Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101217\
Data File : BM012122.D
Acq On : 13 Oct 2017 05:16
Operator : SJ/JU
Sample : I5533-04MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 13 06:51:17 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	300485	20.00	ng/ul	0.02
18) Naphthalene-d8	10.65	136	1287078	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.50	164	759118	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.24	188	1512685	20.00	ng/ul	0.02
75) Chrysene-d12	21.43	240	1486160	20.00	ng/ul	0.02
83) Perylene-d12	23.76	264	1565175	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	13636	2.16	ng/uL	0.00
5) Phenol-d5	7.02	99	353246	14.49	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.17	67	213974	14.63	ng/ul	0.01
9) 2-Chlorophenol-d4	7.37	132	320074	15.48	ng/ul	0.02
13) 4-Methylphenol-d8	8.56	113	305711	14.56	ng/ul	0.02
19) Nitrobenzene-d5	9.02	128	154366	15.72	ng/ul	0.02
22) 2-Nitrophenol-d4	9.73	143	154024	13.42	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.28	165	338011	15.43	ng/ul	0.02
29) 4-Chloroaniline-d4	10.80	131	113883	5.55	ng/ul	0.02
43) Dimethylphthalate-d6	13.90	166	1068121	15.92	ng/ul	0.01
46) Acenaphthylene-d8	14.19	160	1357133	16.71	ng/ul	0.02
51) 4-Nitrophenol-d4	14.72	143	75866	7.52	ng/ul	0.04
57) Fluorene-d10	15.49	176	911095	16.55	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.64	200	3597	0.35	ng/ul	0.04
70) Anthracene-d10	17.34	188	1263691	16.89	ng/ul	0.02
76) Pyrene-d10	19.64	212	1257166	16.66	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.62	264	1276898	16.92	ng/ul	0.05
Target Compounds						Qvalue
6) Phenol	7.04	94	408465	16.207	ng/ul#	84
10) 2-Chlorophenol	7.41	128	324263	15.363	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.65	70	206578	12.083	ng/ul#	70
33) 4-Chloro-3-methylphenol	11.95	107	353588	15.635	ng/ul	97
44) Dimethylphthalate	13.95	163	197415	2.937	ng/ul	100
47) Acenaphthylene	14.22	152	133303	1.672	ng/ul	98
49) Acenaphthene	14.56	153	813800	15.149	ng/ul	99
52) 4-Nitrophenol	14.73	109	75614	8.342	ng/ul	82
54) 2,4-Dinitrotoluene	14.88	165	220984	11.428	ng/ul	85
68) Pentachlorophenol	16.90	266	120914	10.569	ng/ul	98
69) Phenanthrene	17.29	178	1124719	13.070	ng/ul	99
71) Anthracene	17.38	178	322836	3.624	ng/ul	97
74) Fluoranthene	19.30	202	2521271	24.278	ng/ul#	91
77) Pyrene	19.67	202	3699879	37.697	ng/ul#	89
80) Benzo(a)anthracene	21.41	228	1729207	17.882	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.32	149	84466	1.288	ng/ul#	78
82) Chrysene	21.46	228	1540765	16.970	ng/ul	94
85) Benzo(b)fluoranthene	23.06	252	2006325	19.643	ng/ul#	91
86) Benzo(k)fluoranthene	23.06	252	2006325	20.383	ng/ul#	89
88) Benzo(a)pyrene	23.66	252	1520072	15.790	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	26.17	276	900059	8.804	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.16	278	259103	3.015	ng/ul#	56
91) Benzo(g,h,i)perylene	26.90	276	796309	9.510	ng/ul#	86

Quantitation Report (Not Reviewed)

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Misc :
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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\BM101217\
Data File : BM012122.D
Acq On : 13 Oct 2017 05:16
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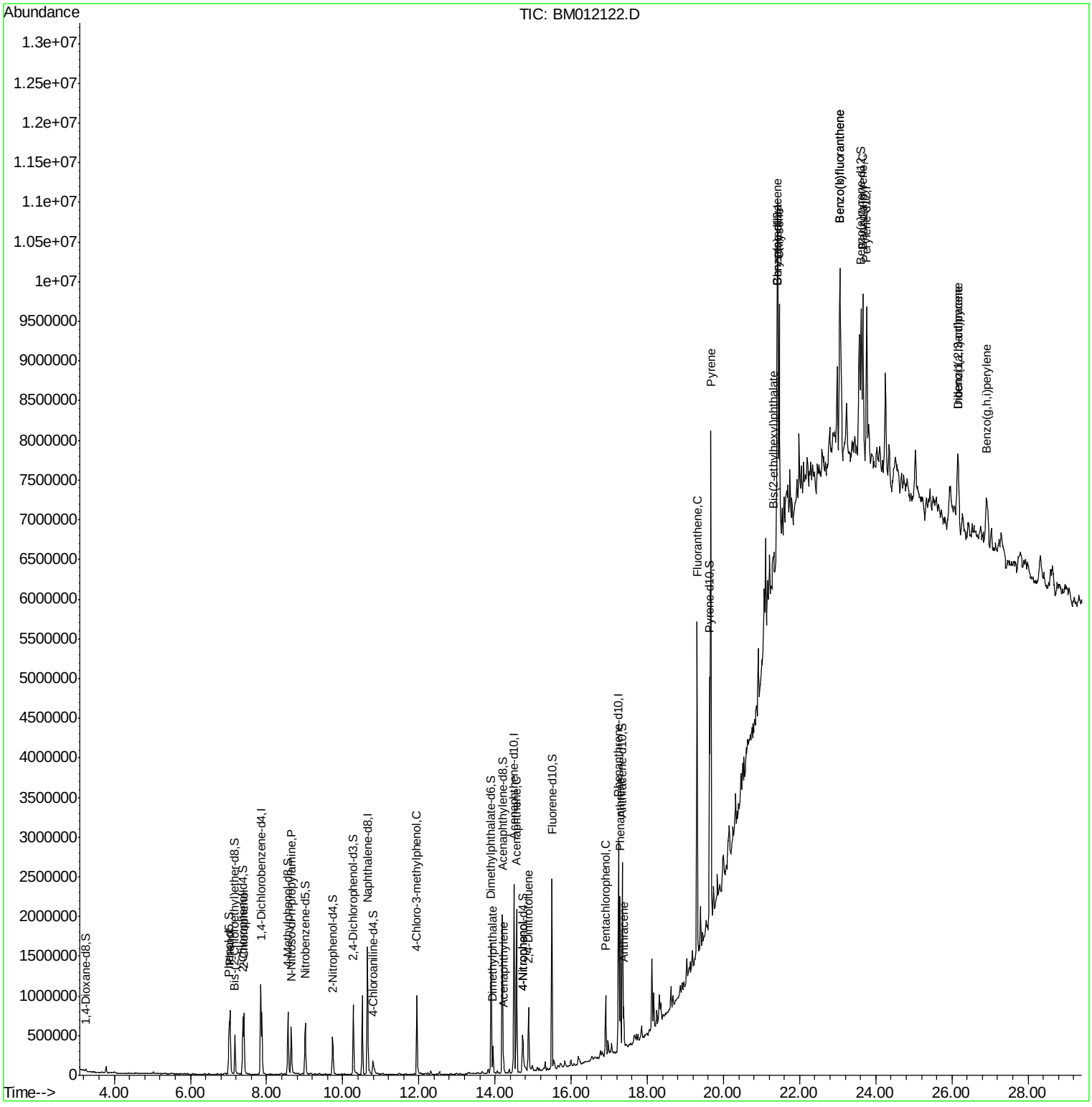
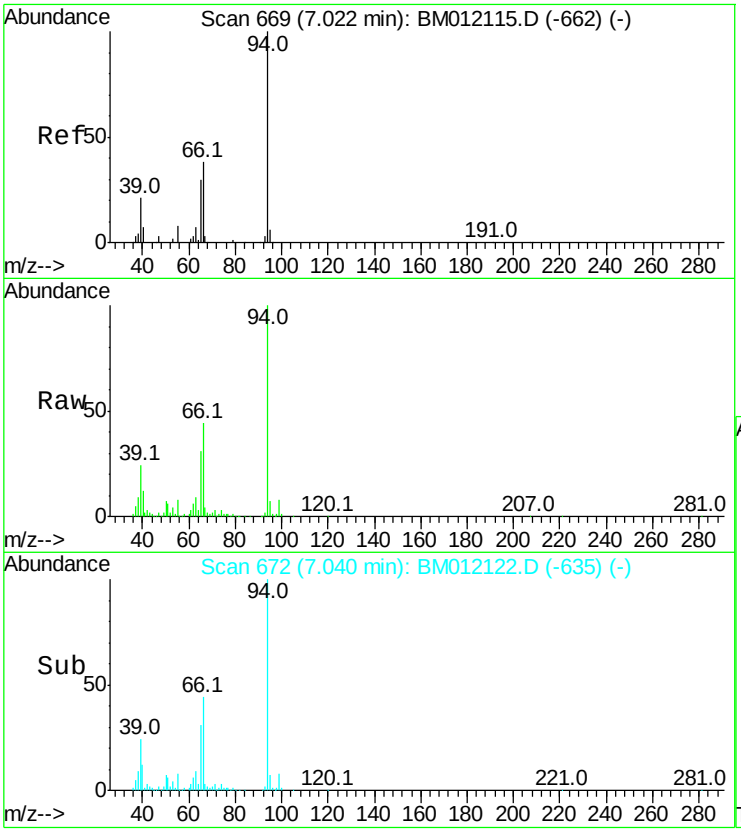
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration



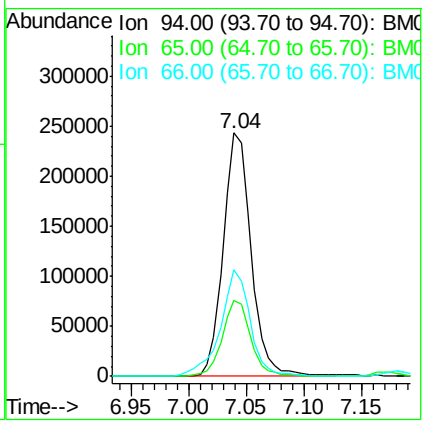


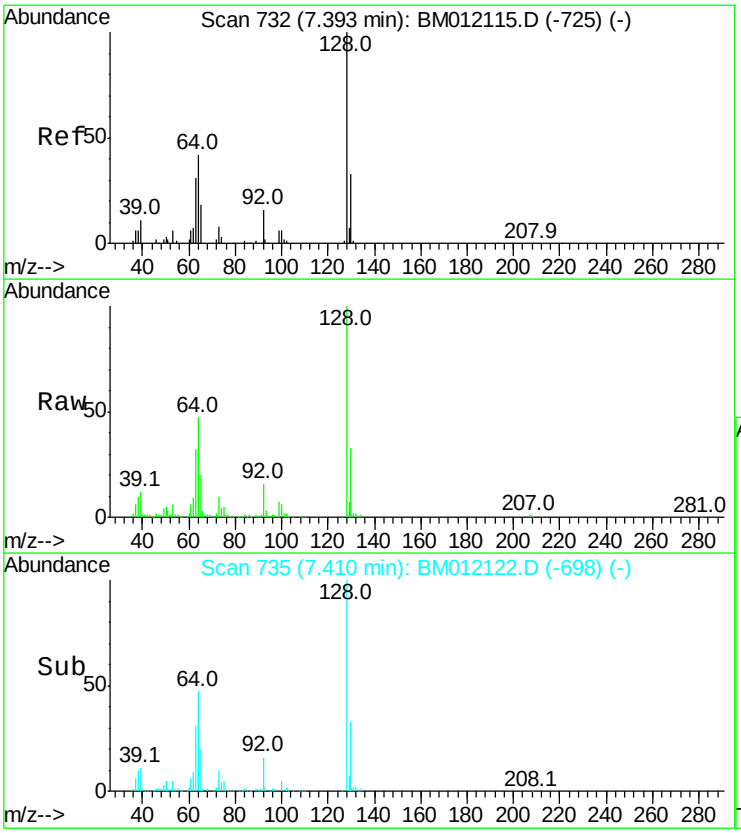
#6
Phenol
Concen: 16.207 ng/ul
RT: 7.04 min Scan# 672
Delta R.T. 0.02 min
Lab File: BM012122.D
Acq: 13 Oct 2017 05:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 408465

Ion	Ratio	Lower	Upper
94	100		
65	31.1	28.2	42.4
66	43.7	47.2	70.8#

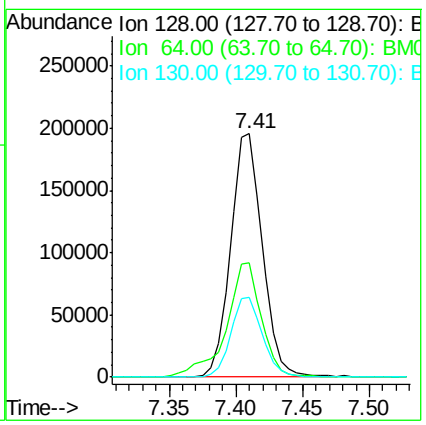


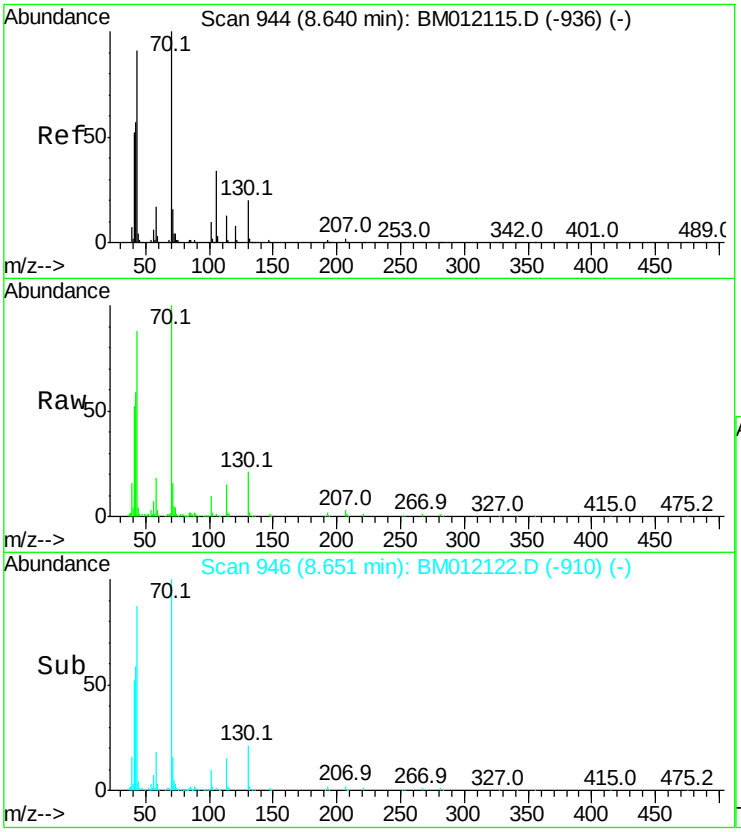


#10
2-Chlorophenol
Concen: 15.363 ng/ul
RT: 7.41 min Scan# 735
Delta R.T. 0.02 min
Lab File: BM012122.D
Acq: 13 Oct 2017 05:16

Tgt Ion:128 Resp: 324263

Ion	Ratio	Lower	Upper
128	100		
64	47.0	38.0	57.0
130	32.9	24.4	36.6



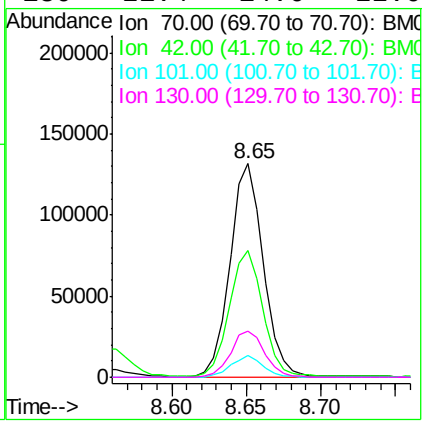


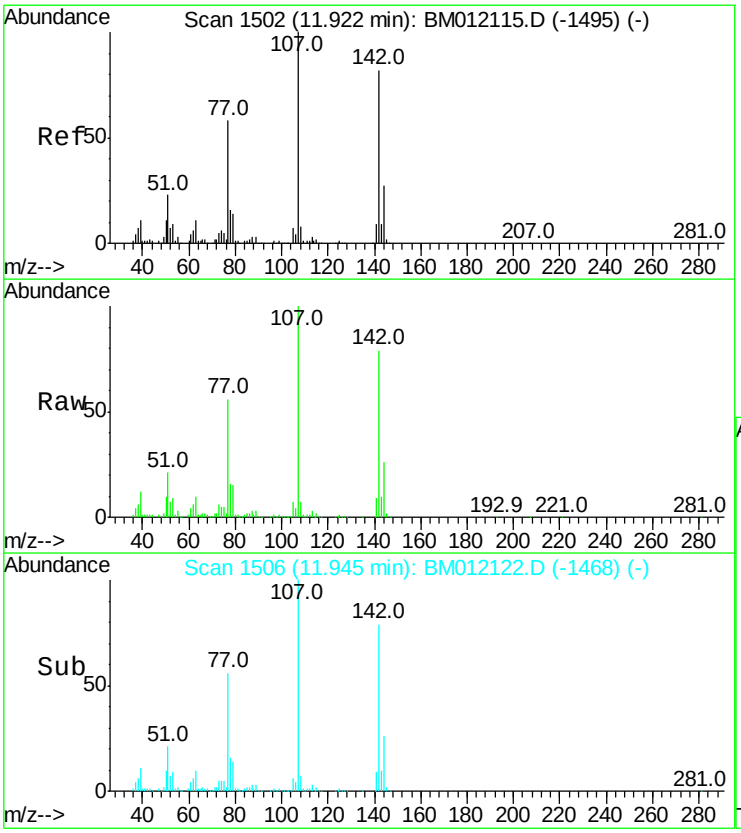
#15
N-Nitroso-di-n-propylamine
Concen: 12.083 ng/ul
RT: 8.65 min Scan# 946
Delta R.T. 0.01 min
Lab File: BM012122.D
Acq: 13 Oct 2017 05:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 206578

Ion	Ratio	Lower	Upper
70	100		
42	59.1	76.0	114.0#
101	9.9	6.7	10.1
130	21.4	14.6	22.0

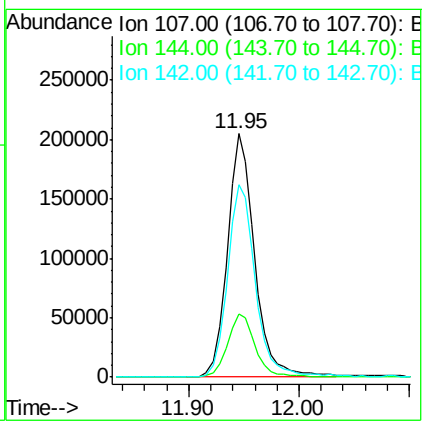


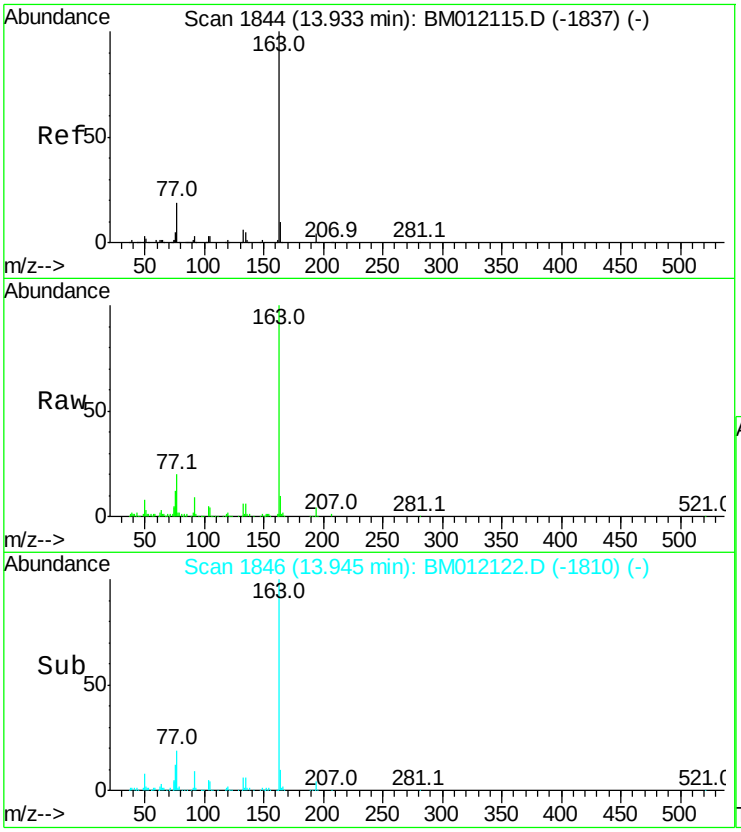


#33
4-Chloro-3-methylphenol
Concen: 15.635 ng/ul
RT: 11.95 min Scan# 1506
Delta R.T. 0.02 min
Lab File: BM012122.D
Acq: 13 Oct 2017 05:16

Tgt Ion:107 Resp: 353588

Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.4	30.6
142	78.8	60.5	90.7



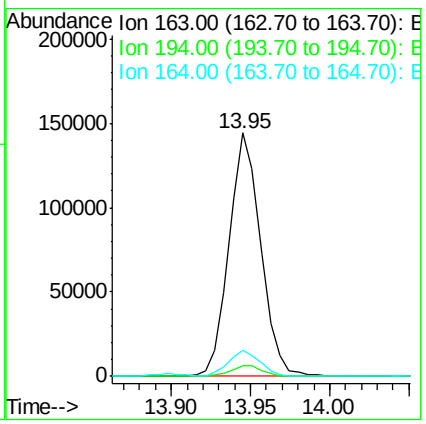


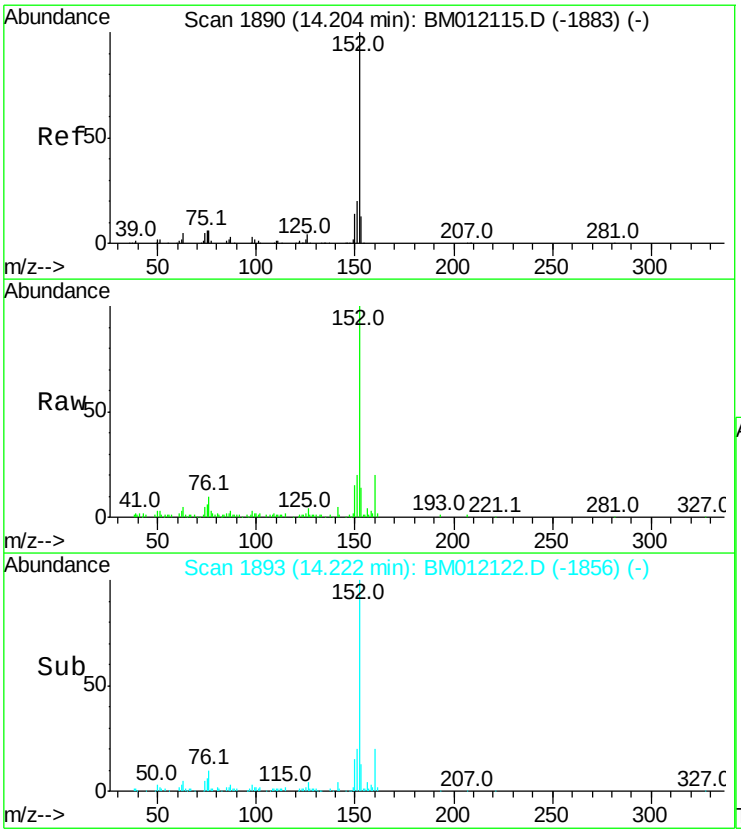
#44
Dimethylphthalate
Concen: 2.937 ng/ul
RT: 13.95 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BM012122.D
Acq: 13 Oct 2017 05:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 197415

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.5	8.2	12.4

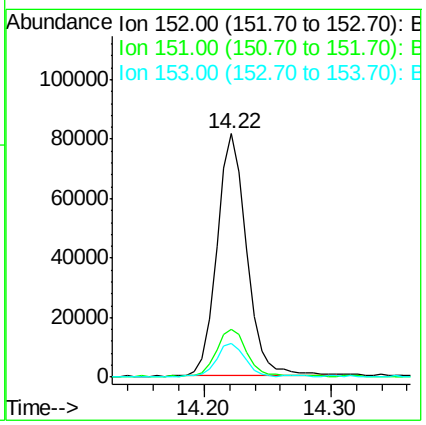


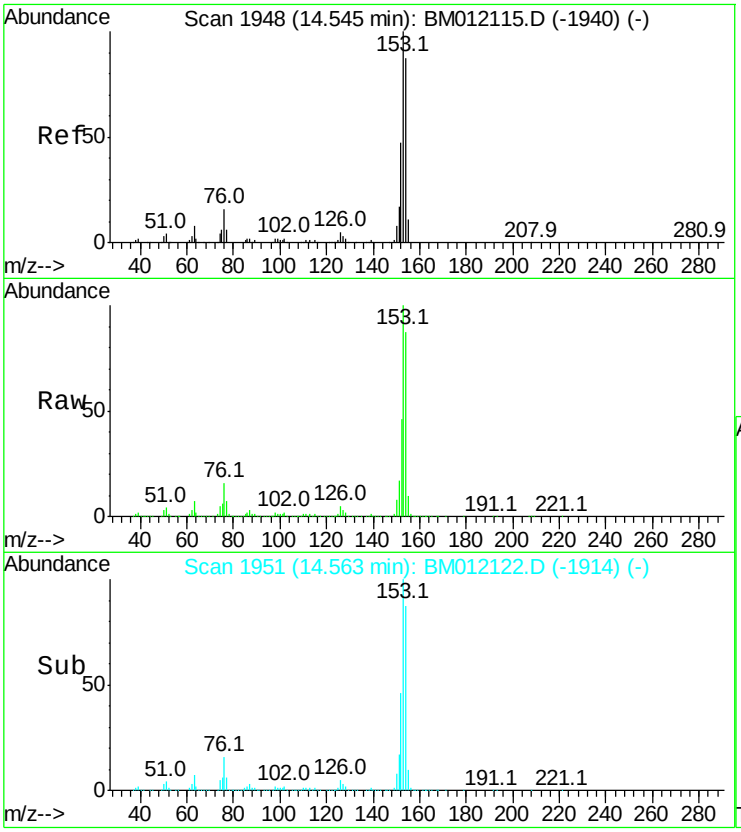


#47
Acenaphthylene
Concen: 1.672 ng/ul
RT: 14.22 min Scan# 1893
Delta R.T. 0.02 min
Lab File: BM012122.D
Acq: 13 Oct 2017 05:16

Tgt Ion:152 Resp: 133303

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	13.6	10.2	15.4



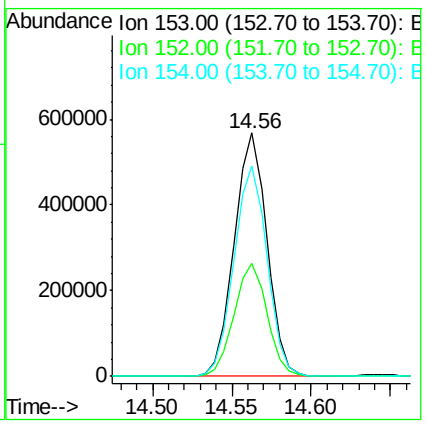


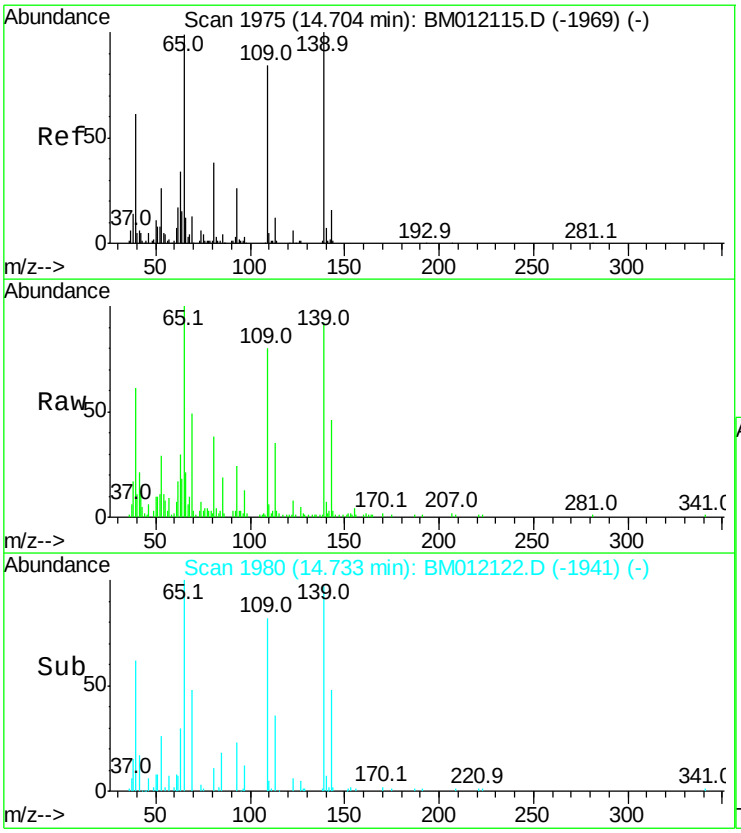
#49
Acenaphthene
Concen: 15.149 ng/ul
RT: 14.56 min Scan# 1951
Delta R.T. 0.02 min
Lab File: BM012122.D
Acq: 13 Oct 2017 05:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 813800

Ion	Ratio	Lower	Upper
153	100		
152	46.3	37.6	56.4
154	86.6	70.4	105.6

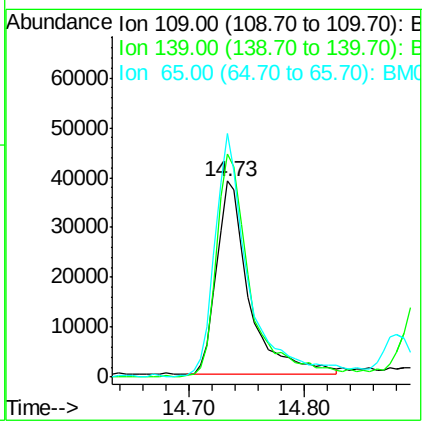


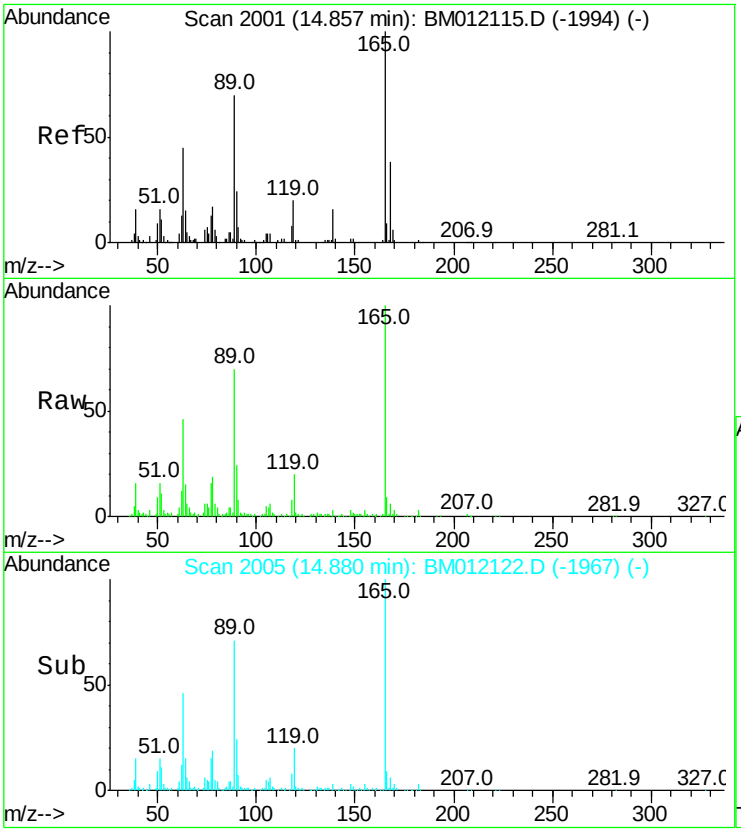


#52
4-Nitrophenol
Concen: 8.342 ng/ul
RT: 14.73 min Scan# 1980
Delta R.T. 0.03 min
Lab File: BM012122.D
Acq: 13 Oct 2017 05:16

Tgt Ion:109 Resp: 75614

Ion	Ratio	Lower	Upper
109	100		
139	113.8	80.0	120.0
65	124.3	120.0	180.0



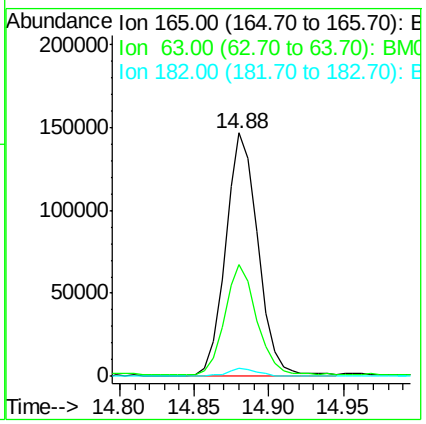


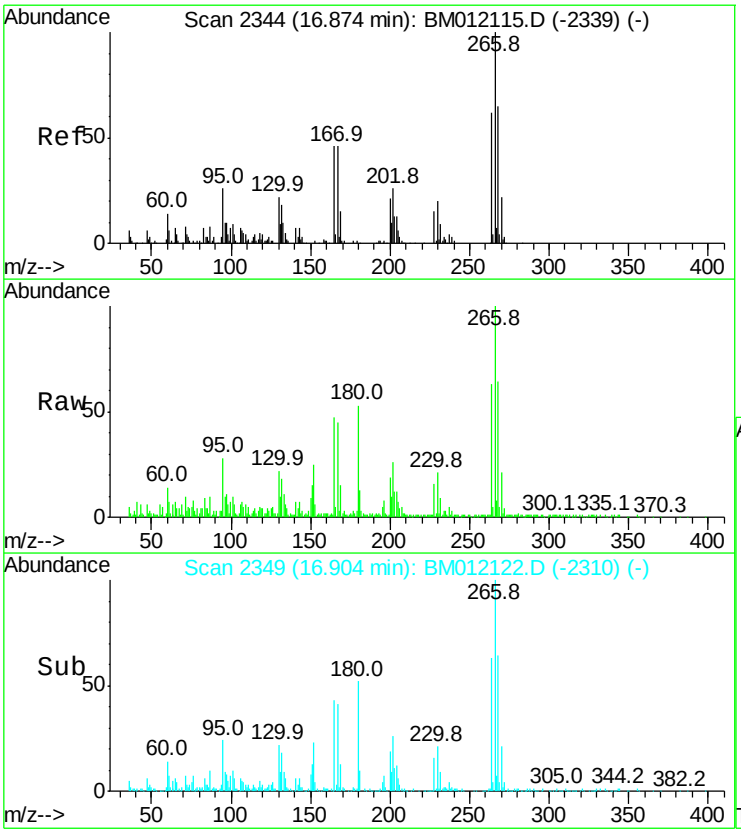
#54
2,4-Dinitrotoluene
Concen: 11.428 ng/ul
RT: 14.88 min Scan# 2005
Delta R.T. 0.02 min
Lab File: BM012122.D
Acq: 13 Oct 2017 05:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 220984

Ion	Ratio	Lower	Upper
165	100		
63	45.8	45.8	68.8
182	3.5	2.6	4.0

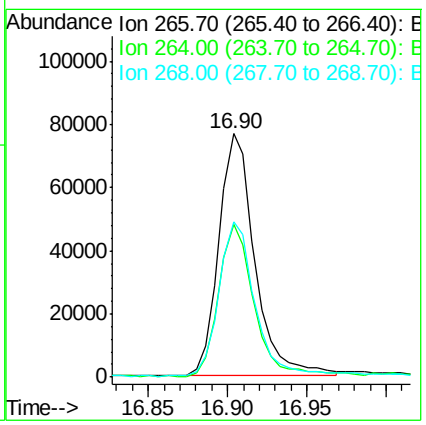


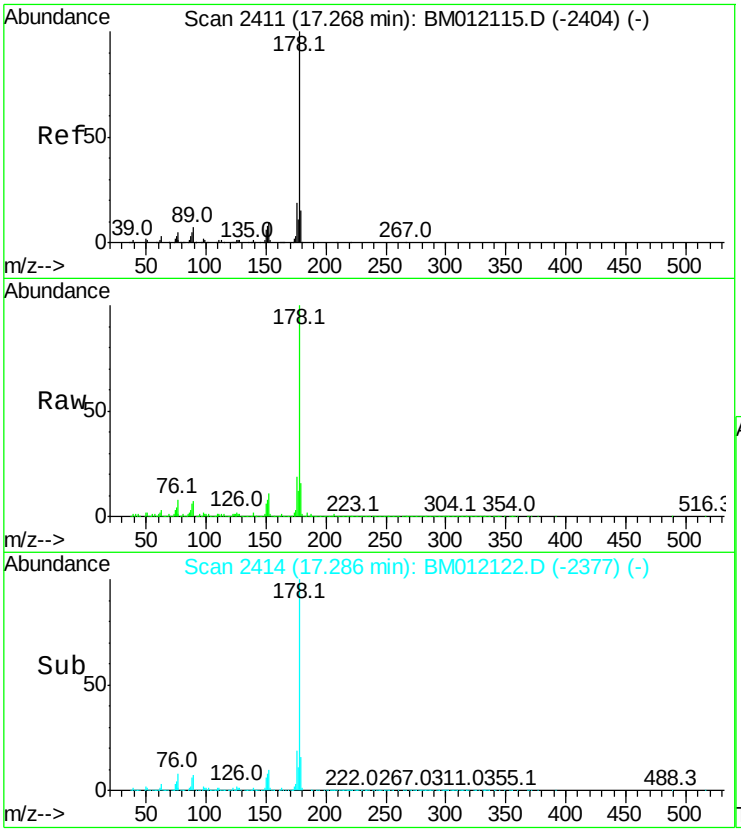


#68
Pentachlorophenol
Concen: 10.569 ng/ul
RT: 16.90 min Scan# 2349
Delta R.T. 0.03 min
Lab File: BM012122.D
Acq: 13 Oct 2017 05:16

Tgt Ion:266 Resp: 120914

Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.3	73.9
268	63.5	52.6	78.8



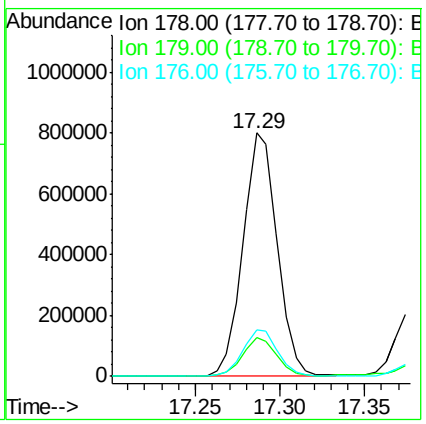


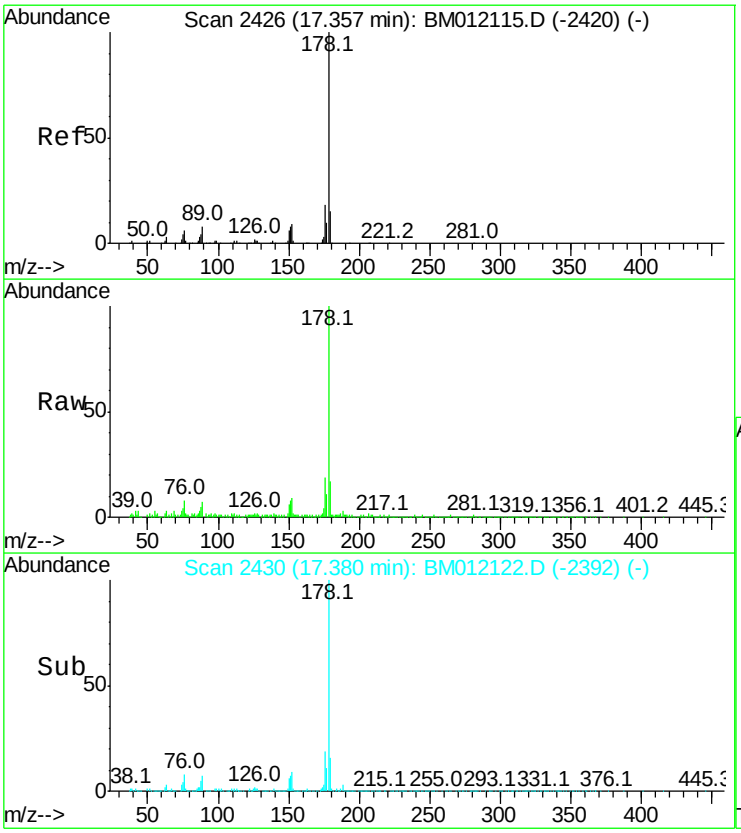
#69
Phenanthrene
Concen: 13.070 ng/ul
RT: 17.29 min Scan# 2414
Delta R.T. 0.02 min
Lab File: BM012122.D
Acq: 13 Oct 2017 05:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1124719

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	19.0	14.9	22.3

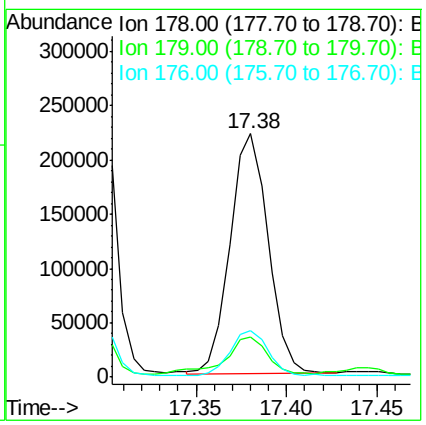


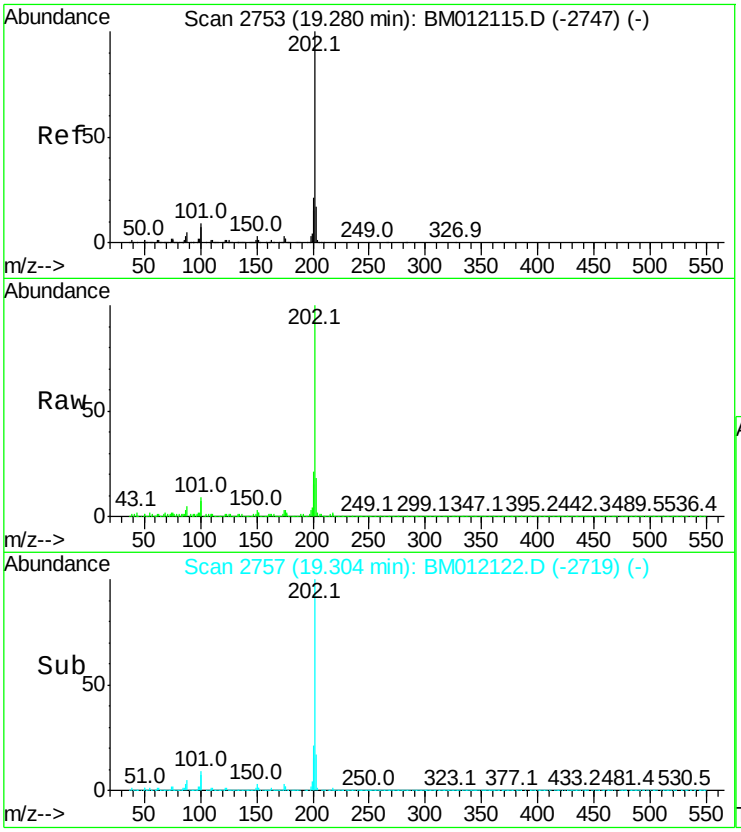


#71
Anthracene
Concen: 3.624 ng/ul
RT: 17.38 min Scan# 2430
Delta R.T. 0.02 min
Lab File: BM012122.D
Acq: 13 Oct 2017 05:16

Tgt Ion:178 Resp: 322836

Ion	Ratio	Lower	Upper
178	100		
179	16.6	11.7	17.5
176	19.2	14.6	21.8



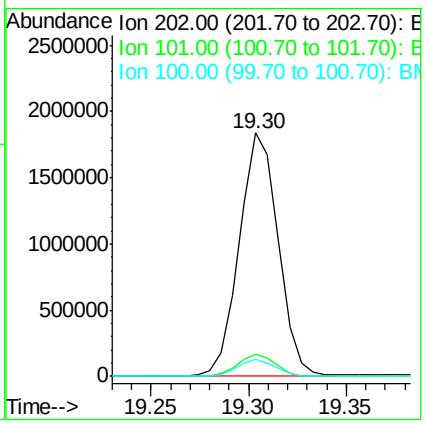


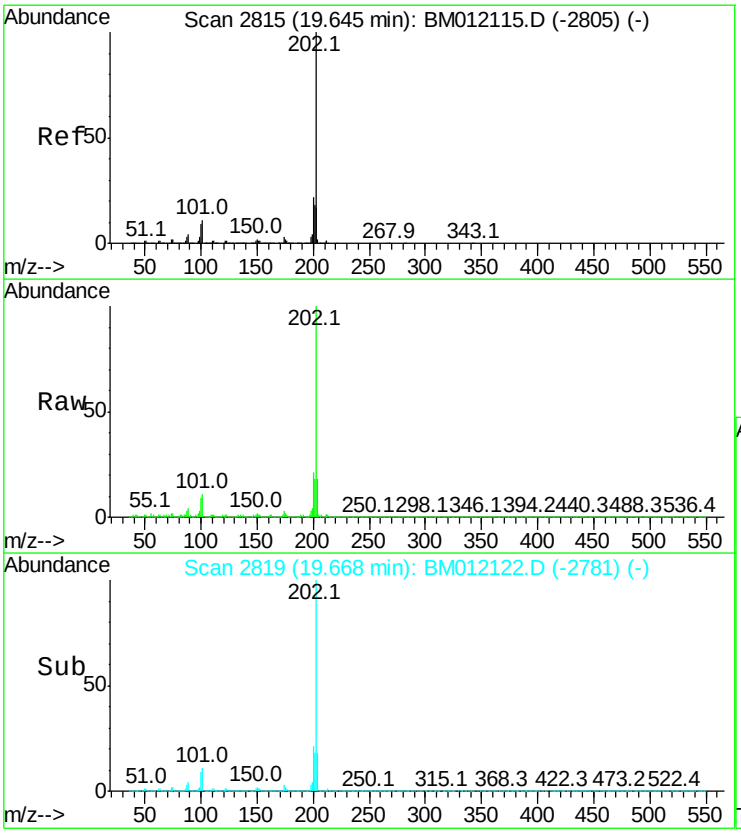
#74
Fluoranthene
Concen: 24.278 ng/ul
RT: 19.30 min Scan# 2757
Delta R.T. 0.02 min
Lab File: BM012122.D
Acq: 13 Oct 2017 05:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2521271

Ion	Ratio	Lower	Upper
202	100		
101	9.0	4.6	7.0#
100	7.3	3.4	5.2#

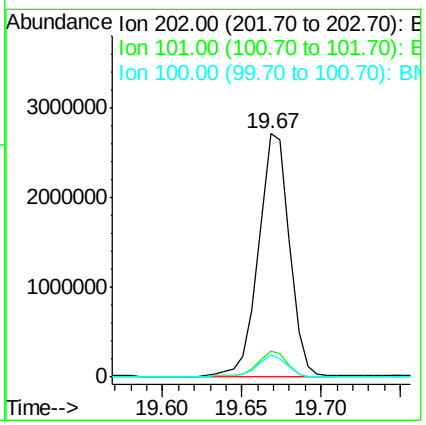


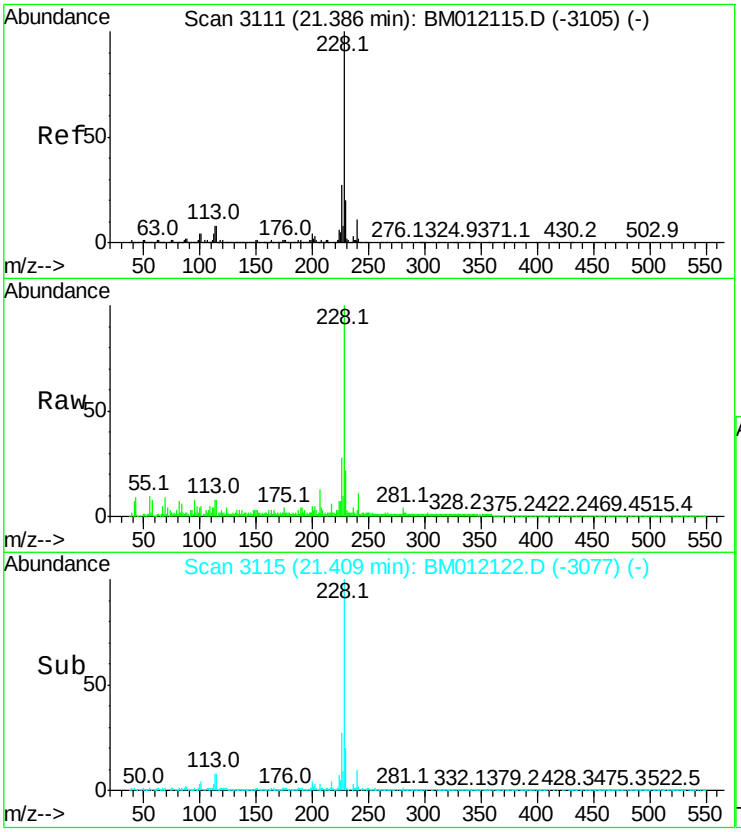


#77
Pyrene
Concen: 37.697 ng/ul
RT: 19.67 min Scan# 2819
Delta R.T. 0.02 min
Lab File: BM012122.D
Acq: 13 Oct 2017 05:16

Tgt Ion:202 Resp: 3699879

Ion	Ratio	Lower	Upper
202	100		
101	10.6	5.1	7.7#
100	9.1	4.9	7.3#



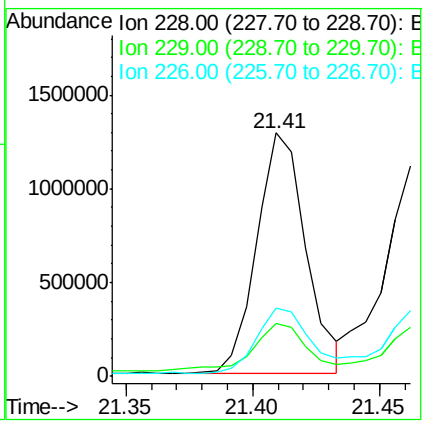


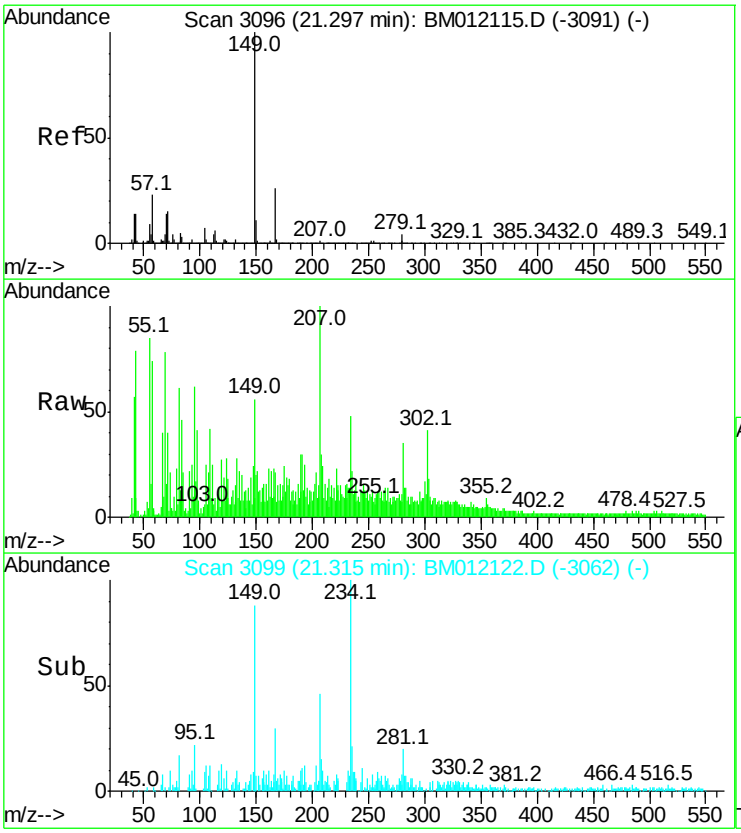
#80
Benzo(a)anthracene
Concen: 17.882 ng/ul
RT: 21.41 min Scan# 3115
Delta R.T. 0.02 min
Lab File: BM012122.D
Acq: 13 Oct 2017 05:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1729207

Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.4	23.0
226	28.3	21.4	32.0

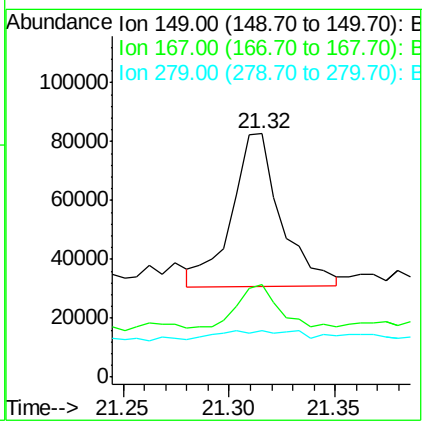


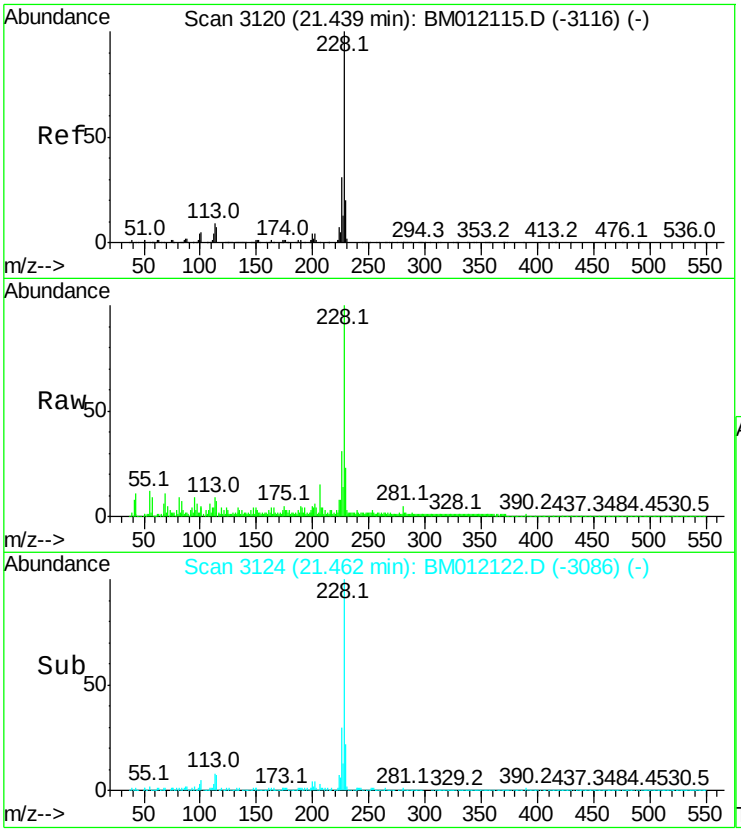


#81
Bis(2-ethylhexyl)phthalate
Concen: 1.288 ng/ul
RT: 21.32 min Scan# 3099
Delta R.T. 0.02 min
Lab File: BM012122.D
Acq: 13 Oct 2017 05:16

Tgt Ion:149 Resp: 84466

Ion	Ratio	Lower	Upper
149	100		
167	38.2	22.8	34.2#
279	19.1	4.9	7.3#



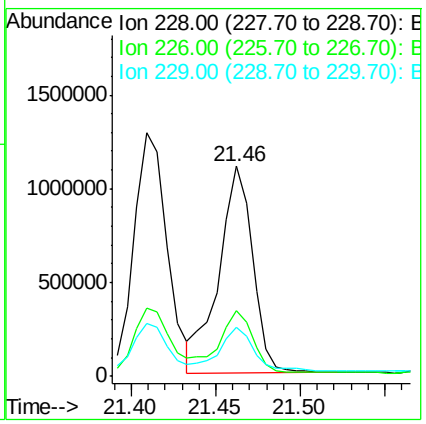


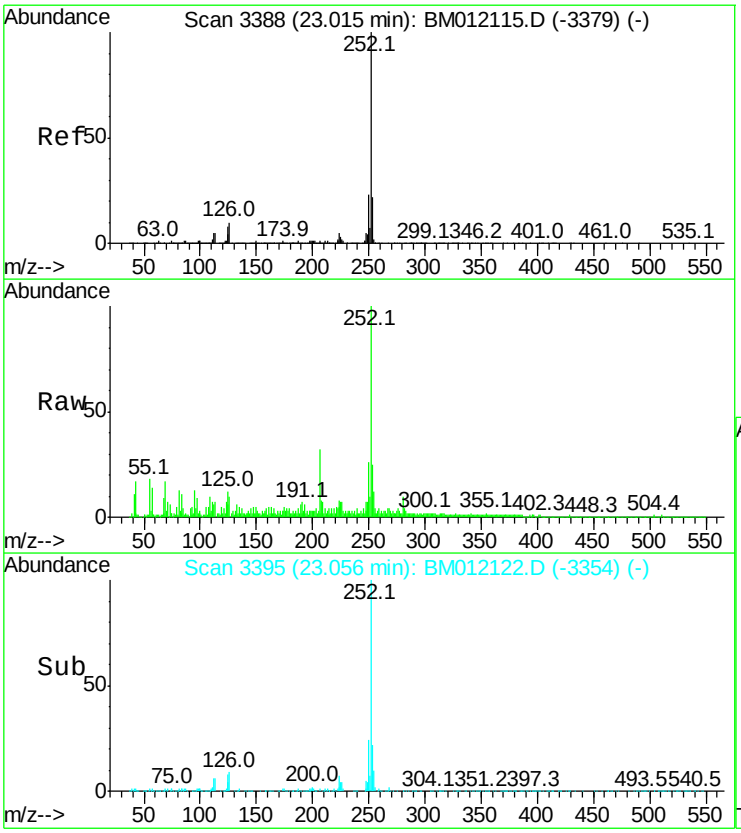
#82
Chrysene
Concen: 16.970 ng/ul
RT: 21.46 min Scan# 3124
Delta R.T. 0.02 min
Lab File: BM012122.D
Acq: 13 Oct 2017 05:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1540765

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.2
229	23.3	15.5	23.3

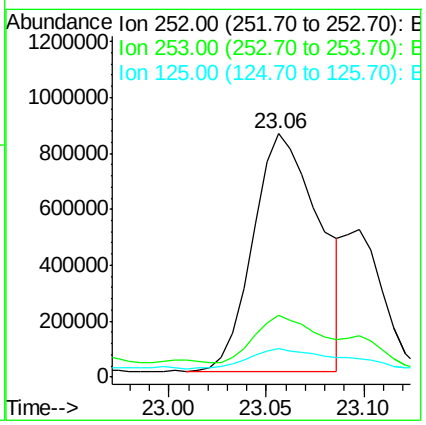


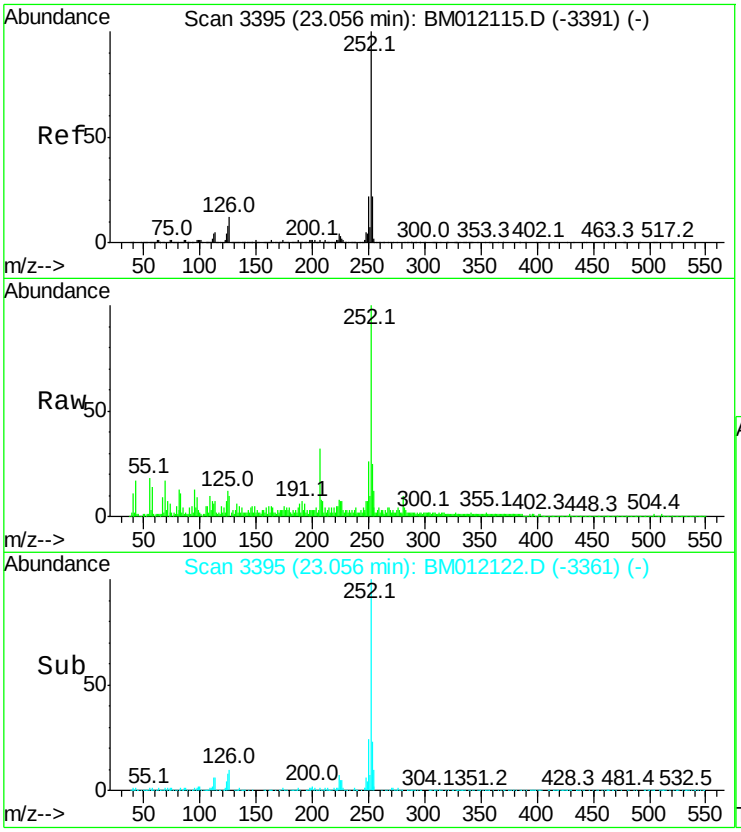


#85
Benzo(b)fluoranthene
Concen: 19.643 ng/ul
RT: 23.06 min Scan# 3395
Delta R.T. 0.04 min
Lab File: BM012122.D
Acq: 13 Oct 2017 05:16

Tgt Ion:252 Resp: 2006325

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.9	26.9
125	11.7	3.6	5.4#



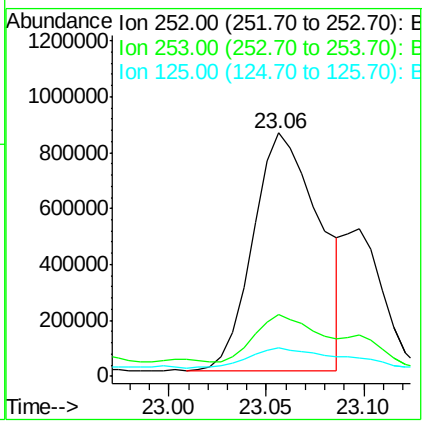


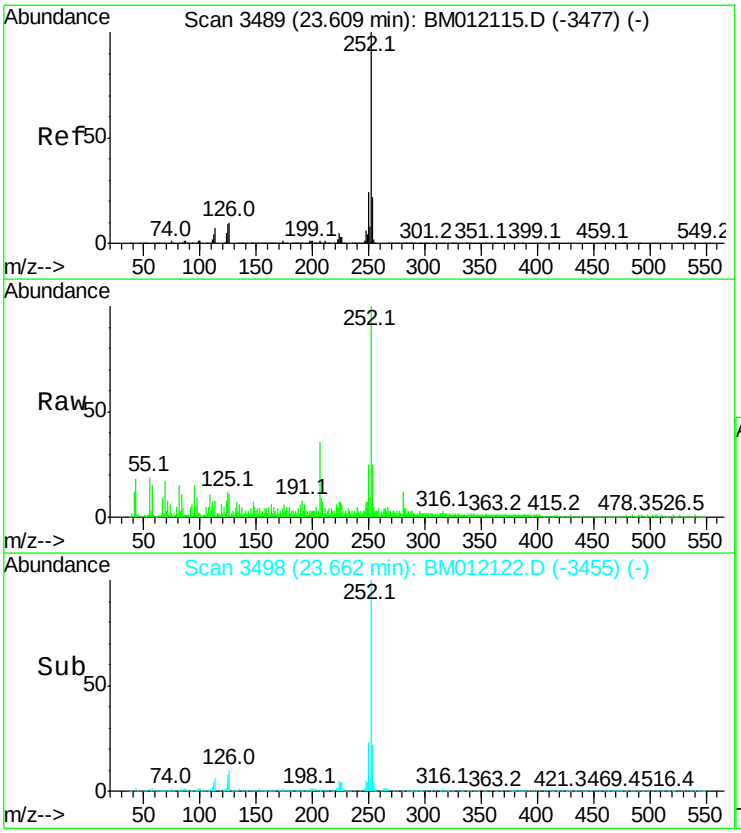
#86
Benzo(k)fluoranthene
Concen: 20.383 ng/ul
RT: 23.06 min Scan# 3395
Delta R.T. 0.00 min
Lab File: BM012122.D
Acq: 13 Oct 2017 05:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2006325

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.1	25.7
125	11.7	3.4	5.2#

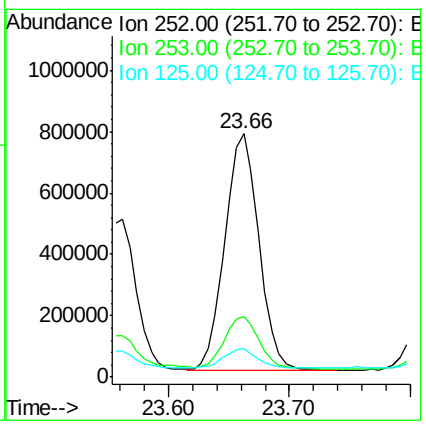


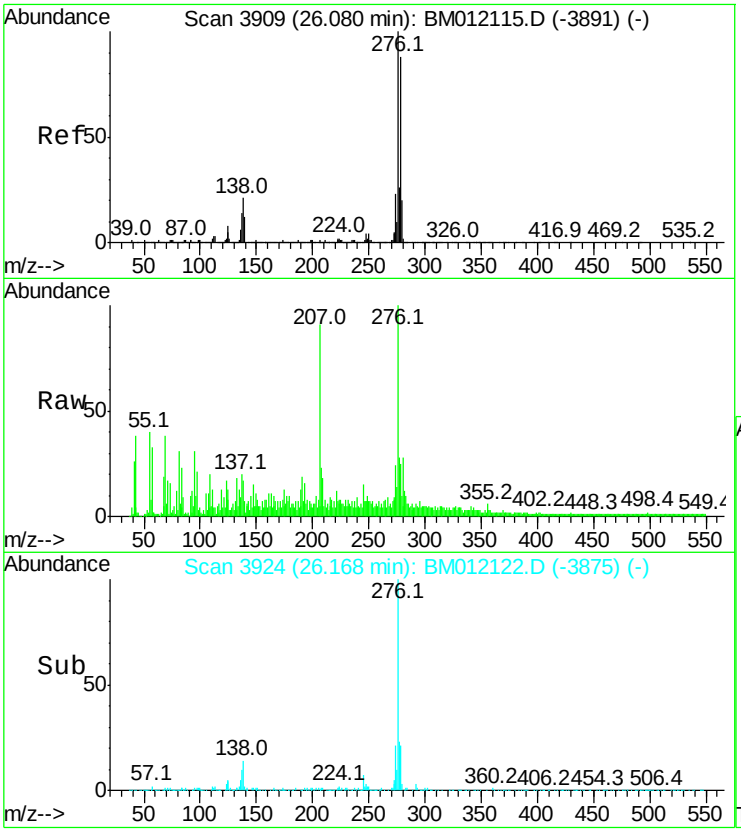


#88
Benzo(a)pyrene
Concen: 15.790 ng/ul
RT: 23.66 min Scan# 3498
Delta R.T. 0.05 min
Lab File: BM012122.D
Acq: 13 Oct 2017 05:16

Tgt Ion:252 Resp: 1520072

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.2
125	11.7	4.0	6.0#



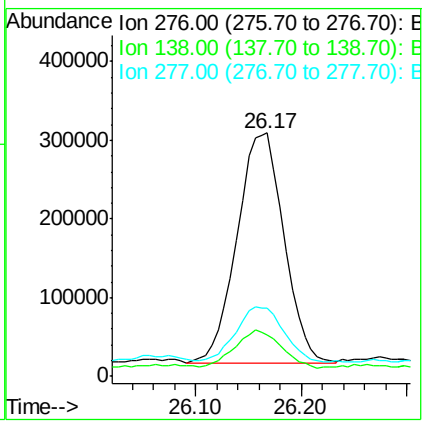


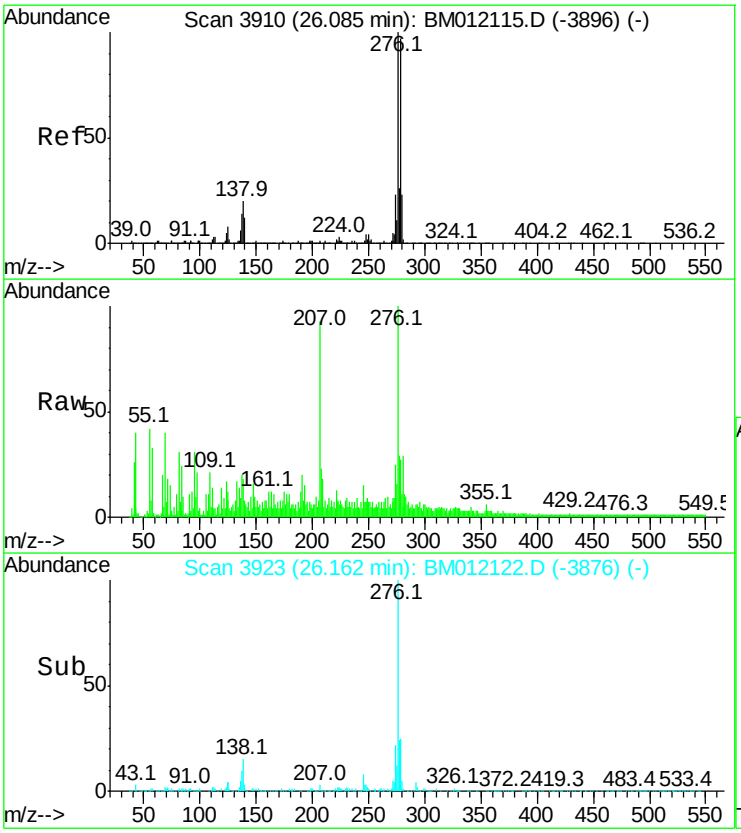
#89
Indeno(1,2,3-cd)pyrene
Concen: 8.804 ng/ul
RT: 26.17 min Scan# 3924
Delta R.T. 0.09 min
Lab File: BM012122.D
Acq: 13 Oct 2017 05:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 900059

Ion	Ratio	Lower	Upper
276	100		
138	16.9	9.3	13.9#
277	28.2	19.9	29.9

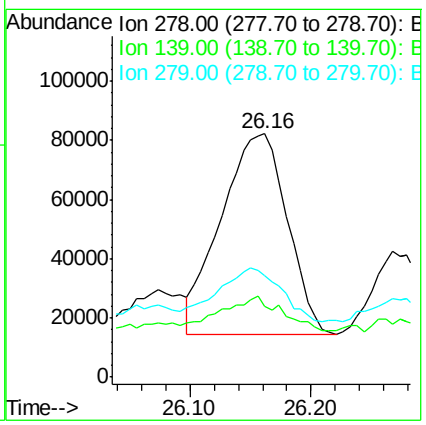


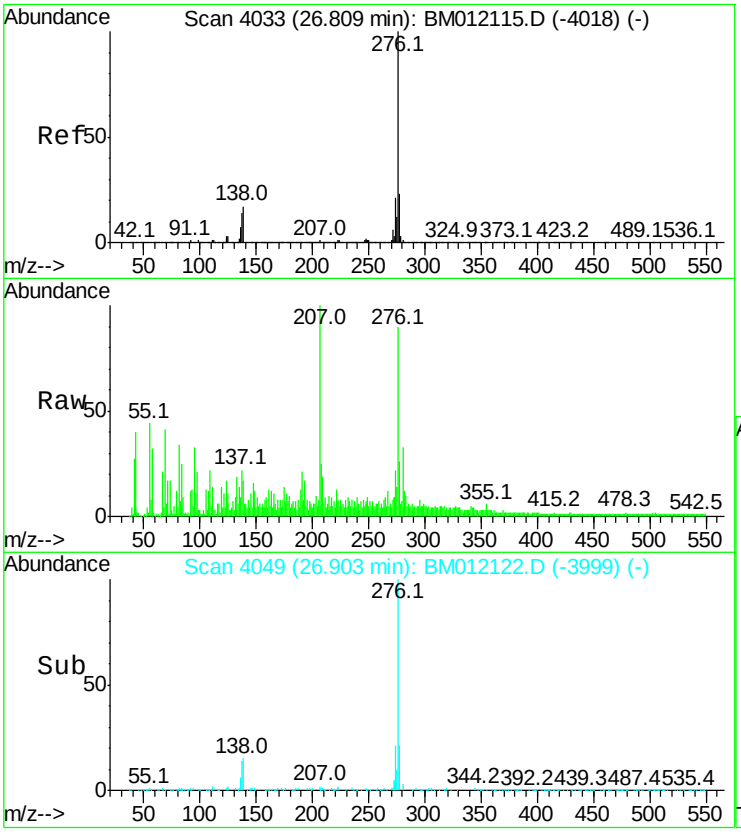


#90
Dibenzo(a,h)anthracene
Concen: 3.015 ng/ul
RT: 26.16 min Scan# 3923
Delta R.T. 0.08 min
Lab File: BM012122.D
Acq: 13 Oct 2017 05:16

Tgt Ion:278 Resp: 259103

Ion	Ratio	Lower	Upper
278	100		
139	28.8	5.8	8.8#
279	41.7	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 9.510 ng/ul
RT: 26.90 min Scan# 4049
Delta R.T. 0.09 min
Lab File: BM012122.D
Acq: 13 Oct 2017 05:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 796309

Ion	Ratio	Lower	Upper
276	100		
138	18.8	8.5	12.7#
277	28.5	18.6	28.0#