Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
Data File : BM012066.D
Acq On : 11 Oct 2017 05:40
Operator : SJ/JU
Sample : I5668-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 11 08:58:31 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 02:39:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	257023	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1127587	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	682219	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1629111	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	2009813	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1750608	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	25519	4.70	ng/uL	0.00
5) Phenol-d5	7.00	99	554906	25.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	365528	27.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	486774	27.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	495164	25.90	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	243056	30.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	208321	23.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	468539	25.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	150424	7.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1608590	27.21	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	2180073	31.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	29966	2.90	ng/ul	0.01
57) Fluorene-d10	15.48	176	1530209	29.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	31478	2.87	ng/ul	0.00
70) Anthracene-d10	17.33	188	2454002	30.57	ng/ul	0.00
76) Pyrene-d10	19.63	212	3076141	33.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	2714011	32.23	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.99	77	21877	1.985	ng/ul#	69
6) Phenol	7.03	94	33490	1.530	ng/ul	94
28) Naphthalene	10.70	128	133962	2.368	ng/ul	99
34) 2-Methylnaphthalene	12.31	142	69773	1.618	ng/ul	98
44) Dimethylphthalate	13.94	163	336502	5.916	ng/ul	99
47) Acenaphthylene	14.21	152	144694	2.148	ng/ul	99
49) Acenaphthene	14.55	153	91235	1.957	ng/ul	97
53) Dibenzofuran	14.89	168	110427	1.632	ng/ul	99
58) Fluorene	15.53	166	123180	2.180	ng/ul#	98
69) Phenanthrene	17.27	178	2723232	30.389	ng/ul	98
71) Anthracene	17.37	178	451303	4.950	ng/ul	99
72) Carbazole	17.64	167	184371	2.334	ng/ul#	95
73) Di-n-butylphthalate	18.19	149	103052	1.089	ng/ul	98
74) Fluoranthene	19.29	202	4191374	38.334	ng/ul#	91
77) Pyrene	19.66	202	4061780	36.448	ng/ul#	90
80) Benzo(a)anthracene	21.39	228	2273210	19.743	ng/ul	97
82) Chrysene	21.44	228	2310587	21.121	ng/ul	98
85) Benzo(b)fluoranthene	23.03	252	2586878	24.311	ng/ul#	97
86) Benzo(k)fluoranthene	23.03	252	2586878	24.351	ng/ul#	95
88) Benzo(a)pyrene	23.63	252	1597581	15.625	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.09	276	980508	8.961	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.09	278	269962	3.003	ng/ul#	85
91) Benzo(g,h,i)perylene	26.82	276	780350	8.622	ng/ul#	95

Quantitation Report (Not Reviewed)

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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 : Z:\HPCHEM1\BNA M\DATA\BM101017\
Data File : BM012066.D
Acq On : 11 Oct 2017 05:40
Operator : SJ/JU
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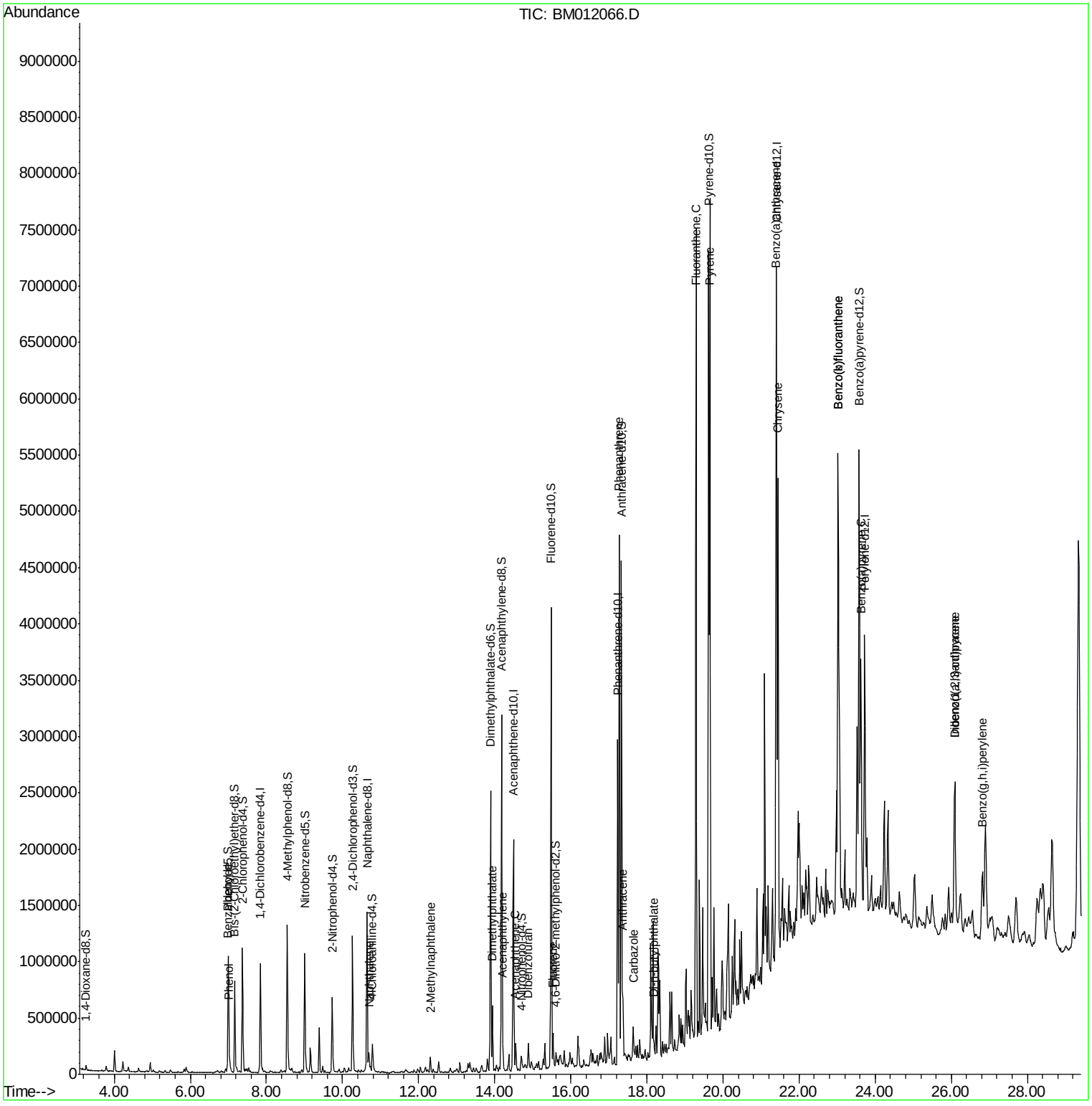
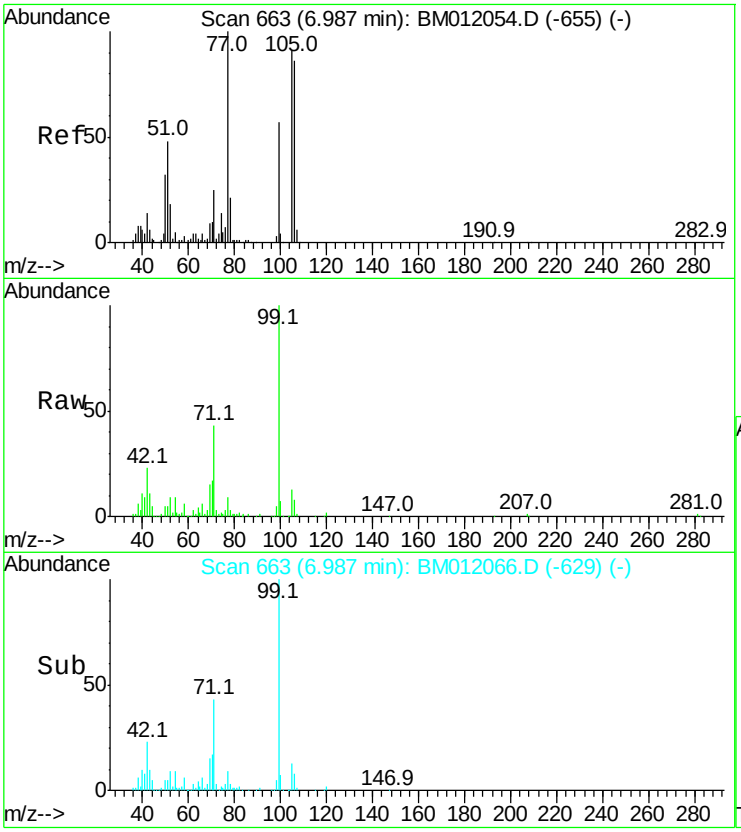
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 02:39:56 2017
Response via : Initial Calibration



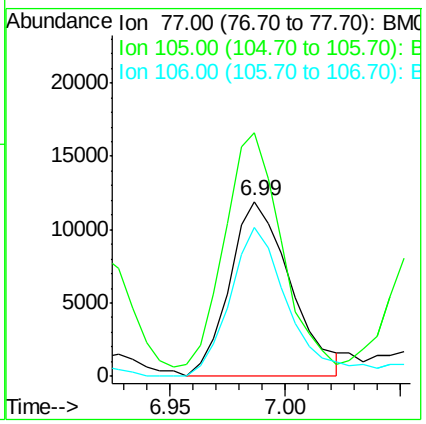


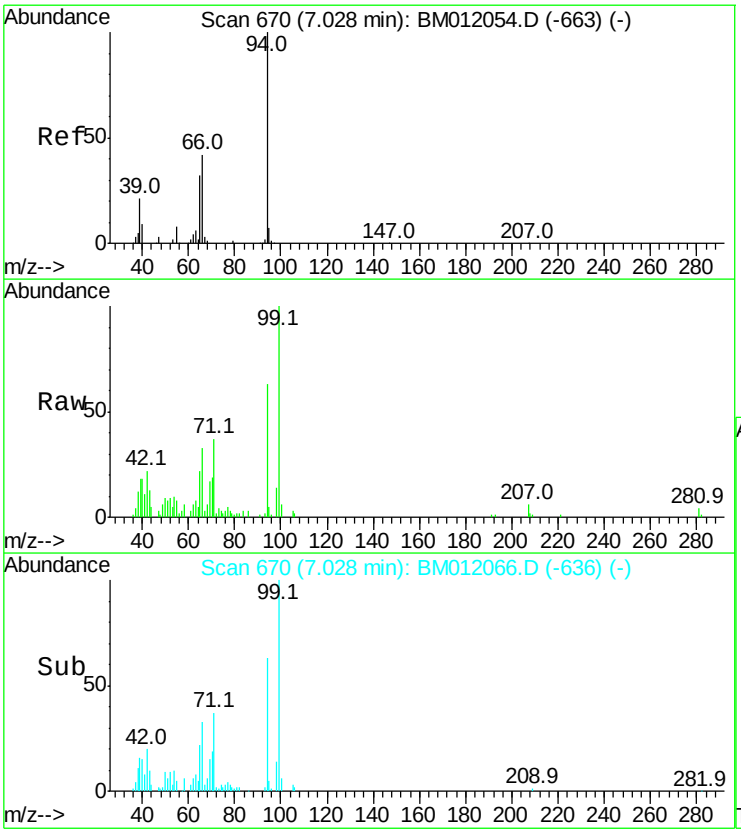
#4
Benzaldehyde
Concen: 1.985 ng/ul
RT: 6.99 min Scan# 663
Delta R.T. -0.00 min
Lab File: BM012066.D
Acq: 11 Oct 2017 05:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 21877

Ion	Ratio	Lower	Upper
77	100		
105	139.3	66.1	99.1#
106	85.0	67.8	101.6

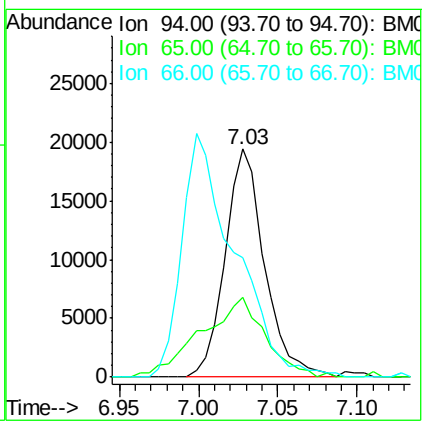


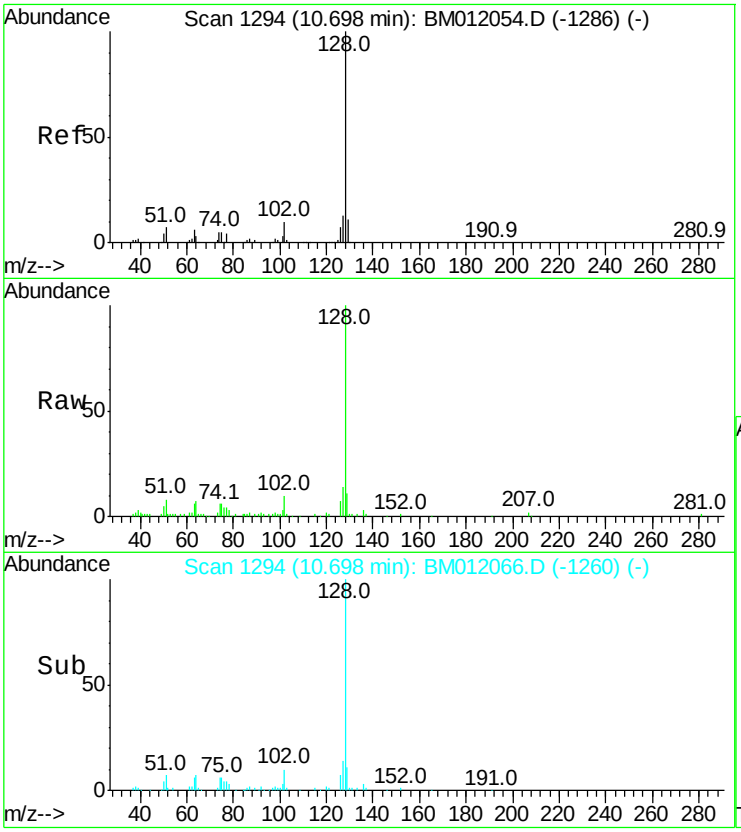


#6
Phenol
Concen: 1.530 ng/ul
RT: 7.03 min Scan# 670
Delta R.T. -0.00 min
Lab File: BM012066.D
Acq: 11 Oct 2017 05:40

Tgt Ion: 94 Resp: 33490

Ion	Ratio	Lower	Upper
94	100		
65	35.3	28.2	42.4
66	52.3	47.2	70.8



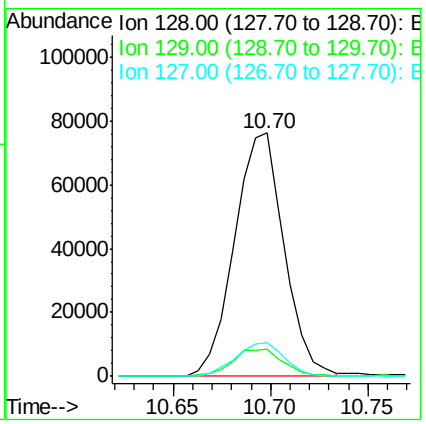


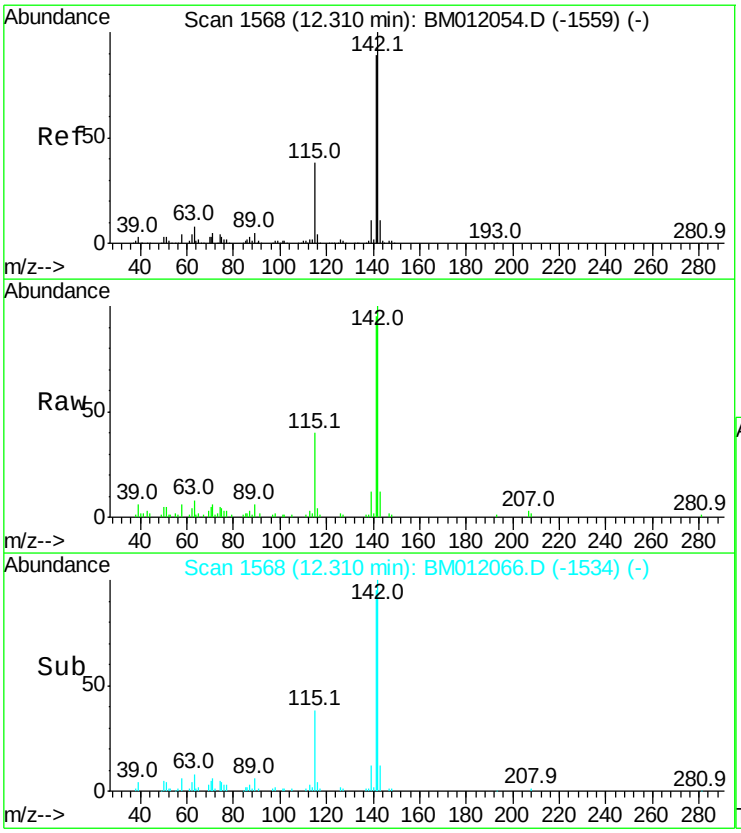
#28
Naphthalene
Concen: 2.368 ng/ul
RT: 10.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BM012066.D
Acq: 11 Oct 2017 05:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 133962

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	14.0	10.6	16.0

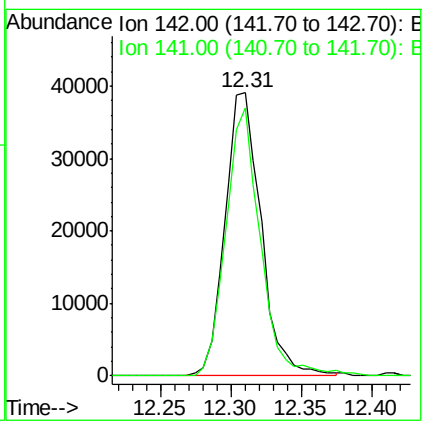


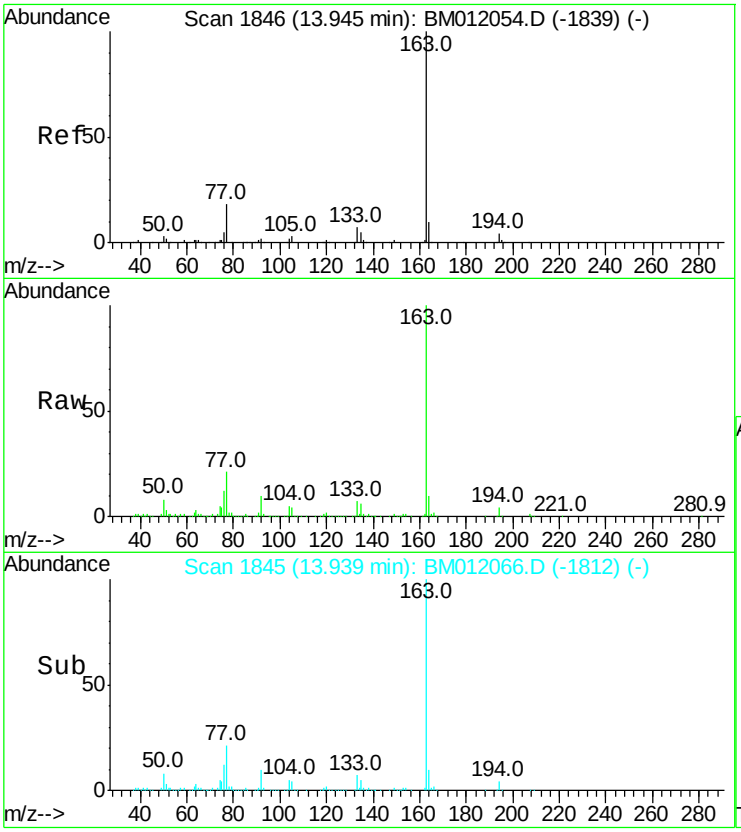


#34
2-Methylnaphthalene
Concen: 1.618 ng/ul
RT: 12.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BM012066.D
Acq: 11 Oct 2017 05:40

Tgt Ion:142 Resp: 69773

Ion	Ratio	Lower	Upper
142	100		
141	94.7	74.1	111.1



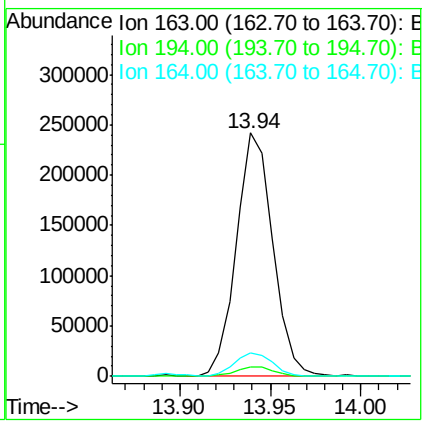


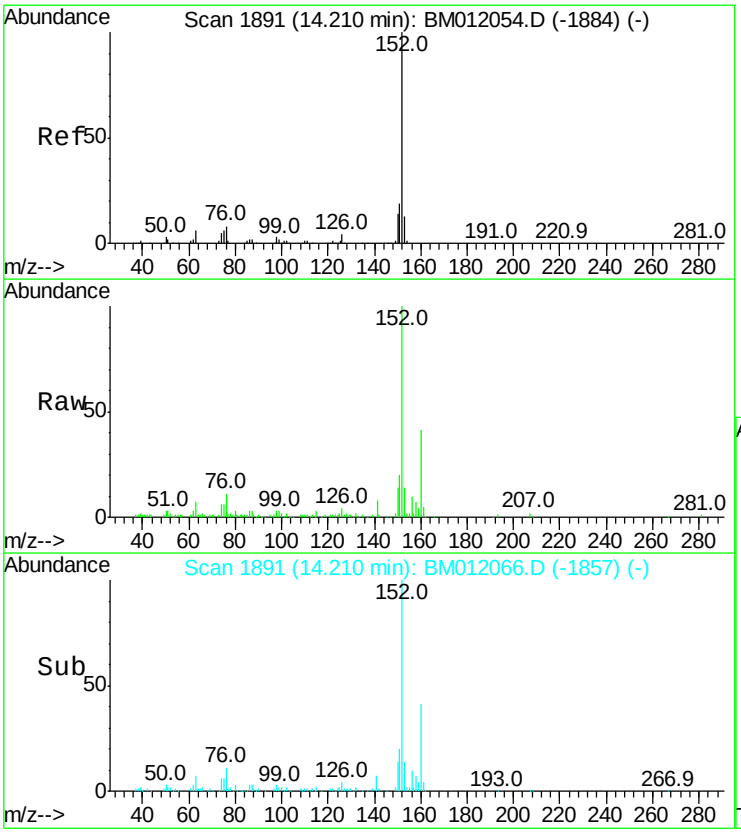
#44
Dimethylphthalate
Concen: 5.916 ng/ul
RT: 13.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM012066.D
Acq: 11 Oct 2017 05:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 336502

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	9.9	8.2	12.4

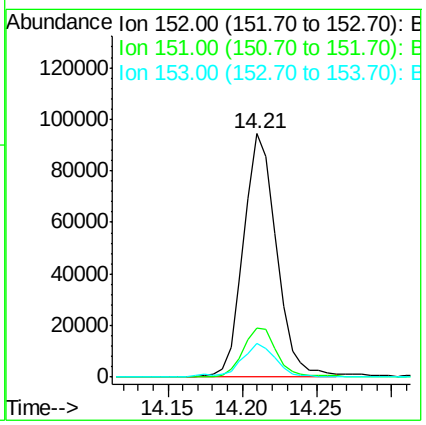


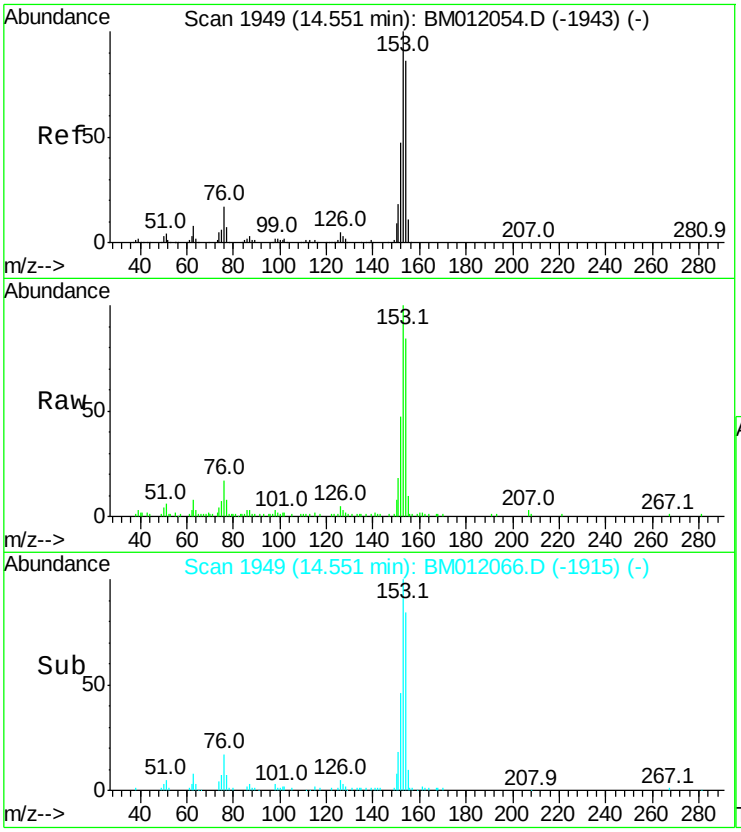


#47
Acenaphthylene
Concen: 2.148 ng/ul
RT: 14.21 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BM012066.D
Acq: 11 Oct 2017 05:40

Tgt Ion:152 Resp: 144694

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.8	10.2	15.4



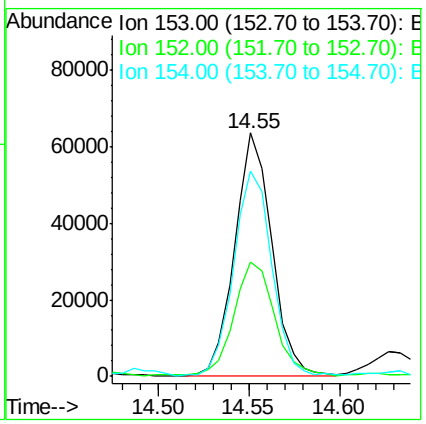


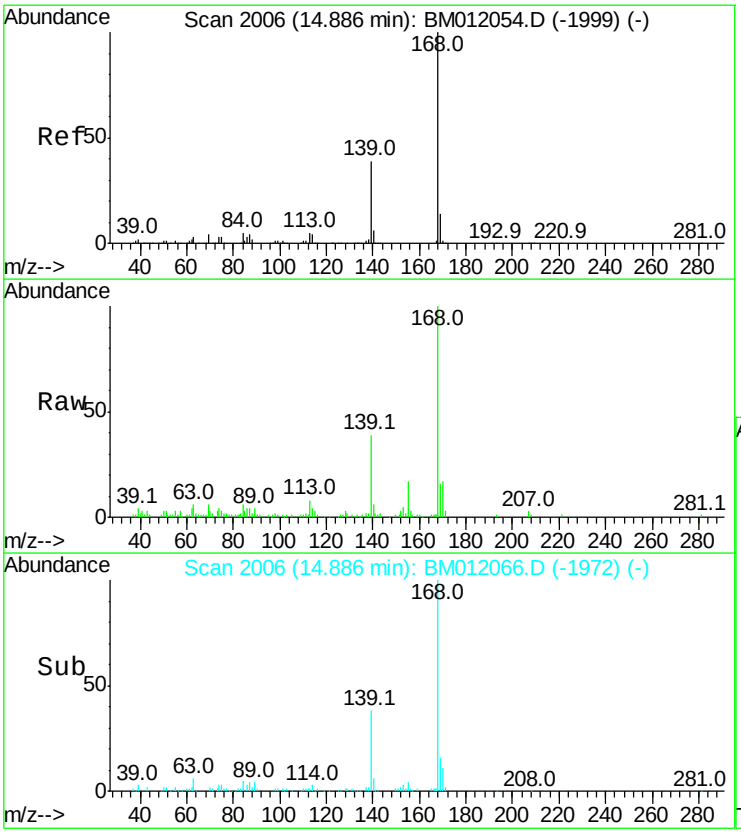
#49
Acenaphthene
Concen: 1.957 ng/ul
RT: 14.55 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BM012066.D
Acq: 11 Oct 2017 05:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 91235

Ion	Ratio	Lower	Upper
153	100		
152	46.7	37.6	56.4
154	84.0	70.4	105.6

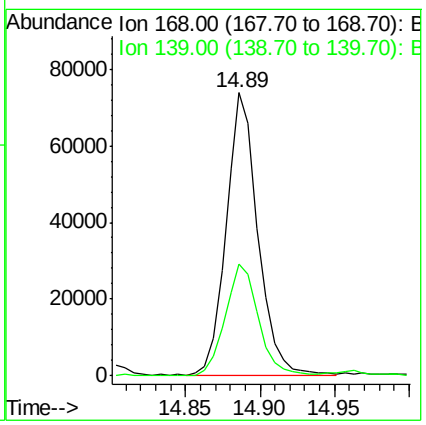


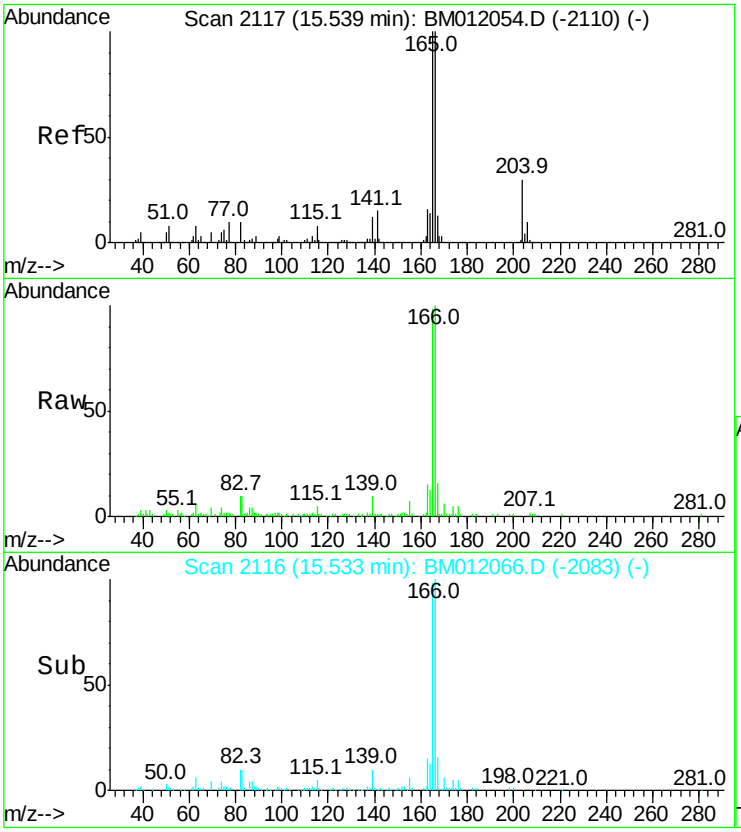


#53
Dibenzofuran
Concen: 1.632 ng/ul
RT: 14.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BM012066.D
Acq: 11 Oct 2017 05:40

Tgt Ion:168 Resp: 110427

Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.8	46.2



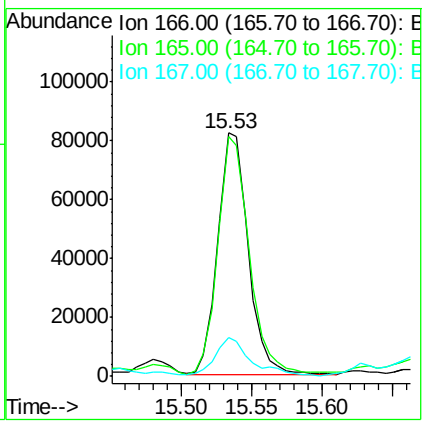


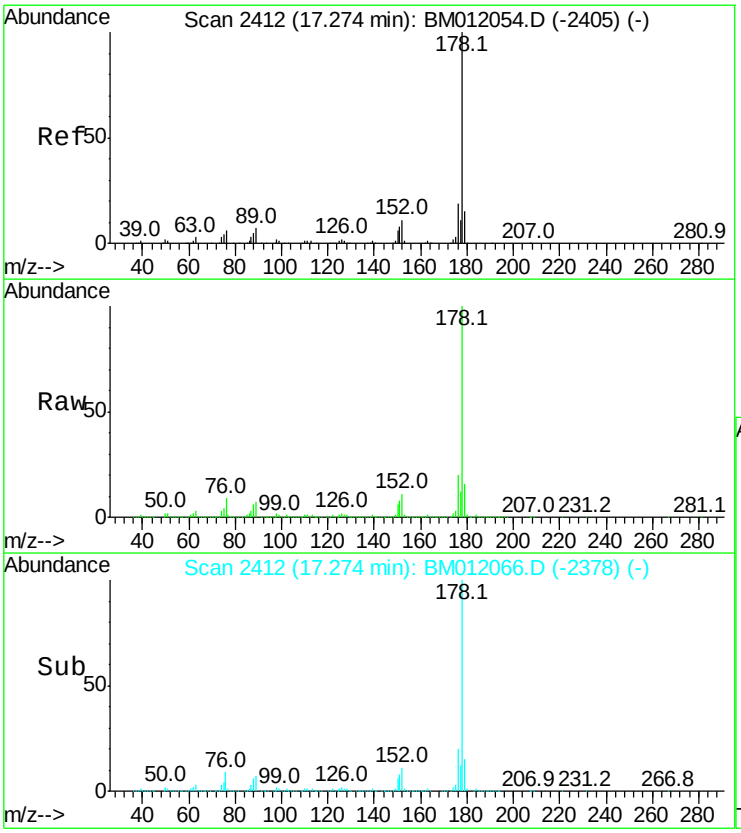
#58
Fluorene
Concen: 2.180 ng/ul
RT: 15.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM012066.D
Acq: 11 Oct 2017 05:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 123180

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.9	116.9
167	16.1	10.6	16.0#

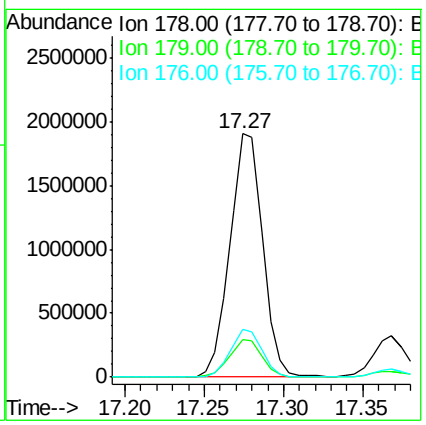


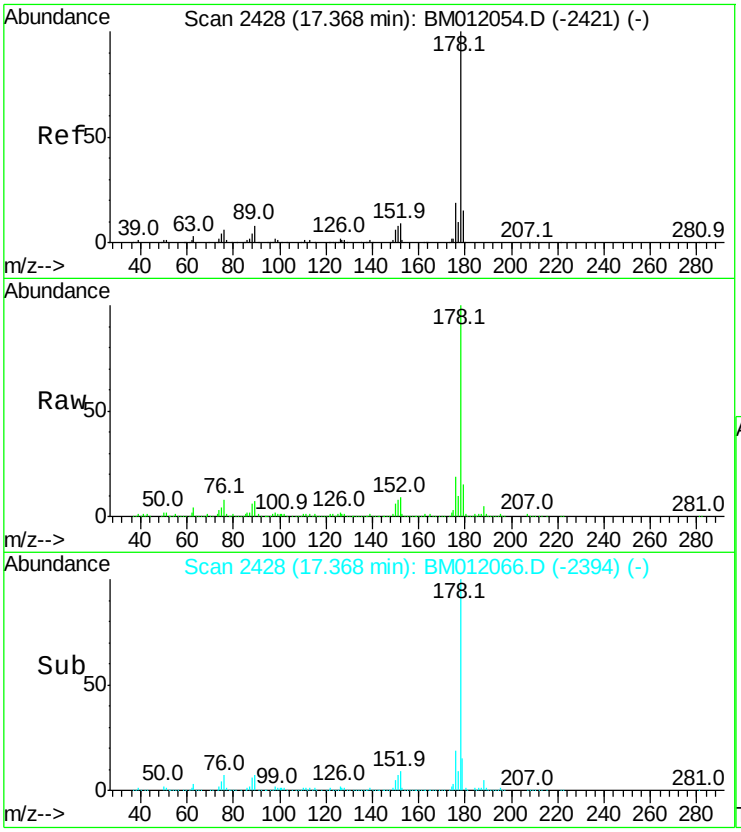


#69
Phenanthrene
Concen: 30.389 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BM012066.D
Acq: 11 Oct 2017 05:40

Tgt Ion:178 Resp: 2723232

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.7	14.9	22.3



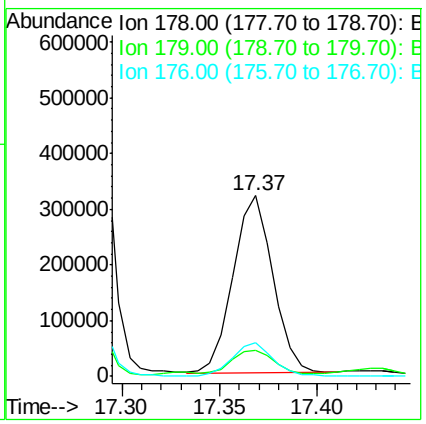


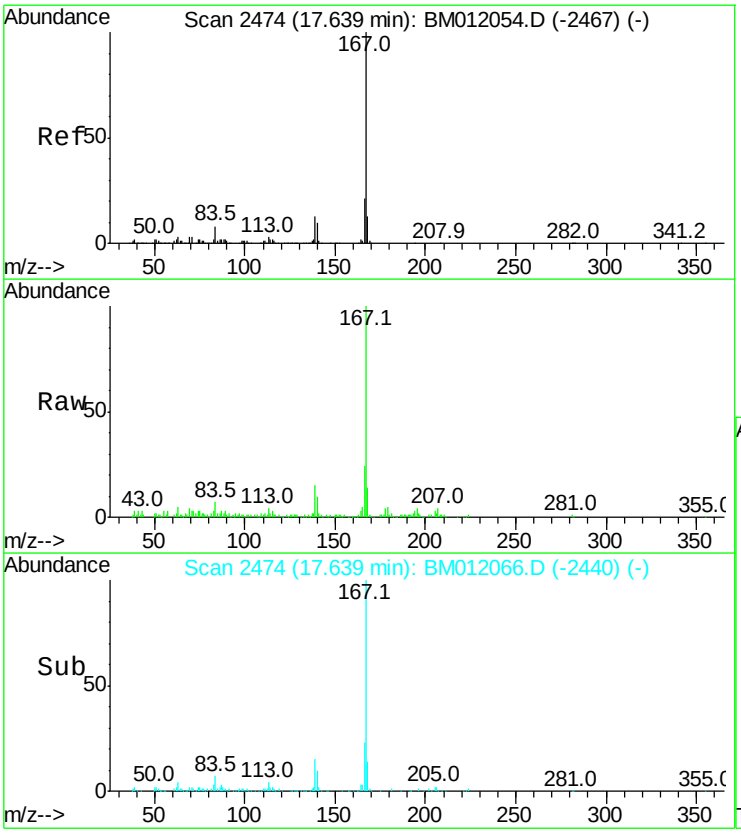
#71
Anthracene
Concen: 4.950 ng/ul
RT: 17.37 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BM012066.D
Acq: 11 Oct 2017 05:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 451303

Ion	Ratio	Lower	Upper
178	100		
179	14.7	11.7	17.5
176	18.8	14.6	21.8

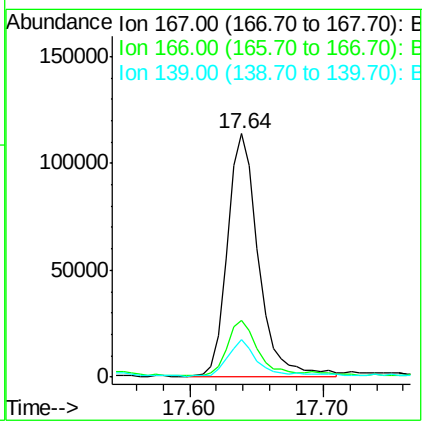


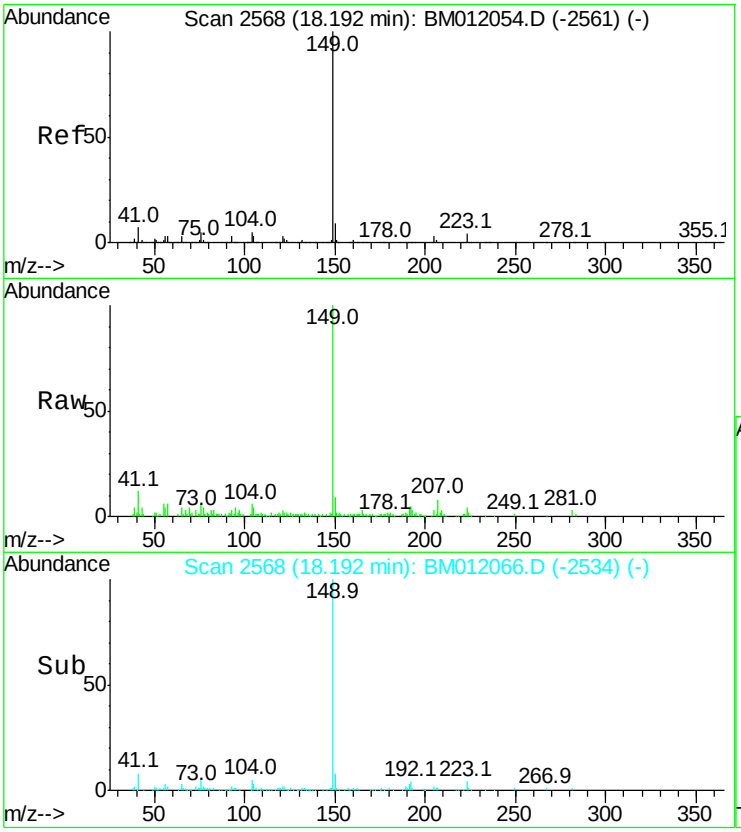


#72
Carbazole
Concen: 2.334 ng/ul
RT: 17.64 min Scan# 2474
Delta R.T. -0.00 min
Lab File: BM012066.D
Acq: 11 Oct 2017 05:40

Tgt Ion:167 Resp: 184371

Ion	Ratio	Lower	Upper
167	100		
166	23.6	17.1	25.7
139	15.2	10.0	15.0#



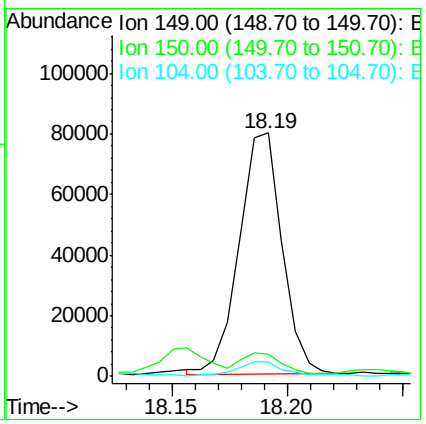


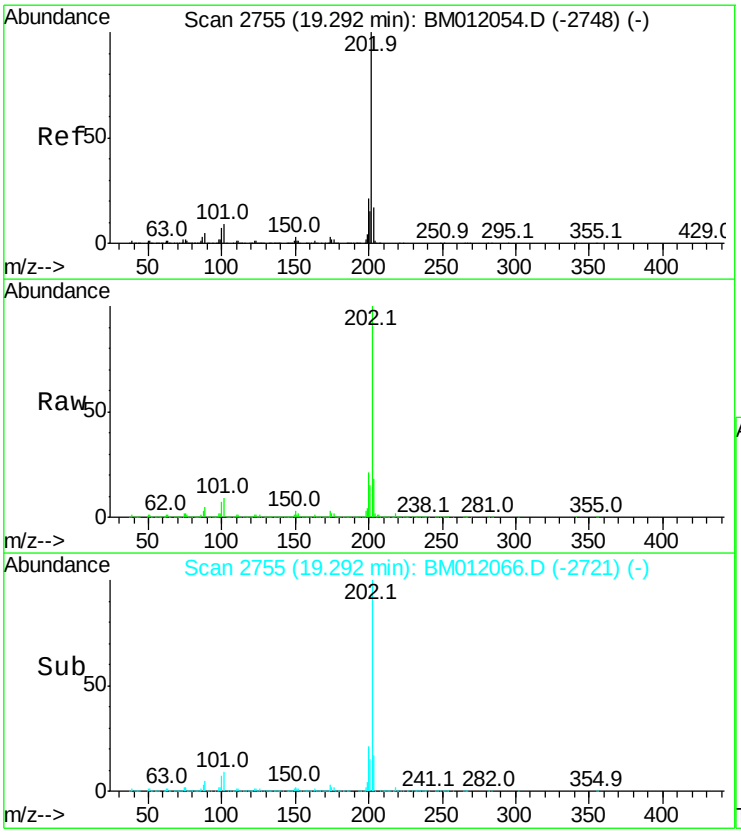
#73
Di-n-butylphthalate
Concen: 1.089 ng/ul
RT: 18.19 min Scan# 2568
Delta R.T. -0.00 min
Lab File: BM012066.D
Acq: 11 Oct 2017 05:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 103052

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.1	10.7
104	6.0	5.6	8.4

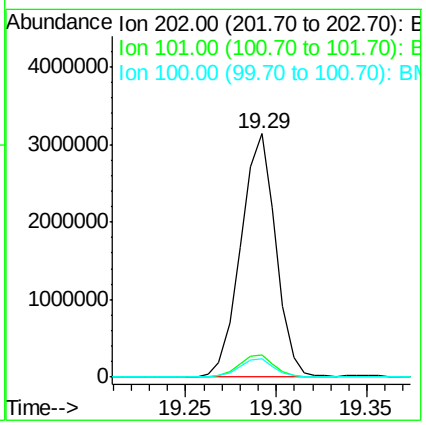


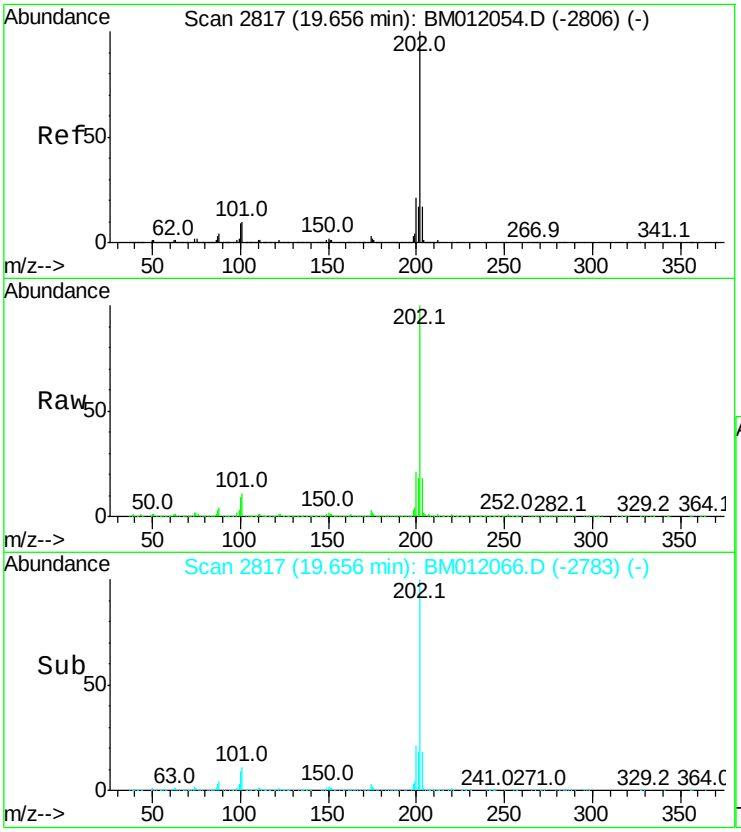


#74
Fluoranthene
Concen: 38.334 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. -0.00 min
Lab File: BM012066.D
Acq: 11 Oct 2017 05:40

Tgt Ion:202 Resp: 4191374

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



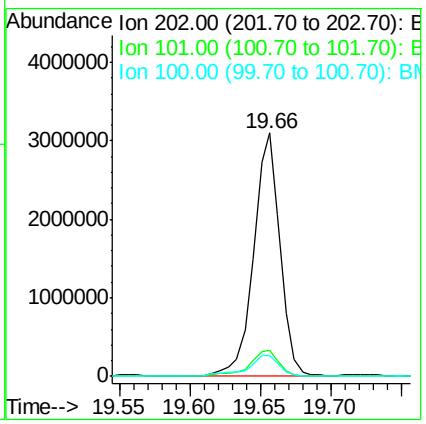


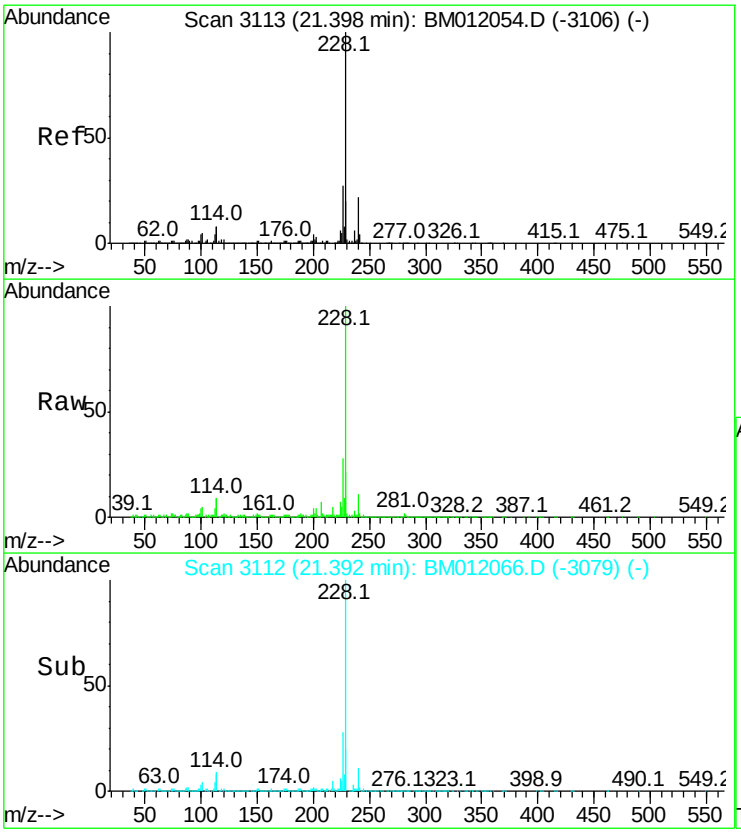
#77
Pyrene
Concen: 36.448 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. -0.00 min
Lab File: BM012066.D
Acq: 11 Oct 2017 05:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 4061780

Ion	Ratio	Lower	Upper
202	100		
101	10.8	5.1	7.7#
100	8.8	4.9	7.3#

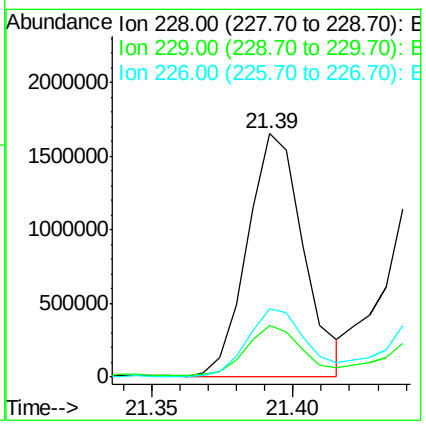


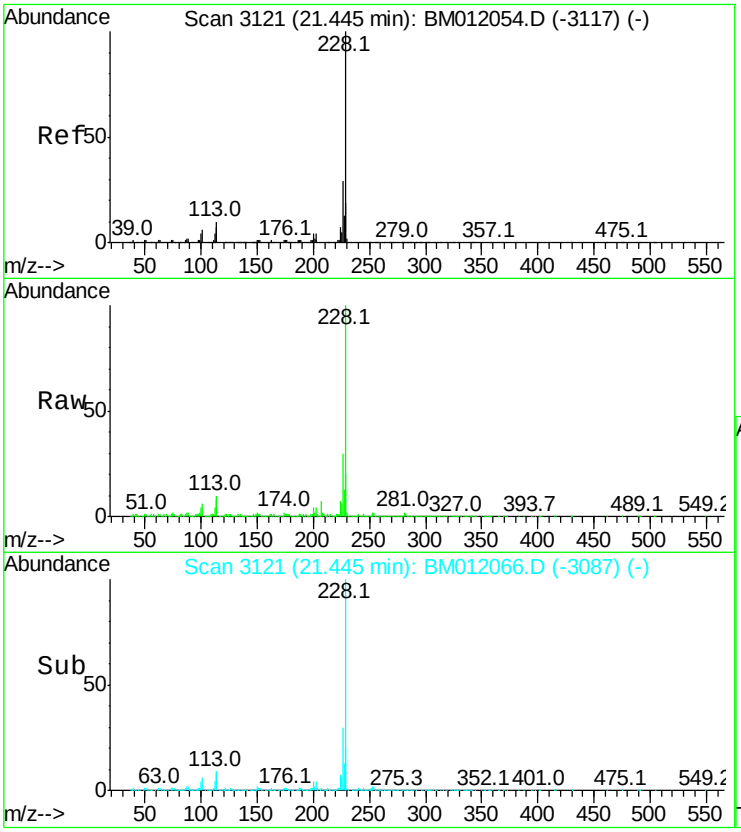


#80
Benzo(a)anthracene
Concen: 19.743 ng/ul
RT: 21.39 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BM012066.D
Acq: 11 Oct 2017 05:40

Tgt Ion:228 Resp: 2273210

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.4	23.0
226	27.9	21.4	32.0



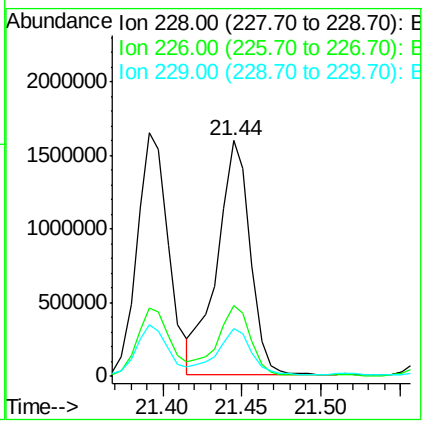


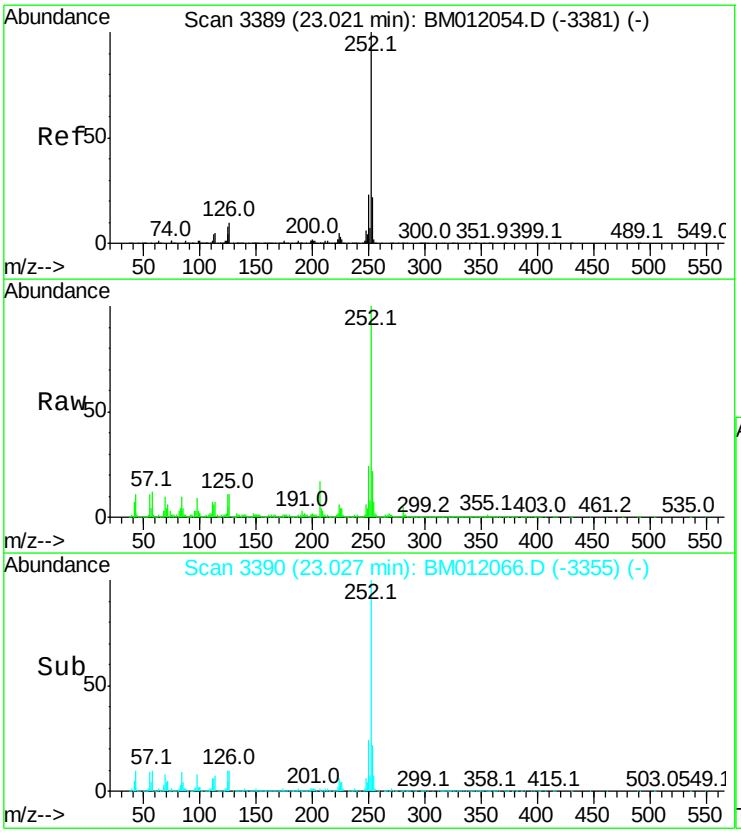
#82
Chrysene
Concen: 21.121 ng/ul
RT: 21.44 min Scan# 3121
Delta R.T. -0.00 min
Lab File: BM012066.D
Acq: 11 Oct 2017 05:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2310587

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	20.4	15.5	23.3

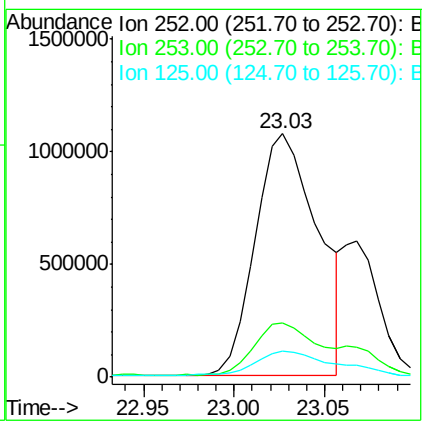


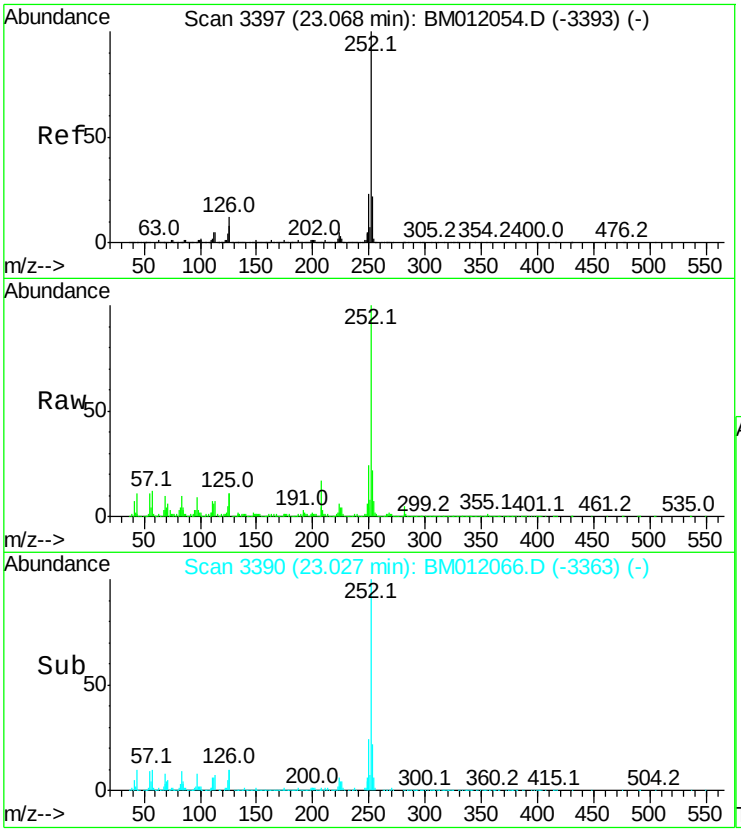


#85
Benzo(b)fluoranthene
Concen: 24.311 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. 0.01 min
Lab File: BM012066.D
Acq: 11 Oct 2017 05:40

Tgt Ion:252 Resp: 2586878

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	10.8	3.6	5.4#



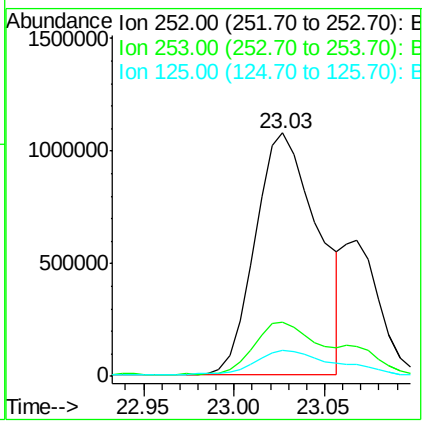


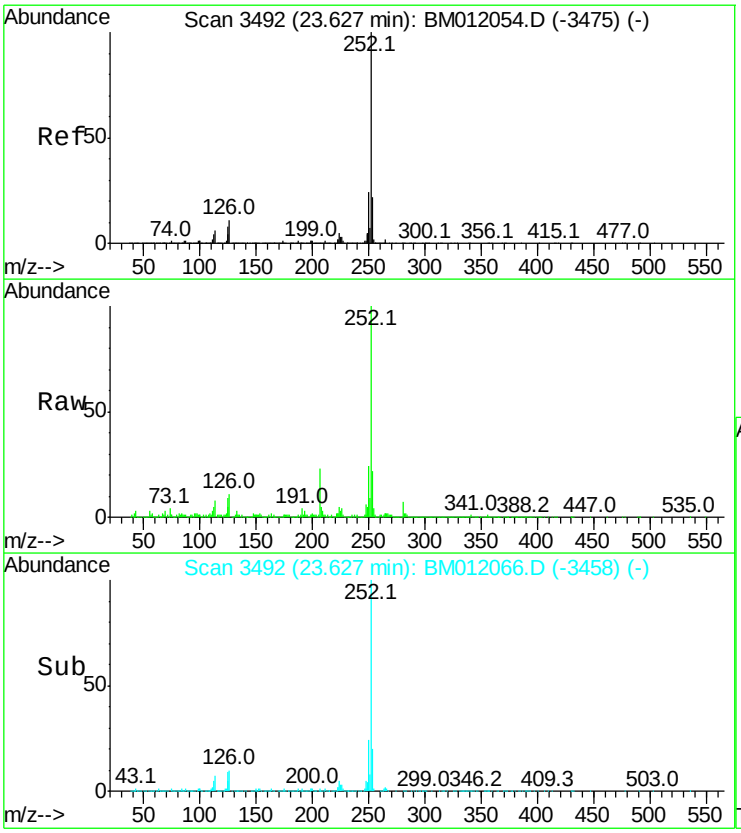
#86
Benzo(k)fluoranthene
Concen: 24.351 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. -0.04 min
Lab File: BM012066.D
Acq: 11 Oct 2017 05:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2586878

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	10.8	3.4	5.2#

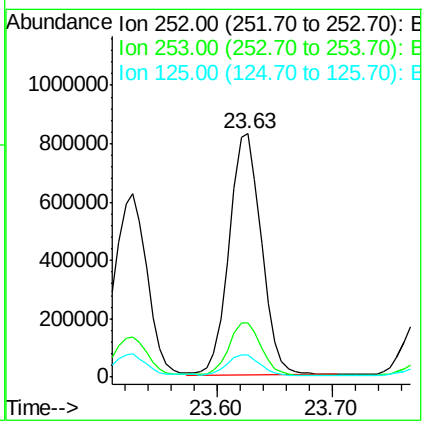


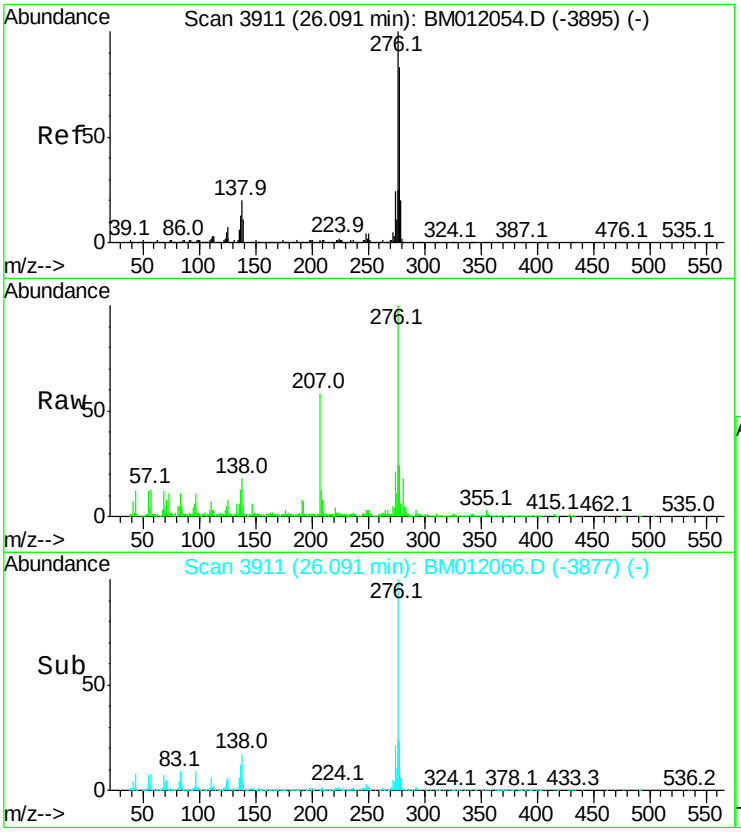


#88
Benzo(a)pyrene
Concen: 15.625 ng/ul
RT: 23.63 min Scan# 3492
Delta R.T. -0.00 min
Lab File: BM012066.D
Acq: 11 Oct 2017 05:40

Tgt Ion:252 Resp: 1597581

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	9.4	4.0	6.0#



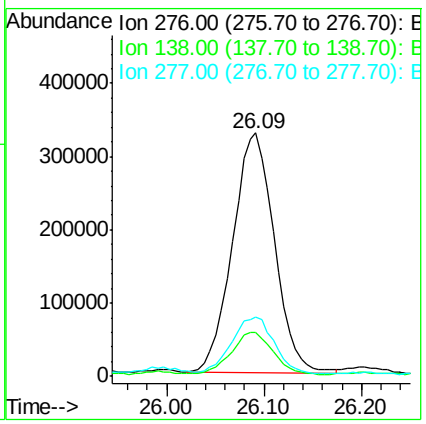


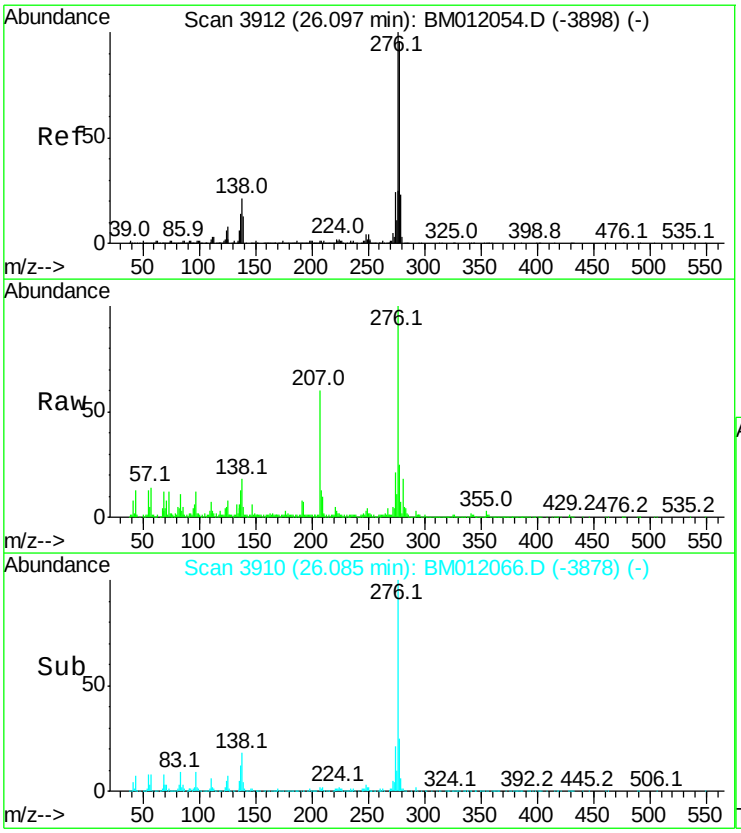
#89
Indeno(1,2,3-cd)pyrene
Concen: 8.961 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. -0.00 min
Lab File: BM012066.D
Acq: 11 Oct 2017 05:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 980508

Ion	Ratio	Lower	Upper
276	100		
138	18.0	9.3	13.9#
277	24.3	19.9	29.9

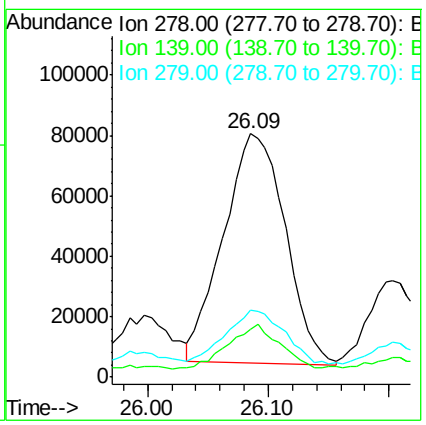


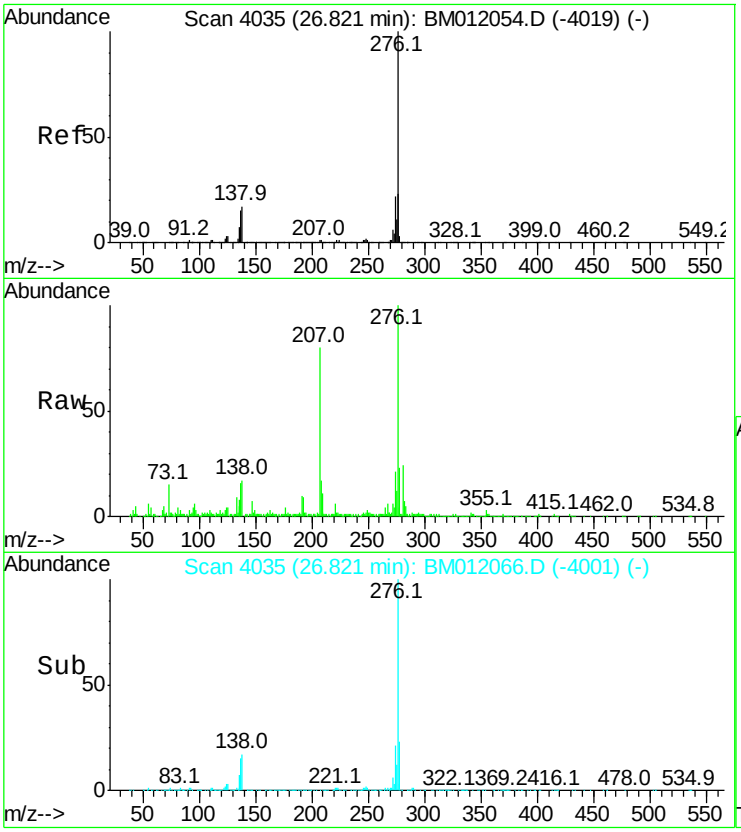


#90
Dibenzo(a,h)anthracene
Concen: 3.003 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM012066.D
Acq: 11 Oct 2017 05:40

Tgt Ion:278 Resp: 269962

Ion	Ratio	Lower	Upper
278	100		
139	19.8	5.8	8.8#
279	27.3	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 8.622 ng/ul
RT: 26.82 min Scan# 4035
Delta R.T. -0.00 min
Lab File: BM012066.D
Acq: 11 Oct 2017 05:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 780350

Ion	Ratio	Lower	Upper
276	100		
138	17.1	8.5	12.7#
277	23.3	18.6	28.0