Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012488.D
Acq On : 27 Oct 2017 16:07
Operator : SJ/JU
Sample : I5873-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 28 00:18:14 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	446059	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1650861	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	924610	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	2094292	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	2769170	20.00	ng/ul	0.02
83) Perylene-d12	23.76	264	3029640	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	45939	5.26	ng/uL	0.00
5) Phenol-d5	7.06	99	892550	23.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	552616	24.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	736299	26.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	683705	21.47	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	339138	32.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	360076	33.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	722794	25.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	30163	1.01	ng/ul	-0.01
43) Dimethylphthalate-d6	13.92	166	2052395	25.41	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	2568034	26.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	262595	21.87	ng/ul	0.01
57) Fluorene-d10	15.51	176	1745488	25.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	40966	4.04	ng/ul	0.01
70) Anthracene-d10	17.36	188	2559288	25.64	ng/ul	0.00
76) Pyrene-d10	19.65	212	3132083	24.65	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.61	264	3312303	23.01	ng/ul	0.03
Target Compounds						Qvalue
4) Benzaldehyde	7.03	77	102586	5.06	ng/ul#	1
6) Phenol	7.08	94	174200	4.49	ng/ul	90
11) 2-Methylphenol	8.33	108	116702	3.99	ng/ul	96
14) Acetophenone	8.69	105	492839	9.85	ng/ul#	42
16) 4-Methylphenol	8.65	108	188601	5.89	ng/ul	94
24) 2,4-Dimethylphenol	9.85	107	158042	4.75	ng/ul	90
28) Naphthalene	10.73	128	707012	8.64	ng/ul	98
34) 2-Methylnaphthalene	12.34	142	251895	3.79	ng/ul	97
40) 1,1'-Biphenyl	13.34	154	84216	1.14	ng/ul#	97
44) Dimethylphthalate	13.97	163	95741	1.20	ng/ul#	97
47) Acenaphthylene	14.23	152	182703	2.00	ng/ul#	93
49) Acenaphthene	14.57	153	115214	1.84	ng/ul	98
53) Dibenzofuran	14.91	168	208428	2.26	ng/ul	96
58) Fluorene	15.56	166	240523	3.08	ng/ul#	90
67) Atrazine	16.86	200	870159	33.25	ng/ul#	59
69) Phenanthrene	17.30	178	3678939	32.48	ng/ul	99
71) Anthracene	17.30	178	3678939	31.43	ng/ul	98
72) Carbazole	17.66	167	129313	1.33	ng/ul#	79
73) Di-n-butylphthalate	18.32	149	887837	7.18	ng/ul#	63
74) Fluoranthene	19.32	202	4840709	37.72	ng/ul#	93
77) Pyrene	19.68	202	4107848	26.09	ng/ul#	91
80) Benzo(a)anthracene	21.43	228	1787052	10.78	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.34	149	3532711	37.43	ng/ul#	47

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012488.D
Acq On : 27 Oct 2017 16:07
Operator : SJ/JU
Sample : I5873-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 28 00:18:14 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Chrysene	21.48	228	2431416	16.49	ng/ul	96
84) Di-n-octyl phthalate	22.26	149	222125	1.41	ng/ul#	1
85) Benzo(b)fluoranthene	23.06	252	3066103	16.37	ng/ul#	94
86) Benzo(k)fluoranthene	23.06	252	3066103	17.39	ng/ul#	93
88) Benzo(a)pyrene	23.66	252	1177250	6.59	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	26.11	276	1446724	6.88	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.12	278	403020	2.26	ng/ul#	76
91) Benzo(g,h,i)perylene	26.84	276	1150337	6.75	ng/ul#	90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
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Instrument :
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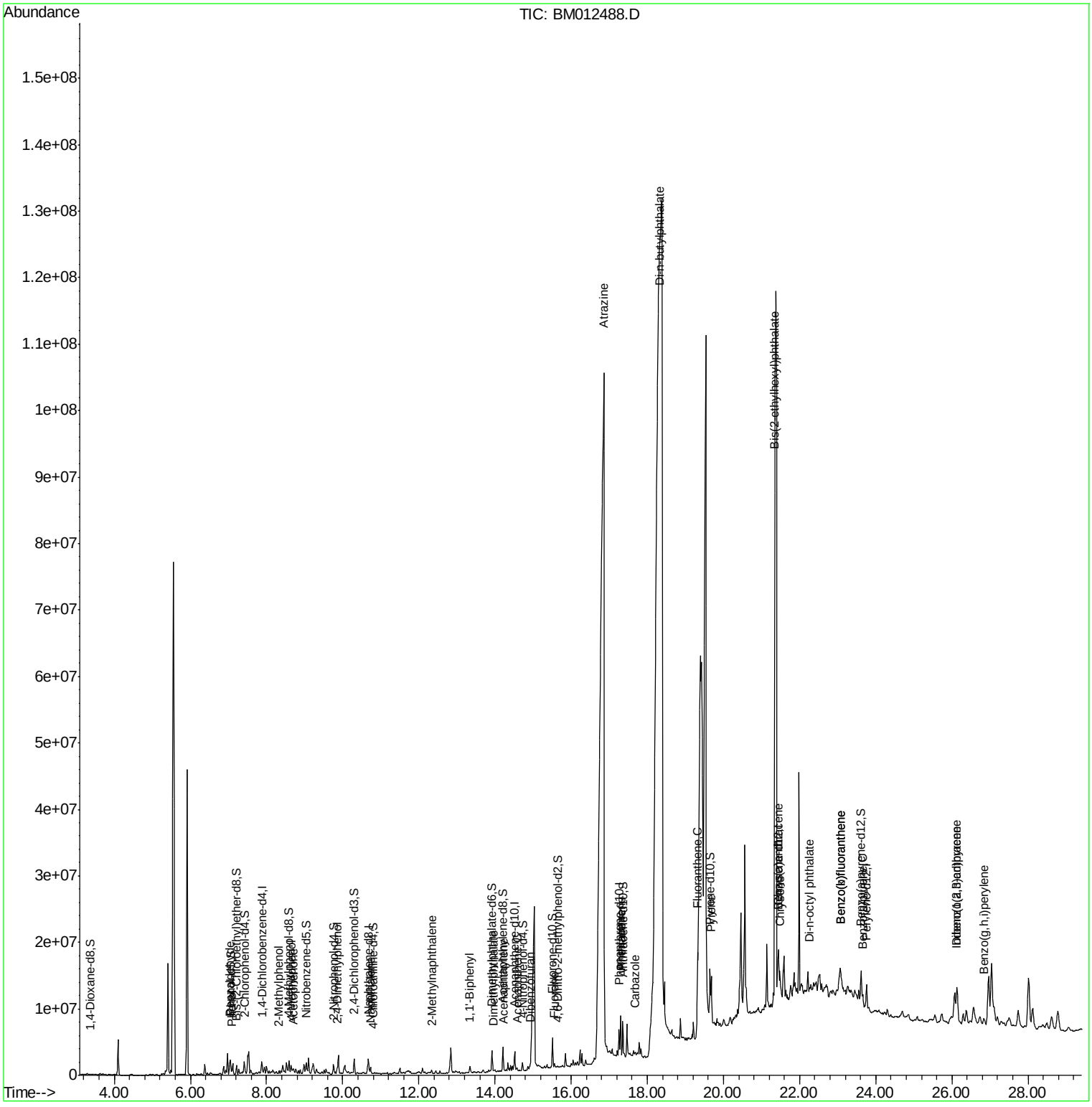
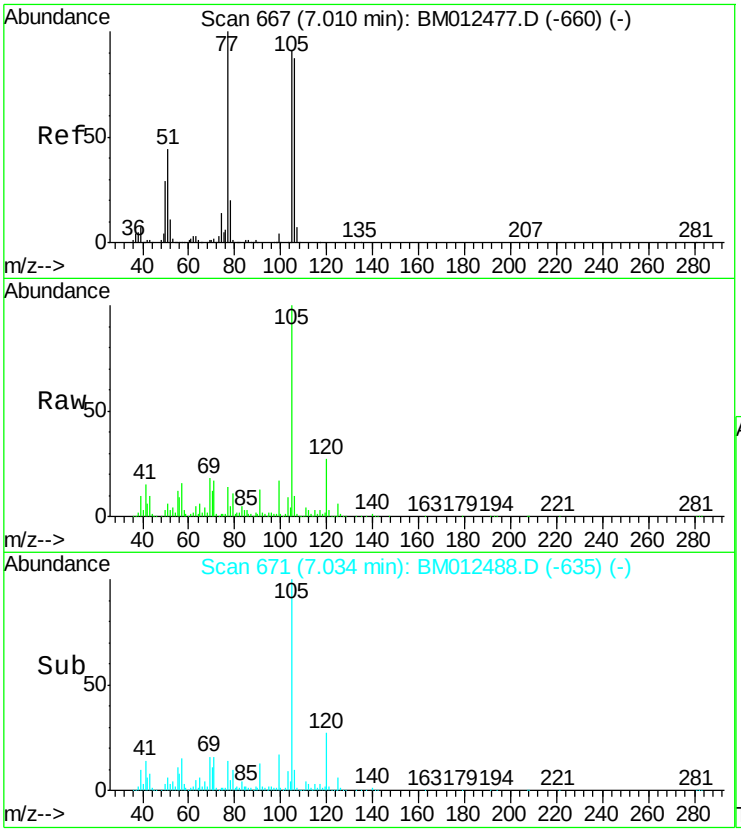
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration



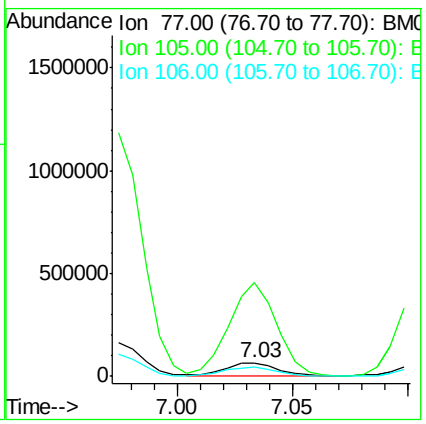


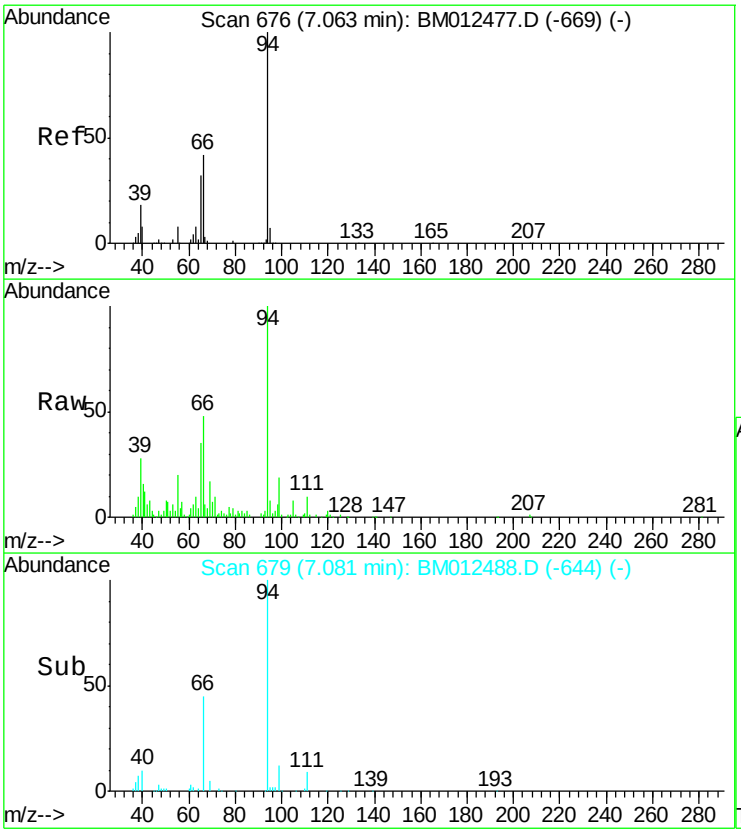
#4
Benzaldehyde
Concen: 5.06 ng/ul
RT: 7.03 min Scan# 671
Delta R.T. 0.01 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 102586

Ion	Ratio	Lower	Upper
77	100		
105	699.2	66.1	99.1#
106	68.0	67.8	101.6

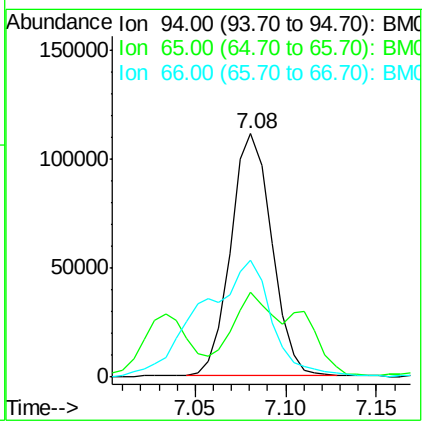


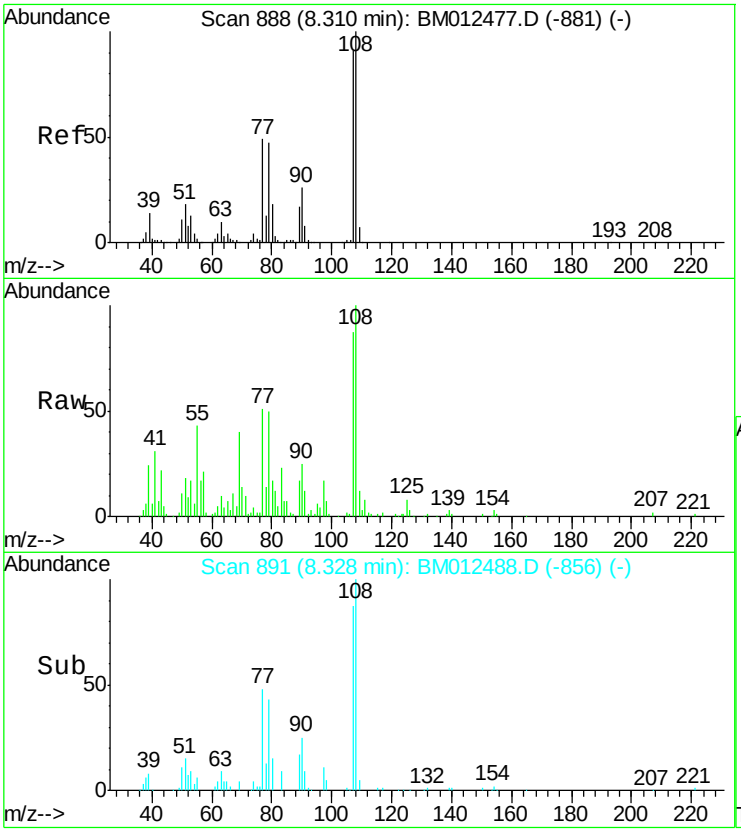


#6
Phenol
Concen: 4.49 ng/ul
RT: 7.08 min Scan# 679
Delta R.T. 0.01 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Tgt Ion: 94 Resp: 174200

Ion	Ratio	Lower	Upper
94	100		
65	34.6	28.2	42.4
66	47.9	47.2	70.8



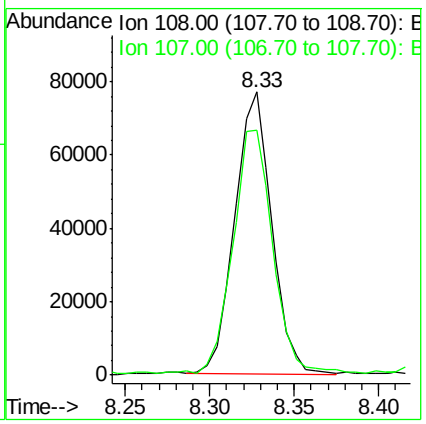


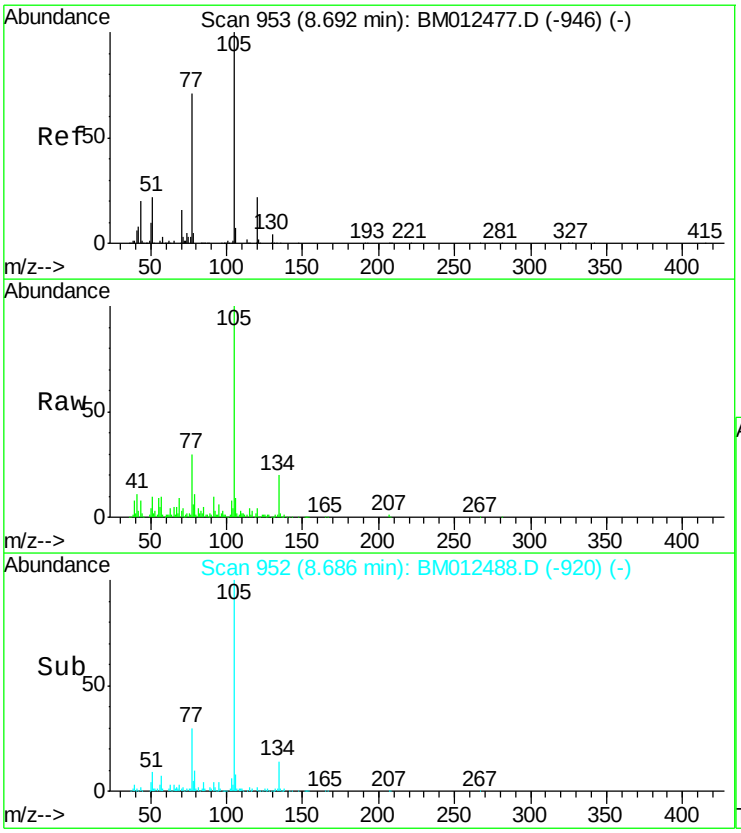
#11
2-Methylphenol
Concen: 3.99 ng/ul
RT: 8.33 min Scan# 891
Delta R.T. 0.01 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 116702

Ion	Ratio	Lower	Upper
108	100		
107	86.6	72.6	108.8

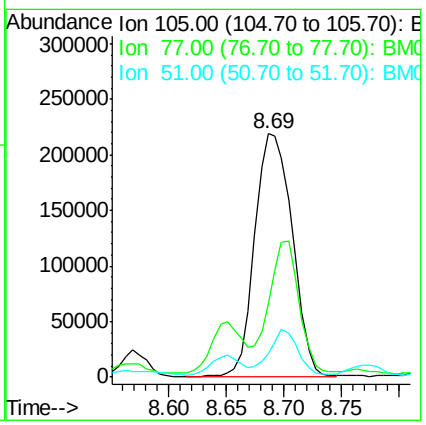


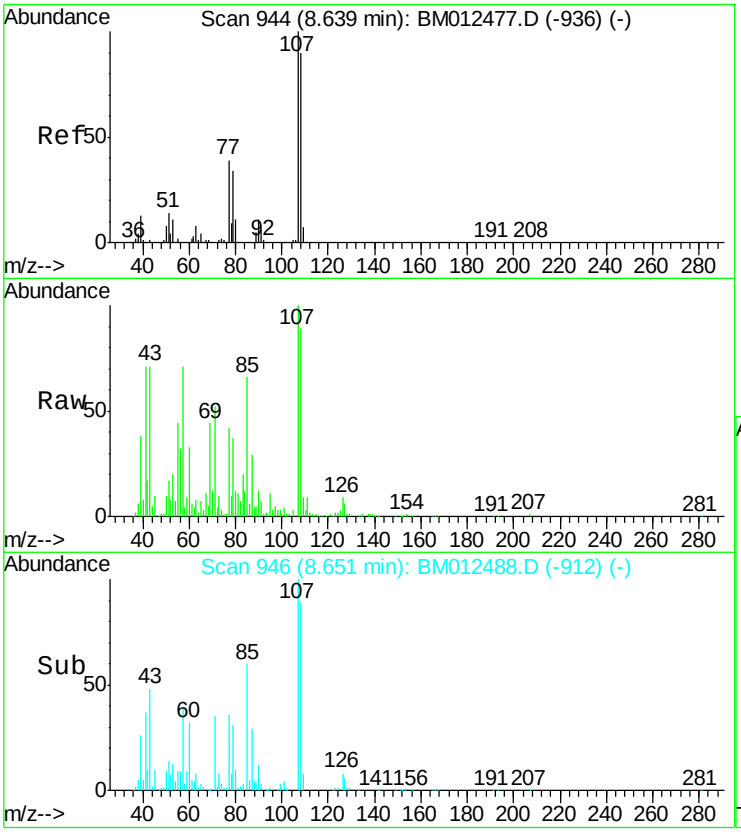


#14
Acetophenone
Concen: 9.85 ng/ul
RT: 8.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Tgt Ion:105 Resp: 492839

Ion	Ratio	Lower	Upper
105	100		
77	30.3	74.2	111.4#
51	9.9	23.4	35.2#



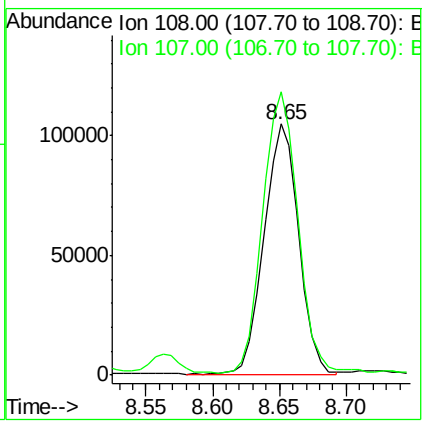


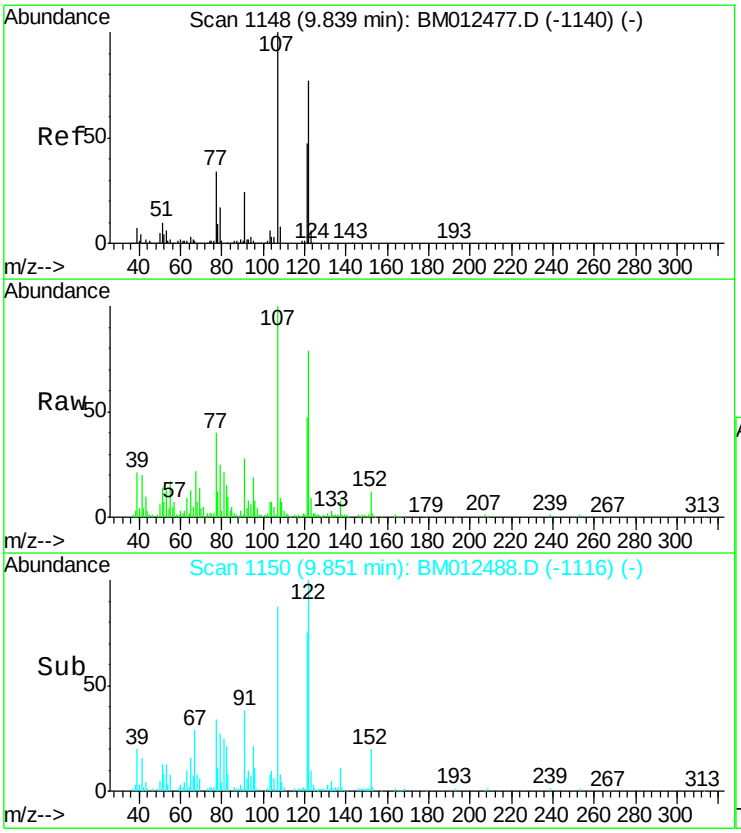
#16
4-Methylphenol
Concen: 5.89 ng/ul
RT: 8.65 min Scan# 946
Delta R.T. -0.00 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 188601

Ion	Ratio	Lower	Upper
108	100		
107	112.8	84.9	127.3

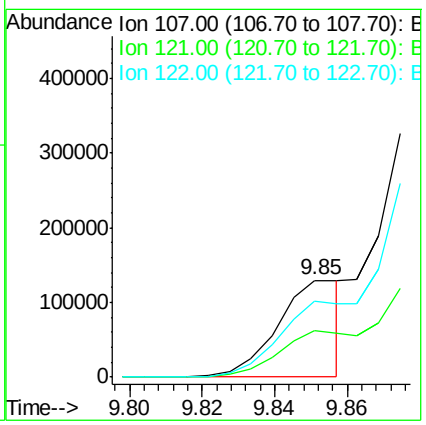


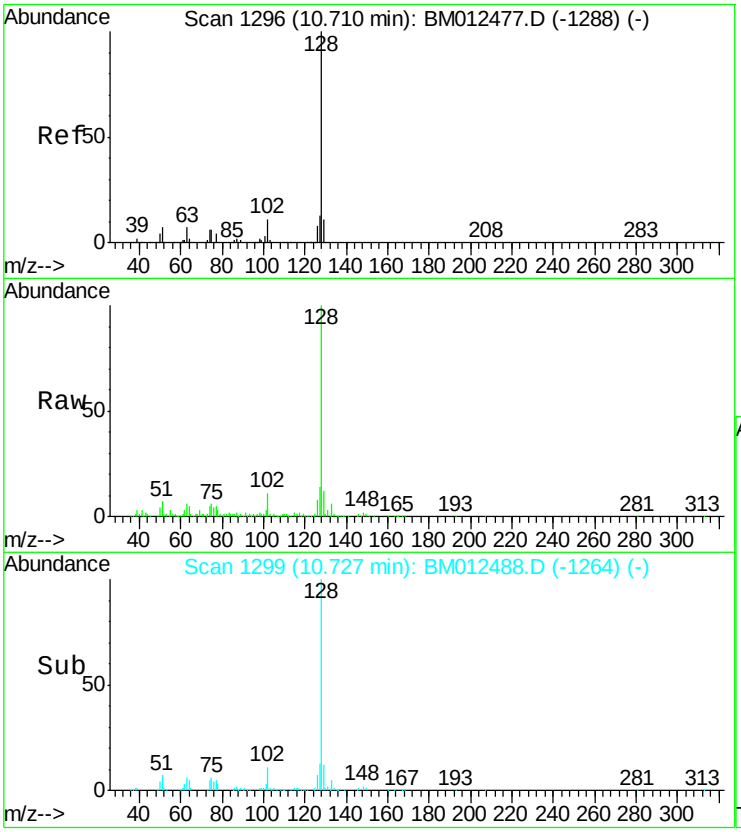


#24
2,4-Dimethylphenol
Concen: 4.75 ng/ul
RT: 9.85 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Tgt Ion:107 Resp: 158042

Ion	Ratio	Lower	Upper
107	100		
121	47.5	31.9	47.9
122	79.0	57.8	86.6



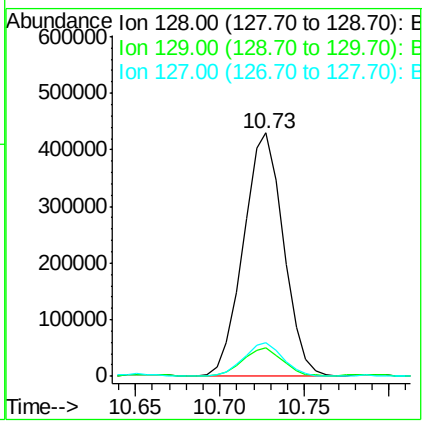


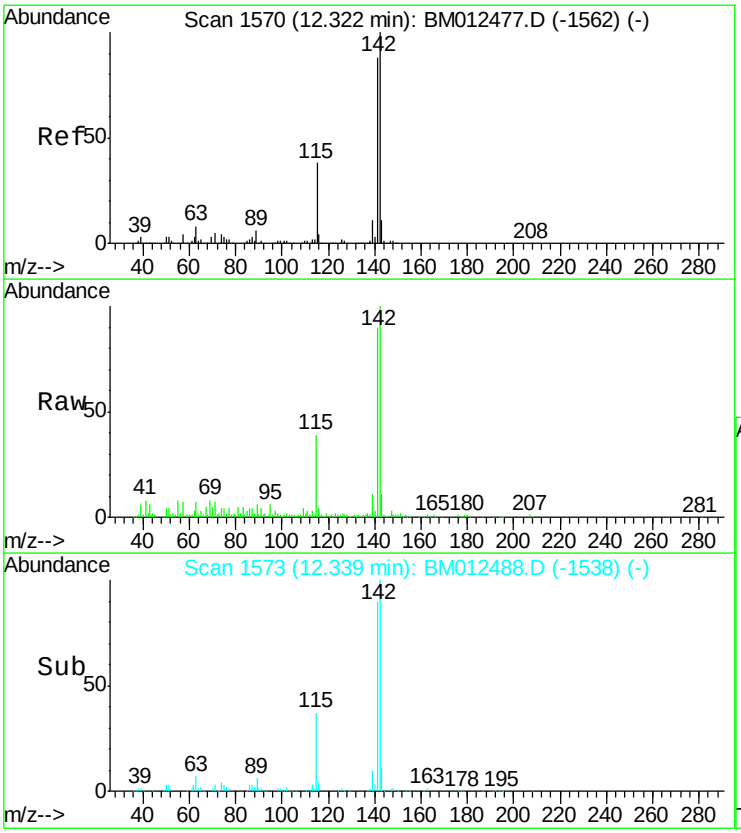
#28
Naphthalene
Concen: 8.64 ng/ul
RT: 10.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 707012

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	13.7	10.6	16.0

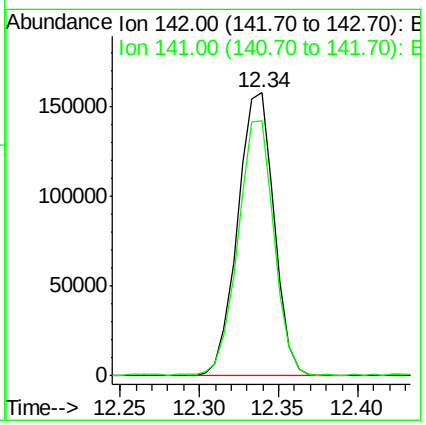


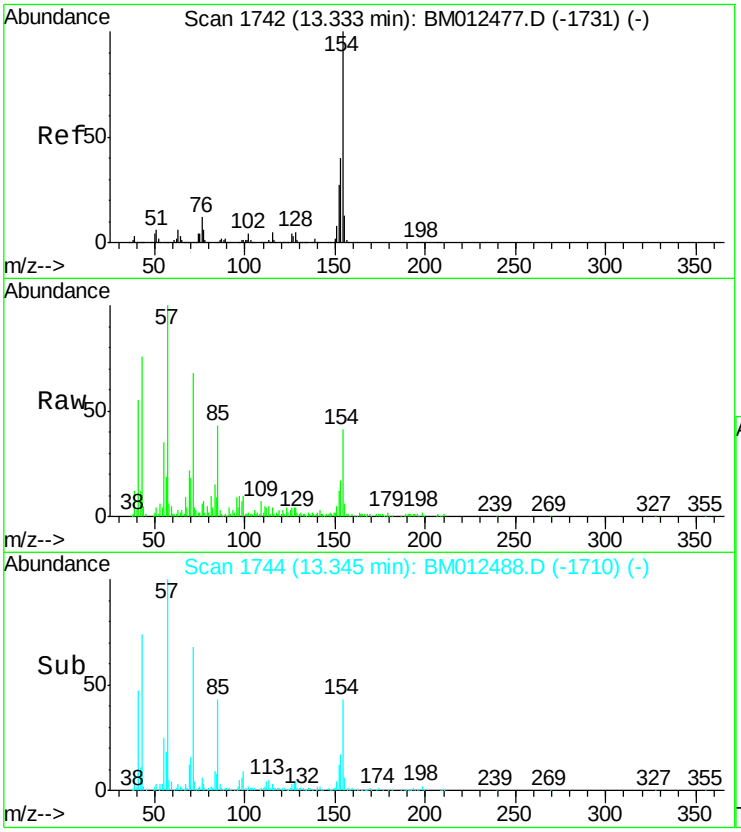


#34
2-Methylnaphthalene
Concen: 3.79 ng/ul
RT: 12.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Tgt Ion:142 Resp: 251895

Ion	Ratio	Lower	Upper
142	100		
141	90.2	74.1	111.1



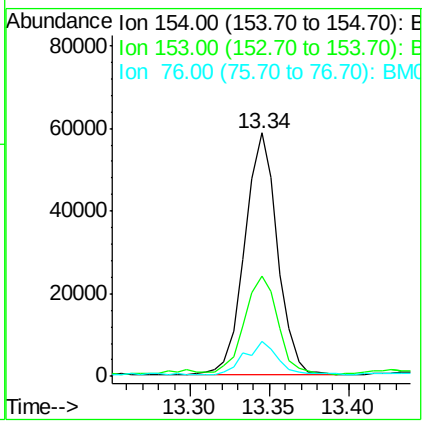


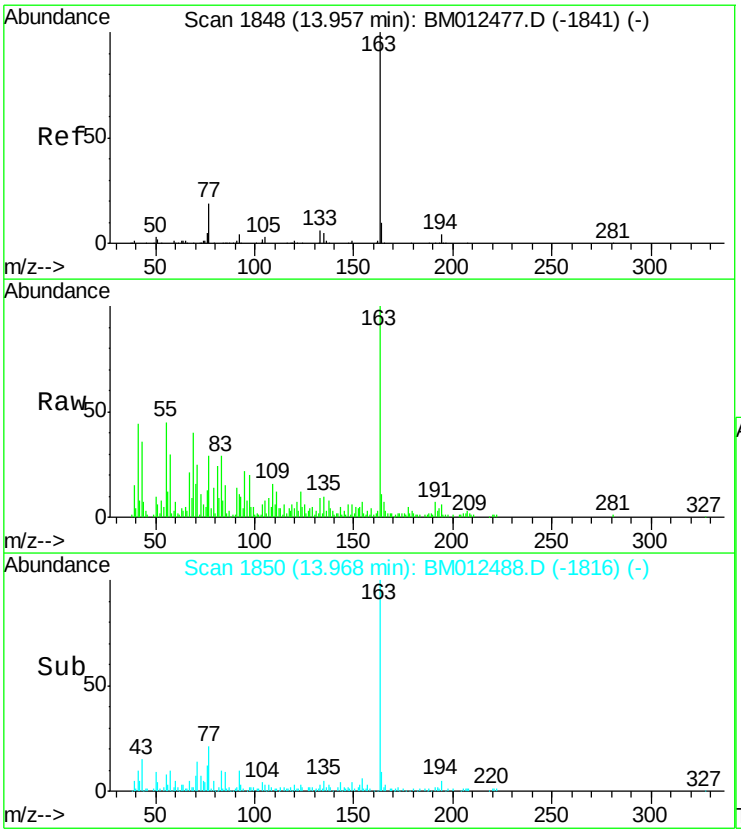
#40
1,1'-Biphenyl
Concen: 1.14 ng/ul
RT: 13.34 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 84216

Ion	Ratio	Lower	Upper
154	100		
153	41.3	32.6	48.8
76	14.5	8.5	12.7#

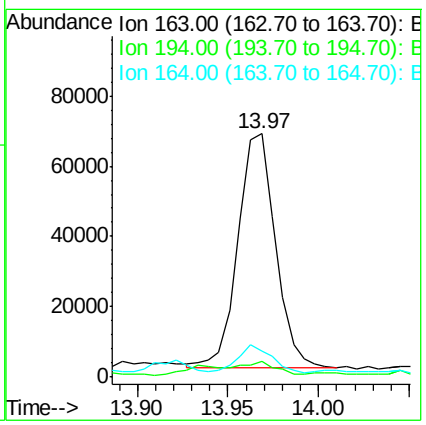


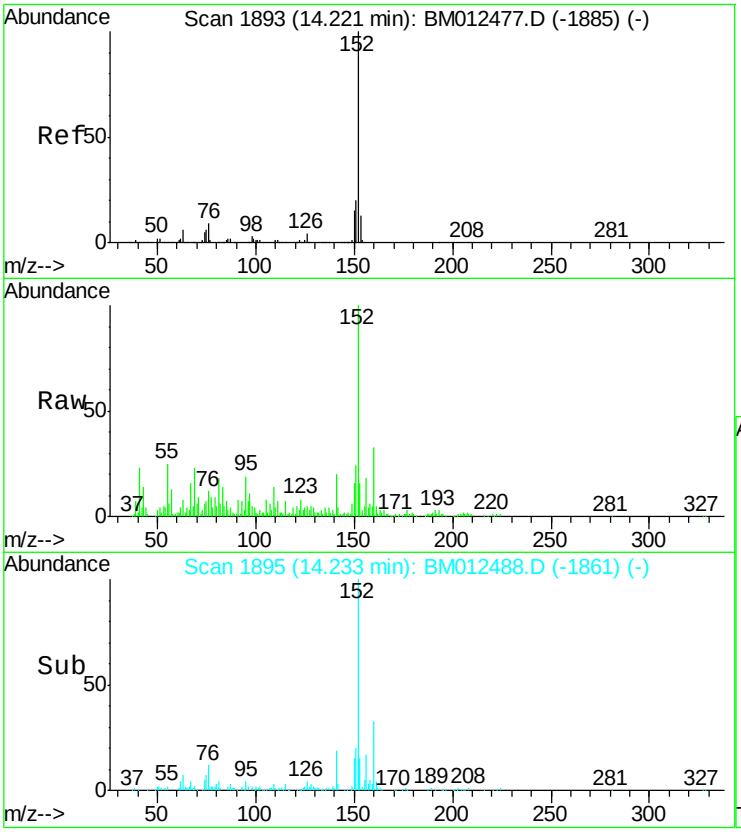


#44
Dimethylphthalate
Concen: 1.20 ng/ul
RT: 13.97 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Tgt Ion:163 Resp: 95741

Ion	Ratio	Lower	Upper
163	100		
194	6.3	3.5	5.3#
164	10.9	8.2	12.4



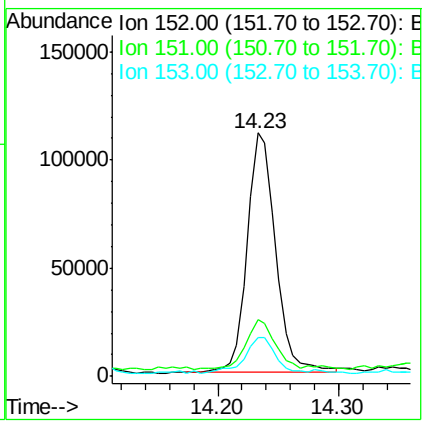


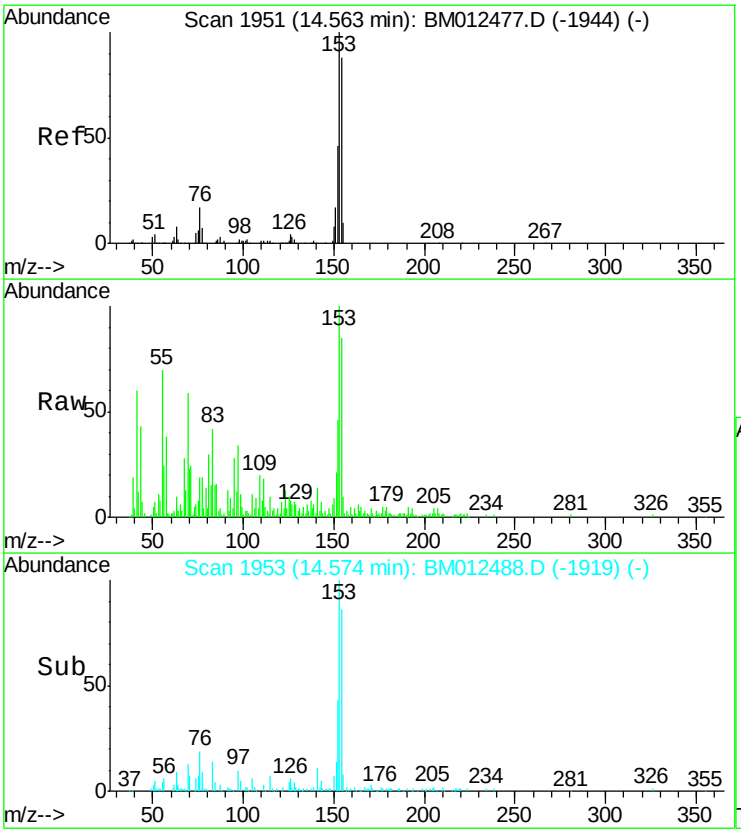
#47
Acenaphthylene
Concen: 2.00 ng/ul
RT: 14.23 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 182703

Ion	Ratio	Lower	Upper
152	100		
151	23.5	16.3	24.5
153	15.8	10.2	15.4#

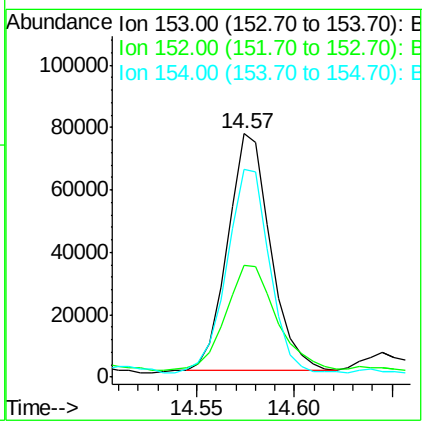


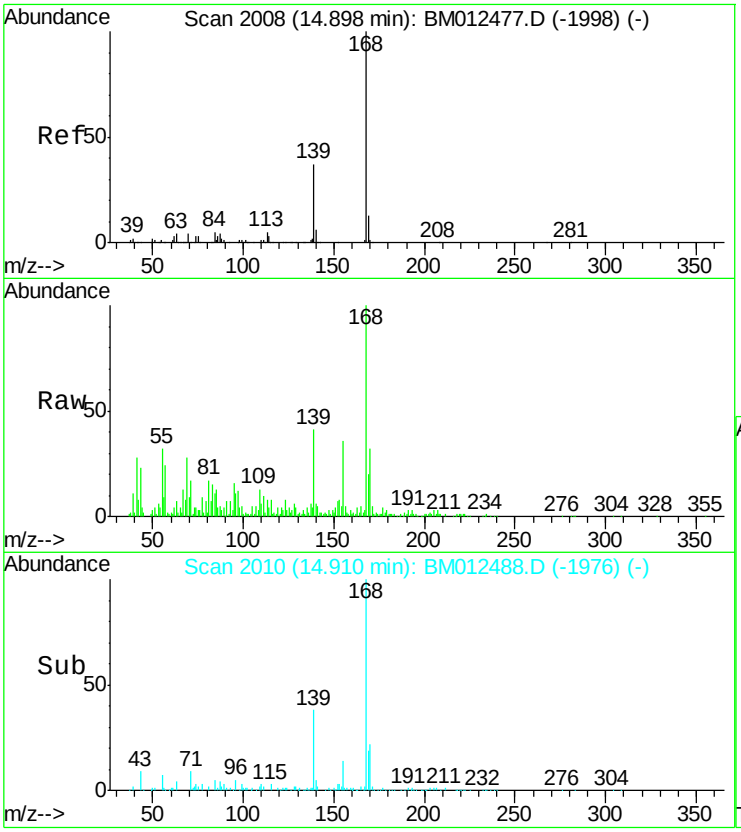


#49
Acenaphthene
Concen: 1.84 ng/ul
RT: 14.57 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Tgt Ion:153 Resp: 115214

Ion	Ratio	Lower	Upper
153	100		
152	46.2	37.6	56.4
154	85.3	70.4	105.6



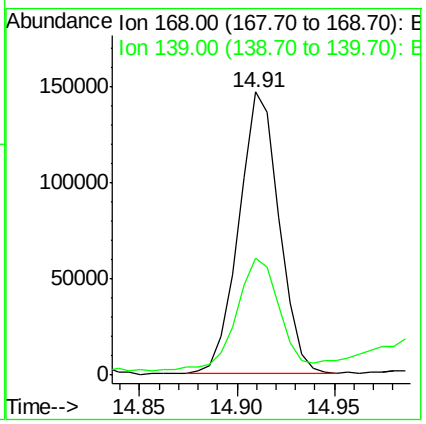


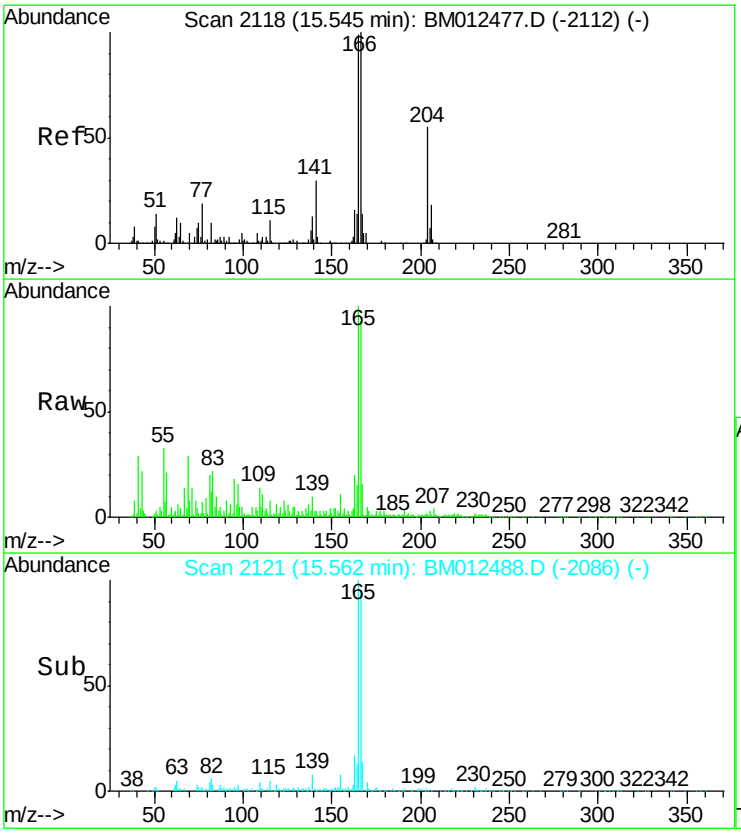
#53
Dibenzofuran
Concen: 2.26 ng/ul
RT: 14.91 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 208428

Ion	Ratio	Lower	Upper
168	100		
139	41.2	30.8	46.2

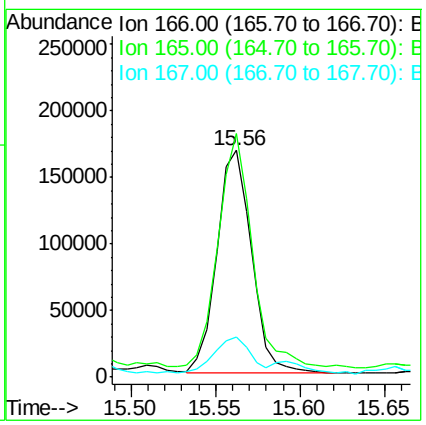


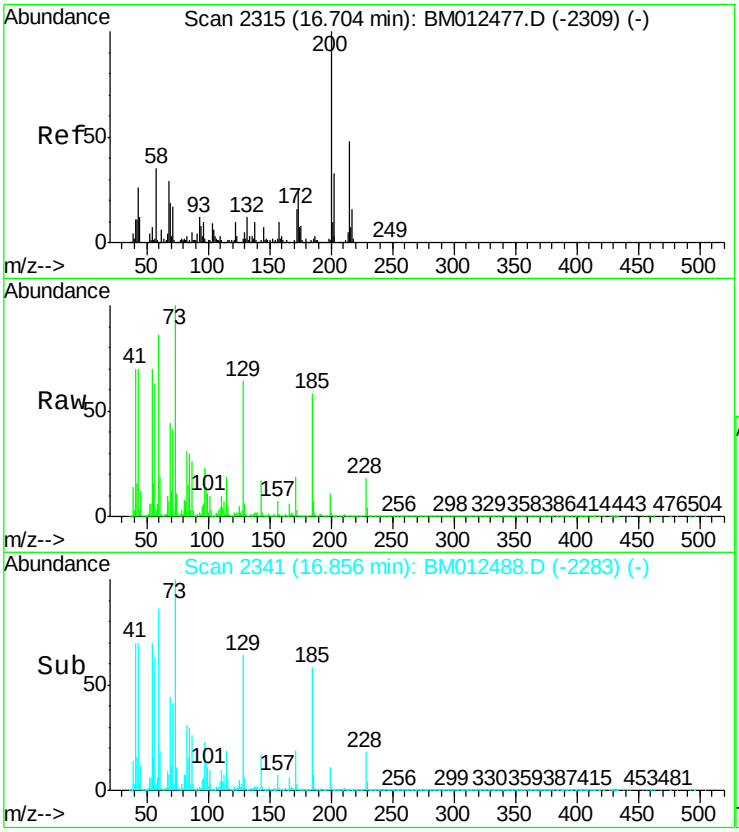


#58
Fluorene
Concen: 3.08 ng/ul
RT: 15.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Tgt Ion:166 Resp: 240523

Ion	Ratio	Lower	Upper
166	100		
165	107.4	77.9	116.9
167	17.6	10.6	16.0#



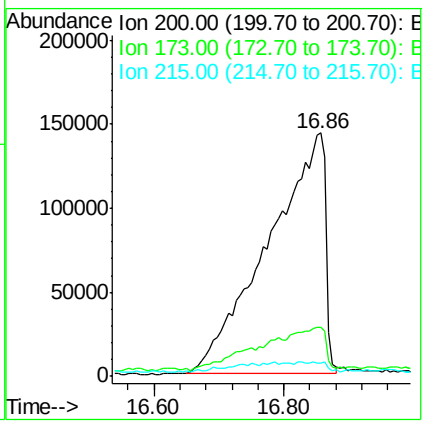


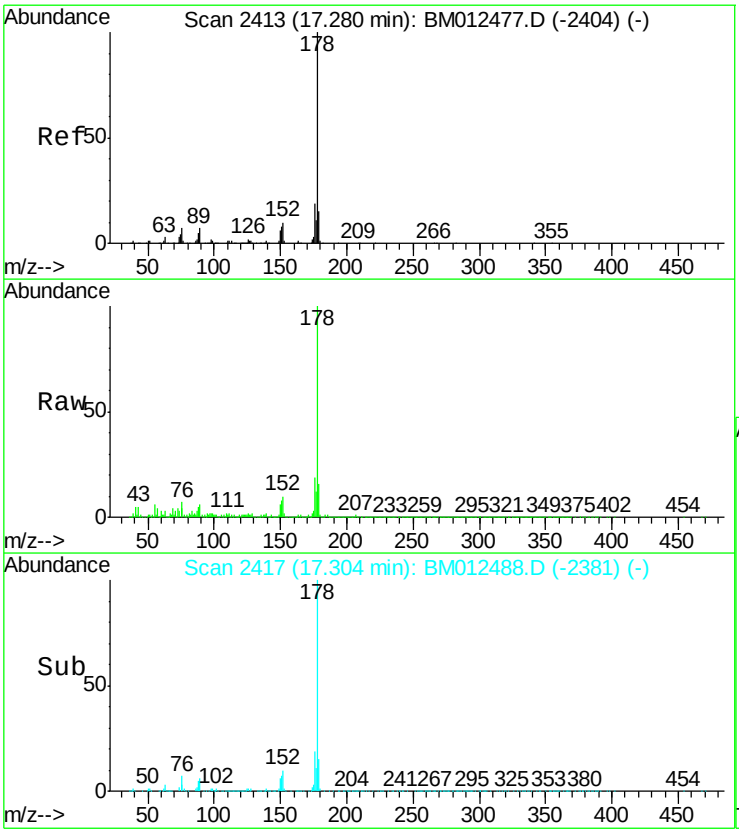
#67
Atrazine
Concen: 33.25 ng/ul
RT: 16.86 min Scan# 2341
Delta R.T. 0.14 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:200 Resp: 870159

Ion	Ratio	Lower	Upper
200	100		
173	20.3	18.2	27.2
215	5.5	35.0	52.4#

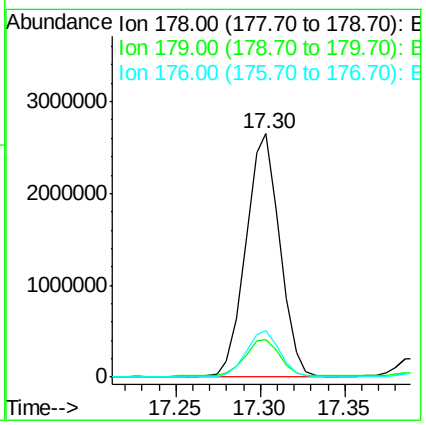


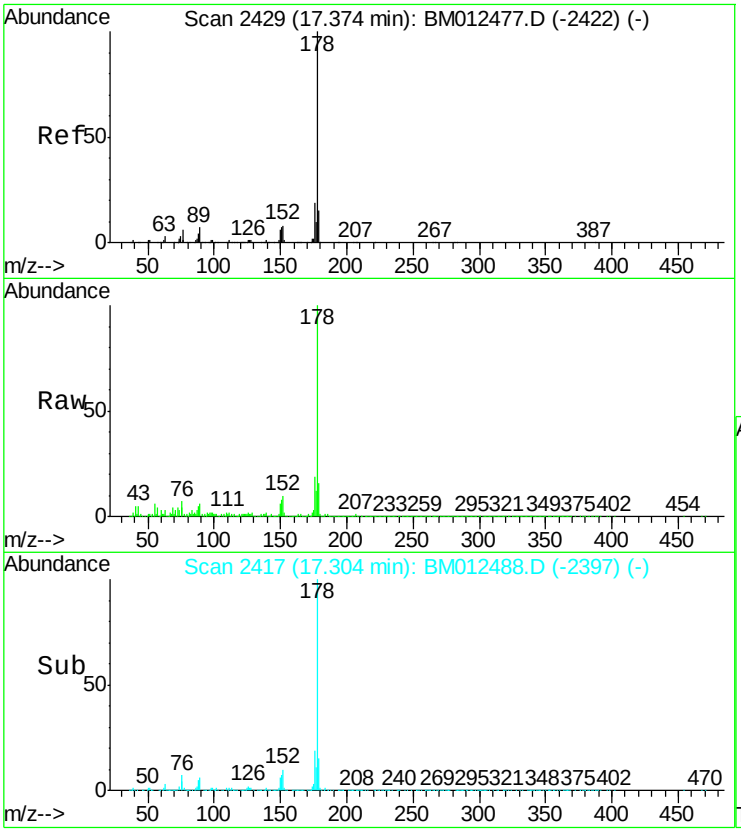


#69
Phenanthrene
Concen: 32.48 ng/ul
RT: 17.30 min Scan# 2417
Delta R.T. 0.01 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Tgt Ion:178 Resp: 3678939

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	19.0	14.9	22.3



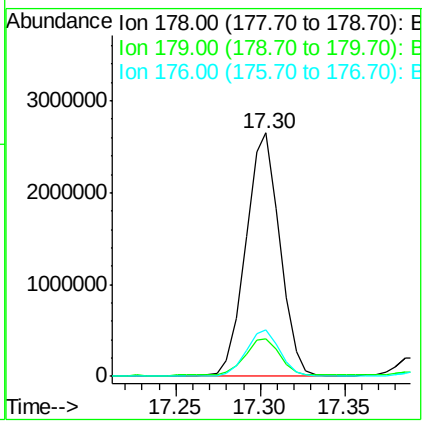


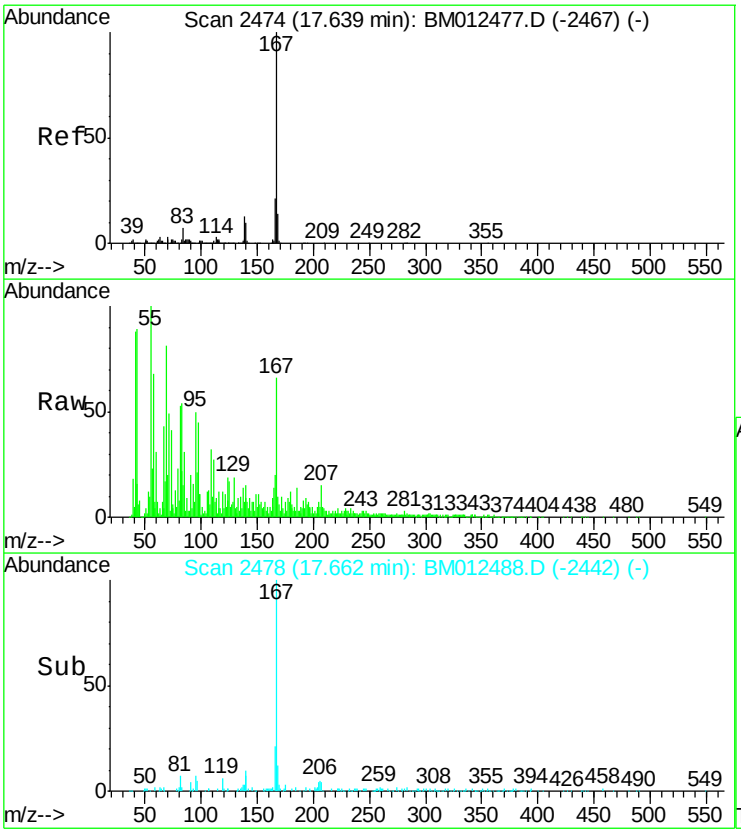
#71
Anthracene
Concen: 31.43 ng/ul
RT: 17.30 min Scan# 2417
Delta R.T. -0.08 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 3678939

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.7	17.5
176	19.0	14.6	21.8

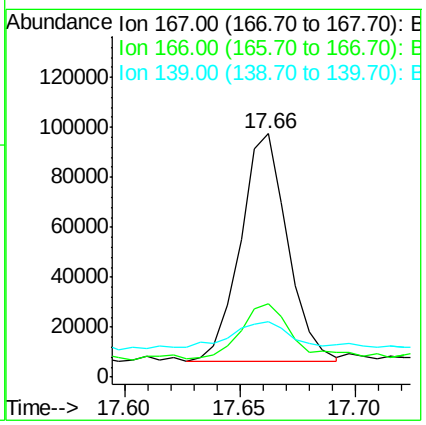


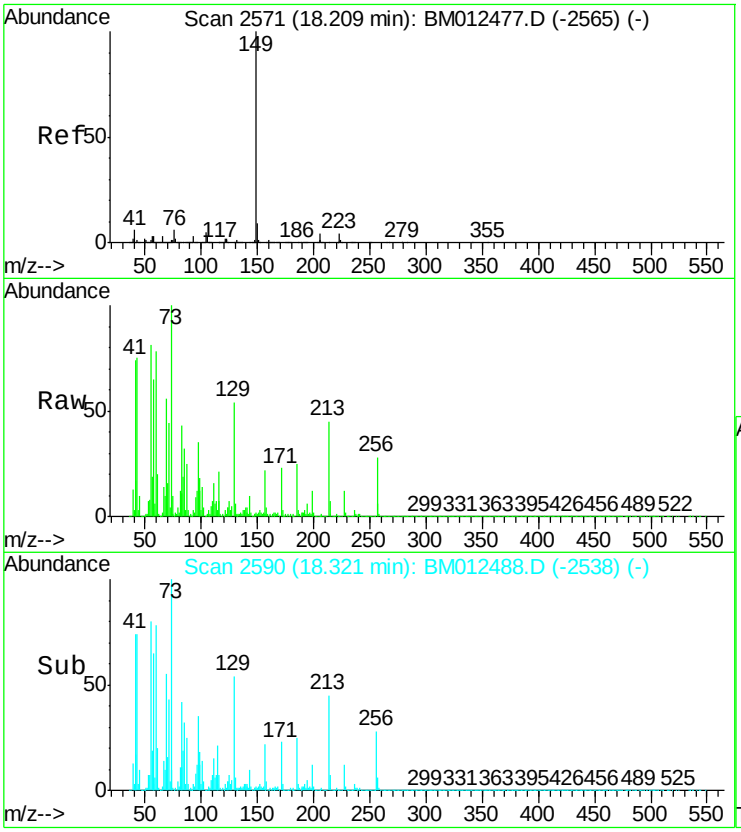


#72
Carbazole
Concen: 1.33 ng/ul
RT: 17.66 min Scan# 2478
Delta R.T. 0.01 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Tgt Ion:167 Resp: 129313

Ion	Ratio	Lower	Upper
167	100		
166	29.9	17.1	25.7#
139	22.6	10.0	15.0#



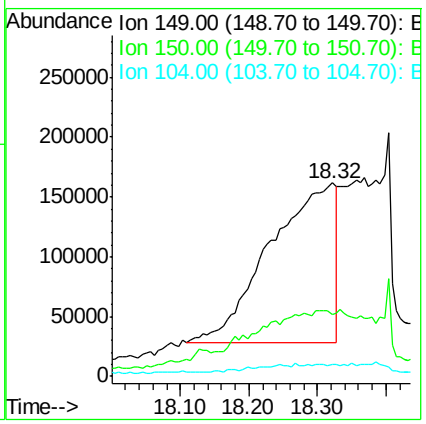


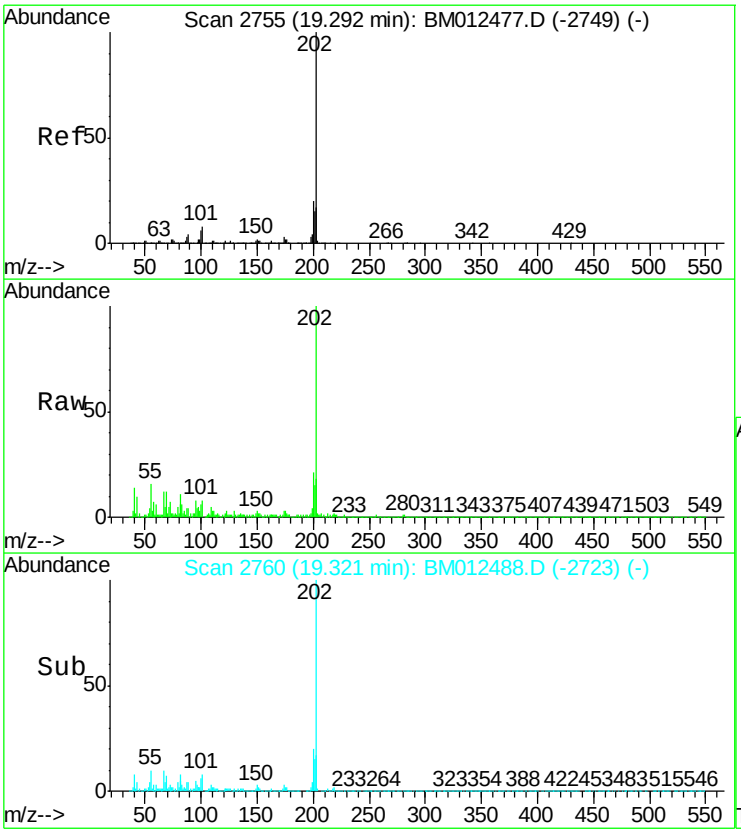
#73
Di-n-butylphthalate
Concen: 7.18 ng/ul
RT: 18.32 min Scan# 2590
Delta R.T. 0.11 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 887837

Ion	Ratio	Lower	Upper
149	100		
150	32.0	7.1	10.7#
104	6.1	5.6	8.4

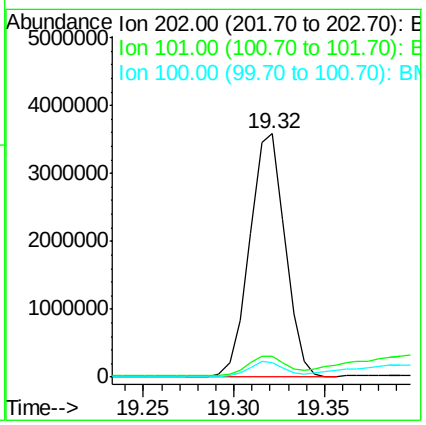


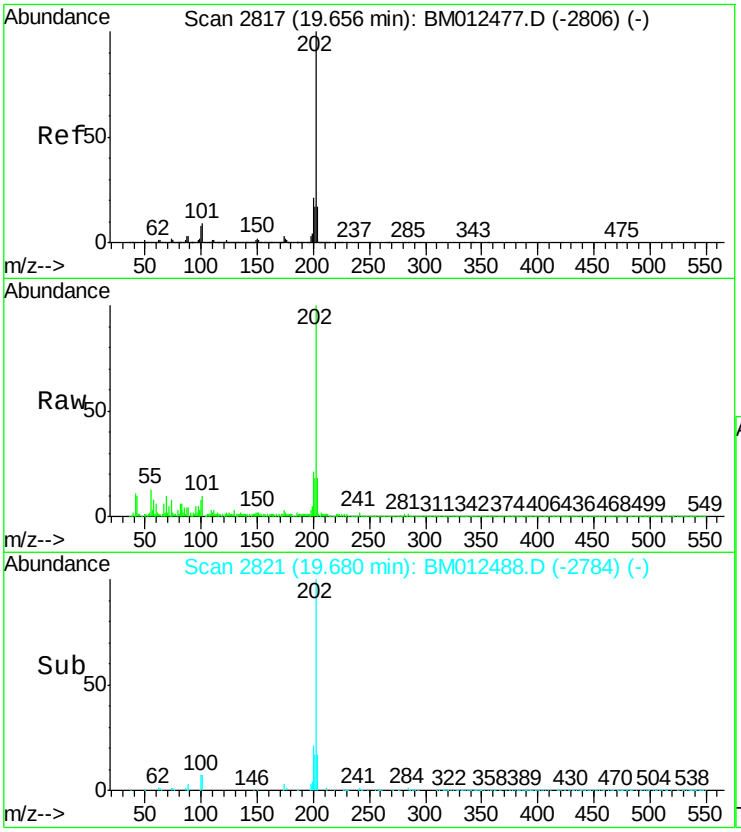


#74
Fluoranthene
Concen: 37.72 ng/ul
RT: 19.32 min Scan# 2760
Delta R.T. 0.02 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Tgt Ion:202 Resp: 4840709

Ion	Ratio	Lower	Upper
202	100		
101	8.4	4.6	7.0#
100	6.2	3.4	5.2#



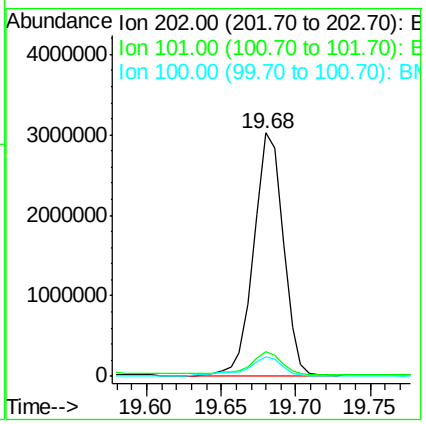


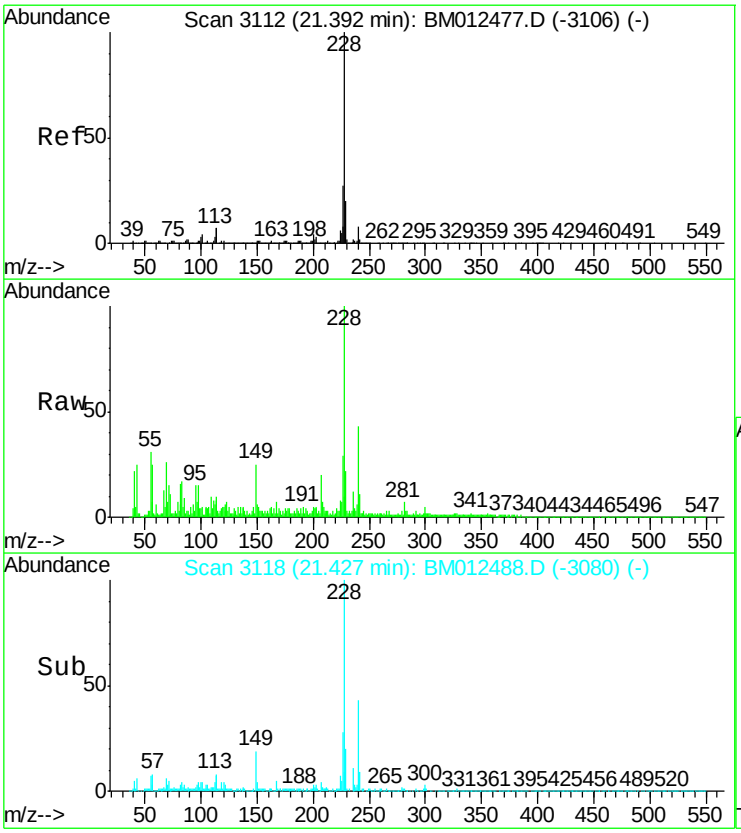
#77
Pyrene
Concen: 26.09 ng/ul
RT: 19.68 min Scan# 2821
Delta R.T. 0.02 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 4107848

Ion	Ratio	Lower	Upper
202	100		
101	10.3	5.1	7.7#
100	8.2	4.9	7.3#

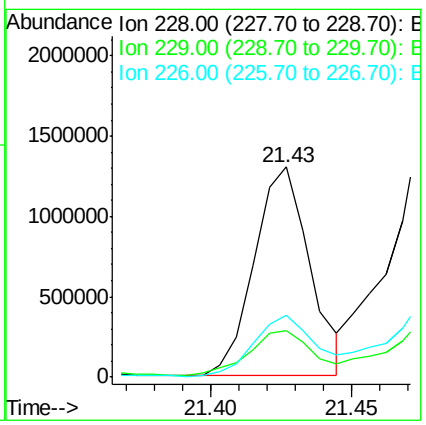


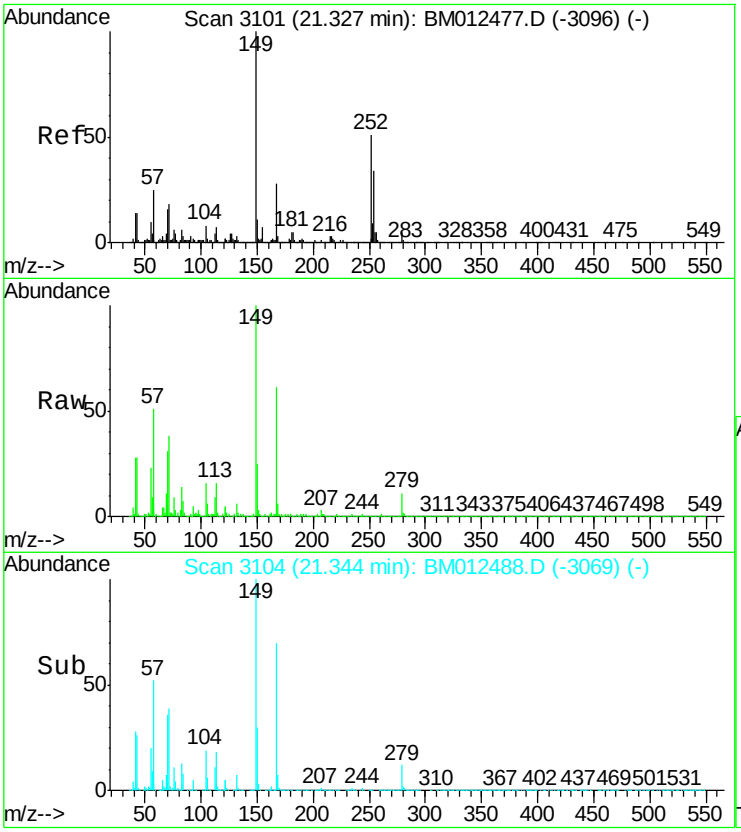


#80
Benzo(a)anthracene
Concen: 10.78 ng/ul
RT: 21.43 min Scan# 3118
Delta R.T. 0.02 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Tgt Ion:228 Resp: 1787052

Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.4	23.0
226	29.5	21.4	32.0



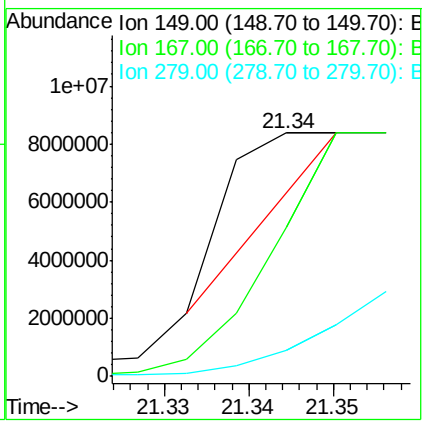


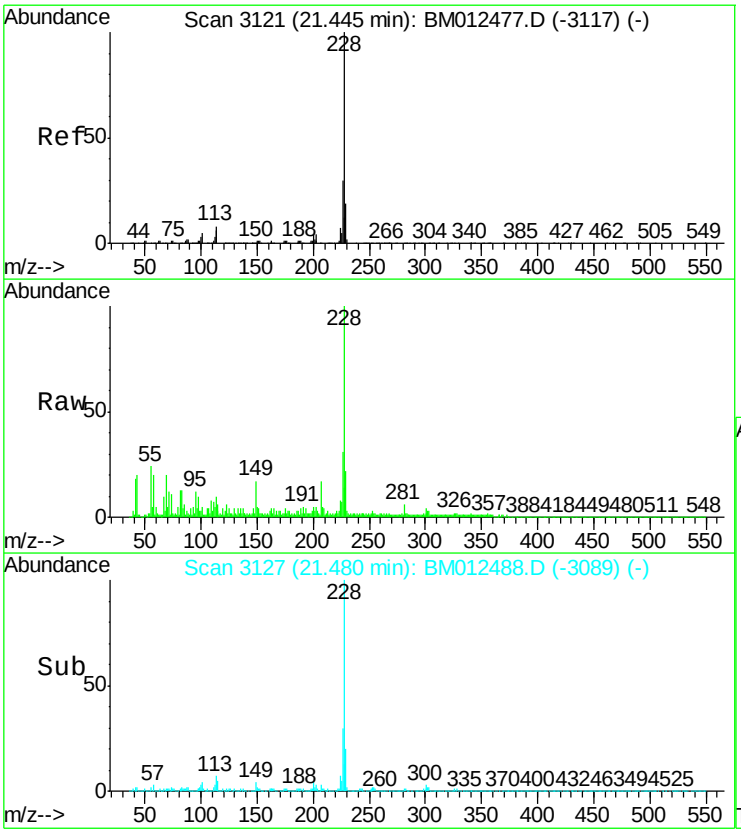
#81
Bis(2-ethylhexyl)phthalate
Concen: 37.43 ng/ul
RT: 21.34 min Scan# 3104
Delta R.T. 0.01 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 3532711

Ion	Ratio	Lower	Upper
149	100		
167	61.1	22.8	34.2#
279	10.9	4.9	7.3#

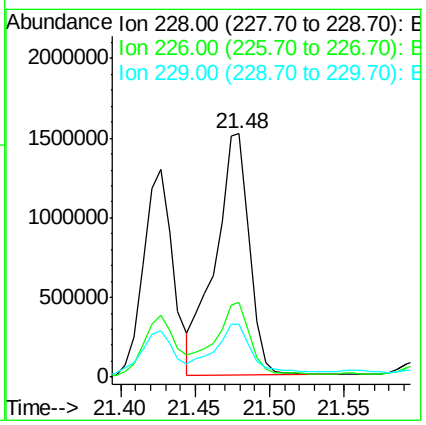


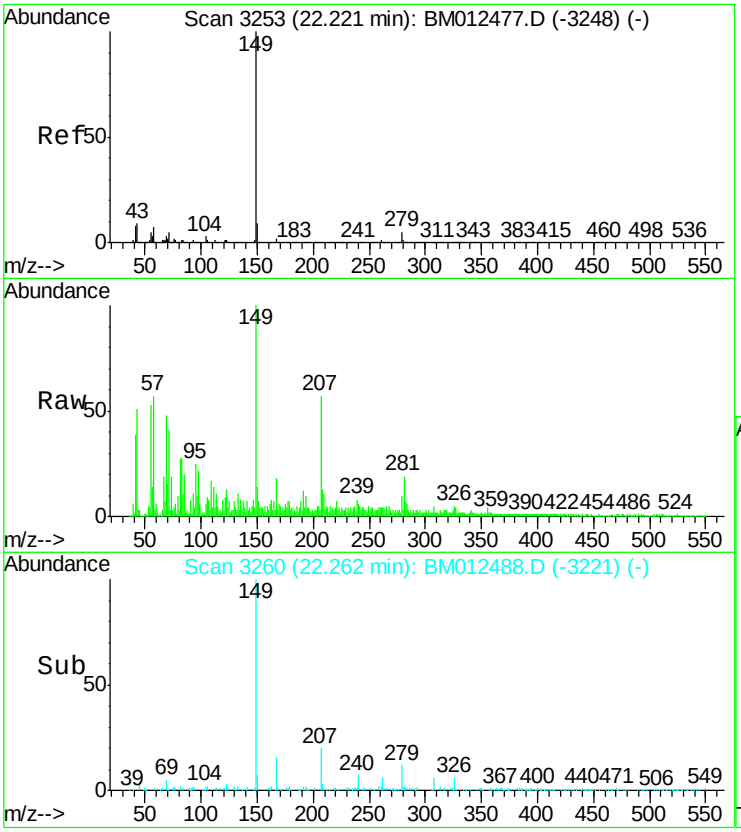


#82
Chrysene
Concen: 16.49 ng/ul
RT: 21.48 min Scan# 3127
Delta R.T. 0.02 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Tgt Ion:228 Resp: 2431416

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.2
229	21.6	15.5	23.3



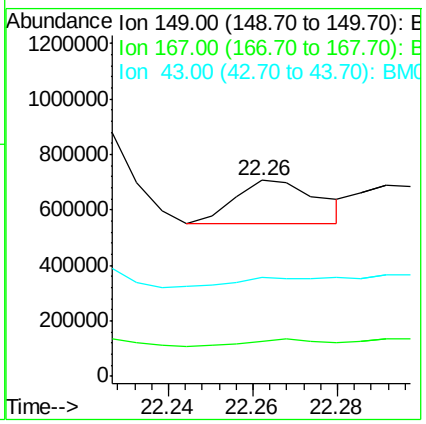


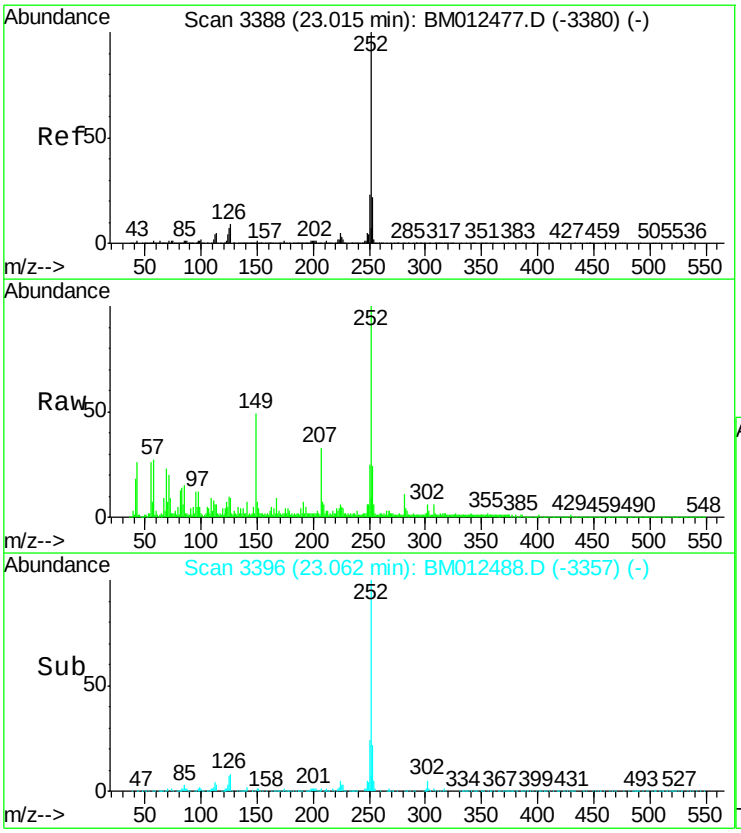
#84
Di-n-octyl phthalate
Concen: 1.41 ng/ul
RT: 22.26 min Scan# 3260
Delta R.T. 0.03 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 222125

Ion	Ratio	Lower	Upper
149	100		
167	17.9	1.3	1.9#
43	50.7	7.3	10.9#

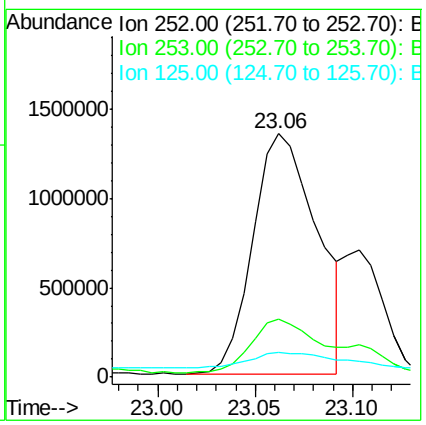


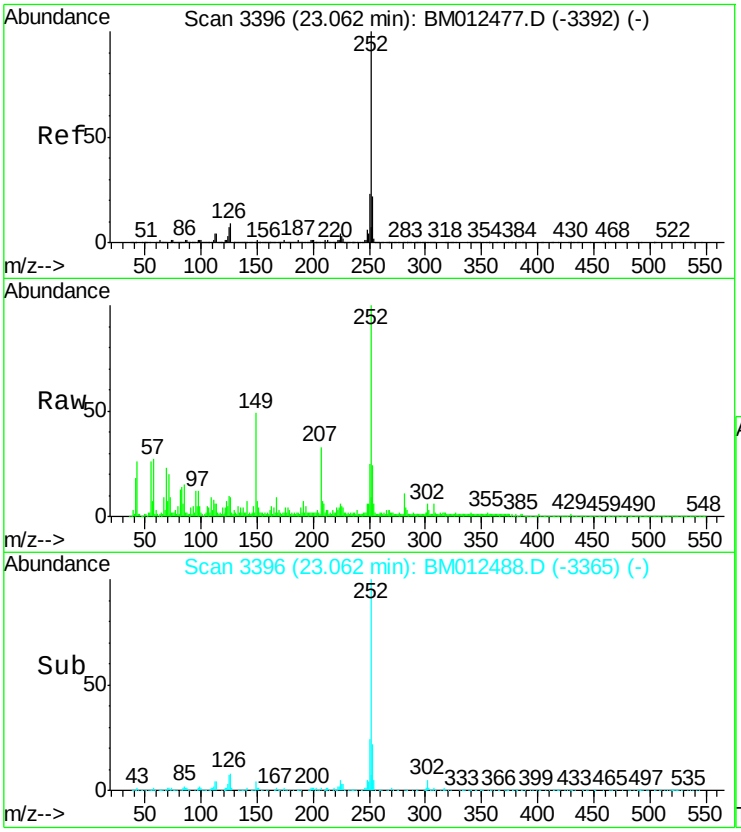


#85
Benzo(b)fluoranthene
Concen: 16.37 ng/ul
RT: 23.06 min Scan# 3396
Delta R.T. 0.03 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Tgt Ion:252 Resp: 3066103

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	10.1	3.6	5.4#



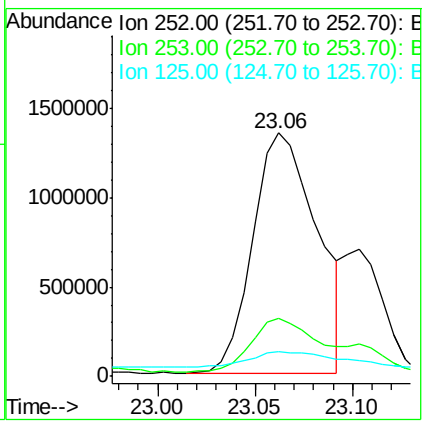


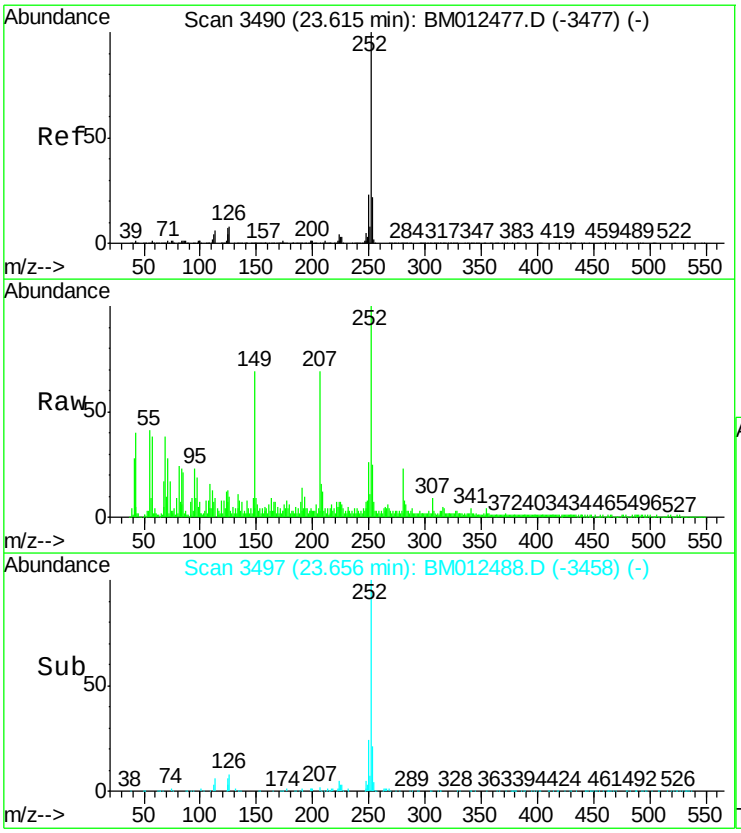
#86
Benzo(k)fluoranthene
Concen: 17.39 ng/ul
RT: 23.06 min Scan# 3396
Delta R.T. -0.02 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3066103

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	10.1	3.4	5.2#

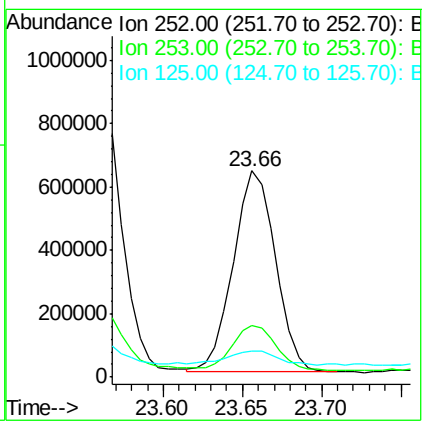


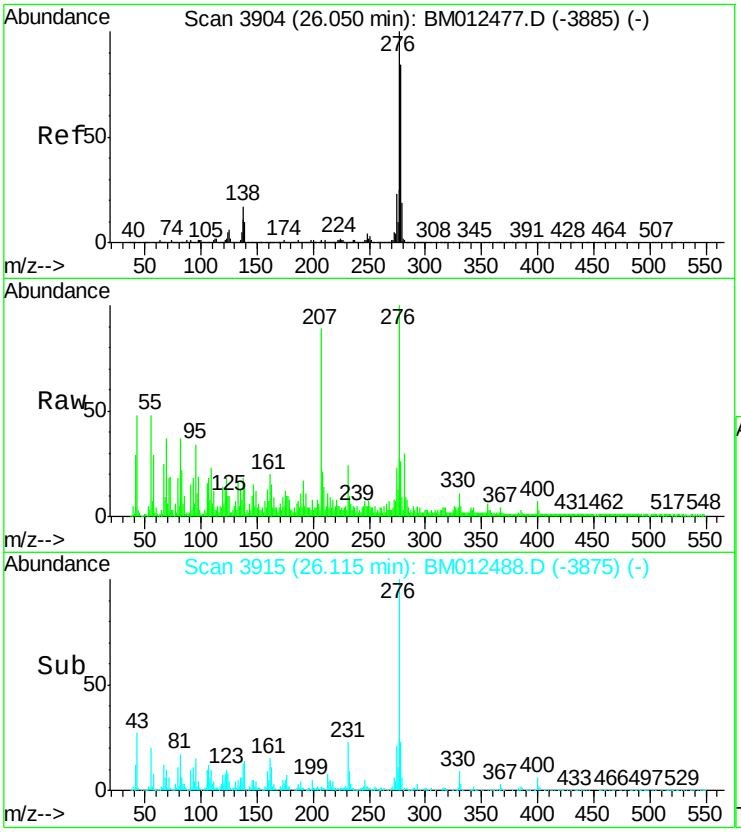


#88
Benzo(a)pyrene
Concen: 6.59 ng/ul
RT: 23.66 min Scan# 3497
Delta R.T. 0.03 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Tgt Ion:252 Resp: 1177250

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.2
125	12.7	4.0	6.0#



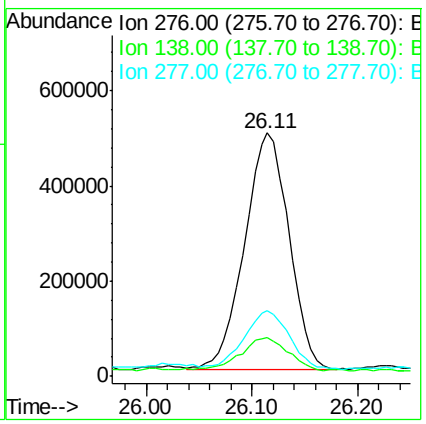


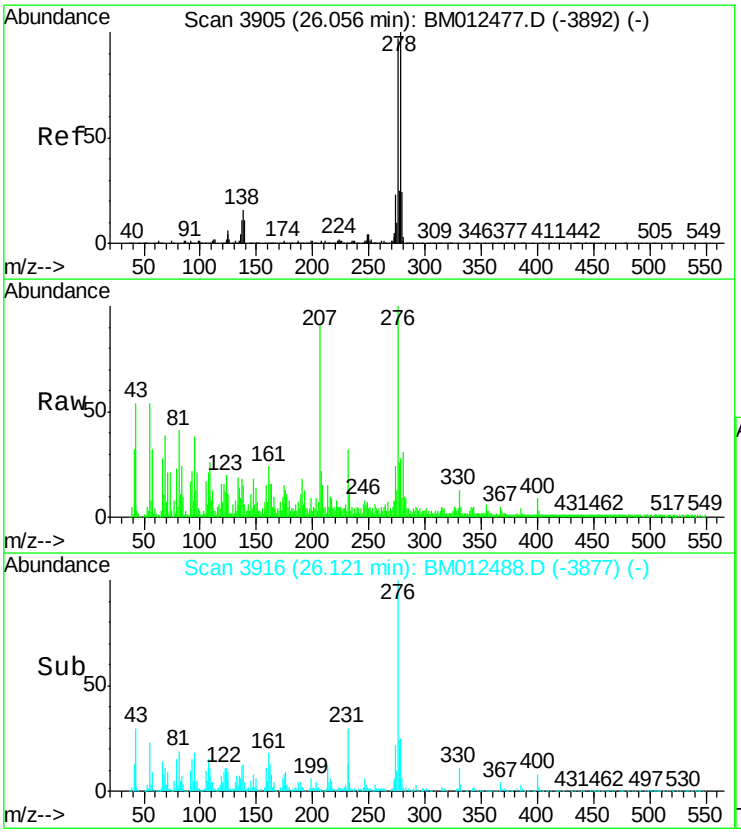
#89
Indeno(1,2,3-cd)pyrene
Concen: 6.88 ng/ul
RT: 26.11 min Scan# 3915
Delta R.T. 0.04 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1446724

Ion	Ratio	Lower	Upper
276	100		
138	15.8	9.3	13.9#
277	27.1	19.9	29.9

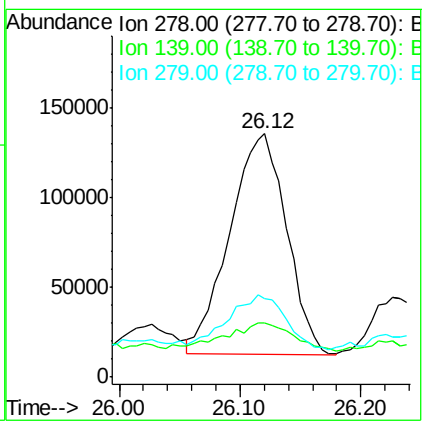


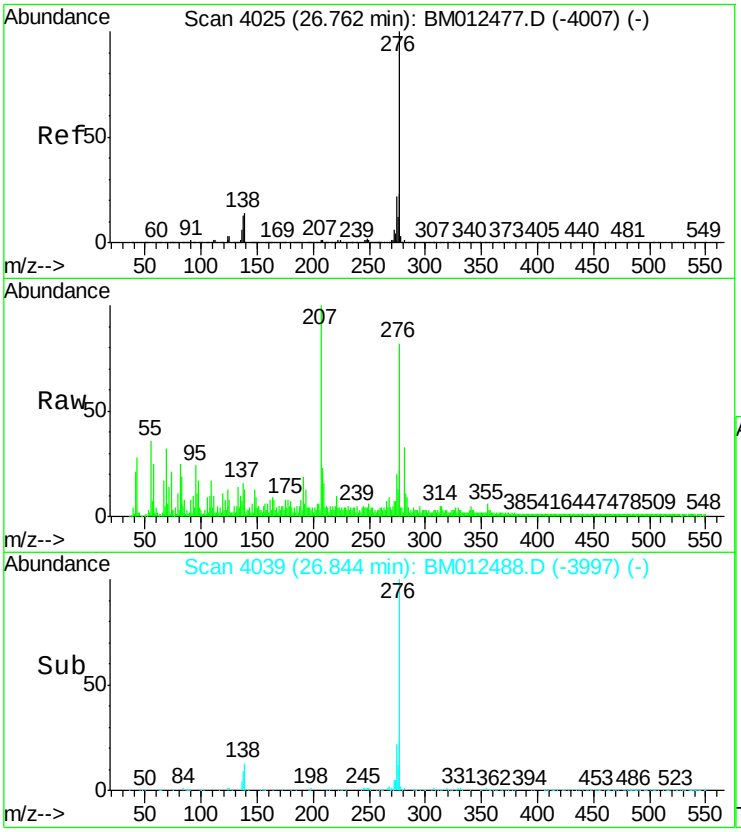


#90
Dibenzo(a,h)anthracene
Concen: 2.26 ng/ul
RT: 26.12 min Scan# 3916
Delta R.T. 0.03 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Tgt Ion:278 Resp: 403020

Ion	Ratio	Lower	Upper
278	100		
139	22.3	5.8	8.8#
279	32.0	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 6.75 ng/ul
RT: 26.84 min Scan# 4039
Delta R.T. 0.05 min
Lab File: BM012488.D
Acq: 27 Oct 2017 16:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1150337

Ion	Ratio	Lower	Upper
276	100		
138	16.4	8.5	12.7#
277	27.3	18.6	28.0