Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
Data File : BM012847.D
Acq On : 09 Nov 2017 10:54
Operator : SJ/JU
Sample : I6096-04MS 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Nov 09 12:00:47 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 05:48:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	120732	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	512842	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	316083	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	694955	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	591100	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	604995	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	946	0.42	ng/uL	0.00
5) Phenol-d5	6.99	99	31866	3.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	16464	3.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	25123	3.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	23265	3.00	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	14004	3.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	11554	2.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	27310	3.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	298	0.03	ng/ul	0.02
43) Dimethylphthalate-d6	13.85	166	89639	3.43	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	105034	3.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	10035	2.39	ng/ul	0.01
57) Fluorene-d10	15.44	176	80655	3.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.29	188	121347	3.61	ng/ul	0.00
78) Pyrene-d10	19.59	212	110419	4.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	101041	3.53	ng/ul	0.01
Target Compounds						Qvalue
4) Benzaldehyde	6.95	77	10134	2.121	ng/ul#	1
6) Phenol	7.01	94	36761	3.986	ng/ul#	94
10) 2-Chlorophenol	7.37	128	25787	3.345	ng/ul	94
14) Acetophenone	8.60	105	34266	2.937	ng/ul#	38
15) N-Nitroso-di-n-propylamine	8.60	70	17084	3.046	ng/ul	97
17) Hexachloroethane	8.90	117	24769	7.982	ng/ul#	7
28) Naphthalene	10.65	128	74033	2.887	ng/ul	99
33) 4-Chloro-3-methylphenol	11.89	107	29567	3.510	ng/ul	96
44) Dimethylphthalate	13.90	163	57159	2.202	ng/ul#	97
49) Acenaphthene	14.50	153	68860	3.223	ng/ul	99
52) 4-Nitrophenol	14.69	109	8297	2.244	ng/ul	90
54) 2,4-Dinitrotoluene	14.83	165	18434	2.413	ng/ul#	97
68) Pentachlorophenol	16.85	266	13767	2.364	ng/ul	89
69) Phenanthrene	17.23	178	155557	4.095	ng/ul	98
71) Anthracene	17.23	178	155557	3.950	ng/ul	97
75) Di-n-butylphthalate	18.14	149	38982	1.013	ng/ul#	76
76) Fluoranthene	19.25	202	266808	5.845	ng/ul#	91
79) Pyrene	19.62	202	359027	10.180	ng/ul#	93
82) Benzo(a)anthracene	21.36	228	132050	3.692	ng/ul#	93
83) Bis(2-ethylhexyl)phthalate	21.28	149	93465	4.989	ng/ul#	90
84) Chrysene	21.41	228	148074	4.568	ng/ul#	92
87) Benzo(b)fluoranthene	22.97	252	195881	5.298	ng/ul#	84
88) Benzo(k)fluoranthene	22.97	252	195881	5.574	ng/ul#	84

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
Data File : BM012847.D
Acq On : 09 Nov 2017 10:54
Operator : SJ/JU
Sample : I6096-04MS 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Nov 09 12:00:47 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 05:48:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(a)pyrene	23.56	252	127753	3.631	ng/ul#	89
91) Indeno(1,2,3-cd)pyrene	25.99	276	102380	2.415	ng/ul#	84
93) Benzo(g,h,i)perylene	26.70	276	100968	2.890	ng/ul#	91

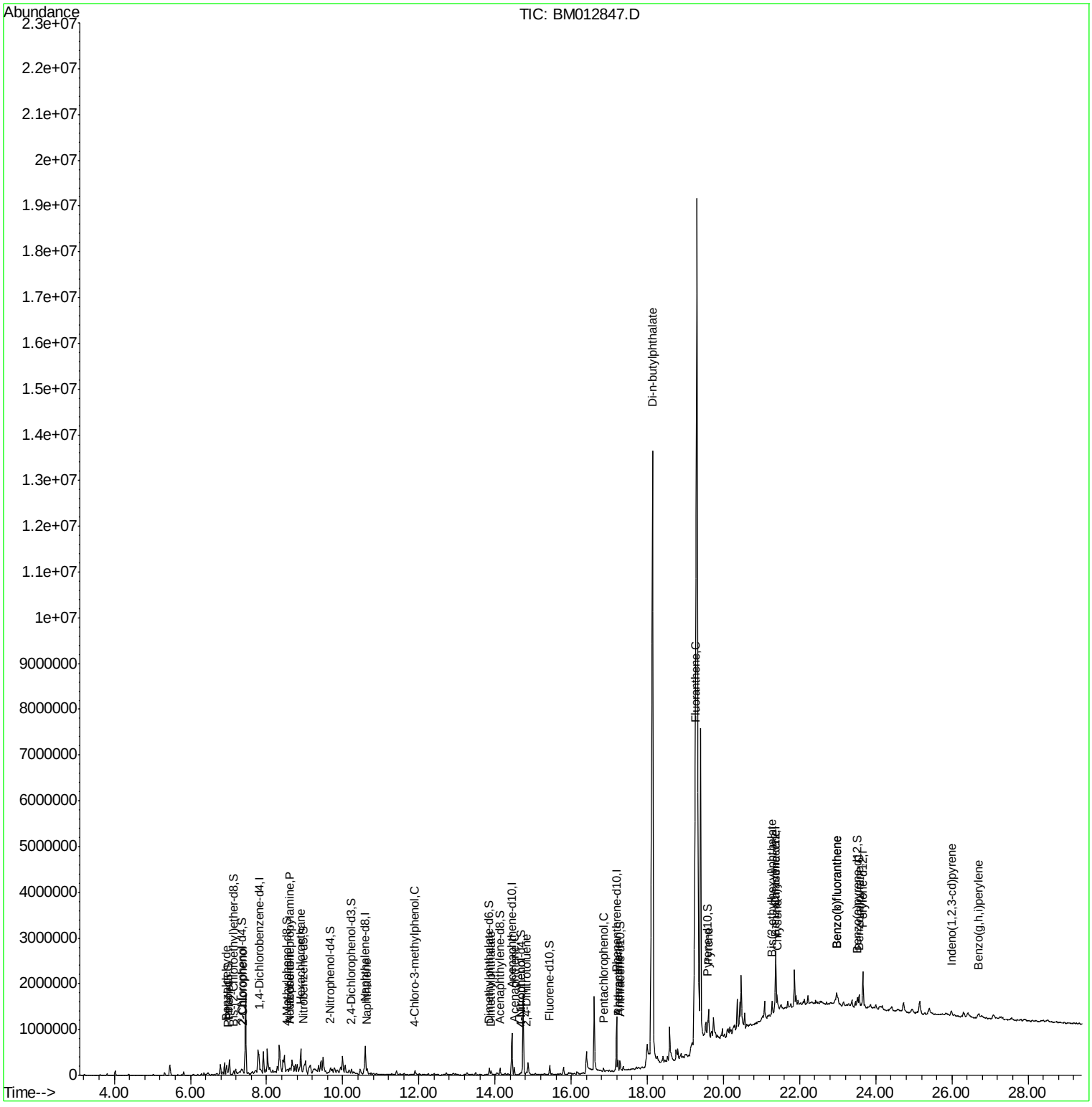
(#) = qualifier out of range (m) = manual integration (+) = signals summed

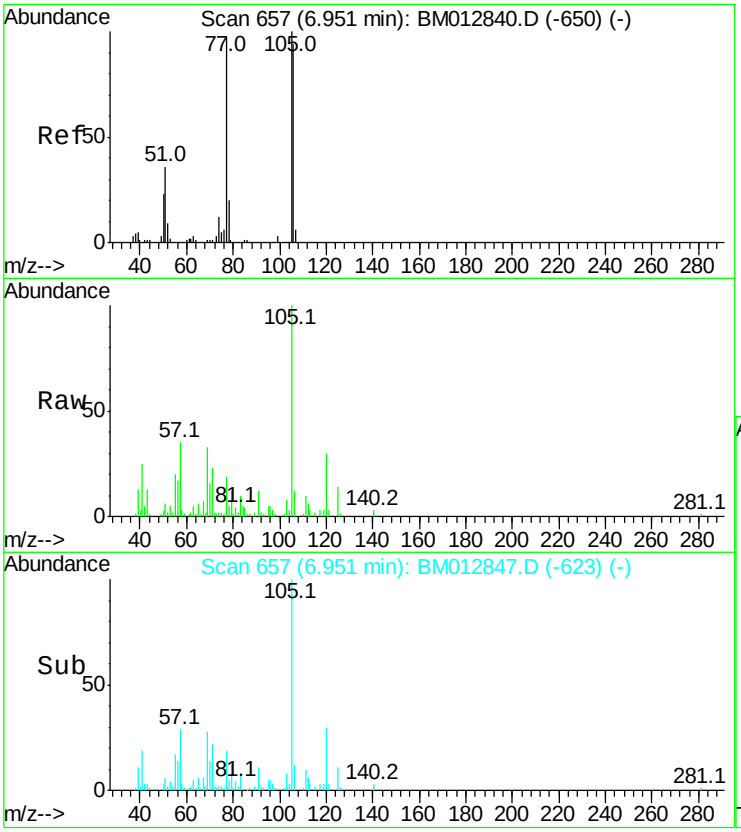
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
Data File : BM012847.D
Acq On : 09 Nov 2017 10:54
Operator : SJ/JU
Sample : I6096-04MS 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 09 12:00:47 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 05:48:58 2017
Response via : Initial Calibration



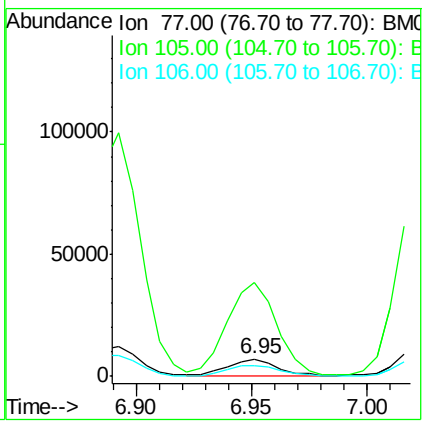


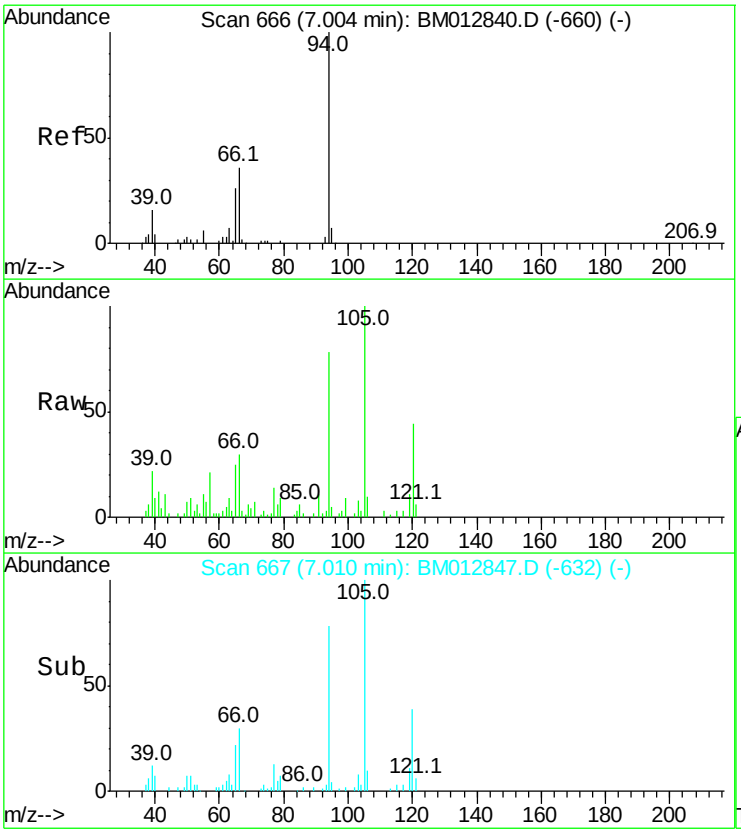
#4
Benzaldehyde
Concen: 2.121 ng/ul
RT: 6.95 min Scan# 657
Delta R.T. -0.00 min
Lab File: BM012847.D
Acq: 09 Nov 2017 10:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 10134

Ion	Ratio	Lower	Upper
77	100		
105	540.5	80.6	120.8#
106	64.1	77.7	116.5#

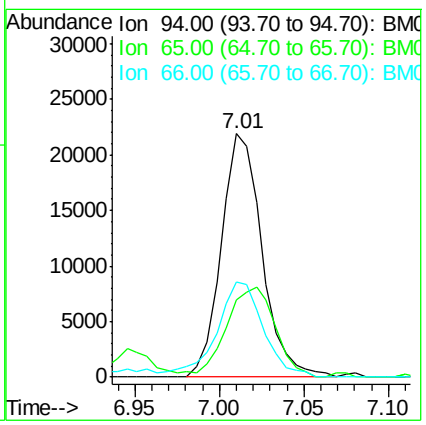


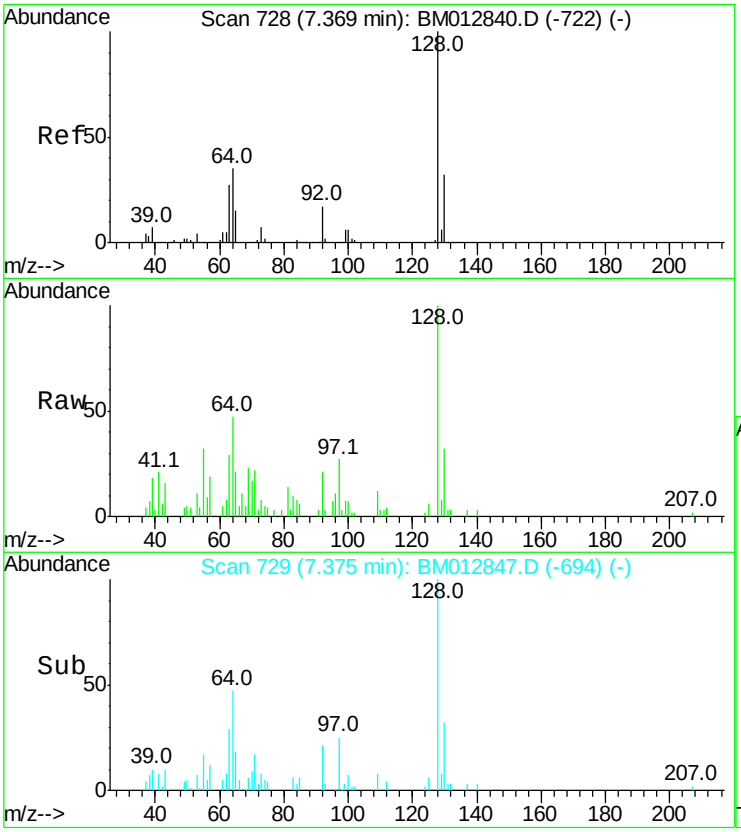


#6
Phenol
Concen: 3.986 ng/ul
RT: 7.01 min Scan# 667
Delta R.T. 0.01 min
Lab File: BM012847.D
Acq: 09 Nov 2017 10:54

Tgt Ion: 94 Resp: 36761

Ion	Ratio	Lower	Upper
94	100		
65	31.6	21.0	31.6#
66	38.8	29.3	43.9



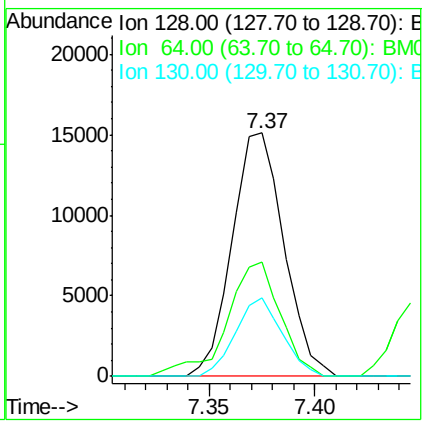


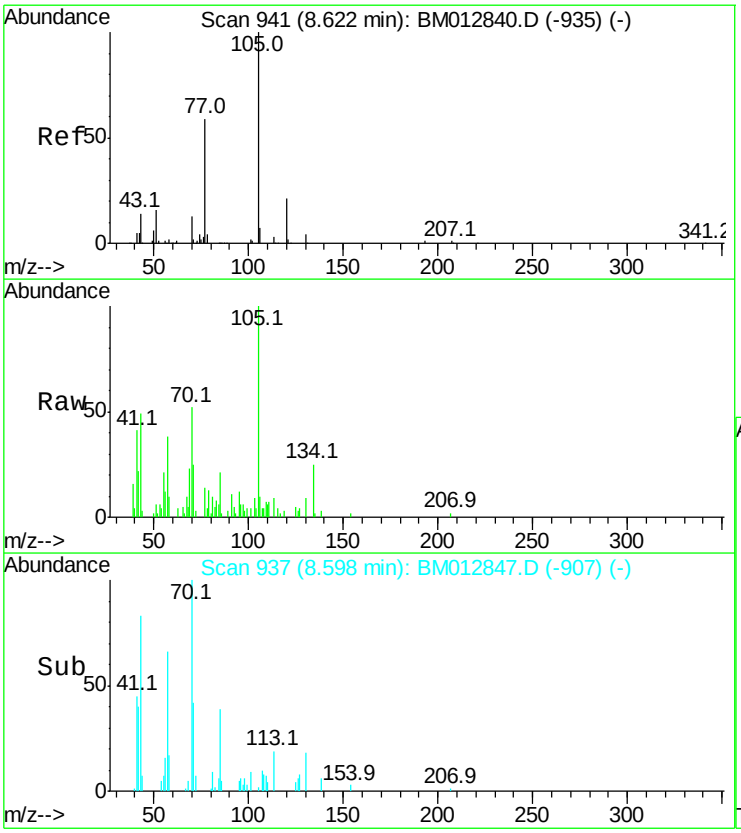
#10
2-Chlorophenol
Concen: 3.345 ng/ul
RT: 7.37 min Scan# 729
Delta R.T. 0.01 min
Lab File: BM012847.D
Acq: 09 Nov 2017 10:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 25787

Ion	Ratio	Lower	Upper
128	100		
64	46.8	31.9	47.9
130	32.2	25.6	38.4

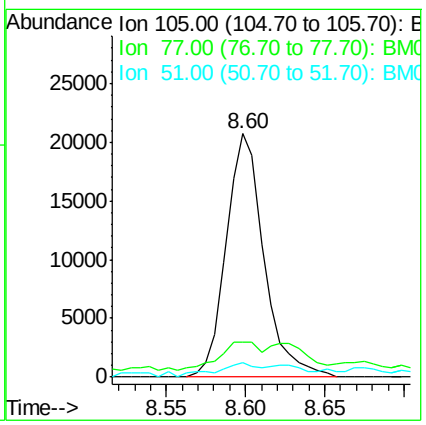


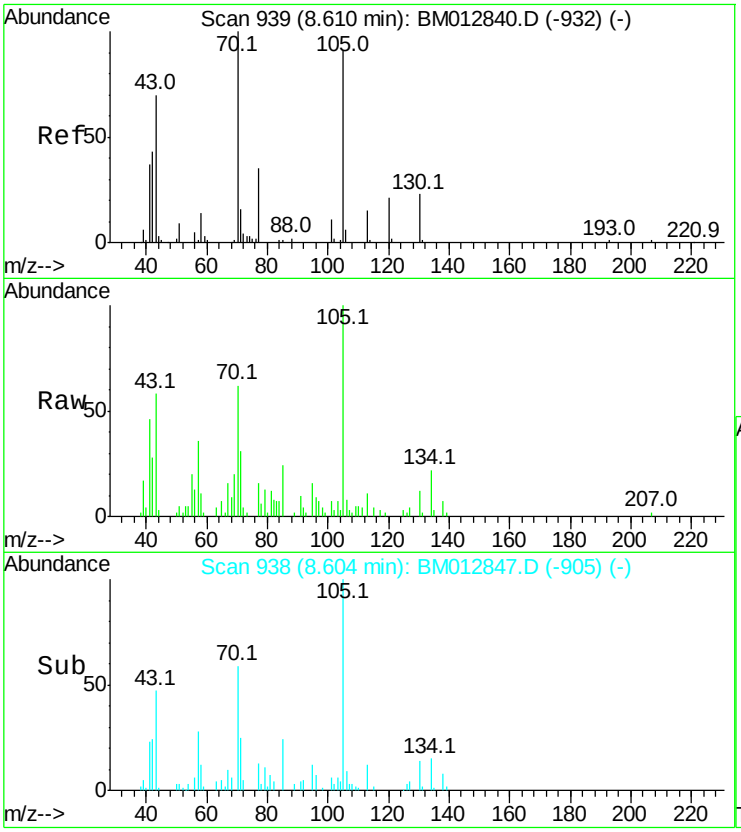


#14
Acetophenone
Concen: 2.937 ng/ul
RT: 8.60 min Scan# 937
Delta R.T. -0.02 min
Lab File: BM012847.D
Acq: 09 Nov 2017 10:54

Tgt Ion:105 Resp: 34266

Ion	Ratio	Lower	Upper
105	100		
77	14.5	59.0	88.4#
51	6.1	16.4	24.6#



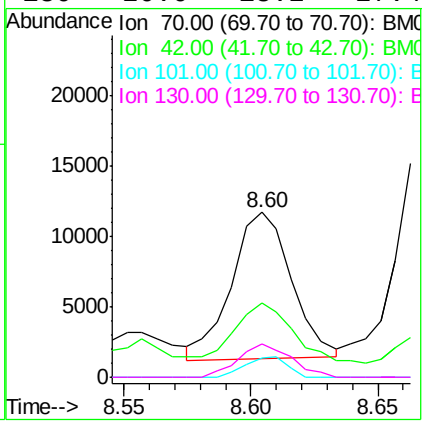


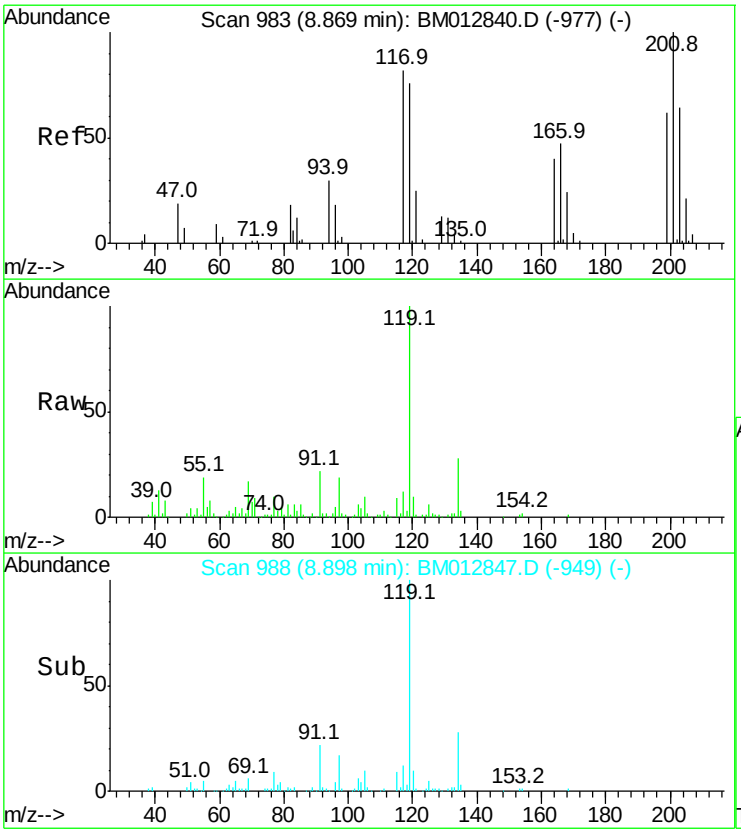
#15
N-Nitroso-di-n-propylamine
Concen: 3.046 ng/ul
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BM012847.D
Acq: 09 Nov 2017 10:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 17084

Ion	Ratio	Lower	Upper
70	100		
42	44.8	35.4	53.0
101	11.7	8.4	12.6
130	20.0	18.2	27.4

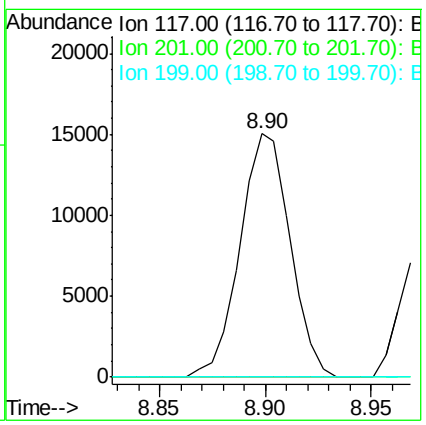


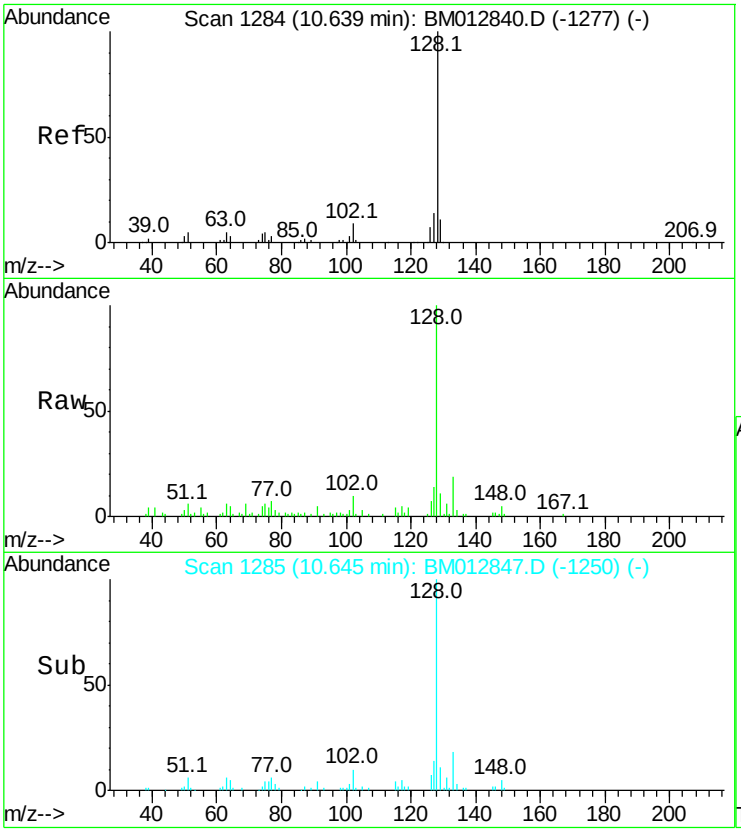


#17
Hexachloroethane
Concen: 7.982 ng/ul
RT: 8.90 min Scan# 988
Delta R.T. 0.03 min
Lab File: BM012847.D
Acq: 09 Nov 2017 10:54

Tgt Ion:117 Resp: 24769

Ion	Ratio	Lower	Upper
117	100		
201	0.0	81.5	122.3#
199	0.0	50.6	76.0#



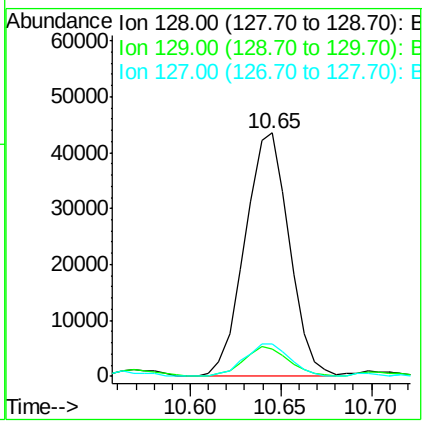


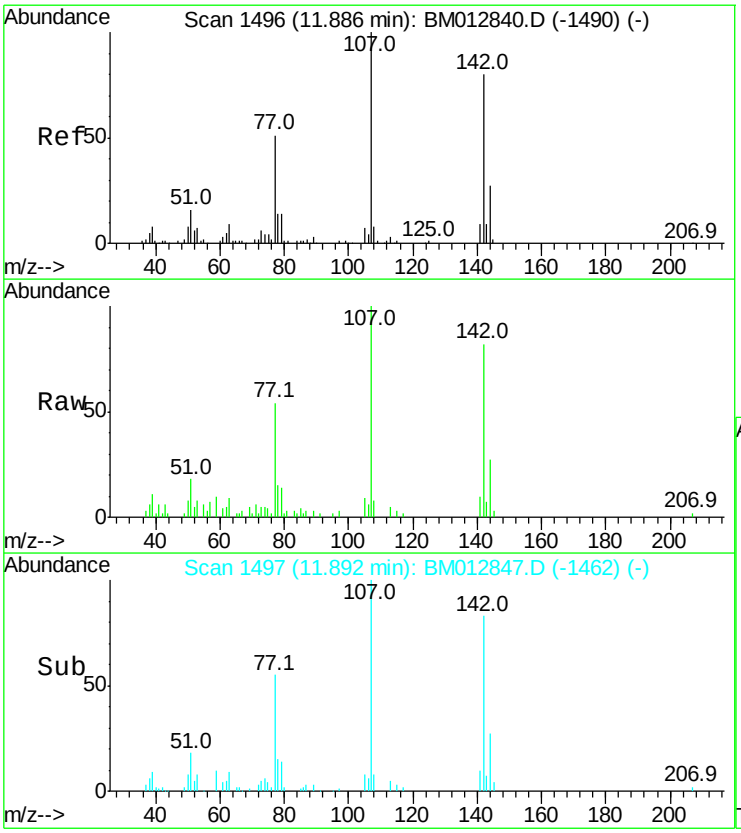
#28
Naphthalene
Concen: 2.887 ng/ul
RT: 10.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BM012847.D
Acq: 09 Nov 2017 10:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 74033

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.5	10.5	15.7

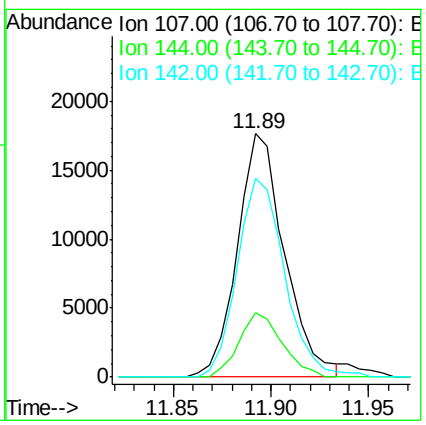


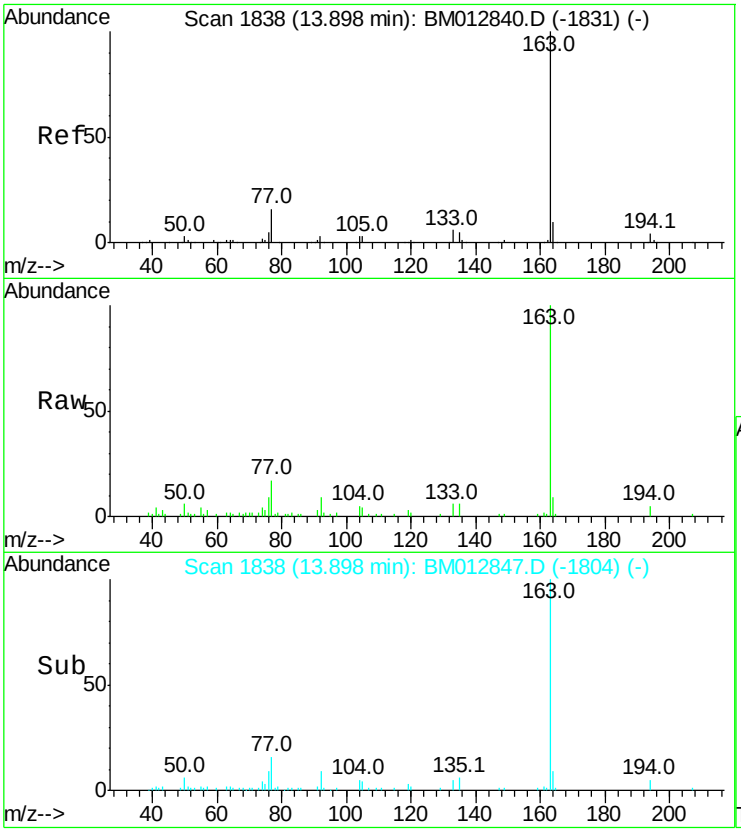


#33
4-Chloro-3-methylphenol
Concen: 3.510 ng/ul
RT: 11.89 min Scan# 1497
Delta R.T. 0.01 min
Lab File: BM012847.D
Acq: 09 Nov 2017 10:54

Tgt Ion:107 Resp: 29567

Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.4	30.6
142	81.7	62.5	93.7



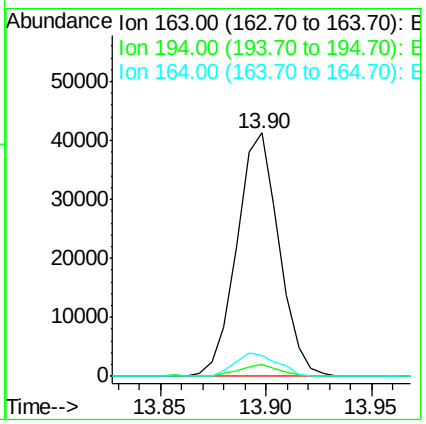


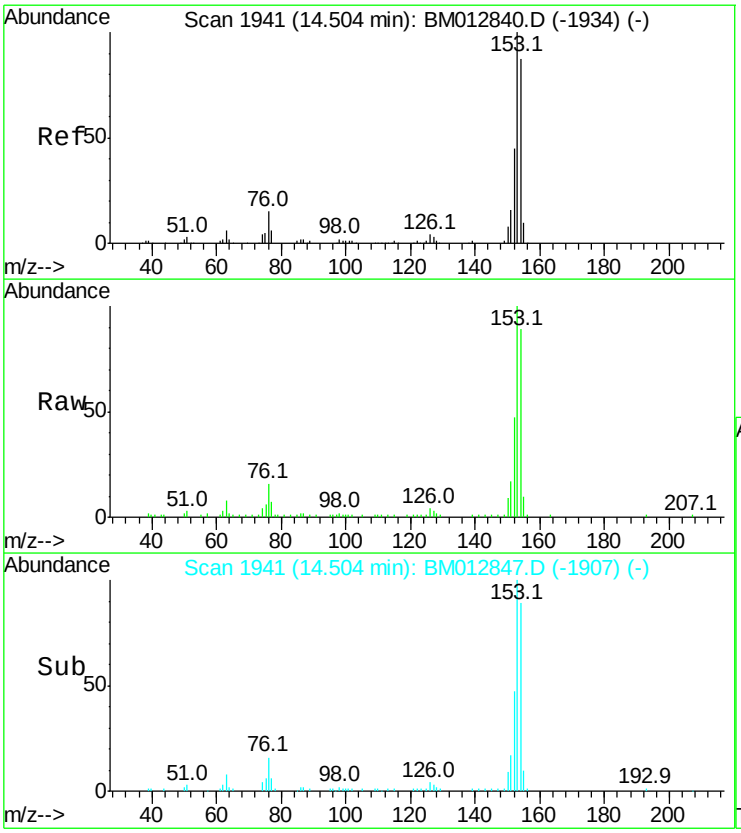
#44
Dimethylphthalate
Concen: 2.202 ng/ul
RT: 13.90 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BM012847.D
Acq: 09 Nov 2017 10:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 57159

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.2	4.8#
164	8.7	7.8	11.8

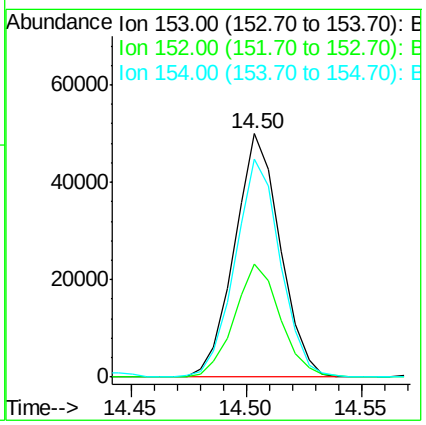


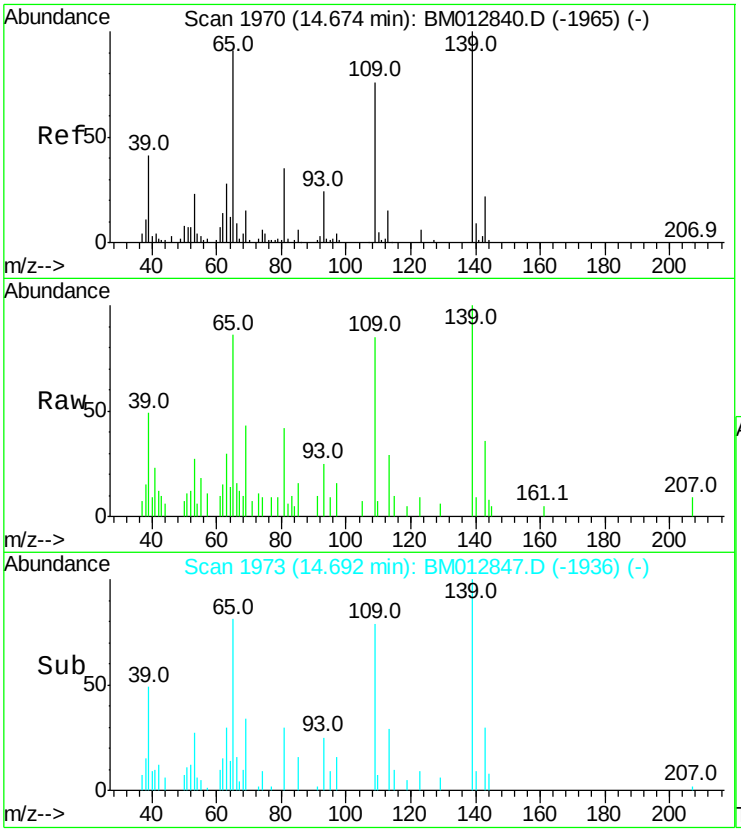


#49
Acenaphthene
Concen: 3.223 ng/ul
RT: 14.50 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BM012847.D
Acq: 09 Nov 2017 10:54

Tgt Ion:153 Resp: 68860

Ion	Ratio	Lower	Upper
153	100		
152	46.6	38.3	57.5
154	89.4	71.8	107.8



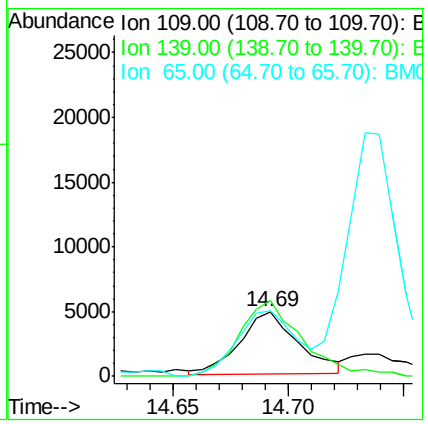


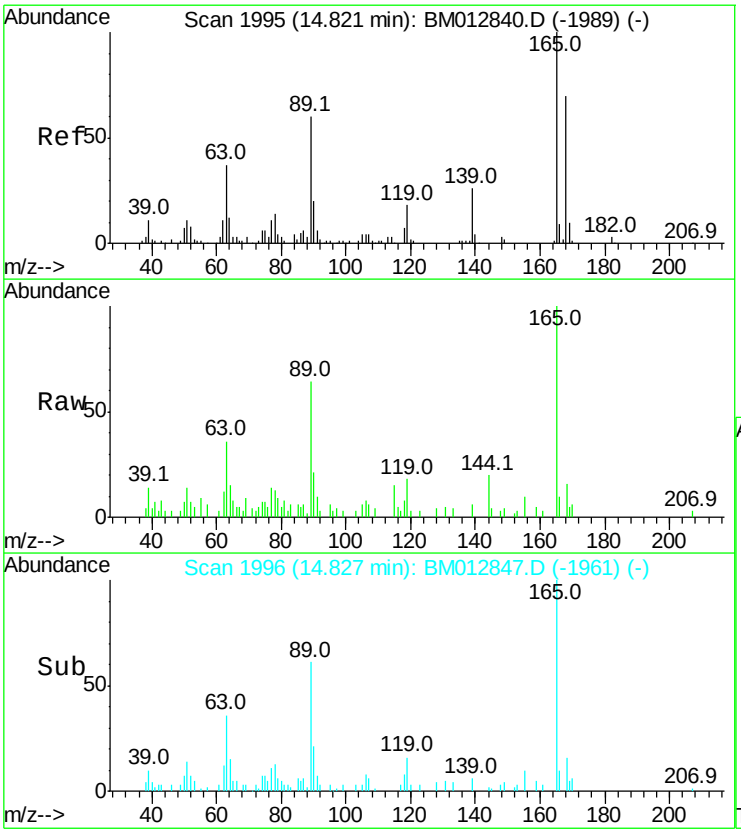
#52
4-Nitrophenol
Concen: 2.244 ng/ul
RT: 14.69 min Scan# 1973
Delta R.T. 0.02 min
Lab File: BM012847.D
Acq: 09 Nov 2017 10:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:109 Resp: 8297

Ion	Ratio	Lower	Upper
109	100		
139	117.9	103.7	155.5
65	101.6	89.4	134.2

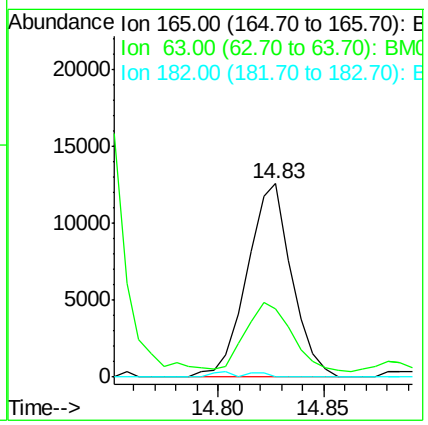


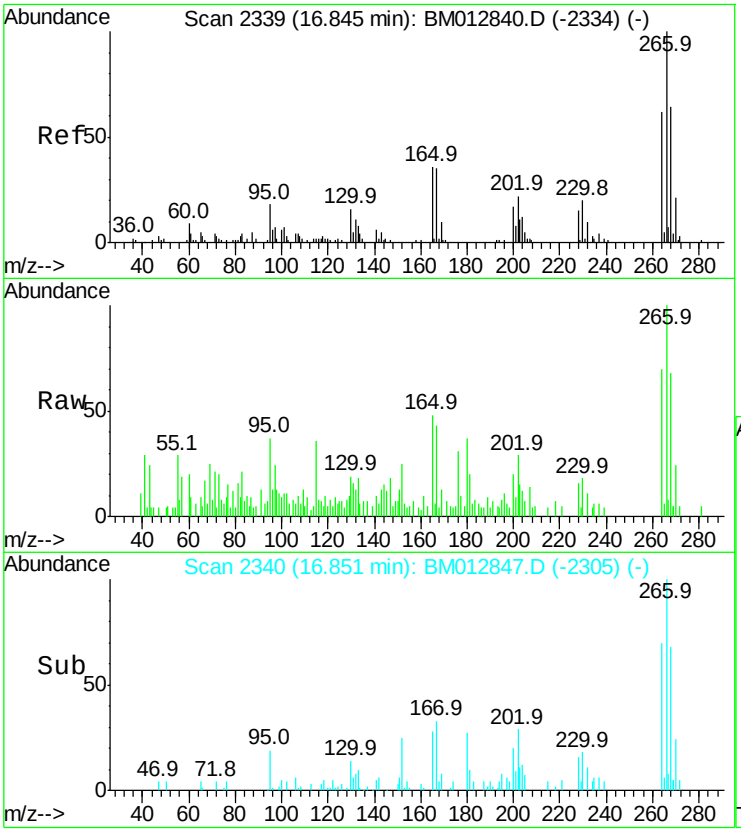


#54
2,4-Dinitrotoluene
Concen: 2.413 ng/ul
RT: 14.83 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BM012847.D
Acq: 09 Nov 2017 10:54

Tgt Ion:165 Resp: 18434

Ion	Ratio	Lower	Upper
165	100		
63	35.5	29.8	44.6
182	0.0	2.2	3.4#



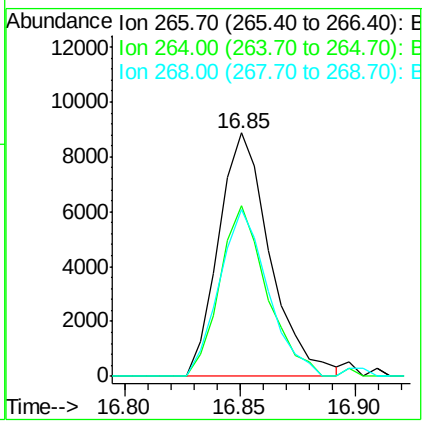


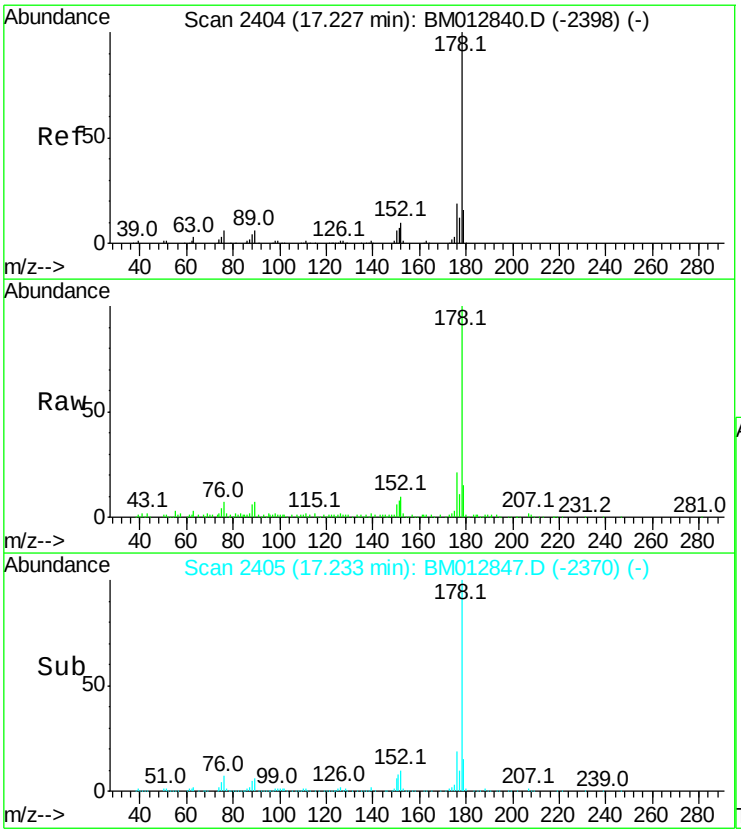
#68
Pentachlorophenol
Concen: 2.364 ng/ul
RT: 16.85 min Scan# 2340
Delta R.T. 0.01 min
Lab File: BM012847.D
Acq: 09 Nov 2017 10:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 13767

Ion	Ratio	Lower	Upper
266	100		
264	69.9	50.5	75.7
268	73.3	50.9	76.3

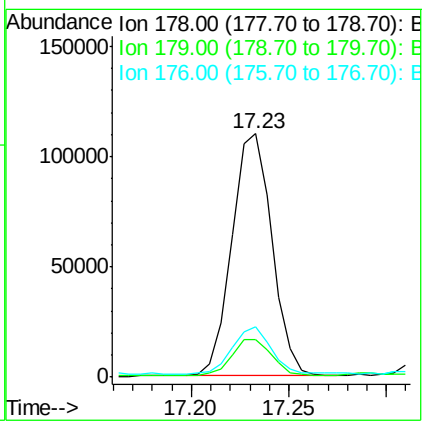


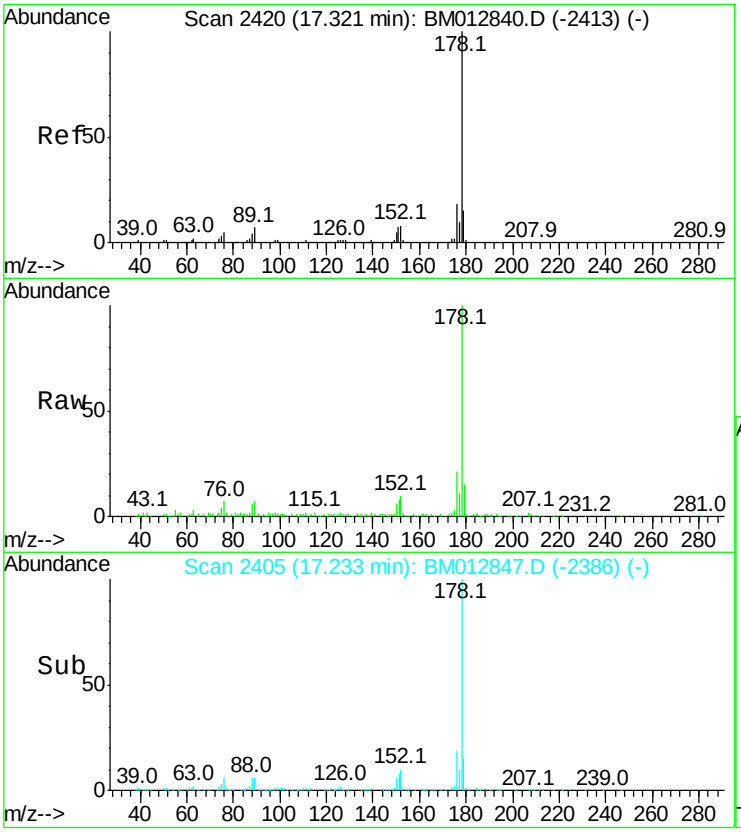


#69
Phenanthrene
Concen: 4.095 ng/ul
RT: 17.23 min Scan# 2405
Delta R.T. 0.01 min
Lab File: BM012847.D
Acq: 09 Nov 2017 10:54

Tgt Ion:178 Resp: 155557

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	20.8	15.6	23.4



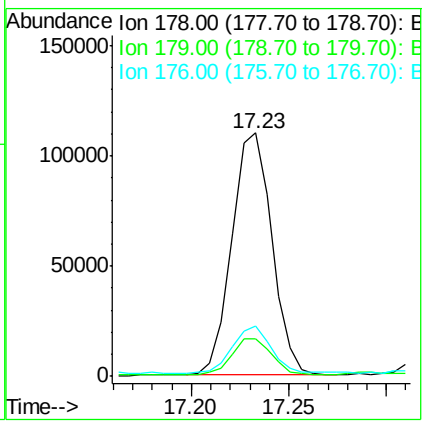


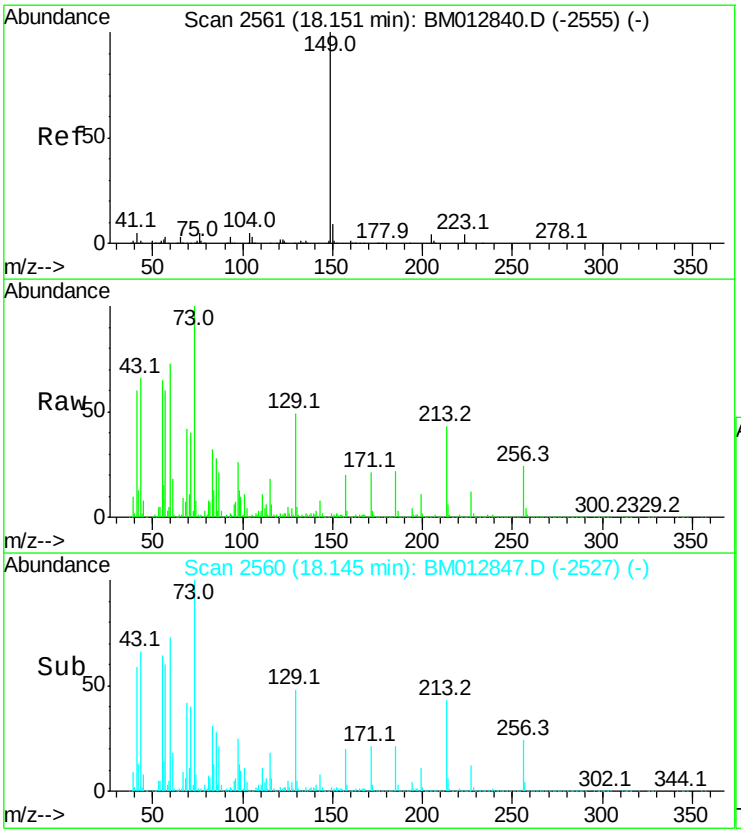
#71
Anthracene
Concen: 3.950 ng/ul
RT: 17.23 min Scan# 2405
Delta R.T. -0.09 min
Lab File: BM012847.D
Acq: 09 Nov 2017 10:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 155557

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.1	18.1
176	20.8	14.8	22.2

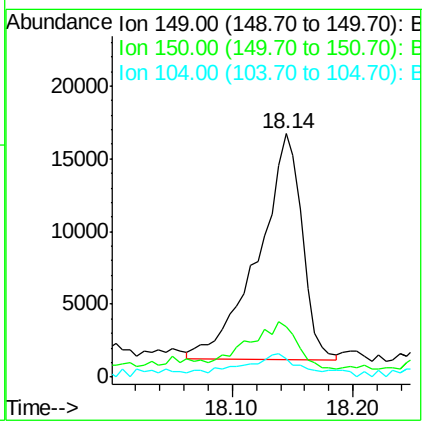


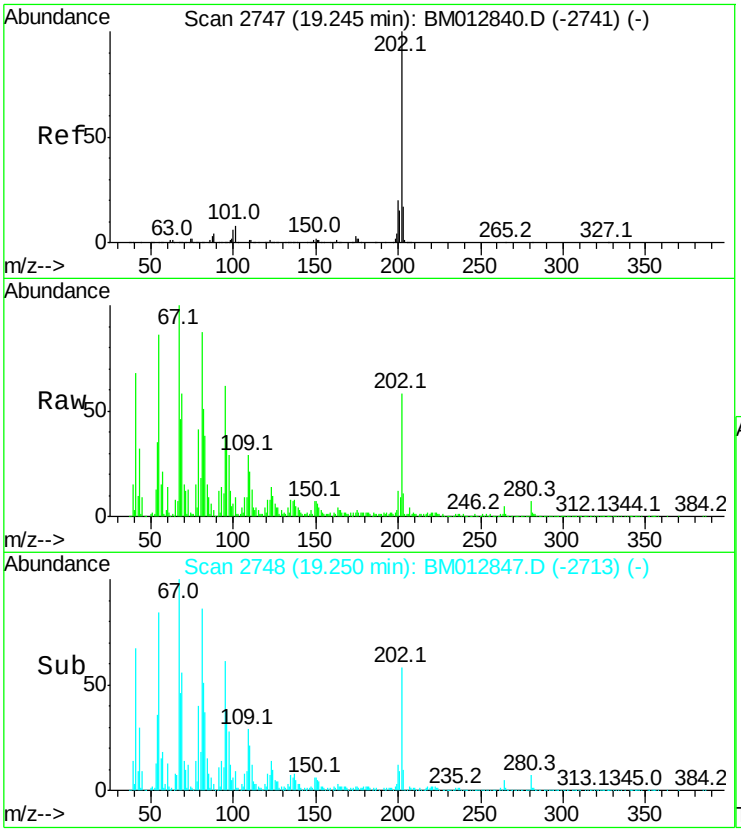


#75
Di-n-butylphthalate
Concen: 1.013 ng/ul
RT: 18.14 min Scan# 2560
Delta R.T. -0.01 min
Lab File: BM012847.D
Acq: 09 Nov 2017 10:54

Tgt Ion:149 Resp: 38982

Ion	Ratio	Lower	Upper
149	100		
150	20.8	7.4	11.0#
104	7.6	4.0	6.0#



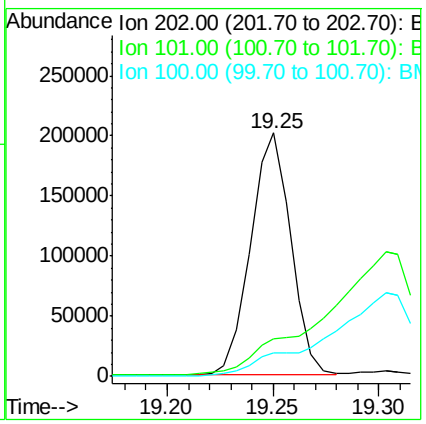


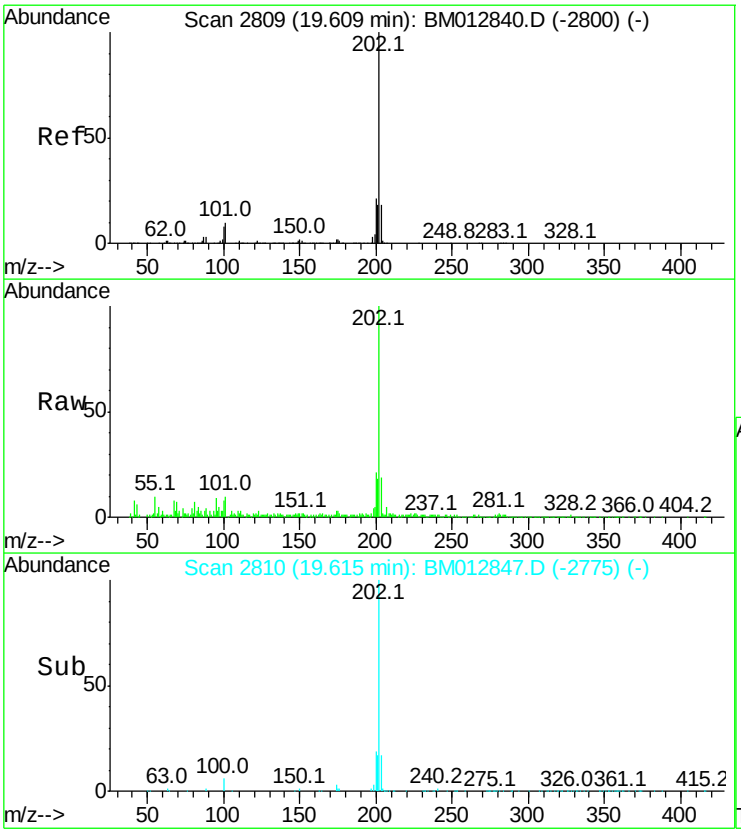
#76
Fluoranthene
Concen: 5.845 ng/ul
RT: 19.25 min Scan# 2748
Delta R.T. 0.01 min
Lab File: BM012847.D
Acq: 09 Nov 2017 10:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 266808

Ion	Ratio	Lower	Upper
202	100		
101	15.6	8.8	13.2#
100	9.8	6.6	9.8

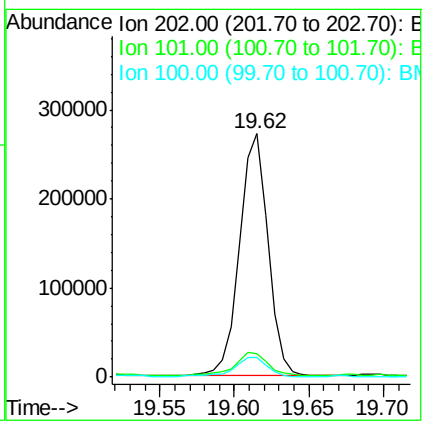


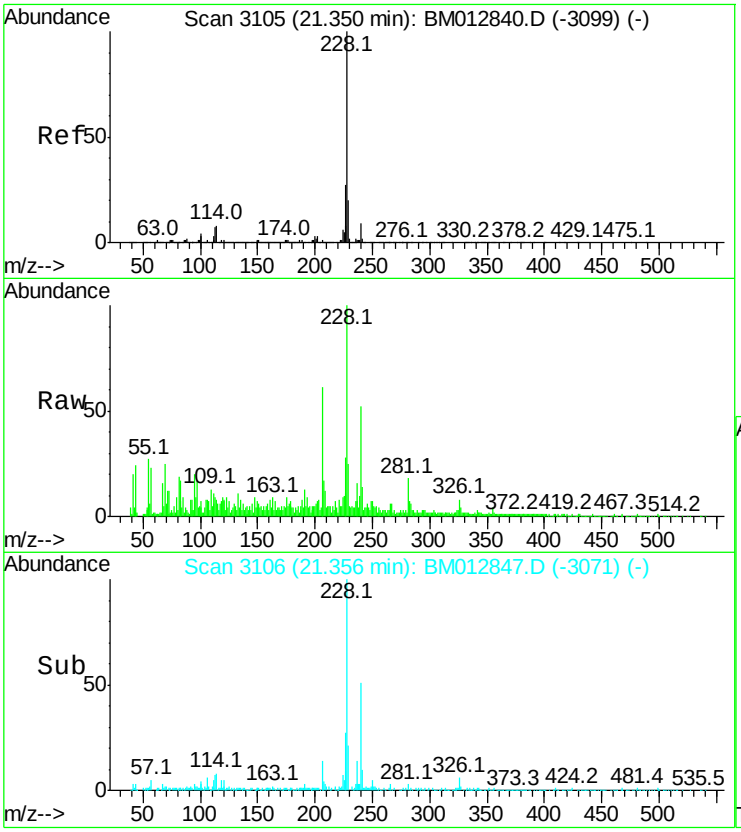


#79
Pyrene
Concen: 10.180 ng/ul
RT: 19.62 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BM012847.D
Acq: 09 Nov 2017 10:54

Tgt Ion:202 Resp: 359027

Ion	Ratio	Lower	Upper
202	100		
101	9.9	10.2	15.2#
100	8.0	8.5	12.7#



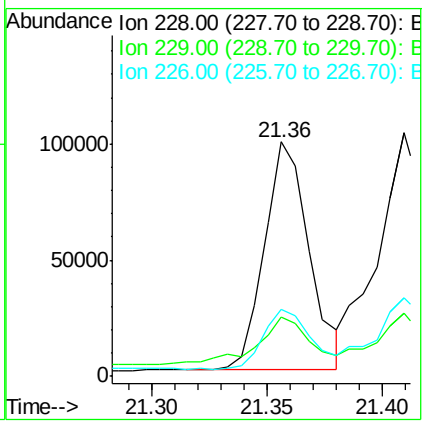


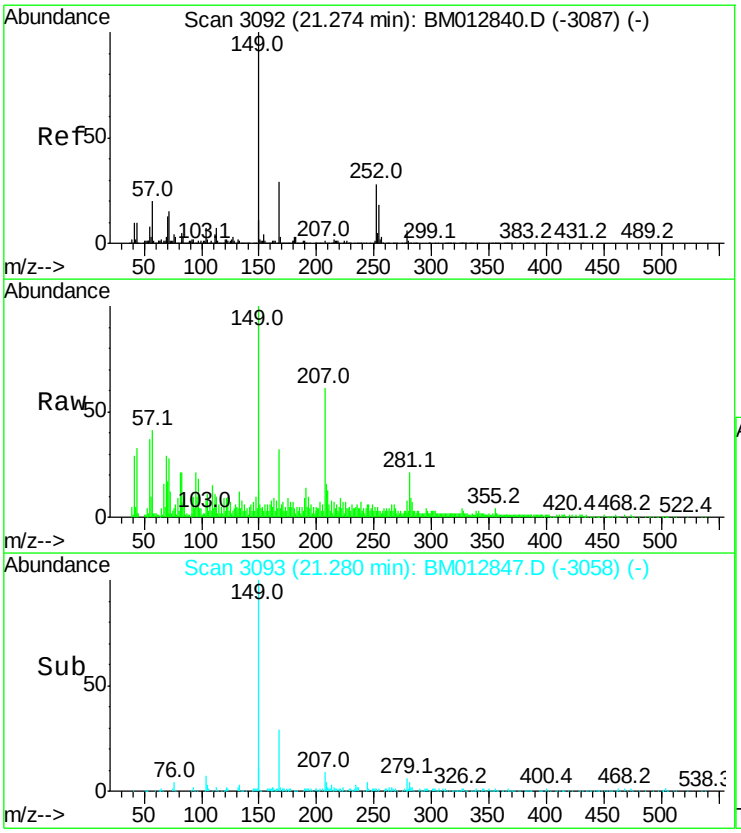
#82
Benzo(a)anthracene
Concen: 3.692 ng/ul
RT: 21.36 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BM012847.D
Acq: 09 Nov 2017 10:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 132050

Ion	Ratio	Lower	Upper
228	100		
229	25.2	15.7	23.5#
226	28.5	21.8	32.6

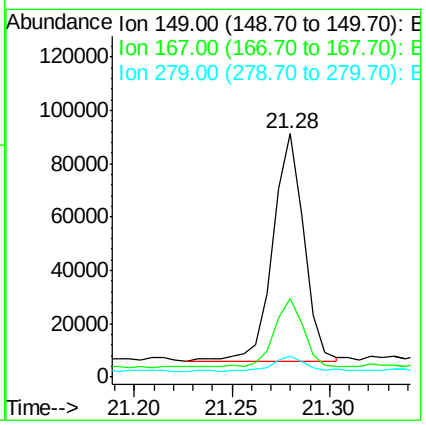


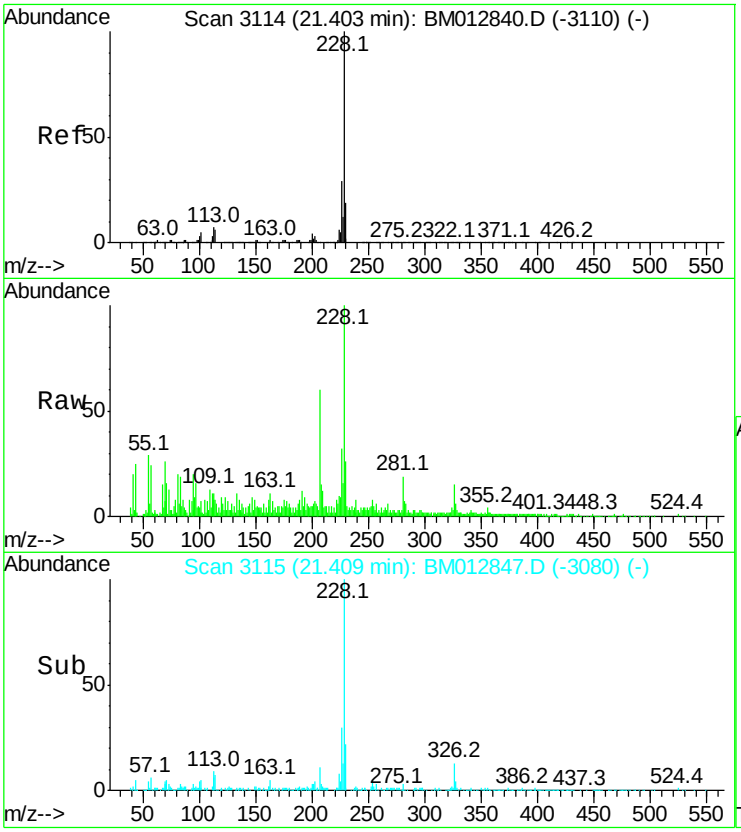


#83
Bis(2-ethylhexyl)phthalate
Concen: 4.989 ng/ul
RT: 21.28 min Scan# 3093
Delta R.T. 0.01 min
Lab File: BM012847.D
Acq: 09 Nov 2017 10:54

Tgt Ion:149 Resp: 93465

Ion	Ratio	Lower	Upper
149	100		
167	32.0	21.6	32.4
279	8.4	3.0	4.4#



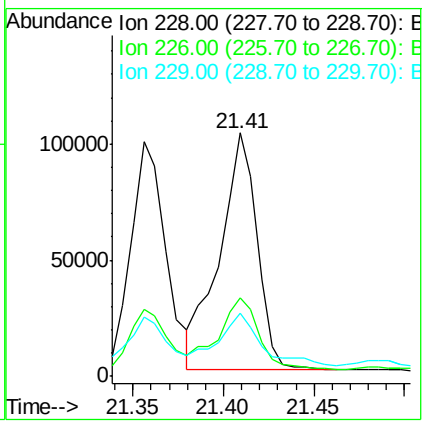


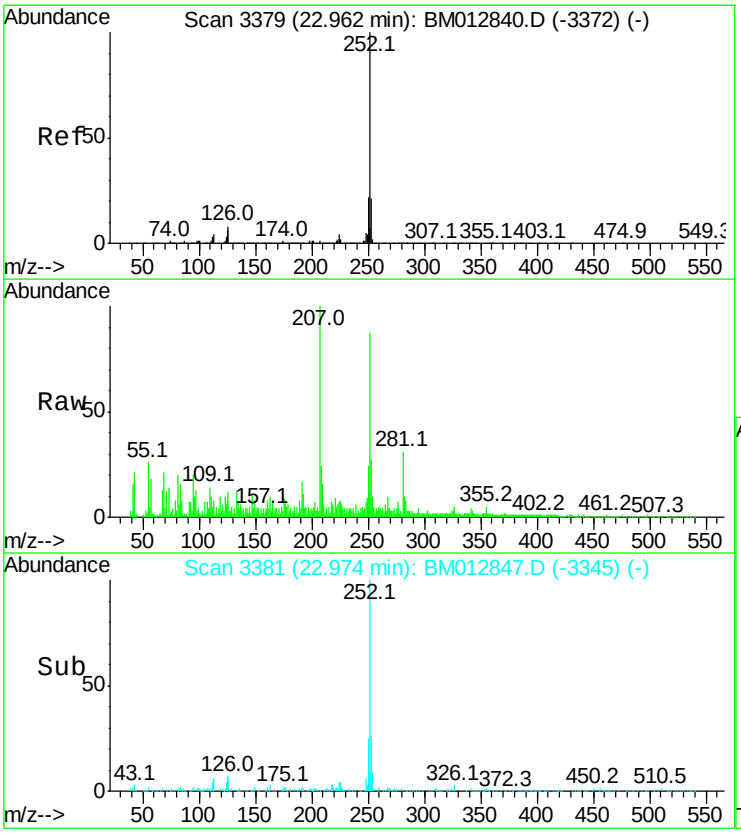
#84
Chrysene
Concen: 4.568 ng/ul
RT: 21.41 min Scan# 3115
Delta R.T. 0.01 min
Lab File: BM012847.D
Acq: 09 Nov 2017 10:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 148074

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.0	36.0
229	25.8	15.6	23.4#

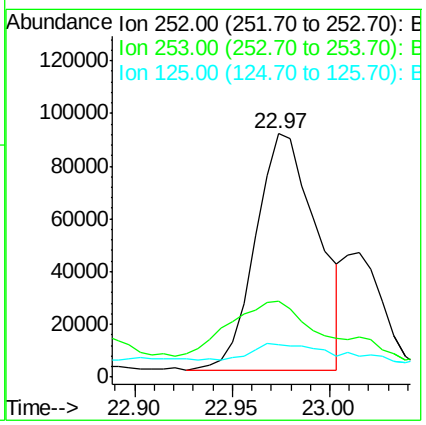


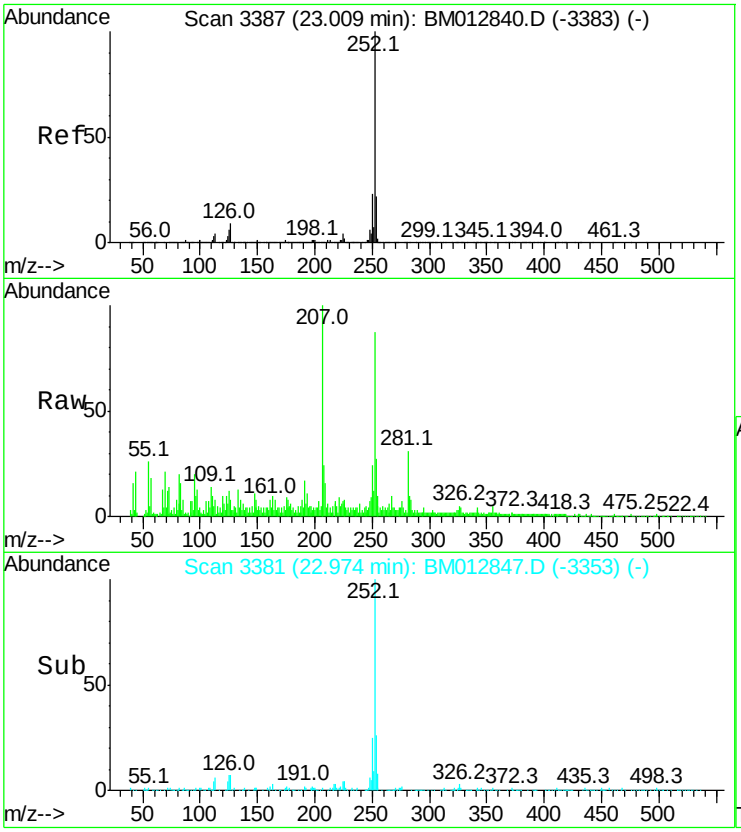


#87
Benzo(b)fluoranthene
Concen: 5.298 ng/ul
RT: 22.97 min Scan# 3381
Delta R.T. 0.01 min
Lab File: BM012847.D
Acq: 09 Nov 2017 10:54

Tgt Ion:252 Resp: 195881

Ion	Ratio	Lower	Upper
252	100		
253	31.2	17.5	26.3#
125	13.3	8.5	12.7#



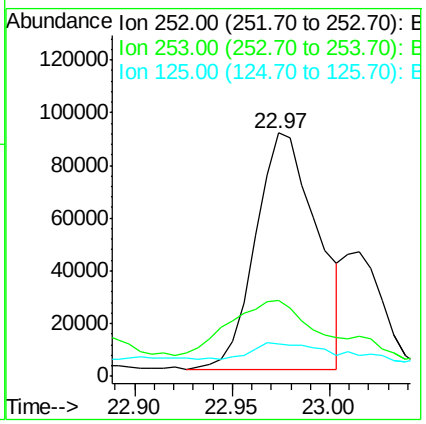


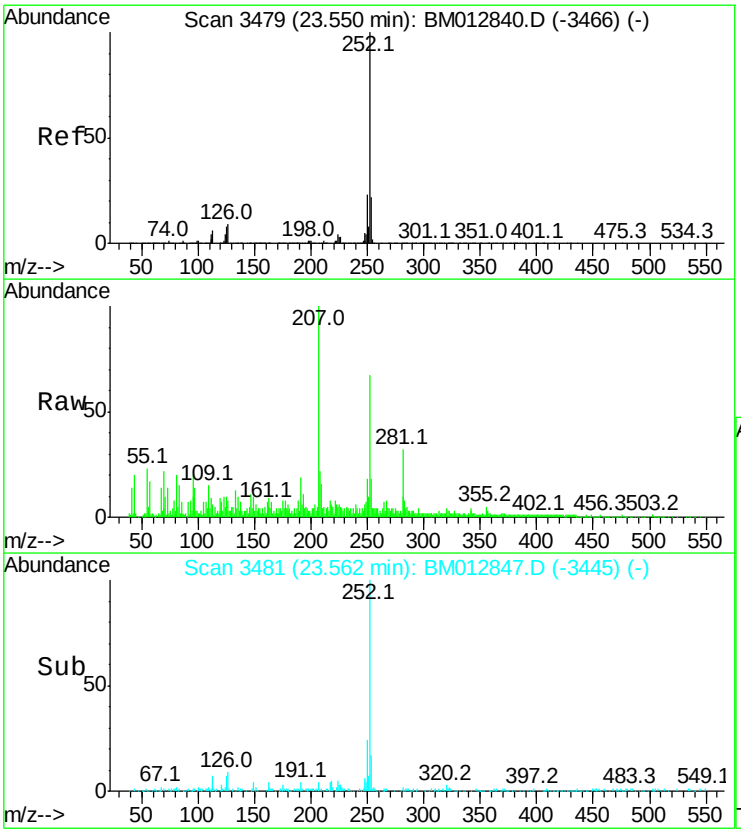
#88
Benzo(k)fluoranthene
Concen: 5.574 ng/ul
RT: 22.97 min Scan# 3381
Delta R.T. -0.04 min
Lab File: BM012847.D
Acq: 09 Nov 2017 10:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 195881

Ion	Ratio	Lower	Upper
252	100		
253	31.2	17.3	25.9#
125	13.3	8.2	12.2#

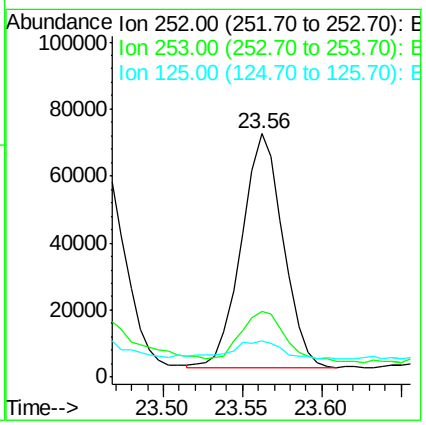


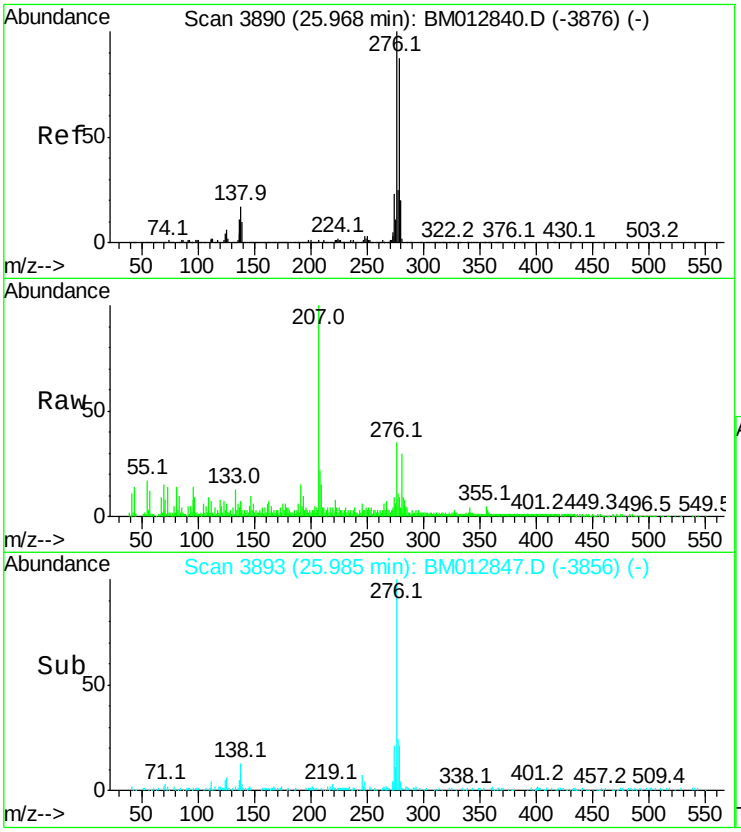


#90
Benzo(a)pyrene
Concen: 3.631 ng/ul
RT: 23.56 min Scan# 3481
Delta R.T. 0.01 min
Lab File: BM012847.D
Acq: 09 Nov 2017 10:54

Tgt Ion:252 Resp: 127753

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.2	25.8#
125	15.0	9.0	13.6#



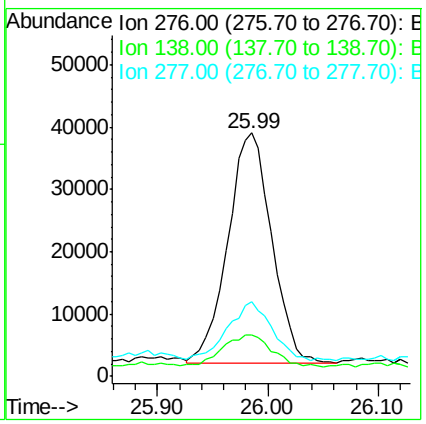


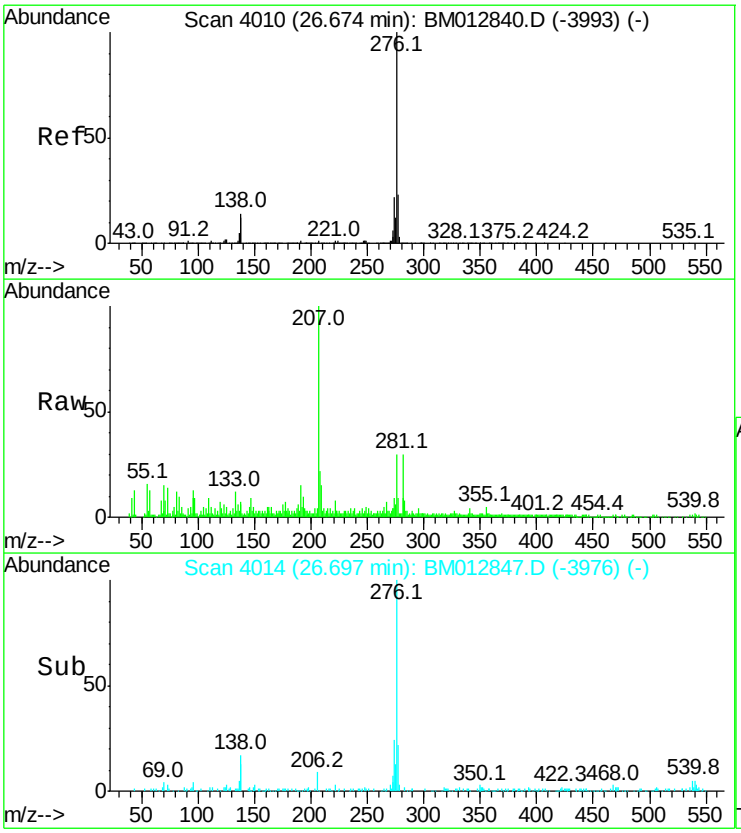
#91
Indeno(1,2,3-cd)pyrene
Concen: 2.415 ng/ul
RT: 25.99 min Scan# 3893
Delta R.T. 0.02 min
Lab File: BM012847.D
Acq: 09 Nov 2017 10:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 102380

Ion	Ratio	Lower	Upper
276	100		
138	17.2	22.3	33.5#
277	30.8	20.2	30.2#





#93
Benzo(g,h,i)perylene
Concen: 2.890 ng/ul
RT: 26.70 min Scan# 4014
Delta R.T. 0.02 min
Lab File: BM012847.D
Acq: 09 Nov 2017 10:54

Tgt Ion:276 Resp: 100968

Ion	Ratio	Lower	Upper
276	100		
138	19.7	18.9	28.3
277	29.1	19.2	28.8#