Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012514.D
Acq On : 28 Oct 2017 08:27
Operator : SJ/JU
Sample : I5786-03 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 30 05:36:36 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 30 05:30:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	550351	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1960691	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	1093190	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2398340	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2752186	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	3114335	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	11988	1.11	ng/uL	0.00
5) Phenol-d5	7.04	99	200601	4.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	123633	4.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	158866	4.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	162707	4.14	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	74199	6.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	77771	6.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	152905	4.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	50079	1.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	431937	4.52	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	553371	4.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	47307	3.33	ng/ul	0.00
57) Fluorene-d10	15.49	176	374829	4.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	30586	2.64	ng/ul	0.00
70) Anthracene-d10	17.34	188	574185	5.02	ng/ul	0.00
76) Pyrene-d10	19.63	212	629712	4.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	721226	4.87	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.06	94	275300	5.75	ng/ul#	81
10) 2-Chlorophenol	7.44	128	176062	5.00	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.67	70	114568	3.40	ng/ul#	66
33) 4-Chloro-3-methylphenol	11.95	107	161042	4.38	ng/ul	97
47) Acenaphthylene	14.22	152	325026	3.01	ng/ul	98
49) Acenaphthene	14.56	153	377898	5.12	ng/ul	98
52) 4-Nitrophenol	14.71	109	52784	3.66	ng/ul	81
54) 2,4-Dinitrotoluene	14.86	165	98411	4.38	ng/ul#	82
68) Pentachlorophenol	16.90	266	76921	4.43	ng/ul	99
69) Phenanthrene	17.29	178	1914102	14.76	ng/ul	99
71) Anthracene	17.37	178	578565	4.32	ng/ul	99
72) Carbazole	17.64	167	212339	1.91	ng/ul	99
74) Fluoranthene	19.30	202	4748728	32.31	ng/ul#	94
77) Pyrene	19.66	202	5125669	32.75	ng/ul#	91
80) Benzo(a)anthracene	21.40	228	3021023	18.33	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.33	149	6408901	68.31	ng/ul	98
82) Chrysene	21.45	228	2734804	18.66	ng/ul	96
85) Benzo(b)fluoranthene	23.03	252	4630881	24.05	ng/ul#	97
86) Benzo(k)fluoranthene	23.03	252	4630881	25.56	ng/ul#	95
88) Benzo(a)pyrene	23.62	252	3246251	17.69	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.06	276	2724476	12.61	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.06	278	719347	3.93	ng/ul#	85
91) Benzo(g,h,i)perylene	26.79	276	2163904	12.36	ng/ul#	96

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012514.D
Acq On : 28 Oct 2017 08:27
Operator : SJ/JU
Sample : I5786-03 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 30 05:36:36 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 30 05:30:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

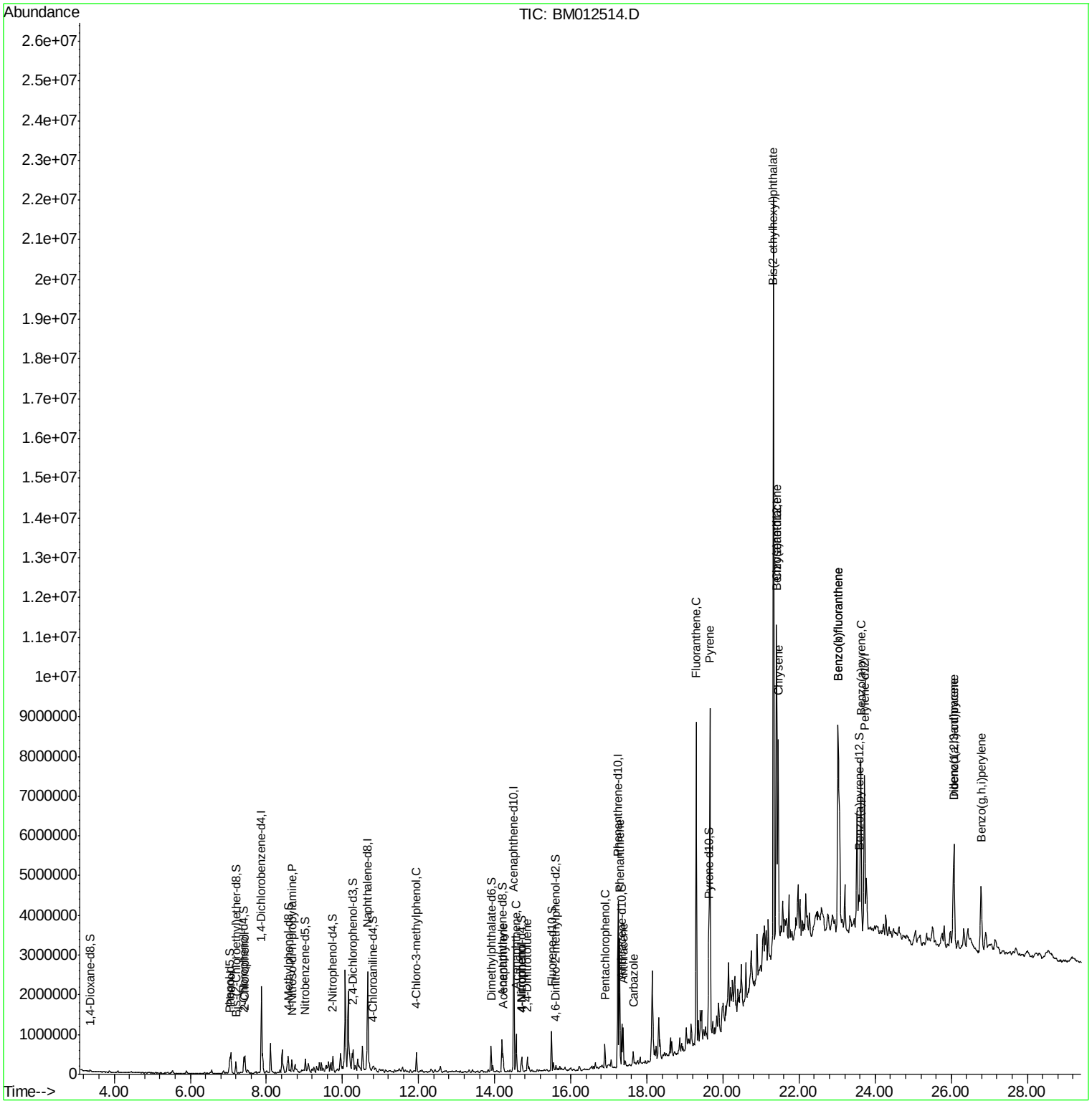
(#) = qualifier out of range (m) = manual integration (+) = signals summed

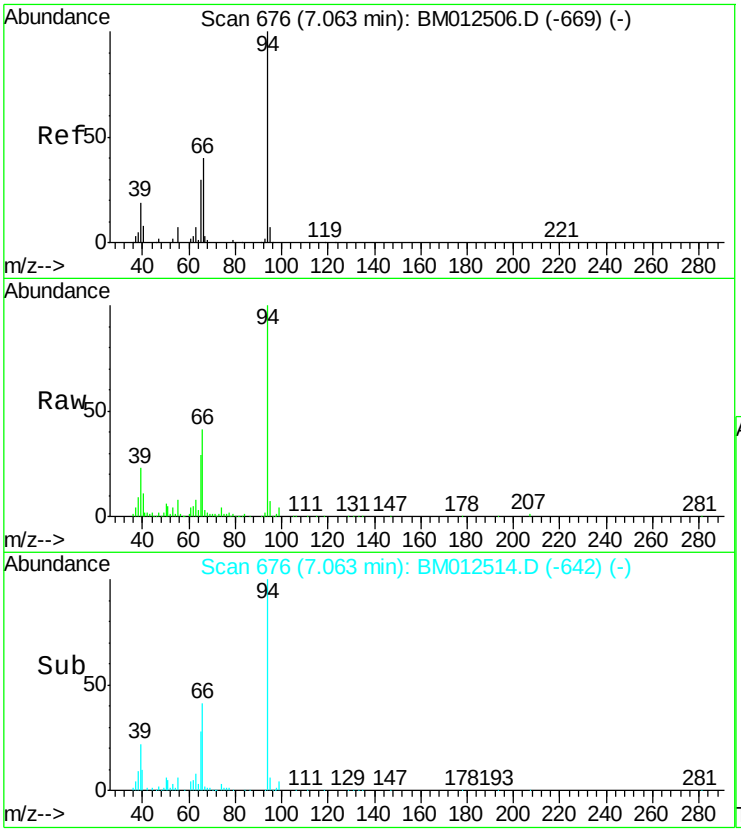
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012514.D
Acq On : 28 Oct 2017 08:27
Operator : SJ/JU
Sample : I5786-03 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 30 05:36:36 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 30 05:30:34 2017
Response via : Initial Calibration



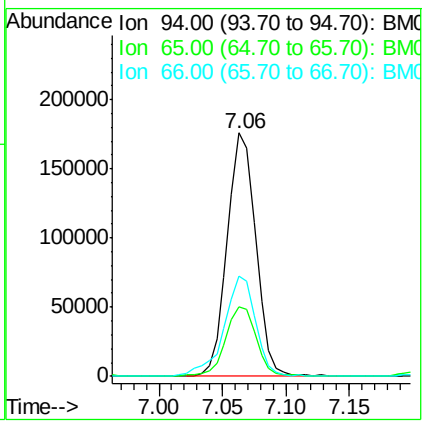


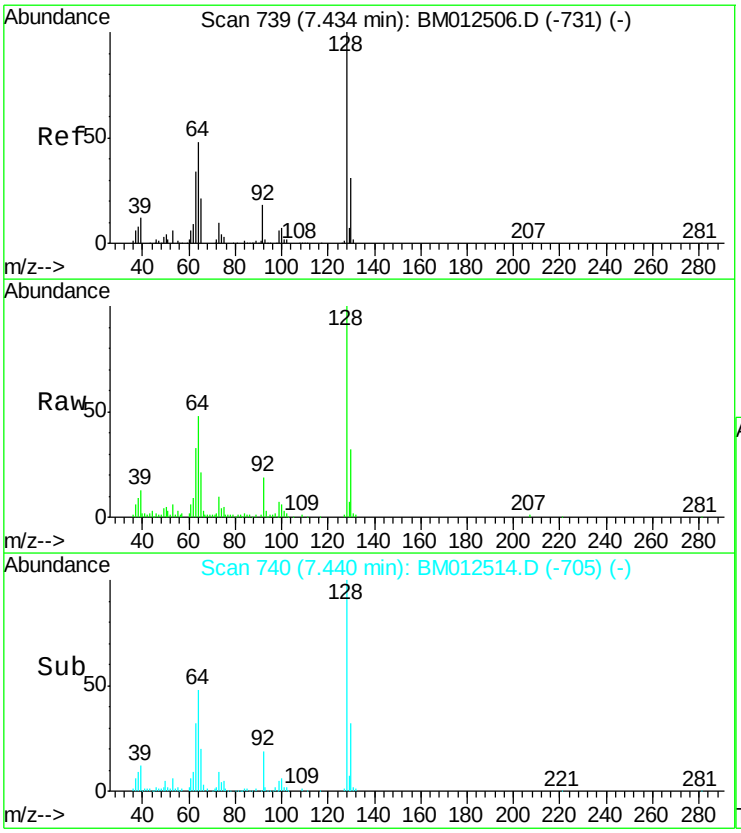
#6
Phenol
Concen: 5.75 ng/ul
RT: 7.06 min Scan# 676
Delta R.T. 0.00 min
Lab File: BM012514.D
Acq: 28 Oct 2017 08:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 275300

Ion	Ratio	Lower	Upper
94	100		
65	28.8	28.2	42.4
66	41.0	47.2	70.8#

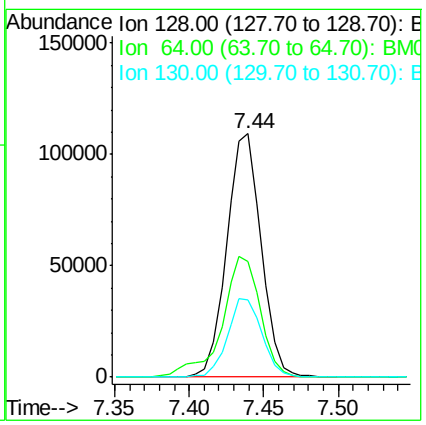


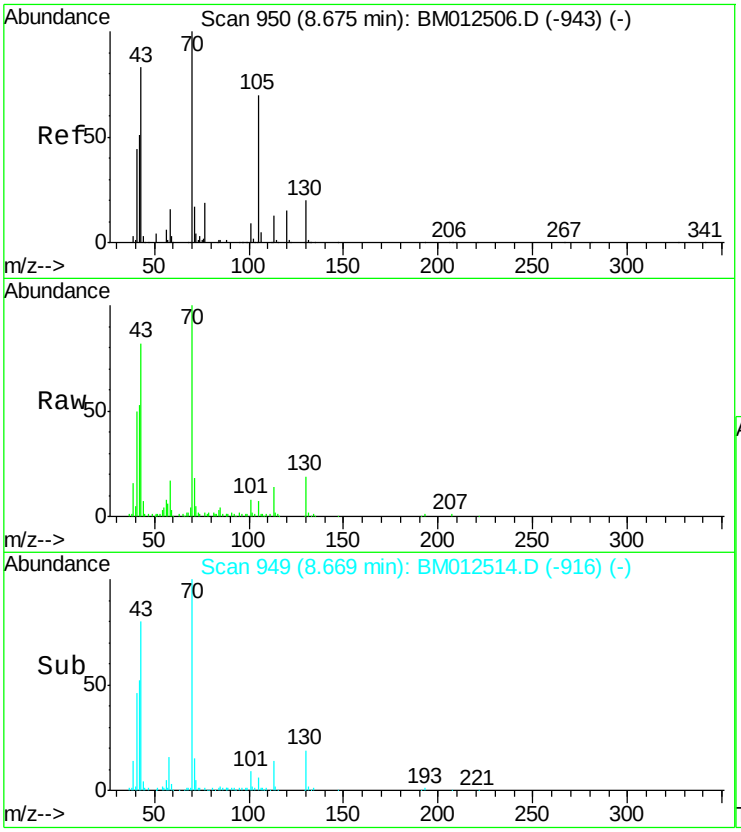


#10
2-Chlorophenol
Concen: 5.00 ng/ul
RT: 7.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BM012514.D
Acq: 28 Oct 2017 08:27

Tgt Ion:128 Resp: 176062

Ion	Ratio	Lower	Upper
128	100		
64	47.6	38.0	57.0
130	32.0	24.4	36.6



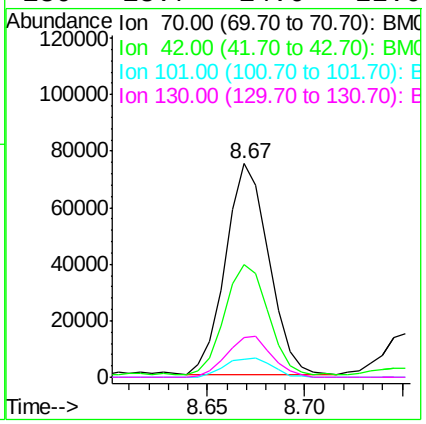


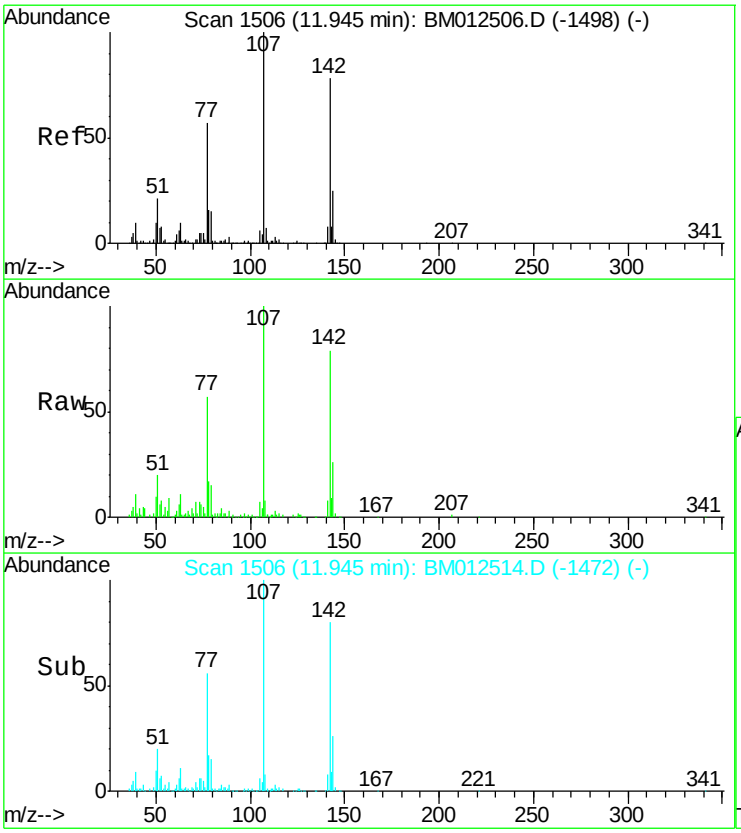
#15
N-Nitroso-di-n-propylamine
Concen: 3.40 ng/ul
RT: 8.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BM012514.D
Acq: 28 Oct 2017 08:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 114568

Ion	Ratio	Lower	Upper
70	100		
42	52.8	76.0	114.0#
101	8.4	6.7	10.1
130	18.7	14.6	22.0

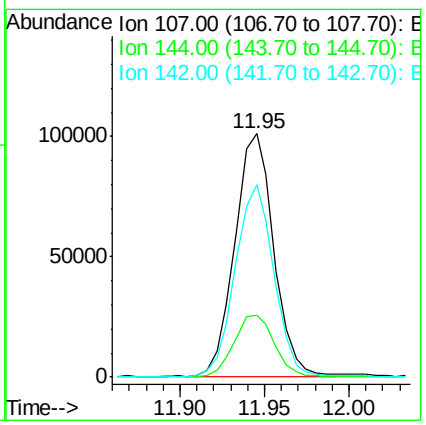


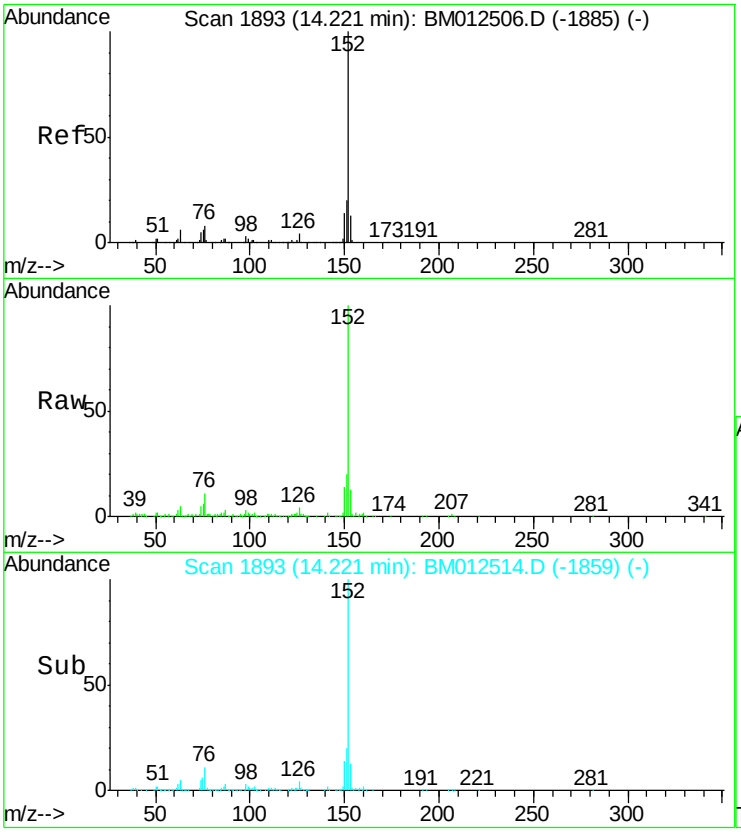


#33
4-Chloro-3-methylphenol
Concen: 4.38 ng/ul
RT: 11.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BM012514.D
Acq: 28 Oct 2017 08:27

Tgt Ion:107 Resp: 161042

Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.4	30.6
142	79.1	60.5	90.7



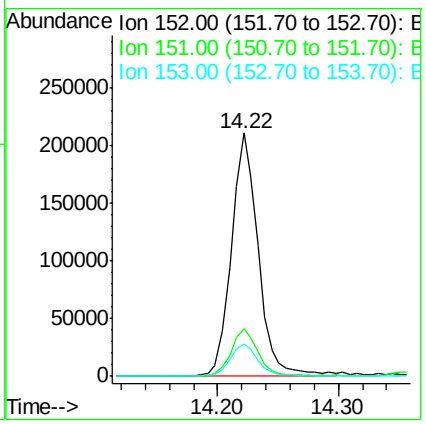


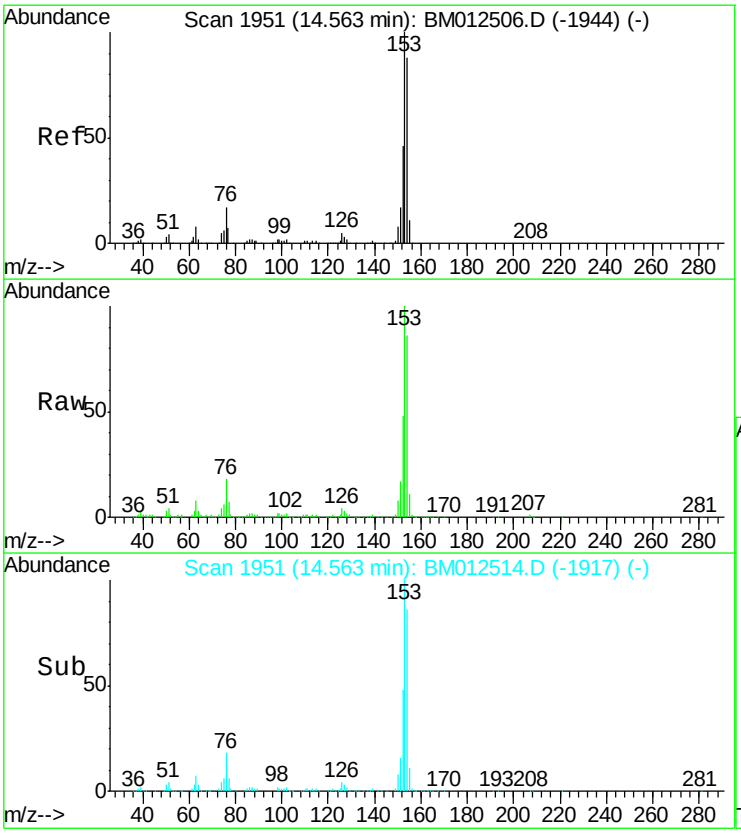
#47
Acenaphthylene
Concen: 3.01 ng/ul
RT: 14.22 min Scan# 1893
Delta R.T. 0.00 min
Lab File: BM012514.D
Acq: 28 Oct 2017 08:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 325026

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	13.5	10.2	15.4

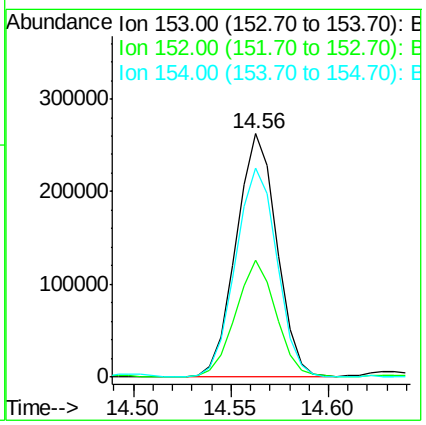


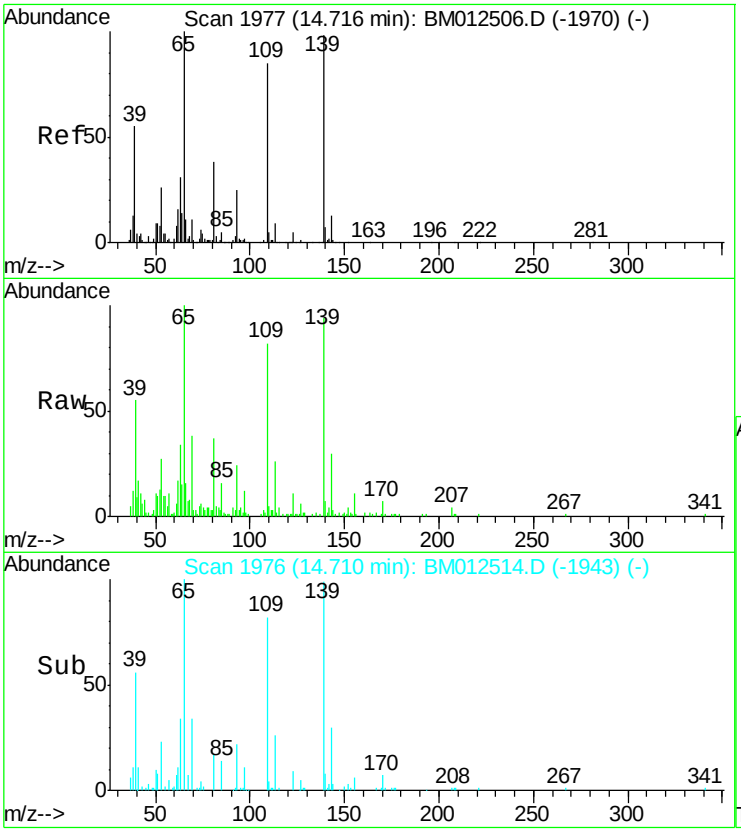


#49
Acenaphthene
Concen: 5.12 ng/ul
RT: 14.56 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BM012514.D
Acq: 28 Oct 2017 08:27

Tgt Ion:153 Resp: 377898

Ion	Ratio	Lower	Upper
153	100		
152	48.3	37.6	56.4
154	85.8	70.4	105.6



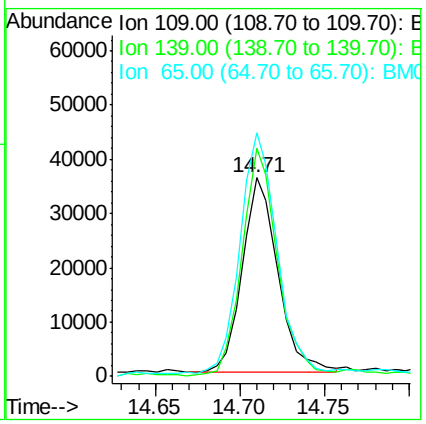


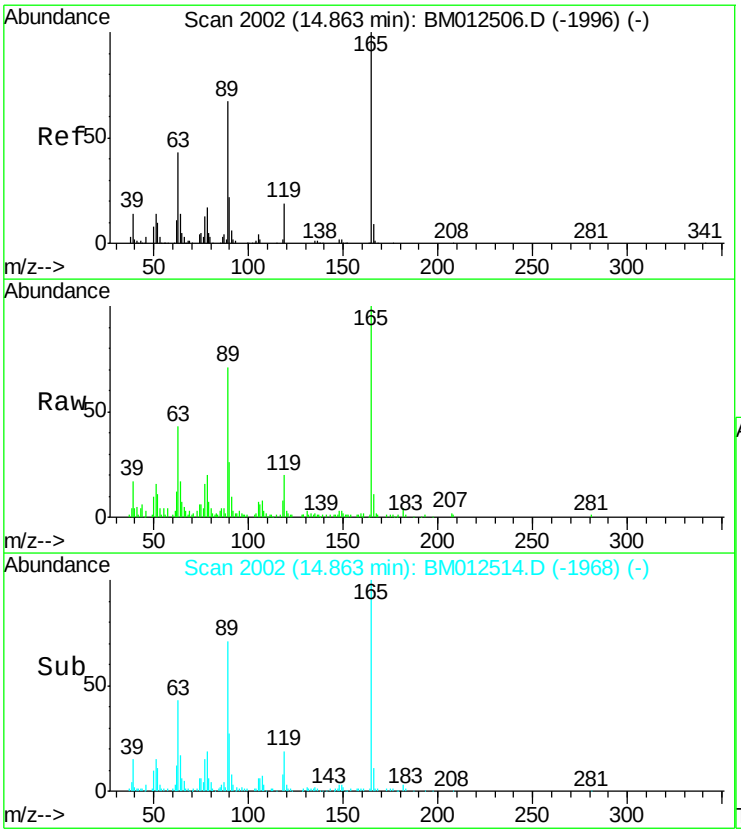
#52
4-Nitrophenol
Concen: 3.66 ng/ul
RT: 14.71 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM012514.D
Acq: 28 Oct 2017 08:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:109 Resp: 52784

Ion	Ratio	Lower	Upper
109	100		
139	115.0	80.0	120.0
65	122.7	120.0	180.0

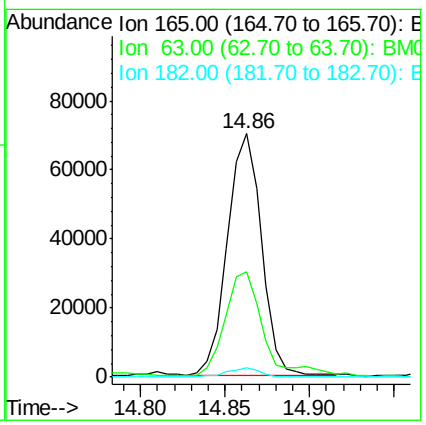


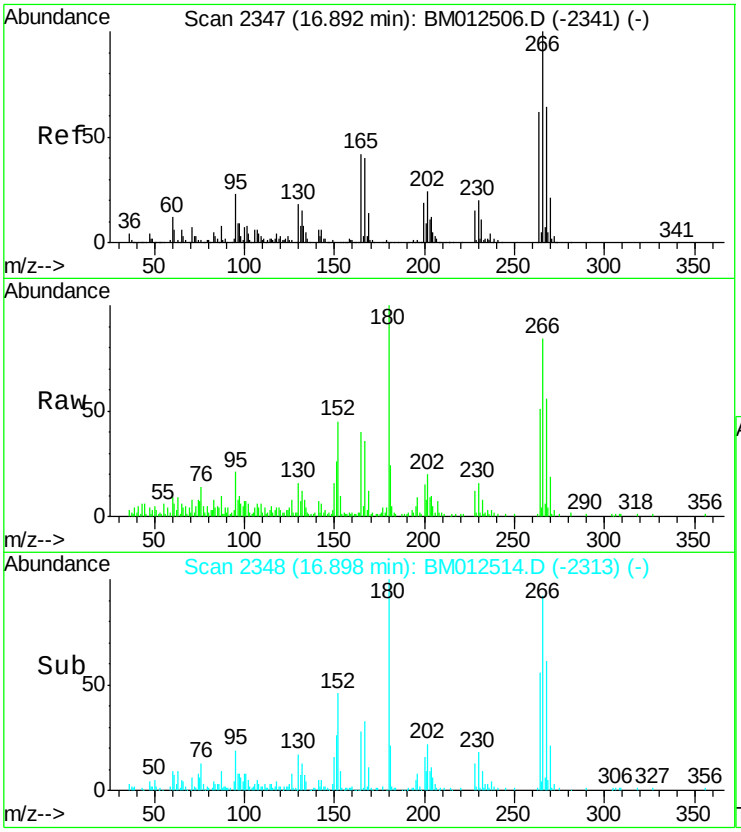


#54
2,4-Dinitrotoluene
Concen: 4.38 ng/ul
RT: 14.86 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BM012514.D
Acq: 28 Oct 2017 08:27

Tgt Ion:165 Resp: 98411

Ion	Ratio	Lower	Upper
165	100		
63	43.3	45.8	68.8#
182	4.0	2.6	4.0



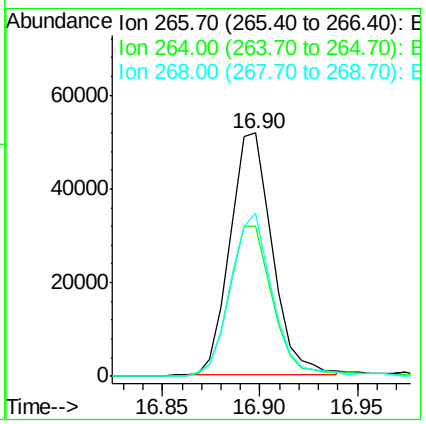


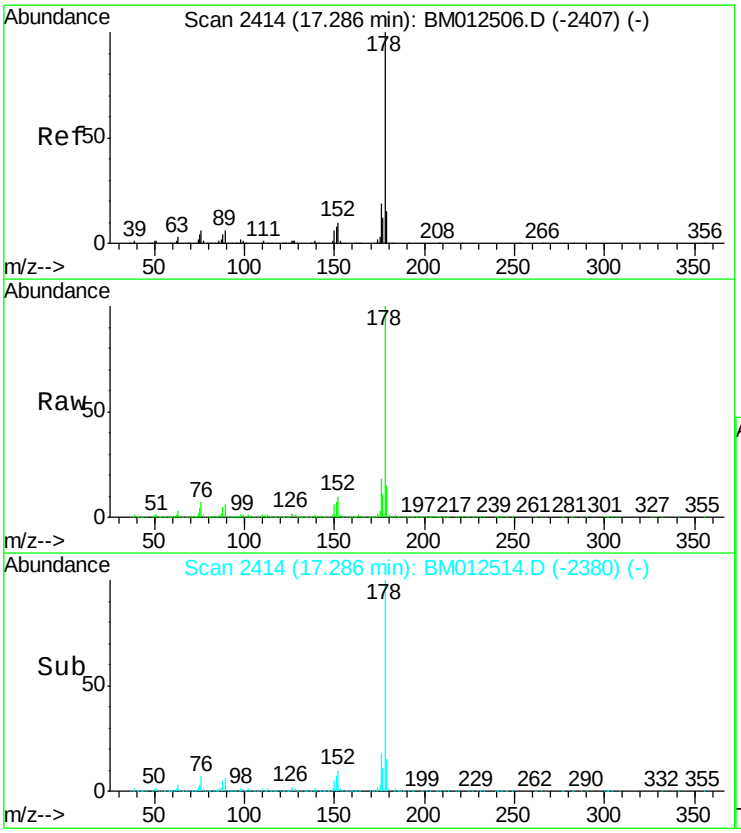
#68
Pentachlorophenol
Concen: 4.43 ng/ul
RT: 16.90 min Scan# 2348
Delta R.T. 0.01 min
Lab File: BM012514.D
Acq: 28 Oct 2017 08:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 76921

Ion	Ratio	Lower	Upper
266	100		
264	61.5	49.3	73.9
268	66.8	52.6	78.8

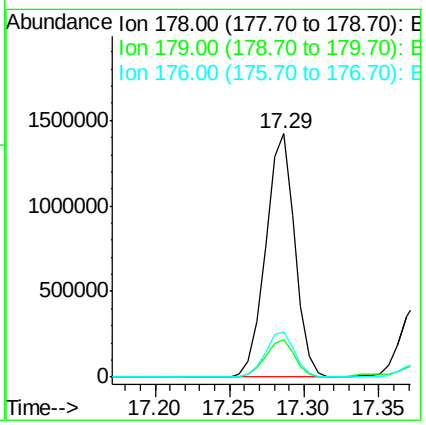


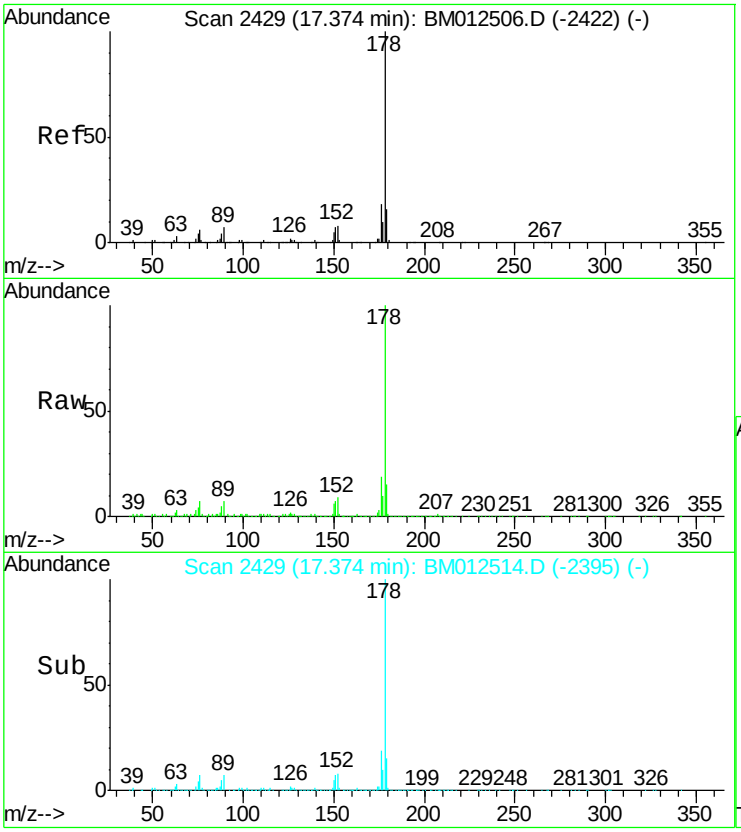


#69
Phenanthrene
Concen: 14.76 ng/ul
RT: 17.29 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BM012514.D
Acq: 28 Oct 2017 08:27

Tgt Ion:178 Resp: 1914102

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	18.4	14.9	22.3



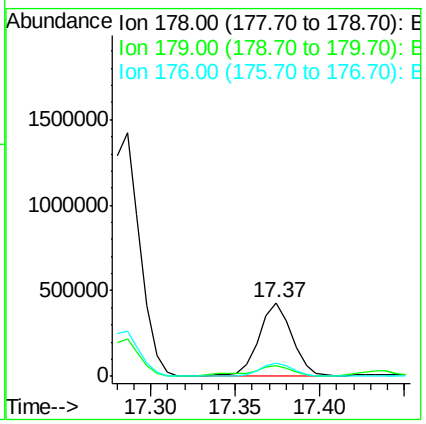


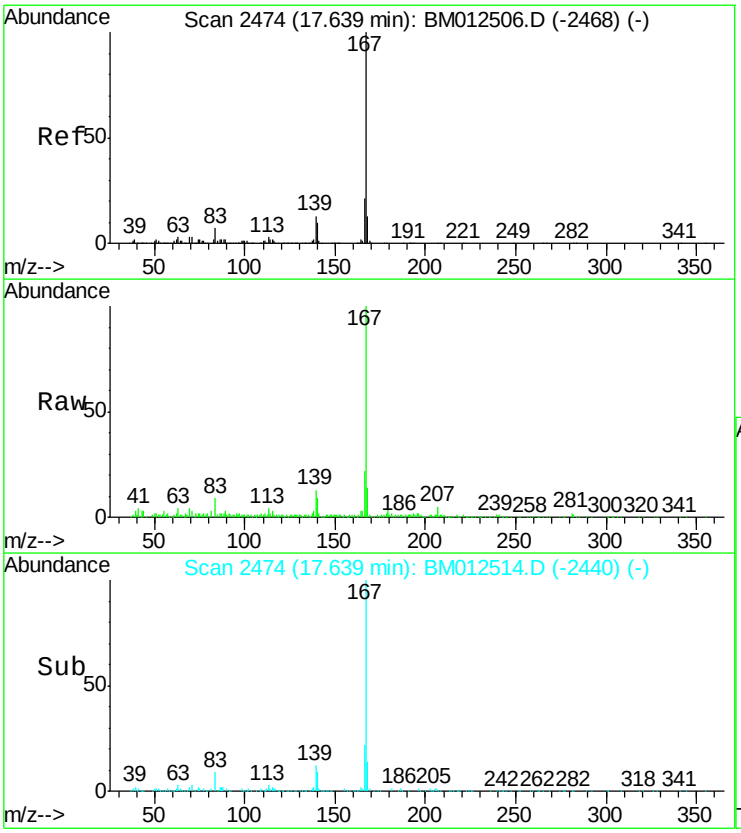
#71
Anthracene
Concen: 4.32 ng/ul
RT: 17.37 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BM012514.D
Acq: 28 Oct 2017 08:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 578565

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.7	17.5
176	18.7	14.6	21.8

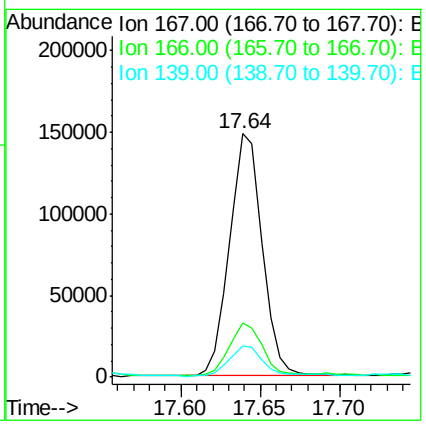


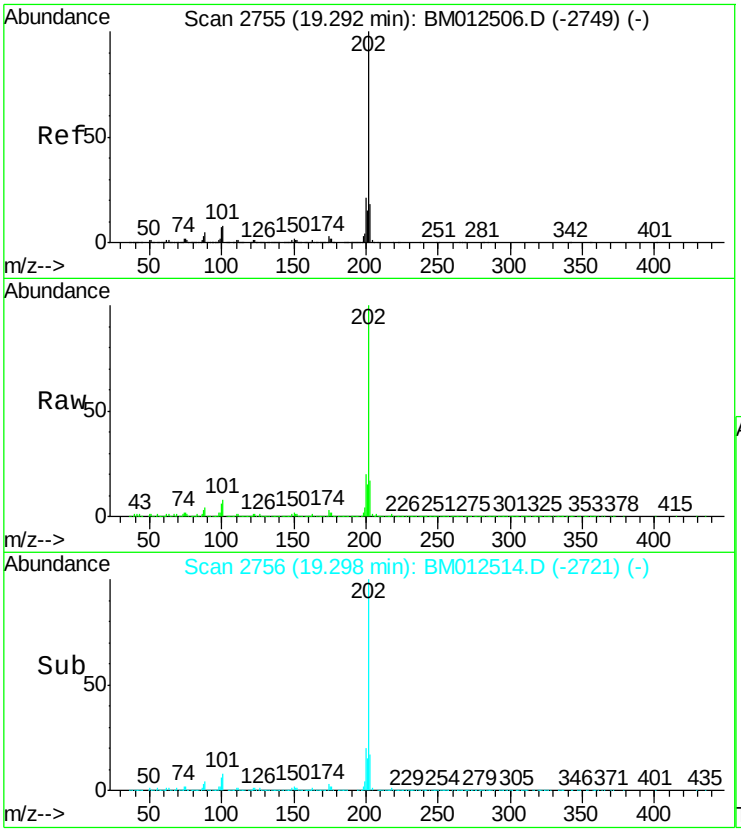


#72
Carbazole
Concen: 1.91 ng/ul
RT: 17.64 min Scan# 2474
Delta R.T. 0.00 min
Lab File: BM012514.D
Acq: 28 Oct 2017 08:27

Tgt Ion:167 Resp: 212339

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.1	25.7
139	12.9	10.0	15.0



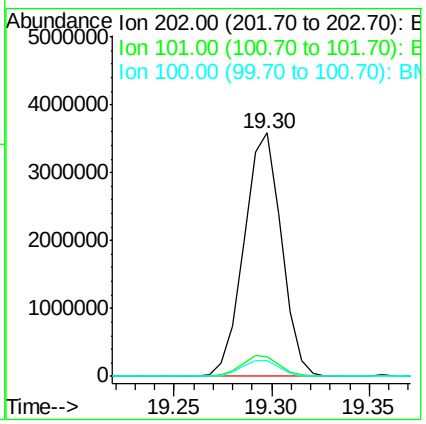


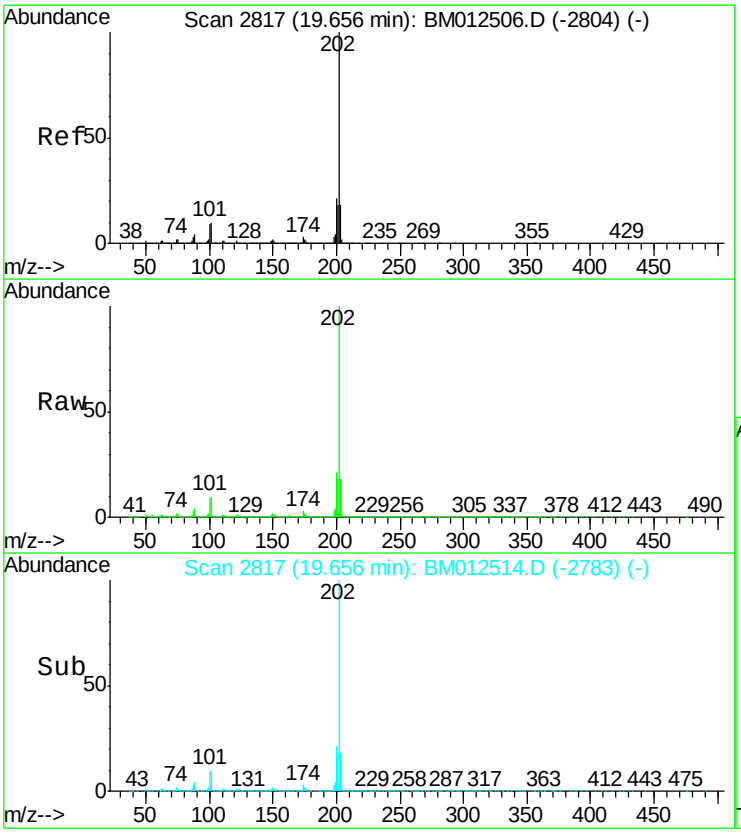
#74
Fluoranthene
Concen: 32.31 ng/ul
RT: 19.30 min Scan# 2756
Delta R.T. 0.01 min
Lab File: BM012514.D
Acq: 28 Oct 2017 08:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 4748728

Ion	Ratio	Lower	Upper
202	100		
101	8.0	4.6	7.0#
100	6.4	3.4	5.2#

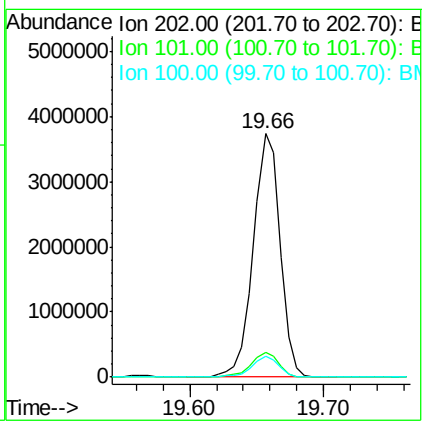


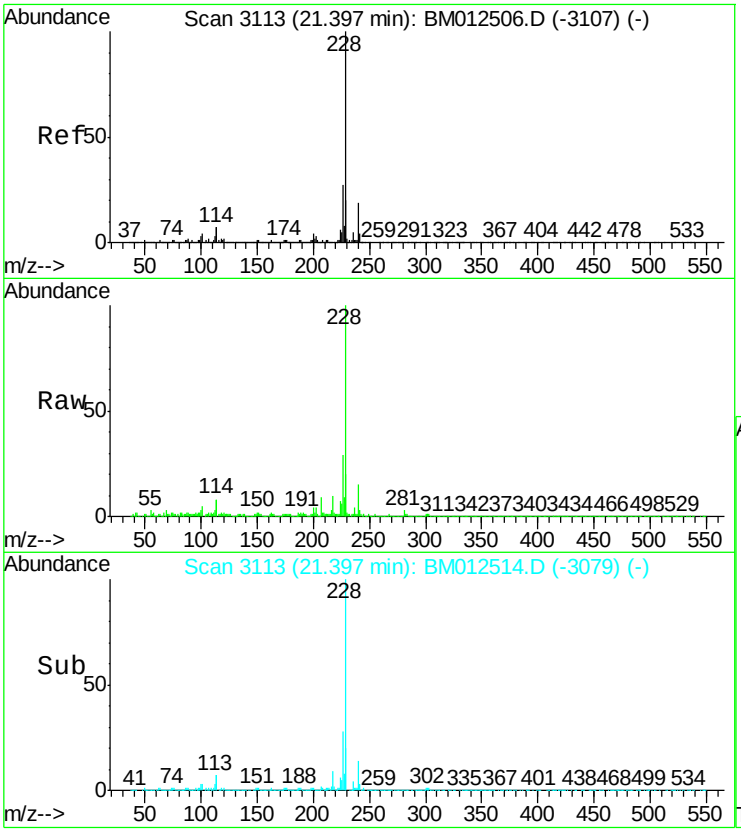


#77
Pyrene
Concen: 32.75 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BM012514.D
Acq: 28 Oct 2017 08:27

Tgt Ion:202 Resp: 5125669

Ion	Ratio	Lower	Upper
202	100		
101	10.1	5.1	7.7#
100	8.6	4.9	7.3#



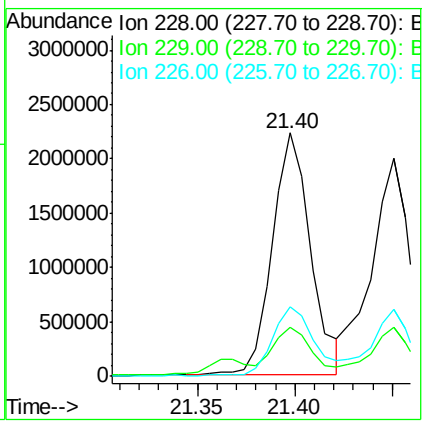


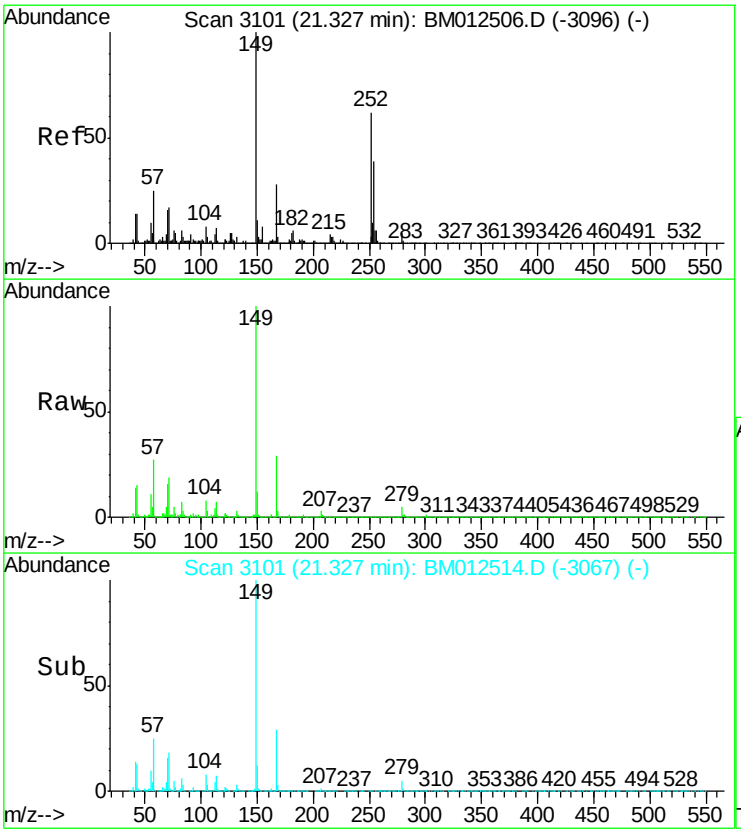
#80
Benzo(a)anthracene
Concen: 18.33 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BM012514.D
Acq: 28 Oct 2017 08:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 3021023

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.0
226	28.7	21.4	32.0

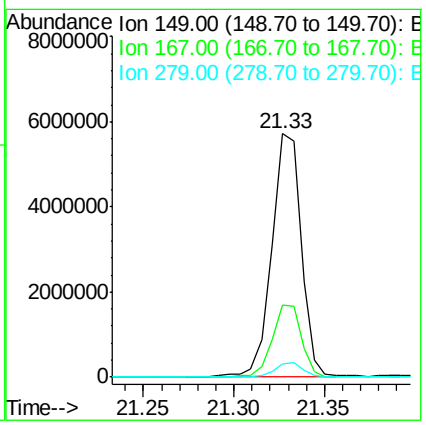


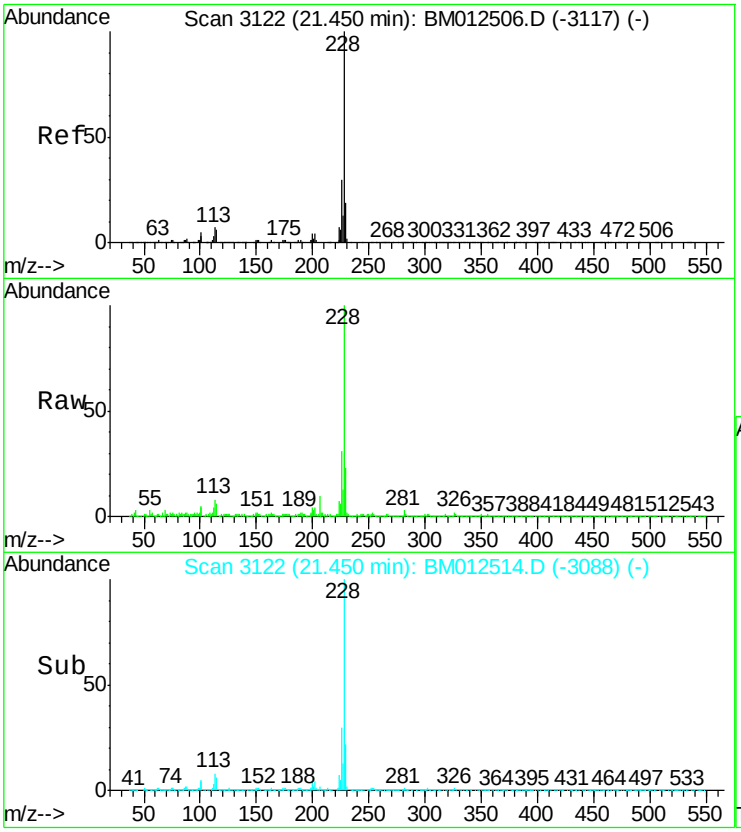


#81
Bis(2-ethylhexyl)phthalate
Concen: 68.31 ng/ul
RT: 21.33 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BM012514.D
Acq: 28 Oct 2017 08:27

Tgt Ion:149 Resp: 6408901

Ion	Ratio	Lower	Upper
149	100		
167	29.4	22.8	34.2
279	5.2	4.9	7.3



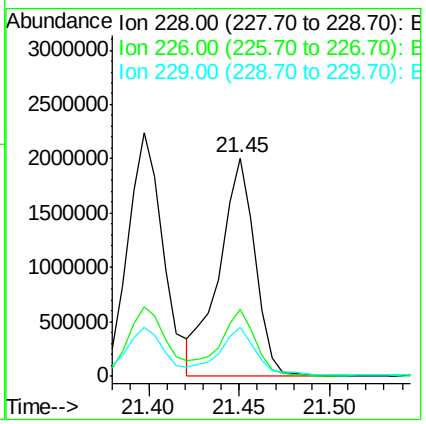


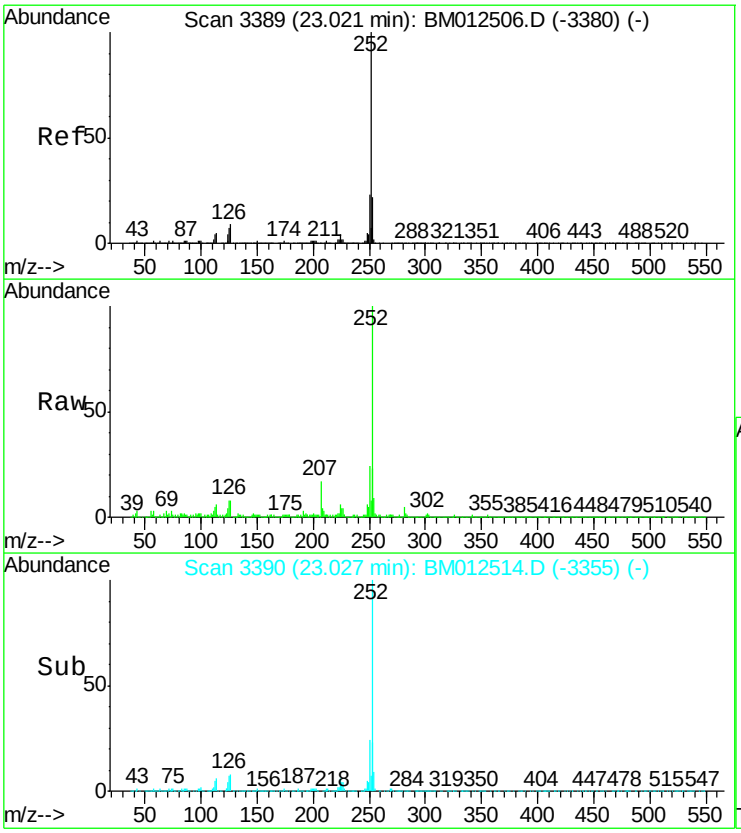
#82
Chrysene
Concen: 18.66 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BM012514.D
Acq: 28 Oct 2017 08:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2734804

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.2
229	22.7	15.5	23.3

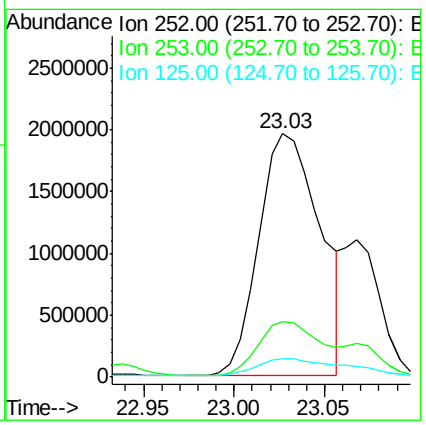


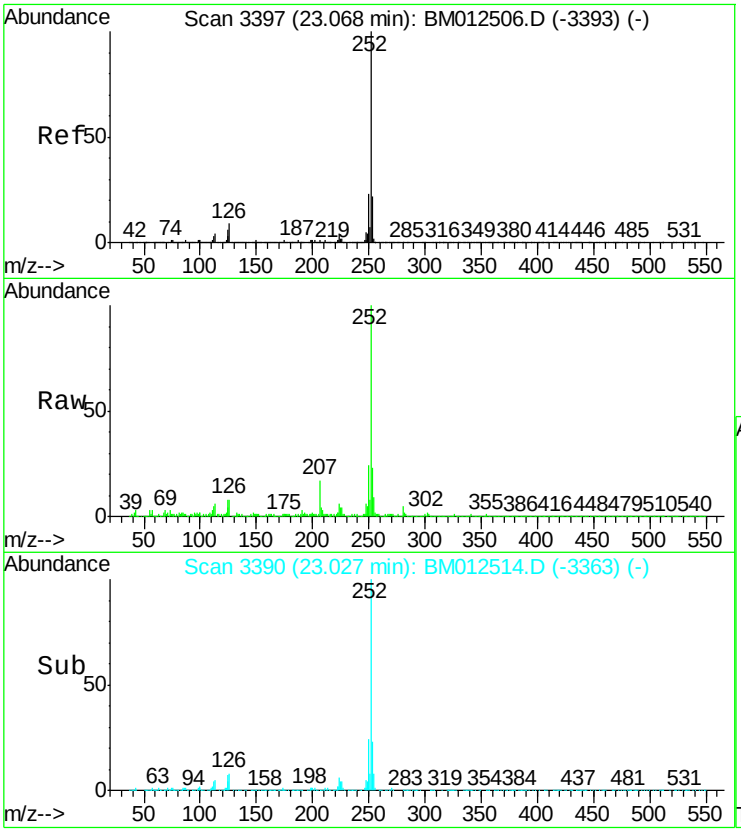


#85
Benzo(b)fluoranthene
Concen: 24.05 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. 0.01 min
Lab File: BM012514.D
Acq: 28 Oct 2017 08:27

Tgt Ion:252 Resp: 4630881

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	7.6	3.6	5.4#



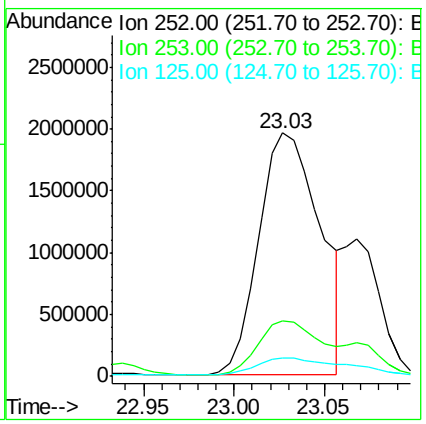


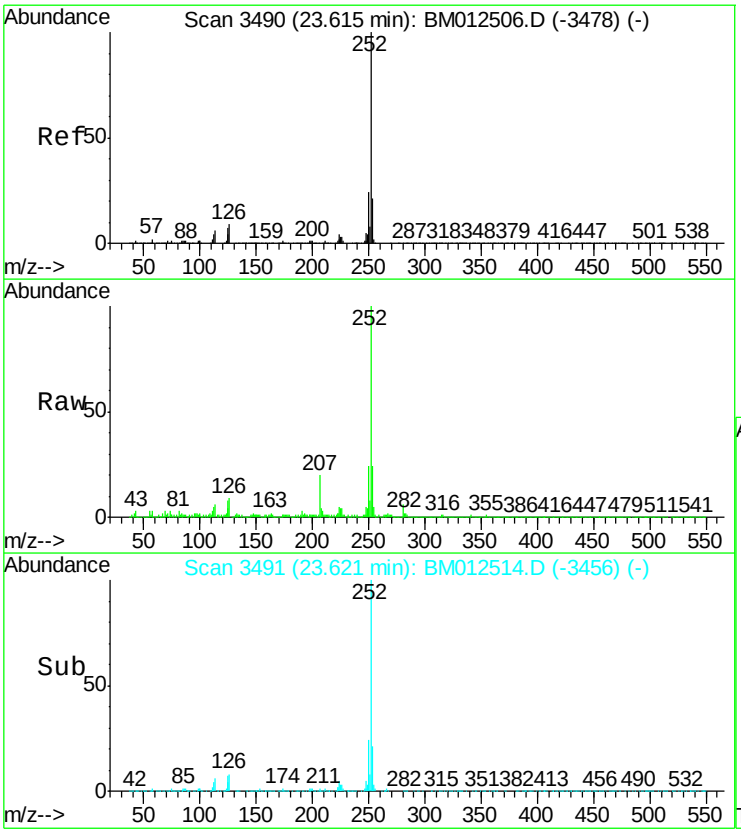
#86
Benzo(k)fluoranthene
Concen: 25.56 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. -0.04 min
Lab File: BM012514.D
Acq: 28 Oct 2017 08:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 4630881

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	7.6	3.4	5.2#

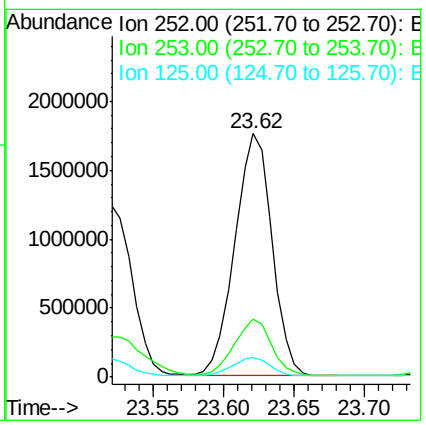


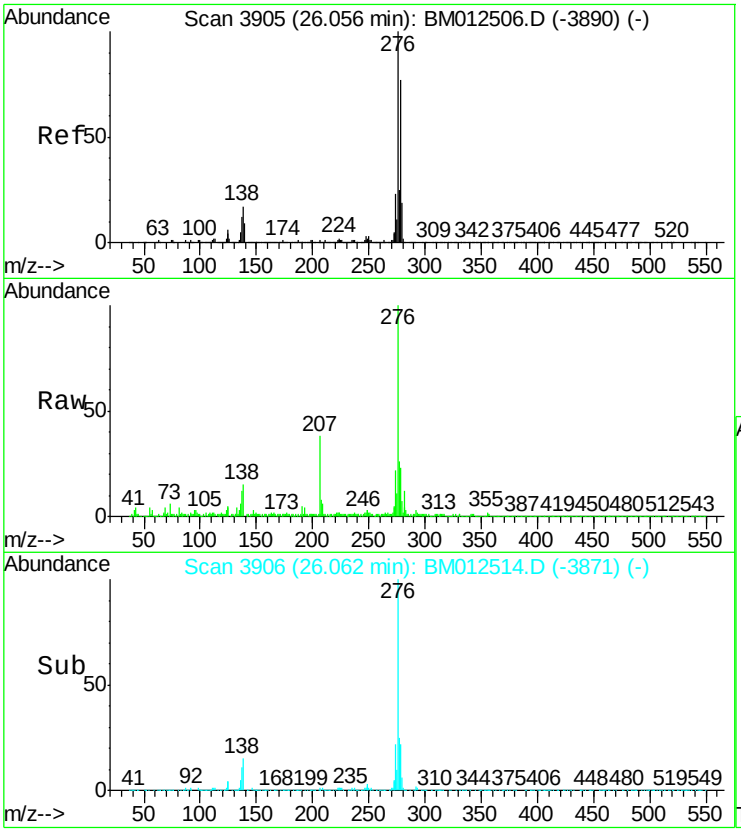


#88
Benzo(a)pyrene
Concen: 17.69 ng/ul
RT: 23.62 min Scan# 3491
Delta R.T. 0.01 min
Lab File: BM012514.D
Acq: 28 Oct 2017 08:27

Tgt Ion:252 Resp: 3246251

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	8.0	4.0	6.0#



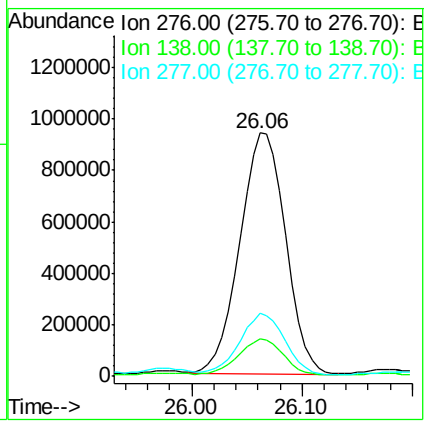


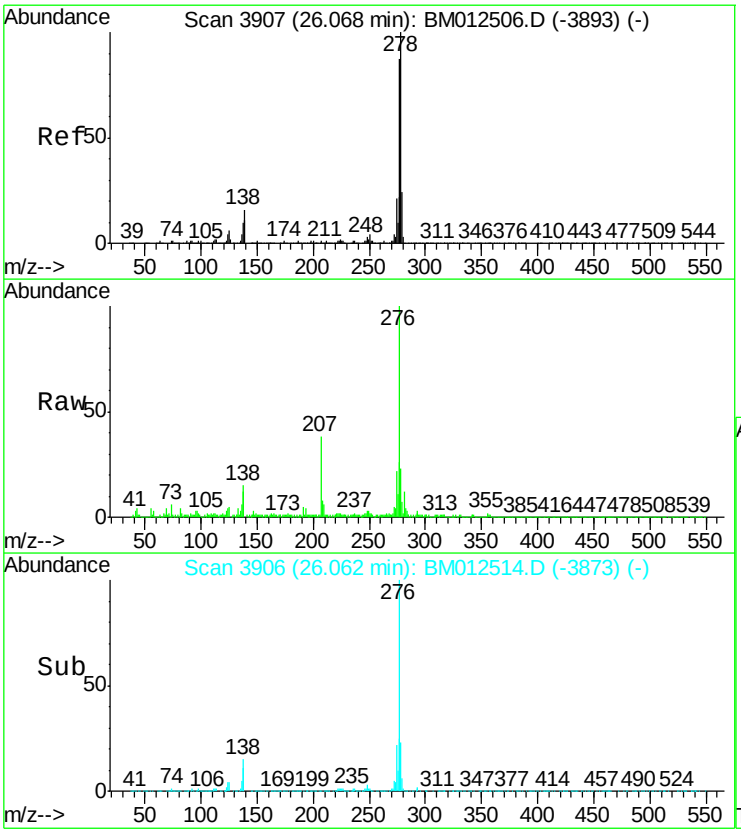
#89
Indeno(1,2,3-cd)pyrene
Concen: 12.61 ng/ul
RT: 26.06 min Scan# 3906
Delta R.T. 0.01 min
Lab File: BM012514.D
Acq: 28 Oct 2017 08:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 2724476

Ion	Ratio	Lower	Upper
276	100		
138	15.3	9.3	13.9#
277	25.7	19.9	29.9

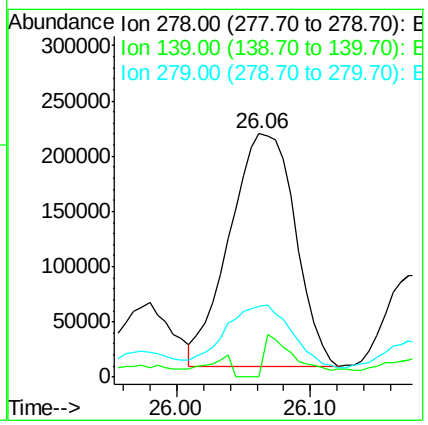


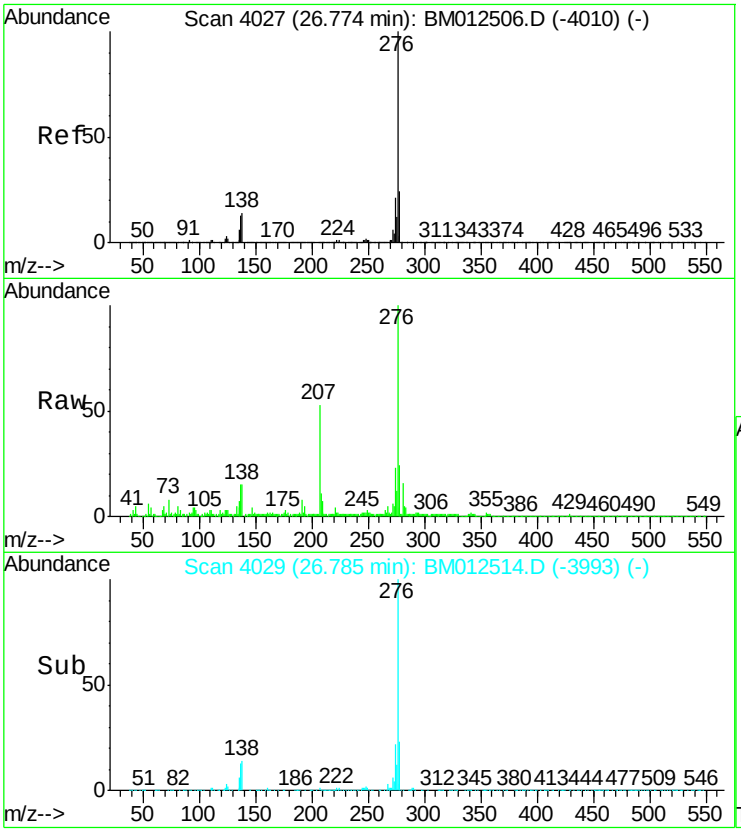


#90
Dibenzo(a,h)anthracene
Concen: 3.93 ng/ul
RT: 26.06 min Scan# 3906
Delta R.T. -0.01 min
Lab File: BM012514.D
Acq: 28 Oct 2017 08:27

Tgt Ion:278 Resp: 719347

Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	29.3	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 12.36 ng/ul
RT: 26.79 min Scan# 4029
Delta R.T. 0.01 min
Lab File: BM012514.D
Acq: 28 Oct 2017 08:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 2163904

Ion	Ratio	Lower	Upper
276	100		
138	14.6	8.5	12.7#
277	23.9	18.6	28.0