Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101217\
Data File : BM012133.D
Acq On : 13 Oct 2017 12:42
Operator : SJ/JU
Sample : I5568-01 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 13 18:50:13 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	173093	20.00	ng/ul	0.02
18) Naphthalene-d8	10.65	136	738533	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.50	164	450293	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.25	188	1099310	20.00	ng/ul	0.02
75) Chrysene-d12	21.43	240	1343416	20.00	ng/ul	0.03
83) Perylene-d12	23.77	264	1130152	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	3399	0.93	ng/uL	0.00
5) Phenol-d5	7.02	99	59314	4.22	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.17	67	39622	4.70	ng/ul	0.01
9) 2-Chlorophenol-d4	7.38	132	55053	4.62	ng/ul	0.02
13) 4-Methylphenol-d8	8.56	113	45959	3.80	ng/ul	0.02
19) Nitrobenzene-d5	9.02	128	26840	4.76	ng/ul	0.02
22) 2-Nitrophenol-d4	9.74	143	31445	4.77	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.28	165	61685	4.91	ng/ul	0.02
29) 4-Chloroaniline-d4	10.81	131	10110	0.86	ng/ul	0.04
43) Dimethylphthalate-d6	13.90	166	205975	5.18	ng/ul	0.01
46) Acenaphthylene-d8	14.19	160	257992	5.36	ng/ul	0.02
51) 4-Nitrophenol-d4	14.70	143	635	0.11	ng/ul	0.01
57) Fluorene-d10	15.49	176	178410	5.46	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.65	200	2903	0.38	ng/ul	0.05
70) Anthracene-d10	17.35	188	297330	5.47	ng/ul	0.03
76) Pyrene-d10	19.64	212	376495	5.52	ng/ul	0.03
87) Benzo(a)pyrene-d12	23.63	264	289910	5.32	ng/ul	0.06
Target Compounds						Qvalue
28) Naphthalene	10.70	128	751405	19.665	ng/ul	98
30) 4-Chloroaniline	10.70	127	100475	8.683	ng/ul#	16
34) 2-Methylnaphthalene	12.32	142	218320	7.572	ng/ul	93
40) 1,1'-Biphenyl	13.33	154	82186	2.163	ng/ul	96
44) Dimethylphthalate	13.95	163	100388	2.518	ng/ul	99
47) Acenaphthylene	14.22	152	141510	2.991	ng/ul	98
49) Acenaphthene	14.56	153	1232836	38.690	ng/ul	99
53) Dibenzofuran	14.90	168	852829	18.587	ng/ul	99
58) Fluorene	15.55	166	1237385	32.473	ng/ul	99
69) Phenanthrene	17.30	178	13008686	208.016	ng/ul	95
71) Anthracene	17.39	178	3435612	53.066	ng/ul	99
72) Carbazole	17.66	167	1593700	29.086	ng/ul	98
73) Di-n-butylphthalate	18.20	149	354678	4.662	ng/ul	97
74) Fluoranthene	19.32	202	14413699	190.986	ng/ul#	81
77) Pyrene	19.68	202	13340218	150.361	ng/ul#	85
80) Benzo(a)anthracene	21.42	228	7466832	85.418	ng/ul	96
82) Chrysene	21.47	228	6316464	76.964	ng/ul	94
85) Benzo(b)fluoranthene	23.07	252	6322489	85.727	ng/ul#	97
86) Benzo(k)fluoranthene	23.07	252	6322489	88.957	ng/ul#	95
88) Benzo(a)pyrene	23.68	252	4729177	68.033	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.19	276	2510401	34.008	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.18	278	686634	11.065	ng/ul#	80
91) Benzo(g,h,i)perylene	26.93	276	2253983	37.281	ng/ul#	92

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101217\
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Misc :
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Quant Title : SVOA CALIBRATION
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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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101217\
Data File : BM012133.D
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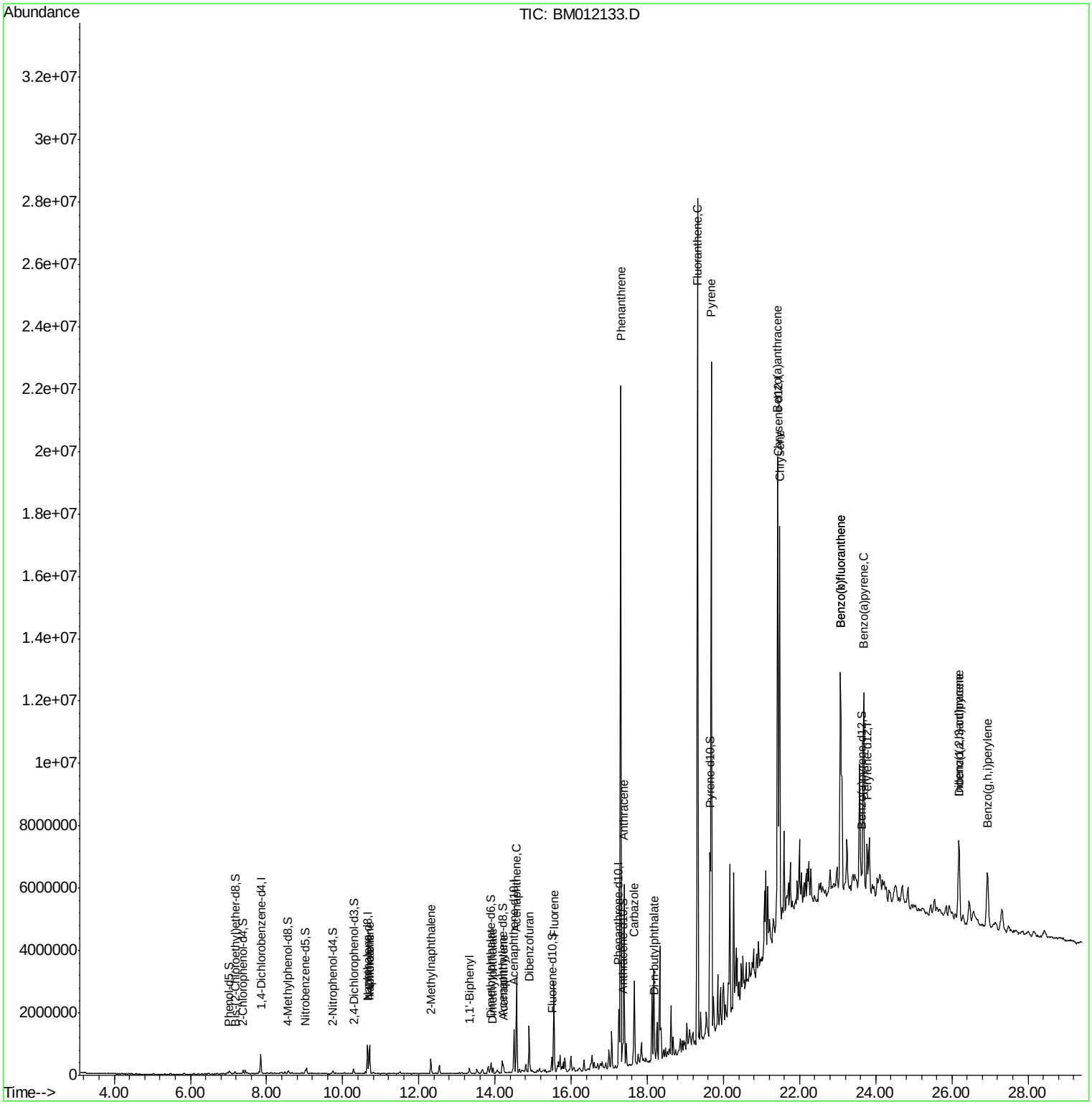
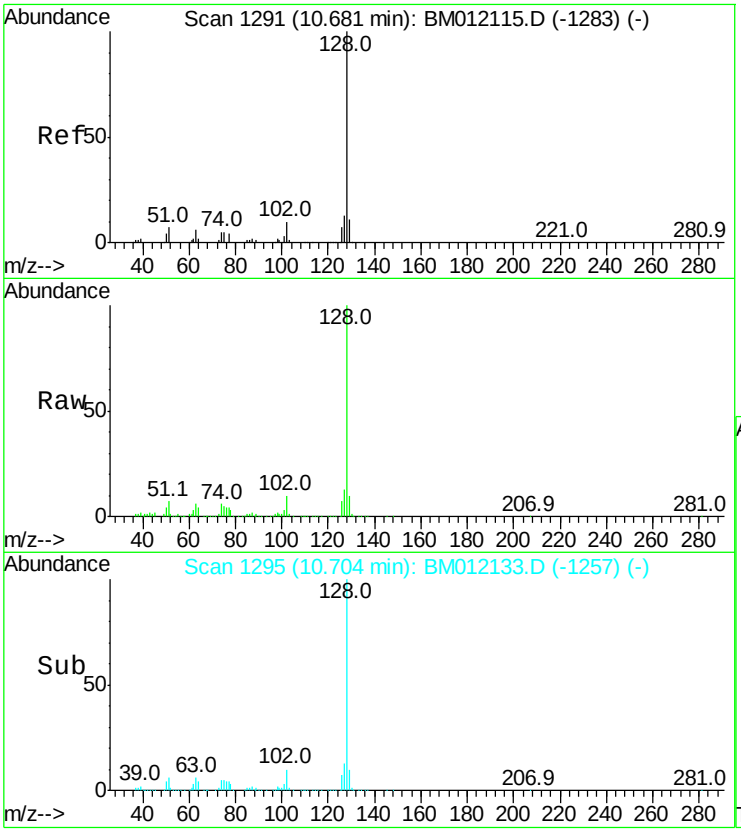
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration



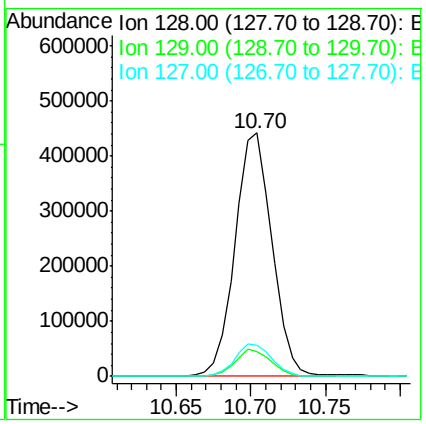


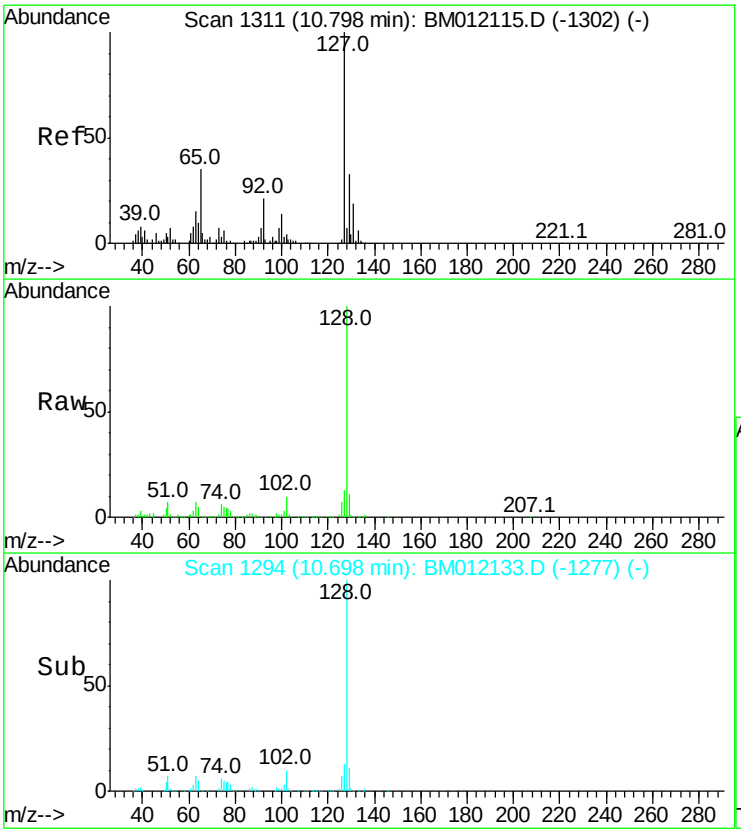
#28
Naphthalene
Concen: 19.665 ng/ul
RT: 10.70 min Scan# 1295
Delta R.T. 0.02 min
Lab File: BM012133.D
Acq: 13 Oct 2017 12:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 751405

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.8	13.2
127	12.6	10.6	16.0

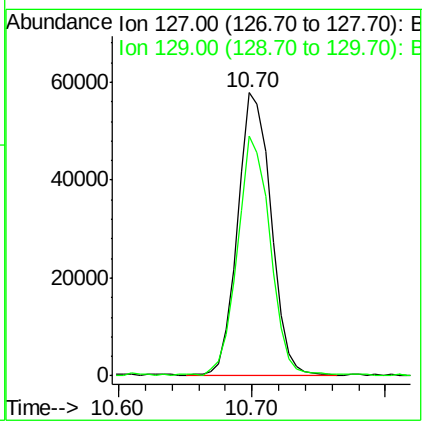


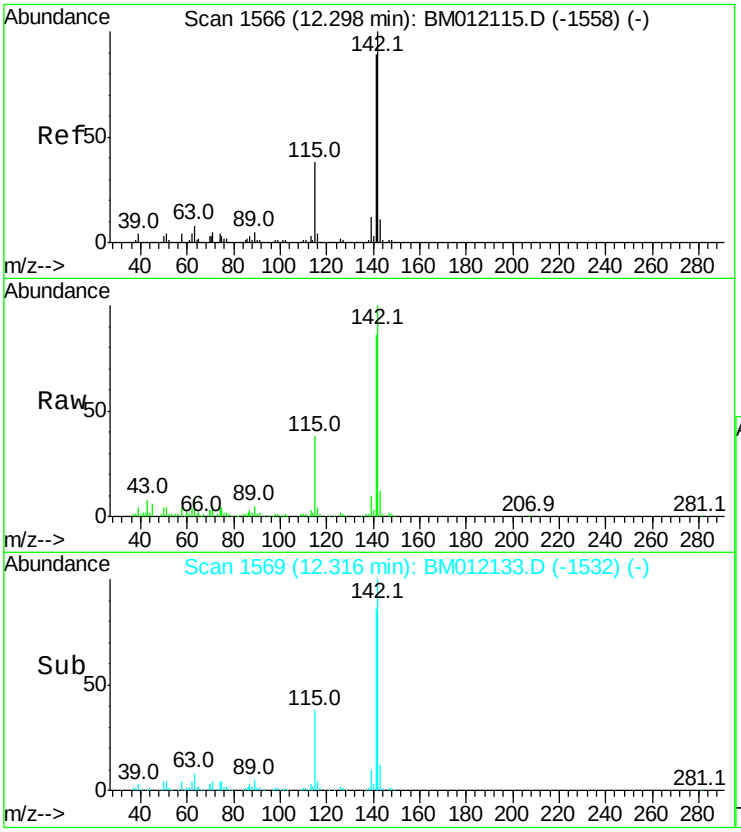


#30
4-Chloroaniline
Concen: 8.683 ng/ul
RT: 10.70 min Scan# 1294
Delta R.T. -0.10 min
Lab File: BM012133.D
Acq: 13 Oct 2017 12:42

Tgt Ion:127 Resp: 100475

Ion	Ratio	Lower	Upper
127	100		
129	84.6	28.4	42.6#



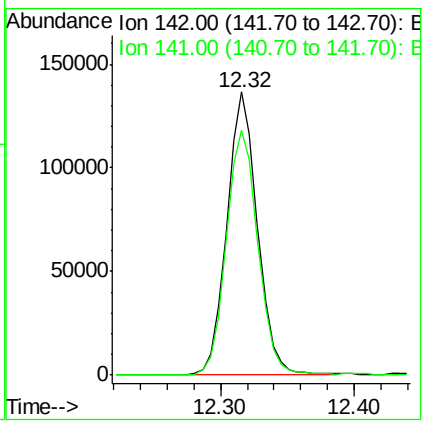


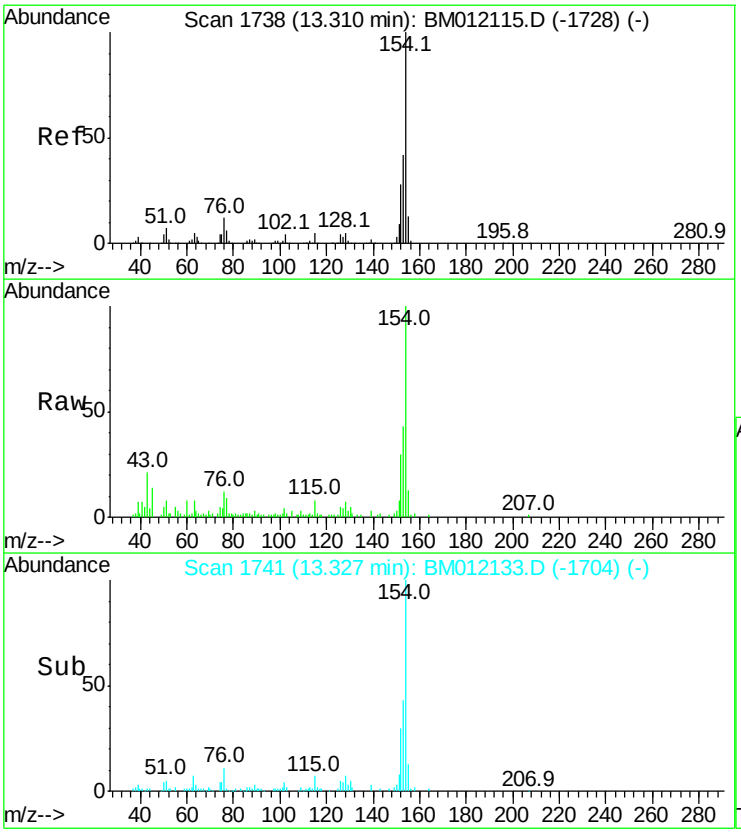
#34
2-Methylnaphthalene
Concen: 7.572 ng/ul
RT: 12.32 min Scan# 1569
Delta R.T. 0.02 min
Lab File: BM012133.D
Acq: 13 Oct 2017 12:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 218320

Ion	Ratio	Lower	Upper
142	100		
141	86.4	74.1	111.1

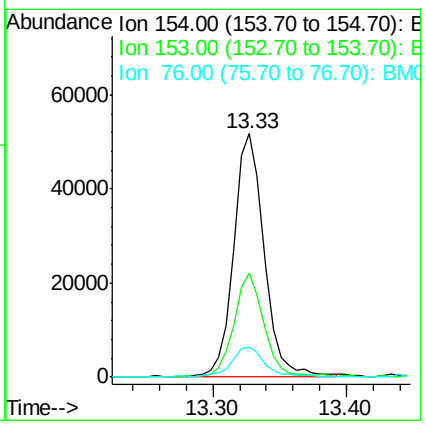


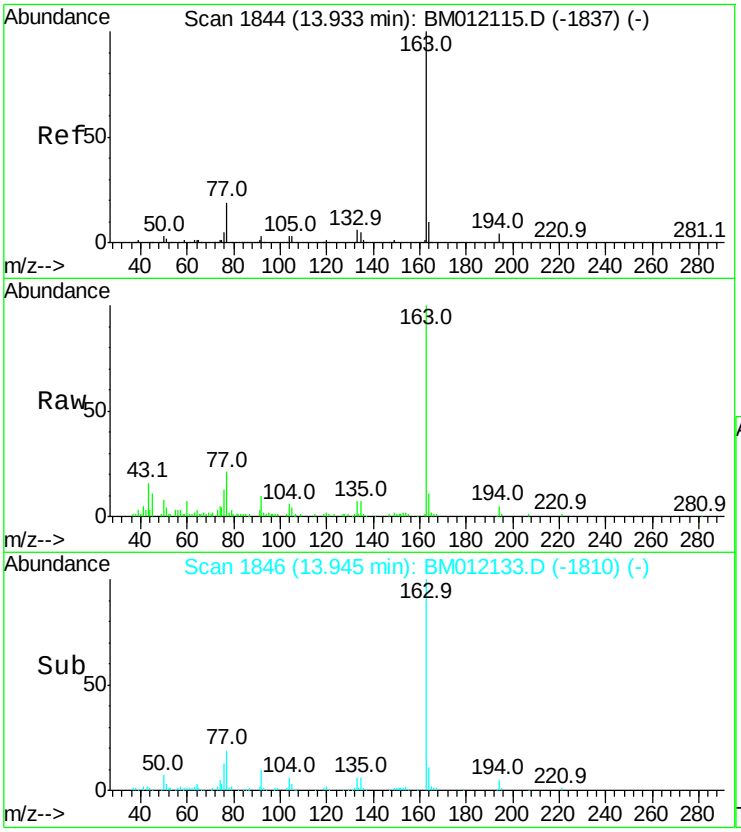


#40
1,1'-Biphenyl
Concen: 2.163 ng/ul
RT: 13.33 min Scan# 1741
Delta R.T. 0.02 min
Lab File: BM012133.D
Acq: 13 Oct 2017 12:42

Tgt Ion:154 Resp: 82186

Ion	Ratio	Lower	Upper
154	100		
153	42.9	32.6	48.8
76	12.2	8.5	12.7



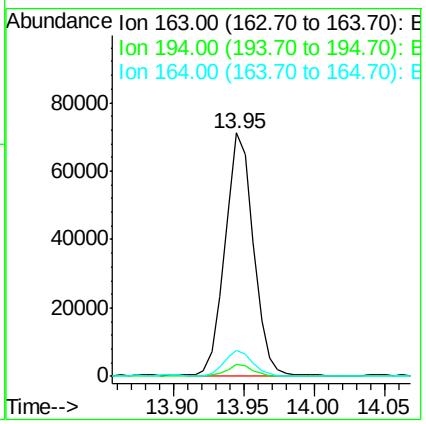


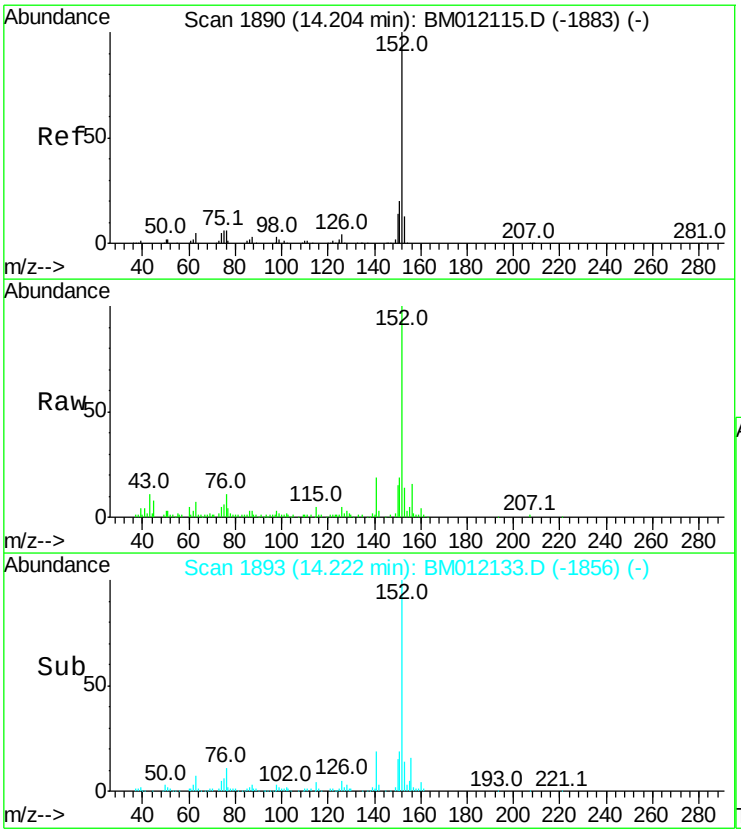
#44
Dimethylphthalate
Concen: 2.518 ng/ul
RT: 13.95 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BM012133.D
Acq: 13 Oct 2017 12:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 100388

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.8	8.2	12.4

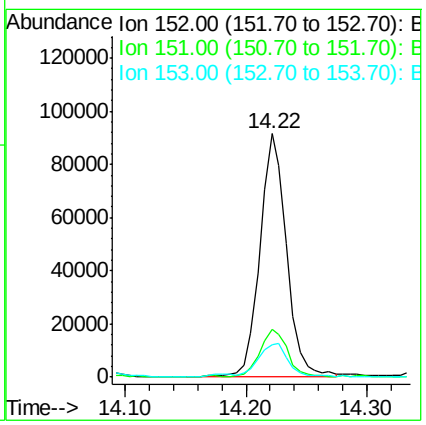


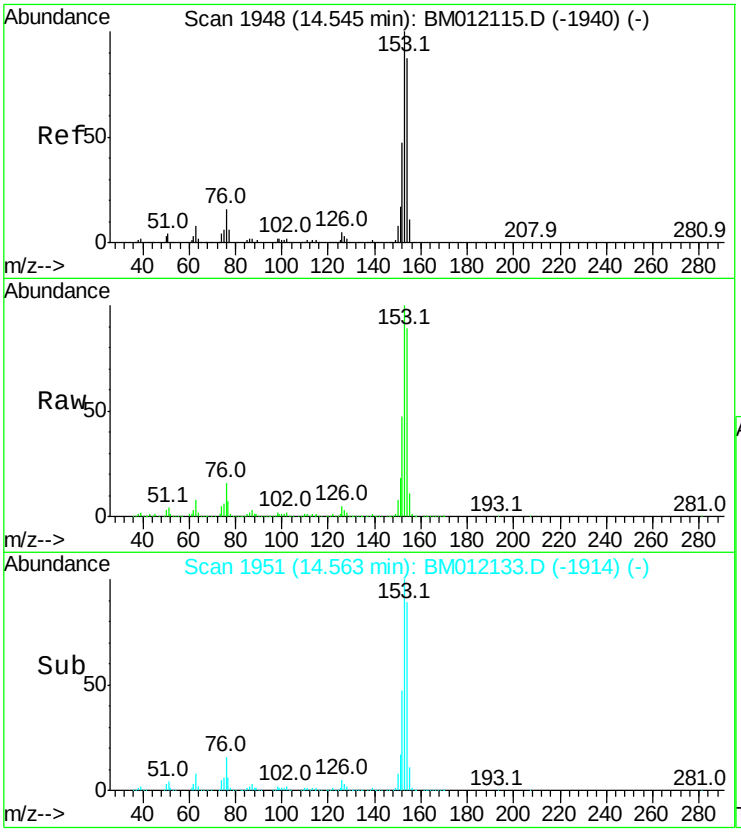


#47
Acenaphthylene
Concen: 2.991 ng/ul
RT: 14.22 min Scan# 1893
Delta R.T. 0.02 min
Lab File: BM012133.D
Acq: 13 Oct 2017 12:42

Tgt Ion:152 Resp: 141510

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.3	24.5
153	13.5	10.2	15.4



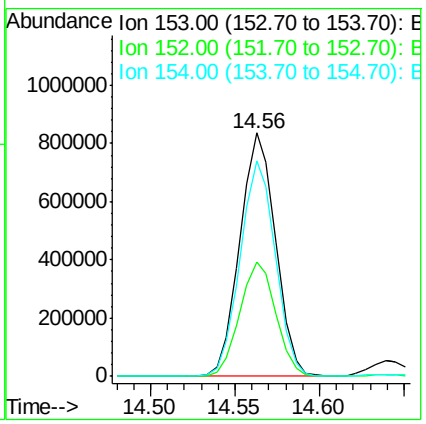


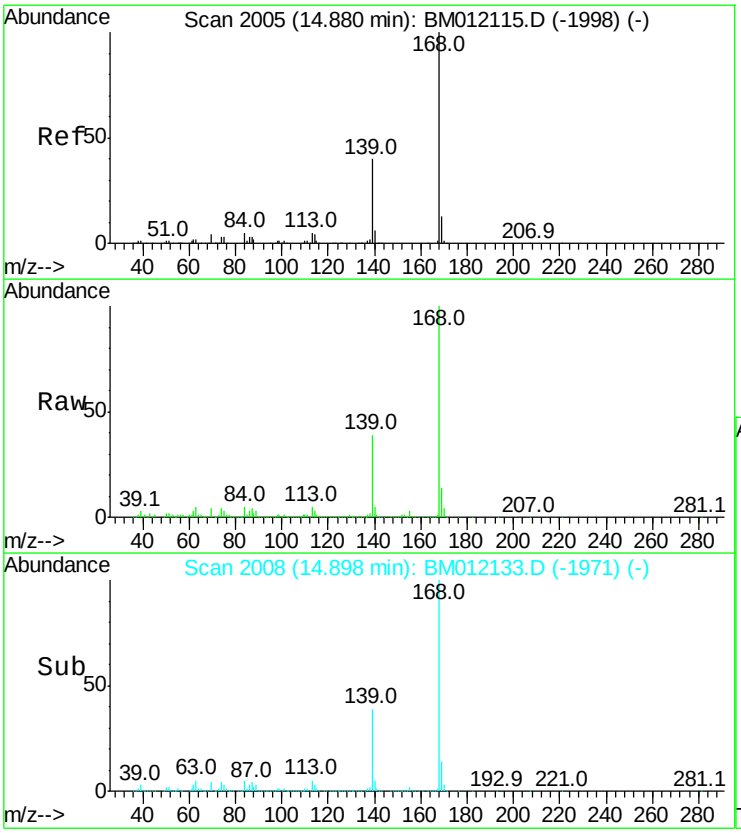
#49
Acenaphthene
Concen: 38.690 ng/ul
RT: 14.56 min Scan# 1951
Delta R.T. 0.02 min
Lab File: BM012133.D
Acq: 13 Oct 2017 12:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 1232836

Ion	Ratio	Lower	Upper
153	100		
152	47.2	37.6	56.4
154	88.7	70.4	105.6

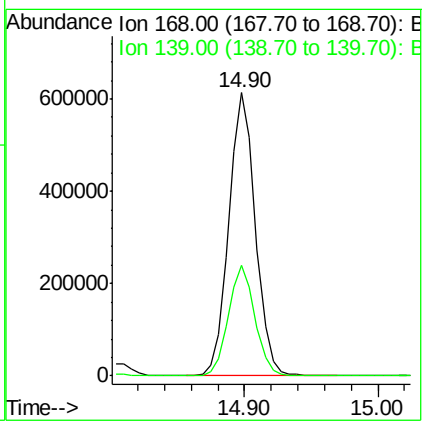


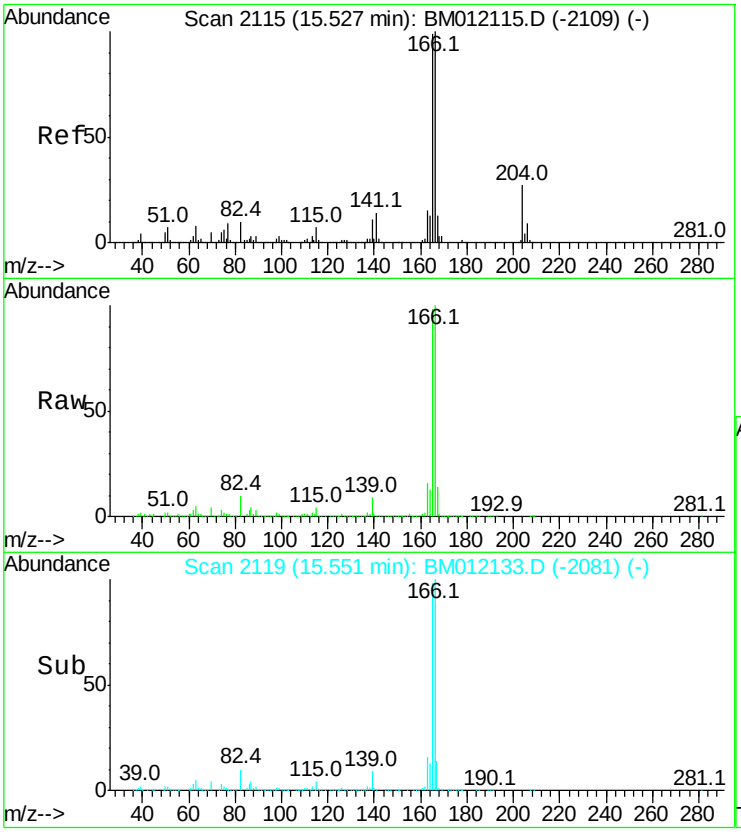


#53
Dibenzofuran
Concen: 18.587 ng/ul
RT: 14.90 min Scan# 2008
Delta R.T. 0.02 min
Lab File: BM012133.D
Acq: 13 Oct 2017 12:42

Tgt Ion:168 Resp: 852829

Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.8	46.2



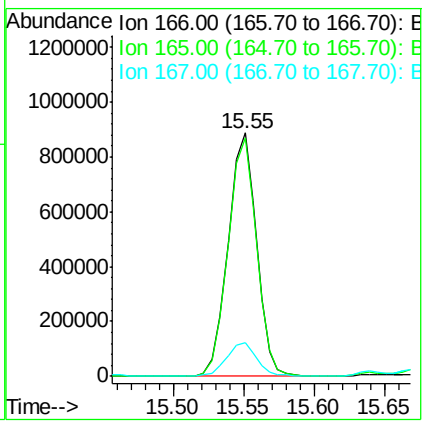


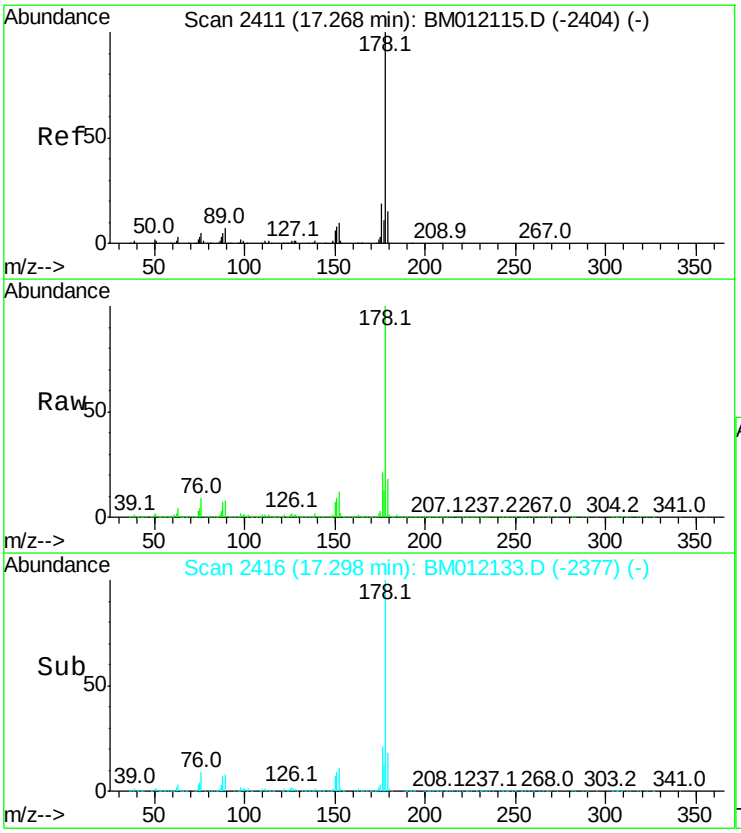
#58
Fluorene
Concen: 32.473 ng/ul
RT: 15.55 min Scan# 2119
Delta R.T. 0.02 min
Lab File: BM012133.D
Acq: 13 Oct 2017 12:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 1237385

Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.9	116.9
167	14.0	10.6	16.0

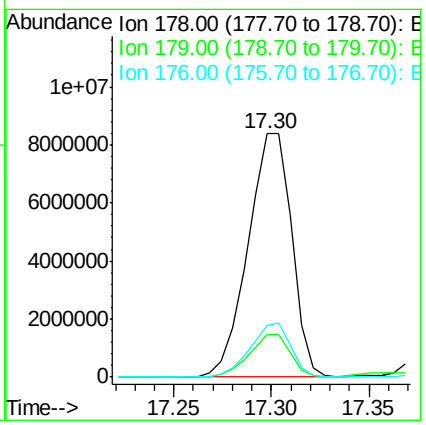


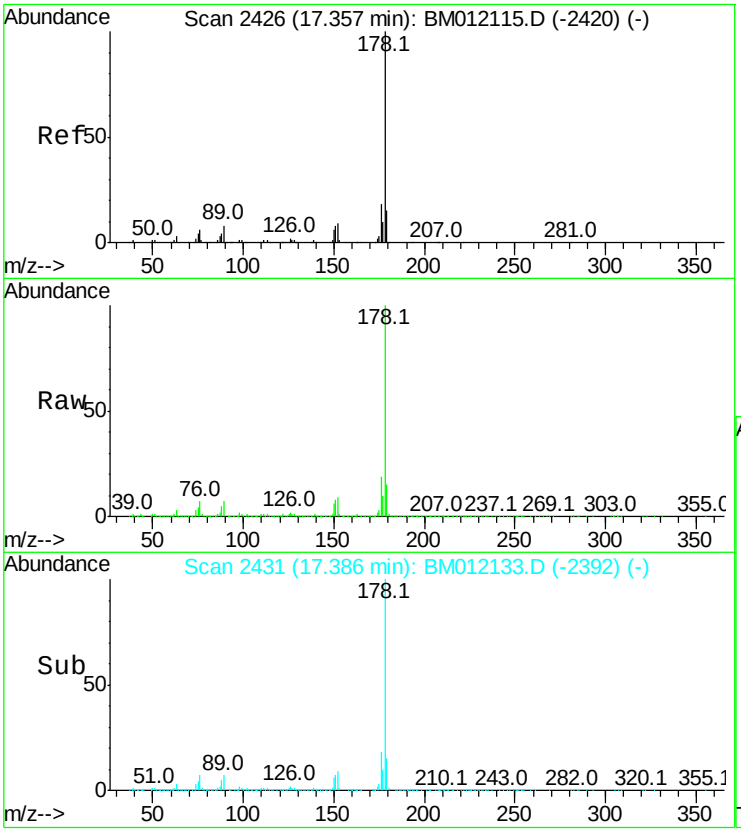


#69
Phenanthrene
Concen: 208.016 ng/ul
RT: 17.30 min Scan# 2416
Delta R.T. 0.03 min
Lab File: BM012133.D
Acq: 13 Oct 2017 12:42

Tgt Ion:178 Resp:13008686

Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.6	19.0
176	21.4	14.9	22.3



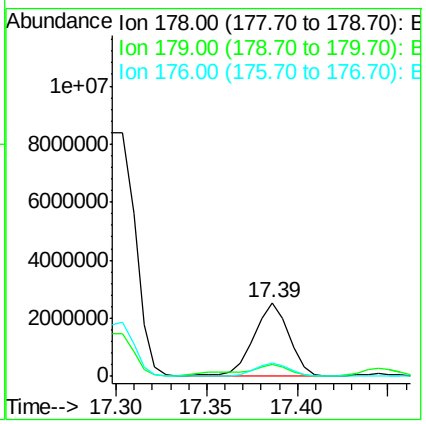


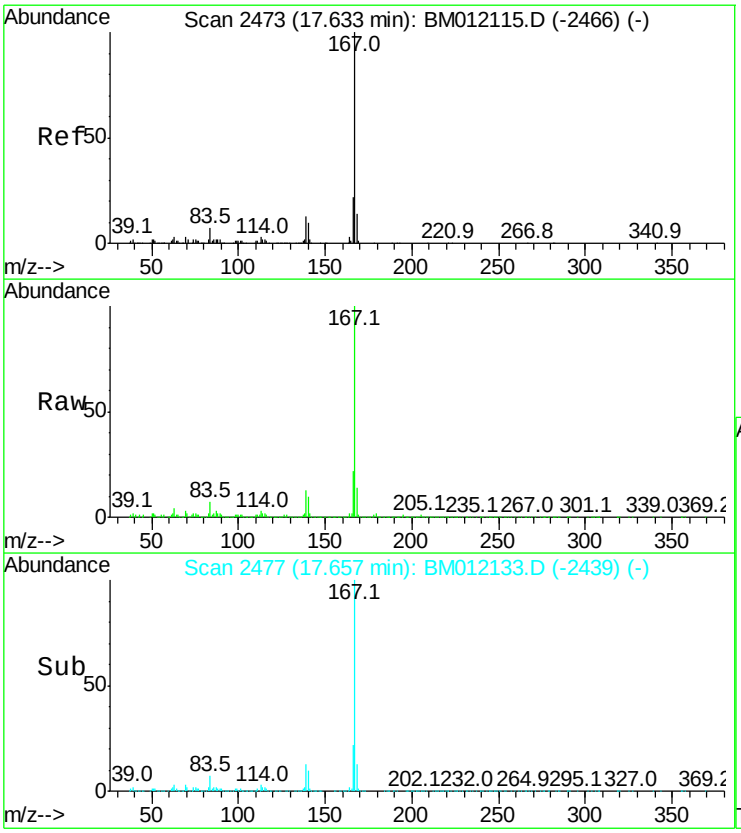
#71
Anthracene
Concen: 53.066 ng/ul
RT: 17.39 min Scan# 2431
Delta R.T. 0.03 min
Lab File: BM012133.D
Acq: 13 Oct 2017 12:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 3435612

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.7	17.5
176	18.5	14.6	21.8

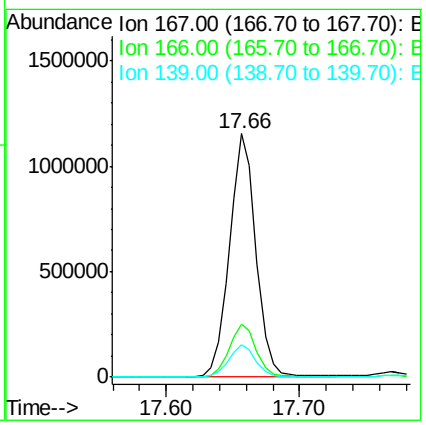


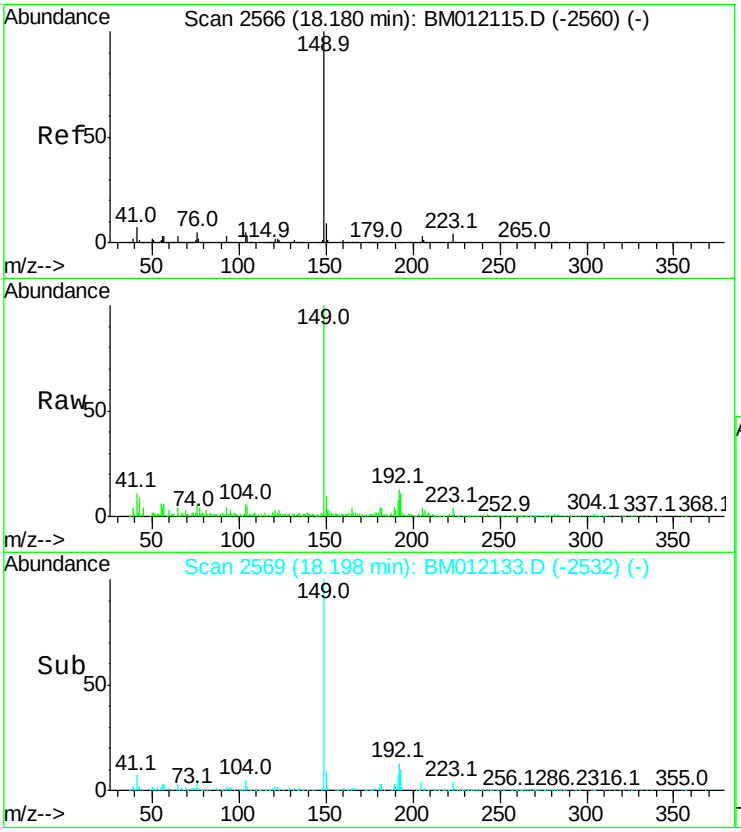


#72
Carbazole
Concen: 29.086 ng/ul
RT: 17.66 min Scan# 2477
Delta R.T. 0.02 min
Lab File: BM012133.D
Acq: 13 Oct 2017 12:42

Tgt Ion:167 Resp: 1593700

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.1	25.7
139	13.4	10.0	15.0



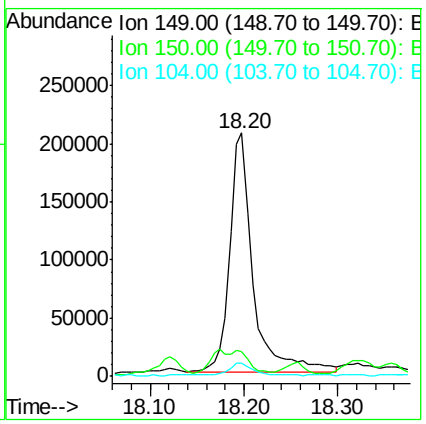


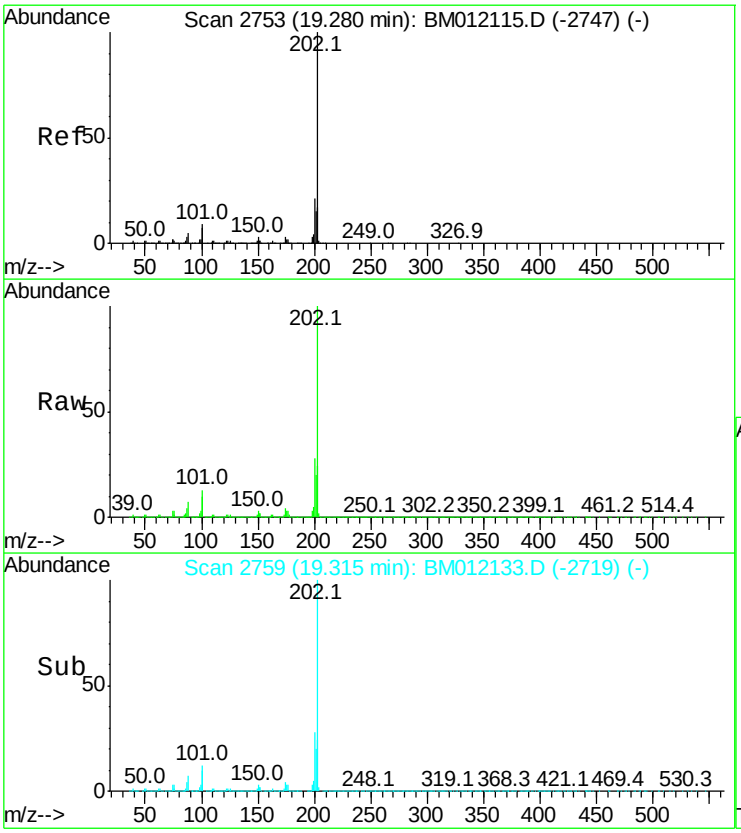
#73
Di-n-butylphthalate
Concen: 4.662 ng/ul
RT: 18.20 min Scan# 2569
Delta R.T. 0.02 min
Lab File: BM012133.D
Acq: 13 Oct 2017 12:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 354678

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.1	10.7
104	5.7	5.6	8.4

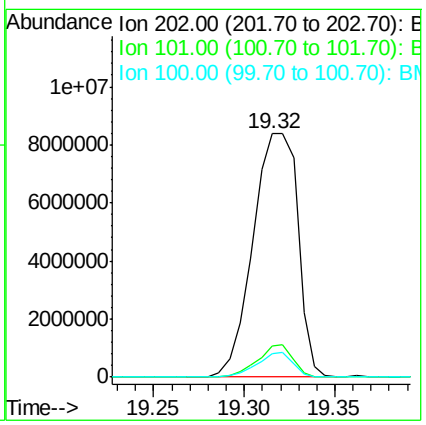


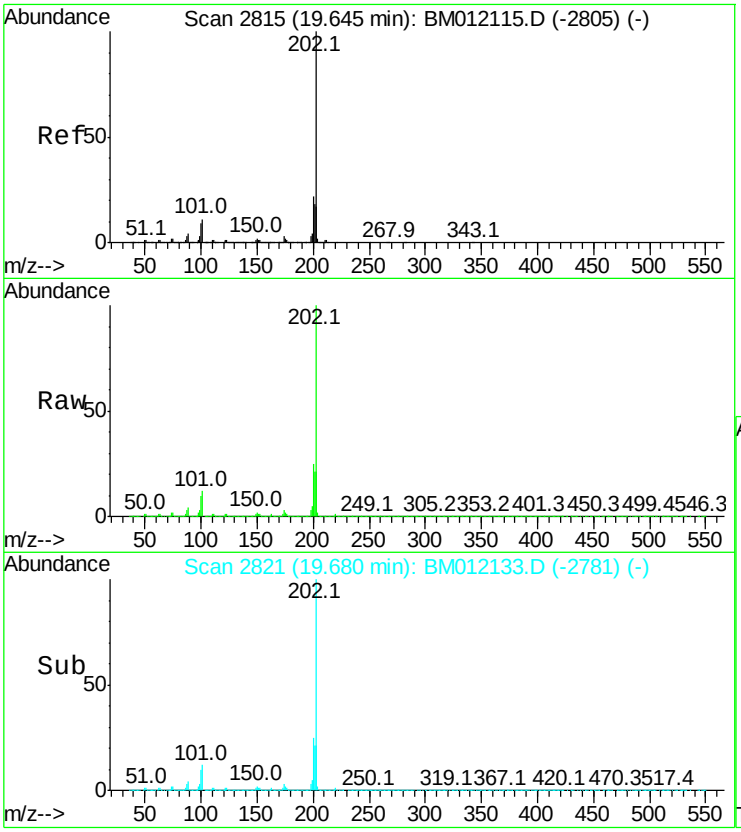


#74
Fluoranthene
Concen: 190.986 ng/ul
RT: 19.32 min Scan# 2759
Delta R.T. 0.04 min
Lab File: BM012133.D
Acq: 13 Oct 2017 12:42

Tgt Ion:202 Resp:14413699

Ion	Ratio	Lower	Upper
202	100		
101	12.5	4.6	7.0#
100	9.7	3.4	5.2#



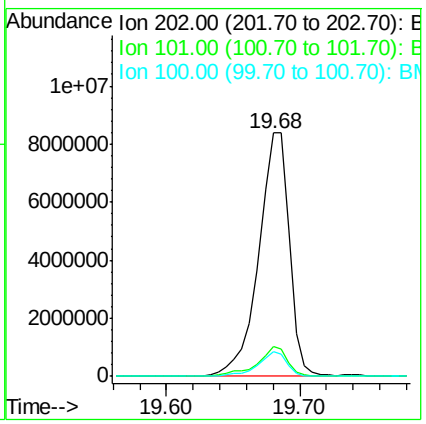


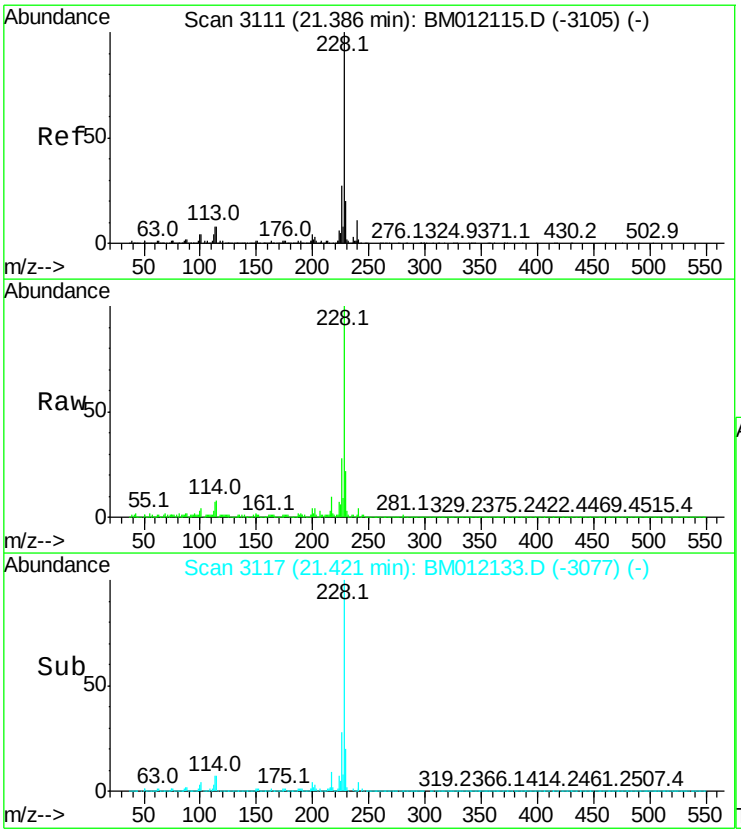
#77
Pyrene
Concen: 150.361 ng/ul
RT: 19.68 min Scan# 2821
Delta R.T. 0.04 min
Lab File: BM012133.D
Acq: 13 Oct 2017 12:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp:13340218

Ion	Ratio	Lower	Upper
202	100		
101	12.4	5.1	7.7#
100	10.2	4.9	7.3#

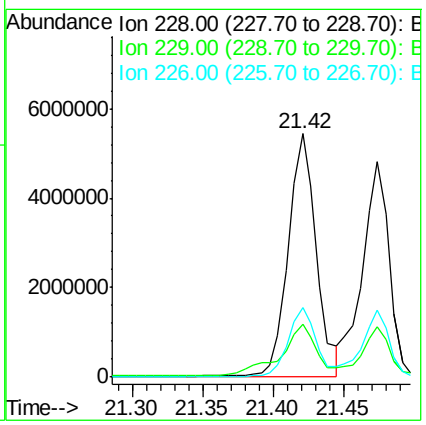


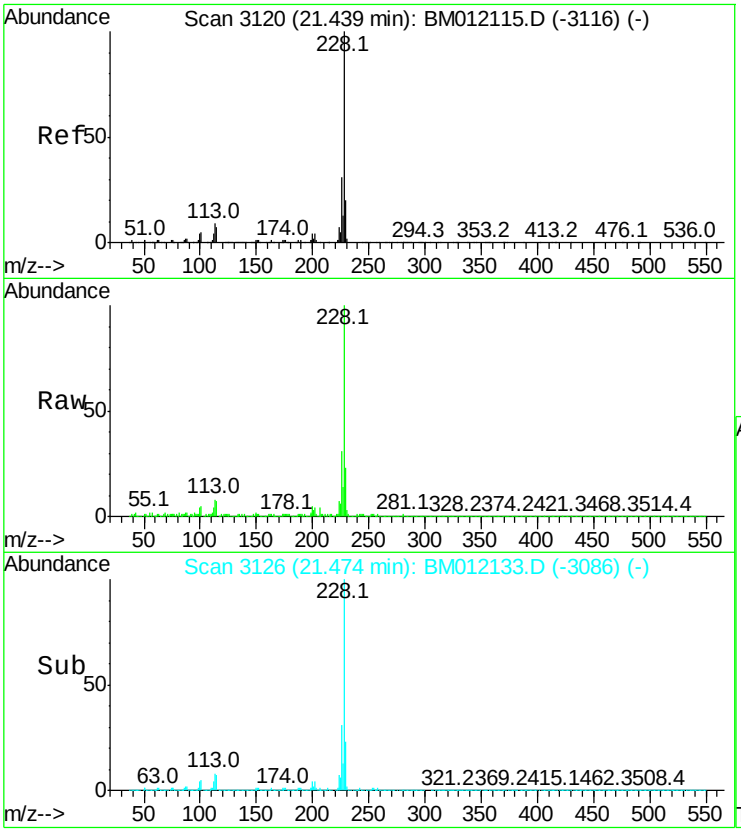


#80
Benzo(a)anthracene
Concen: 85.418 ng/ul
RT: 21.42 min Scan# 3117
Delta R.T. 0.04 min
Lab File: BM012133.D
Acq: 13 Oct 2017 12:42

Tgt Ion:228 Resp: 7466832

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.4	23.0
226	28.5	21.4	32.0



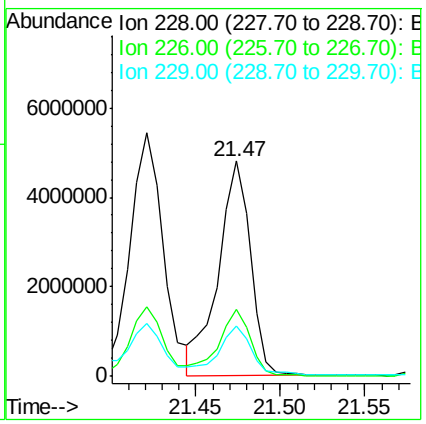


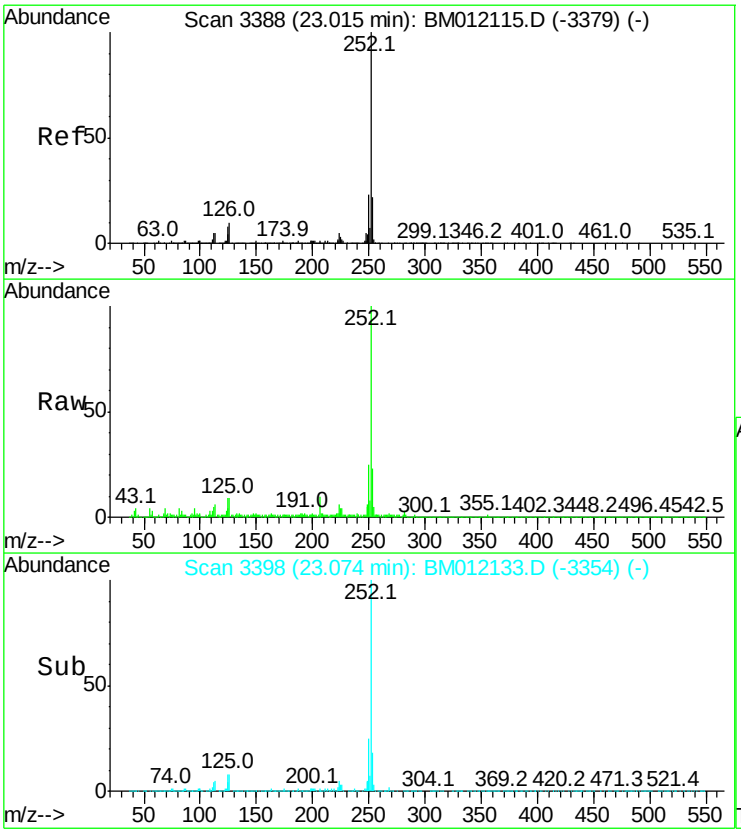
#82
Chrysene
Concen: 76.964 ng/ul
RT: 21.47 min Scan# 3126
Delta R.T. 0.04 min
Lab File: BM012133.D
Acq: 13 Oct 2017 12:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 6316464

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.4	35.2
229	23.2	15.5	23.3

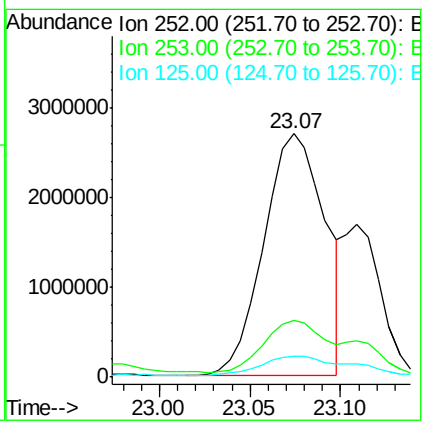


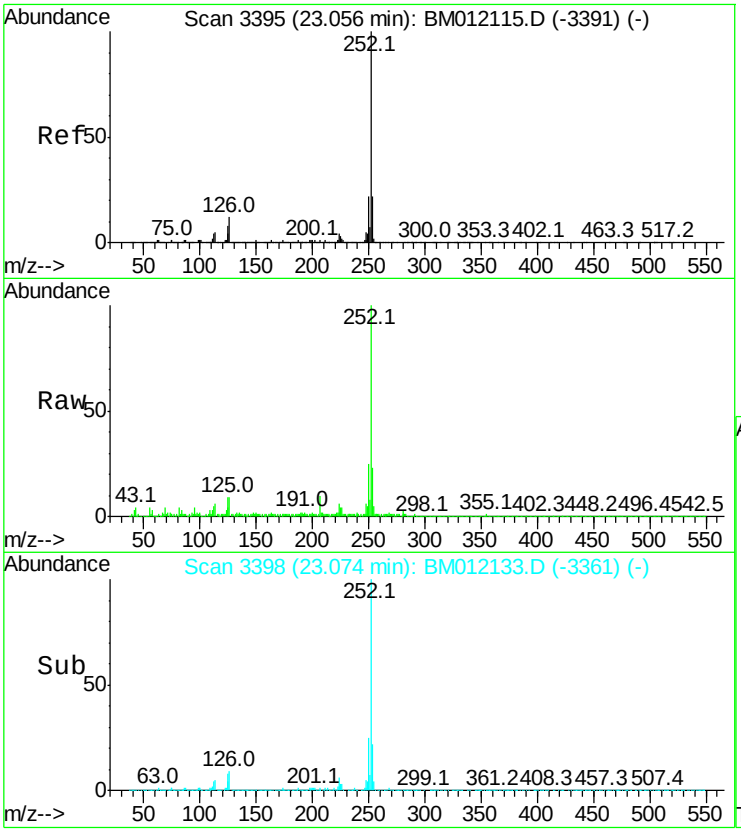


#85
Benzo(b)fluoranthene
Concen: 85.727 ng/ul
RT: 23.07 min Scan# 3398
Delta R.T. 0.06 min
Lab File: BM012133.D
Acq: 13 Oct 2017 12:42

Tgt Ion:252 Resp: 6322489

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	8.8	3.6	5.4#



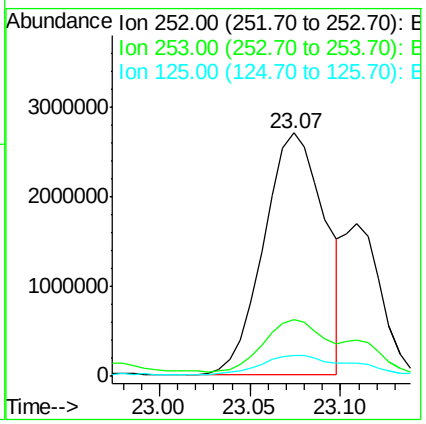


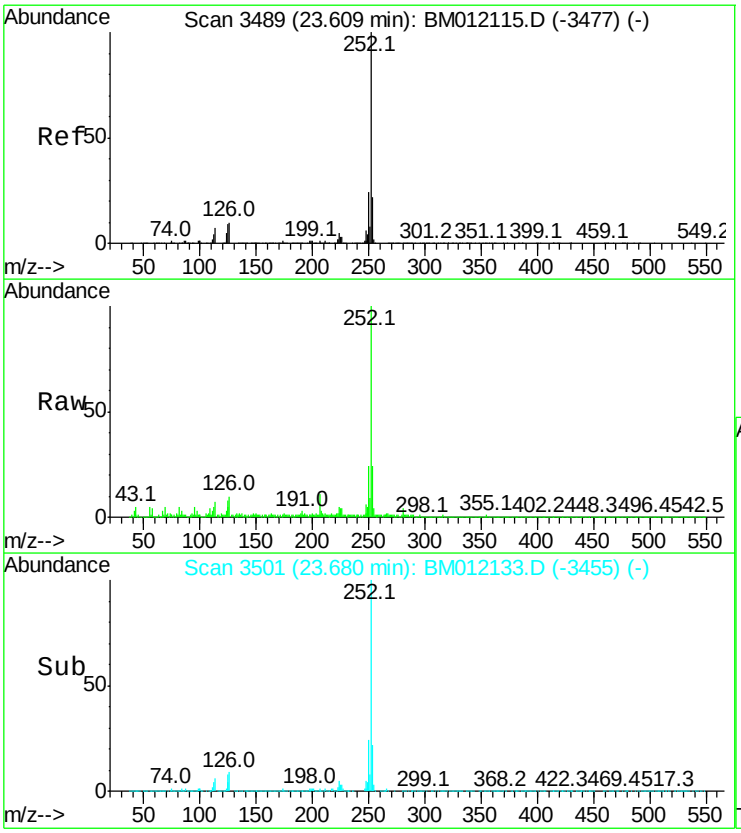
#86
Benzo(k)fluoranthene
Concen: 88.957 ng/ul
RT: 23.07 min Scan# 3398
Delta R.T. 0.02 min
Lab File: BM012133.D
Acq: 13 Oct 2017 12:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 6322489

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	8.8	3.4	5.2#

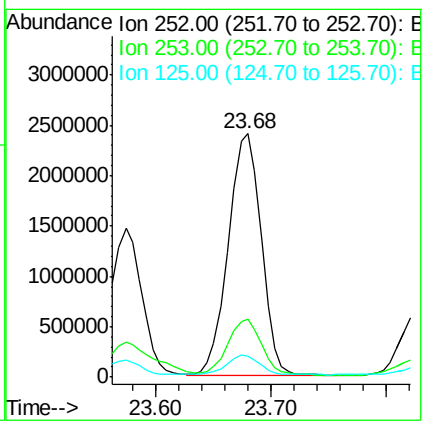


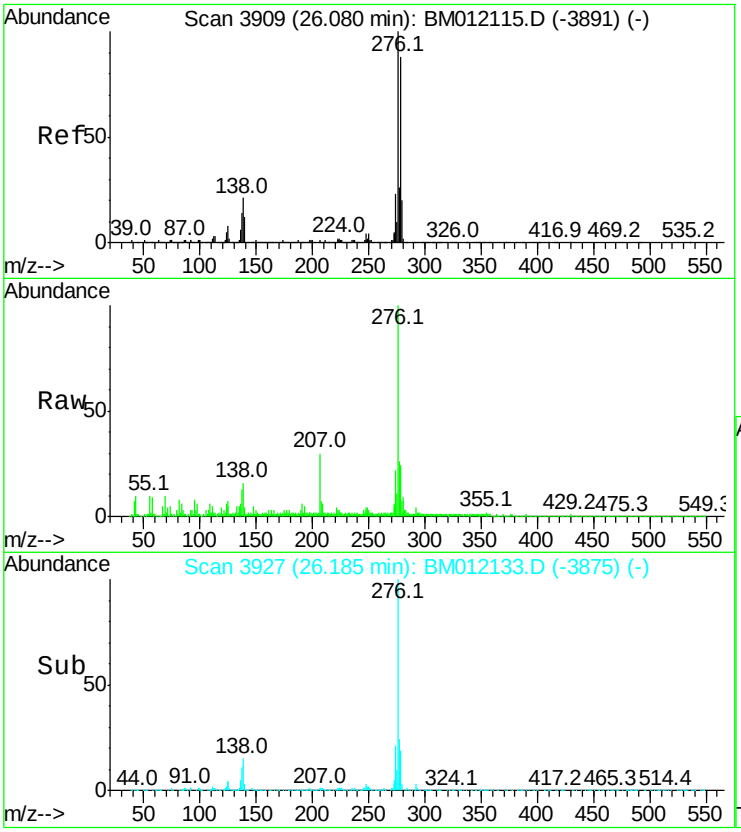


#88
Benzo(a)pyrene
Concen: 68.033 ng/ul
RT: 23.68 min Scan# 3501
Delta R.T. 0.07 min
Lab File: BM012133.D
Acq: 13 Oct 2017 12:42

Tgt Ion:252 Resp: 4729177

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	8.5	4.0	6.0#



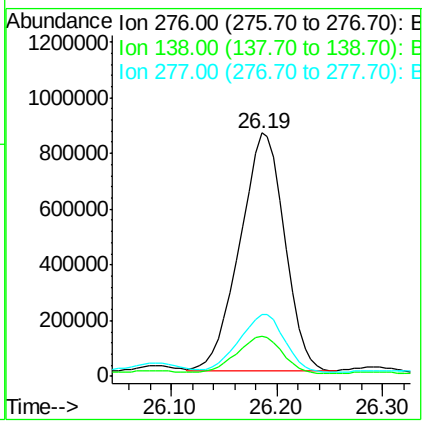


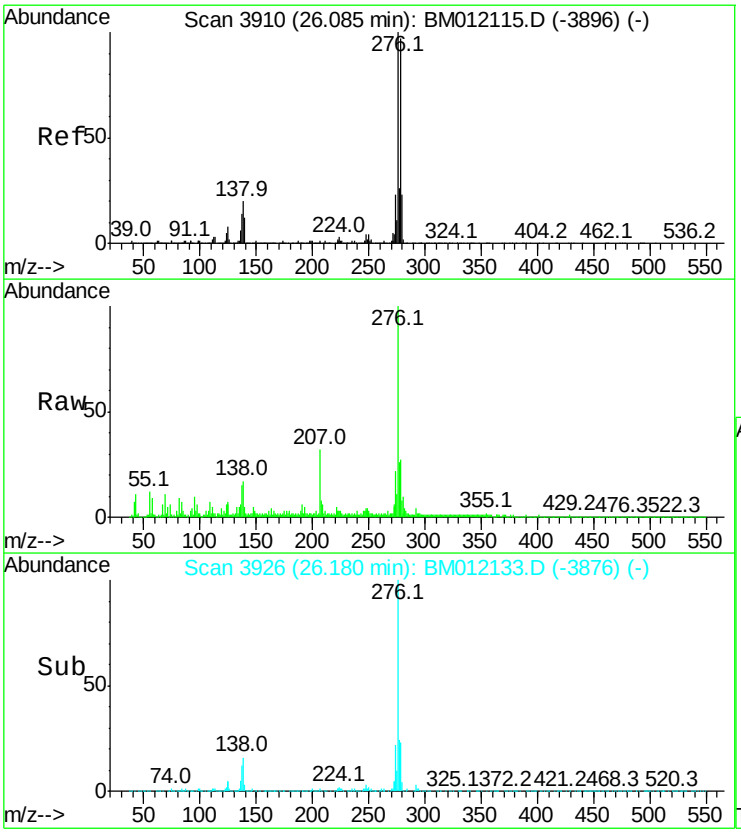
#89
Indeno(1,2,3-cd)pyrene
Concen: 34.008 ng/ul
RT: 26.19 min Scan# 3927
Delta R.T. 0.11 min
Lab File: BM012133.D
Acq: 13 Oct 2017 12:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 2510401

Ion	Ratio	Lower	Upper
276	100		
138	16.3	9.3	13.9#
277	25.6	19.9	29.9

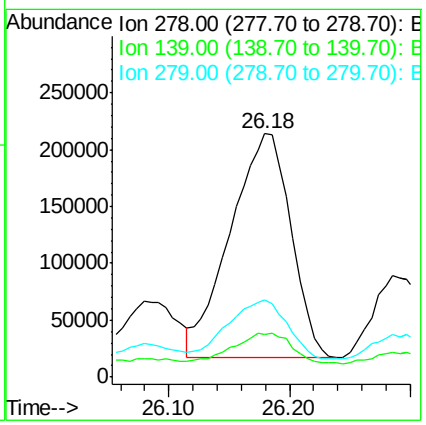


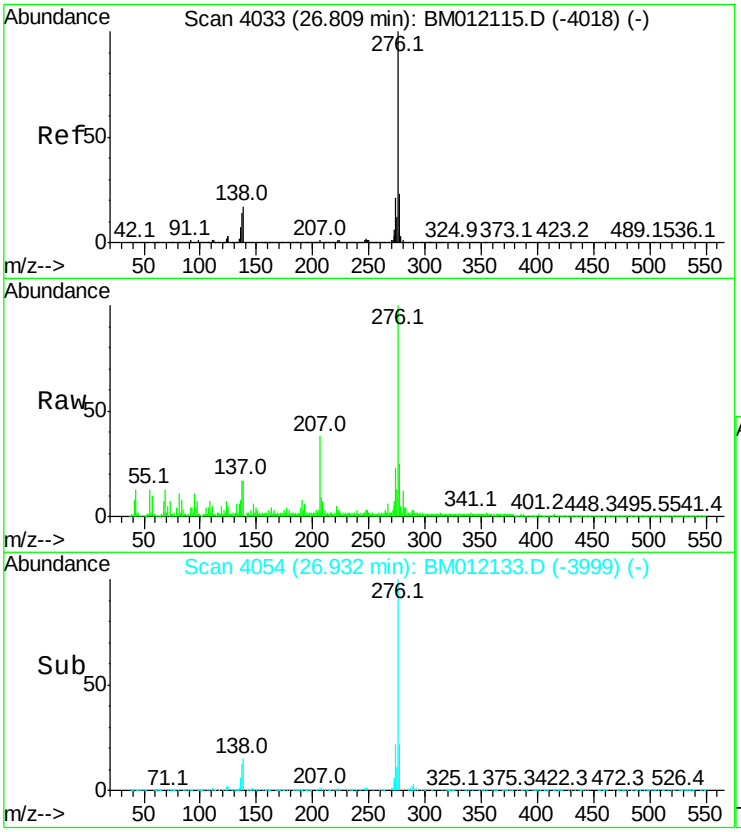


#90
Dibenzo(a,h)anthracene
Concen: 11.065 ng/ul
RT: 26.18 min Scan# 3926
Delta R.T. 0.09 min
Lab File: BM012133.D
Acq: 13 Oct 2017 12:42

Tgt Ion:278 Resp: 686634

Ion	Ratio	Lower	Upper
278	100		
139	17.5	5.8	8.8#
279	31.7	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 37.281 ng/ul
RT: 26.93 min Scan# 4054
Delta R.T. 0.12 min
Lab File: BM012133.D
Acq: 13 Oct 2017 12:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 2253983

Ion	Ratio	Lower	Upper
276	100		
138	16.5	8.5	12.7#
277	25.3	18.6	28.0