Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012512.D
Acq On : 28 Oct 2017 07:16
Operator : SJ/JU
Sample : I5719-21 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 30 05:35:47 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 30 05:30:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	620197	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	2320093	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	1261920	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2609234	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2662628	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	3011245	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	12967	1.07	ng/uL	0.00
5) Phenol-d5	7.03	99	229272	4.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	151920	4.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	188934	4.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	189195	4.27	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	91558	6.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	99102	6.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	187952	4.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	135857	3.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	560942	5.09	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	689679	5.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	51432	3.14	ng/ul	0.00
57) Fluorene-d10	15.49	176	476561	5.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	38980	3.09	ng/ul	0.00
70) Anthracene-d10	17.34	188	679028	5.46	ng/ul	0.00
76) Pyrene-d10	19.63	212	700104	5.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	741467	5.18	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.06	94	68868	1.28	ng/ul#	87
14) Acetophenone	8.67	105	104391	1.50	ng/ul#	32
17) Hexachloroethane	8.97	117	43559	2.59	ng/ul#	1
28) Naphthalene	10.71	128	495248	4.31	ng/ul	99
30) 4-Chloroaniline	10.71	127	66045	1.57	ng/ul#	11
34) 2-Methylnaphthalene	12.32	142	206345	2.21	ng/ul	96
44) Dimethylphthalate	13.95	163	290359	2.66	ng/ul	99
49) Acenaphthene	14.56	153	380318	4.46	ng/ul	98
53) Dibenzofuran	14.90	168	588957	4.67	ng/ul	97
58) Fluorene	15.55	166	542073	5.08	ng/ul	99
69) Phenanthrene	17.29	178	7777224	55.12	ng/ul	98
71) Anthracene	17.37	178	2093508	14.35	ng/ul	98
72) Carbazole	17.64	167	465239	3.85	ng/ul	100
74) Fluoranthene	19.30	202	8939640	55.91	ng/ul#	92
77) Pyrene	19.66	202	7805418	51.55	ng/ul#	90
80) Benzo(a)anthracene	21.40	228	4154357	26.06	ng/ul	98
82) Chrysene	21.45	228	3614163	25.49	ng/ul	96
85) Benzo(b)fluoranthene	23.03	252	5255102	28.23	ng/ul#	98
86) Benzo(k)fluoranthene	23.03	252	5255102	29.99	ng/ul#	96
88) Benzo(a)pyrene	23.62	252	3687738	20.78	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.06	276	2760753	13.22	ng/ul#	98
90) Dibenzo(a,h)anthracene	26.06	278	737416	4.16	ng/ul#	89
91) Benzo(g,h,i)perylene	26.78	276	2302777	13.60	ng/ul#	94

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012512.D
Acq On : 28 Oct 2017 07:16
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Sample : I5719-21 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 30 05:35:47 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 30 05:30:34 2017
Response via : Initial Calibration

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\BM102717\
Data File : BM012512.D
Acq On : 28 Oct 2017 07:16
Operator : SJ/JU
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Misc :
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ClientSampleId :

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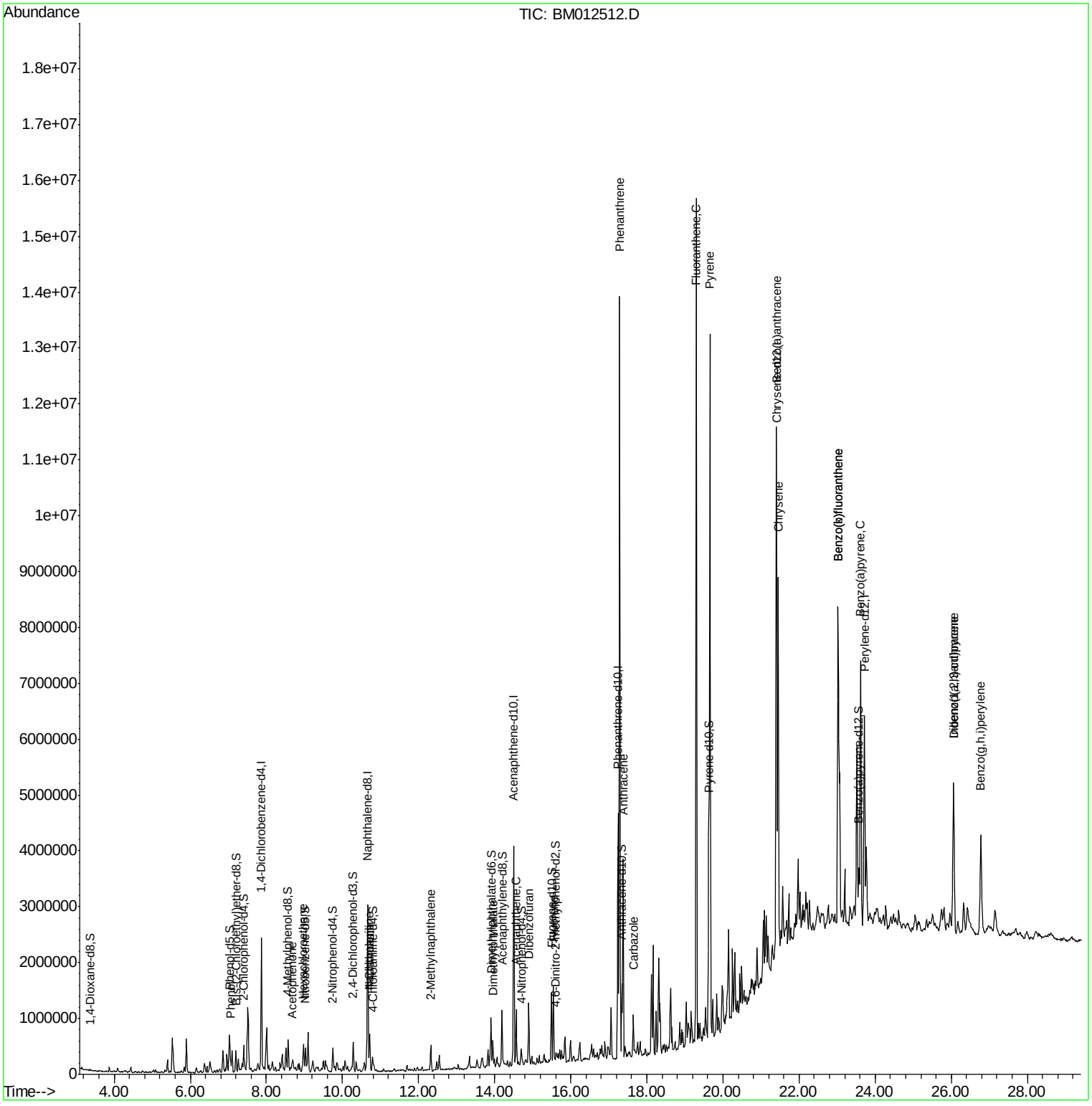
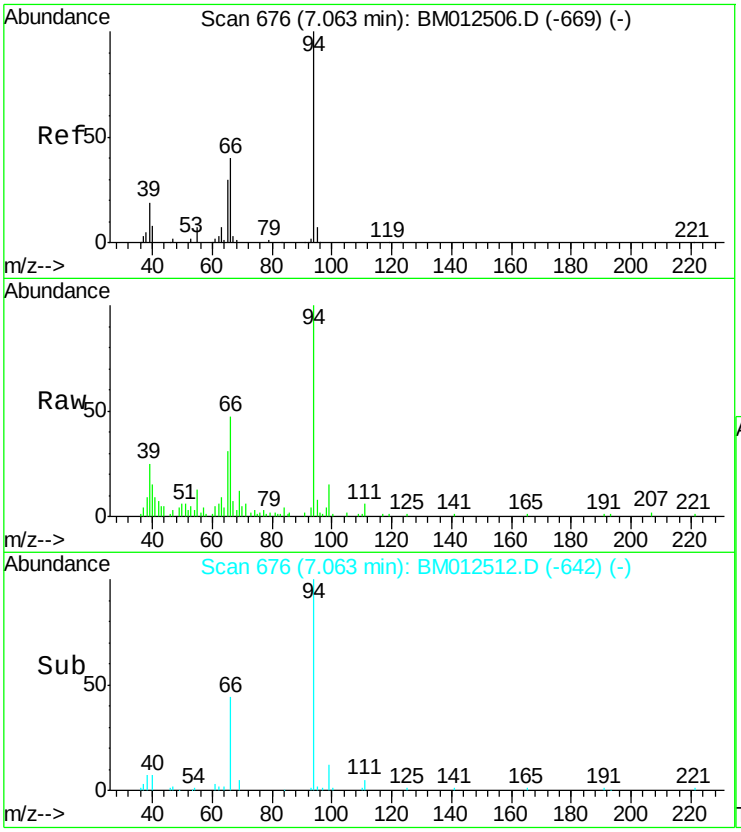
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 30 05:30:34 2017
Response via : Initial Calibration



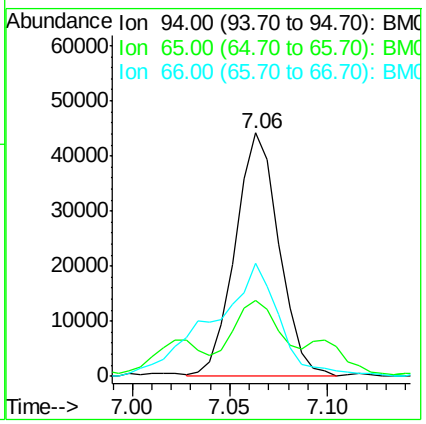


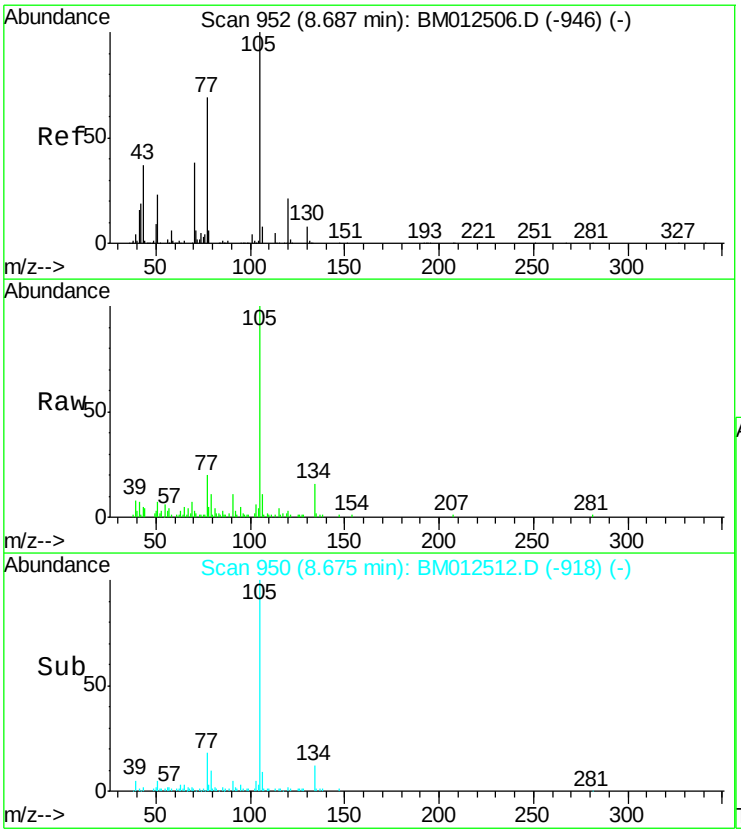
#6
Phenol
Concen: 1.28 ng/ul
RT: 7.06 min Scan# 676
Delta R.T. 0.00 min
Lab File: BM012512.D
Acq: 28 Oct 2017 07:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 68868

Ion	Ratio	Lower	Upper
94	100		
65	31.0	28.2	42.4
66	46.6	47.2	70.8#

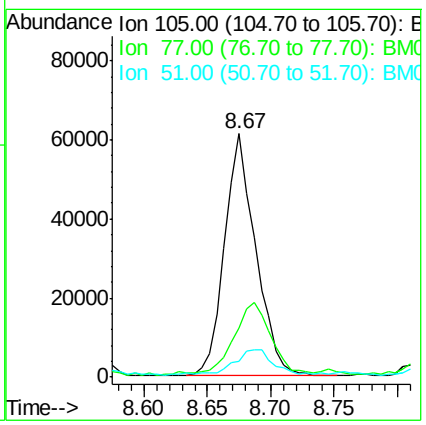


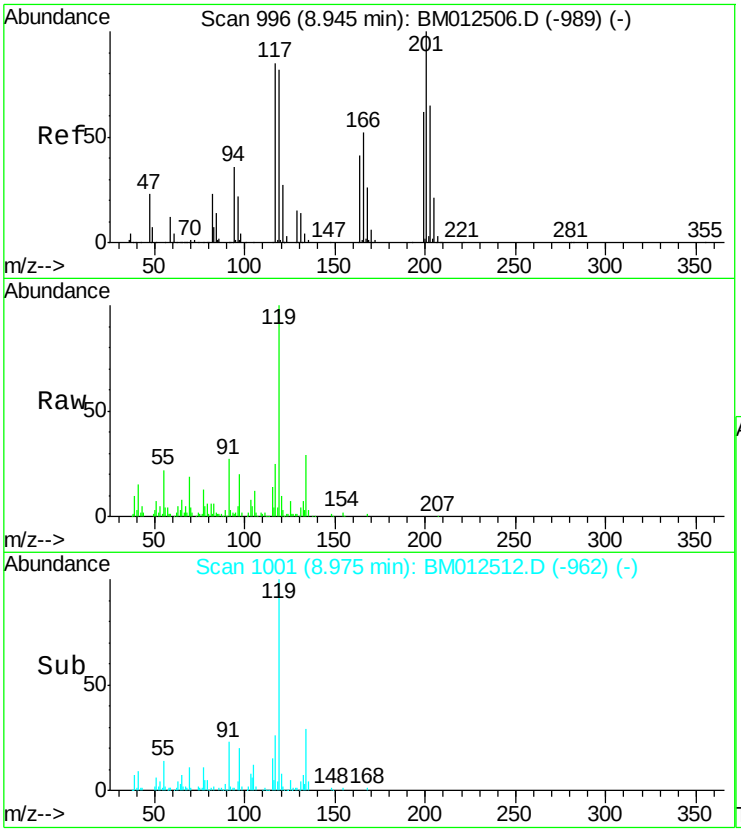


#14
Acetophenone
Concen: 1.50 ng/ul
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BM012512.D
Acq: 28 Oct 2017 07:16

Tgt Ion:105 Resp: 104391

Ion	Ratio	Lower	Upper
105	100		
77	20.2	74.2	111.4#
51	6.7	23.4	35.2#



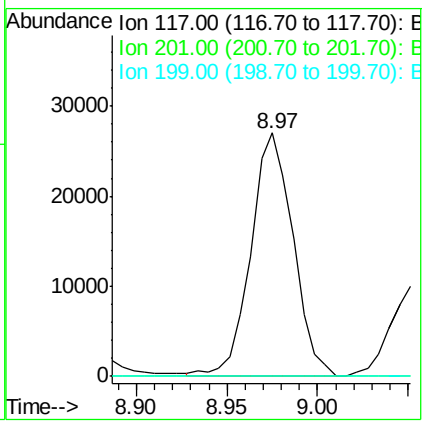


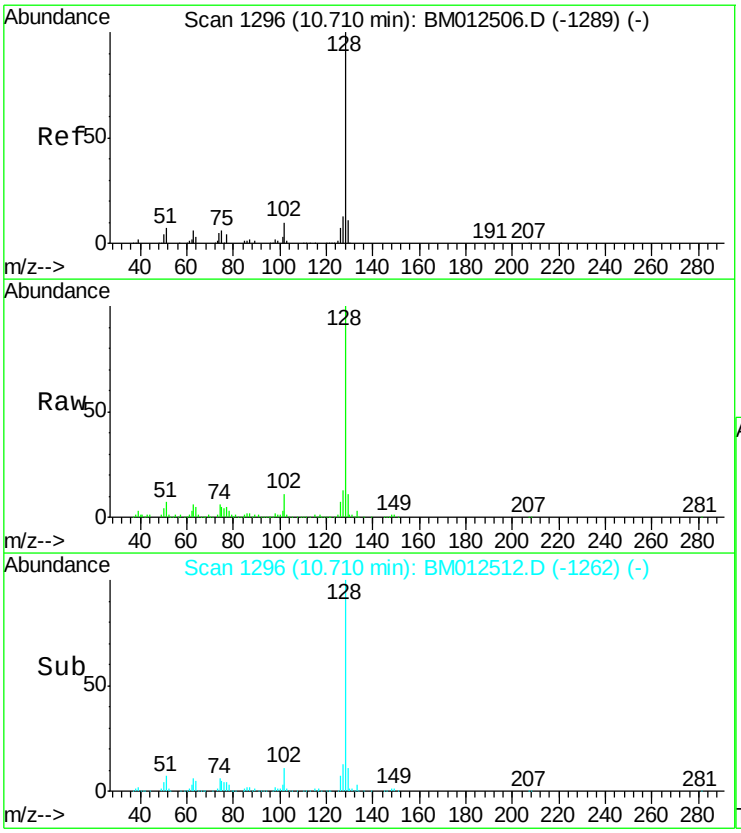
#17
Hexachloroethane
Concen: 2.59 ng/ul
RT: 8.97 min Scan# 1001
Delta R.T. 0.03 min
Lab File: BM012512.D
Acq: 28 Oct 2017 07:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 43559

Ion	Ratio	Lower	Upper
117	100		
201	0.0	111.6	167.4#
199	0.0	67.8	101.6#

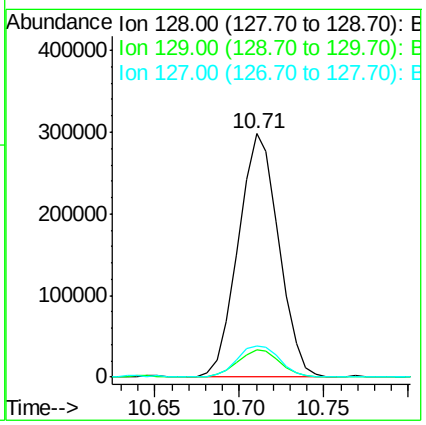


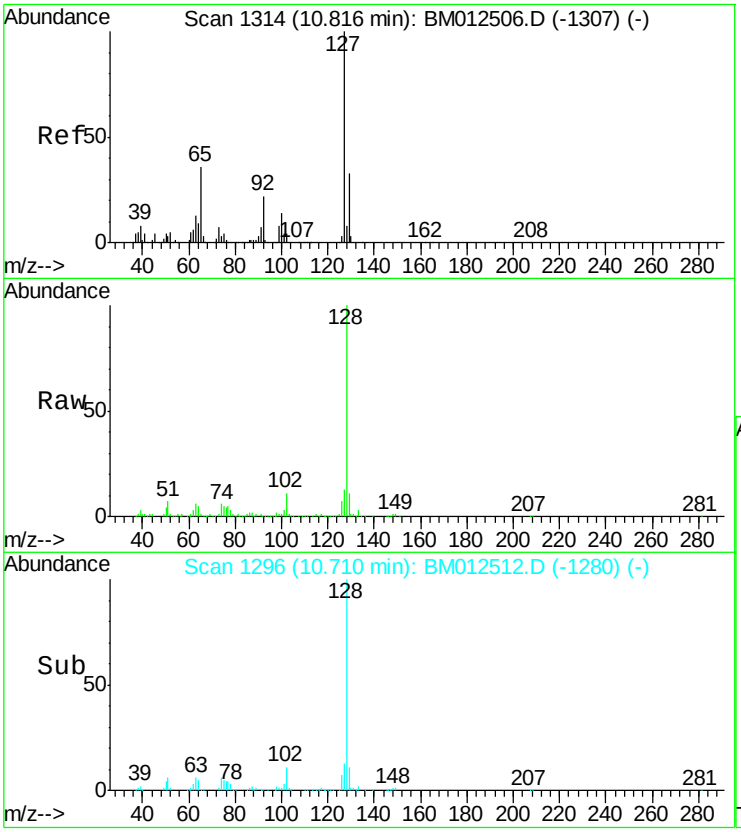


#28
Naphthalene
Concen: 4.31 ng/ul
RT: 10.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BM012512.D
Acq: 28 Oct 2017 07:16

Tgt Ion:128 Resp: 495248

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.0	10.6	16.0



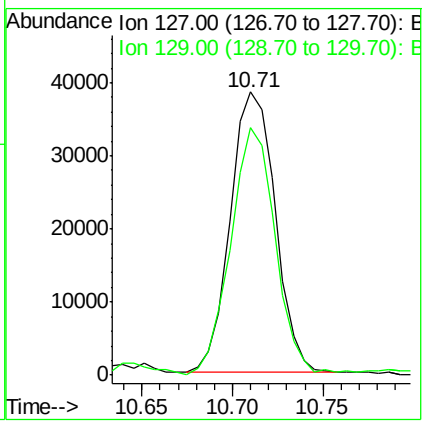


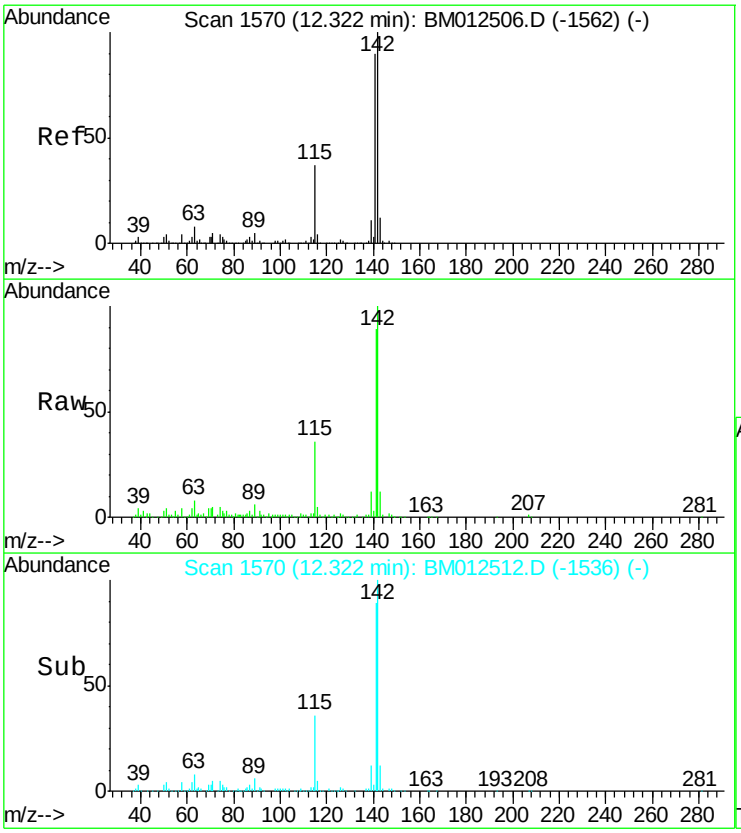
#30
4-Chloroaniline
Concen: 1.57 ng/ul
RT: 10.71 min Scan# 1296
Delta R.T. -0.11 min
Lab File: BM012512.D
Acq: 28 Oct 2017 07:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 66045

Ion	Ratio	Lower	Upper
127	100		
129	87.5	28.4	42.6#

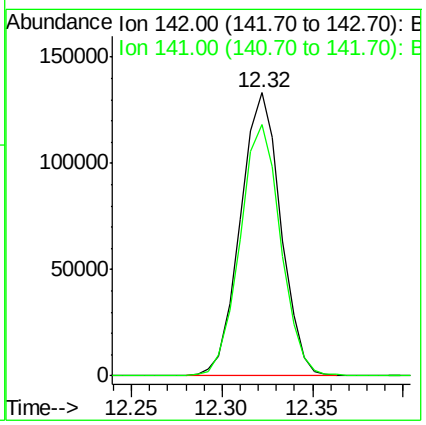


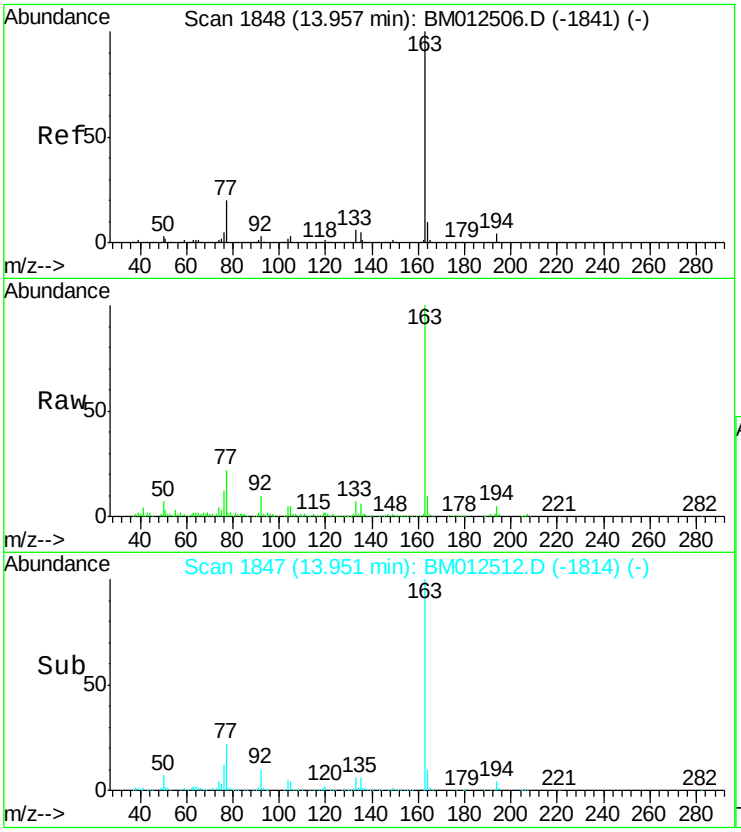


#34
2-Methylnaphthalene
Concen: 2.21 ng/ul
RT: 12.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BM012512.D
Acq: 28 Oct 2017 07:16

Tgt Ion:142 Resp: 206345

Ion	Ratio	Lower	Upper
142	100		
141	89.0	74.1	111.1



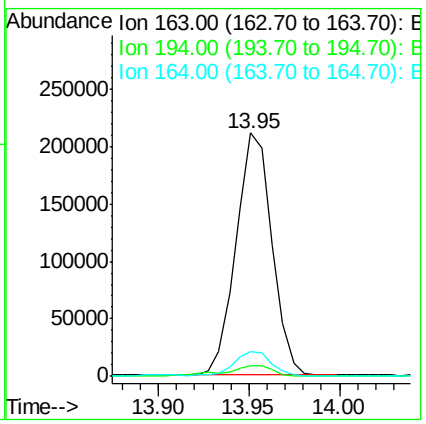


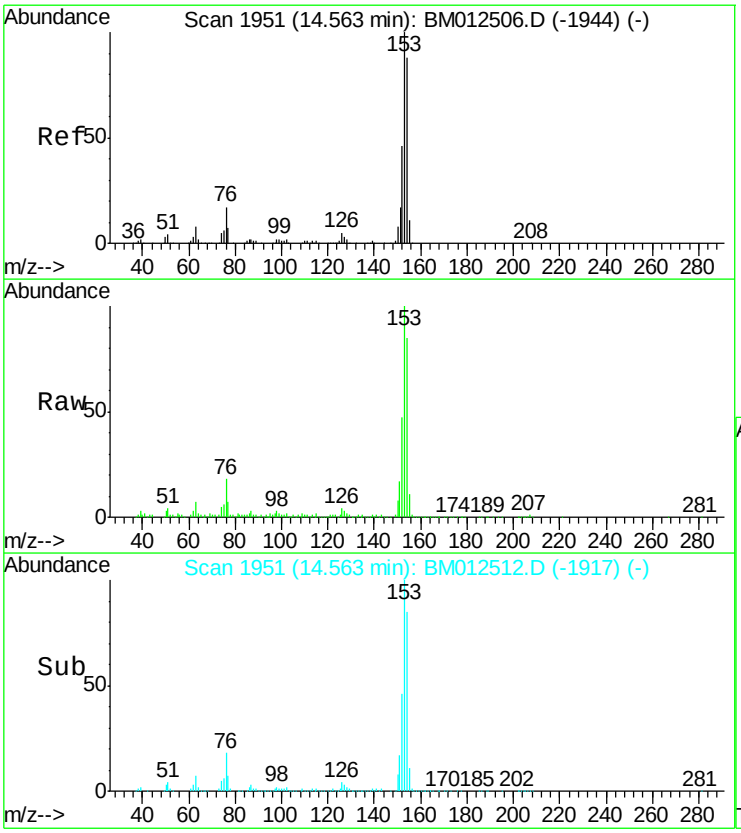
#44
Dimethylphthalate
Concen: 2.66 ng/ul
RT: 13.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM012512.D
Acq: 28 Oct 2017 07:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 290359

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.0	8.2	12.4

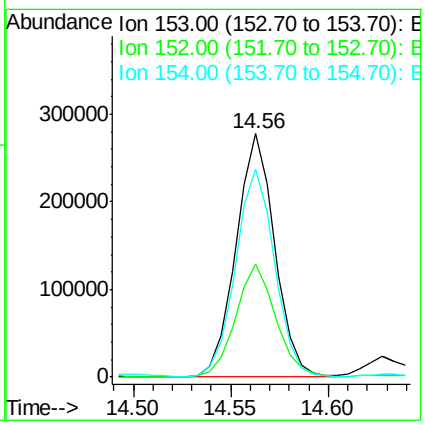


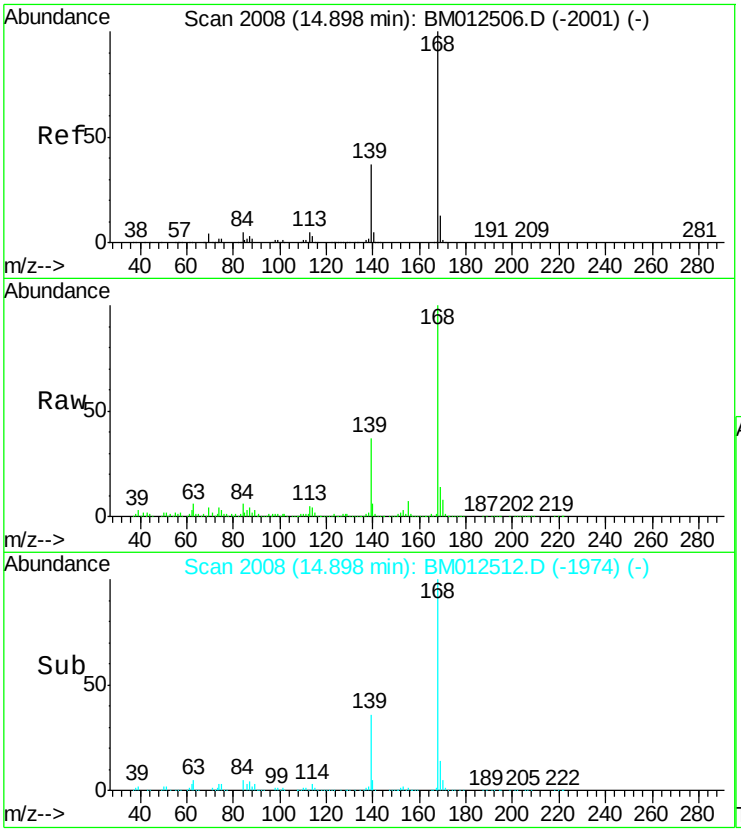


#49
Acenaphthene
Concen: 4.46 ng/ul
RT: 14.56 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BM012512.D
Acq: 28 Oct 2017 07:16

Tgt Ion:153 Resp: 380318

Ion	Ratio	Lower	Upper
153	100		
152	46.5	37.6	56.4
154	85.3	70.4	105.6



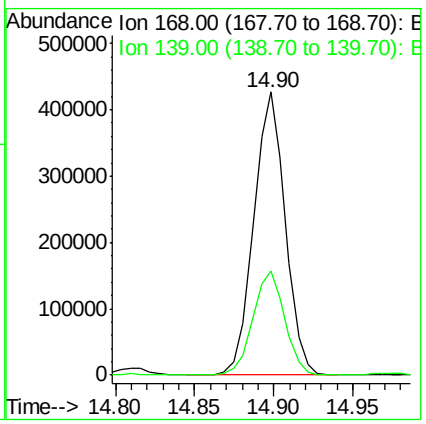


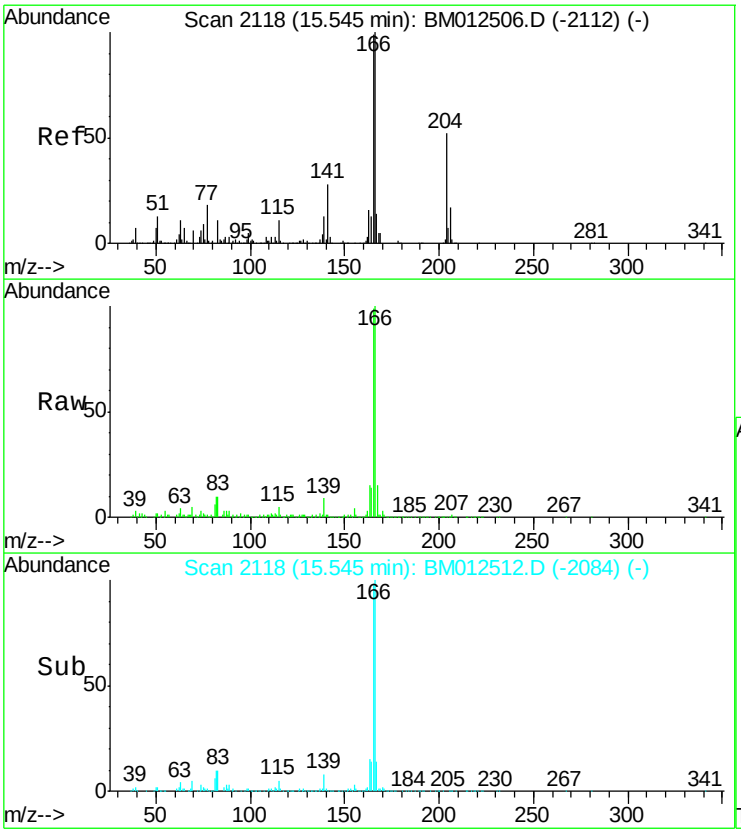
#53
Dibenzofuran
Concen: 4.67 ng/ul
RT: 14.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BM012512.D
Acq: 28 Oct 2017 07:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 588957

Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.8	46.2

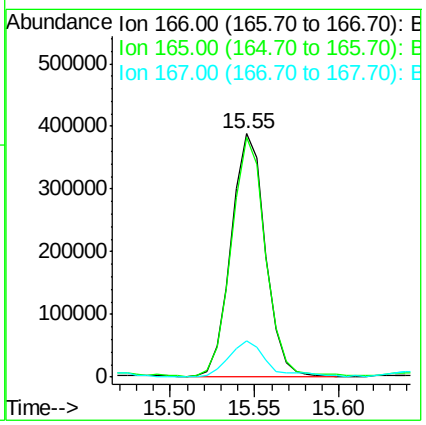


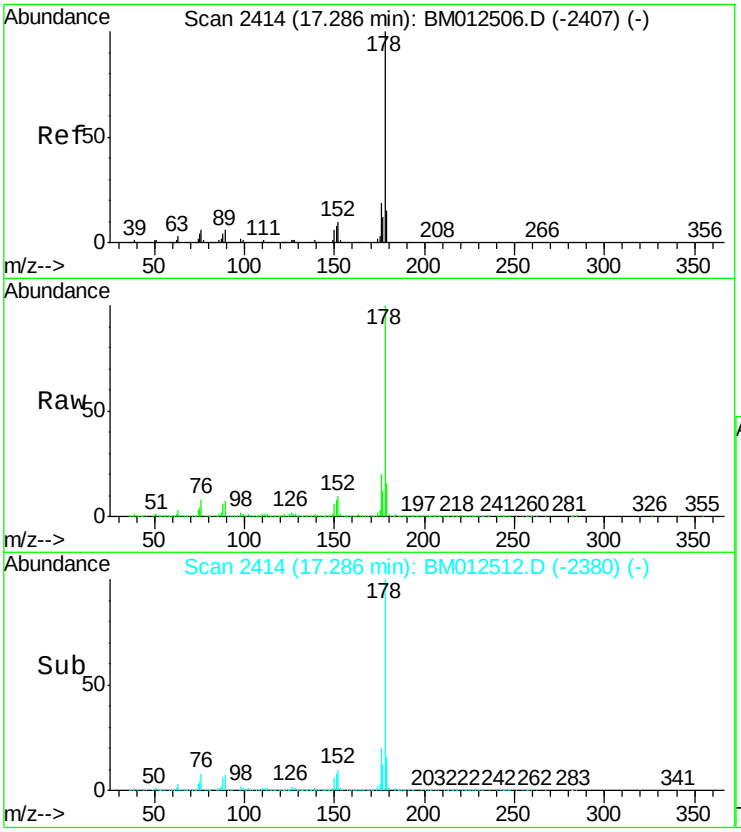


#58
Fluorene
Concen: 5.08 ng/ul
RT: 15.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BM012512.D
Acq: 28 Oct 2017 07:16

Tgt Ion:166 Resp: 542073

Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.9	116.9
167	14.7	10.6	16.0



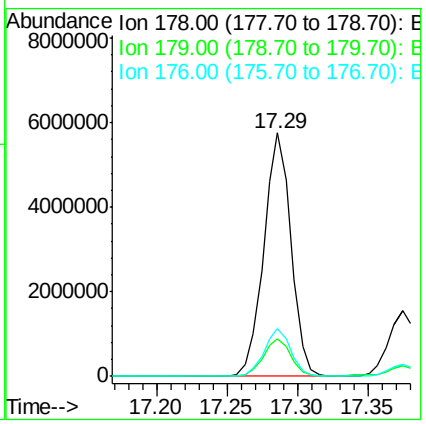


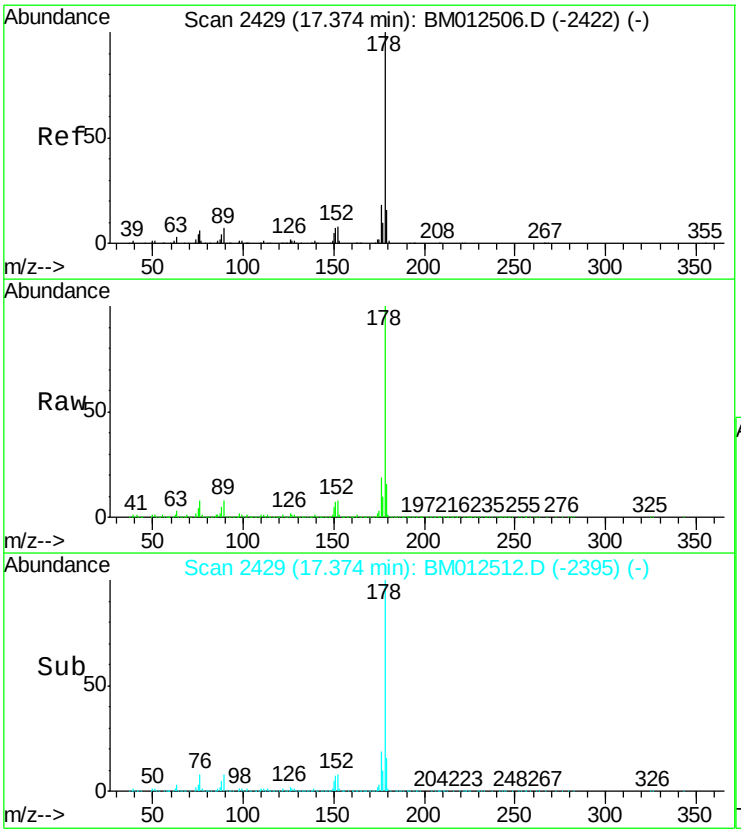
#69
Phenanthrene
Concen: 55.12 ng/ul
RT: 17.29 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BM012512.D
Acq: 28 Oct 2017 07:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 7777224

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	19.7	14.9	22.3

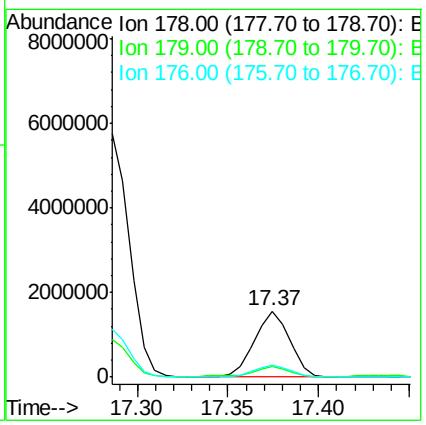


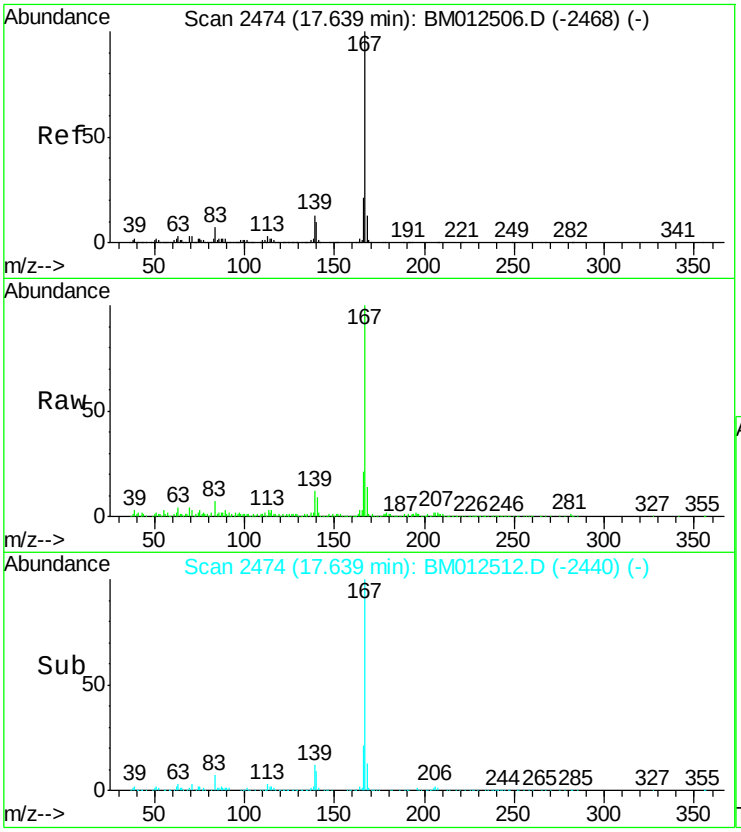


#71
Anthracene
Concen: 14.35 ng/ul
RT: 17.37 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BM012512.D
Acq: 28 Oct 2017 07:16

Tgt Ion:178 Resp: 2093508

Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.7	17.5
176	18.7	14.6	21.8



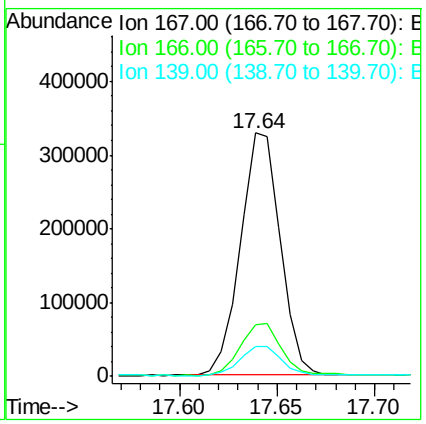


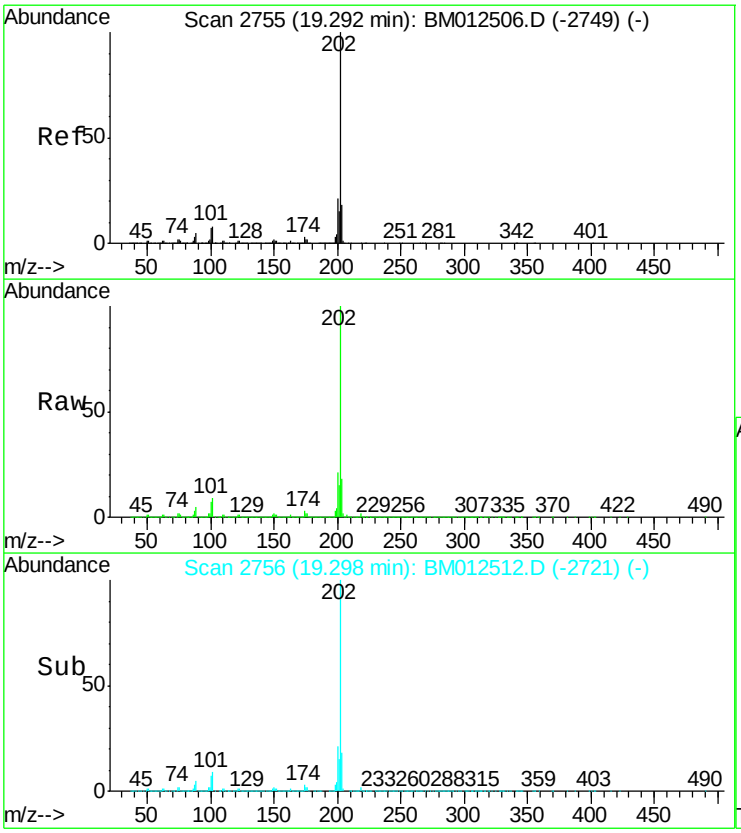
#72
Carbazole
Concen: 3.85 ng/ul
RT: 17.64 min Scan# 2474
Delta R.T. 0.00 min
Lab File: BM012512.D
Acq: 28 Oct 2017 07:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 465239

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.1	10.0	15.0

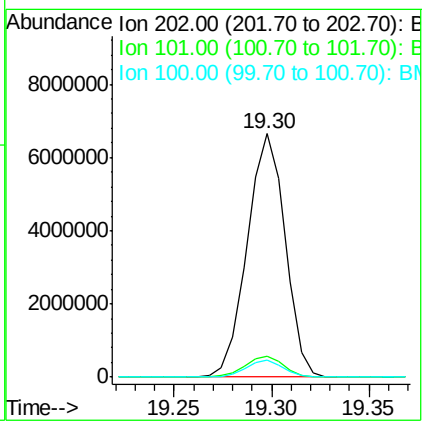


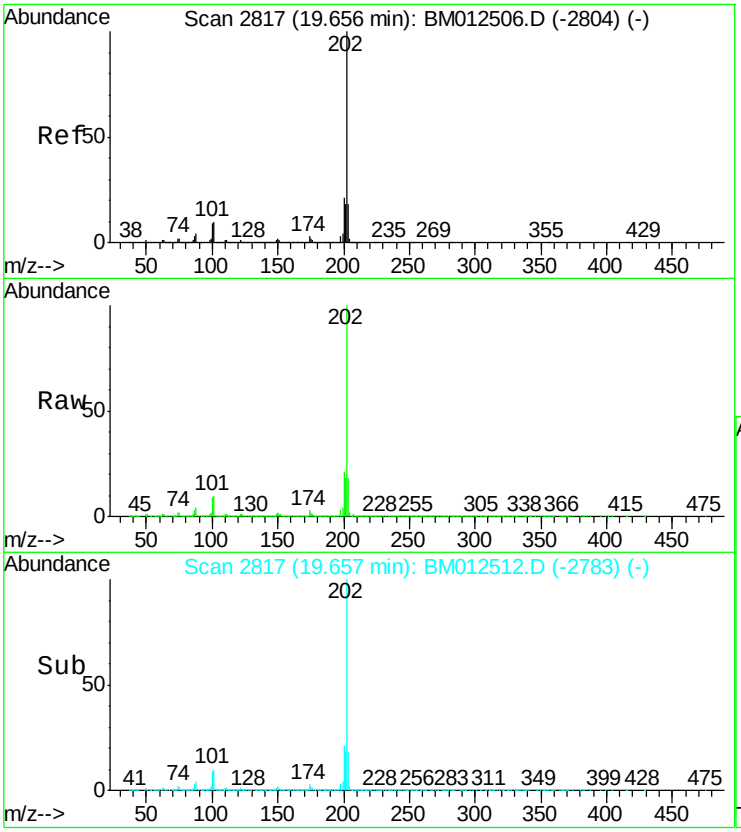


#74
Fluoranthene
Concen: 55.91 ng/ul
RT: 19.30 min Scan# 2756
Delta R.T. 0.01 min
Lab File: BM012512.D
Acq: 28 Oct 2017 07:16

Tgt Ion:202 Resp: 8939640

Ion	Ratio	Lower	Upper
202	100		
101	8.7	4.6	7.0#
100	6.8	3.4	5.2#



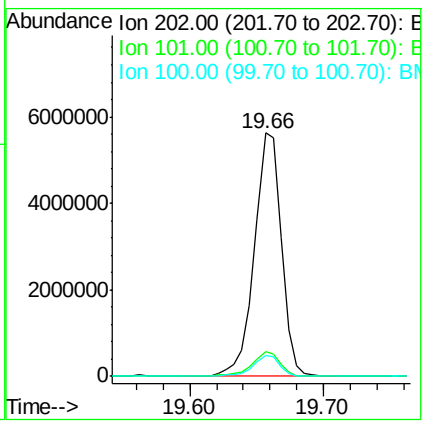


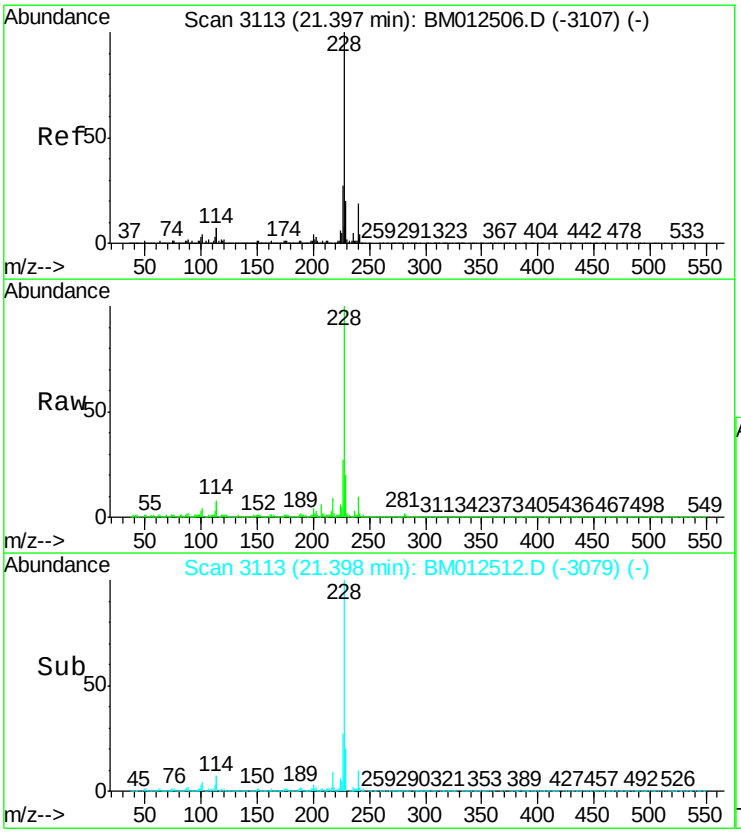
#77
Pyrene
Concen: 51.55 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BM012512.D
Acq: 28 Oct 2017 07:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 7805418

Ion	Ratio	Lower	Upper
202	100		
101	10.3	5.1	7.7#
100	8.6	4.9	7.3#

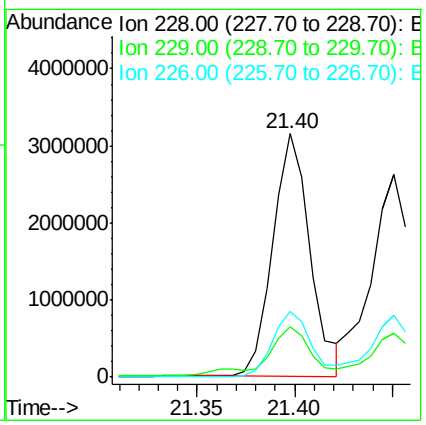


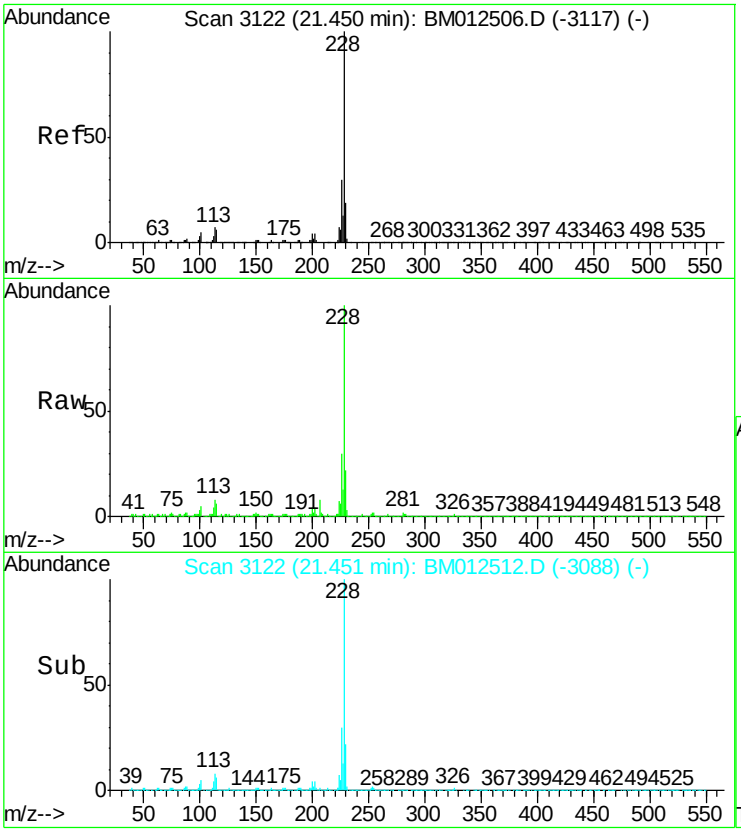


#80
Benzo(a)anthracene
Concen: 26.06 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BM012512.D
Acq: 28 Oct 2017 07:16

Tgt Ion:228 Resp: 4154357

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.0
226	27.2	21.4	32.0



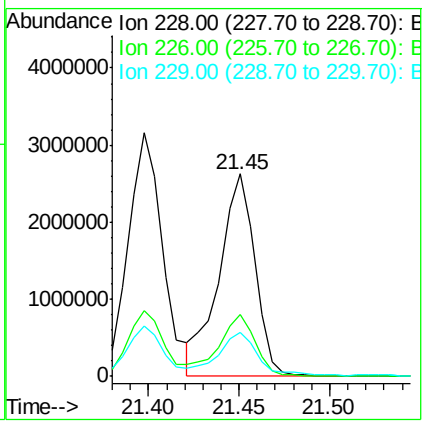


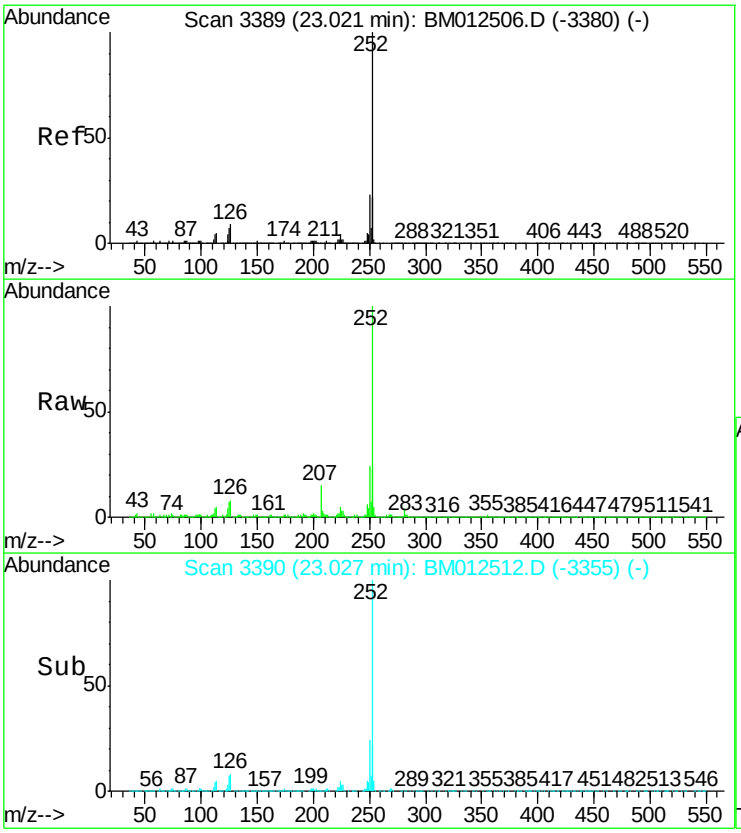
#82
Chrysene
Concen: 25.49 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BM012512.D
Acq: 28 Oct 2017 07:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 3614163

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.2
229	21.9	15.5	23.3

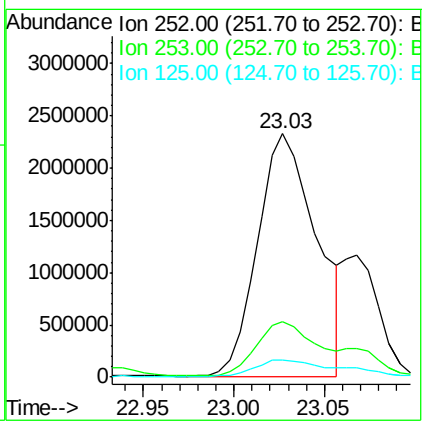


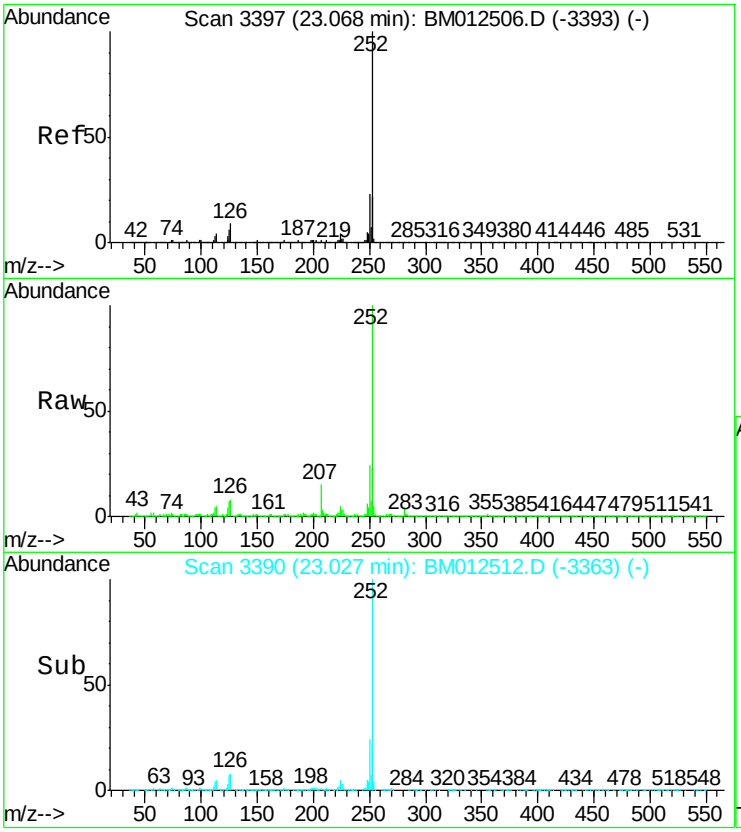


#85
Benzo(b)fluoranthene
Concen: 28.23 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. 0.01 min
Lab File: BM012512.D
Acq: 28 Oct 2017 07:16

Tgt Ion:252 Resp: 5255102

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	7.2	3.6	5.4#



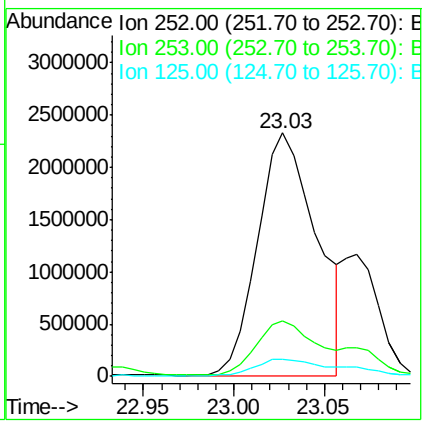


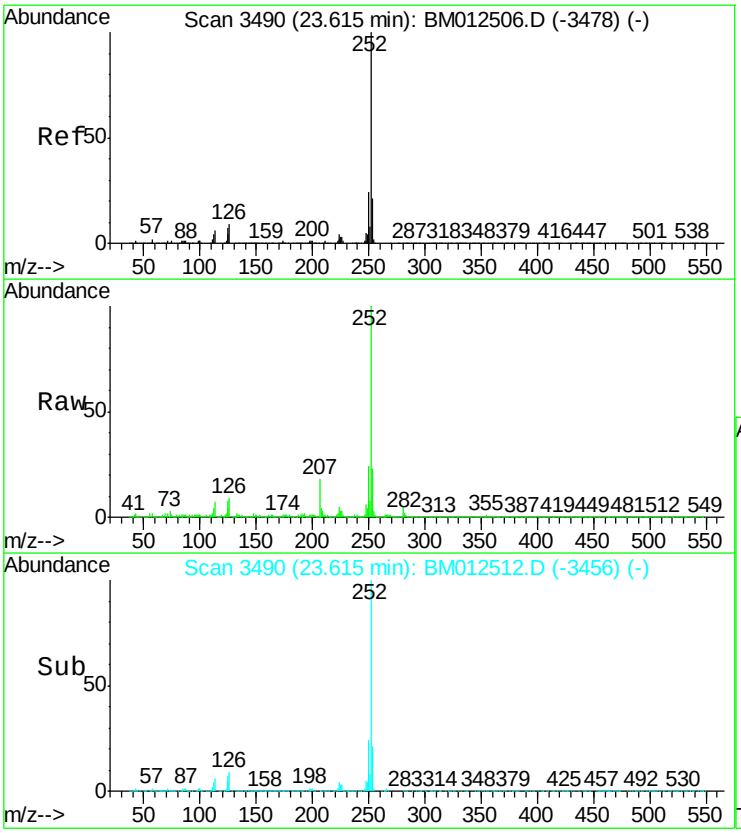
#86
Benzo(k)fluoranthene
Concen: 29.99 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. -0.04 min
Lab File: BM012512.D
Acq: 28 Oct 2017 07:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 5255102

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	7.2	3.4	5.2#

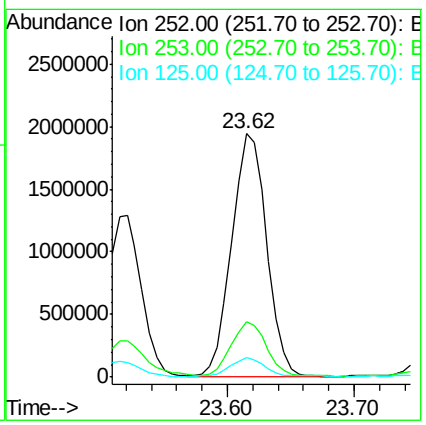


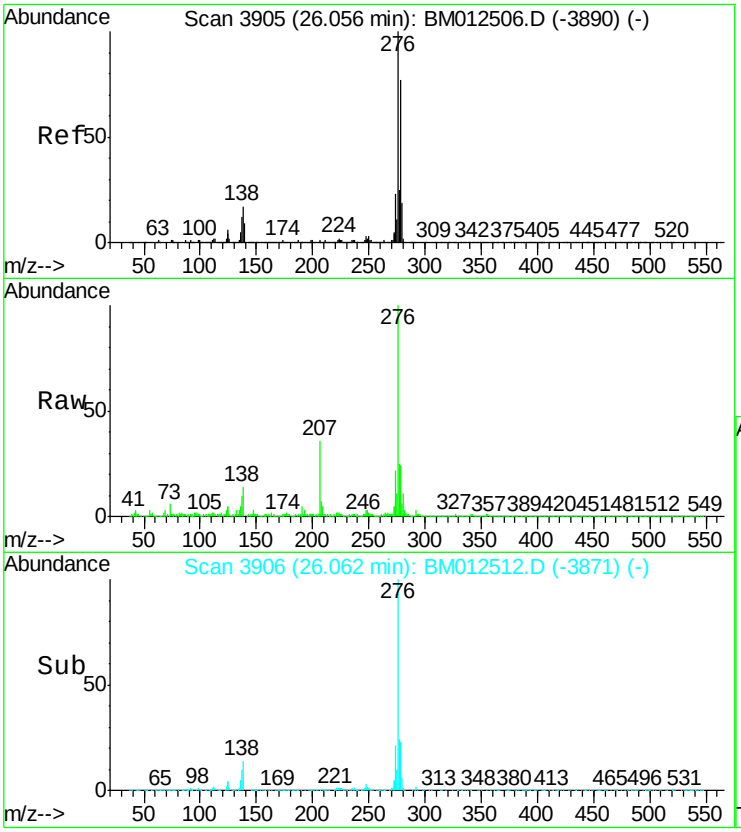


#88
Benzo(a)pyrene
Concen: 20.78 ng/ul
RT: 23.62 min Scan# 3490
Delta R.T. 0.00 min
Lab File: BM012512.D
Acq: 28 Oct 2017 07:16

Tgt Ion:252 Resp: 3687738

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	7.8	4.0	6.0#



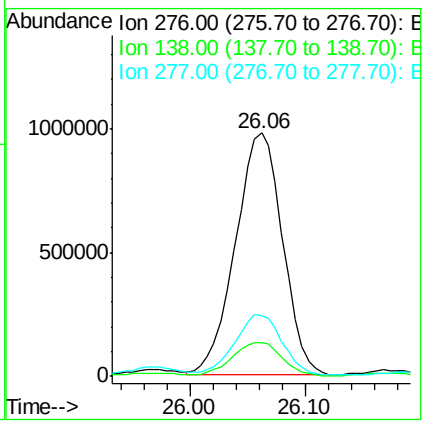


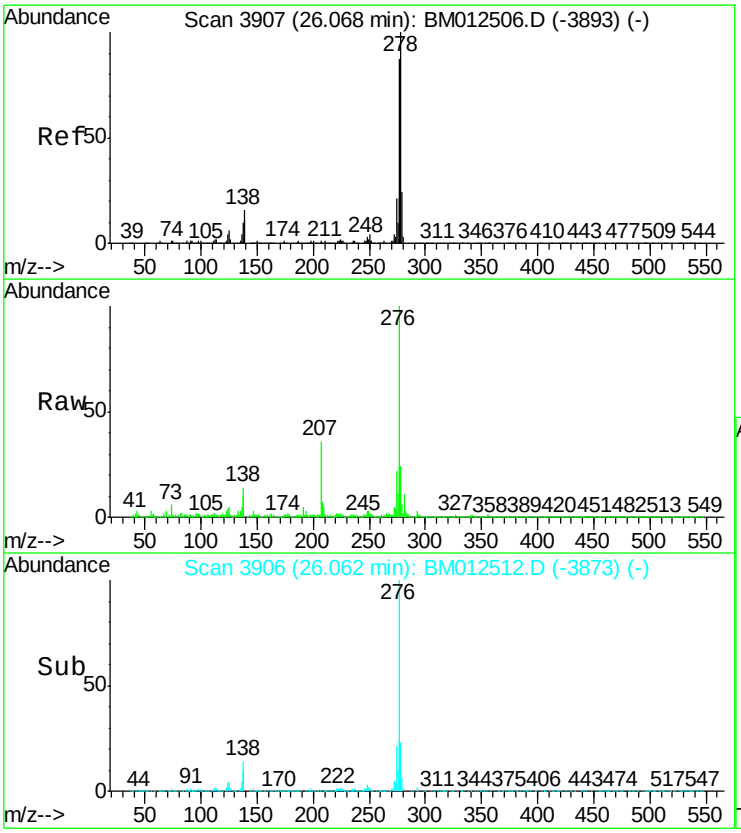
#89
Indeno(1,2,3-cd)pyrene
Concen: 13.22 ng/ul
RT: 26.06 min Scan# 3906
Delta R.T. 0.01 min
Lab File: BM012512.D
Acq: 28 Oct 2017 07:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 2760753

Ion	Ratio	Lower	Upper
276	100		
138	14.1	9.3	13.9#
277	25.0	19.9	29.9

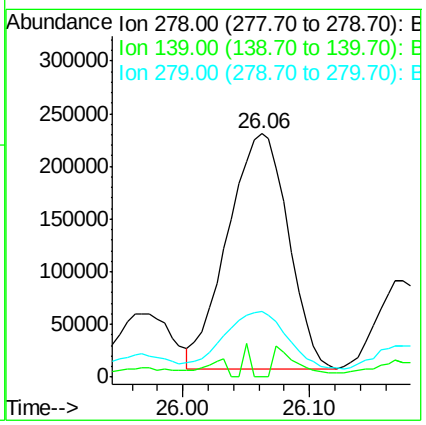


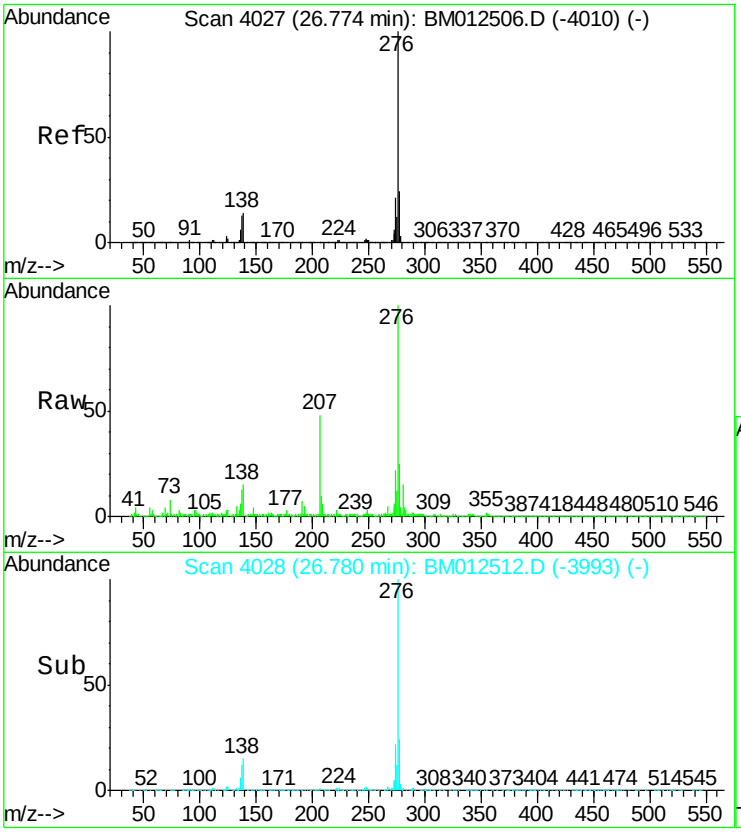


#90
Dibenzo(a,h)anthracene
Concen: 4.16 ng/ul
RT: 26.06 min Scan# 3906
Delta R.T. -0.01 min
Lab File: BM012512.D
Acq: 28 Oct 2017 07:16

Tgt Ion:278 Resp: 737416

Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	27.0	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 13.60 ng/ul
RT: 26.78 min Scan# 4028
Delta R.T. 0.01 min
Lab File: BM012512.D
Acq: 28 Oct 2017 07:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 2302777

Ion	Ratio	Lower	Upper
276	100		
138	15.1	8.5	12.7#
277	24.8	18.6	28.0