Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110218\

Quantitation Report (Not Reviewed)

Data File : BM017504.D
Acq On : 02 Nov 2018 23:38
Operator : MJ/SJ
Sample : J5702-25MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40K3MS

Quant Time: Nov 03 04:03:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 03 03:58:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	173538	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	681746	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	308892	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	549077	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	384604	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	349632	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	22926	6.08	ng/uL	0.00
5) Phenol-d5	6.81	99	488590	30.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	284074	30.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	394202	32.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	346860	27.67	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	176647	33.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	192026	32.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	334219	30.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	312978	34.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	777002	29.33	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1066795	33.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	104017	21.02	ng/ul	0.00
58) Fluorene-d10	15.27	176	680300	29.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	90281	23.60	ng/ul	0.00
71) Anthracene-d10	17.12	188	865590	31.85	ng/ul	0.00
79) Pyrene-d10	19.43	212	804537	45.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	612507	33.17	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.84	77	7239	2.396	ng/ul#	4
6) Phenol	6.84	94	583652	37.080	ng/ul	99
10) 2-Chlorophenol	7.20	128	377048	30.540	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.43	70	264564	27.889	ng/ul	97
33) 4-Chloro-3-methylphenol	11.70	107	312474	26.724	ng/ul	95
45) Dimethylphthalate	13.74	163	148432	5.784	ng/ul	99
50) Acenaphthene	14.34	153	750550	34.726	ng/ul	98
53) 4-Nitrophenol	14.51	109	88621	23.618	ng/ul	92
54) Dibenzofuran	14.68	168	39066	1.276	ng/ul	96
55) 2,4-Dinitrotoluene	14.66	165	199232	25.927	ng/ul	94
59) Fluorene	15.33	166	58544	2.320	ng/ul	98
69) Pentachlorophenol	16.68	266	92394	21.268	ng/ul	97
70) Phenanthrene	17.07	178	680363	21.578	ng/ul	100
72) Anthracene	17.16	178	167555	5.232	ng/ul	98
75) Carbazole	17.44	167	73451	2.623	ng/ul	98
77) Fluoranthene	19.09	202	757229	20.952	ng/ul	100
80) Pyrene	19.46	202	1656648	74.177	ng/ul	99
83) Benzo(a)anthracene	21.21	228	283363	12.040	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.15	149	17881	1.372	ng/ul#	97
85) Chrysene	21.26	228	294034	13.138	ng/ul	99
88) Benzo(b)fluoranthene	22.77	252	239439	11.699	ng/ul#	95
89) Benzo(k)fluoranthene	22.77	252	239439	11.977	ng/ul	96
91) Benzo(a)pyrene	23.33	252	181694	9.087	ng/ul	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110218\

Quantitation Report (Not Reviewed)

Data File : BM017504.D
Acq On : 02 Nov 2018 23:38
Operator : MJ/SJ
Sample : J5702-25MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40K3MS

Quant Time: Nov 03 04:03:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 03 03:58:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Indeno(1,2,3-cd)pyrene	25.61	276	96452	3.965	ng/ul	99
93) Dibenzo(a,h)anthracene	25.62	278	32195	1.585	ng/ul#	94
94) Benzo(g,h,i)perylene	26.29	276	80977	3.918	ng/ul	97

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

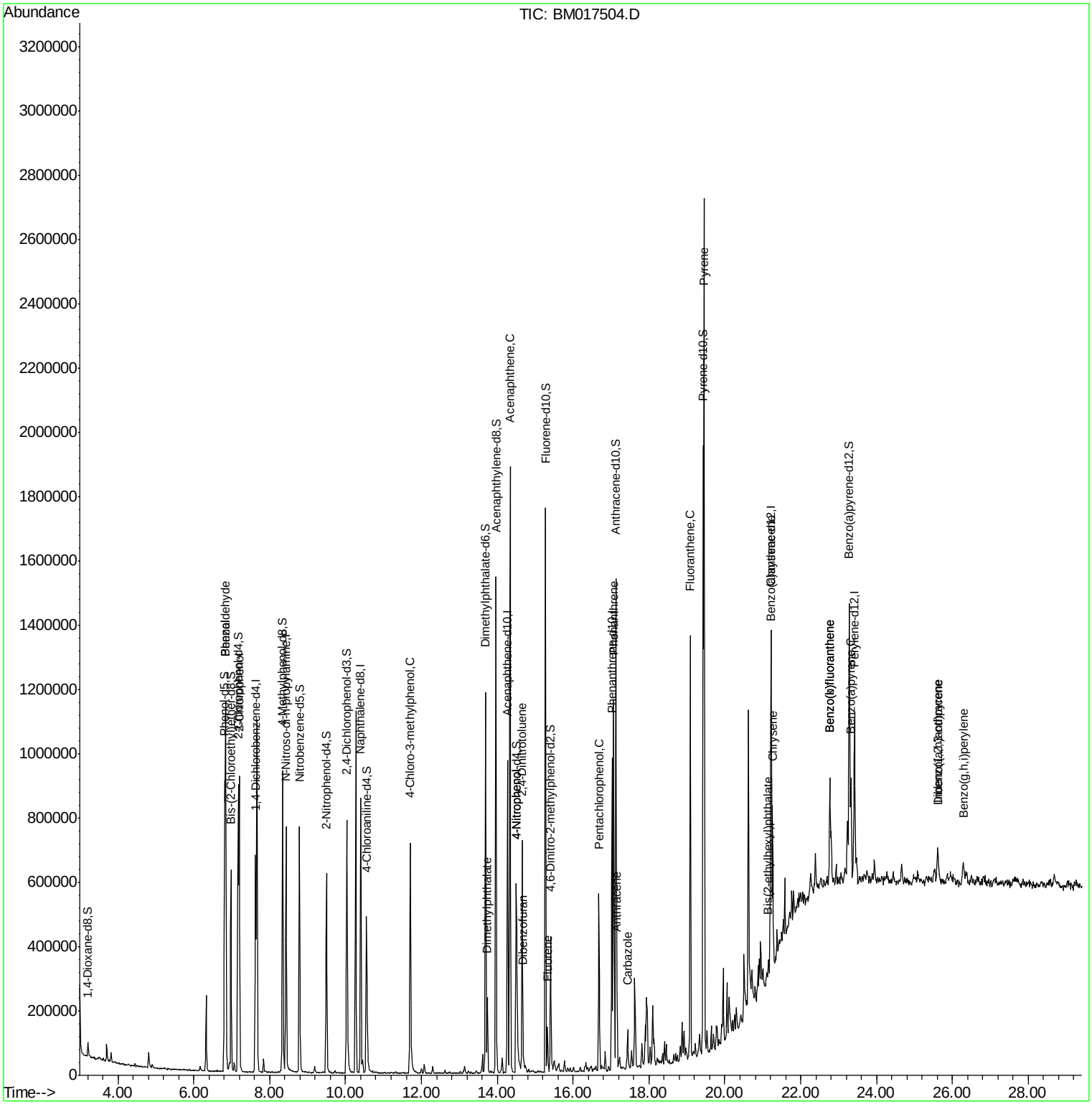
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110218\

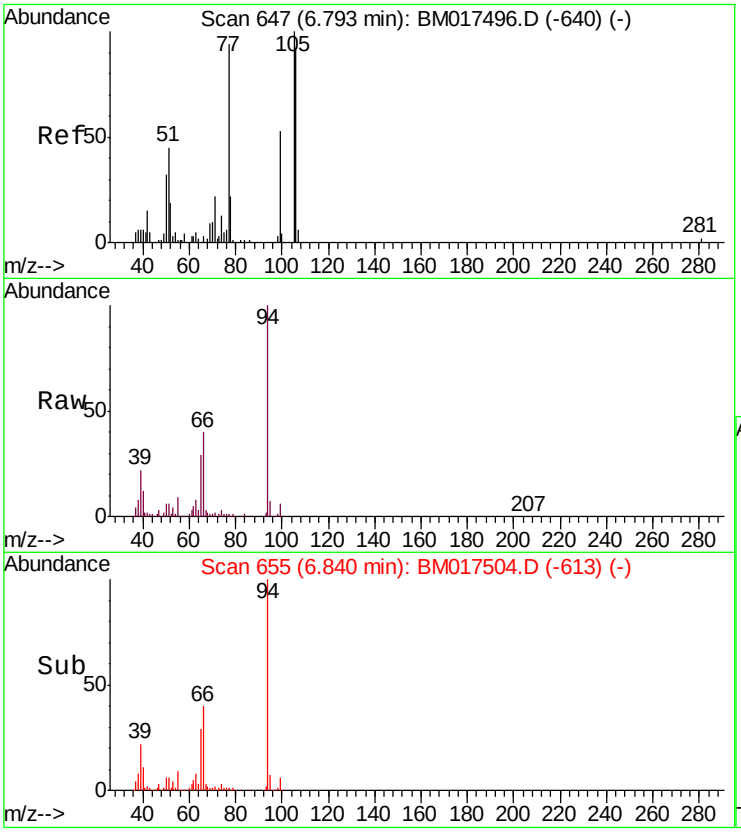
Quantitation Report (Not Reviewed)

Data File : BM017504.D
Acq On : 02 Nov 2018 23:38
Operator : MJ/SJ
Sample : J5702-25MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40K3MS

Quant Time: Nov 03 04:03:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 03 03:58:03 2018
Response via : Initial Calibration



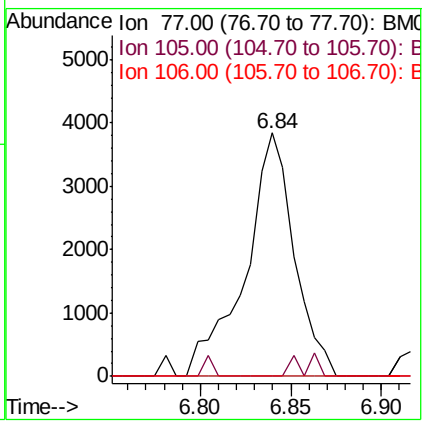


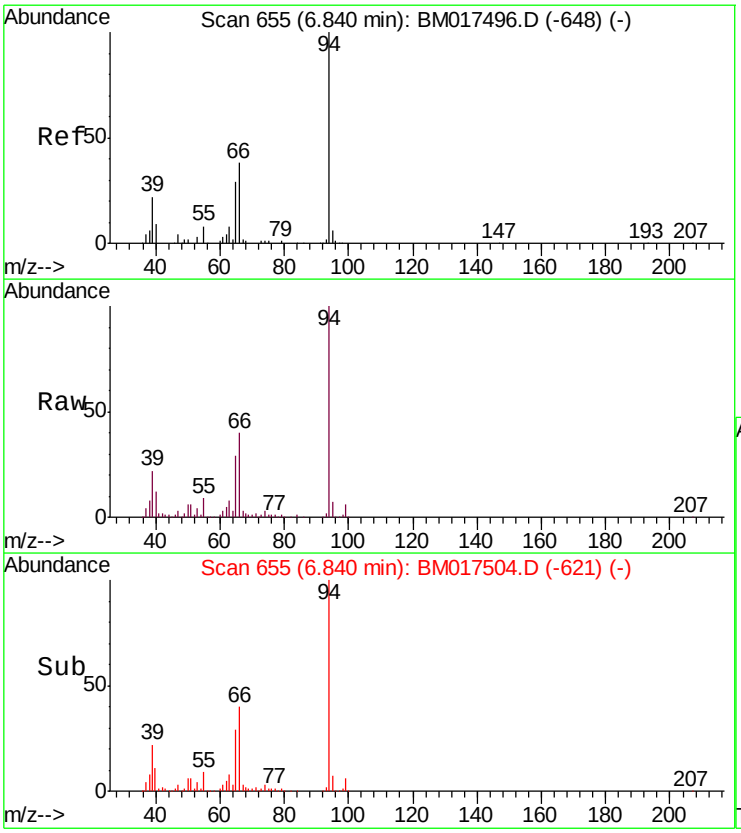
#4
Benzaldehyde
Concen: 2.396 ng/ul
RT: 6.84 min Scan# 655
Delta R.T. 0.05 min
Lab File: BM017504.D
Acq: 02 Nov 2018 23:38

Instrument :
BNA_M
ClientSampleId :
A40K3MS

Tgt Ion: 77 Resp: 7239

Ion	Ratio	Lower	Upper
77	100		
105	0.0	76.9	115.3#
106	0.0	69.1	103.7#

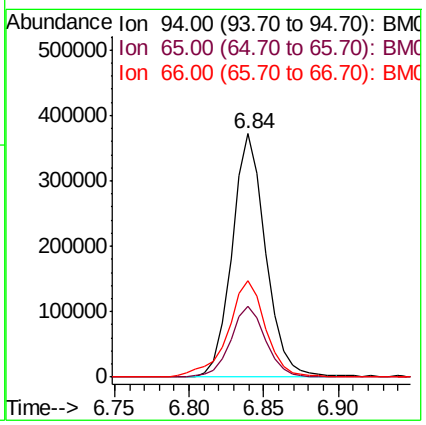


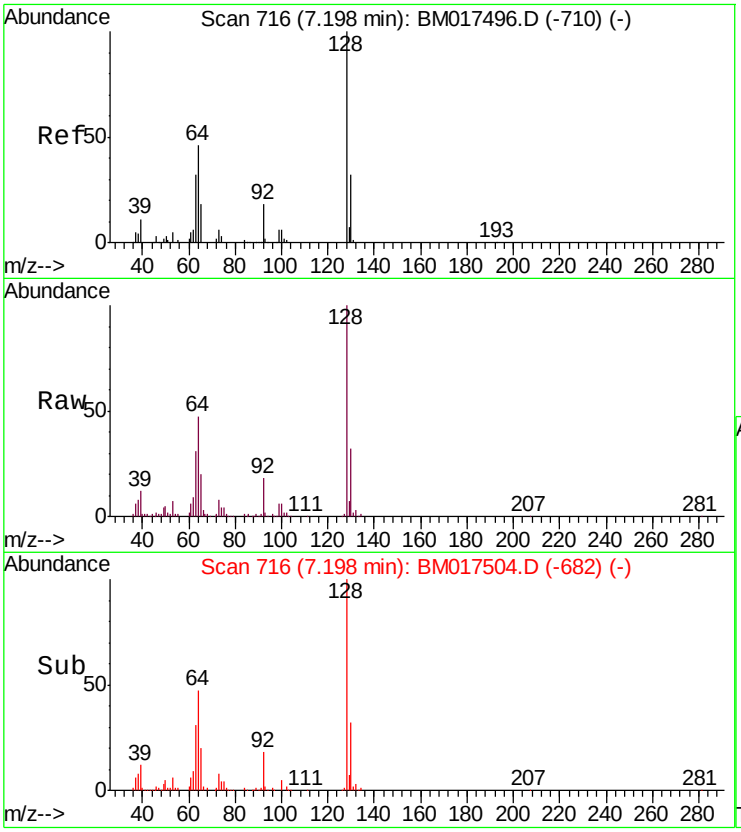


#6
Phenol
Concen: 37.080 ng/ul
RT: 6.84 min Scan# 655
Delta R.T. -0.00 min
Lab File: BM017504.D
Acq: 02 Nov 2018 23:38

Tgt Ion: 94 Resp: 583652

Ion	Ratio	Lower	Upper
94	100		
65	29.2	24.0	36.0
66	39.6	31.1	46.7



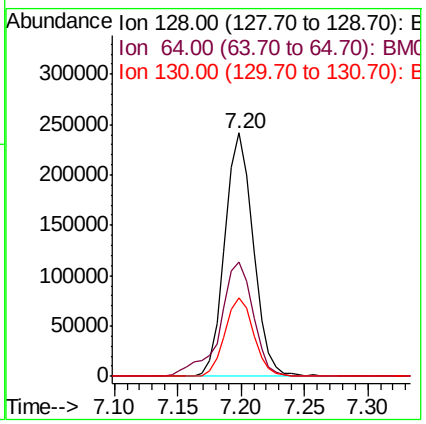


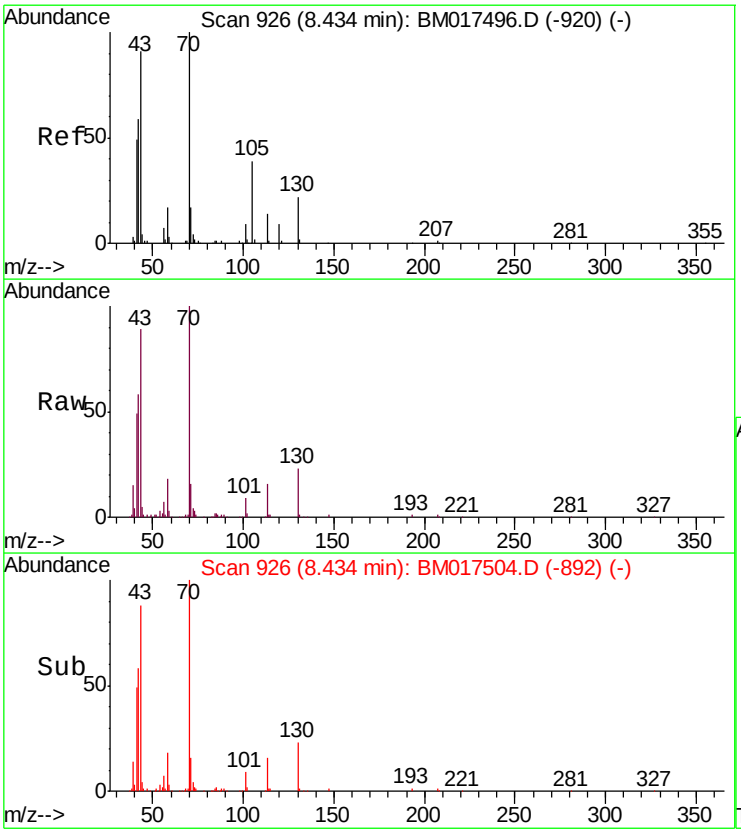
#10
2-Chlorophenol
Concen: 30.540 ng/ul
RT: 7.20 min Scan# 716
Delta R.T. -0.00 min
Lab File: BM017504.D
Acq: 02 Nov 2018 23:38

Instrument :
BNA_M
ClientSampleId :
A40K3MS

Tgt Ion:128 Resp: 377048

Ion	Ratio	Lower	Upper
128	100		
64	47.0	36.2	54.2
130	32.3	26.0	39.0

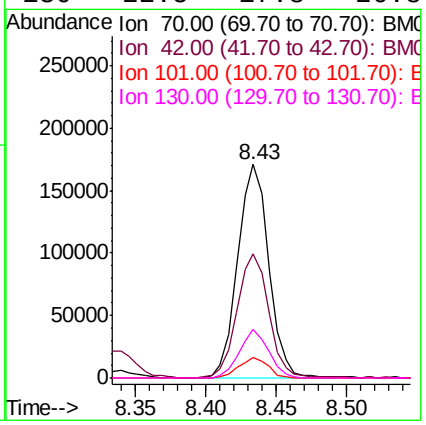


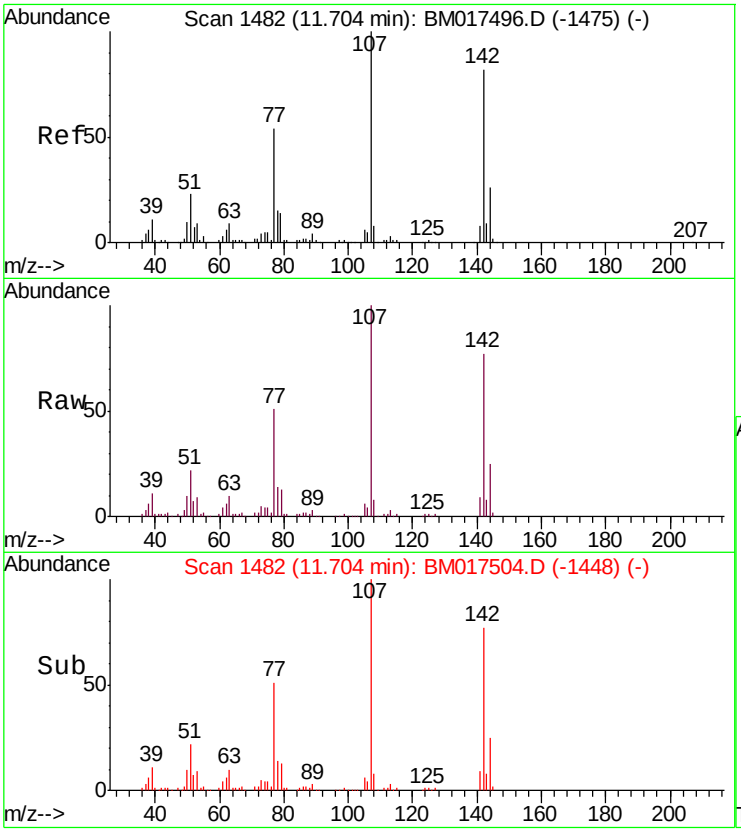


#15
N-Nitroso-di-n-propylamine
Concen: 27.889 ng/ul
RT: 8.43 min Scan# 926
Delta R.T. -0.00 min
Lab File: BM017504.D
Acq: 02 Nov 2018 23:38

Tgt Ion: 70 Resp: 264564

Ion	Ratio	Lower	Upper
70	100		
42	58.0	43.7	65.5
101	9.3	8.0	12.0
130	22.5	17.8	26.8



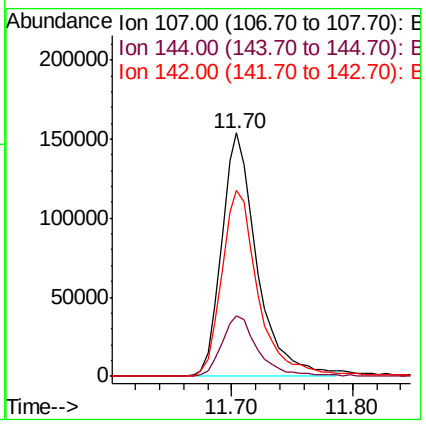


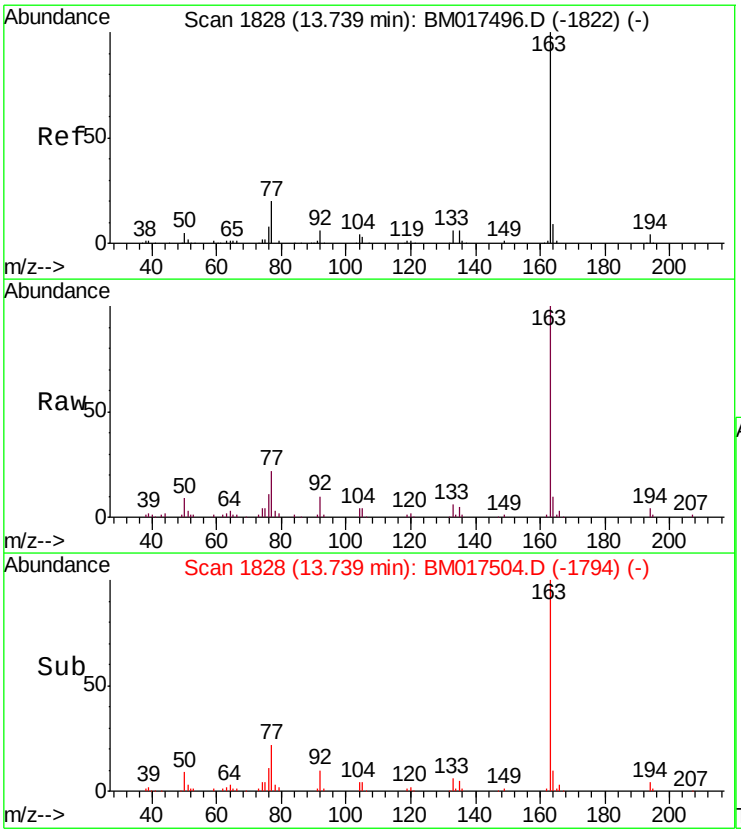
#33
4-Chloro-3-methylphenol
Concen: 26.724 ng/ul
RT: 11.70 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BM017504.D
Acq: 02 Nov 2018 23:38

Instrument :
BNA_M
ClientSampleId :
A40K3MS

Tgt Ion:107 Resp: 312474

Ion	Ratio	Lower	Upper
107	100		
144	25.1	21.8	32.6
142	76.6	65.0	97.4

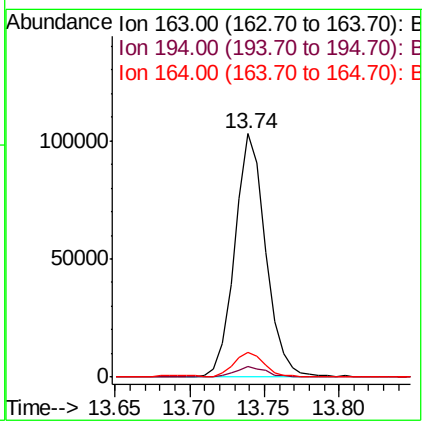


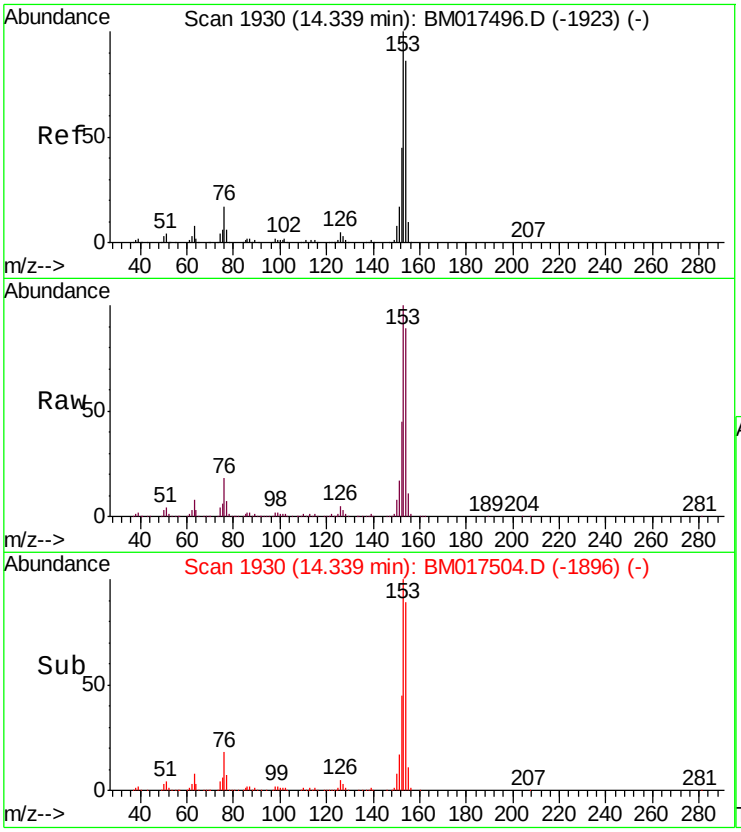


#45
Dimethylphthalate
Concen: 5.784 ng/ul
RT: 13.74 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BM017504.D
Acq: 02 Nov 2018 23:38

Tgt Ion:163 Resp: 148432

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	10.3	8.1	12.1



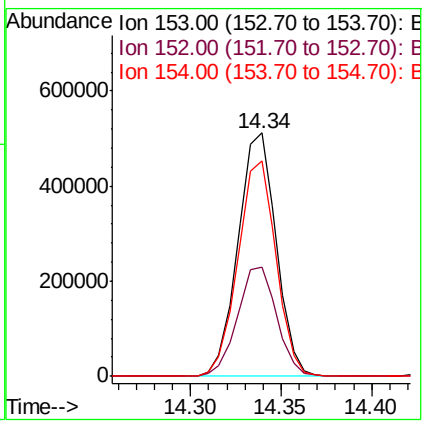


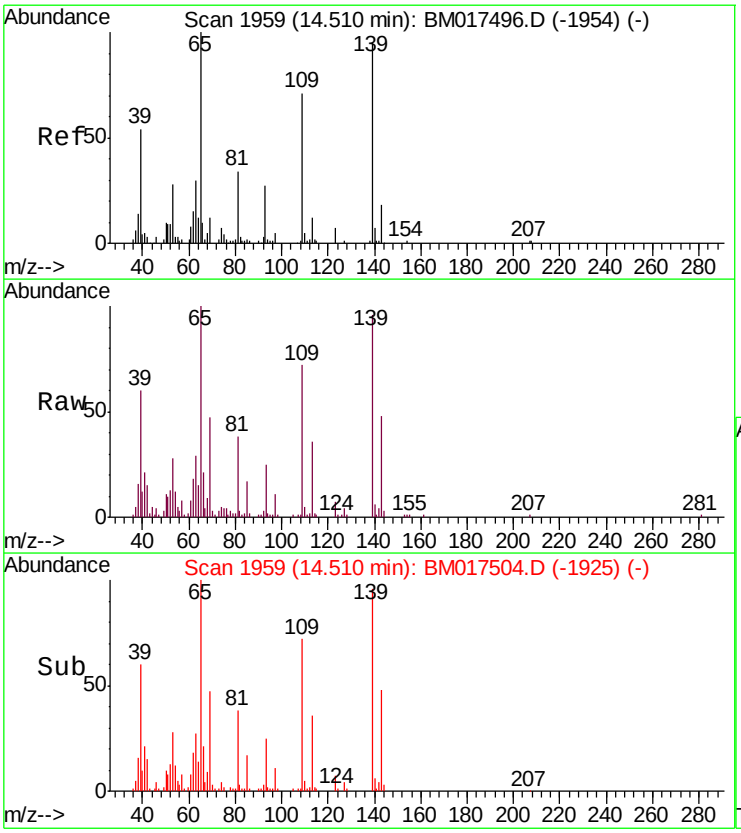
#50
Acenaphthene
Concen: 34.726 ng/ul
RT: 14.34 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BM017504.D
Acq: 02 Nov 2018 23:38

Instrument :
BNA_M
ClientSampleId :
A40K3MS

Tgt Ion:153 Resp: 750550

Ion	Ratio	Lower	Upper
153	100		
152	45.0	36.9	55.3
154	88.6	72.2	108.4

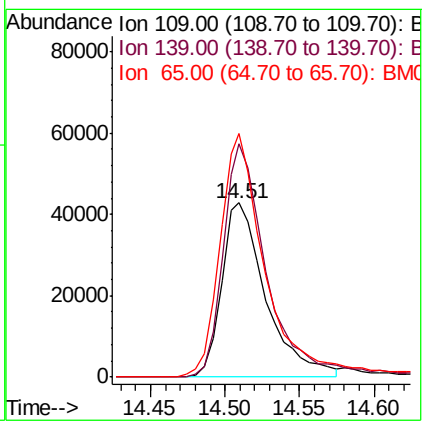


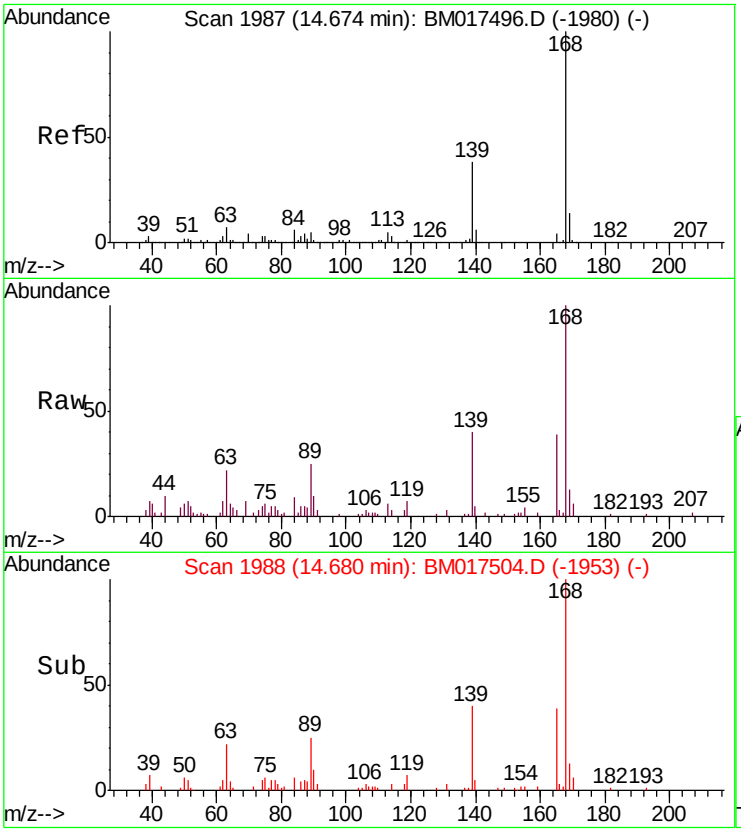


#53
4-Nitrophenol
Concen: 23.618 ng/ul
RT: 14.51 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BM017504.D
Acq: 02 Nov 2018 23:38

Tgt Ion:109 Resp: 88621

Ion	Ratio	Lower	Upper
109	100		
139	133.9	103.4	155.0
65	139.7	101.0	151.6



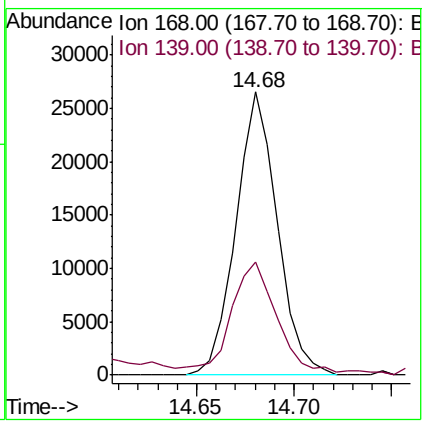


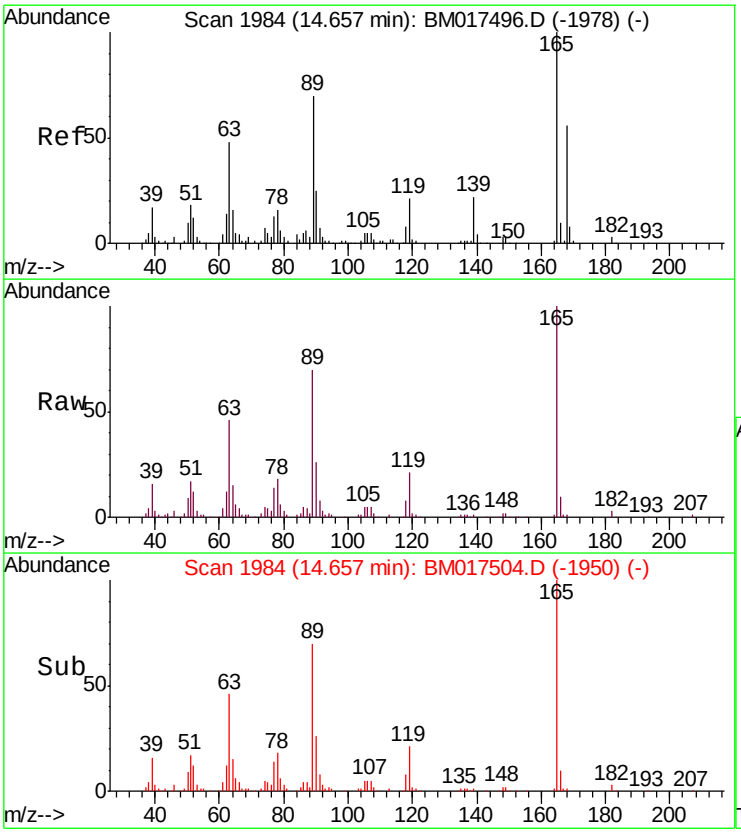
#54
Dibenzofuran
Concen: 1.276 ng/ul
RT: 14.68 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BM017504.D
Acq: 02 Nov 2018 23:38

Instrument :
BNA_M
ClientSampleId :
A40K3MS

Tgt Ion:168 Resp: 39066

Ion	Ratio	Lower	Upper
168	100		
139	39.9	30.1	45.1

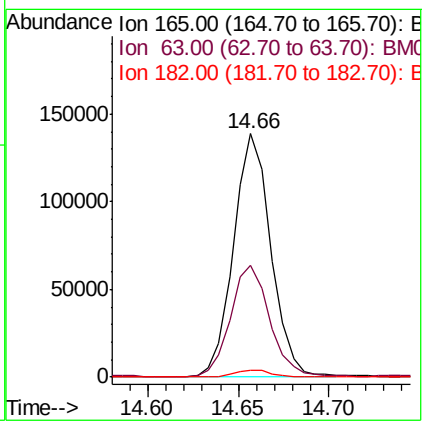


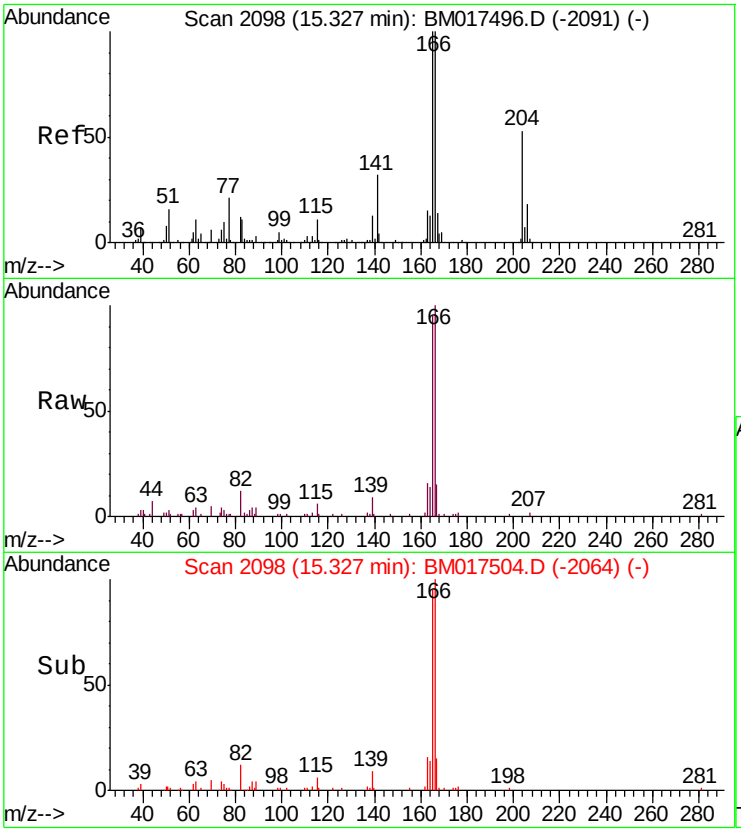


#55
2,4-Dinitrotoluene
Concen: 25.927 ng/ul
RT: 14.66 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BM017504.D
Acq: 02 Nov 2018 23:38

Tgt Ion:165 Resp: 199232

Ion	Ratio	Lower	Upper
165	100		
63	46.1	33.9	50.9
182	2.7	2.2	3.4



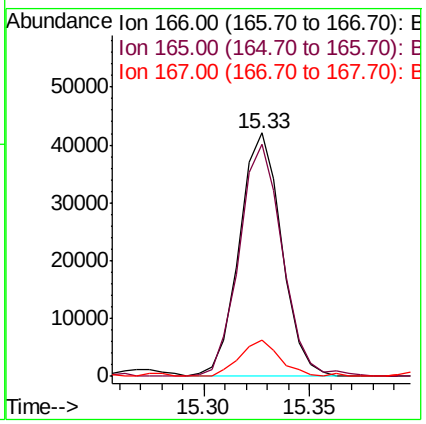


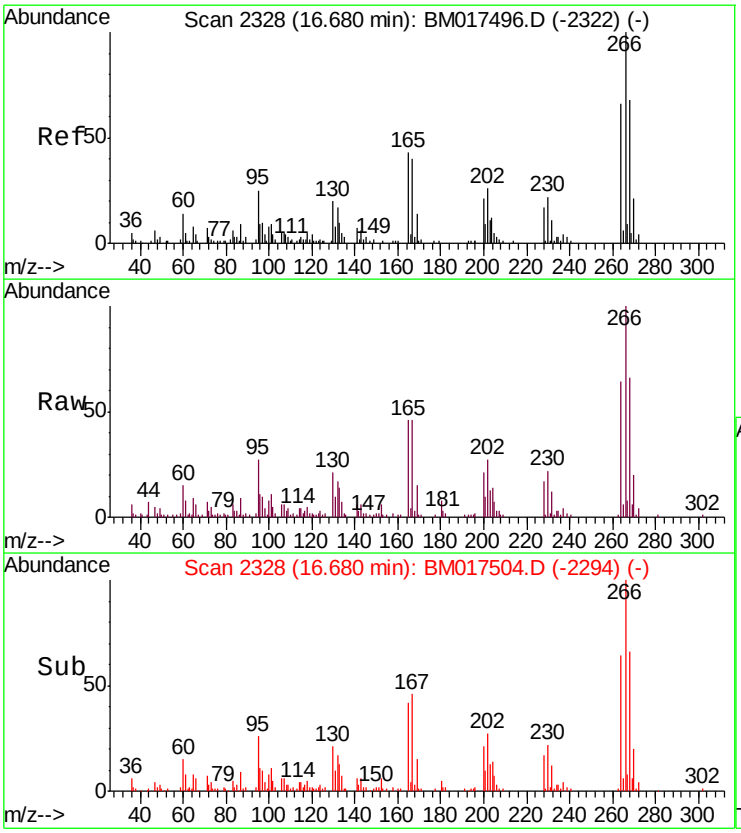
#59
Fluorene
Concen: 2.320 ng/ul
RT: 15.33 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BM017504.D
Acq: 02 Nov 2018 23:38

Instrument :
BNA_M
ClientSampleId :
A40K3MS

Tgt Ion:166 Resp: 58544

Ion	Ratio	Lower	Upper
166	100		
165	95.2	77.5	116.3
167	14.7	10.8	16.2

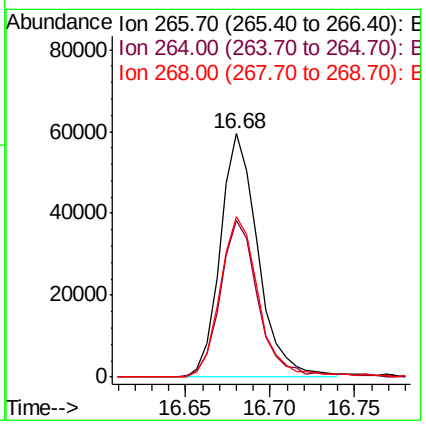


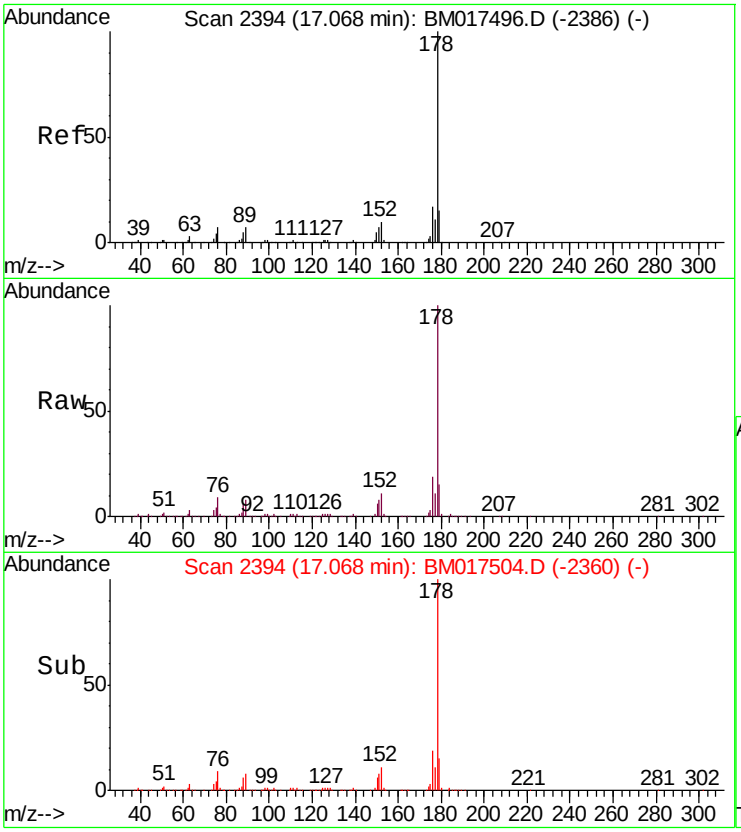


#69
Pentachlorophenol
Concen: 21.268 ng/ul
RT: 16.68 min Scan# 2328
Delta R.T. -0.00 min
Lab File: BM017504.D
Acq: 02 Nov 2018 23:38

Tgt Ion:266 Resp: 92394

Ion	Ratio	Lower	Upper
266	100		
264	64.2	49.2	73.8
268	66.1	50.9	76.3



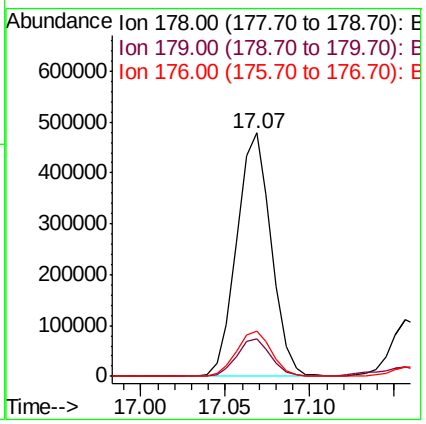


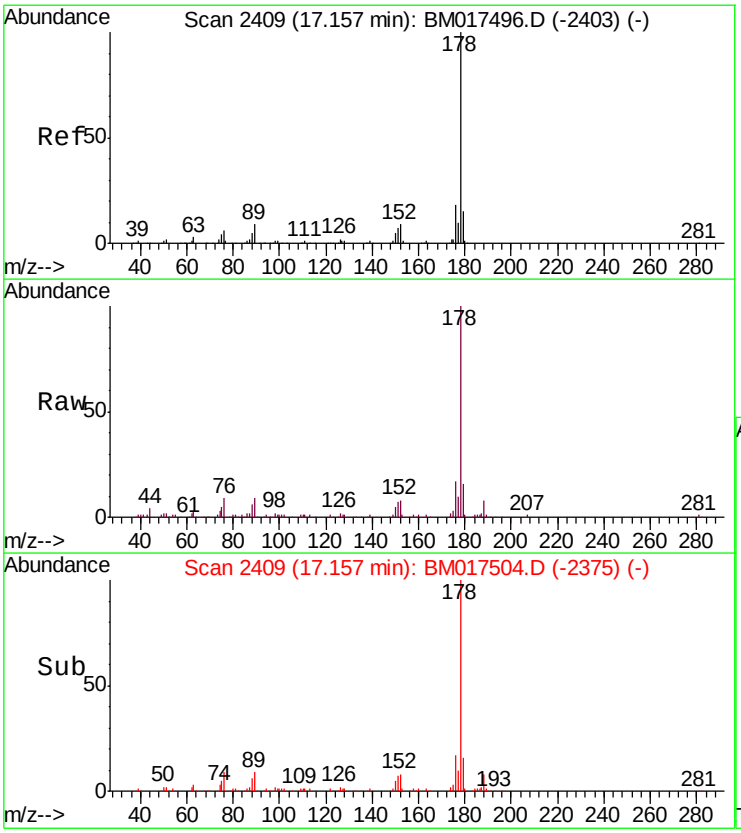
#70
Phenanthrene
Concen: 21.578 ng/ul
RT: 17.07 min Scan# 2394
Delta R.T. -0.00 min
Lab File: BM017504.D
Acq: 02 Nov 2018 23:38

Instrument :
BNA_M
ClientSampleId :
A40K3MS

Tgt Ion:178 Resp: 680363

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	18.6	14.9	22.3

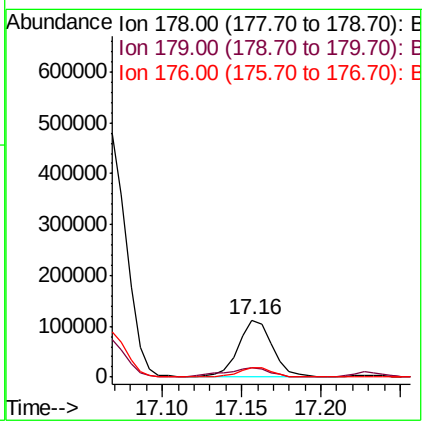


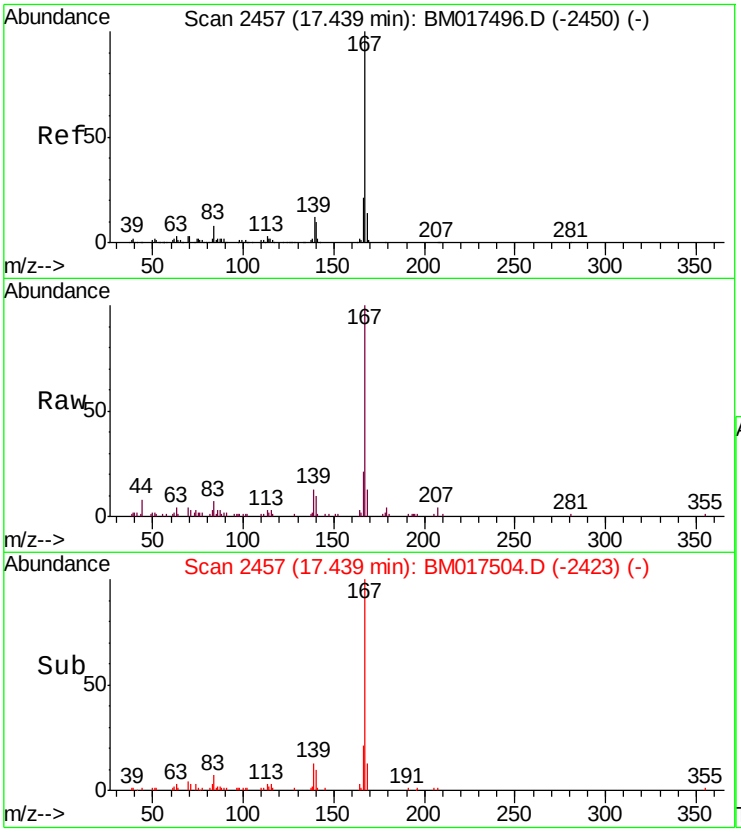


#72
Anthracene
Concen: 5.232 ng/ul
RT: 17.16 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BM017504.D
Acq: 02 Nov 2018 23:38

Tgt Ion:178 Resp: 167555

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.2	18.2
176	17.0	14.2	21.2



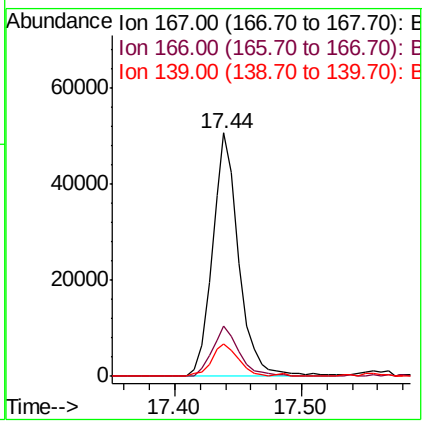


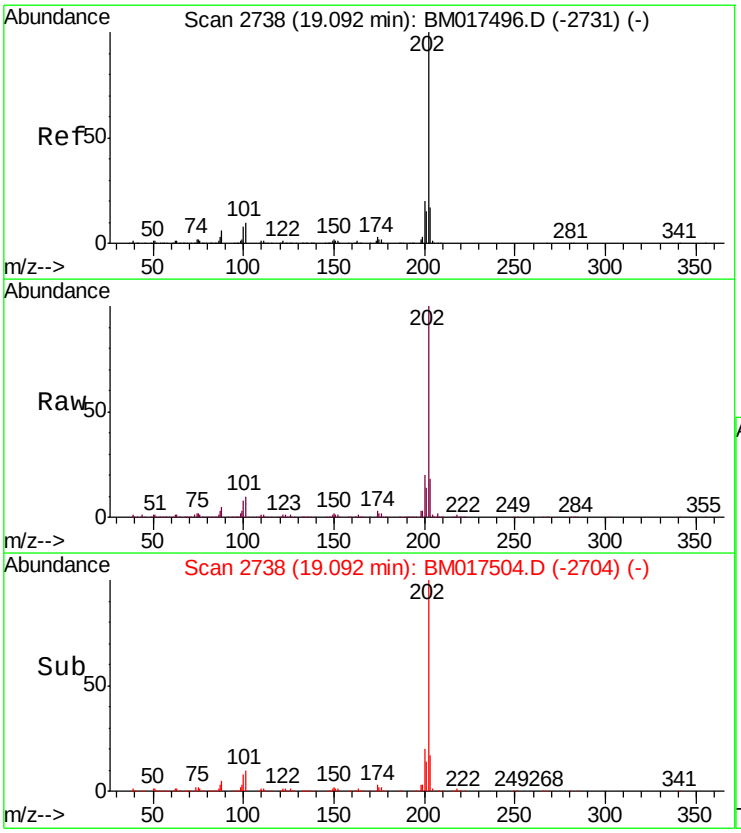
#75
Carbazole
Concen: 2.623 ng/ul
RT: 17.44 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BM017504.D
Acq: 02 Nov 2018 23:38

Instrument :
BNA_M
ClientSampleId :
A40K3MS

Tgt Ion:167 Resp: 73451

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.5	26.3
139	13.4	10.0	15.0

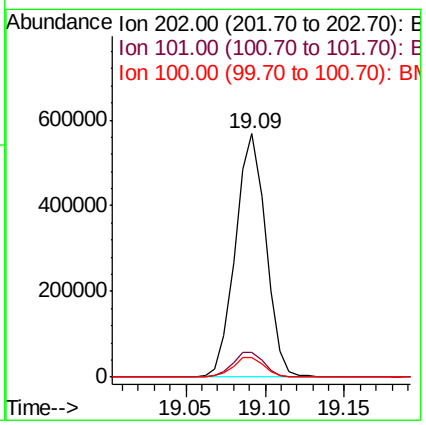


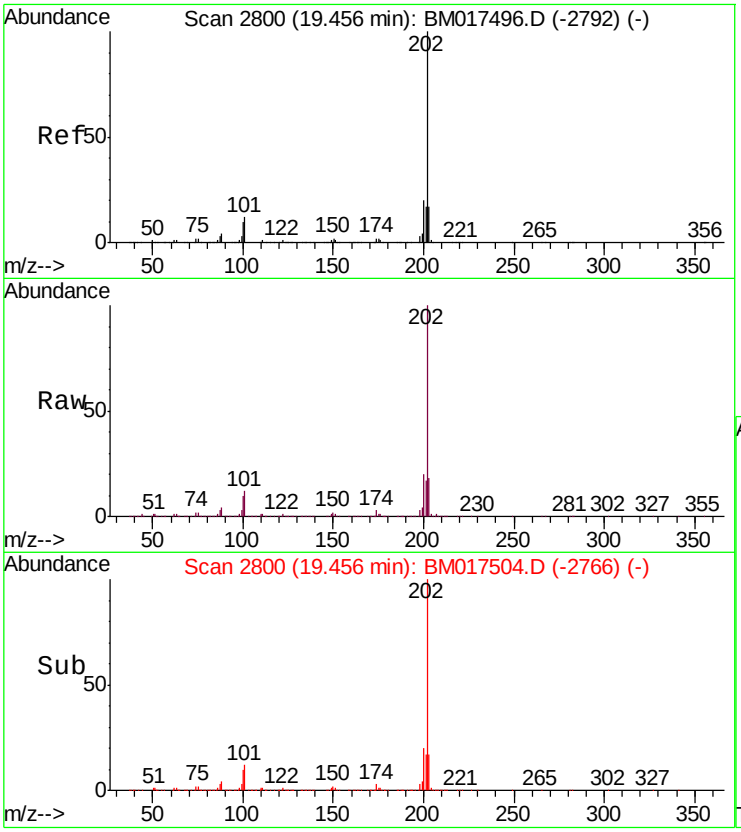


#77
Fluoranthene
Concen: 20.952 ng/ul
RT: 19.09 min Scan# 2738
Delta R.T. -0.00 min
Lab File: BM017504.D
Acq: 02 Nov 2018 23:38

Tgt Ion:202 Resp: 757229

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.2	12.4
100	8.0	6.3	9.5



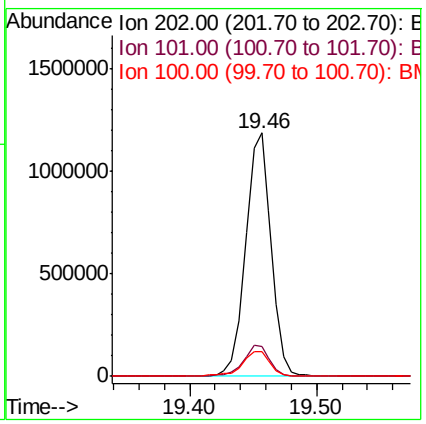


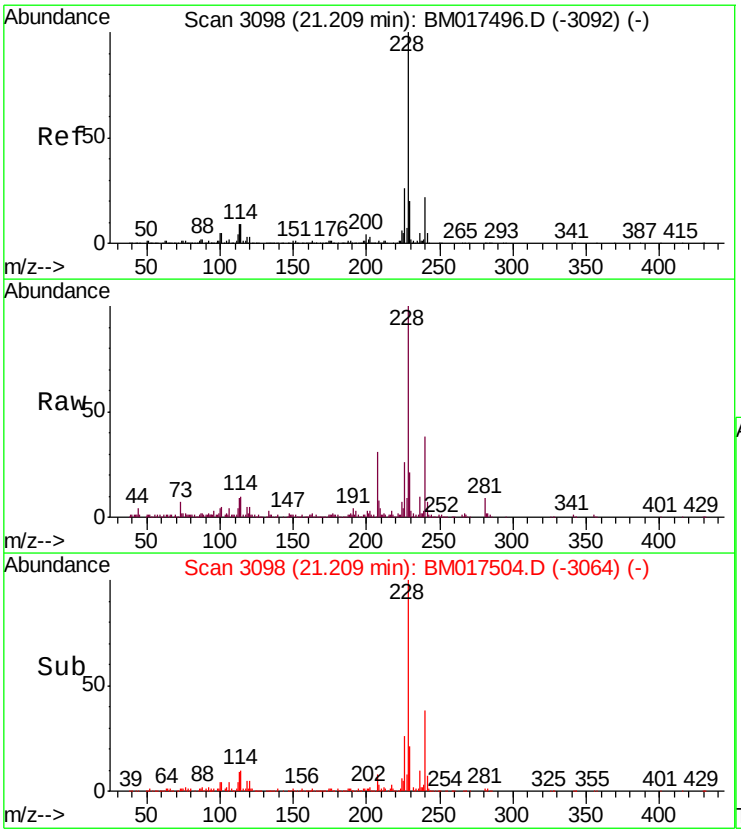
#80
Pyrene
Concen: 74.177 ng/ul
RT: 19.46 min Scan# 2800
Delta R.T. -0.00 min
Lab File: BM017504.D
Acq: 02 Nov 2018 23:38

Instrument :
BNA_M
ClientSampleId :
A40K3MS

Tgt Ion:202 Resp: 1656648

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.5	14.3
100	10.2	8.1	12.1

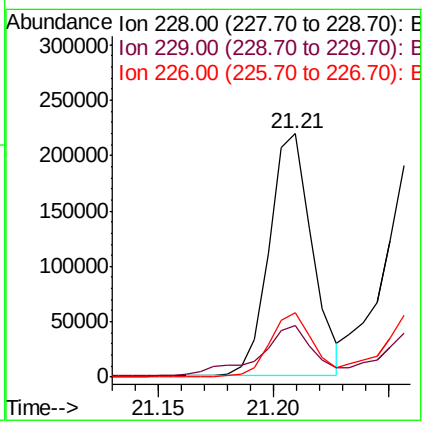


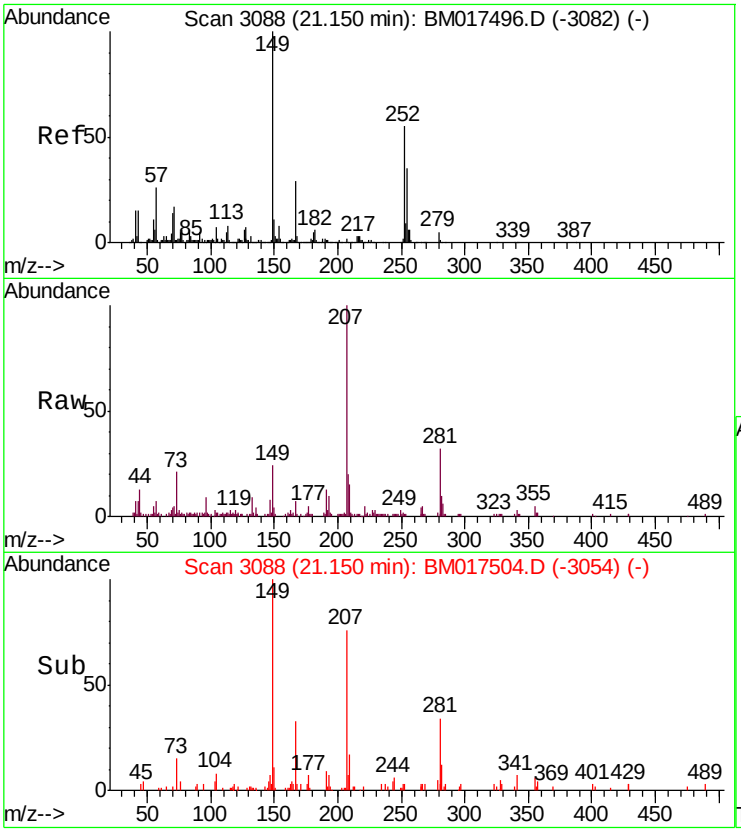


#83
Benzo(a)anthracene
Concen: 12.040 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM017504.D
Acq: 02 Nov 2018 23:38

Tgt Ion:228 Resp: 283363

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.6	23.4
226	26.5	20.8	31.2



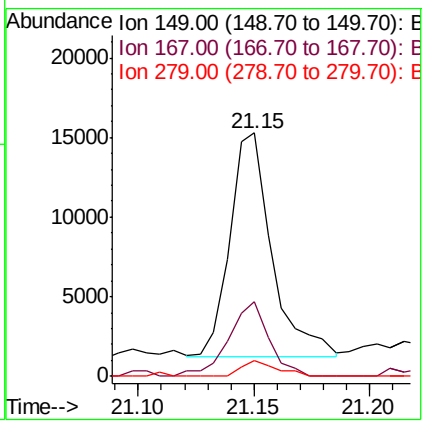


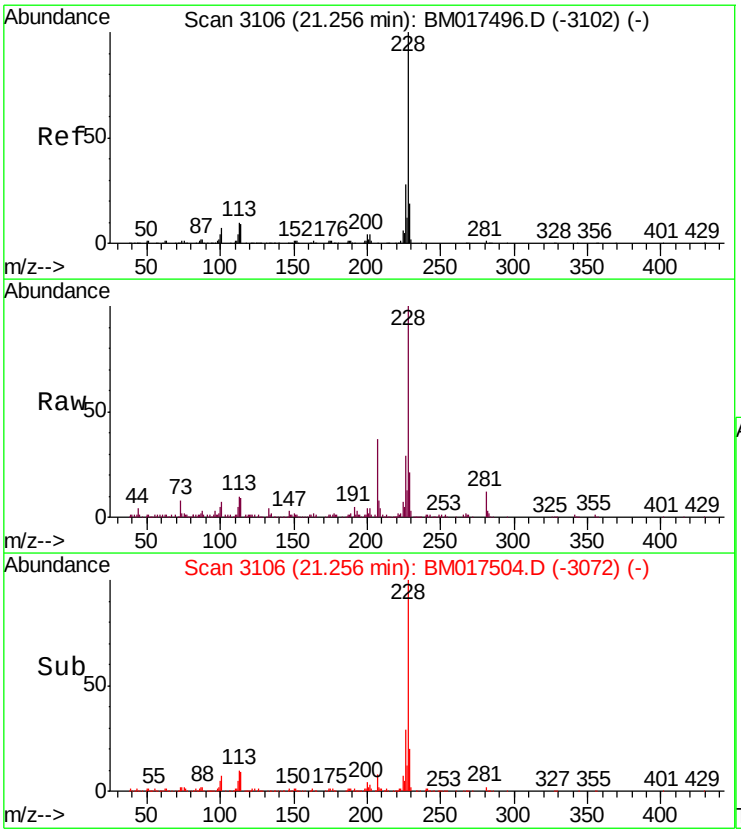
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.372 ng/ul
RT: 21.15 min Scan# 3088
Delta R.T. -0.00 min
Lab File: BM017504.D
Acq: 02 Nov 2018 23:38

Instrument :
BNA_M
ClientSampleId :
A40K3MS

Tgt Ion:149 Resp: 17881

Ion	Ratio	Lower	Upper
149	100		
167	30.6	23.0	34.6
279	6.4	4.1	6.1#

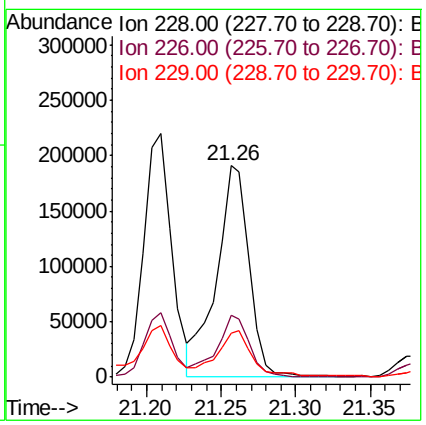


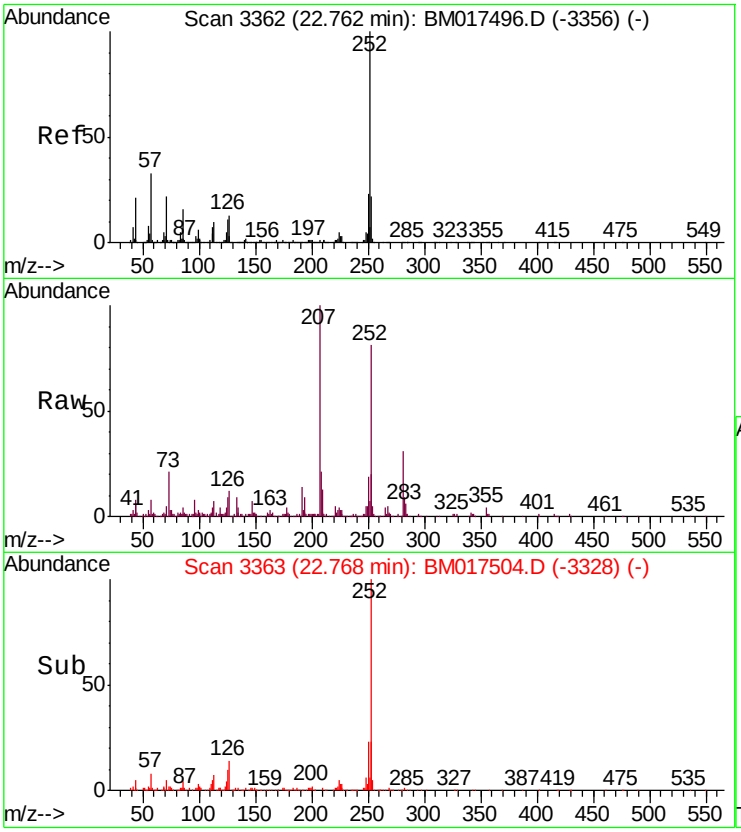


#85
Chrysene
Concen: 13.138 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM017504.D
Acq: 02 Nov 2018 23:38

Tgt Ion:228 Resp: 294034

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.3	34.9
229	20.7	15.6	23.4



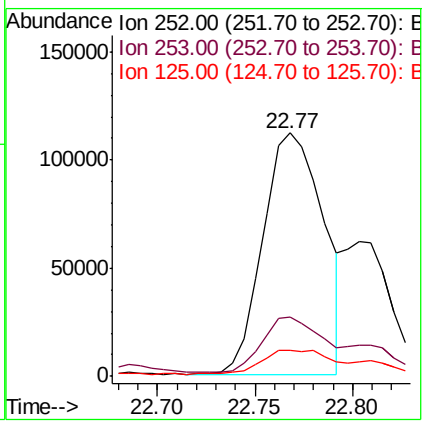


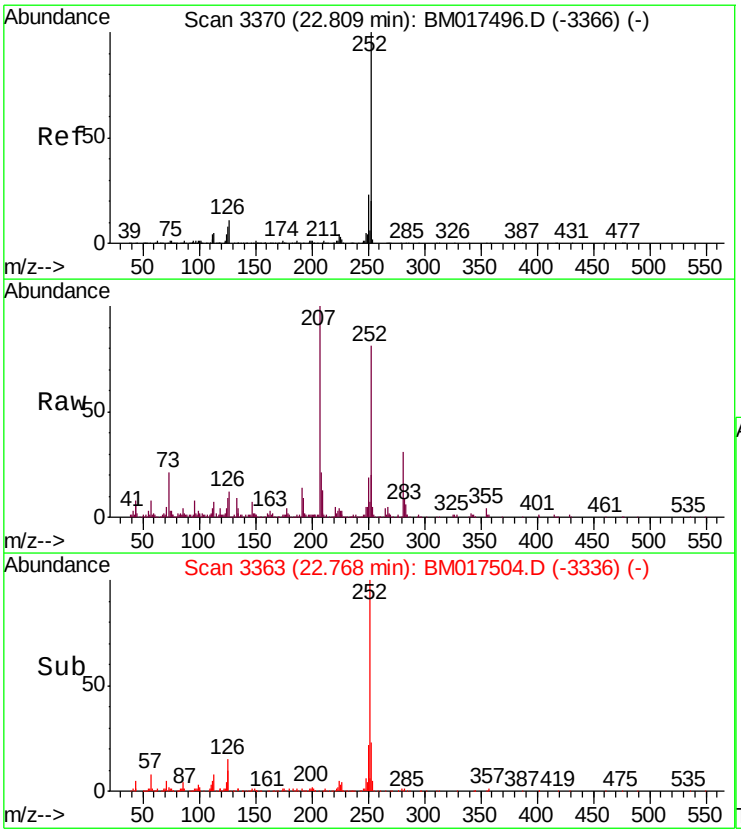
#88
Benzo(b)fluoranthene
Concen: 11.699 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BM017504.D
Acq: 02 Nov 2018 23:38

Instrument :
BNA_M
ClientSampleId :
A40K3MS

Tgt Ion:252 Resp: 239439

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.6	26.4
125	10.9	7.2	10.8#

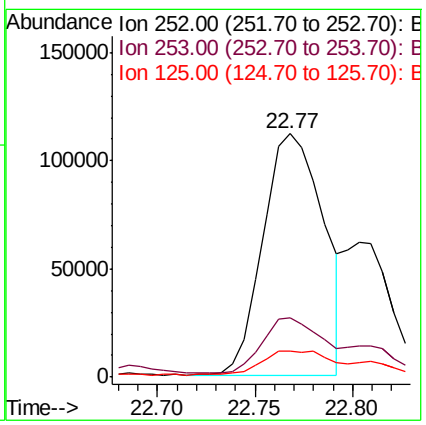


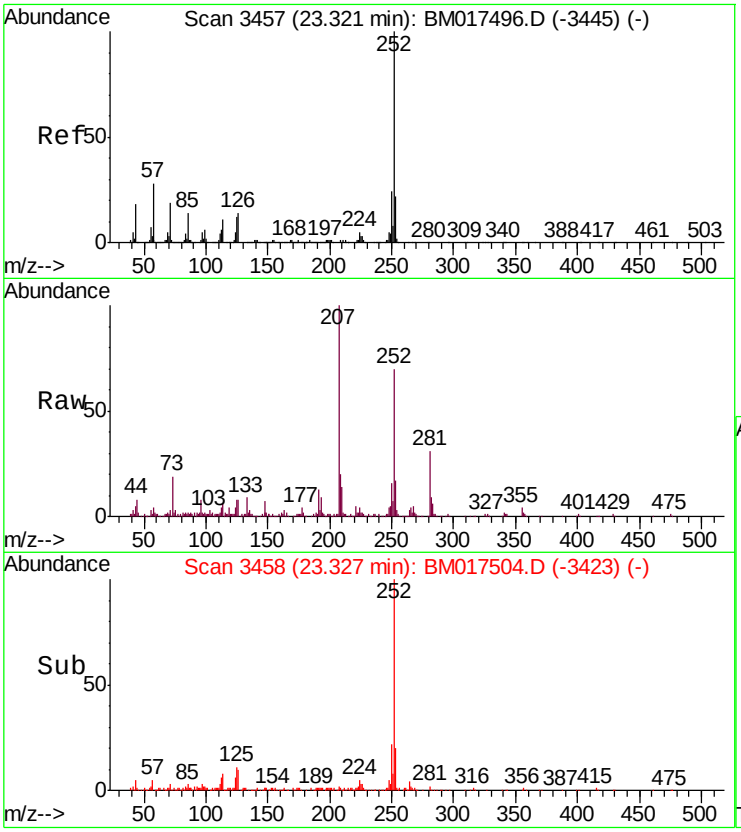


#89
Benzo(k)fluoranthene
Concen: 11.977 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. -0.04 min
Lab File: BM017504.D
Acq: 02 Nov 2018 23:38

Tgt Ion:252 Resp: 239439

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.7	26.5
125	10.9	7.8	11.6



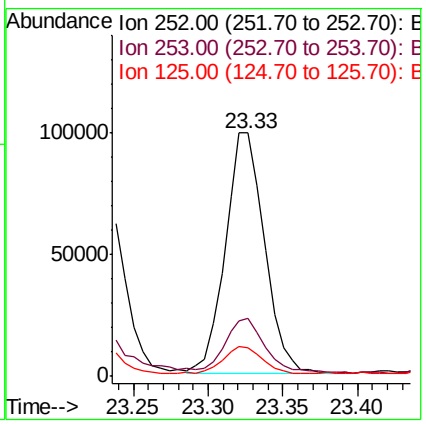


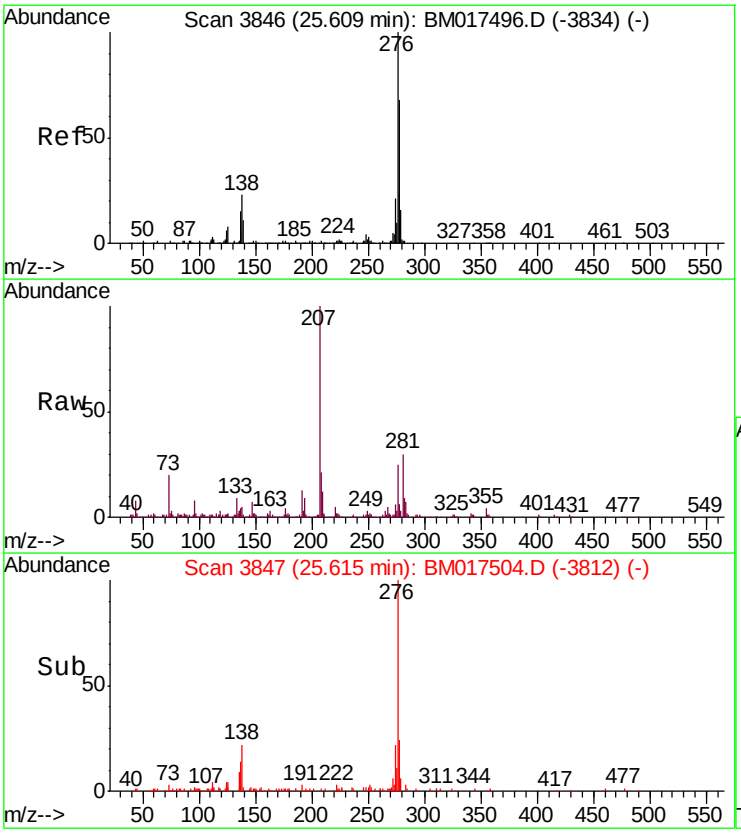
#91
Benzo(a)pyrene
Concen: 9.087 ng/ul
RT: 23.33 min Scan# 3458
Delta R.T. 0.01 min
Lab File: BM017504.D
Acq: 02 Nov 2018 23:38

Instrument :
BNA_M
ClientSampleId :
A40K3MS

Tgt Ion:252 Resp: 181694

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.6	26.4
125	11.5	8.3	12.5

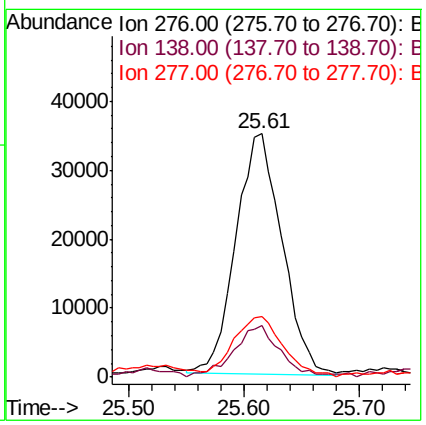


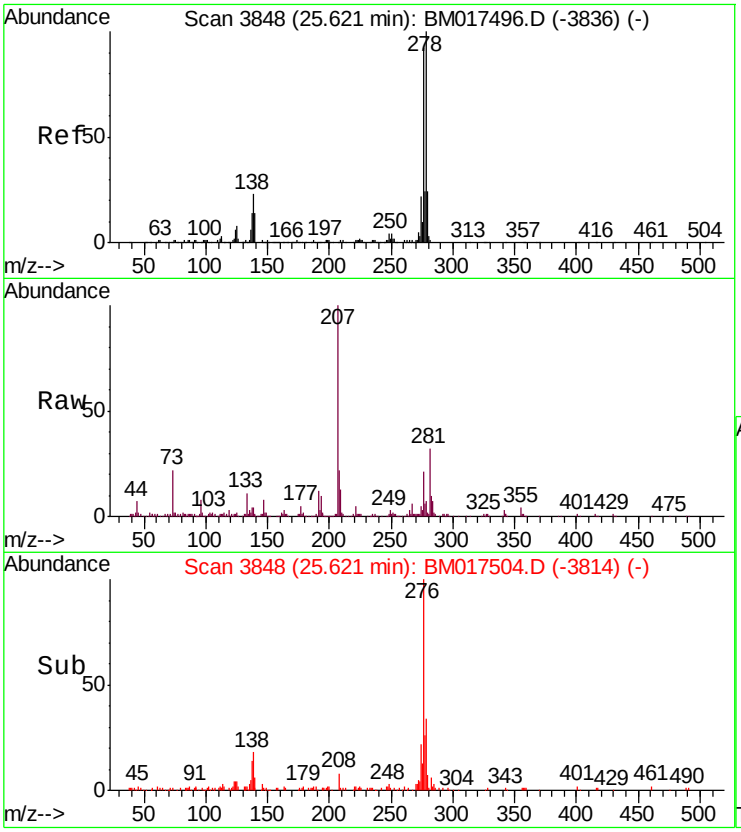


#92
Indeno(1,2,3-cd)pyrene
Concen: 3.965 ng/ul
RT: 25.61 min Scan# 3847
Delta R.T. 0.01 min
Lab File: BM017504.D
Acq: 02 Nov 2018 23:38

Tgt Ion:276 Resp: 96452

Ion	Ratio	Lower	Upper
276	100		
138	21.4	18.1	27.1
277	24.7	19.6	29.4



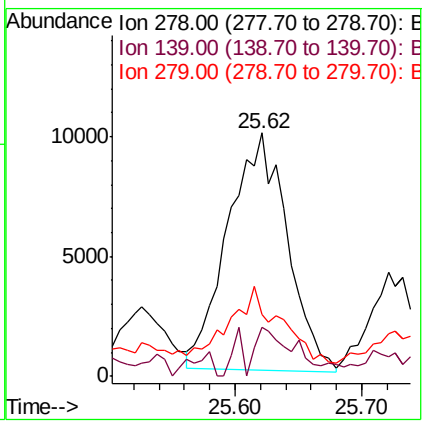


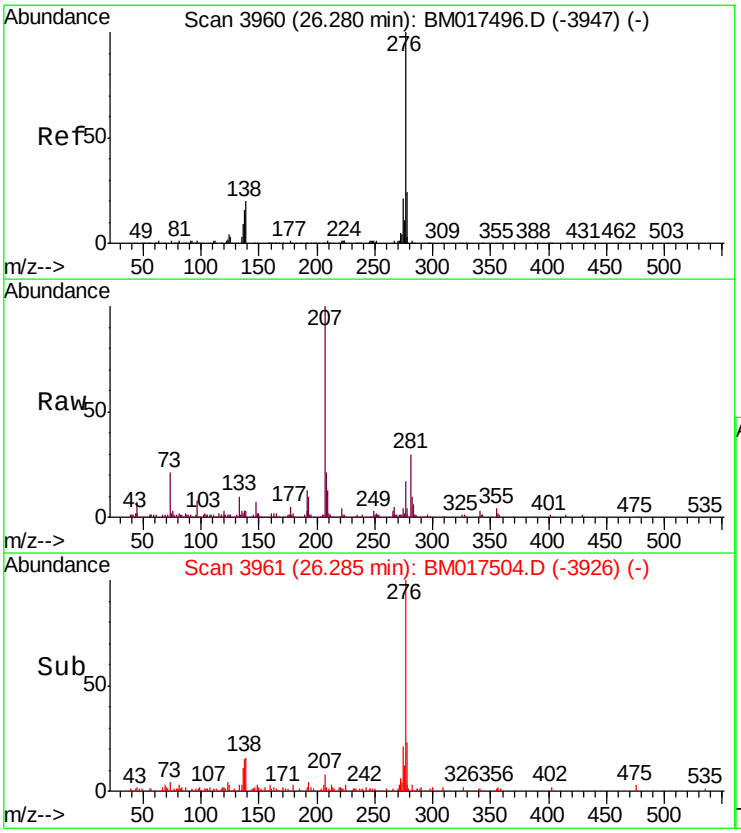
#93
Dibenzo(a,h)anthracene
Concen: 1.585 ng/ul
RT: 25.62 min Scan# 3848
Delta R.T. -0.00 min
Lab File: BM017504.D
Acq: 02 Nov 2018 23:38

Instrument :
BNA_M
ClientSampleId :
A40K3MS

Tgt Ion:278 Resp: 32195

Ion	Ratio	Lower	Upper
278	100		
139	20.2	12.7	19.1#
279	25.5	19.0	28.4





#94
Benzo(g,h,i)perylene
Concen: 3.918 ng/ul
RT: 26.29 min Scan# 3961
Delta R.T. 0.01 min
Lab File: BM017504.D
Acq: 02 Nov 2018 23:38

Tgt Ion:276 Resp: 80977

Ion	Ratio	Lower	Upper
276	100		
138	18.4	16.6	25.0
277	23.4	18.9	28.3