Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017099.D
Acq On : 10 Oct 2018 15:44
Operator : MJ/SJ
Sample : J5295-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 11 04:15:12 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	286194	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1241631	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	584076	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1104001	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1089061	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	1192564	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	19222	3.34	ng/uL	0.00
5) Phenol-d5	6.87	99	509666	21.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	404359	27.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	529963	26.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	381151	20.33	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	285100	31.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	285015	30.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	494084	26.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	351070	15.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1453457	31.36	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	1941846	32.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	61659	7.04	ng/ul	0.00
58) Fluorene-d10	15.33	176	1251473	30.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	89675	13.77	ng/ul	0.00
71) Anthracene-d10	17.18	188	1675309	31.77	ng/ul	0.00
79) Pyrene-d10	19.48	212	1722443	35.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	2009018	32.91	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.90	94	571153	23.863	ng/ul	97
10) 2-Chlorophenol	7.26	128	495839	25.036	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.50	70	368613	26.583	ng/ul	97
28) Naphthalene	10.52	128	167819	2.631	ng/ul	99
33) 4-Chloro-3-methylphenol	11.76	107	419344	22.117	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	59546	1.322	ng/ul	98
35) 1-Methylnaphthalene	12.36	142	45863	1.046	ng/ul#	99
45) Dimethylphthalate	13.79	163	270880	5.903	ng/ul	99
48) Acenaphthylene	14.05	152	72049	1.270	ng/ul#	96
50) Acenaphthene	14.40	153	1241123	30.787	ng/ul	100
53) 4-Nitrophenol	14.55	109	60247	9.477	ng/ul	99
54) Dibenzofuran	14.73	168	123992	2.178	ng/ul	96
55) 2,4-Dinitrotoluene	14.70	165	300052	24.004	ng/ul	99
59) Fluorene	15.38	166	120886	2.605	ng/ul	98
69) Pentachlorophenol	16.73	266	176522	20.907	ng/ul	98
70) Phenanthrene	17.12	178	1648559	26.632	ng/ul	100
72) Anthracene	17.22	178	389150	6.187	ng/ul	100
75) Carbazole	17.49	167	146038	2.683	ng/ul	98
76) Di-n-butylphthalate	18.06	149	165273	2.716	ng/ul	98
77) Fluoranthene	19.14	202	2094270	29.207	ng/ul	99
80) Pyrene	19.51	202	3770558	59.754	ng/ul	98
83) Benzo(a)anthracene	21.26	228	963536	14.748	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.20	149	1343551	39.815	ng/ul	99

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 11 04:15:12 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	950184	15.038	ng/ul	97
88) Benzo(b)fluoranthene	22.84	252	1260925	17.756	ng/ul#	91
89) Benzo(k)fluoranthene	22.84	252	1260925	18.483	ng/ul#	92
91) Benzo(a)pyrene	23.40	252	866132	12.656	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	25.73	276	580324	7.183	ng/ul	97
93) Dibenzo(a,h)anthracene	25.73	278	155015	2.305	ng/ul#	82
94) Benzo(g,h,i)perylene	26.41	276	554061	8.235	ng/ul	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017099.D
Acq On : 10 Oct 2018 15:44
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

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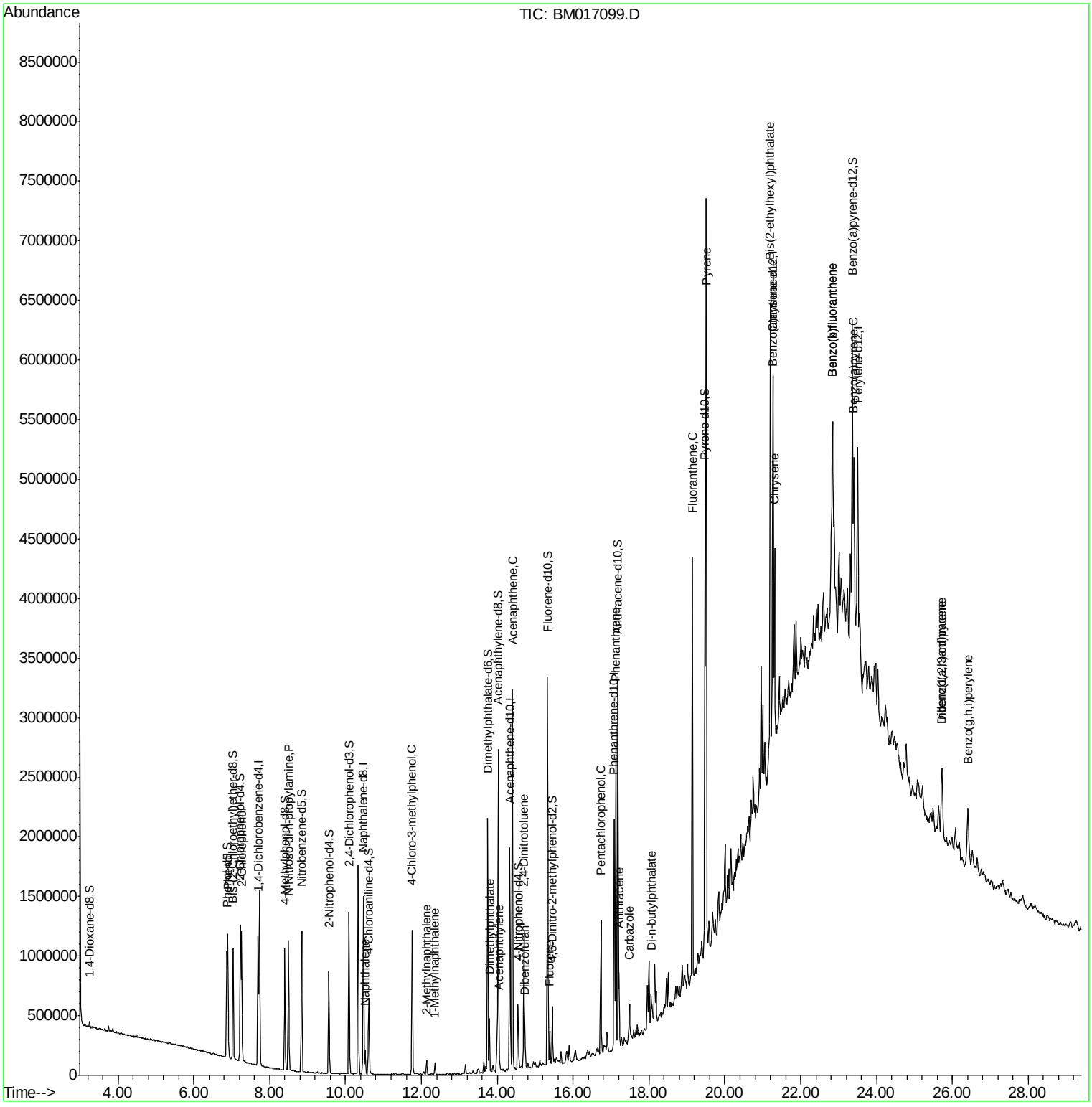
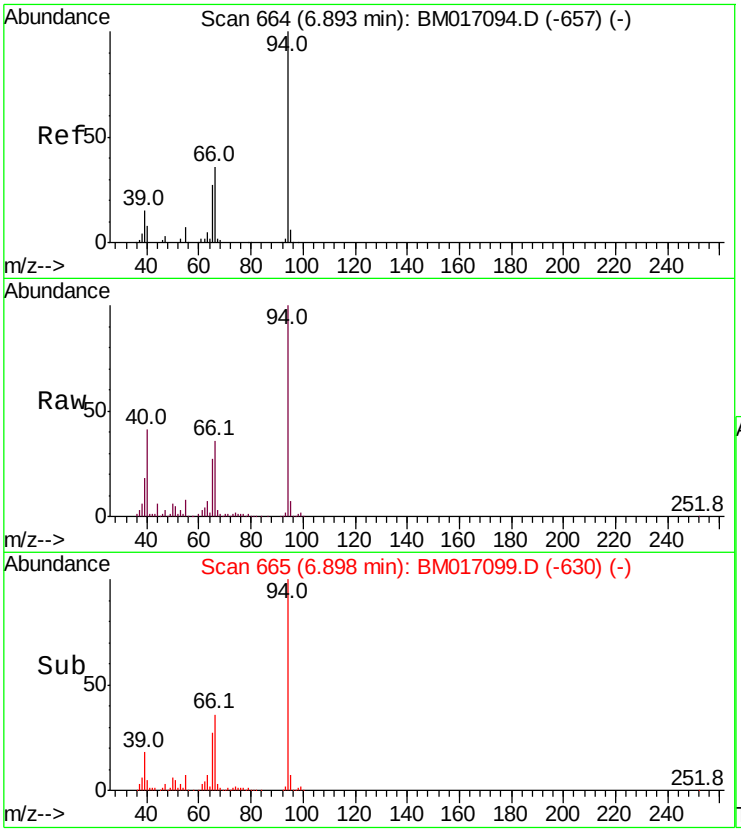
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 11 04:10:28 2018
Response via : Initial Calibration



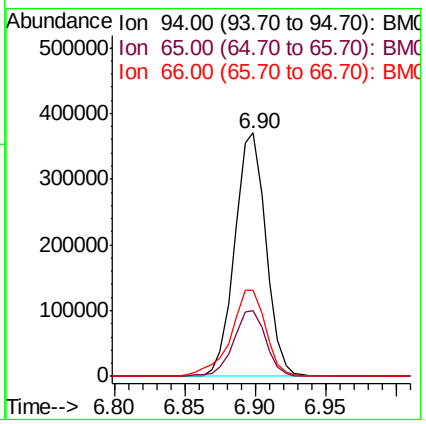


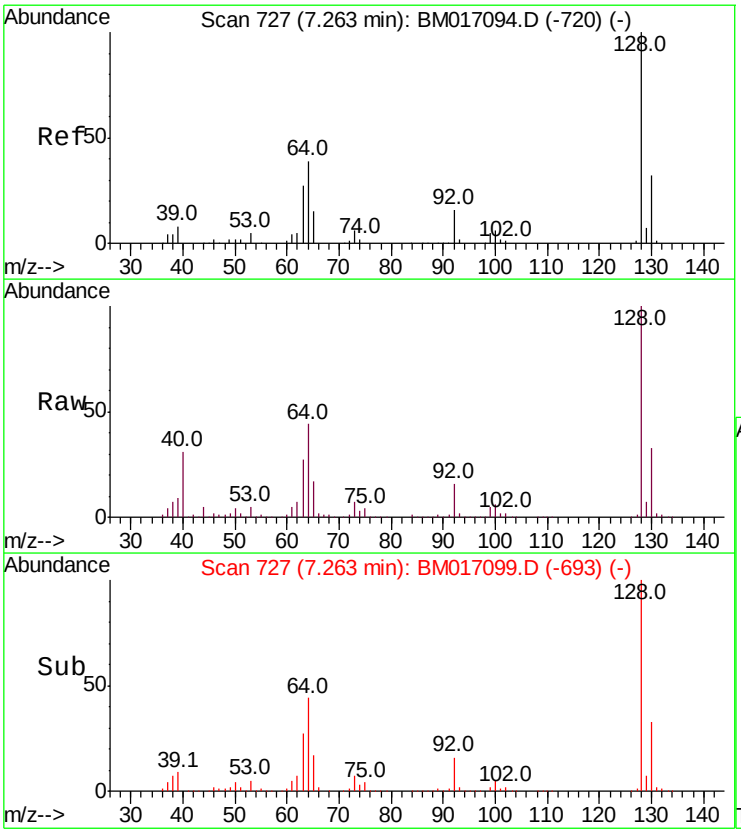
#6
Phenol
Concen: 23.863 ng/ul
RT: 6.90 min Scan# 665
Delta R.T. 0.01 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 571153

Ion	Ratio	Lower	Upper
94	100		
65	26.8	22.8	34.2
66	35.5	29.5	44.3

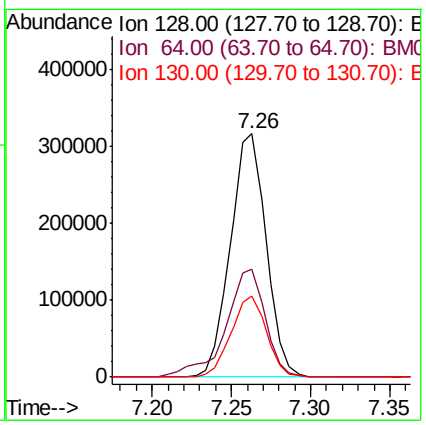


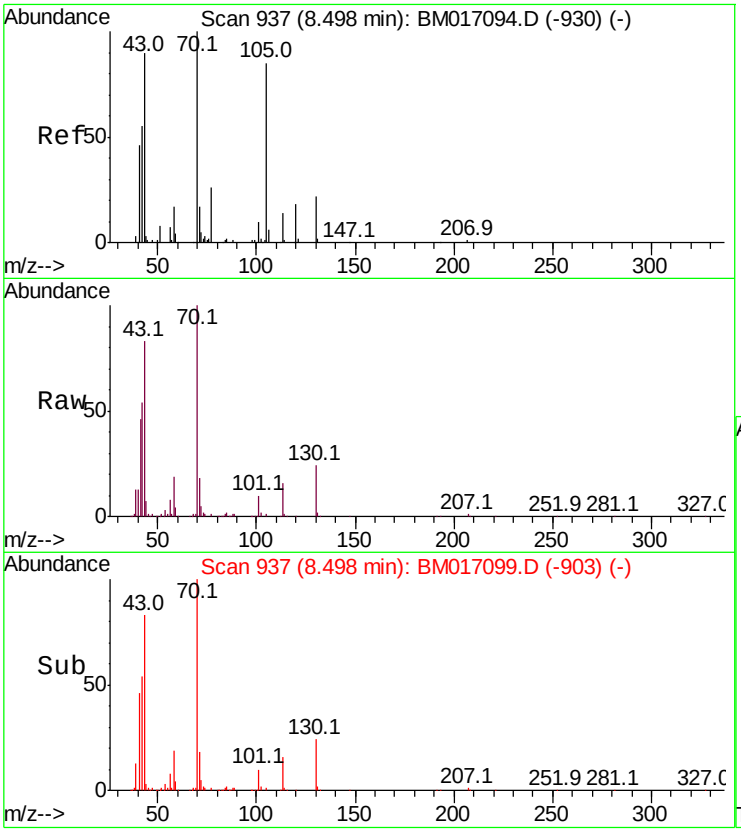


#10
2-Chlorophenol
Concen: 25.036 ng/ul
RT: 7.26 min Scan# 727
Delta R.T. -0.00 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Tgt Ion:128 Resp: 495839

Ion	Ratio	Lower	Upper
128	100		
64	44.1	37.2	55.8
130	33.2	26.1	39.1



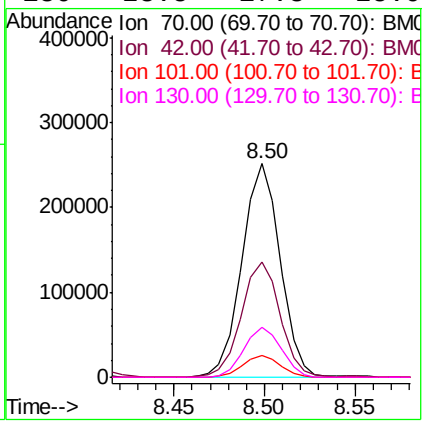


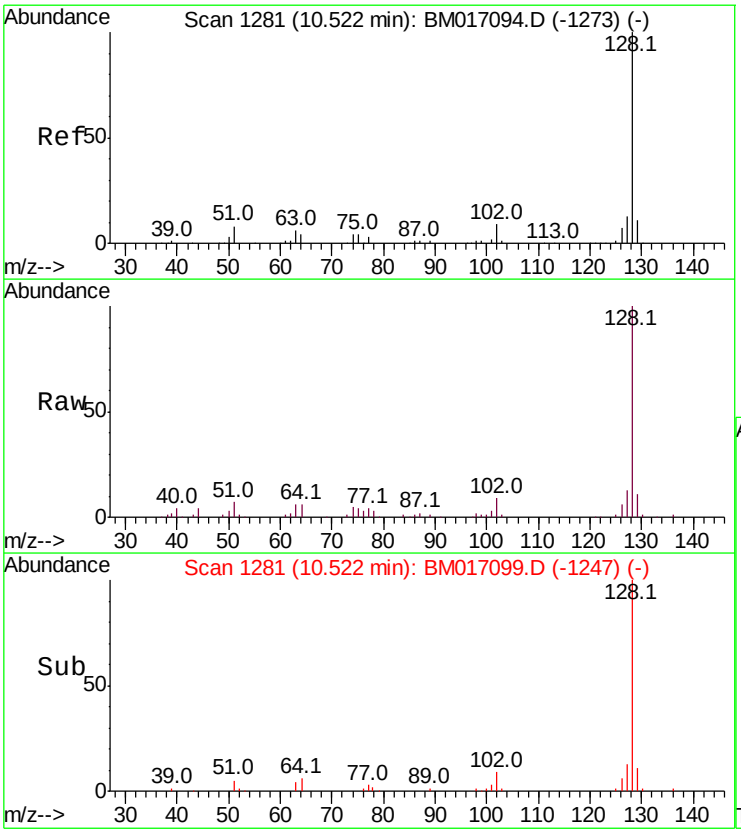
#15
N-Nitroso-di-n-propylamine
Concen: 26.583 ng/ul
RT: 8.50 min Scan# 937
Delta R.T. -0.00 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 368613

Ion	Ratio	Lower	Upper
70	100		
42	54.1	45.1	67.7
101	10.3	7.5	11.3
130	23.5	17.3	25.9

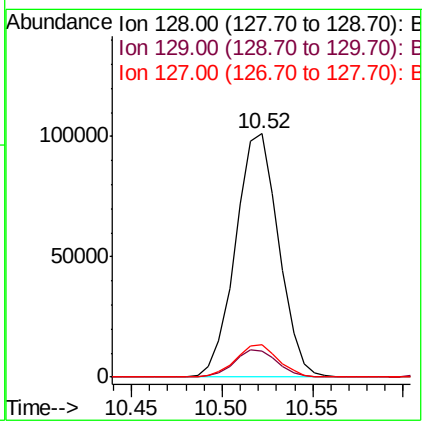


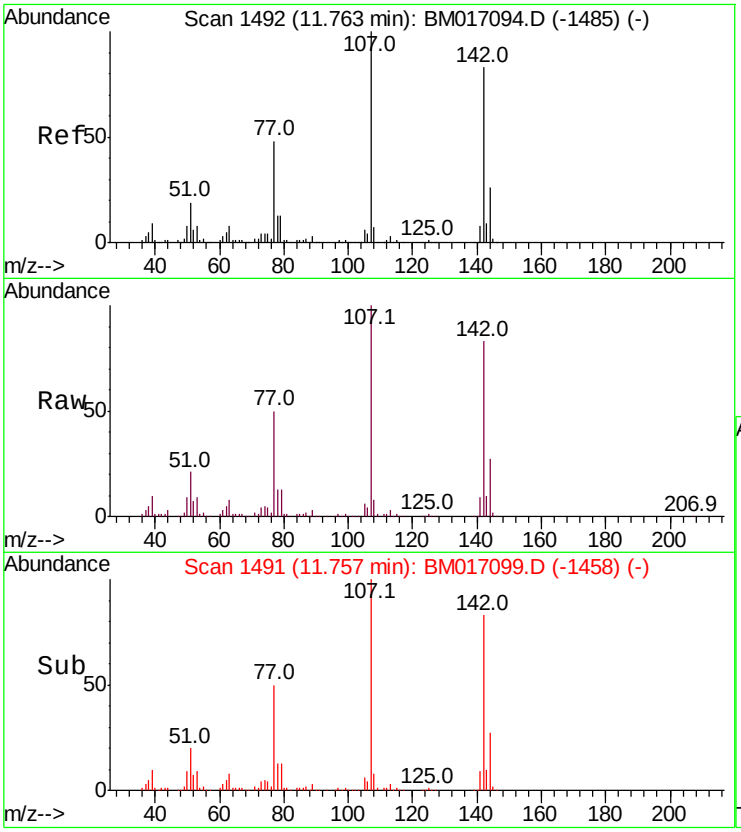


#28
Naphthalene
Concen: 2.631 ng/ul
RT: 10.52 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Tgt Ion:128 Resp: 167819

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	13.5	10.5	15.7



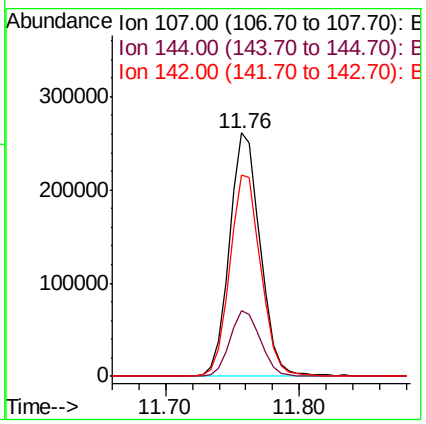


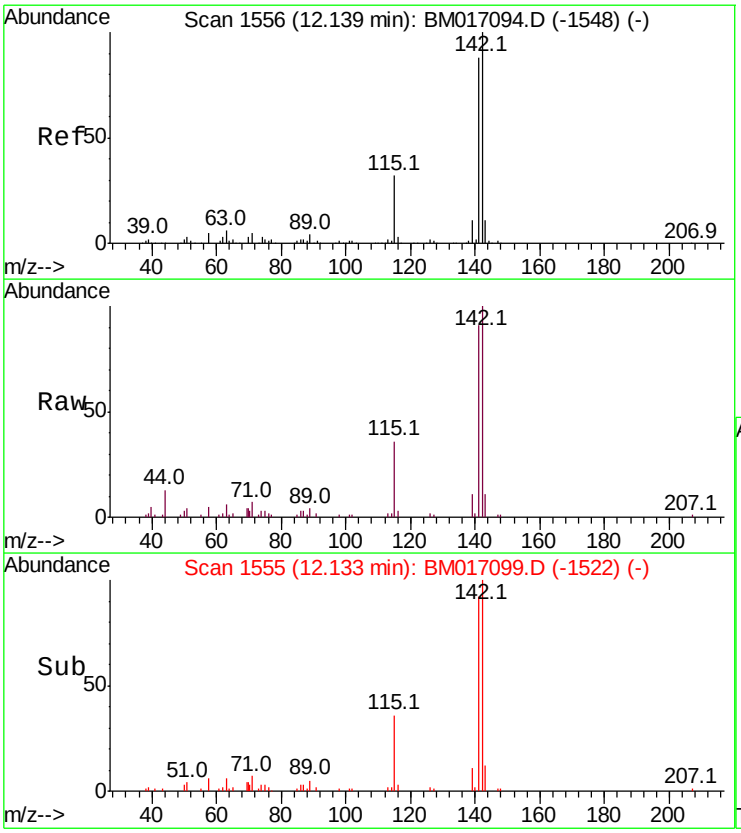
#33
4-Chloro-3-methylphenol
Concen: 22.117 ng/ul
RT: 11.76 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 419344

Ion	Ratio	Lower	Upper
107	100		
144	27.0	22.2	33.4
142	82.8	67.0	100.6

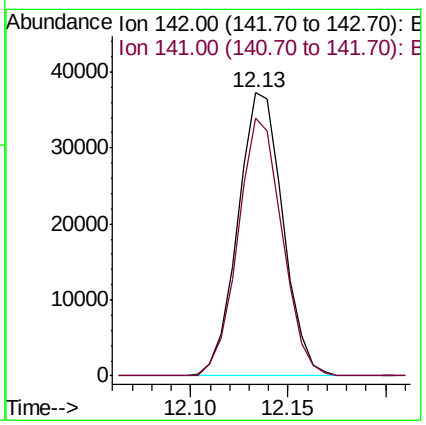


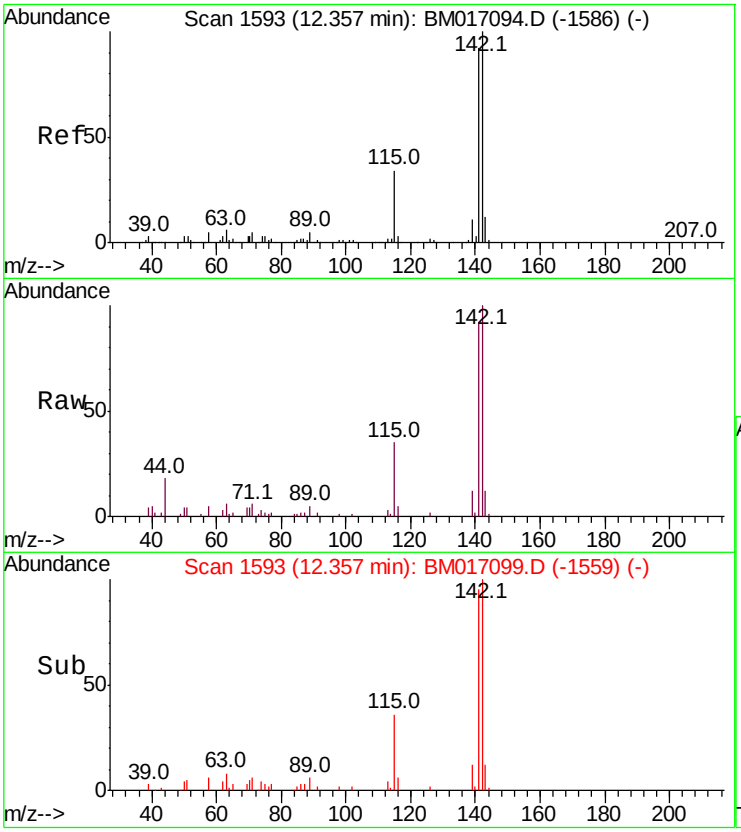


#34
2-Methylnaphthalene
Concen: 1.322 ng/ul
RT: 12.13 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Tgt Ion:142 Resp: 59546

Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.5	107.3



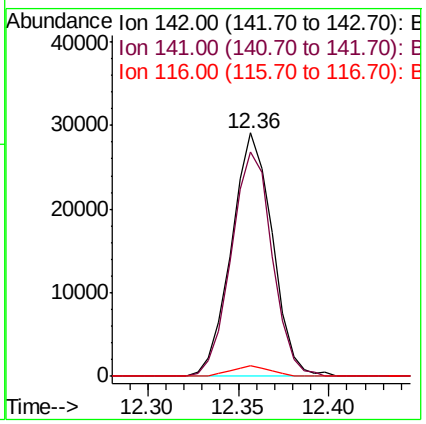


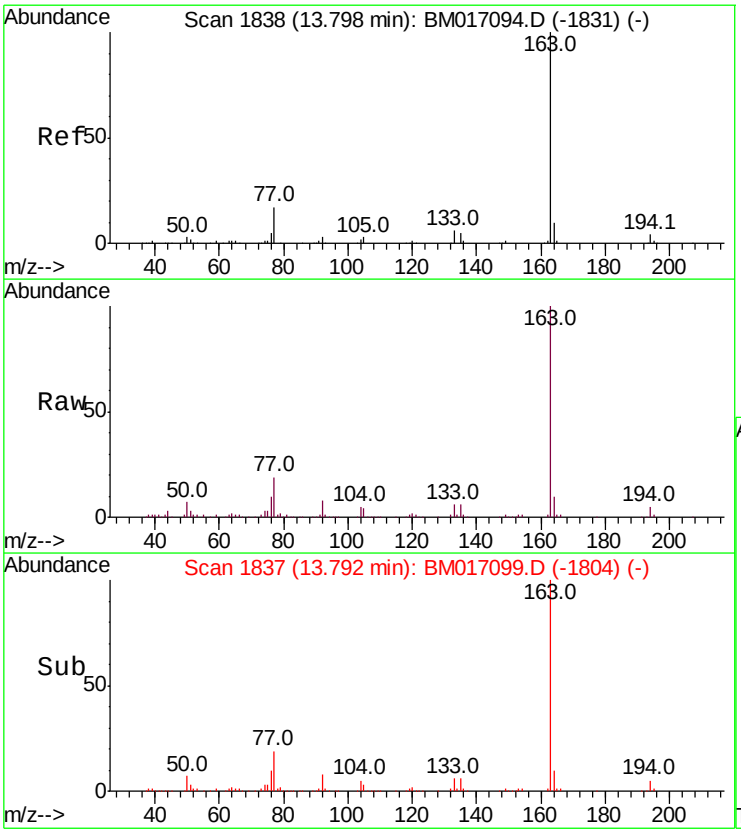
#35
1-Methylnaphthalene
Concen: 1.046 ng/ul
RT: 12.36 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 45863

Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.2	111.4
116	4.6	2.6	4.0#

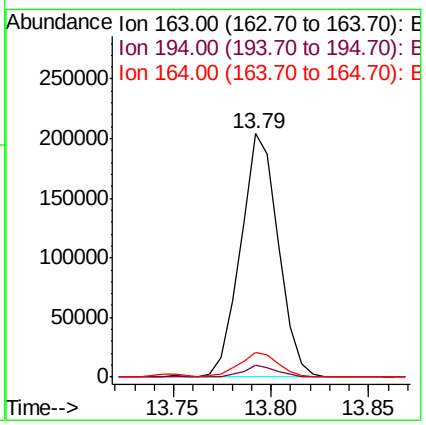


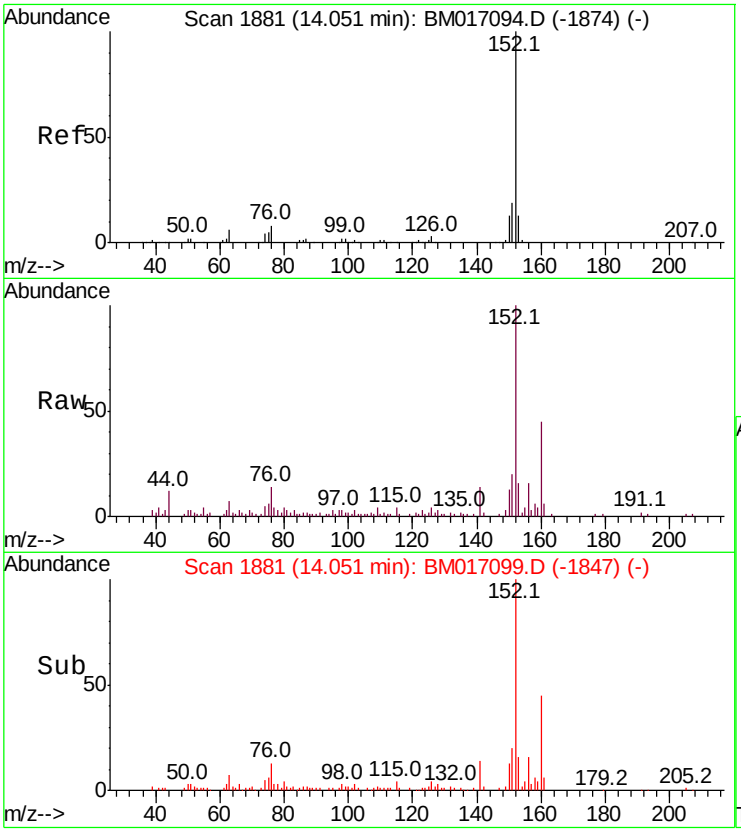


#45
Dimethylphthalate
Concen: 5.903 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Tgt Ion:163 Resp: 270880

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.3	4.9
164	9.9	8.0	12.0



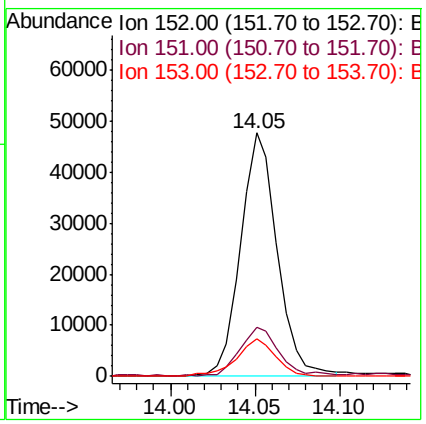


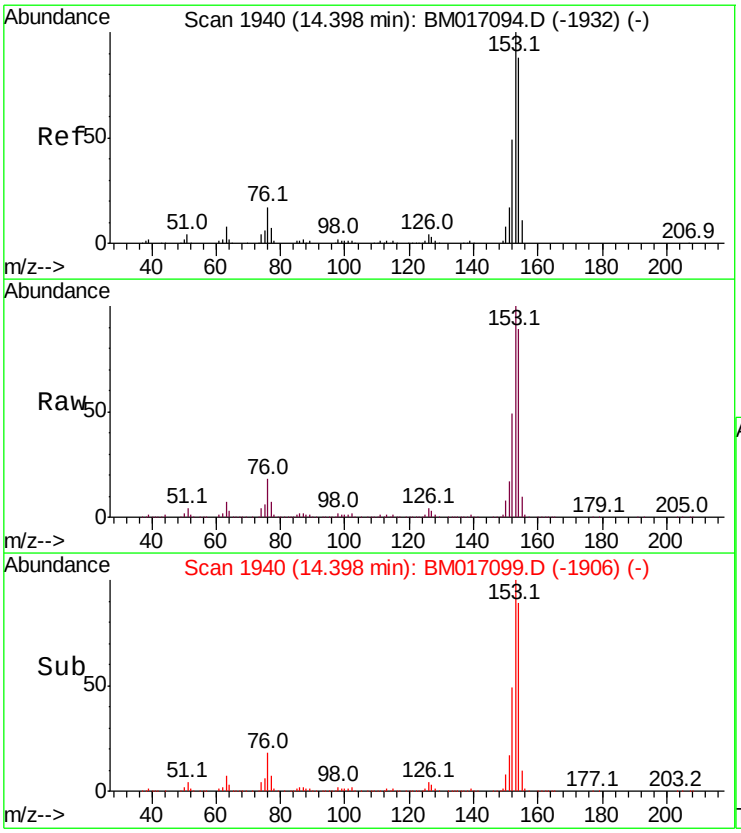
#48
Acenaphthylene
Concen: 1.270 ng/ul
RT: 14.05 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 72049

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.7	23.5
153	15.6	10.2	15.4#

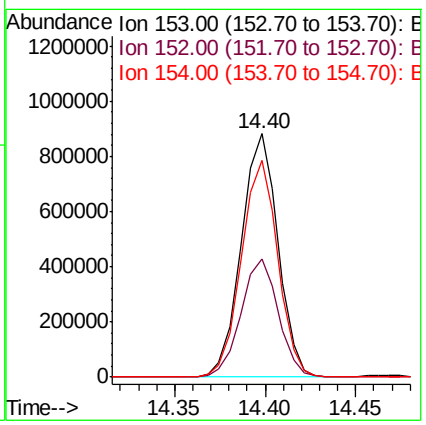


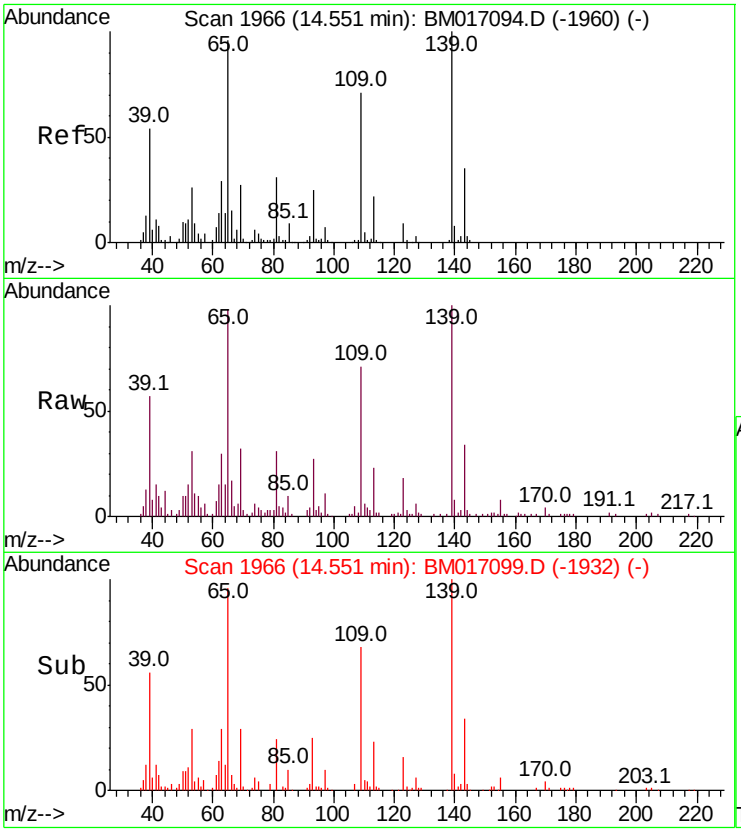


#50
Acenaphthene
Concen: 30.787 ng/ul
RT: 14.40 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Tgt Ion:153 Resp: 1241123

Ion	Ratio	Lower	Upper
153	100		
152	48.6	38.3	57.5
154	89.0	71.0	106.6



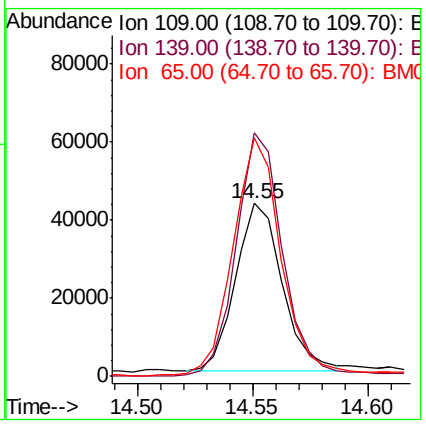


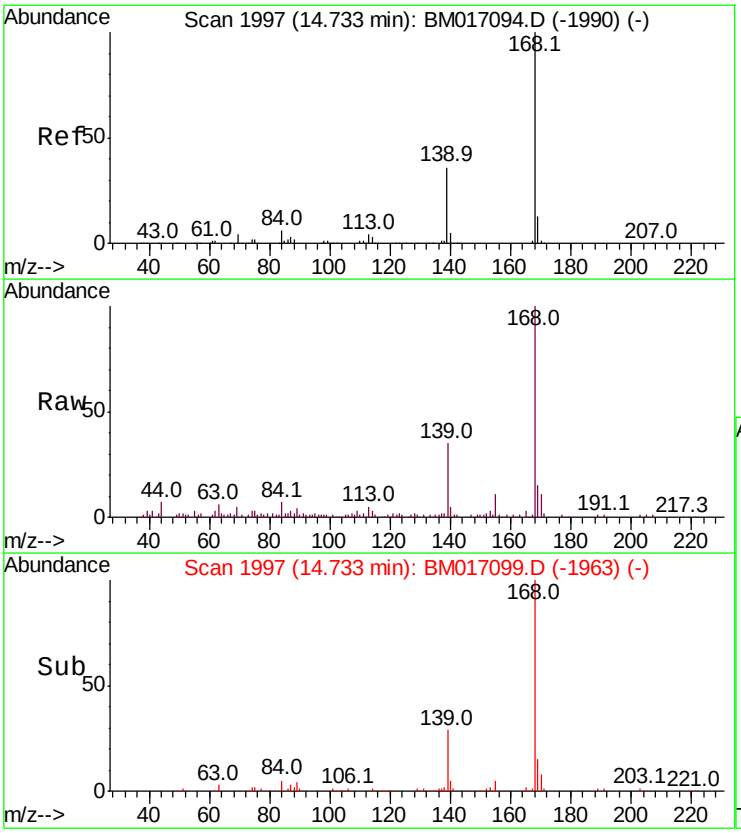
#53
4-Nitrophenol
Concen: 9.477 ng/ul
RT: 14.55 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:109 Resp: 60247

Ion	Ratio	Lower	Upper
109	100		
139	140.8	114.1	171.1
65	137.6	109.8	164.6

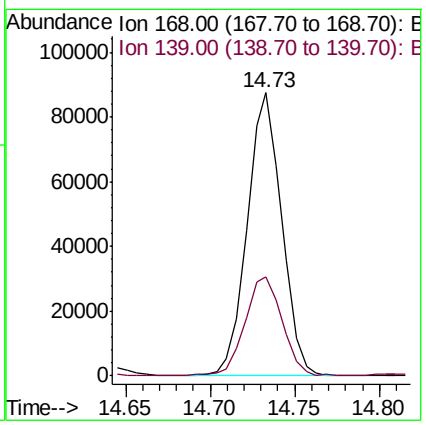


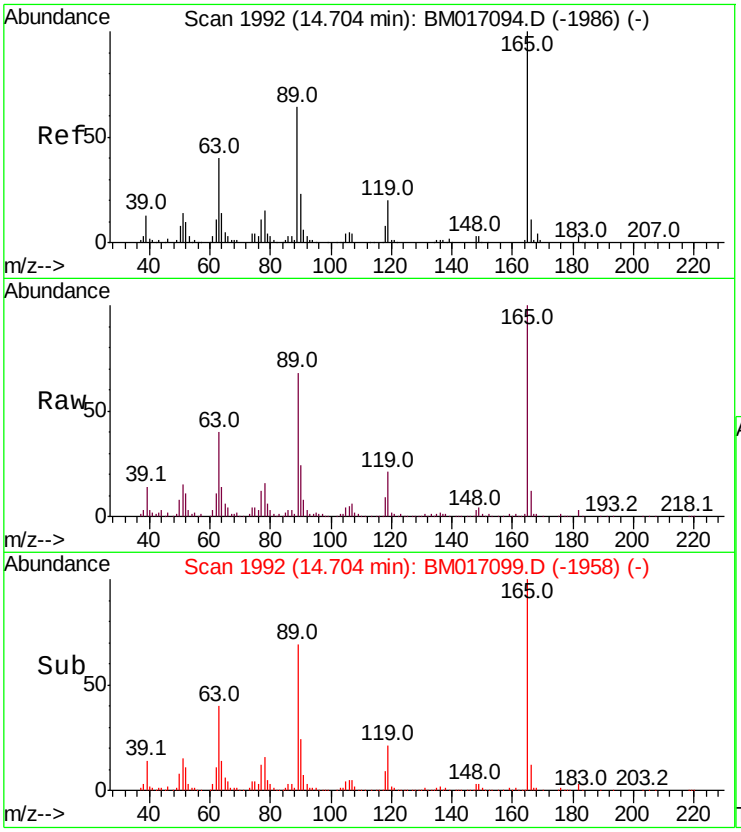


#54
Dibenzofuran
Concen: 2.178 ng/ul
RT: 14.73 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Tgt Ion:168 Resp: 123992

Ion	Ratio	Lower	Upper
168	100		
139	35.0	29.8	44.6



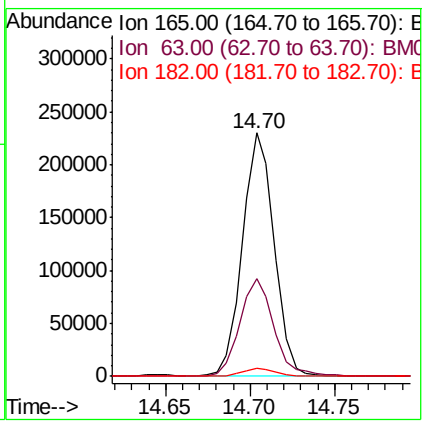


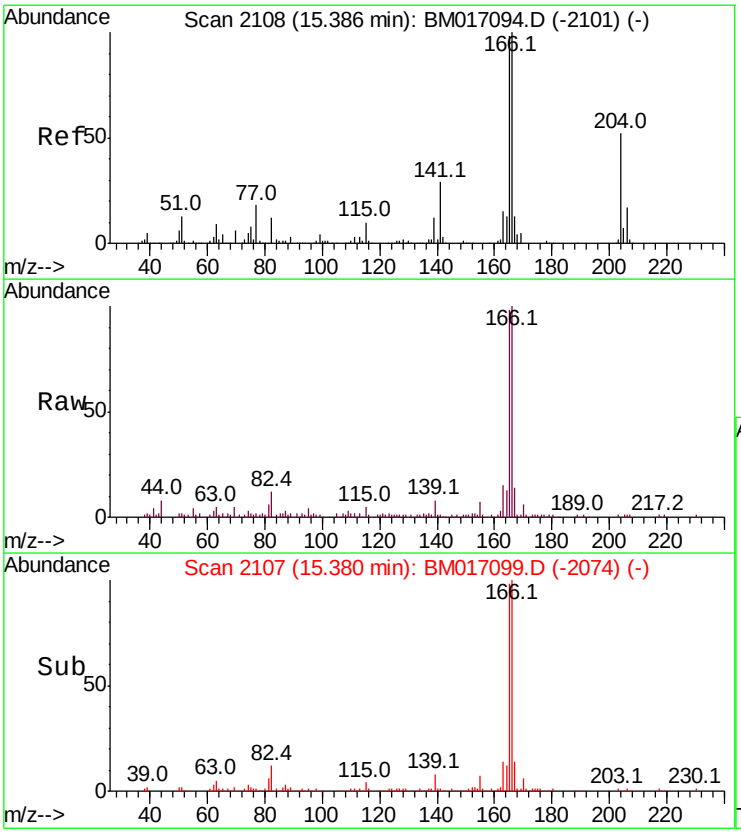
#55
2,4-Dinitrotoluene
Concen: 24.004 ng/ul
RT: 14.70 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 300052

Ion	Ratio	Lower	Upper
165	100		
63	40.4	32.6	48.8
182	3.2	2.3	3.5

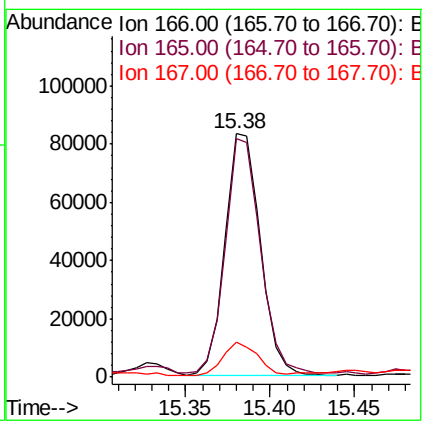


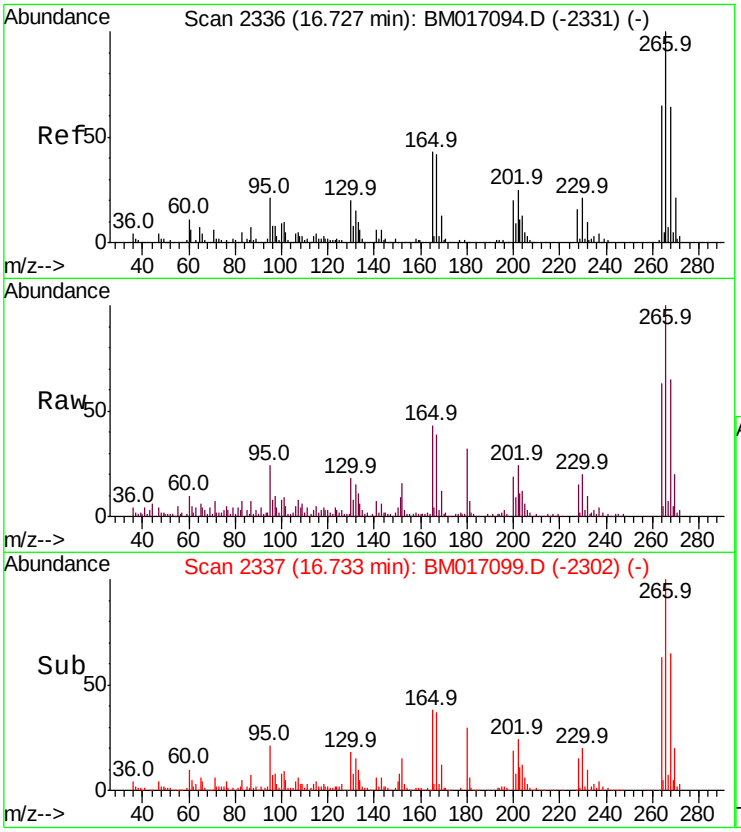


#59
Fluorene
Concen: 2.605 ng/ul
RT: 15.38 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Tgt Ion:166 Resp: 120886

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.3	115.9
167	14.3	10.7	16.1



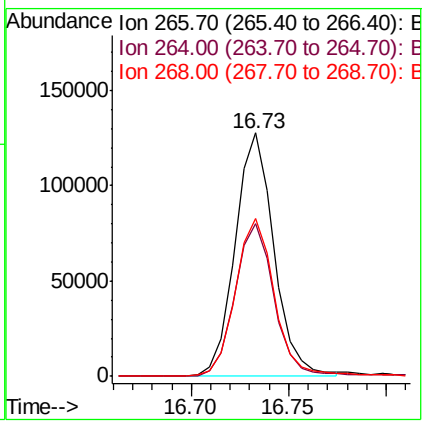


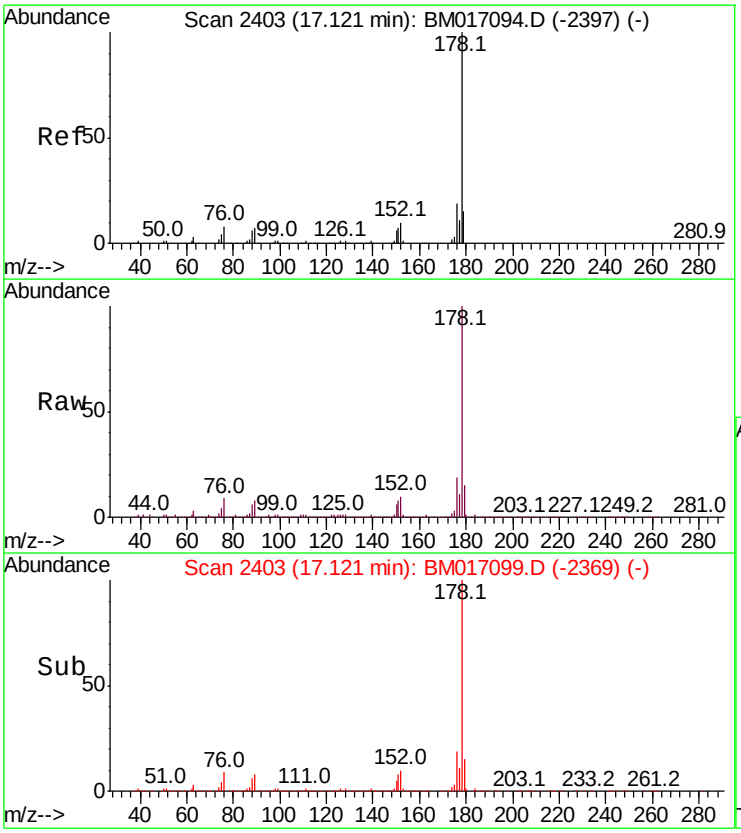
#69
Pentachlorophenol
Concen: 20.907 ng/ul
RT: 16.73 min Scan# 2337
Delta R.T. 0.01 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 176522

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.4	75.6
268	64.9	53.6	80.4

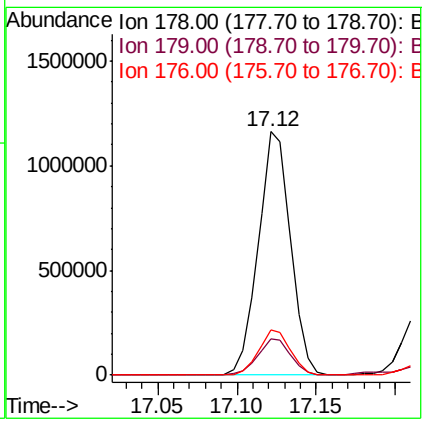


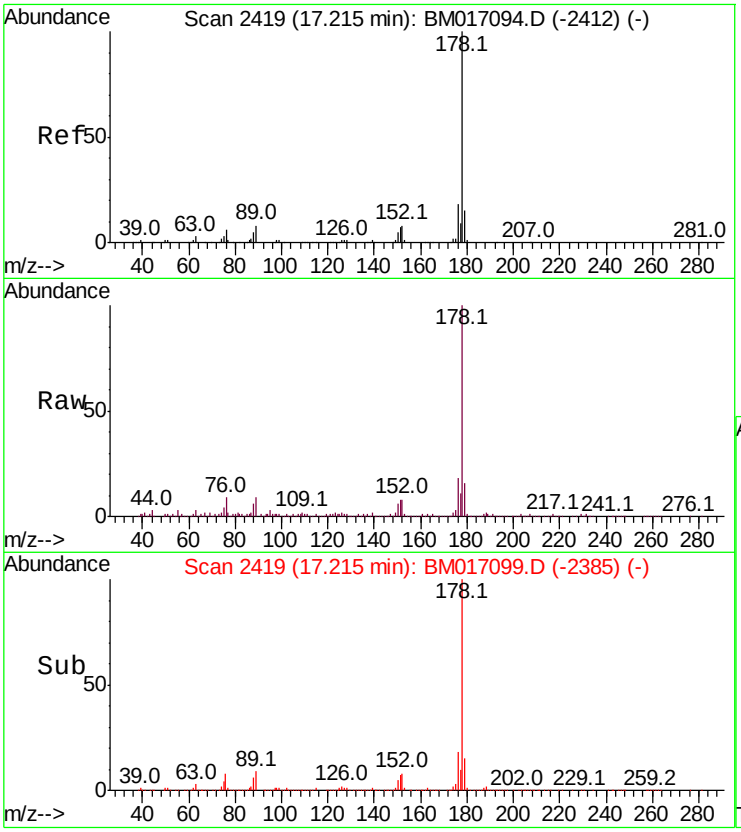


#70
Phenanthrene
Concen: 26.632 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. -0.00 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Tgt Ion:178 Resp: 1648559

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	18.7	15.0	22.4



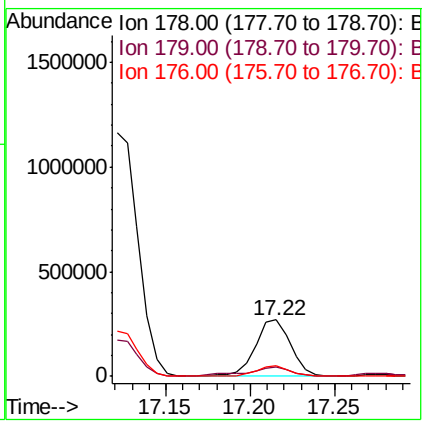


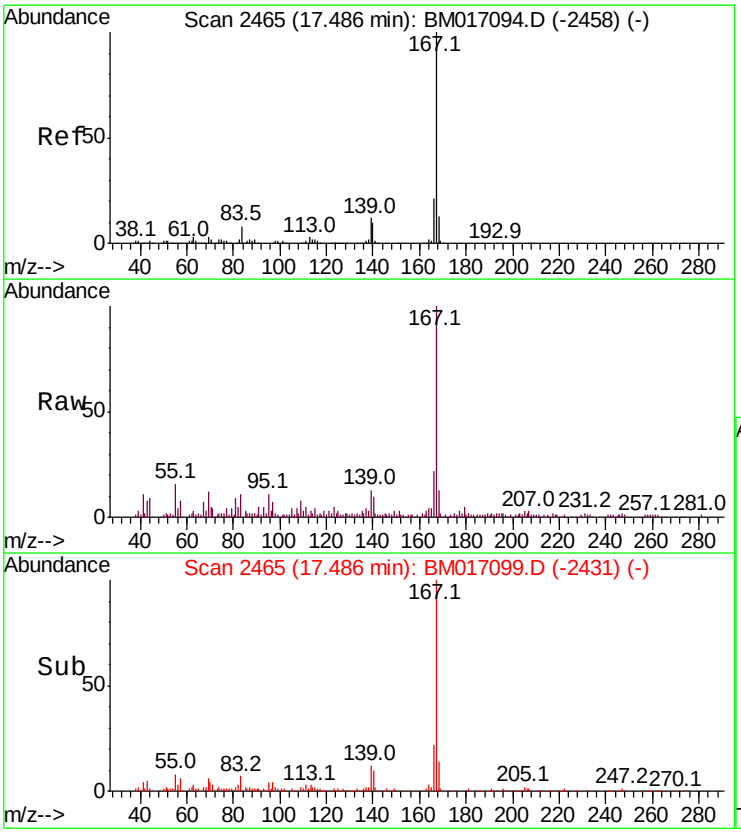
#72
Anthracene
Concen: 6.187 ng/ul
RT: 17.22 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 389150

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.4
176	18.4	14.6	22.0

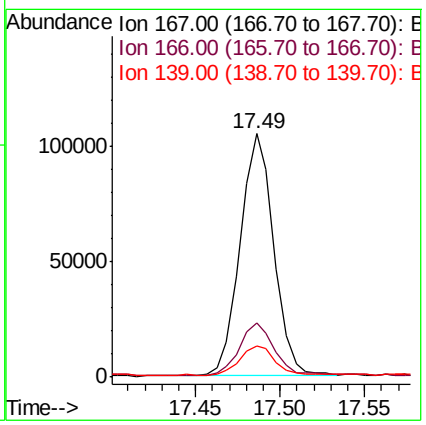


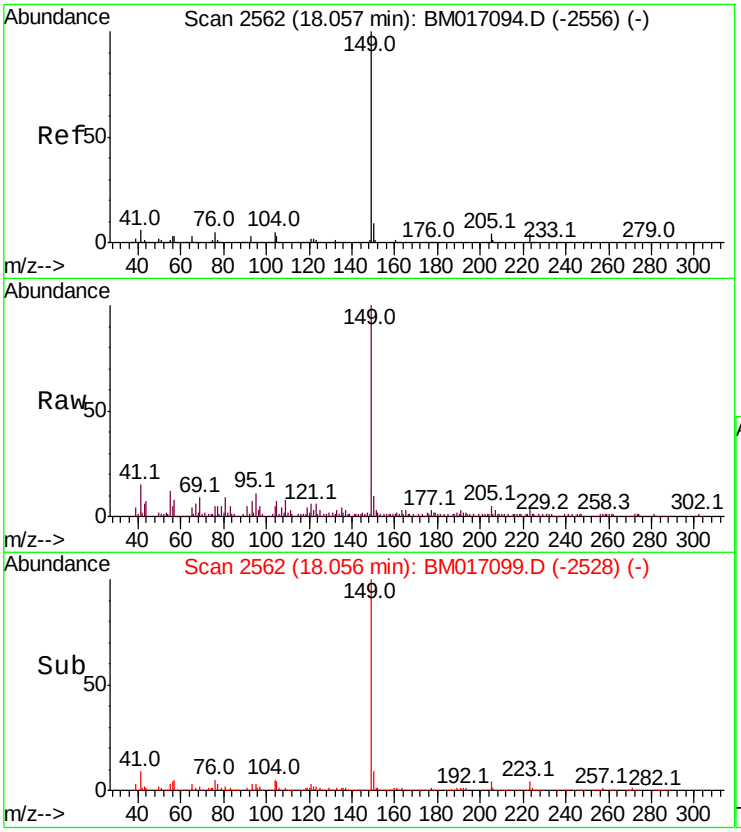


#75
Carbazole
Concen: 2.683 ng/ul
RT: 17.49 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Tgt Ion:167 Resp: 146038

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.0	25.4
139	12.8	10.0	15.0



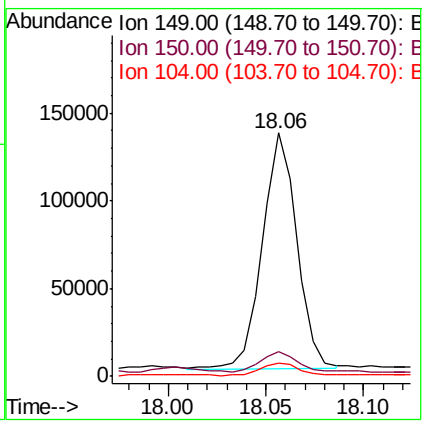


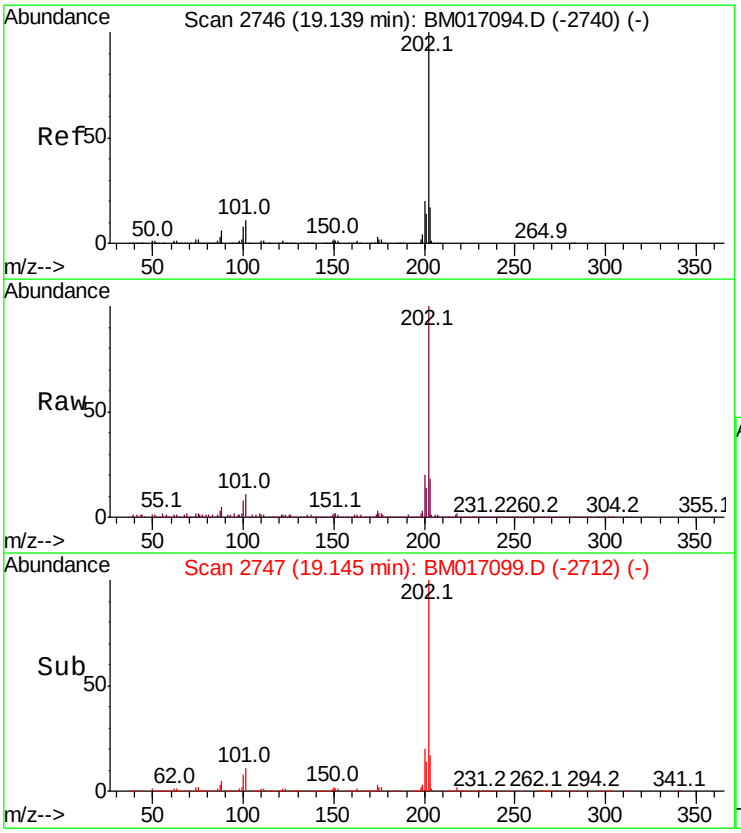
#76
Di-n-butylphthalate
Concen: 2.716 ng/ul
RT: 18.06 min Scan# 2562
Delta R.T. -0.00 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 165273

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.4	11.0
104	5.5	3.8	5.8

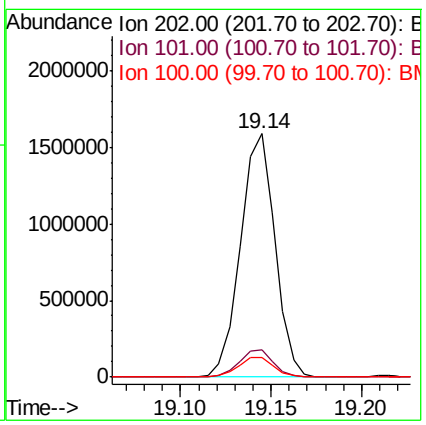


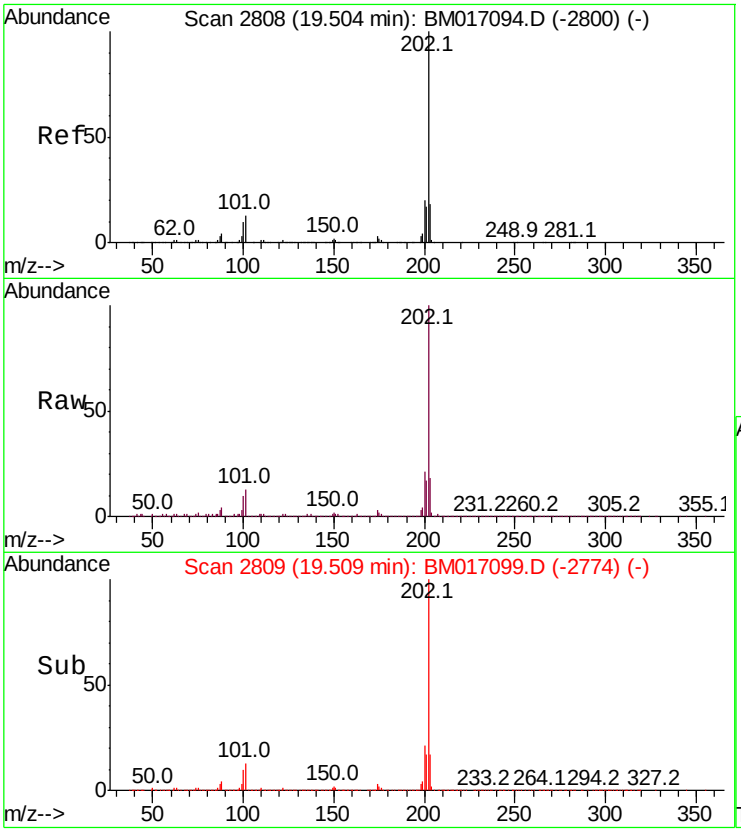


#77
Fluoranthene
Concen: 29.207 ng/ul
RT: 19.14 min Scan# 2747
Delta R.T. 0.01 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Tgt Ion:202 Resp: 2094270

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.3	12.5
100	7.8	6.6	9.8



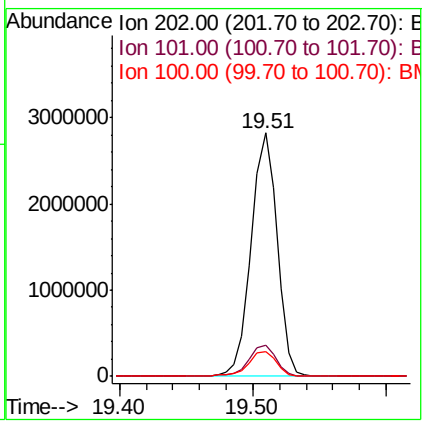


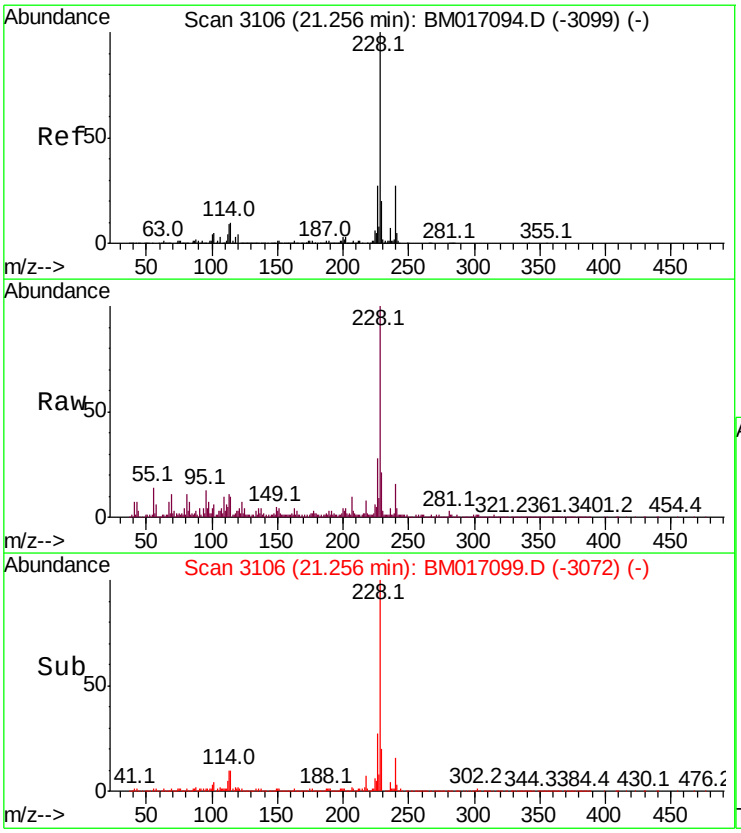
#80
Pyrene
Concen: 59.754 ng/ul
RT: 19.51 min Scan# 2809
Delta R.T. 0.01 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 3770558

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.8	16.2
100	10.4	8.9	13.3

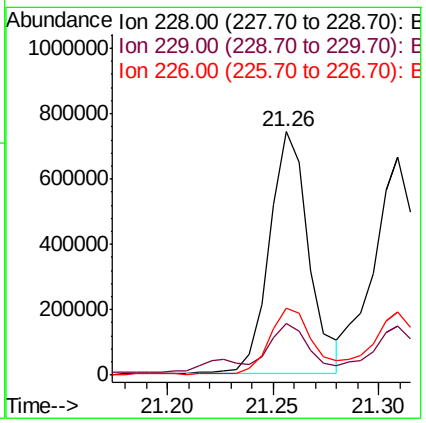


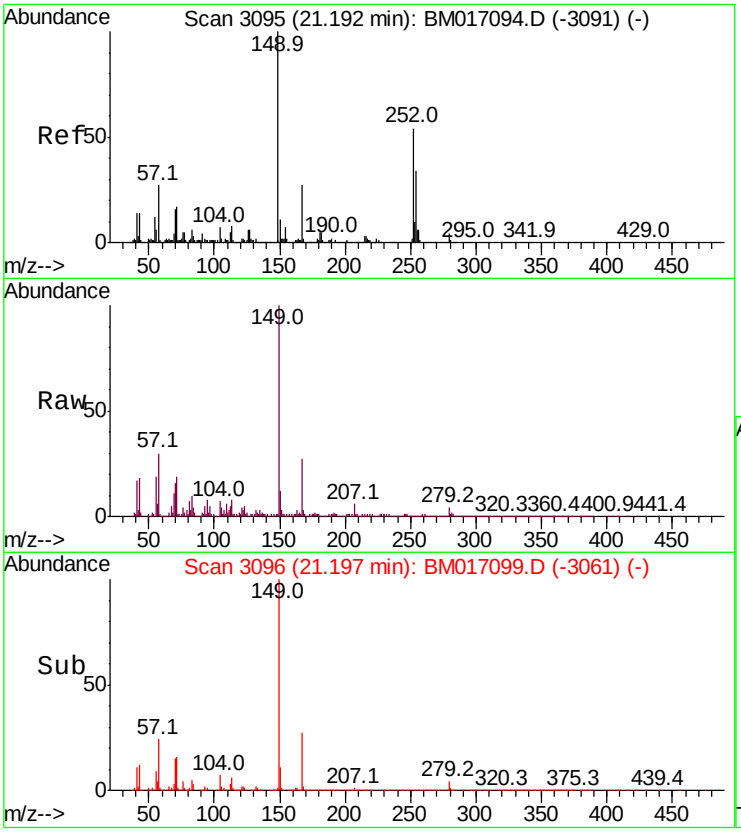


#83
Benzo(a)anthracene
Concen: 14.748 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Tgt Ion:228 Resp: 963536

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.7	23.5
226	27.7	20.9	31.3



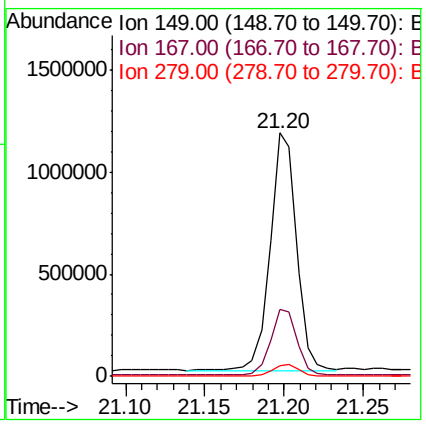


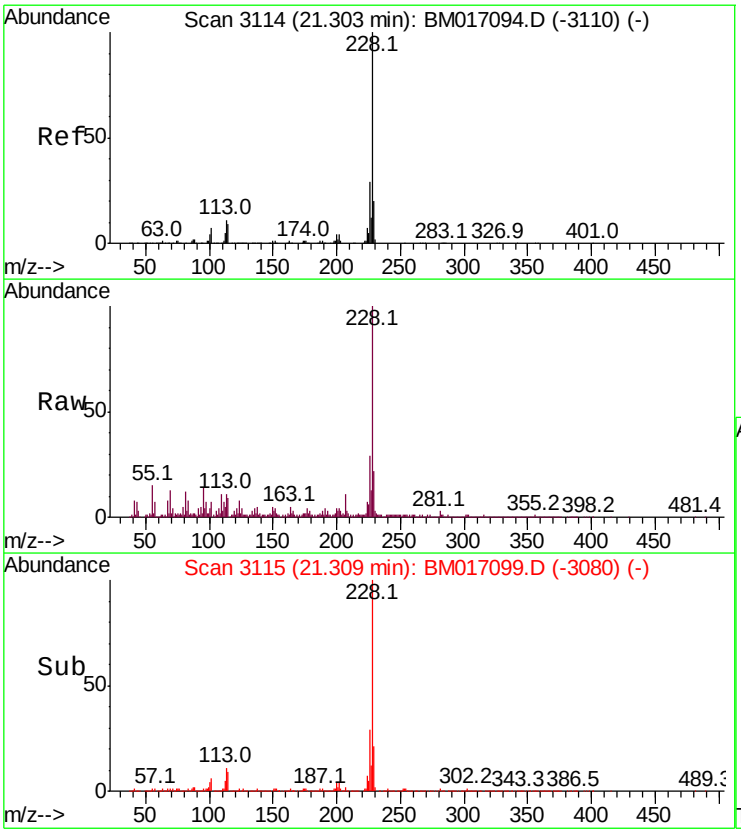
#84
Bis(2-ethylhexyl)phthalate
Concen: 39.815 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 1343551

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.5	33.7
279	4.4	3.7	5.5

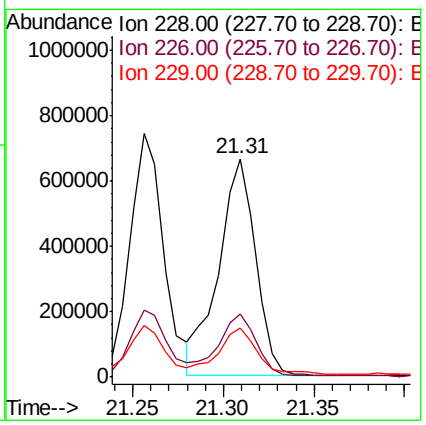


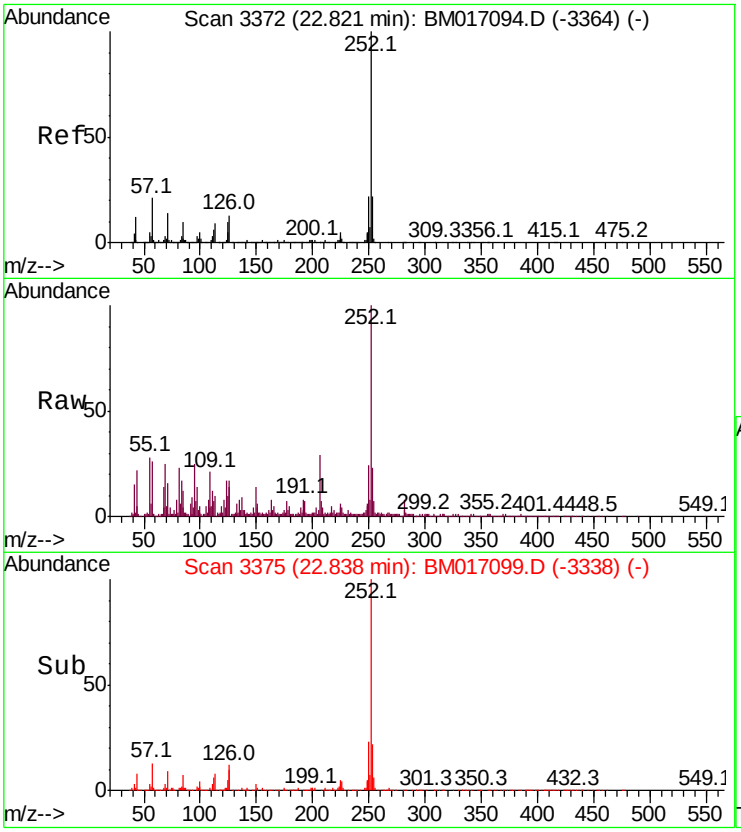


#85
Chrysene
Concen: 15.038 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. 0.01 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Tgt Ion:228 Resp: 950184

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.2
229	22.3	15.6	23.4



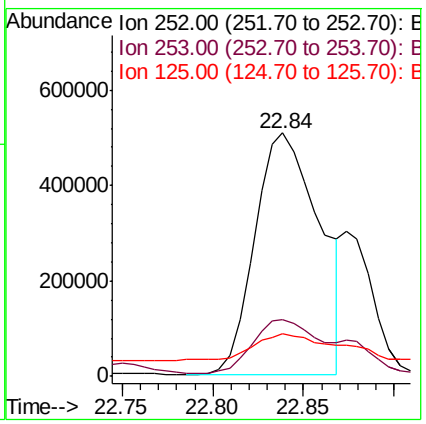


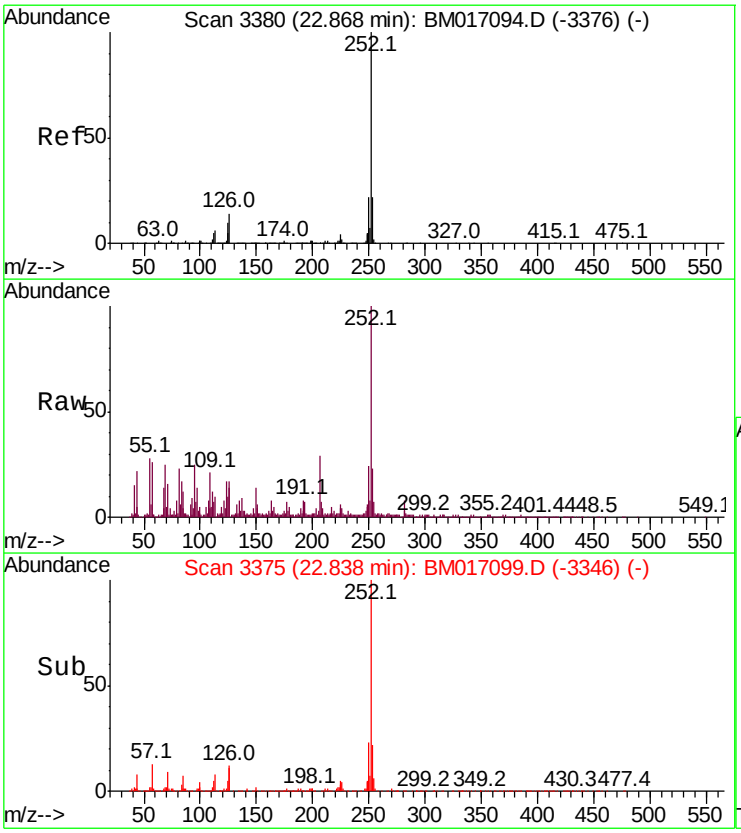
#88
Benzo(b)fluoranthene
Concen: 17.756 ng/ul
RT: 22.84 min Scan# 3375
Delta R.T. 0.02 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1260925

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	17.4	8.2	12.4#

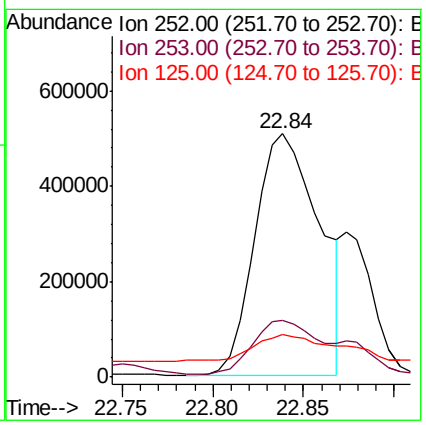


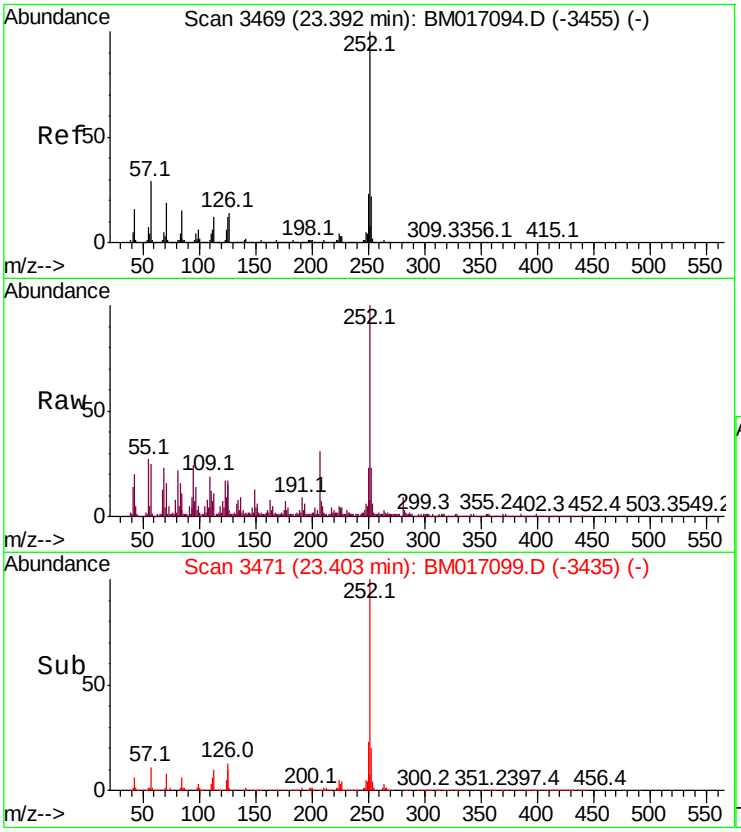


#89
Benzo(k)fluoranthene
Concen: 18.483 ng/ul
RT: 22.84 min Scan# 3375
Delta R.T. -0.03 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Tgt Ion:252 Resp: 1260925

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	17.4	8.2	12.4#



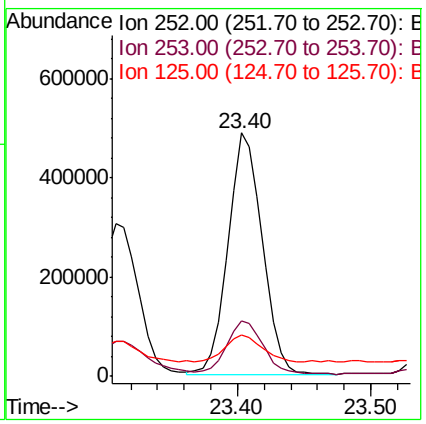


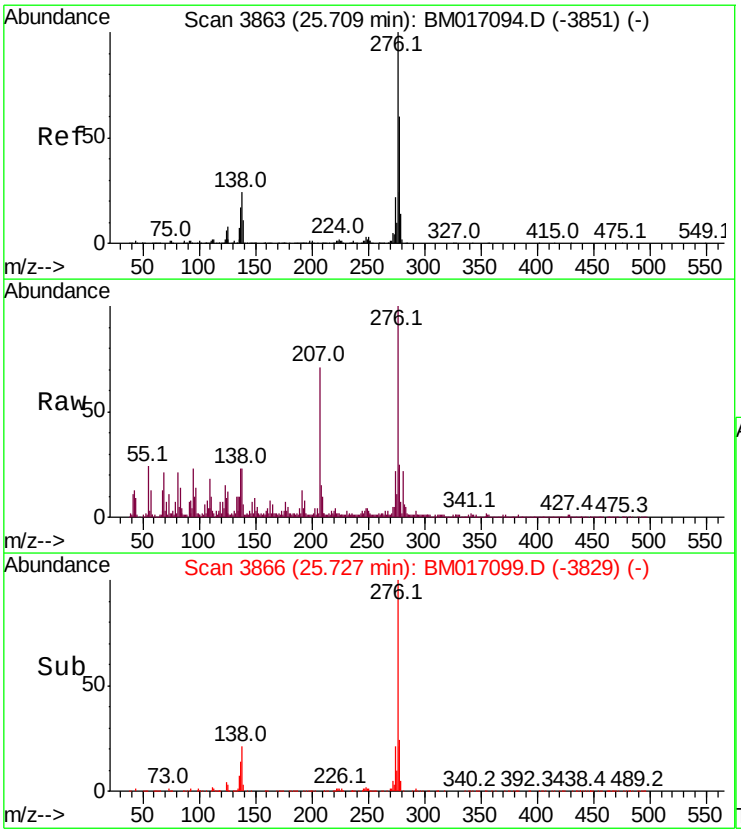
#91
Benzo(a)pyrene
Concen: 12.656 ng/ul
RT: 23.40 min Scan# 3471
Delta R.T. 0.01 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 866132

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.4
125	17.2	9.0	13.6#

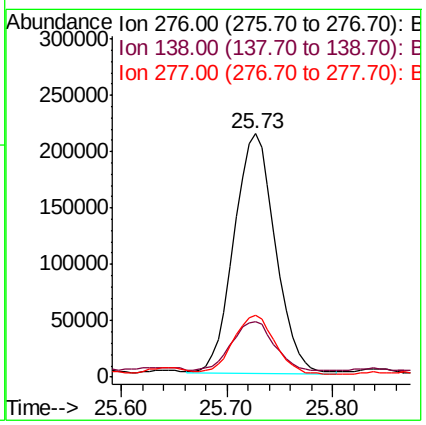


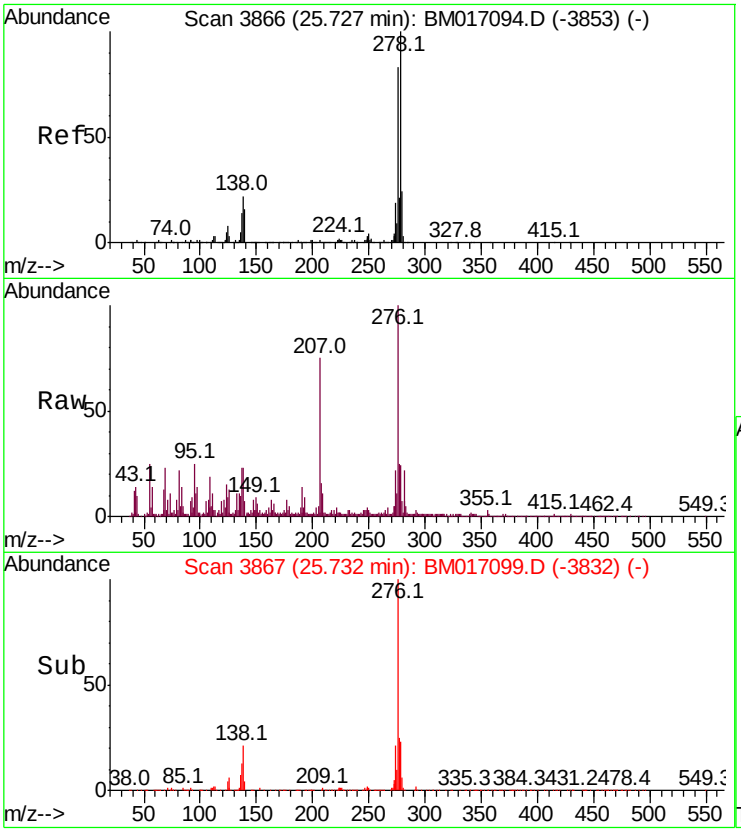


#92
Indeno(1,2,3-cd)pyrene
Concen: 7.183 ng/ul
RT: 25.73 min Scan# 3866
Delta R.T. 0.02 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Tgt Ion:276 Resp: 580324

Ion	Ratio	Lower	Upper
276	100		
138	22.6	20.3	30.5
277	25.3	20.2	30.2



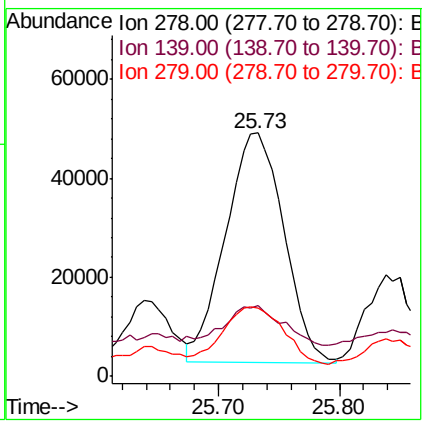


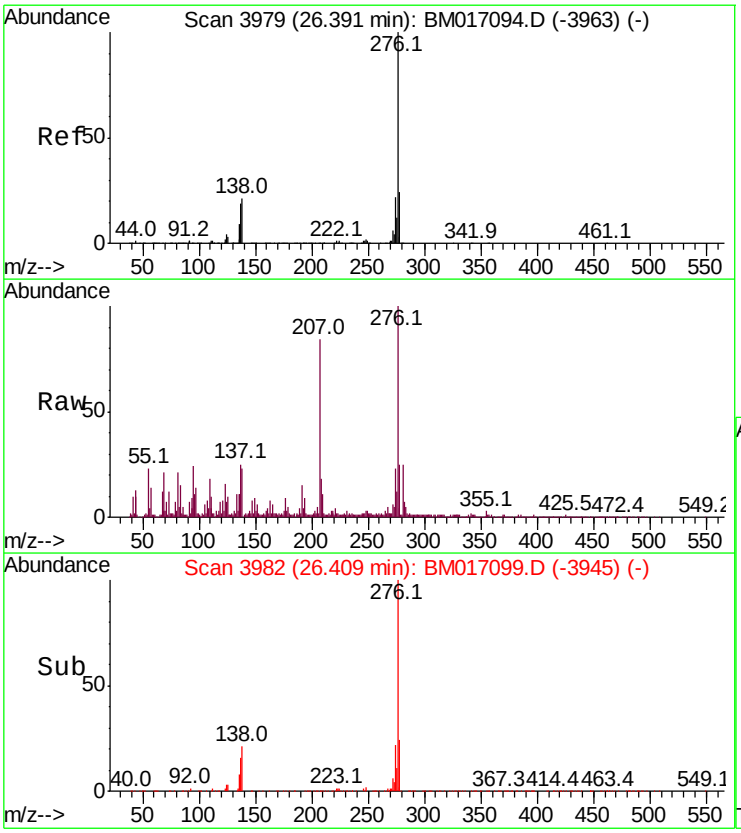
#93
Dibenzo(a,h)anthracene
Concen: 2.305 ng/ul
RT: 25.73 min Scan# 3867
Delta R.T. 0.01 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 155015

Ion	Ratio	Lower	Upper
278	100		
139	28.8	13.2	19.8#
279	28.2	18.4	27.6#





#94
Benzo(g,h,i)perylene
Concen: 8.235 ng/ul
RT: 26.41 min Scan# 3982
Delta R.T. 0.02 min
Lab File: BM017099.D
Acq: 10 Oct 2018 15:44

Tgt Ion:276 Resp: 554061

Ion	Ratio	Lower	Upper
276	100		
138	23.5	17.5	26.3
277	25.2	18.5	27.7