Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101217\
Data File : BM012123.D
Acq On : 13 Oct 2017 05:52
Operator : SJ/JU
Sample : I5533-05MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 13 06:51:39 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	471112	20.00	ng/ul	0.02
18) Naphthalene-d8	10.65	136	1918717	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.50	164	989499	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.25	188	1887898	20.00	ng/ul	0.02
75) Chrysene-d12	21.43	240	2209237	20.00	ng/ul	0.02
83) Perylene-d12	23.77	264	2448350	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	32726	3.30	ng/uL	0.00
5) Phenol-d5	7.02	99	912593	23.87	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.18	67	558900	24.38	ng/ul	0.02
9) 2-Chlorophenol-d4	7.38	132	811556	25.03	ng/ul	0.02
13) 4-Methylphenol-d8	8.56	113	764189	23.22	ng/ul	0.02
19) Nitrobenzene-d5	9.02	128	388758	26.55	ng/ul	0.02
22) 2-Nitrophenol-d4	9.73	143	401889	23.49	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.28	165	814040	24.92	ng/ul	0.02
29) 4-Chloroaniline-d4	10.80	131	132348	4.33	ng/ul	0.02
43) Dimethylphthalate-d6	13.90	166	2366748	27.06	ng/ul	0.02
46) Acenaphthylene-d8	14.19	160	2845737	26.88	ng/ul	0.02
51) 4-Nitrophenol-d4	14.72	143	252365	19.19	ng/ul	0.04
57) Fluorene-d10	15.49	176	1844710	25.70	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.65	200	28753	2.22	ng/ul	0.04
70) Anthracene-d10	17.35	188	2529281	27.09	ng/ul	0.02
76) Pyrene-d10	19.64	212	2708954	24.16	ng/ul	0.03
87) Benzo(a)pyrene-d12	23.63	264	3199078	27.10	ng/ul	0.06
Target Compounds						Qvalue
6) Phenol	7.05	94	1028099	26.018	ng/ul#	84
10) 2-Chlorophenol	7.41	128	823368	24.882	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.65	70	528937	19.733	ng/ul#	68
33) 4-Chloro-3-methylphenol	11.95	107	810900	24.053	ng/ul	95
44) Dimethylphthalate	13.95	163	418252	4.774	ng/ul	99
47) Acenaphthylene	14.22	152	202195	1.945	ng/ul	98
49) Acenaphthene	14.56	153	1646634	23.516	ng/ul	100
52) 4-Nitrophenol	14.73	109	223129	18.884	ng/ul#	81
53) Dibenzofuran	14.90	168	130488	1.294	ng/ul	98
54) 2,4-Dinitrotoluene	14.89	165	478755	18.993	ng/ul#	83
56) Diethylphthalate	15.31	149	278093	2.936	ng/ul	95
68) Pentachlorophenol	16.90	266	297936	20.866	ng/ul	97
69) Phenanthrene	17.29	178	1778472	16.560	ng/ul	99
71) Anthracene	17.38	178	455132	4.093	ng/ul	97
72) Carbazole	17.65	167	95635	1.016	ng/ul#	91
74) Fluoranthene	19.30	202	2946510	22.734	ng/ul#	90
77) Pyrene	19.67	202	5681086	38.938	ng/ul#	91
80) Benzo(a)anthracene	21.42	228	1773729	12.339	ng/ul	93
81) Bis(2-ethylhexyl)phthalate	21.32	149	126373	1.297	ng/ul#	87
82) Chrysene	21.42	228	1773729	13.142	ng/ul	97
85) Benzo(b)fluoranthene	23.07	252	2542505	15.913	ng/ul#	90
86) Benzo(k)fluoranthene	23.07	252	2542505	16.513	ng/ul#	88
88) Benzo(a)pyrene	23.67	252	1727601	11.472	ng/ul#	90

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101217\
Data File : BM012123.D
Acq On : 13 Oct 2017 05:52
Operator : SJ/JU
Sample : I5533-05MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 13 06:51:39 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)
89) Indeno(1,2,3-cd)pyrene	26.19	276	1152053	7.204	ng/ul#	89
90) Dibenzo(a,h)anthracene	26.19	278	326451	2.428	ng/ul#	47
91) Benzo(g,h,i)perylene	26.94	276	1176359	8.981	ng/ul#	86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101217\
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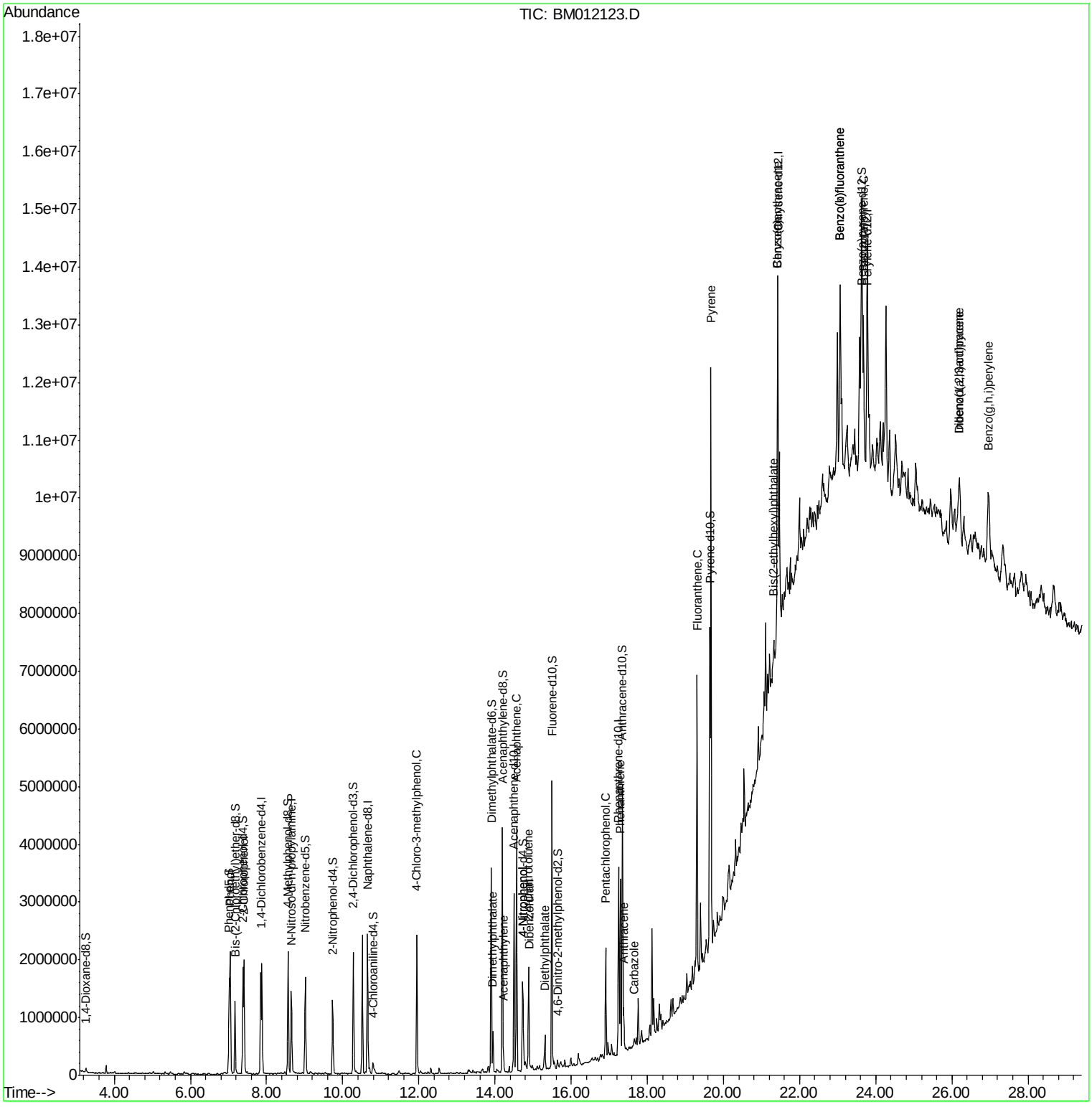
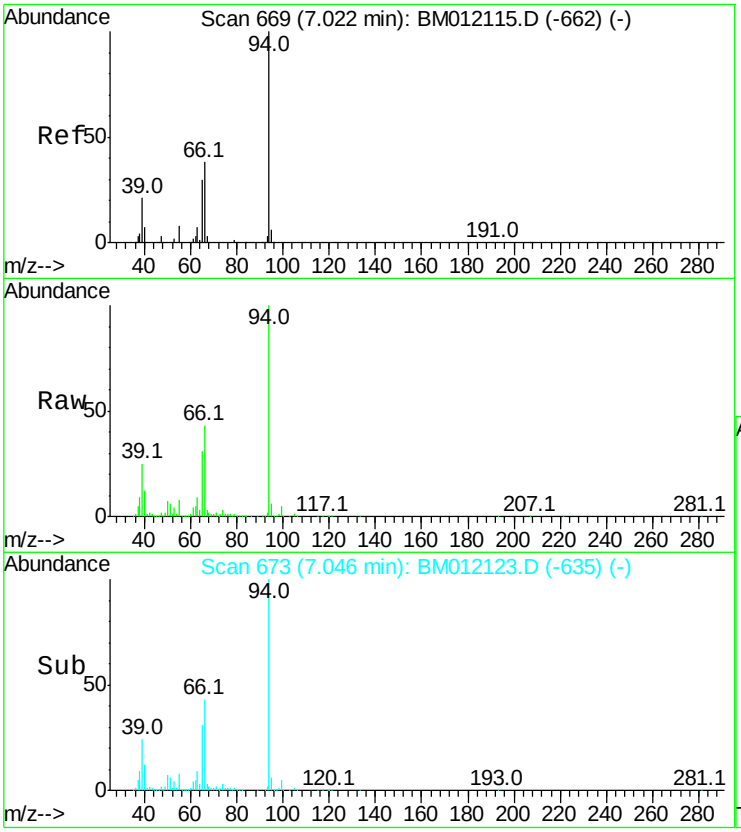
Acq On : 13 Oct 2017 05:52
Operator : SJ/JU
Sample : I5533-05MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 13 06:51:39 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



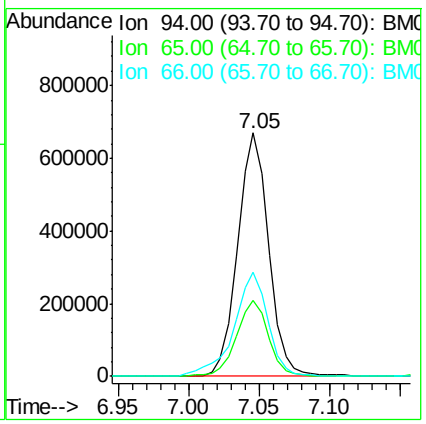


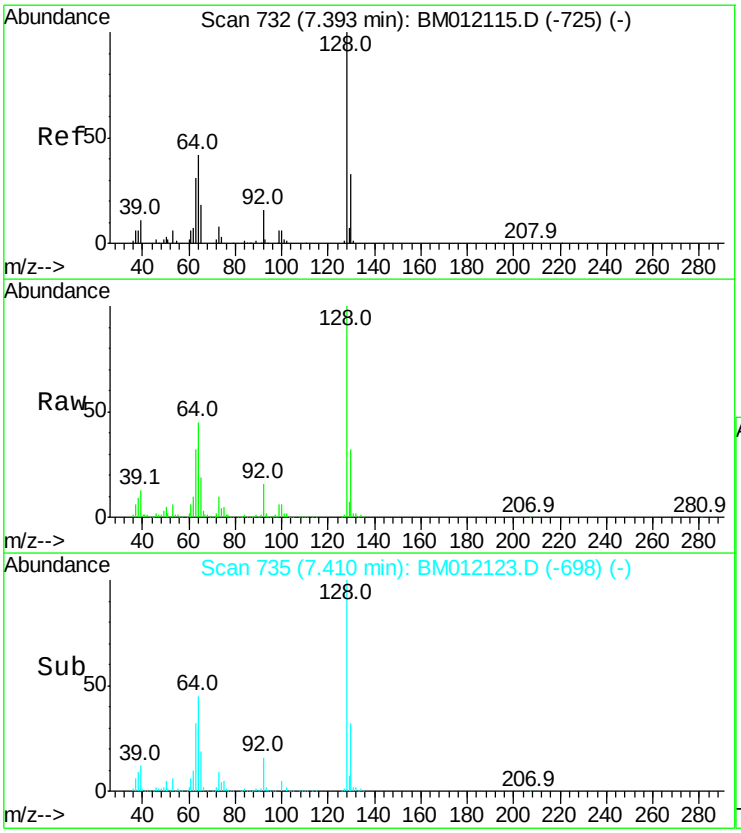
#6
Phenol
Concen: 26.018 ng/ul
RT: 7.05 min Scan# 673
Delta R.T. 0.02 min
Lab File: BM012123.D
Acq: 13 Oct 2017 05:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 1028099

Ion	Ratio	Lower	Upper
94	100		
65	31.2	28.2	42.4
66	42.9	47.2	70.8#

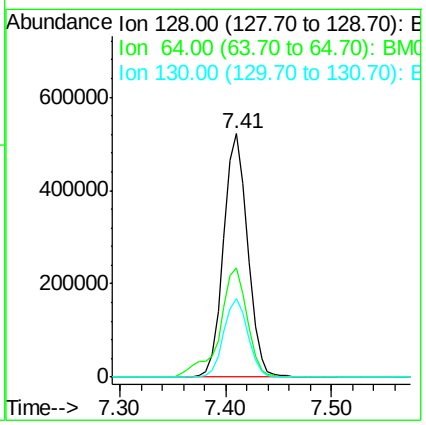


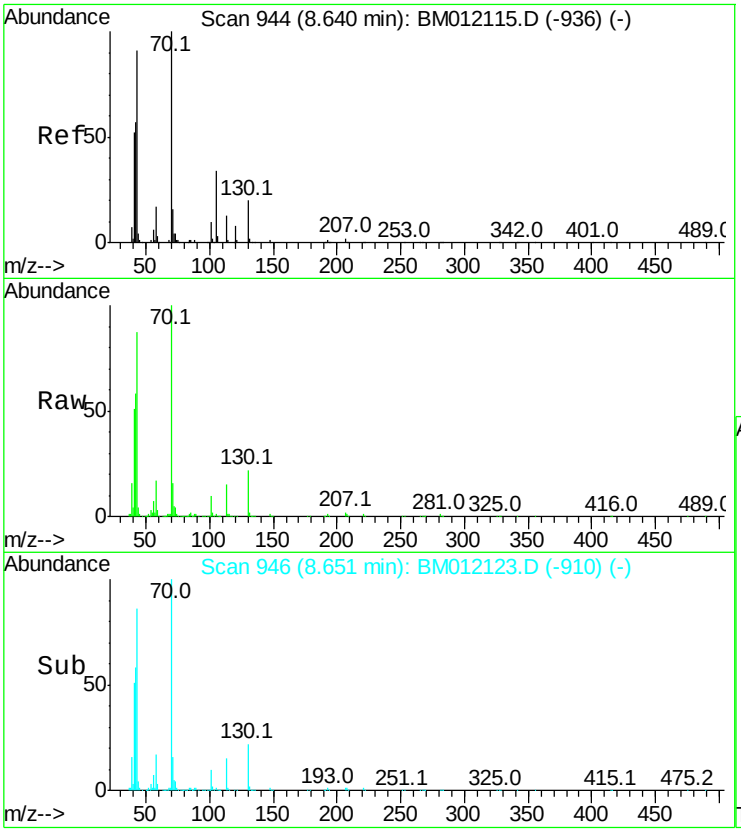


#10
2-Chlorophenol
Concen: 24.882 ng/ul
RT: 7.41 min Scan# 735
Delta R.T. 0.02 min
Lab File: BM012123.D
Acq: 13 Oct 2017 05:52

Tgt Ion:128 Resp: 823368

Ion	Ratio	Lower	Upper
128	100		
64	45.0	38.0	57.0
130	32.3	24.4	36.6



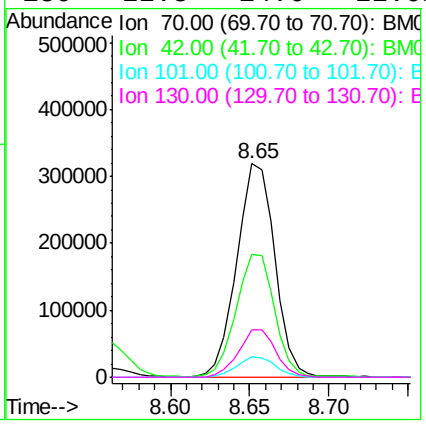


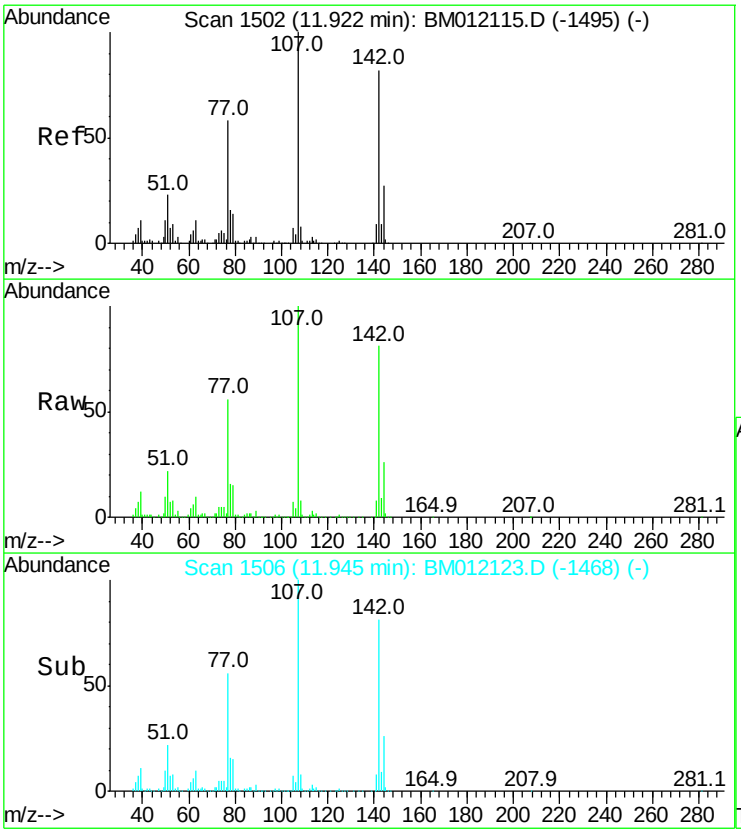
#15
N-Nitroso-di-n-propylamine
Concen: 19.733 ng/ul
RT: 8.65 min Scan# 946
Delta R.T. 0.01 min
Lab File: BM012123.D
Acq: 13 Oct 2017 05:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 528937

Ion	Ratio	Lower	Upper
70	100		
42	57.7	76.0	114.0#
101	9.6	6.7	10.1
130	22.3	14.6	22.0#

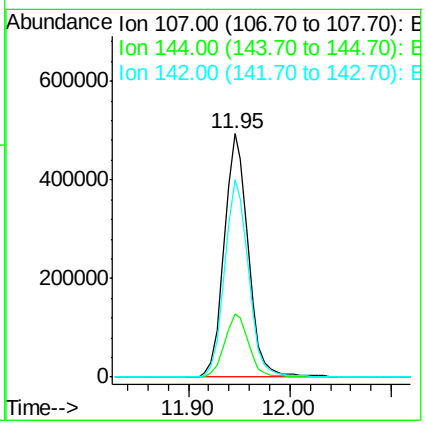


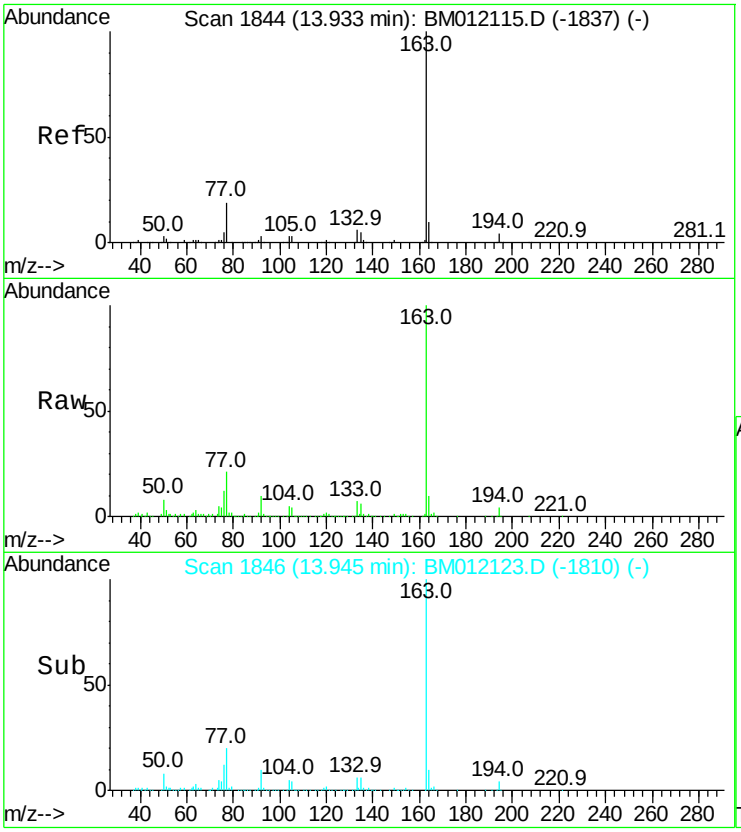


#33
4-Chloro-3-methylphenol
Concen: 24.053 ng/ul
RT: 11.95 min Scan# 1506
Delta R.T. 0.02 min
Lab File: BM012123.D
Acq: 13 Oct 2017 05:52

Tgt Ion:107 Resp: 810900

Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.4	30.6
142	81.2	60.5	90.7



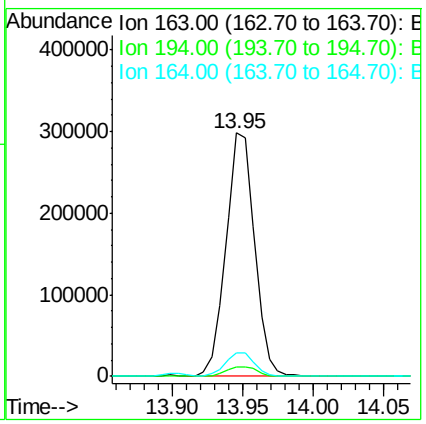


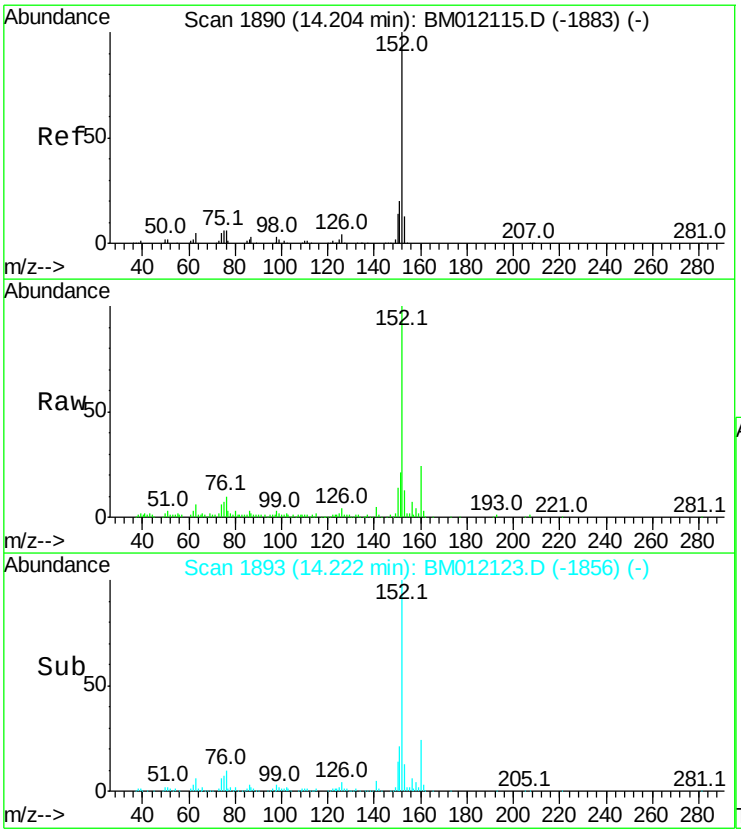
#44
Dimethylphthalate
Concen: 4.774 ng/ul
RT: 13.95 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BM012123.D
Acq: 13 Oct 2017 05:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 418252

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	9.9	8.2	12.4

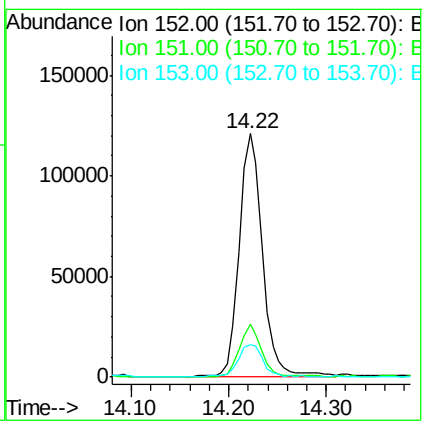


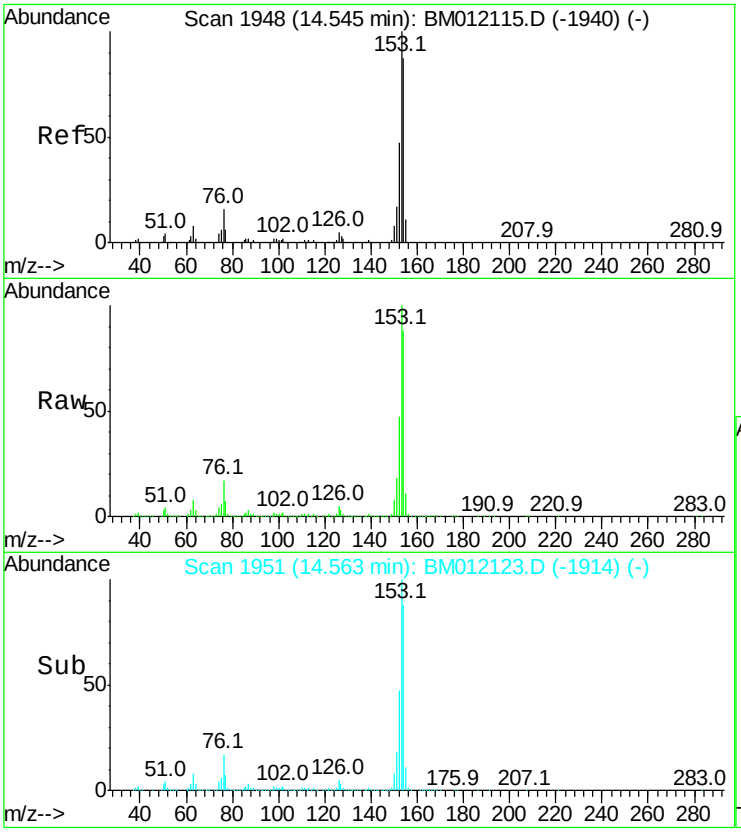


#47
Acenaphthylene
Concen: 1.945 ng/ul
RT: 14.22 min Scan# 1893
Delta R.T. 0.02 min
Lab File: BM012123.D
Acq: 13 Oct 2017 05:52

Tgt Ion:152 Resp: 202195

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.3	24.5
153	13.5	10.2	15.4



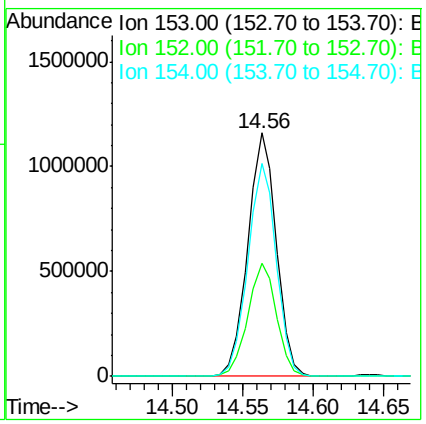


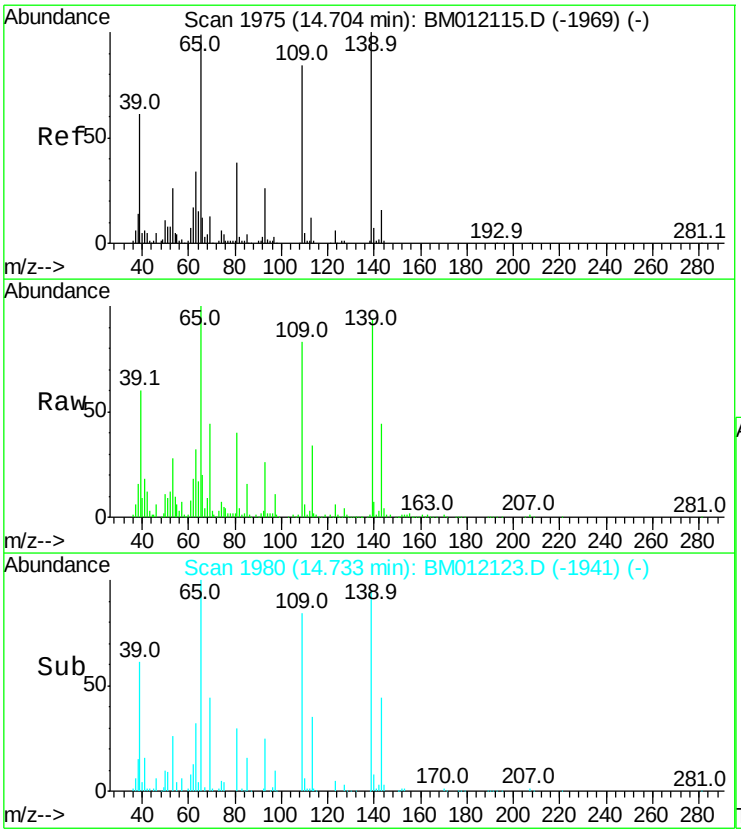
#49
Acenaphthene
Concen: 23.516 ng/ul
RT: 14.56 min Scan# 1951
Delta R.T. 0.02 min
Lab File: BM012123.D
Acq: 13 Oct 2017 05:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 1646634

Ion	Ratio	Lower	Upper
153	100		
152	46.7	37.6	56.4
154	87.5	70.4	105.6

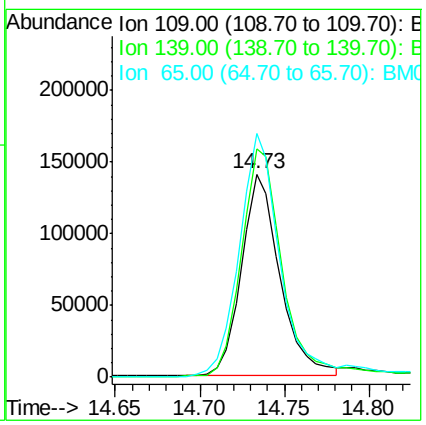


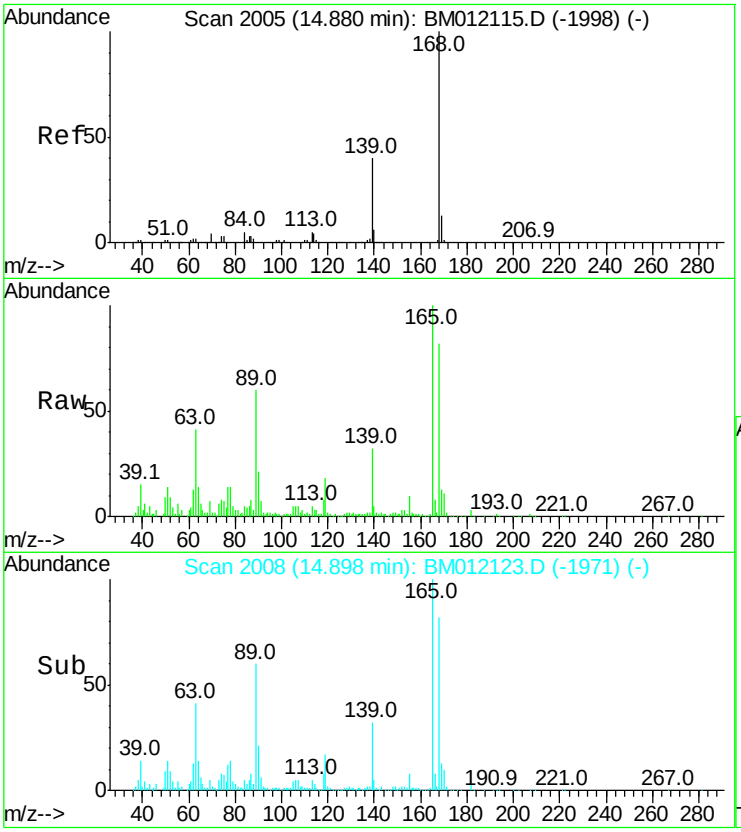


#52
4-Nitrophenol
Concen: 18.884 ng/ul
RT: 14.73 min Scan# 1980
Delta R.T. 0.03 min
Lab File: BM012123.D
Acq: 13 Oct 2017 05:52

Tgt Ion:109 Resp: 223129

Ion	Ratio	Lower	Upper
109	100		
139	112.0	80.0	120.0
65	119.8	120.0	180.0#



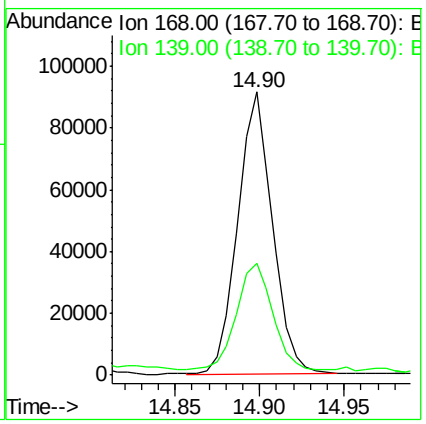


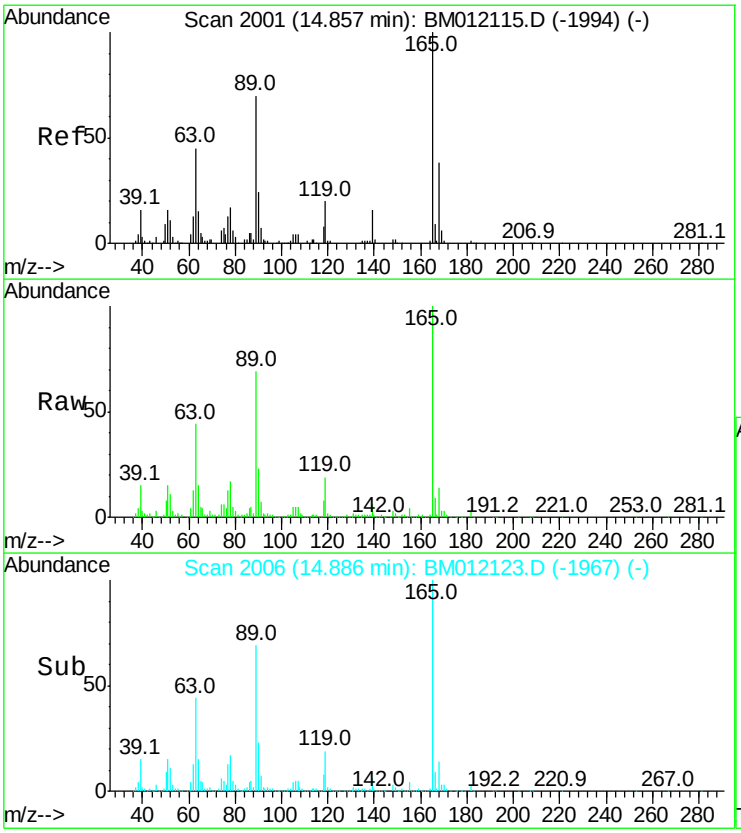
#53
Dibenzofuran
Concen: 1.294 ng/ul
RT: 14.90 min Scan# 2008
Delta R.T. 0.02 min
Lab File: BM012123.D
Acq: 13 Oct 2017 05:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 130488

Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.8	46.2

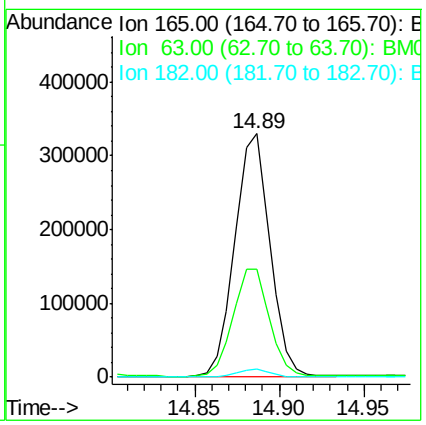


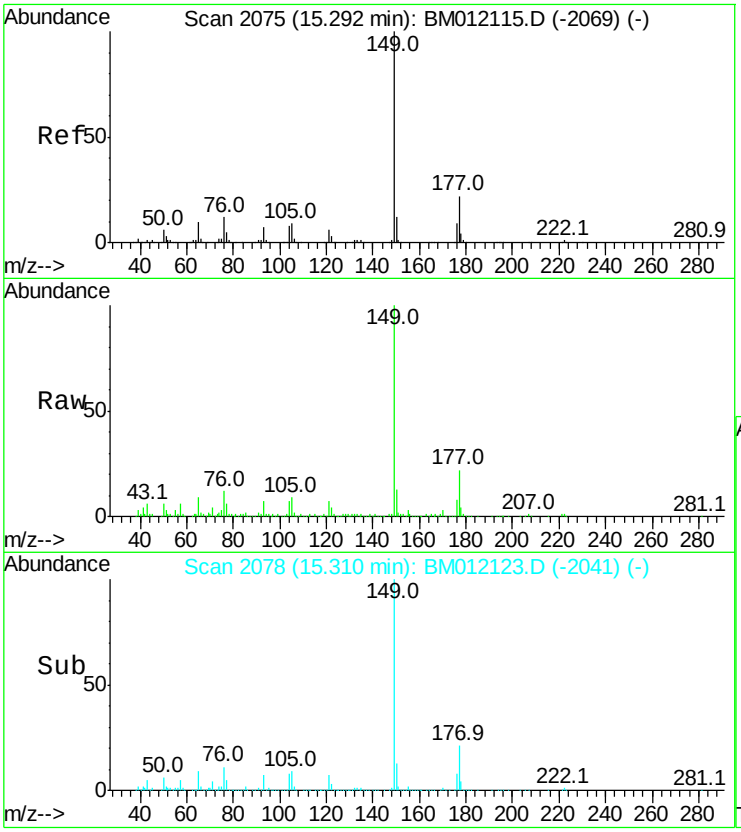


#54
2,4-Dinitrotoluene
Concen: 18.993 ng/ul
RT: 14.89 min Scan# 2006
Delta R.T. 0.03 min
Lab File: BM012123.D
Acq: 13 Oct 2017 05:52

Tgt Ion:165 Resp: 478755

Ion	Ratio	Lower	Upper
165	100		
63	44.2	45.8	68.8#
182	3.1	2.6	4.0



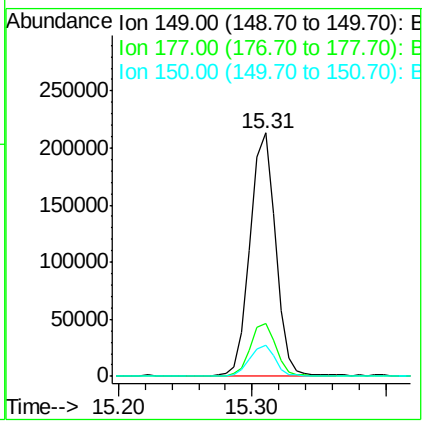


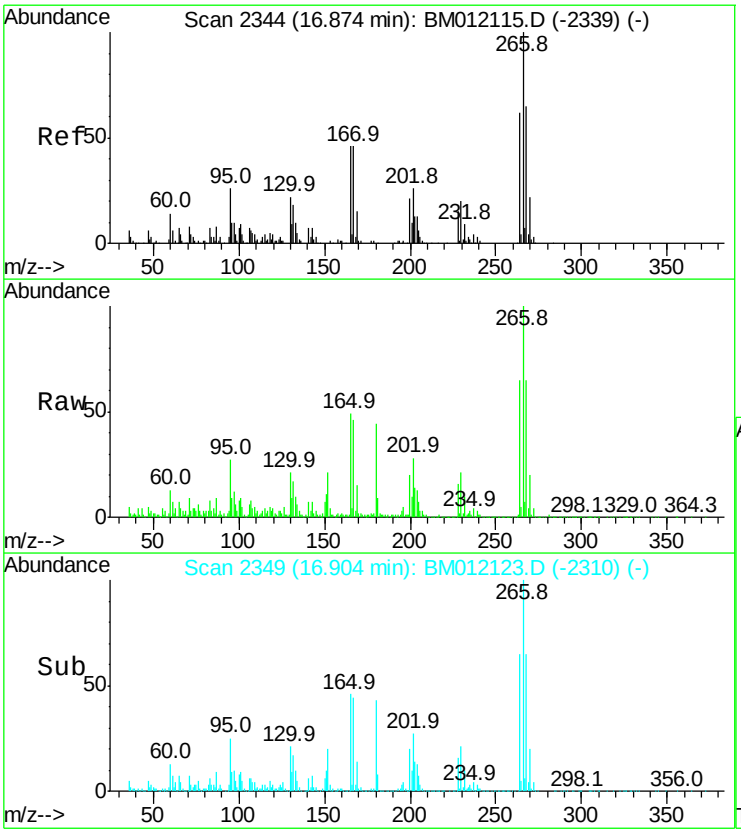
#56
Diethylphthalate
Concen: 2.936 ng/ul
RT: 15.31 min Scan# 2078
Delta R.T. 0.02 min
Lab File: BM012123.D
Acq: 13 Oct 2017 05:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 278093

Ion	Ratio	Lower	Upper
149	100		
177	21.7	20.5	30.7
150	13.0	10.6	15.8

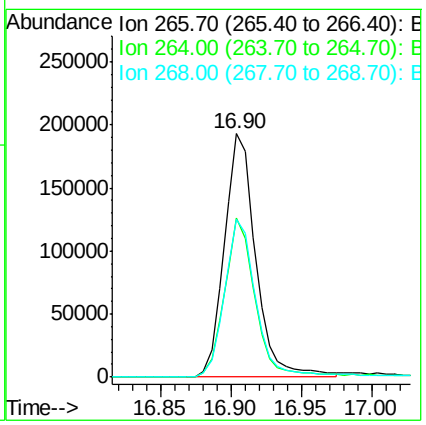


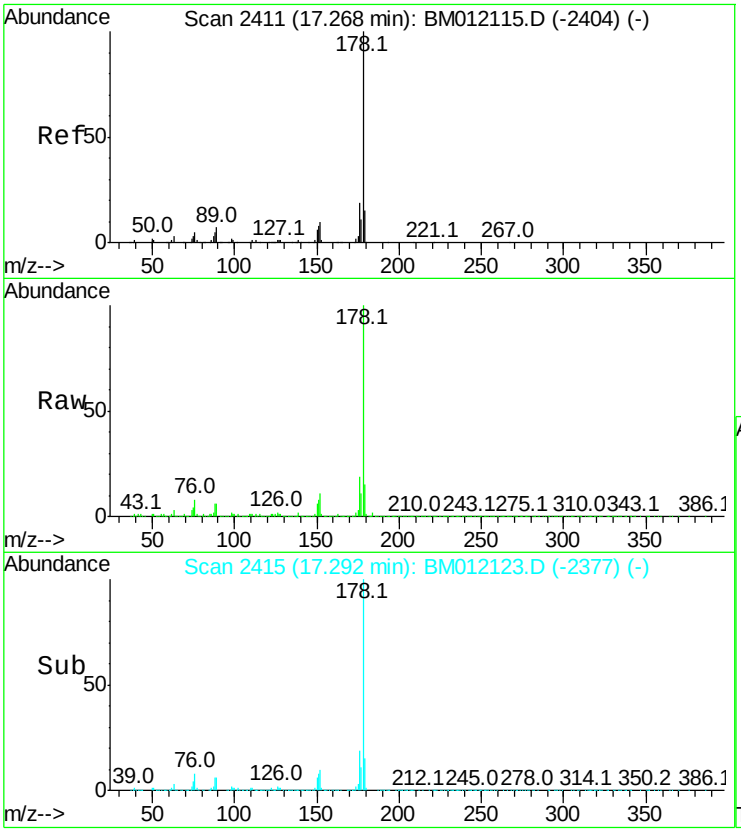


#68
Pentachlorophenol
Concen: 20.866 ng/ul
RT: 16.90 min Scan# 2349
Delta R.T. 0.03 min
Lab File: BM012123.D
Acq: 13 Oct 2017 05:52

Tgt Ion:266 Resp: 297936

Ion	Ratio	Lower	Upper
266	100		
264	65.3	49.3	73.9
268	64.8	52.6	78.8



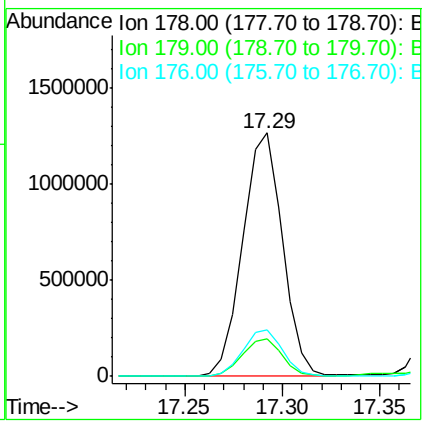


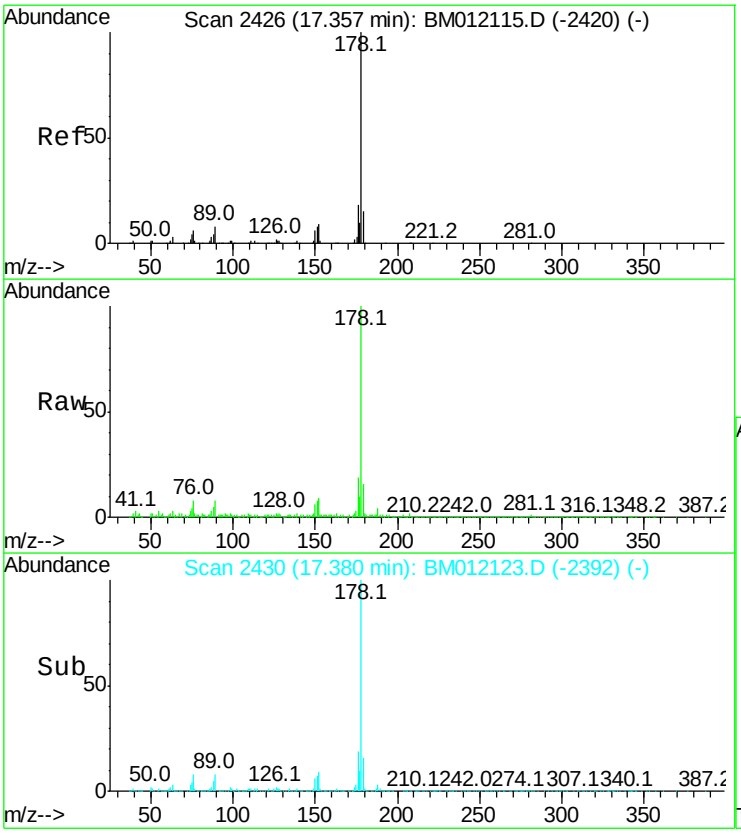
#69
Phenanthrene
Concen: 16.560 ng/ul
RT: 17.29 min Scan# 2415
Delta R.T. 0.02 min
Lab File: BM012123.D
Acq: 13 Oct 2017 05:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1778472

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.2	14.9	22.3

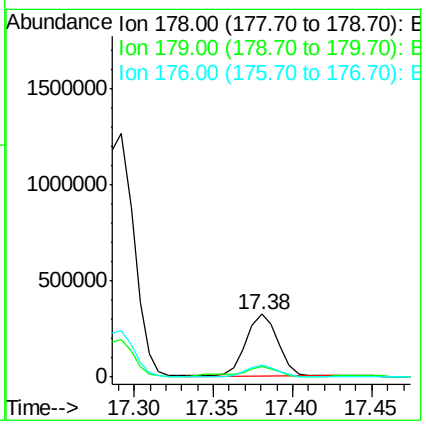


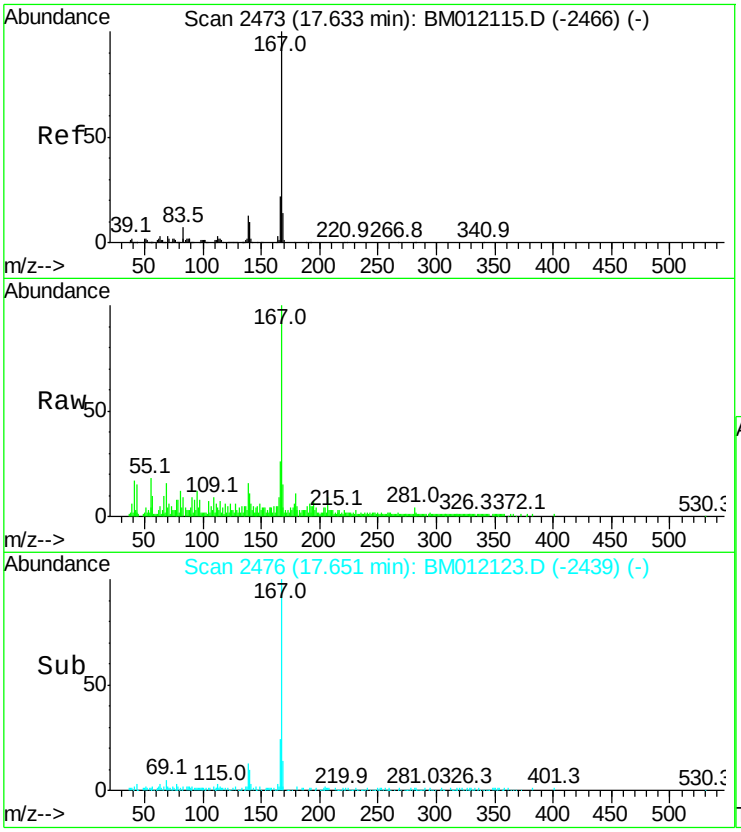


#71
Anthracene
Concen: 4.093 ng/ul
RT: 17.38 min Scan# 2430
Delta R.T. 0.02 min
Lab File: BM012123.D
Acq: 13 Oct 2017 05:52

Tgt Ion:178 Resp: 455132

Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.7	17.5
176	19.2	14.6	21.8



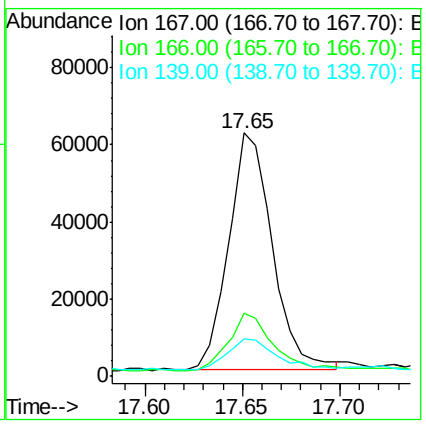


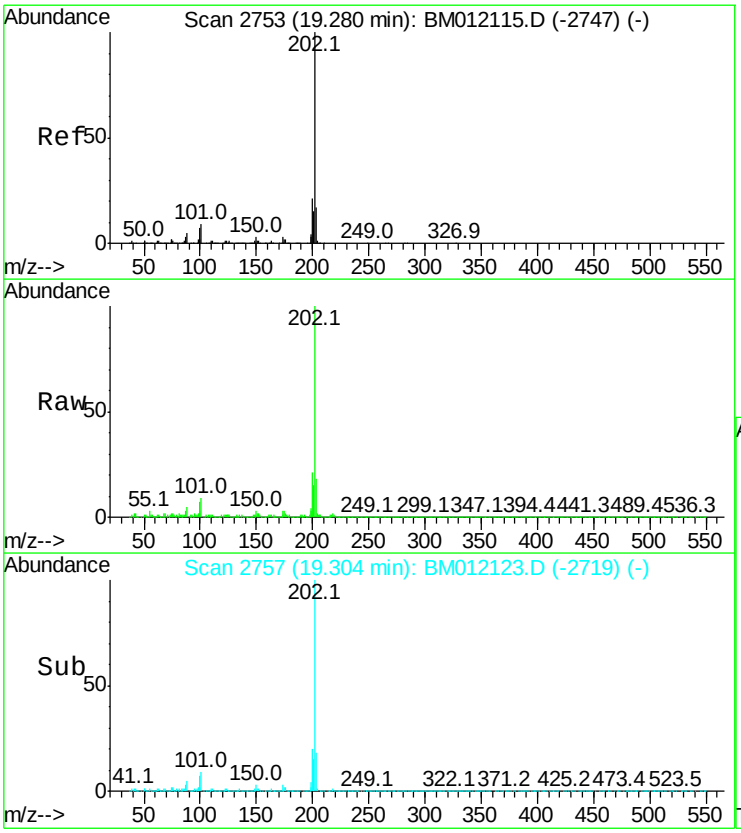
#72
Carbazole
Concen: 1.016 ng/ul
RT: 17.65 min Scan# 2476
Delta R.T. 0.02 min
Lab File: BM012123.D
Acq: 13 Oct 2017 05:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 95635

Ion	Ratio	Lower	Upper
167	100		
166	25.8	17.1	25.7#
139	15.6	10.0	15.0#

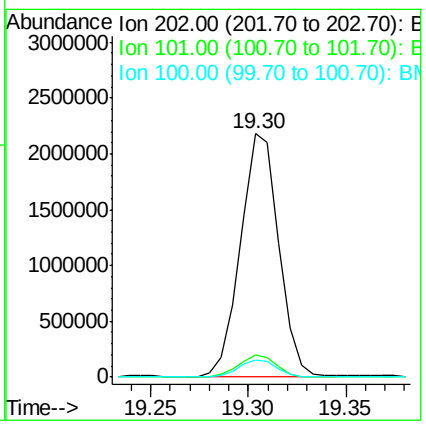


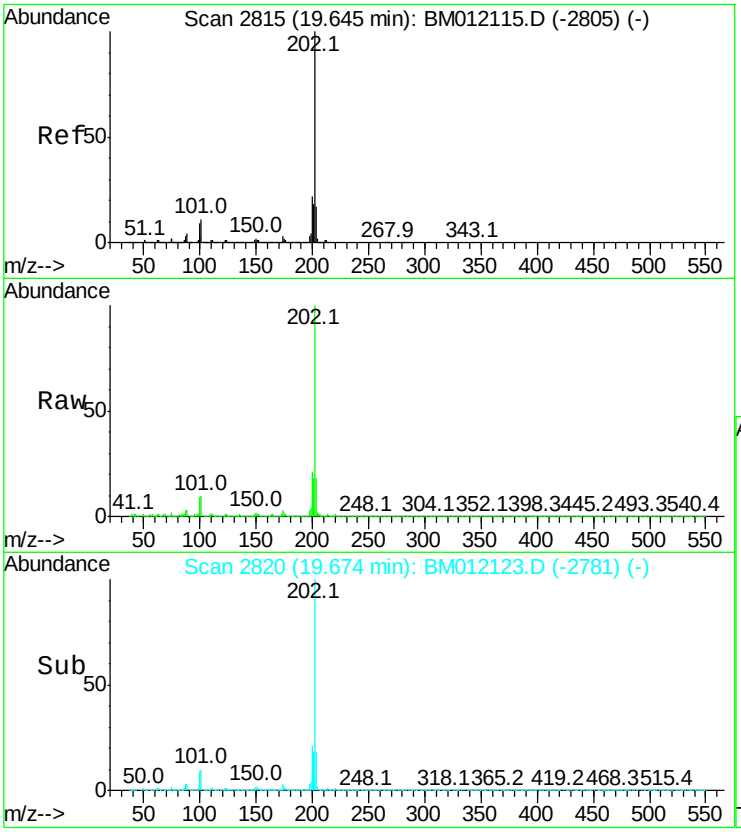


#74
Fluoranthene
Concen: 22.734 ng/ul
RT: 19.30 min Scan# 2757
Delta R.T. 0.02 min
Lab File: BM012123.D
Acq: 13 Oct 2017 05:52

Tgt Ion:202 Resp: 2946510

Ion	Ratio	Lower	Upper
202	100		
101	9.2	4.6	7.0#
100	7.2	3.4	5.2#



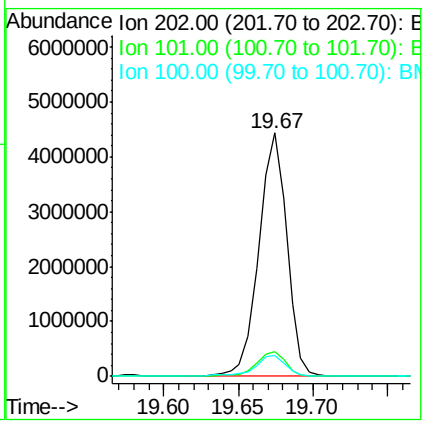


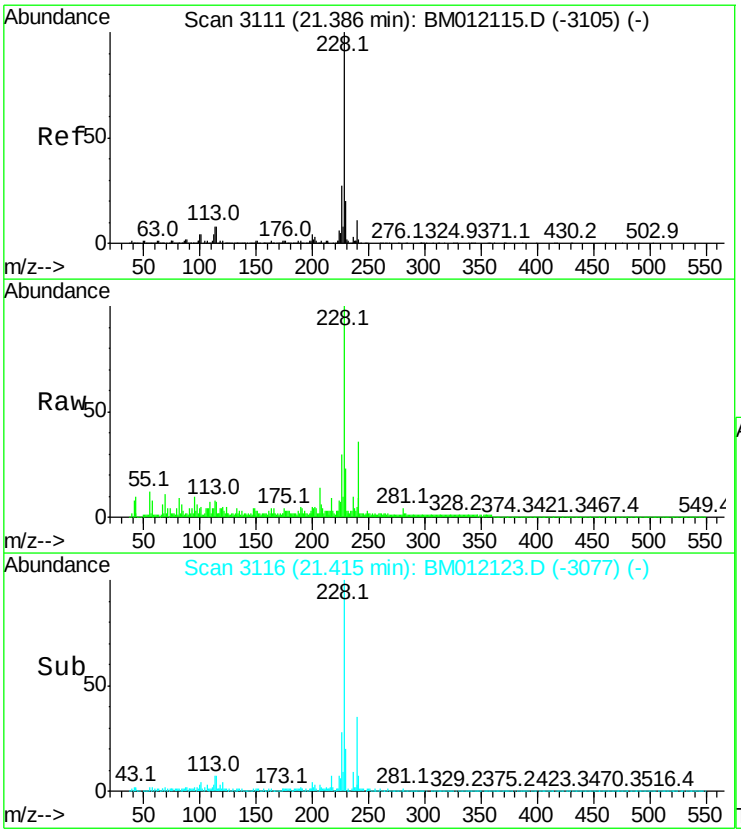
#77
Pyrene
Concen: 38.938 ng/ul
RT: 19.67 min Scan# 2820
Delta R.T. 0.03 min
Lab File: BM012123.D
Acq: 13 Oct 2017 05:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 5681086

Ion	Ratio	Lower	Upper
202	100		
101	10.3	5.1	7.7#
100	8.5	4.9	7.3#

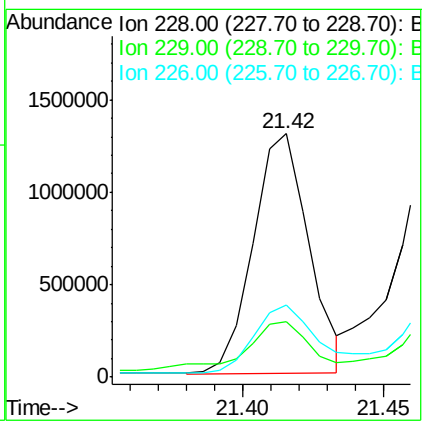


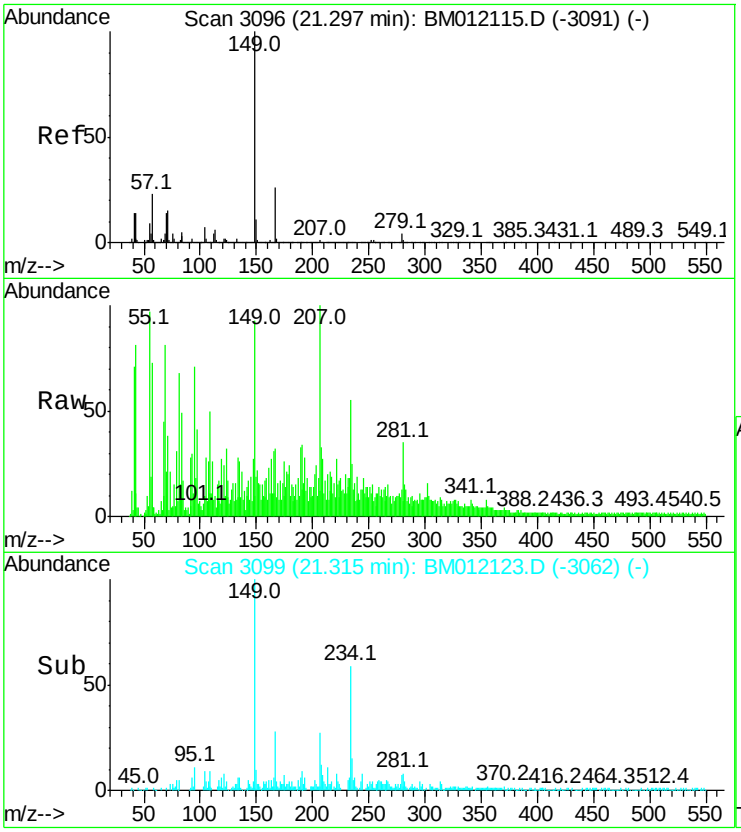


#80
Benzo(a)anthracene
Concen: 12.339 ng/ul
RT: 21.42 min Scan# 3116
Delta R.T. 0.03 min
Lab File: BM012123.D
Acq: 13 Oct 2017 05:52

Tgt Ion:228 Resp: 1773729

Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.4	23.0
226	29.6	21.4	32.0



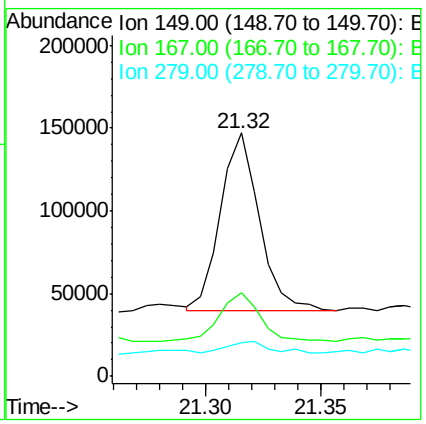


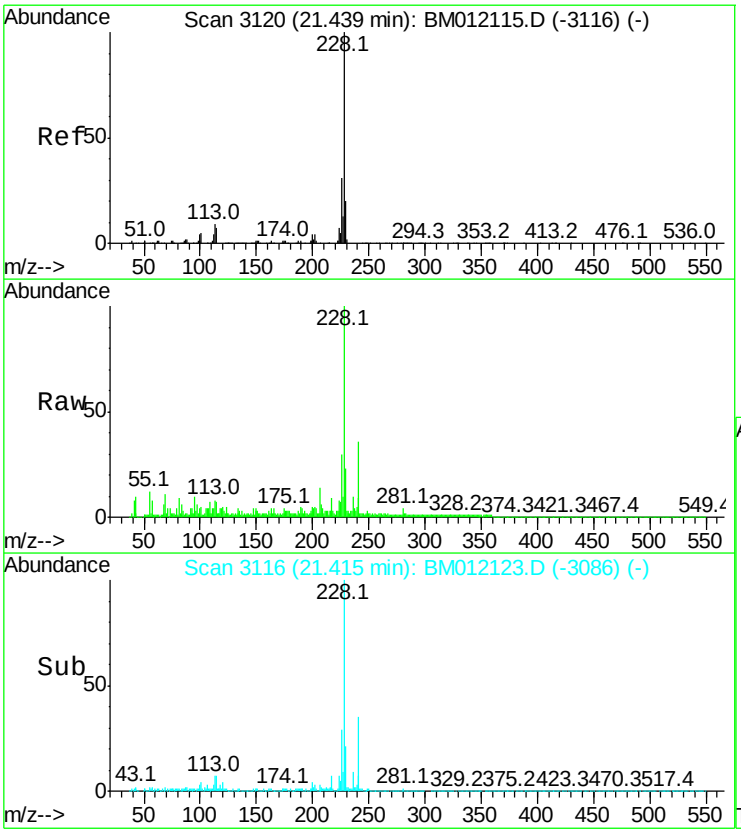
#81
Bis(2-ethylhexyl)phthalate
Concen: 1.297 ng/ul
RT: 21.32 min Scan# 3099
Delta R.T. 0.02 min
Lab File: BM012123.D
Acq: 13 Oct 2017 05:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 126373

Ion	Ratio	Lower	Upper
149	100		
167	34.1	22.8	34.2
279	13.9	4.9	7.3#

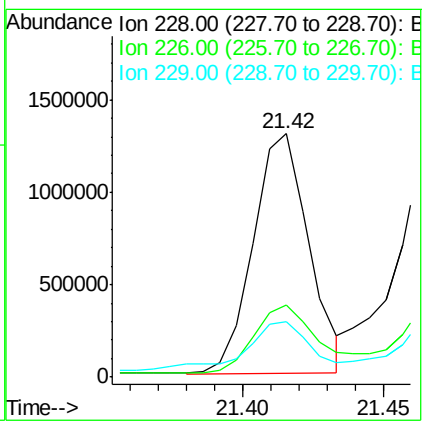


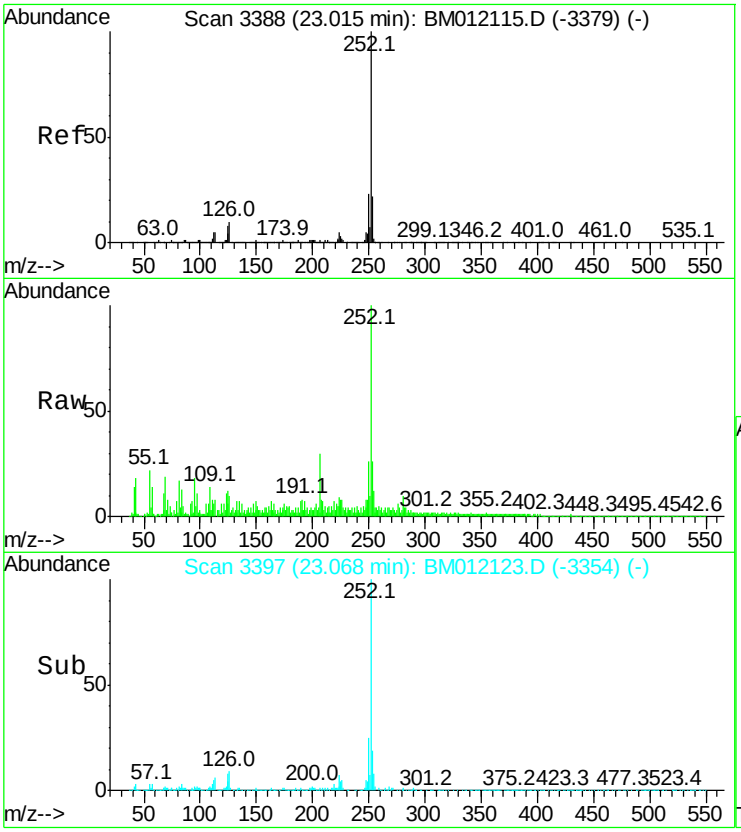


#82
Chrysene
Concen: 13.142 ng/ul
RT: 21.42 min Scan# 3116
Delta R.T. -0.02 min
Lab File: BM012123.D
Acq: 13 Oct 2017 05:52

Tgt Ion:228 Resp: 1773729

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	22.8	15.5	23.3



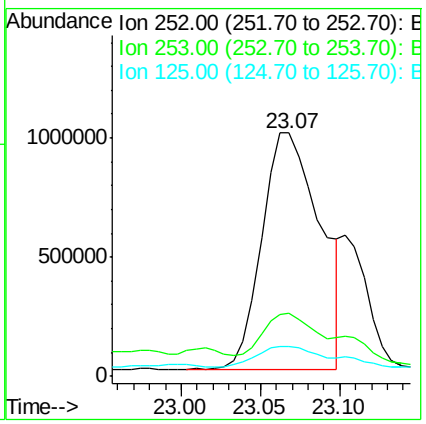


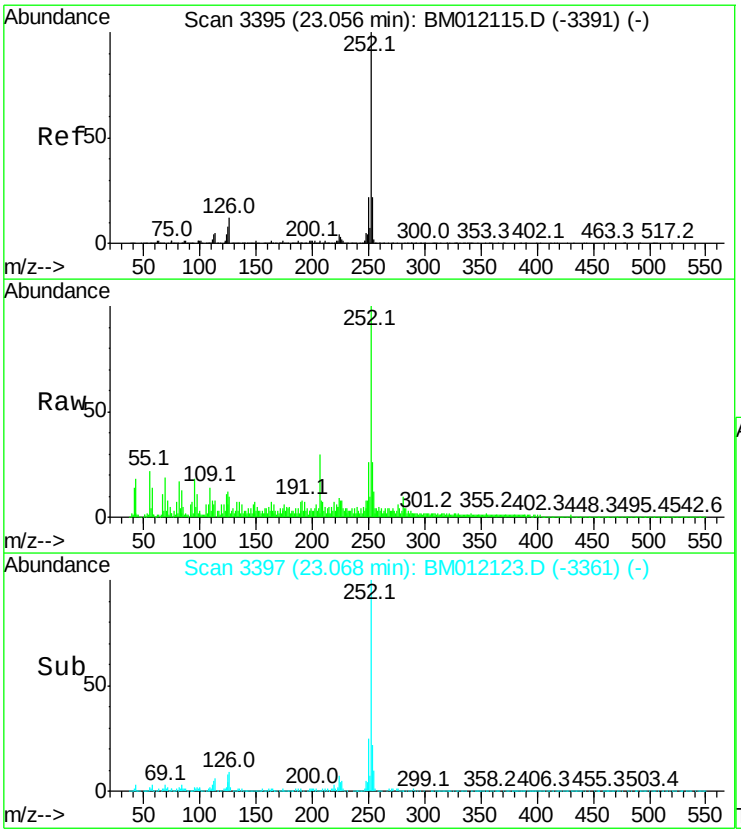
#85
Benzo(b)fluoranthene
Concen: 15.913 ng/ul
RT: 23.07 min Scan# 3397
Delta R.T. 0.05 min
Lab File: BM012123.D
Acq: 13 Oct 2017 05:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2542505

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.9	26.9
125	12.1	3.6	5.4#

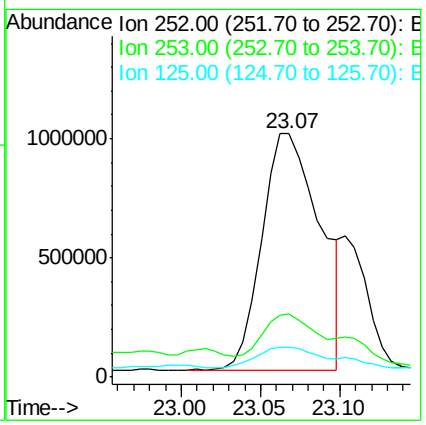


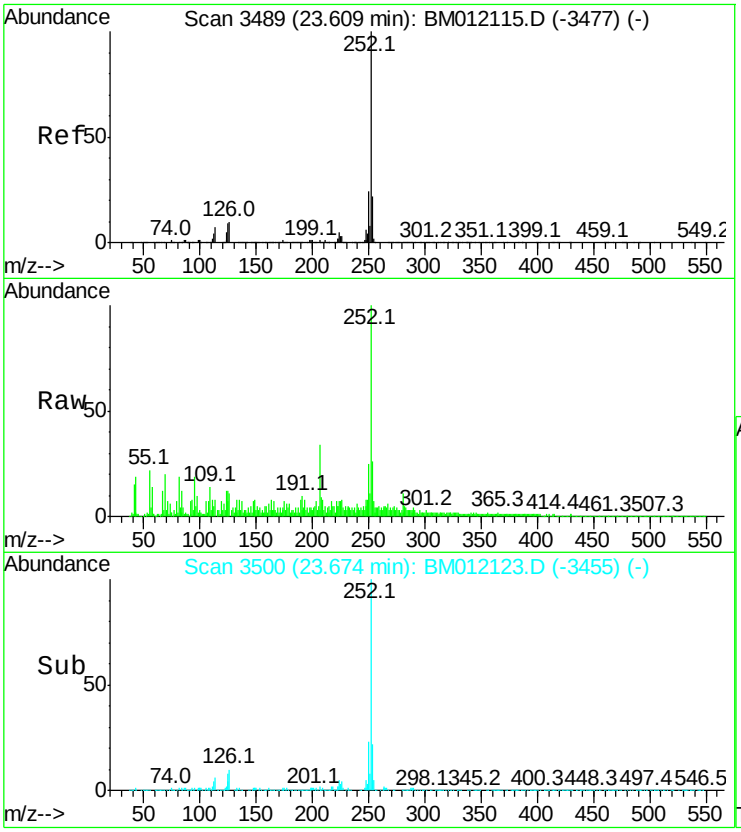


#86
Benzo(k)fluoranthene
Concen: 16.513 ng/ul
RT: 23.07 min Scan# 3397
Delta R.T. 0.01 min
Lab File: BM012123.D
Acq: 13 Oct 2017 05:52

Tgt Ion:252 Resp: 2542505

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.1	25.7#
125	12.1	3.4	5.2#



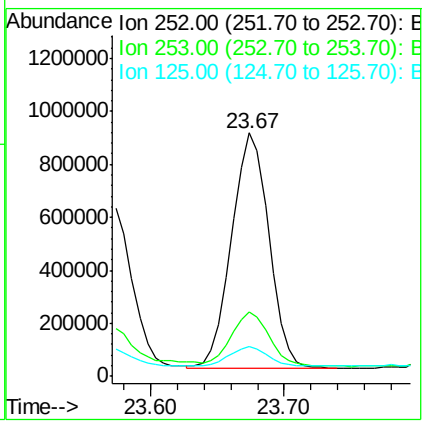


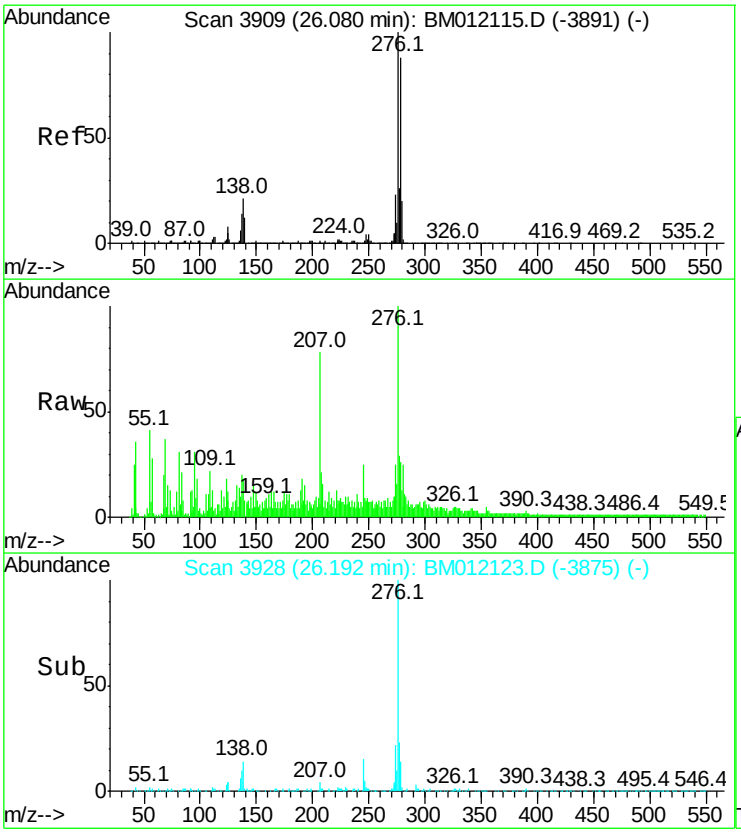
#88
Benzo(a)pyrene
Concen: 11.472 ng/ul
RT: 23.67 min Scan# 3500
Delta R.T. 0.06 min
Lab File: BM012123.D
Acq: 13 Oct 2017 05:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1727601

Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.2	27.2
125	12.1	4.0	6.0#

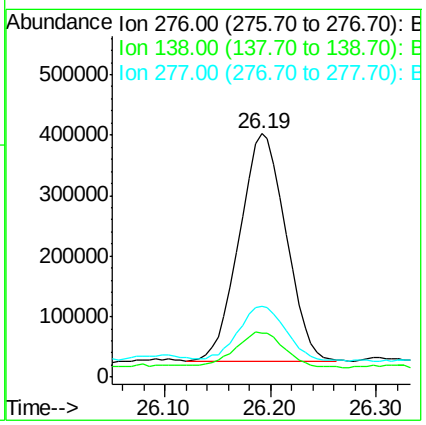


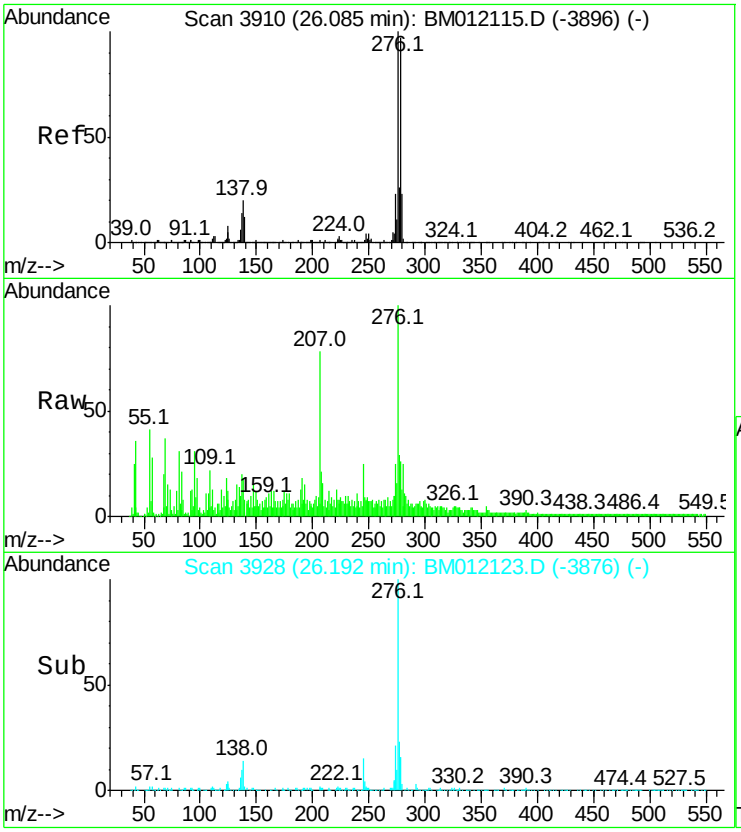


#89
Indeno(1,2,3-cd)pyrene
Concen: 7.204 ng/ul
RT: 26.19 min Scan# 3928
Delta R.T. 0.11 min
Lab File: BM012123.D
Acq: 13 Oct 2017 05:52

Tgt Ion:276 Resp: 1152053

Ion	Ratio	Lower	Upper
276	100		
138	18.0	9.3	13.9#
277	29.3	19.9	29.9



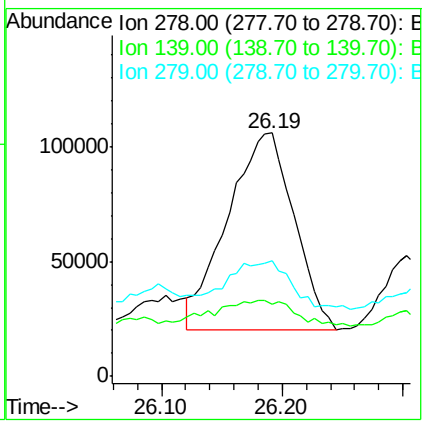


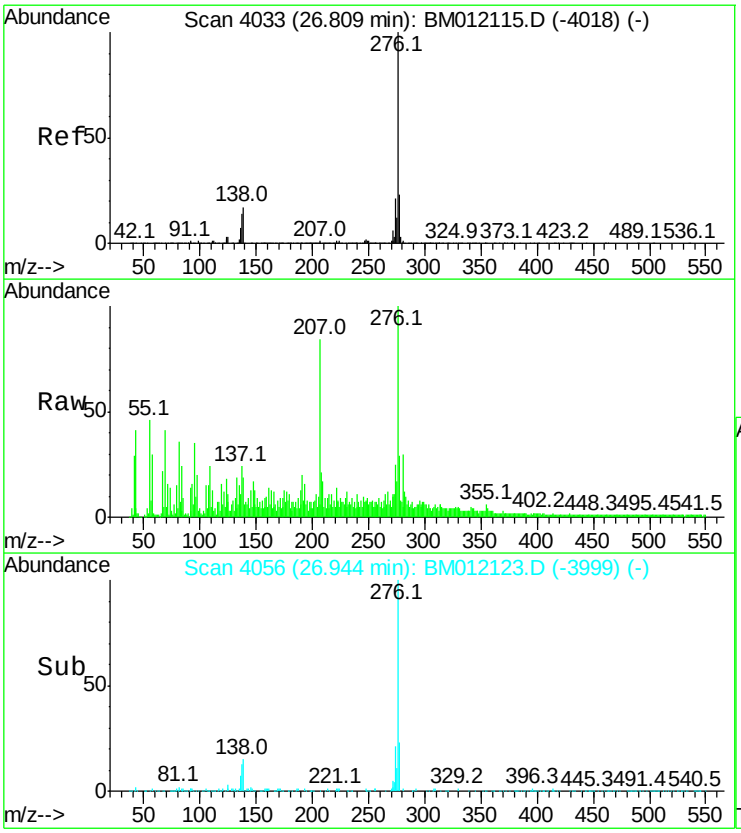
#90
Dibenzo(a,h)anthracene
Concen: 2.428 ng/ul
RT: 26.19 min Scan# 3928
Delta R.T. 0.11 min
Lab File: BM012123.D
Acq: 13 Oct 2017 05:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 326451

Ion	Ratio	Lower	Upper
278	100		
139	29.7	5.8	8.8#
279	47.5	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 8.981 ng/ul
RT: 26.94 min Scan# 4056
Delta R.T. 0.14 min
Lab File: BM012123.D
Acq: 13 Oct 2017 05:52

Tgt Ion:276 Resp: 1176359

Ion	Ratio	Lower	Upper
276	100		
138	18.6	8.5	12.7#
277	28.7	18.6	28.0#