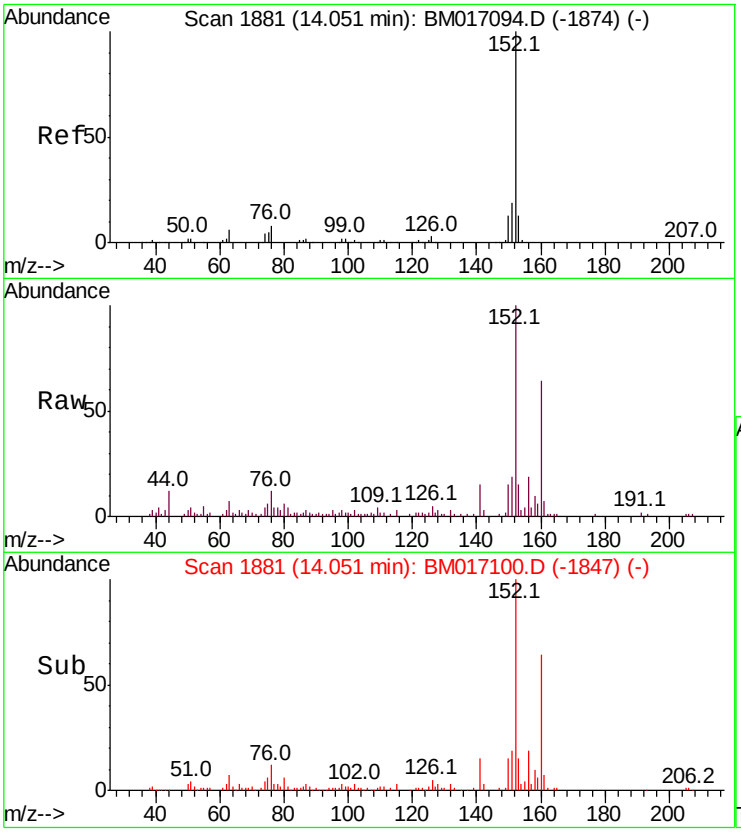


#45
Dimethylphthalate
Concen: 5.987 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Tgt Ion:163 Resp: 331721

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.0	8.0	12.0



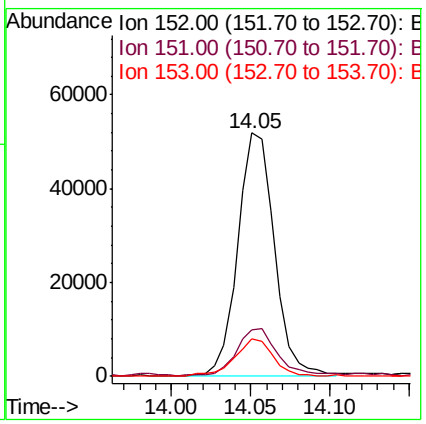


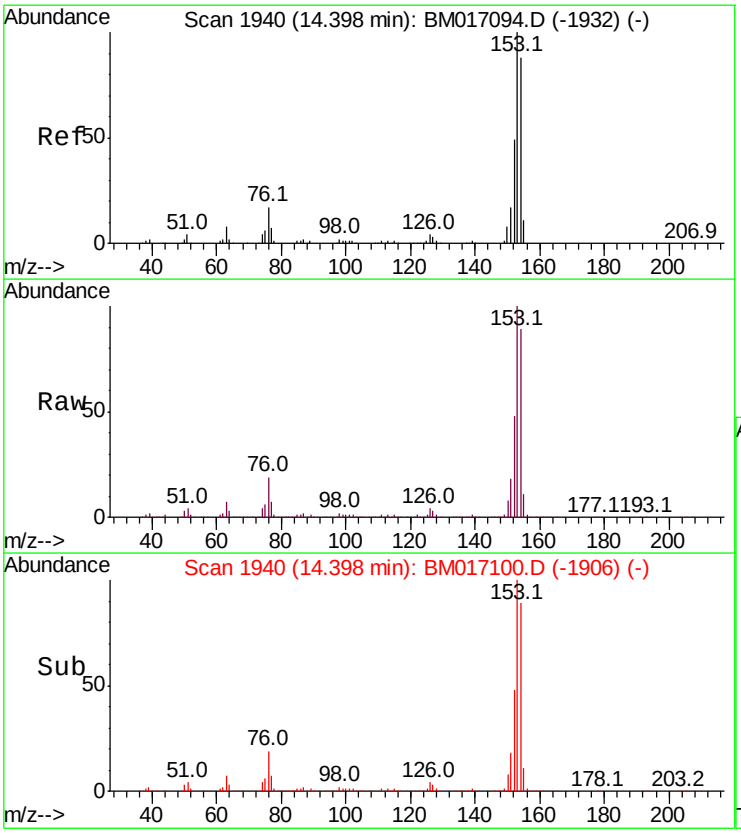
#48
Acenaphthylene
Concen: 1.222 ng/ul
RT: 14.05 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 83722

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5
153	15.2	10.2	15.4

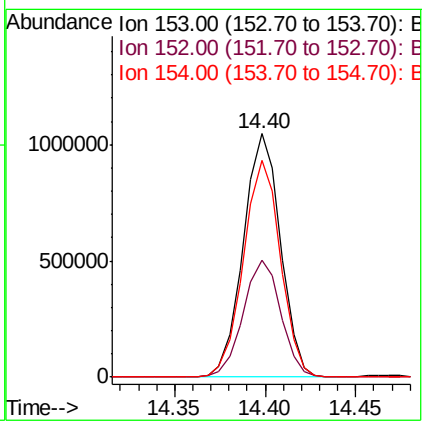


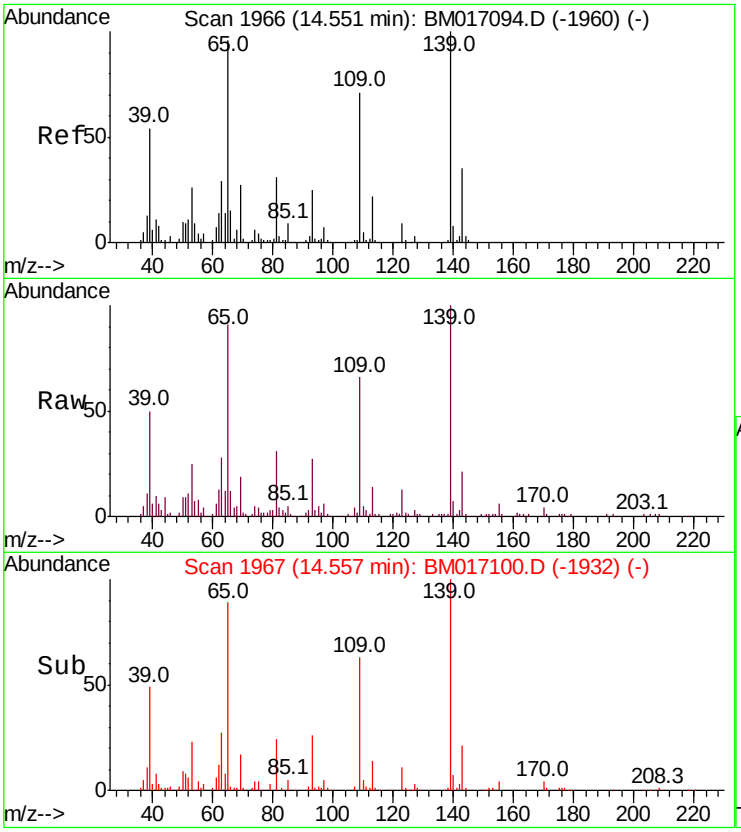


#50
Acenaphthene
Concen: 30.757 ng/ul
RT: 14.40 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Tgt Ion:153 Resp: 1497061

Ion	Ratio	Lower	Upper
153	100		
152	47.8	38.3	57.5
154	89.0	71.0	106.6



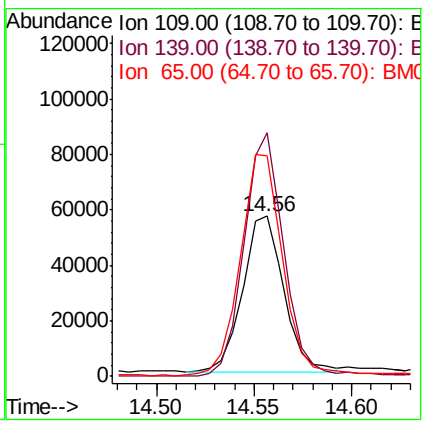


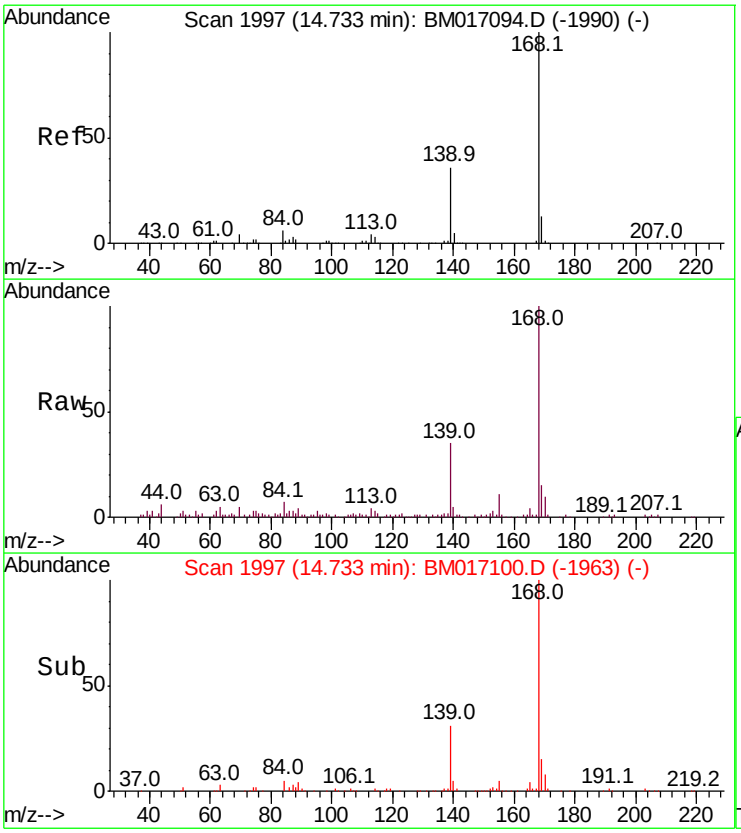
#53
4-Nitrophenol
Concen: 10.672 ng/ul
RT: 14.56 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:109 Resp: 81916

Ion	Ratio	Lower	Upper
109	100		
139	151.9	114.1	171.1
65	138.0	109.8	164.6

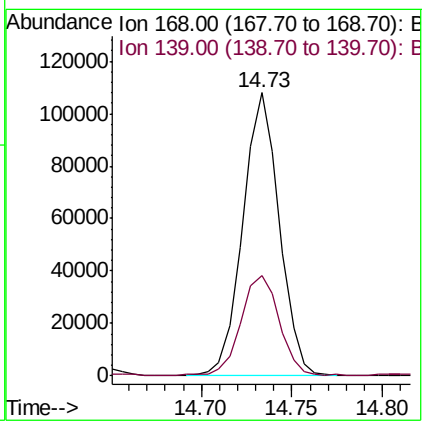


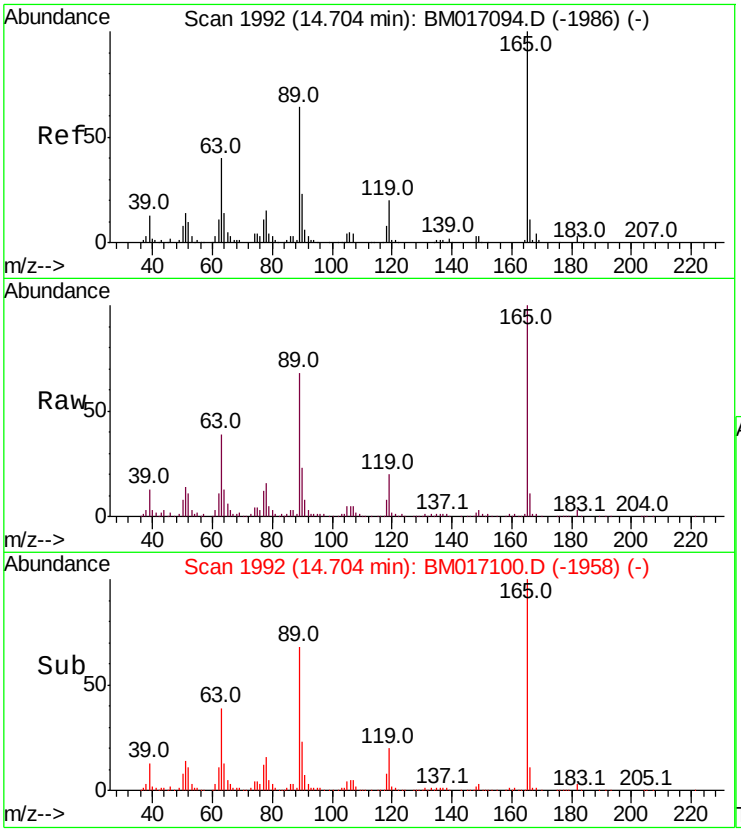


#54
Dibenzofuran
Concen: 2.196 ng/ul
RT: 14.73 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Tgt Ion:168 Resp: 150907

Ion	Ratio	Lower	Upper
168	100		
139	35.3	29.8	44.6



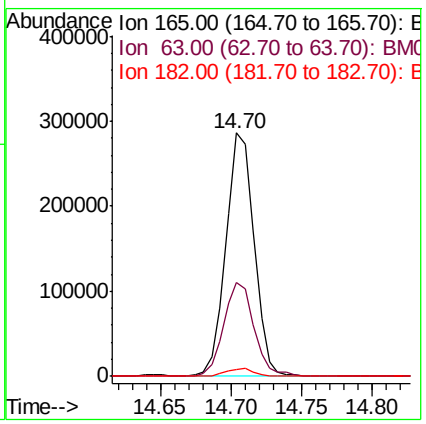


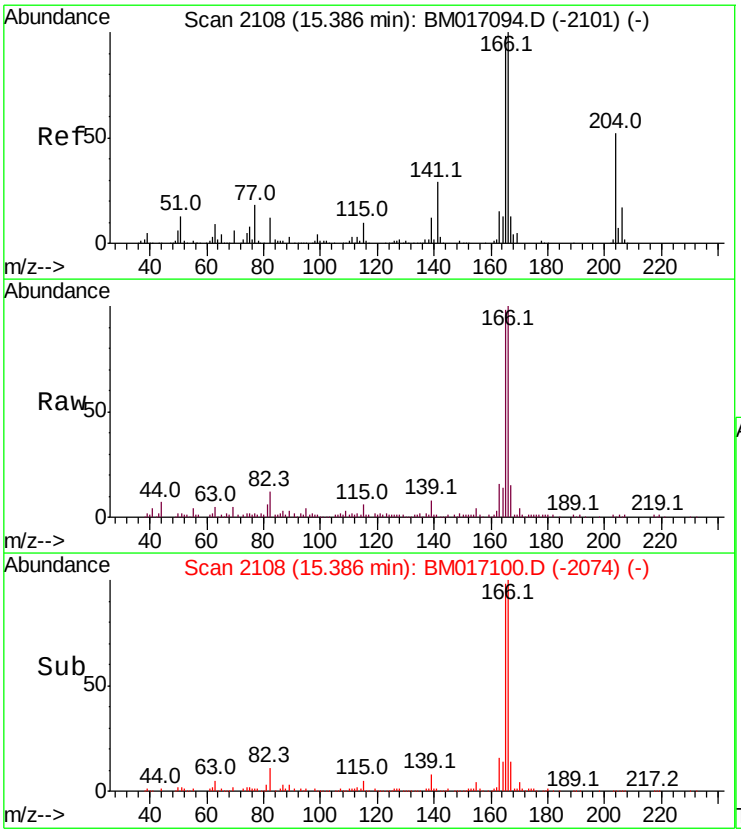
#55
2,4-Dinitrotoluene
Concen: 26.242 ng/ul
RT: 14.70 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 396048

Ion	Ratio	Lower	Upper
165	100		
63	38.8	32.6	48.8
182	3.0	2.3	3.5

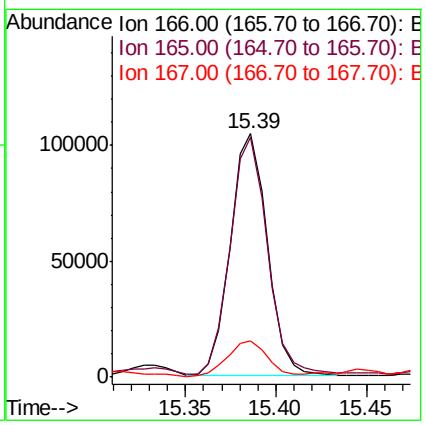


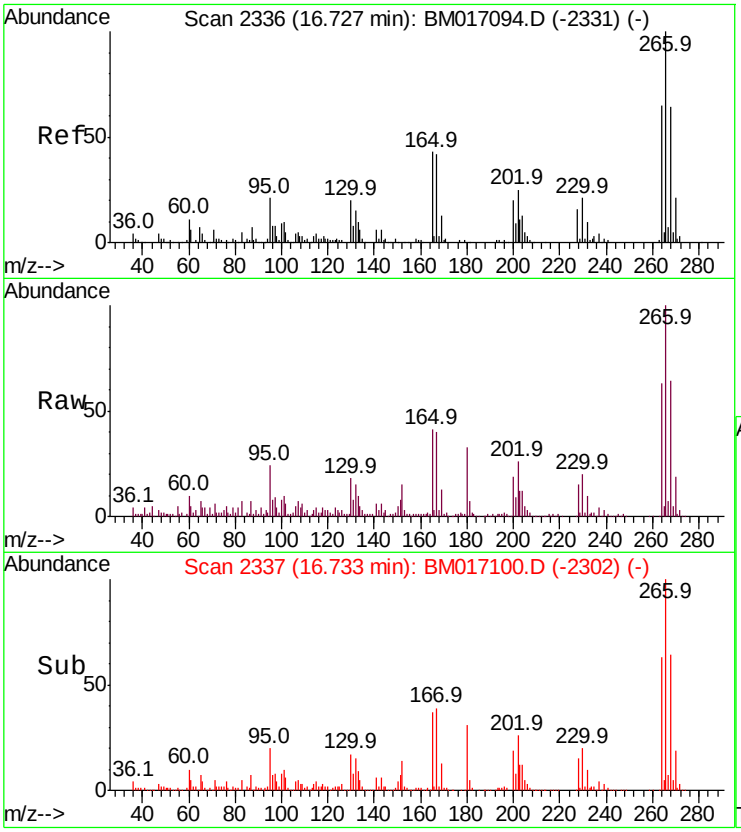


#59
Fluorene
Concen: 2.640 ng/ul
RT: 15.39 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Tgt Ion:166 Resp: 147951

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.3	115.9
167	14.9	10.7	16.1



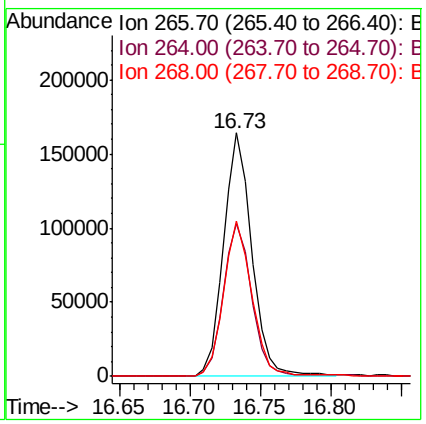


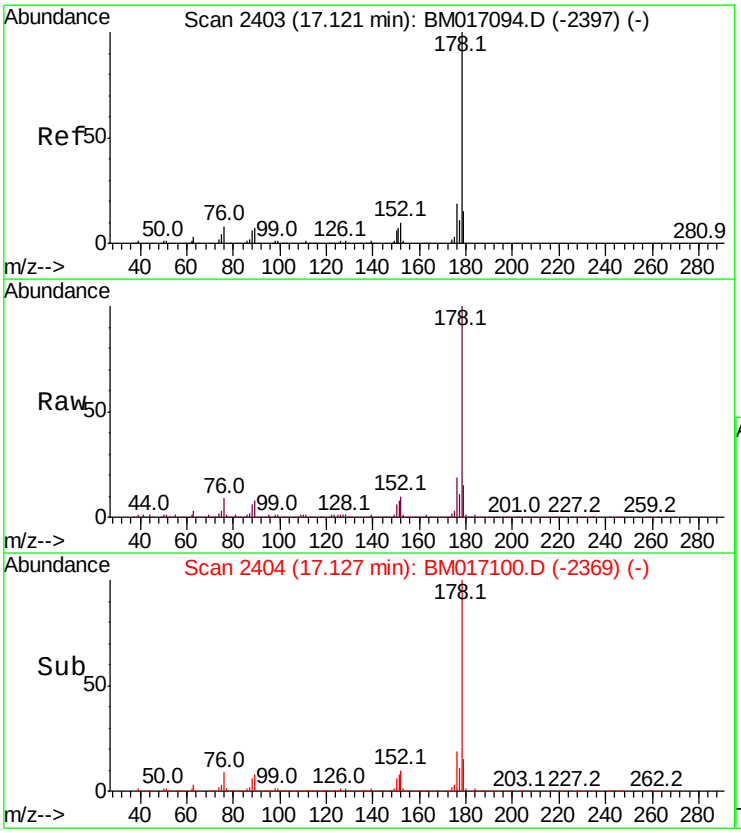
#69
Pentachlorophenol
Concen: 21.809 ng/ul
RT: 16.73 min Scan# 2337
Delta R.T. 0.01 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 229219

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.4	75.6
268	63.9	53.6	80.4

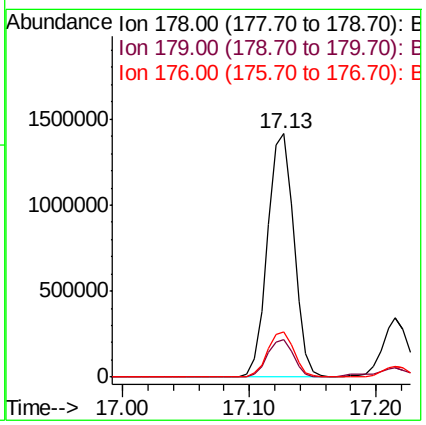


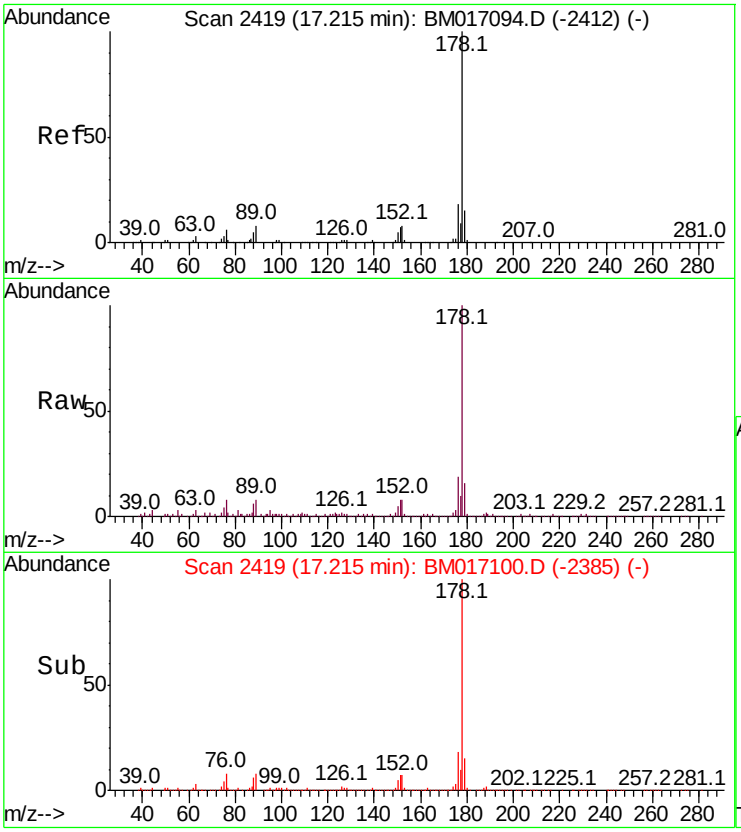


#70
Phenanthrene
Concen: 26.491 ng/ul
RT: 17.13 min Scan# 2404
Delta R.T. 0.01 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Tgt Ion:178 Resp: 2041314

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	18.8	15.0	22.4



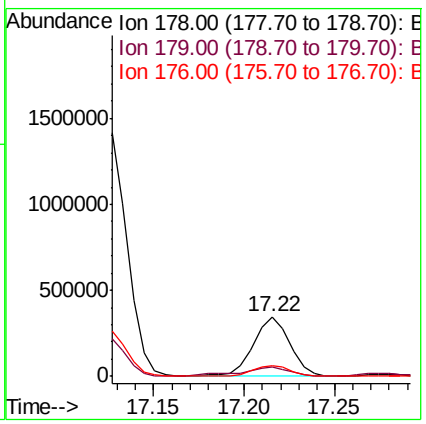


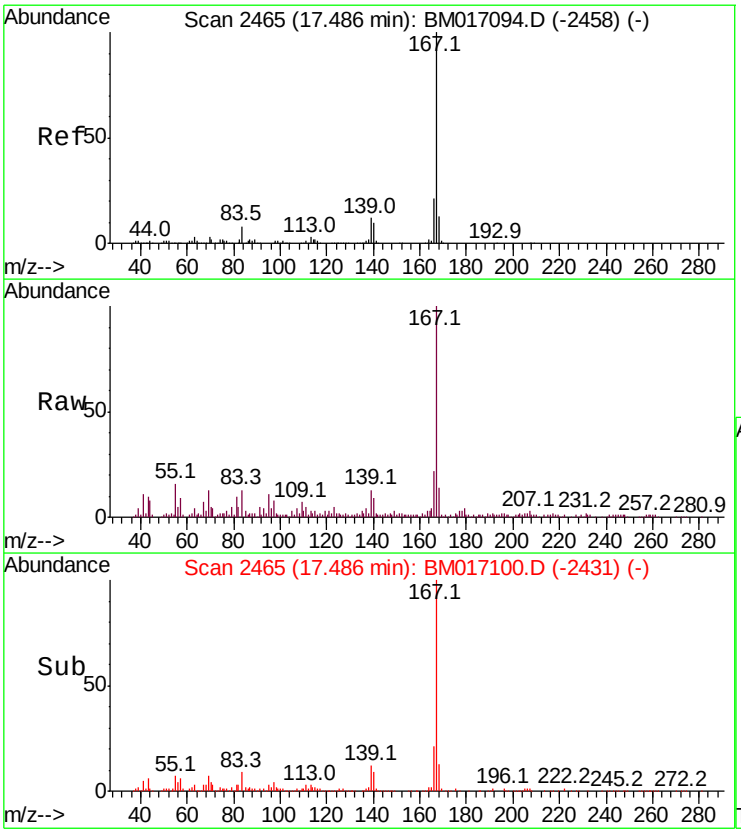
#72
Anthracene
Concen: 6.076 ng/ul
RT: 17.22 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 475760

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	18.6	14.6	22.0

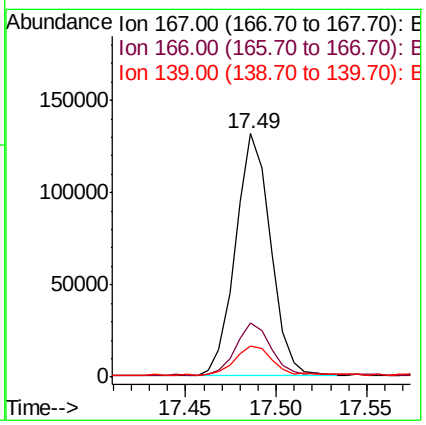


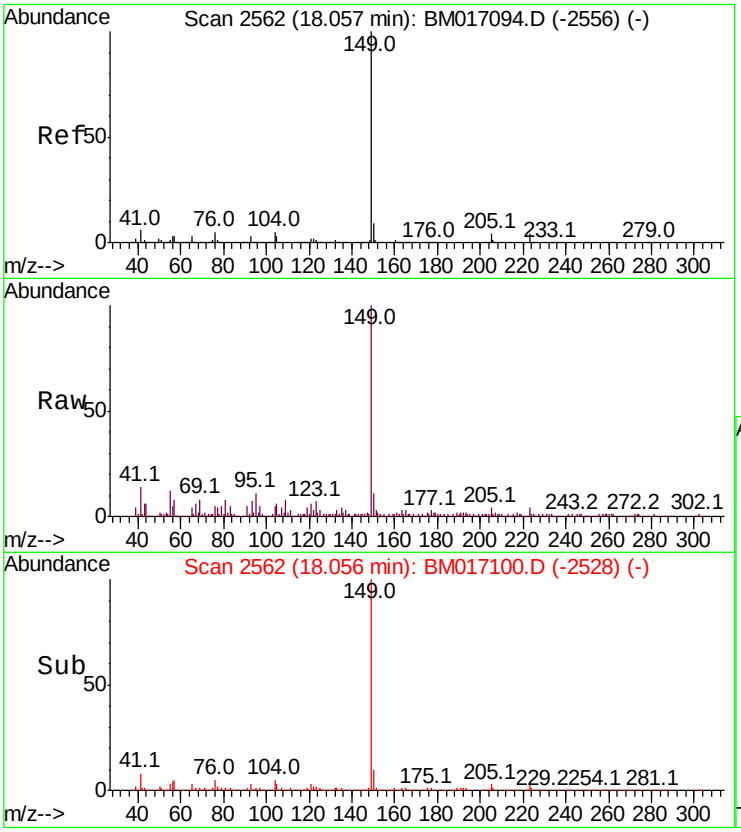


#75
Carbazole
Concen: 2.617 ng/ul
RT: 17.49 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Tgt Ion:167 Resp: 177324

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.0	25.4
139	12.8	10.0	15.0



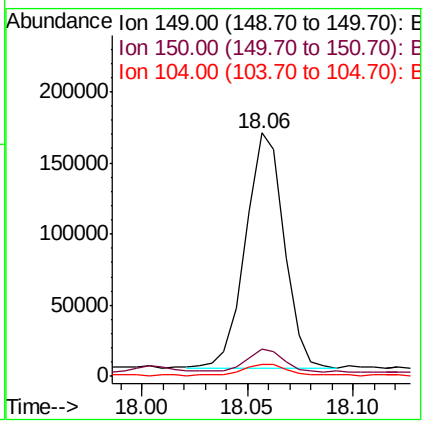


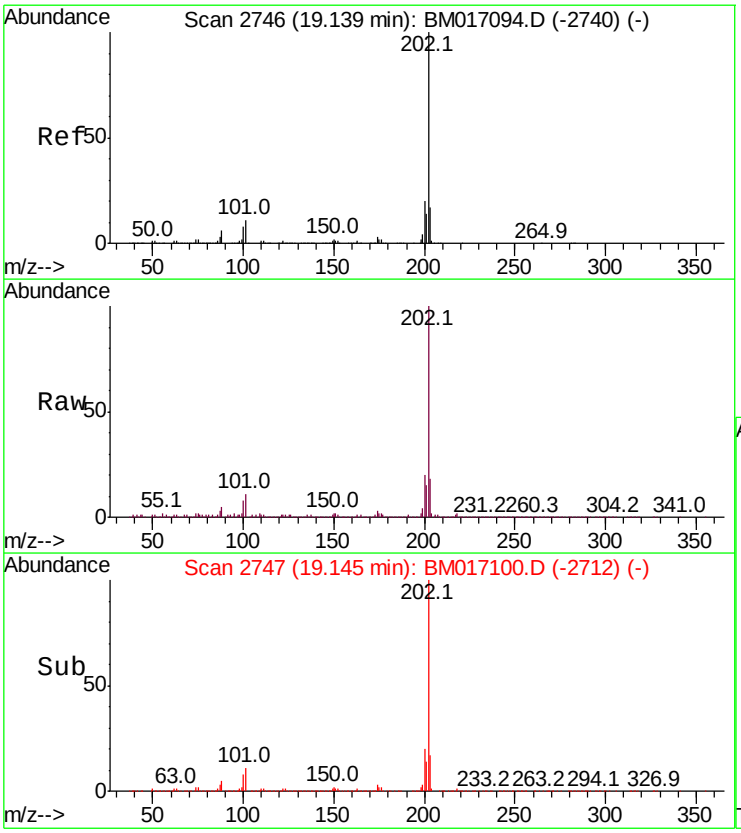
#76
Di-n-butylphthalate
Concen: 2.794 ng/ul
RT: 18.06 min Scan# 2562
Delta R.T. -0.00 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 211675

Ion	Ratio	Lower	Upper
149	100		
150	11.3	7.4	11.0#
104	5.1	3.8	5.8

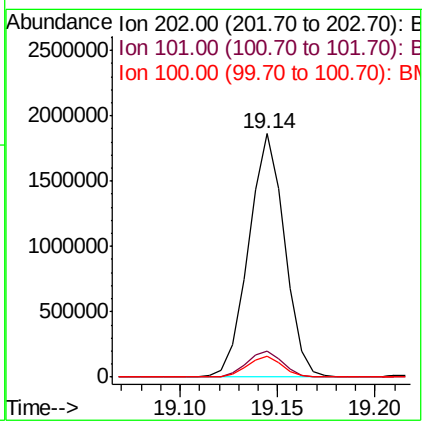


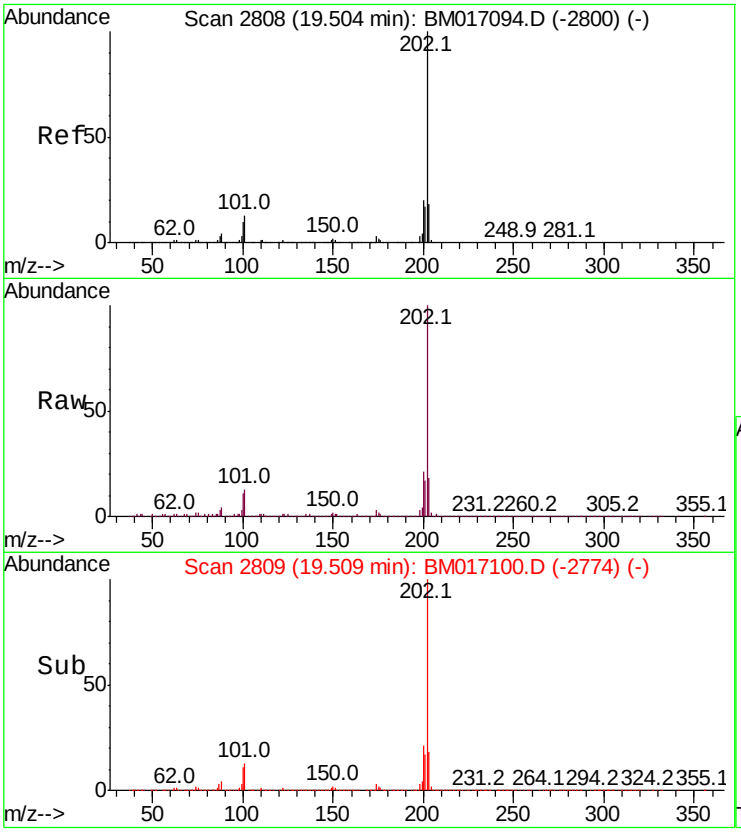


#77
Fluoranthene
Concen: 26.492 ng/ul
RT: 19.14 min Scan# 2747
Delta R.T. 0.01 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Tgt Ion:202 Resp: 2364590

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.3	12.5
100	8.4	6.6	9.8



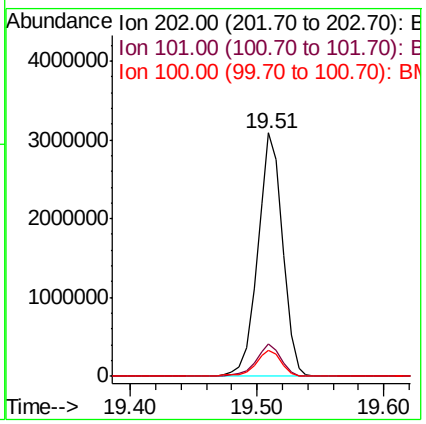


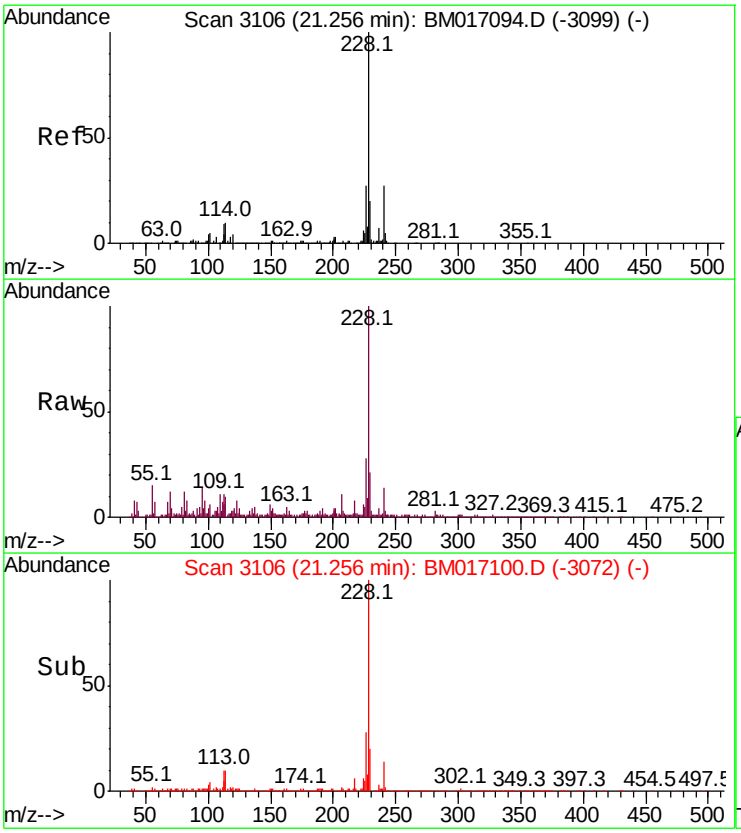
#80
Pyrene
Concen: 64.888 ng/ul
RT: 19.51 min Scan# 2809
Delta R.T. 0.01 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 4185935

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.8	16.2
100	10.8	8.9	13.3

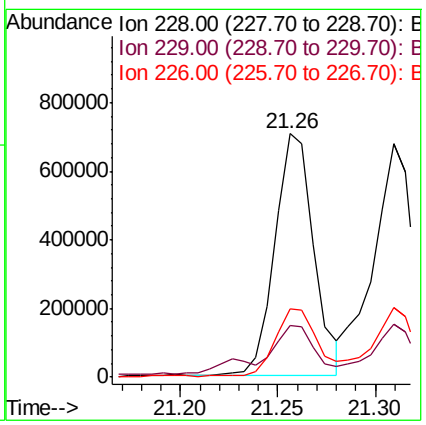


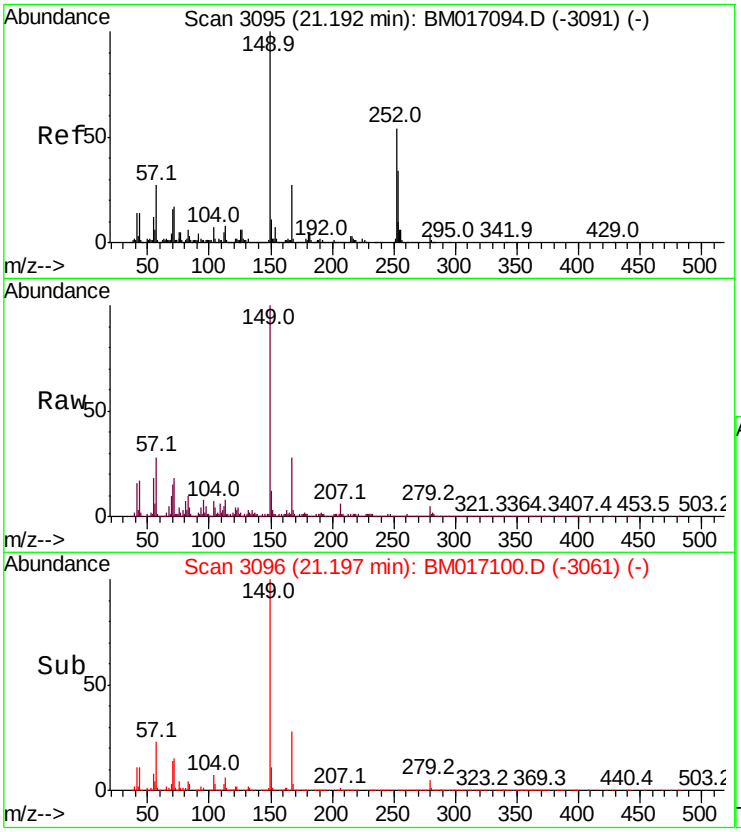


#83
Benzo(a)anthracene
Concen: 14.537 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Tgt Ion:228 Resp: 970961

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.7	23.5
226	28.2	20.9	31.3



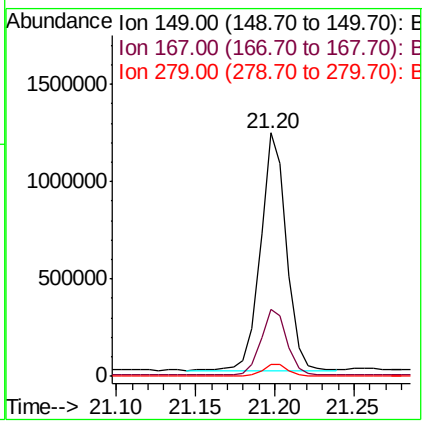


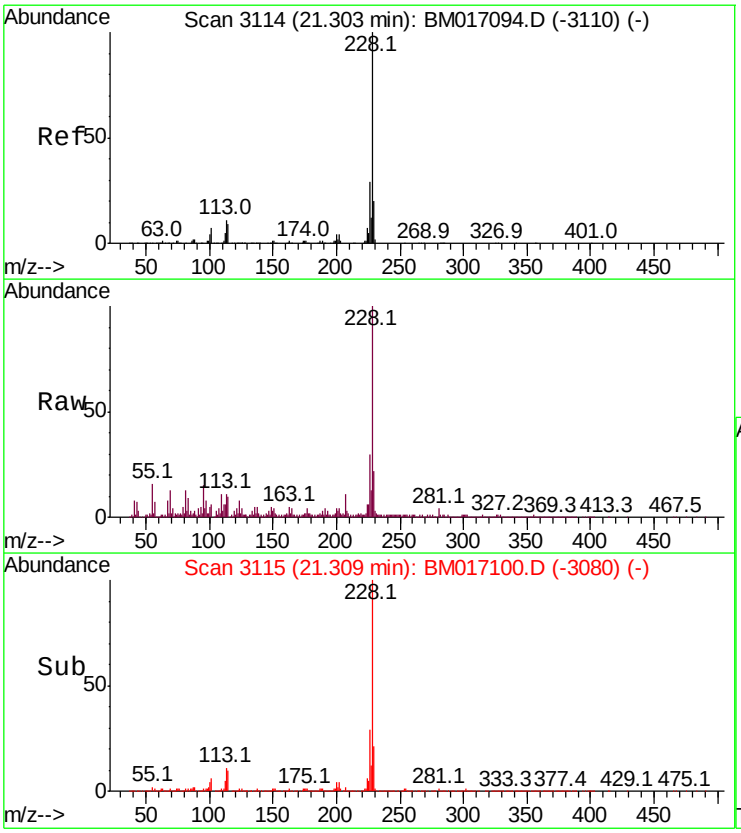
#84
Bis(2-ethylhexyl)phthalate
Concen: 40.244 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 1388337

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.5	33.7
279	4.7	3.7	5.5

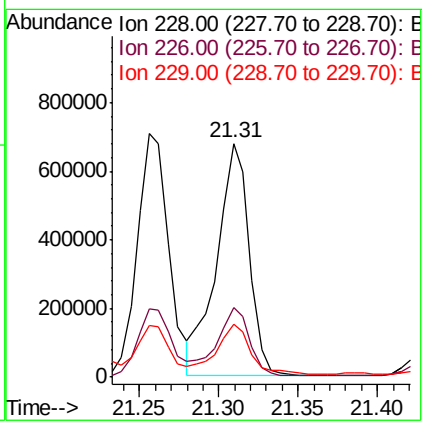


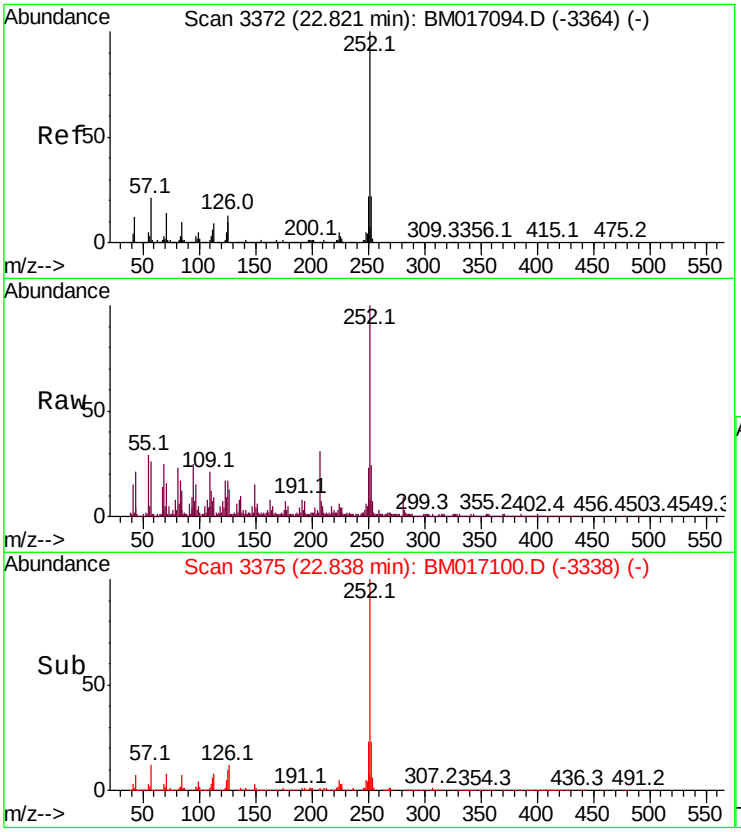


#85
Chrysene
Concen: 15.012 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. 0.01 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Tgt Ion:228 Resp: 969717

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	22.5	15.6	23.4



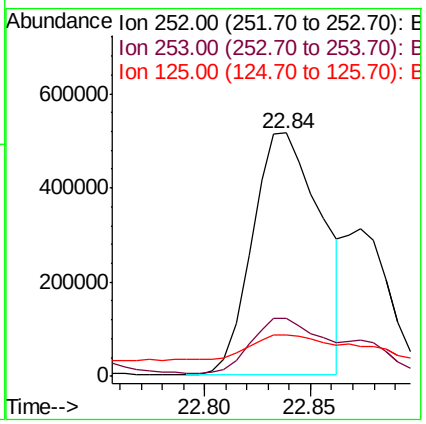


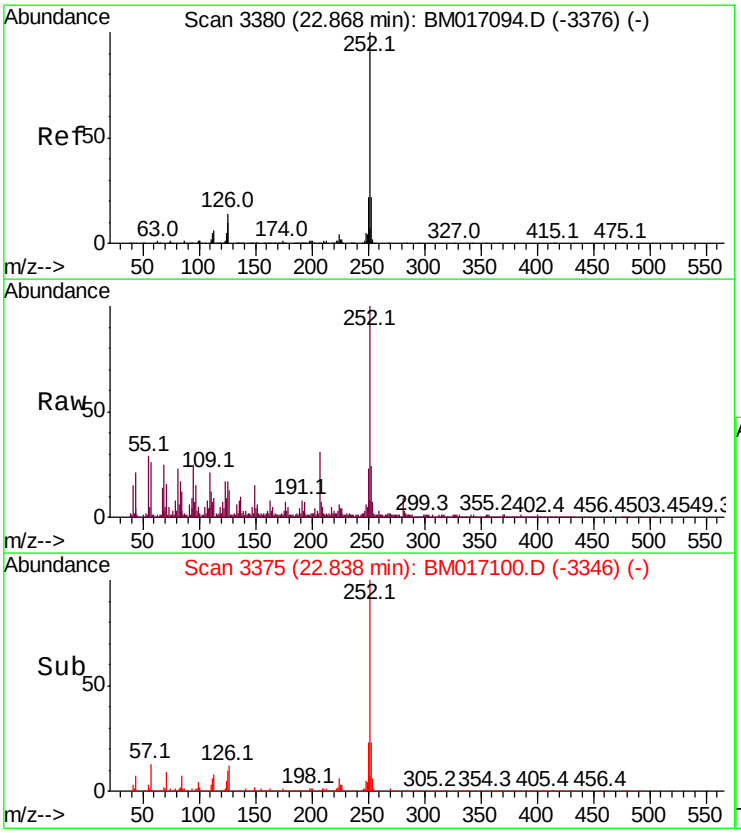
#88
Benzo(b)fluoranthene
Concen: 16.183 ng/ul
RT: 22.84 min Scan# 3375
Delta R.T. 0.02 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1163580

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.3	25.9
125	16.9	8.2	12.4#

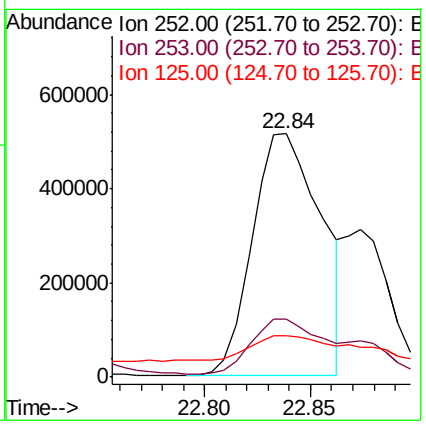


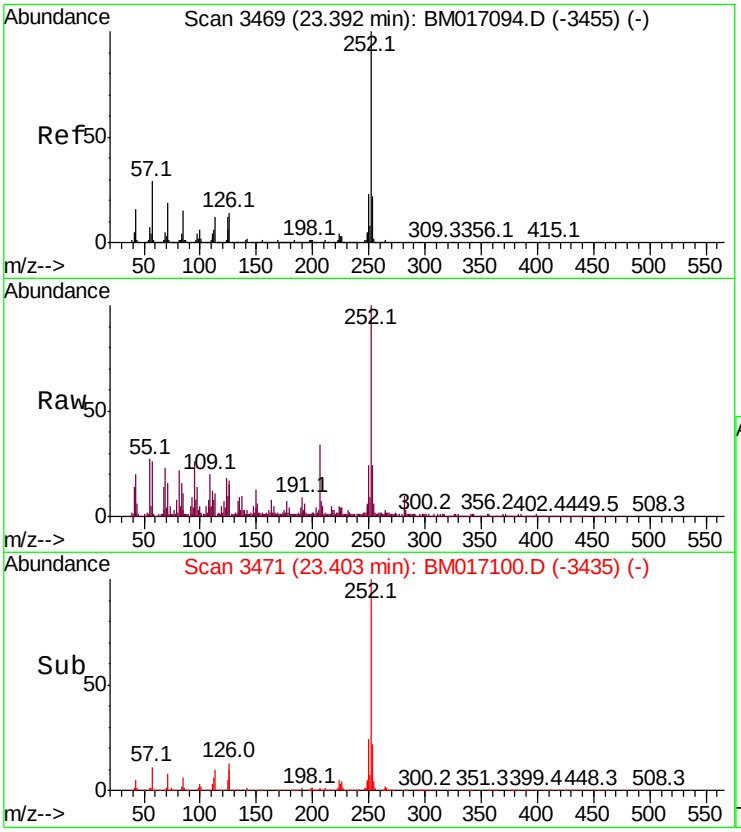


#89
Benzo(k)fluoranthene
Concen: 16.845 ng/ul
RT: 22.84 min Scan# 3375
Delta R.T. -0.03 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Tgt Ion:252 Resp: 1163580

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	16.9	8.2	12.4#



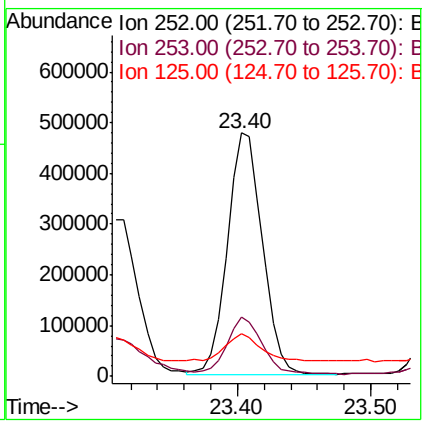


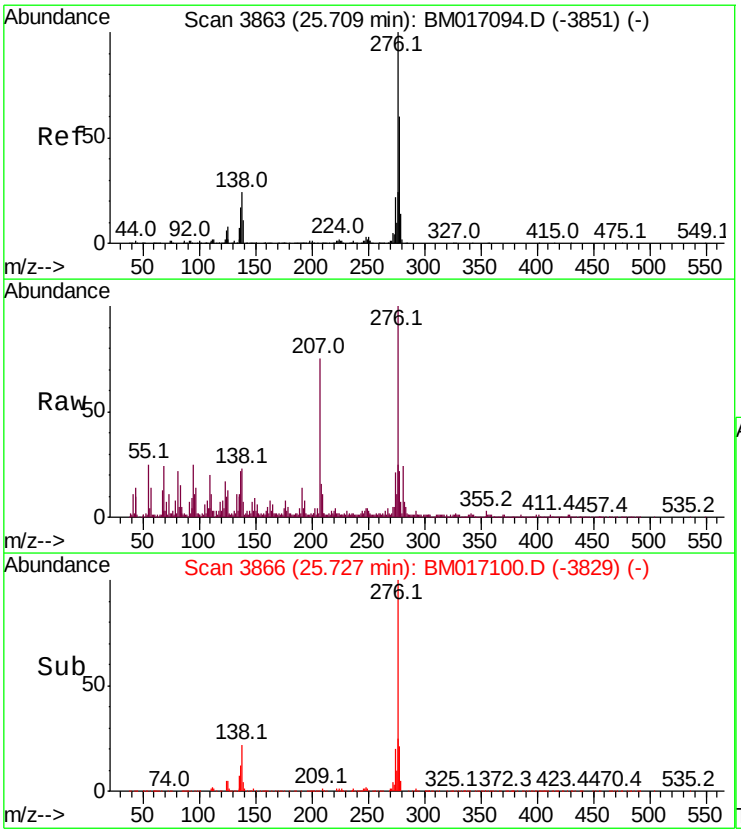
#91
Benzo(a)pyrene
Concen: 12.462 ng/ul
RT: 23.40 min Scan# 3471
Delta R.T. 0.01 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 863512

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.0	25.4
125	17.3	9.0	13.6#

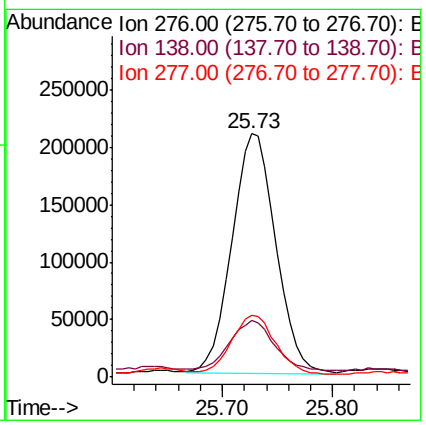


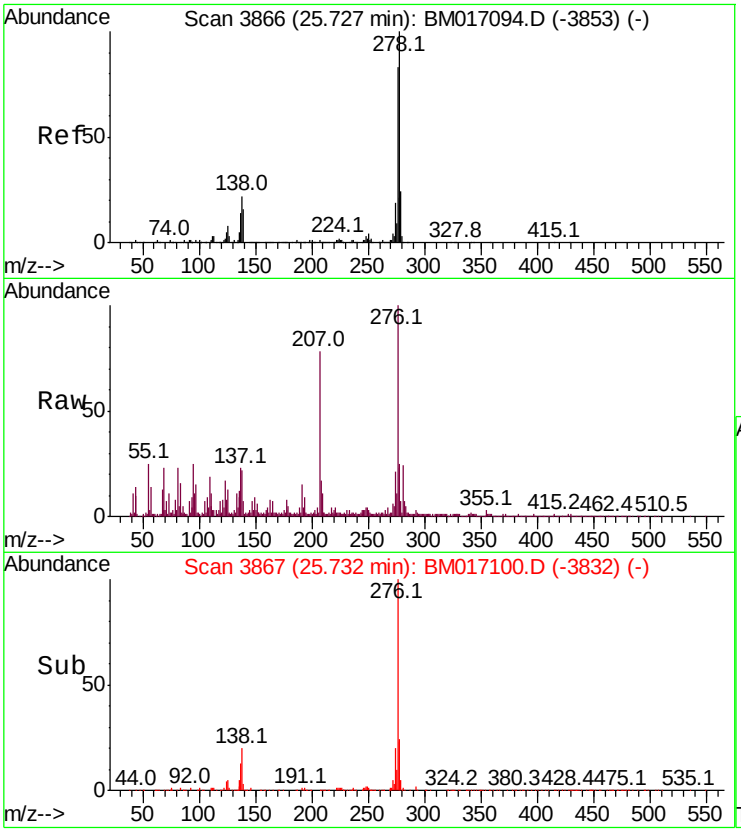


#92
Indeno(1,2,3-cd)pyrene
Concen: 7.119 ng/ul
RT: 25.73 min Scan# 3866
Delta R.T. 0.02 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Tgt Ion:276 Resp: 582400

Ion	Ratio	Lower	Upper
276	100		
138	23.4	20.3	30.5
277	25.3	20.2	30.2



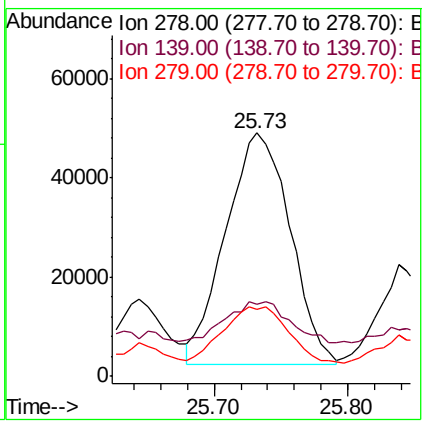


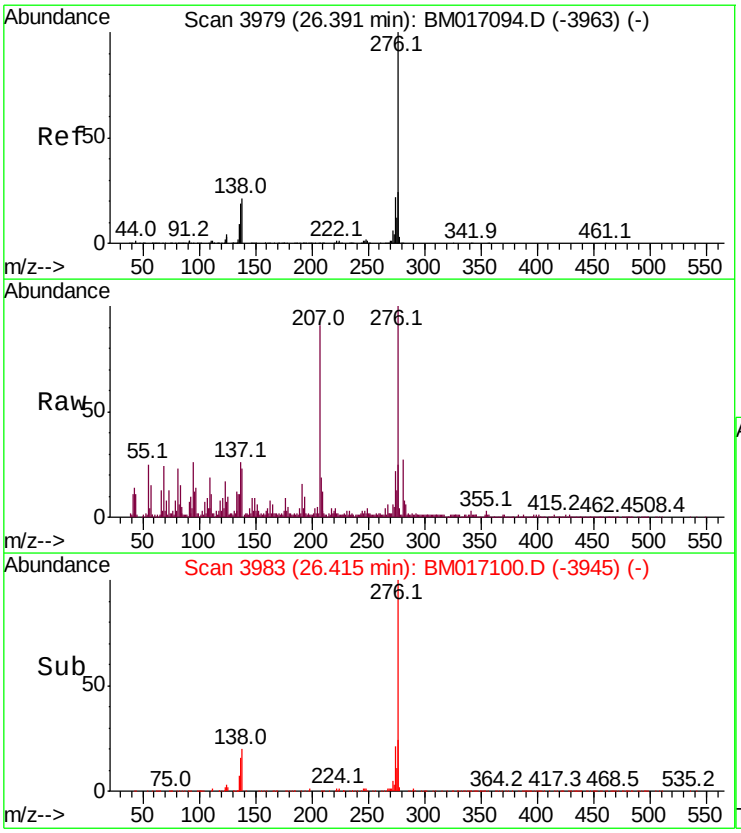
#93
Dibenzo(a,h)anthracene
Concen: 2.300 ng/ul
RT: 25.73 min Scan# 3867
Delta R.T. 0.01 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 156662

Ion	Ratio	Lower	Upper
278	100		
139	29.4	13.2	19.8#
279	27.8	18.4	27.6#





#94
Benzo(g,h,i)perylene
Concen: 8.056 ng/ul
RT: 26.41 min Scan# 3983
Delta R.T. 0.02 min
Lab File: BM017100.D
Acq: 10 Oct 2018 16:20

Tgt Ion:276 Resp: 548821

Ion	Ratio	Lower	Upper
276	100		
138	22.6	17.5	26.3
277	25.4	18.5	27.7