Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092915\
Data File : BM002792.D
Acq On : 30 Sep 2015 21:23
Operator : UM/IZ
Sample : G3798-13RX
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G67

Quant Time: Oct 01 07:09:08 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 01 07:01:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	89086	20.00	ng/ul	0.00
18) Naphthalene-d8	11.56	136	362889	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.30	164	161839	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.01	188	281001	20.00	ng/ul	0.00
78) Chrysene-d12	22.10	240	271097	20.00	ng/ul	0.00
86) Perylene-d12	24.54	264	247263	20.00	ng/ul	-0.15
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.77	96	4806	2.51	ng/uL	0.00
5) Phenol-d5	7.82	99	103818	15.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.99	67	58725	15.47	ng/ul	0.00
9) 2-Chlorophenol-d4	8.22	132	96406	15.34	ng/ul	0.00
13) 4-Methylphenol-d8	9.40	113	76677	13.78	ng/ul	0.00
19) Nitrobenzene-d5	9.90	128	44219	15.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.63	143	46037	15.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.17	165	76384	14.97	ng/ul	0.00
29) 4-Chloroaniline-d4	11.69	131	27876	4.54	ng/ul	0.00
44) Dimethylphthalate-d6	14.67	166	209316	17.19	ng/ul	0.00
47) Acenaphthylene-d8	15.00	160	266381	16.39	ng/ul	0.00
52) 4-Nitrophenol-d4	15.48	143	27936	12.92	ng/ul	0.00
58) Fluorene-d10	16.27	176	168891	15.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.40	200	7662	5.59	ng/ul	0.00
71) Anthracene-d10	18.11	188	226736	16.91	ng/ul	0.00
79) Pyrene-d10	20.34	212	215744	17.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.37	264	128	0.01	ng/ul	-0.15
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	12103	5.71	ng/uL#	1
28) Naphthalene	11.61	128	41947	2.26	ng/ul	98
34) 2-Methylnaphthalene	13.17	142	24986	1.94	ng/ul	99
35) 1-Methylnaphthalene	13.17	142	24986	1.99	ng/ul	97
45) Dimethylphthalate	14.72	163	139139	11.24	ng/ul	99
48) Acenaphthylene	15.03	152	333508	19.46	ng/ul	100
50) Acenaphthene	15.36	153	14160	1.25	ng/ul	93
54) Dibenzofuran	15.69	168	15592	1.02	ng/ul	99
59) Fluorene	16.33	166	18609	1.48	ng/ul#	94
70) Phenanthrene	18.05	178	211322	13.00	ng/ul	99
72) Anthracene	18.14	178	443040	26.78	ng/ul	100
75) Carbazole	18.40	167	72743	5.04	ng/ul	98
77) Fluoranthene	20.02	202	1219307	72.65	ng/ul	99
80) Pyrene	20.37	202	1246183	72.37	ng/ul	100
81) Butylbenzylphthalate	21.18	149	11039	1.42	ng/ul#	84
83) Benzo(a)anthracene	22.09	228	1071361	66.48	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.92	149	73406	6.30	ng/ul	99
85) Chrysene	22.14	228	1025652	67.47	ng/ul	95
89) Benzo(k)fluoranthene	23.80	252	17313	1.23	ng/ul#	1
91) Benzo(a)pyrene	24.49	252	1015045	71.14	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	27.24	276	21630	1.30	ng/ul#	73
93) Dibenzo(a,h)anthracene	27.18	278	103932	7.39	ng/ul#	86

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092915\
Data File : BM002792.D
Acq On : 30 Sep 2015 21:23
Operator : UM/IZ
Sample : G3798-13RX
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9G67

Quant Time: Oct 01 07:09:08 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 01 07:01:42 2015
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\BM092915\
Data File : BM002792.D
Acq On : 30 Sep 2015 21:23
Operator : UM/IZ
Sample : G3798-13RX
Misc :
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Instrument : BNA_M
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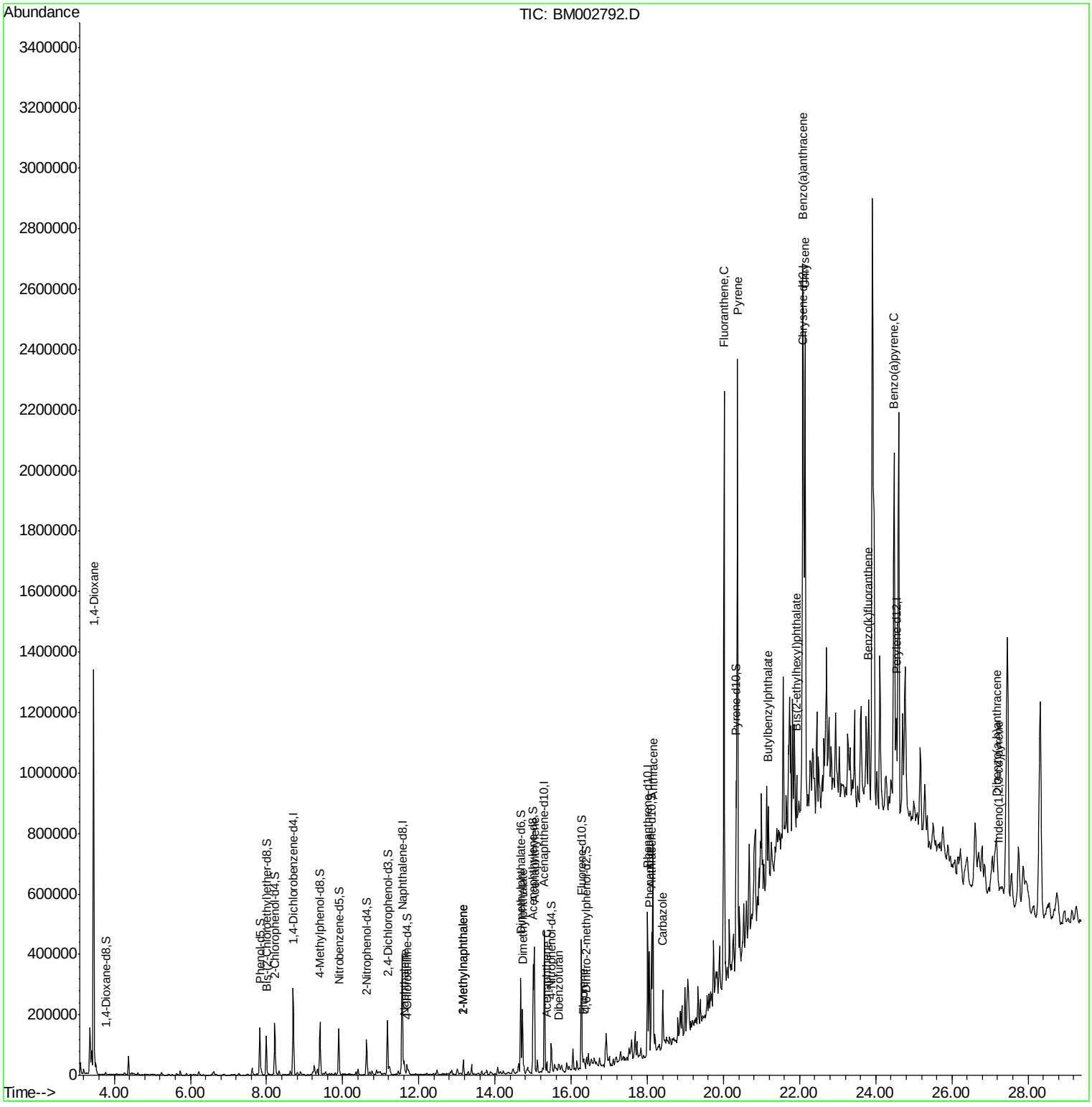
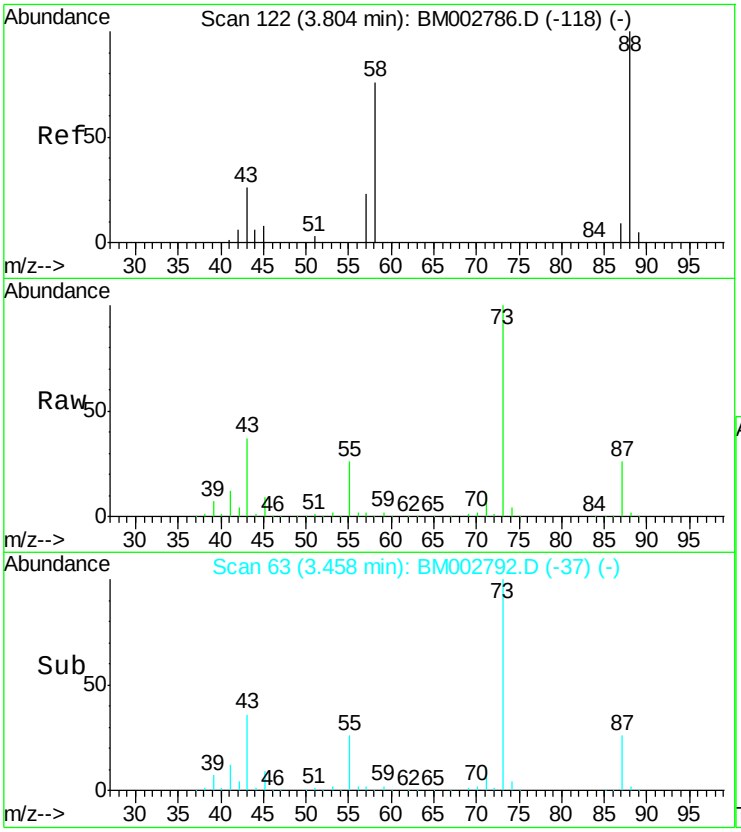
Quant Time: Oct 01 07:09:08 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 01 07:01:42 2015
Response via : Initial Calibration



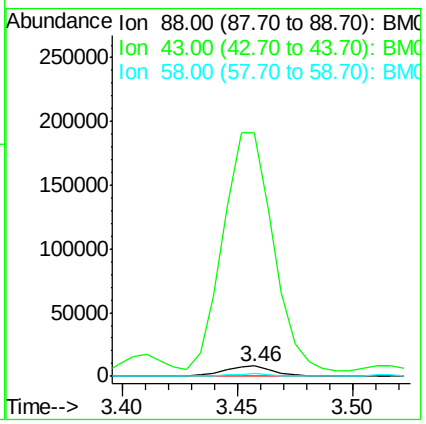


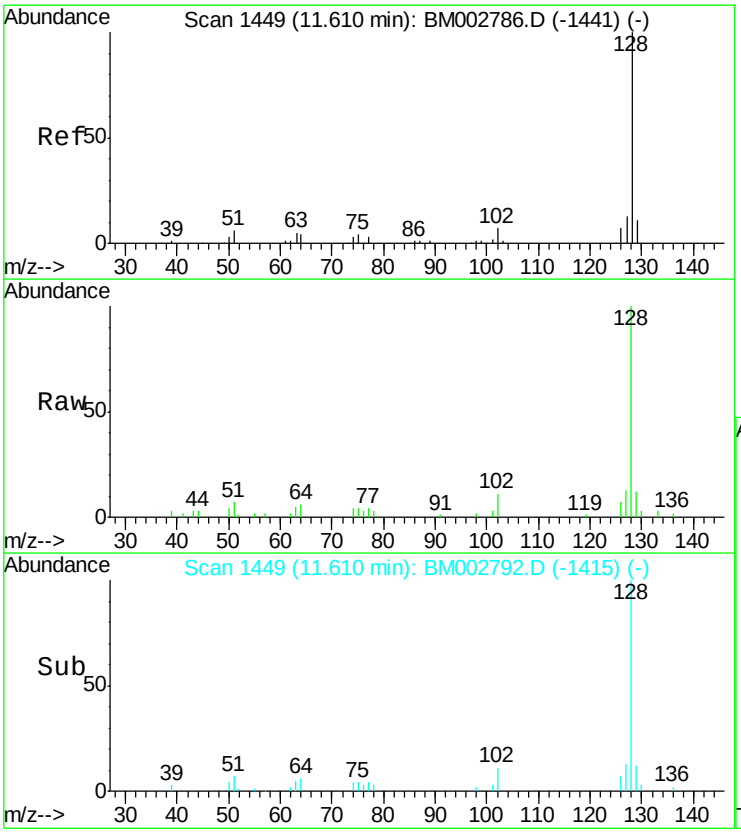
#2
1,4-Dioxane
Concen: 5.71 ng/uL
RT: 3.46 min Scan# 63
Delta R.T. -0.35 min
Lab File: BM002792.D
Acq: 30 Sep 2015 21:23

Instrument :
BNA_M
ClientSampleId :
D9G67

Tgt Ion: 88 Resp: 12103

Ion	Ratio	Lower	Upper
88	100		
43	2431.5	26.2	39.4#
58	21.5	58.5	87.7#

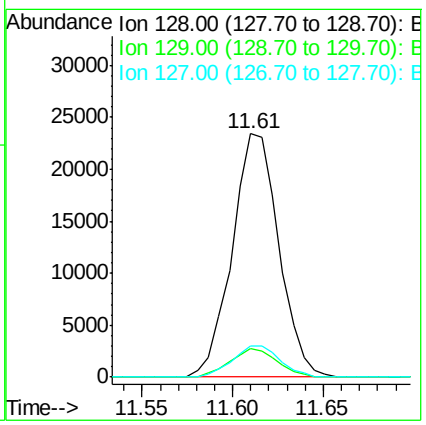


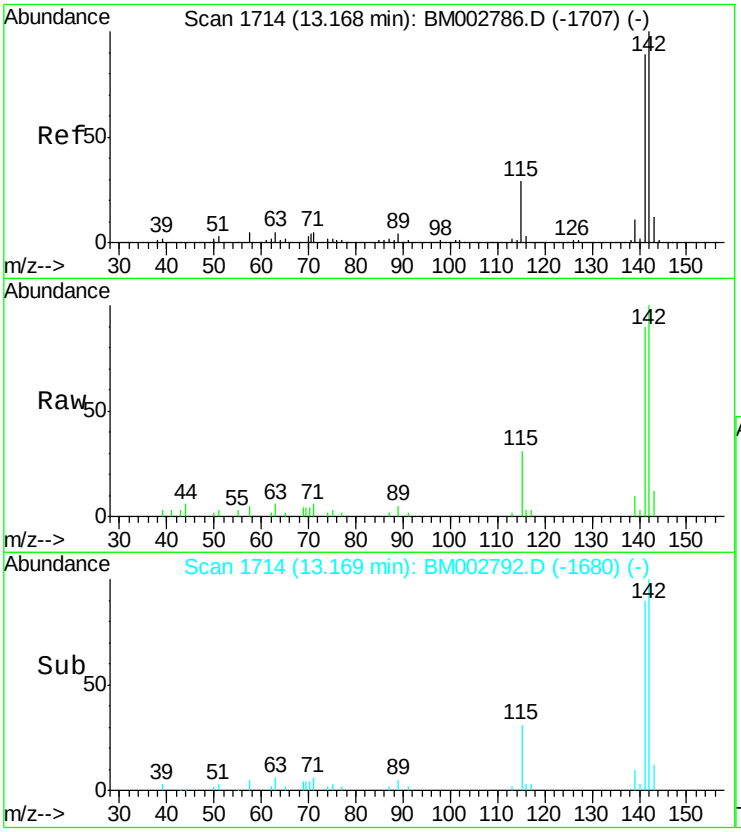


#28
Naphthalene
Concen: 2.26 ng/ul
RT: 11.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BM002792.D
Acq: 30 Sep 2015 21:23

Tgt Ion:128 Resp: 41947

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.7	13.1
127	13.0	9.9	14.9



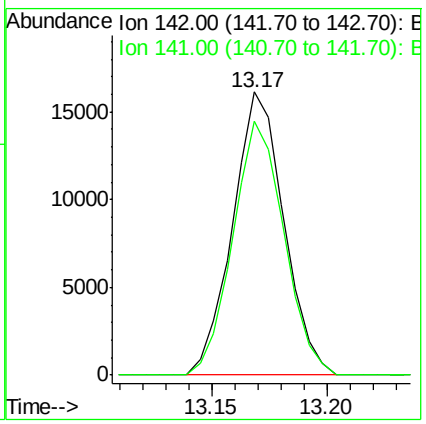


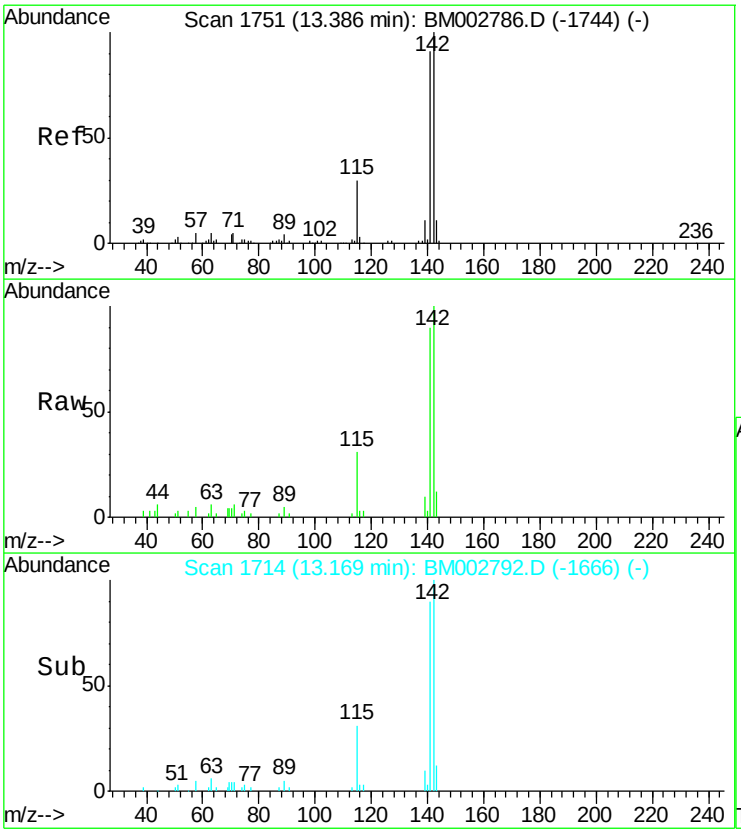
#34
2-Methylnaphthalene
Concen: 1.94 ng/ul
RT: 13.17 min Scan# 1714
Delta R.T. 0.00 min
Lab File: BM002792.D
Acq: 30 Sep 2015 21:23

Instrument :
BNA_M
ClientSampleId :
D9G67

Tgt Ion:142 Resp: 24986

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.2	106.8

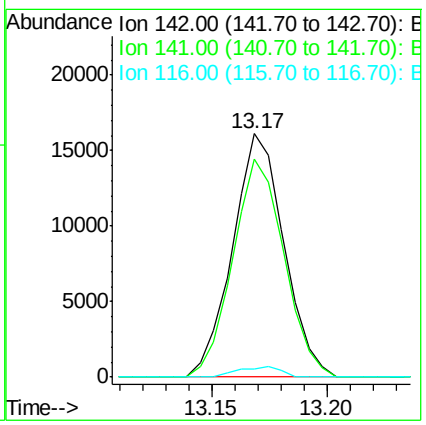


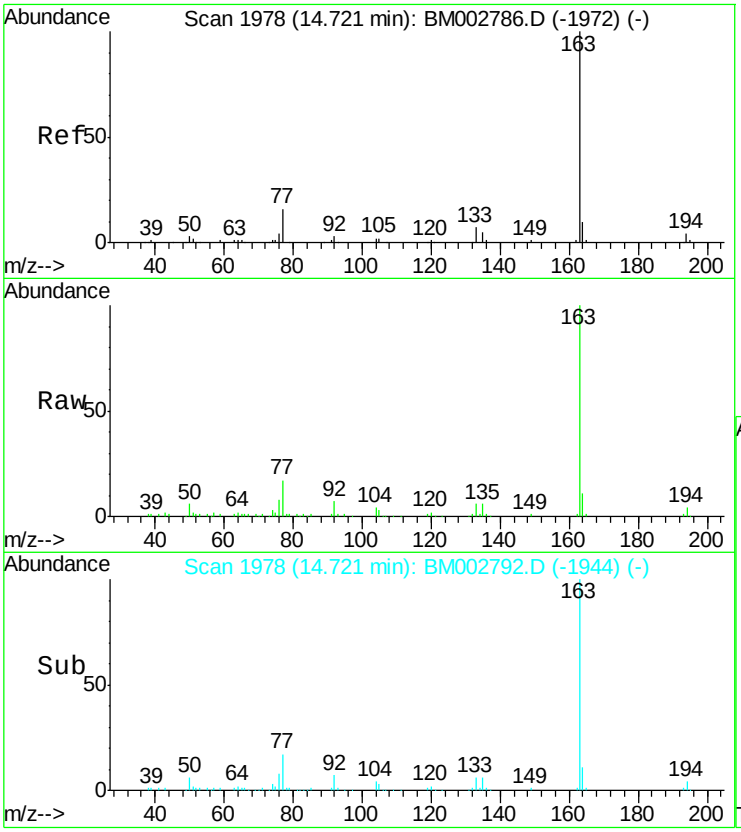


#35
1-Methylnaphthalene
Concen: 1.99 ng/ul
RT: 13.17 min Scan# 1714
Delta R.T. -0.22 min
Lab File: BM002792.D
Acq: 30 Sep 2015 21:23

Tgt Ion:142 Resp: 24986

Ion	Ratio	Lower	Upper
142	100		
141	89.7	74.4	111.6
116	3.2	2.6	4.0



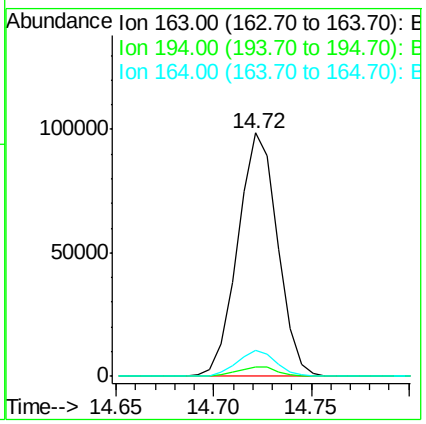


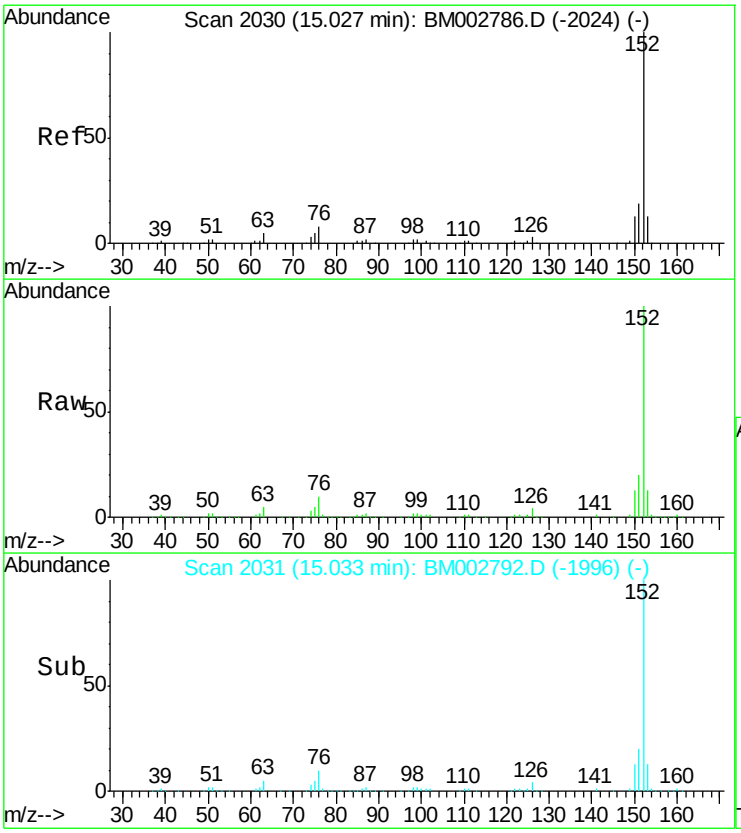
#45
Dimethylphthalate
Concen: 11.24 ng/ul
RT: 14.72 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BM002792.D
Acq: 30 Sep 2015 21:23

Instrument :
BNA_M
ClientSampleId :
D9G67

Tgt Ion:163 Resp: 139139

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.6	8.1	12.1

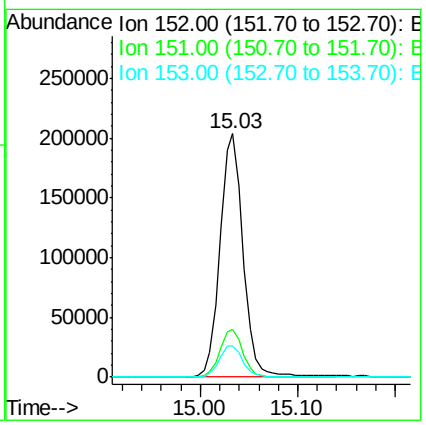


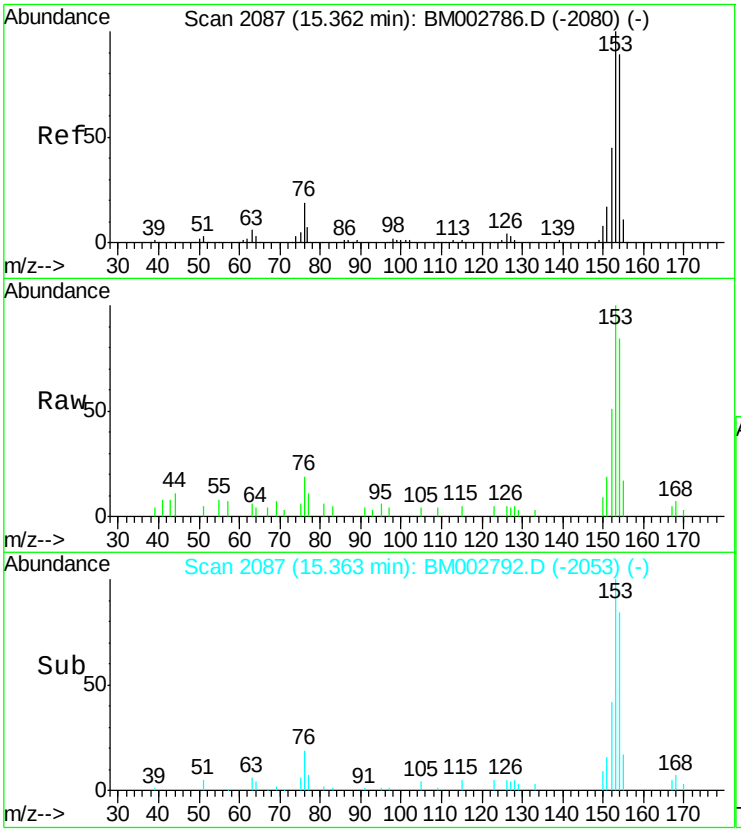


#48
Acenaphthylene
Concen: 19.46 ng/ul
RT: 15.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BM002792.D
Acq: 30 Sep 2015 21:23

Tgt Ion:152 Resp: 333508

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.6	23.4
153	13.0	10.4	15.6



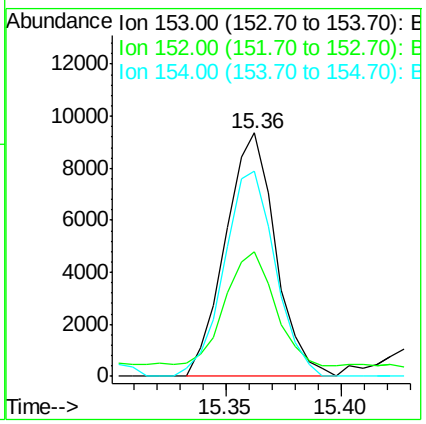


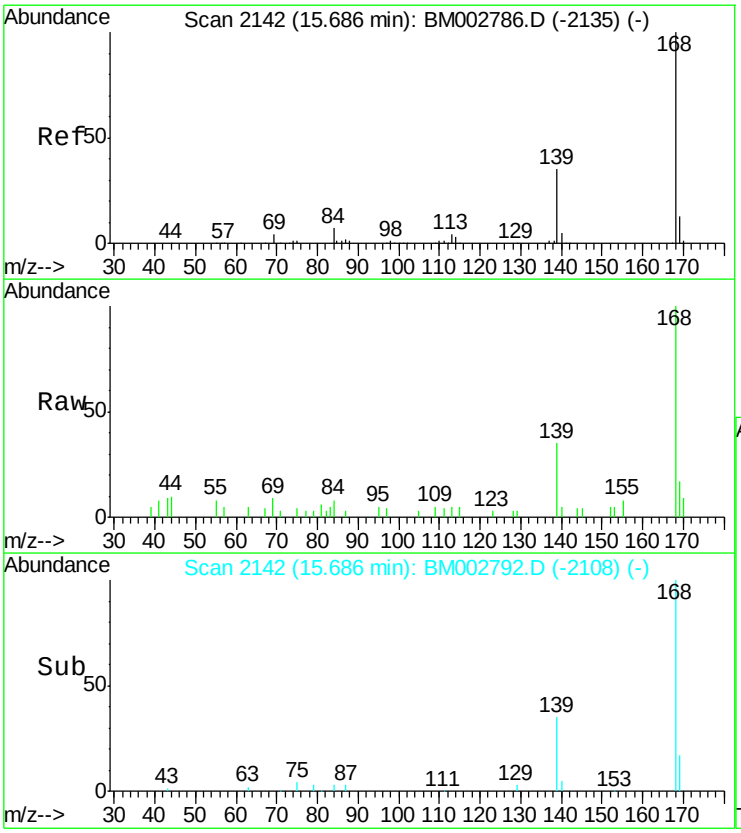
#50
Acenaphthene
Concen: 1.25 ng/ul
RT: 15.36 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BM002792.D
Acq: 30 Sep 2015 21:23

Instrument :
BNA_M
ClientSampleId :
D9G67

Tgt Ion:153 Resp: 14160

Ion	Ratio	Lower	Upper
153	100		
152	51.4	37.2	55.8
154	84.2	71.9	107.9

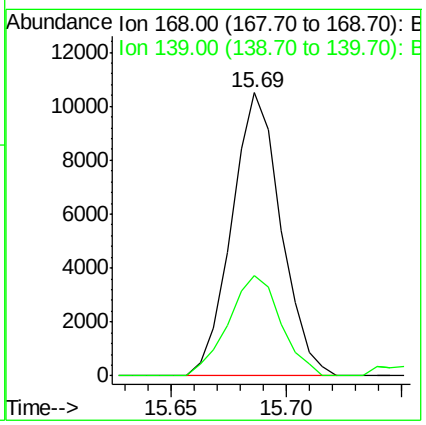


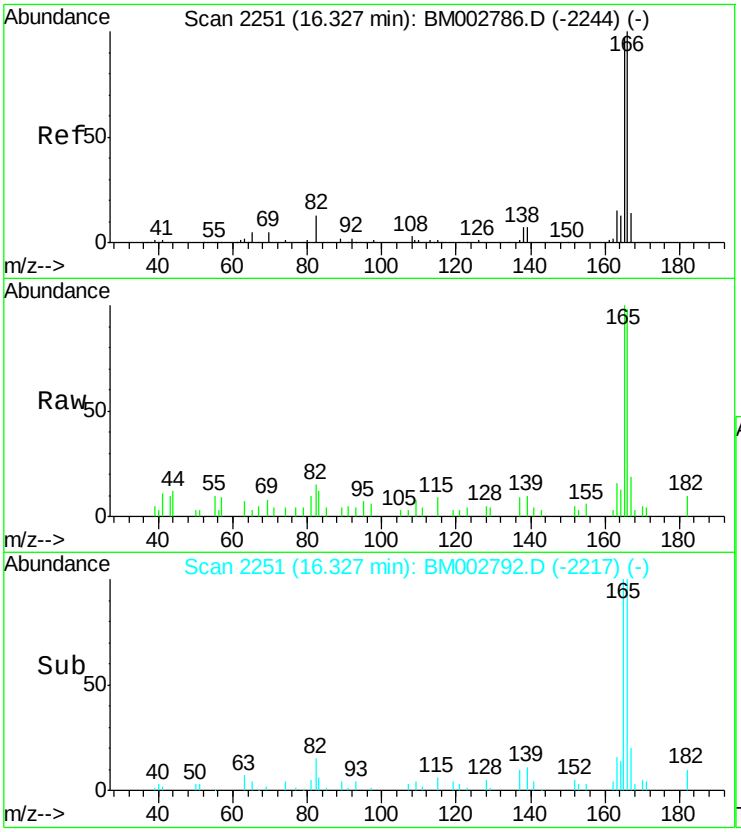


#54
Dibenzofuran
Concen: 1.02 ng/ul
RT: 15.69 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BM002792.D
Acq: 30 Sep 2015 21:23

Tgt Ion:168 Resp: 15592

Ion	Ratio	Lower	Upper
168	100		
139	35.5	28.7	43.1



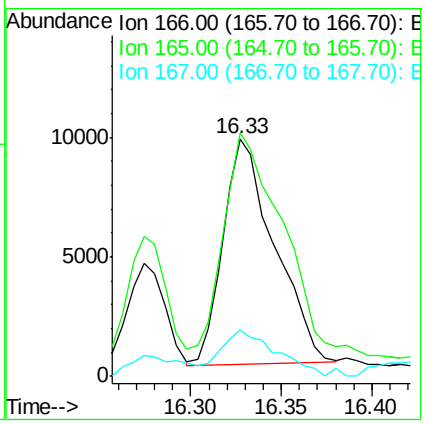


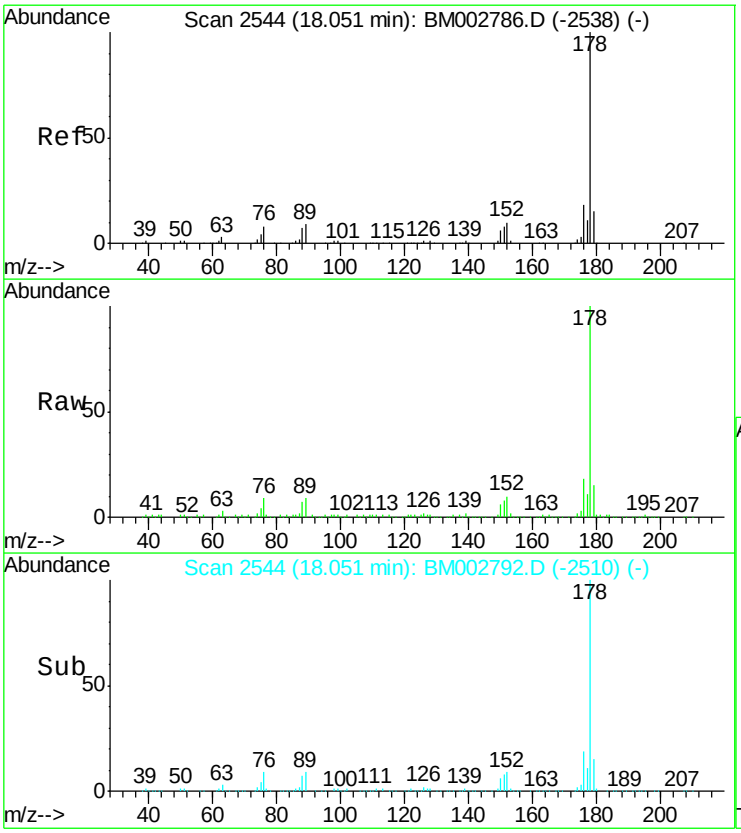
#59
Fluorene
Concen: 1.48 ng/ul
RT: 16.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BM002792.D
Acq: 30 Sep 2015 21:23

Instrument :
BNA_M
ClientSampleId :
D9G67

Tgt Ion:166 Resp: 18609

Ion	Ratio	Lower	Upper
166	100		
165	102.4	78.0	117.0
167	19.6	10.6	16.0#

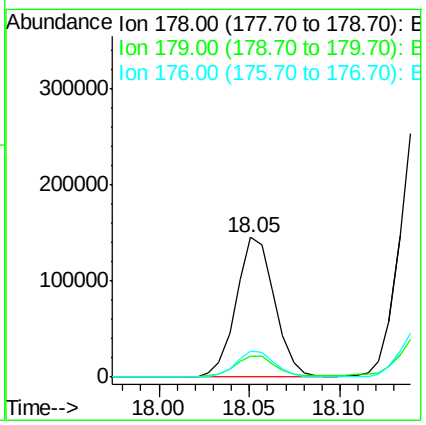


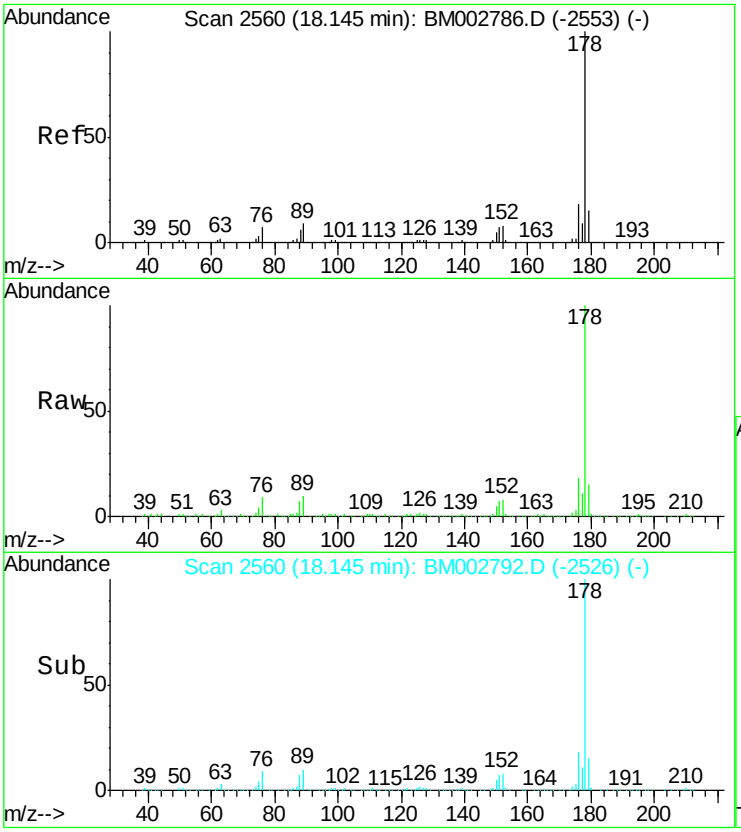


#70
Phenanthrene
Concen: 13.00 ng/ul
RT: 18.05 min Scan# 2544
Delta R.T. 0.00 min
Lab File: BM002792.D
Acq: 30 Sep 2015 21:23

Tgt Ion:178 Resp: 211322

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.0	18.0
176	18.5	14.6	22.0



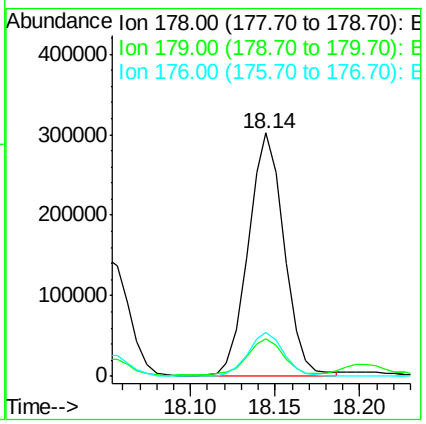


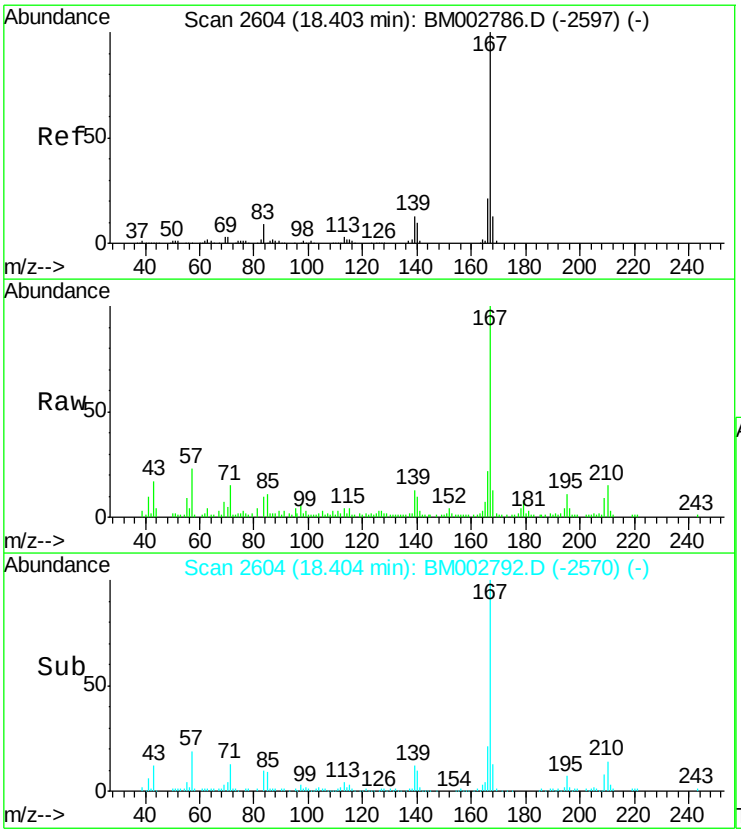
#72
Anthracene
Concen: 26.78 ng/ul
RT: 18.14 min Scan# 2560
Delta R.T. 0.00 min
Lab File: BM002792.D
Acq: 30 Sep 2015 21:23

Instrument :
BNA_M
ClientSampleId :
D9G67

Tgt Ion:178 Resp: 443040

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.9	17.9
176	18.1	14.4	21.6

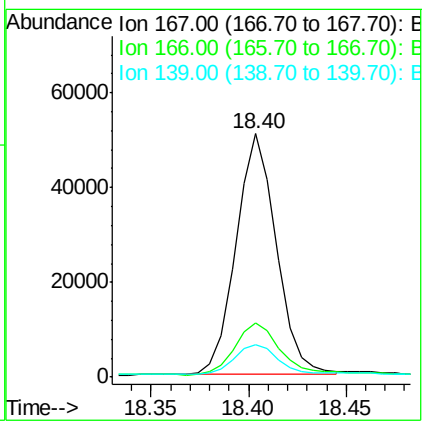


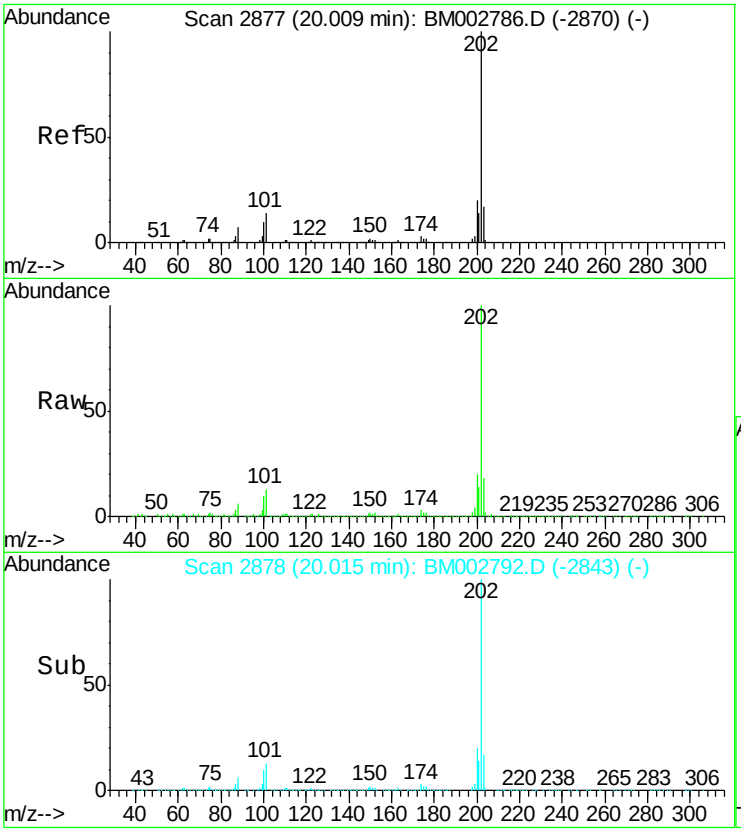


#75
Carbazole
Concen: 5.04 ng/ul
RT: 18.40 min Scan# 2604
Delta R.T. 0.00 min
Lab File: BM002792.D
Acq: 30 Sep 2015 21:23

Tgt Ion:167 Resp: 72743

Ion	Ratio	Lower	Upper
167	100		
166	22.2	16.8	25.2
139	13.1	10.1	15.1



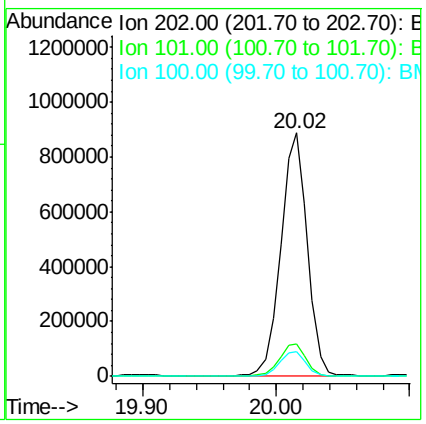


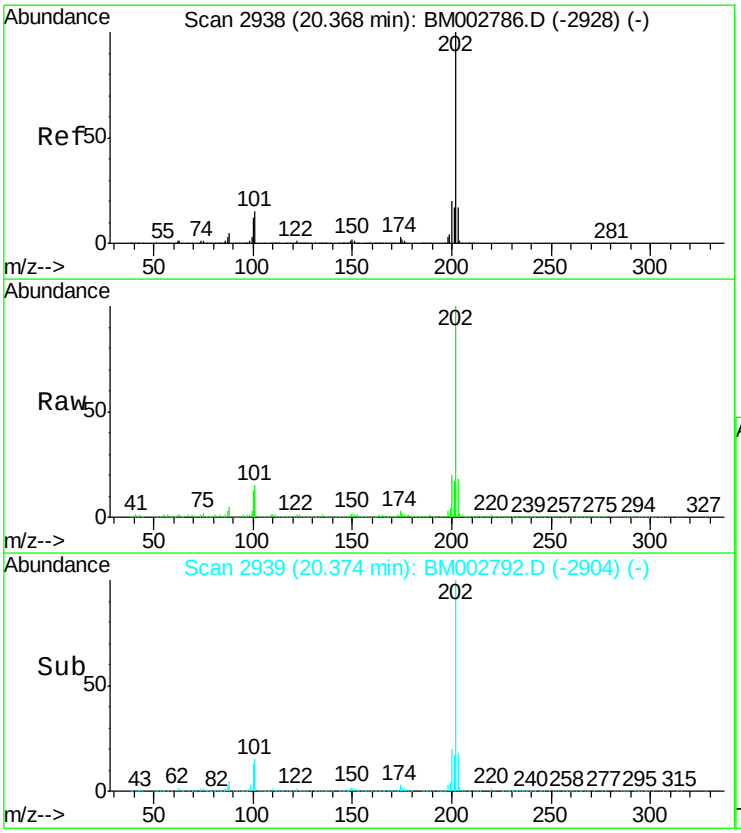
#77
Fluoranthene
Concen: 72.65 ng/ul
RT: 20.02 min Scan# 2878
Delta R.T. 0.01 min
Lab File: BM002792.D
Acq: 30 Sep 2015 21:23

Instrument :
BNA_M
ClientSampleId :
D9G67

Tgt Ion:202 Resp: 1219307

Ion	Ratio	Lower	Upper
202	100		
101	13.2	11.0	16.4
100	10.1	8.3	12.5

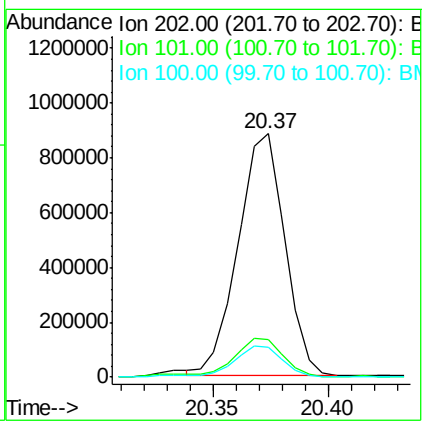


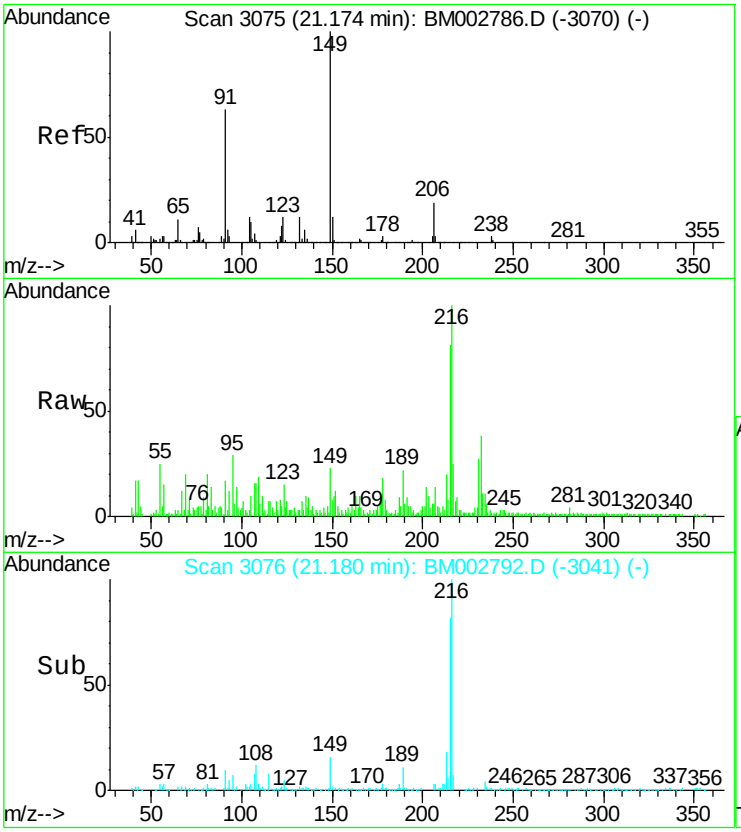


#80
Pyrene
Concen: 72.37 ng/ul
RT: 20.37 min Scan# 2939
Delta R.T. 0.01 min
Lab File: BM002792.D
Acq: 30 Sep 2015 21:23

Tgt Ion:202 Resp: 1246183

Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.1	18.1
100	12.5	10.2	15.4



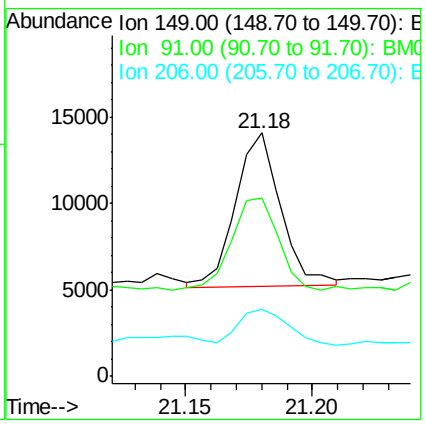


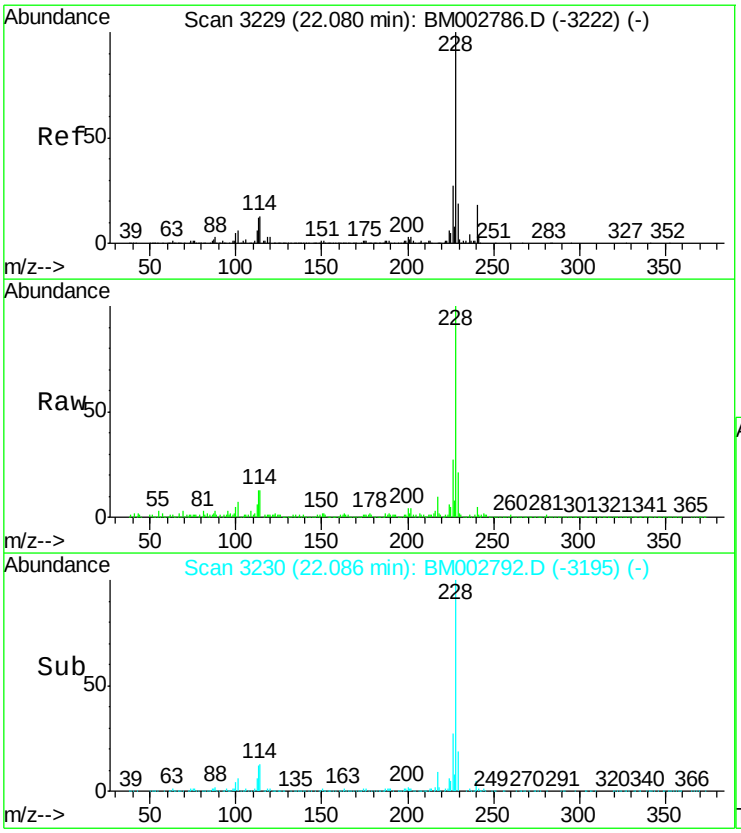
#81
Butylbenzylphthalate
Concen: 1.42 ng/ul
RT: 21.18 min Scan# 3076
Delta R.T. 0.01 min
Lab File: BM002792.D
Acq: 30 Sep 2015 21:23

Instrument :
BNA_M
ClientSampleId :
D9G67

Tgt Ion:149 Resp: 11039

Ion	Ratio	Lower	Upper
149	100		
91	73.2	49.0	73.6
206	27.5	16.0	24.0#

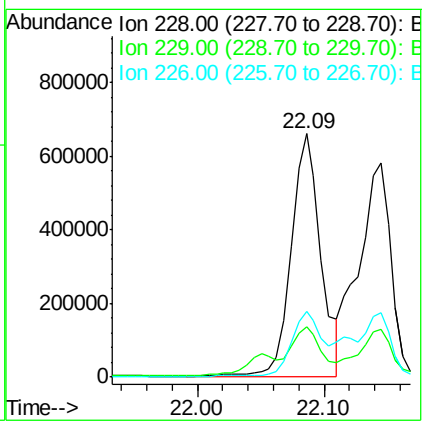


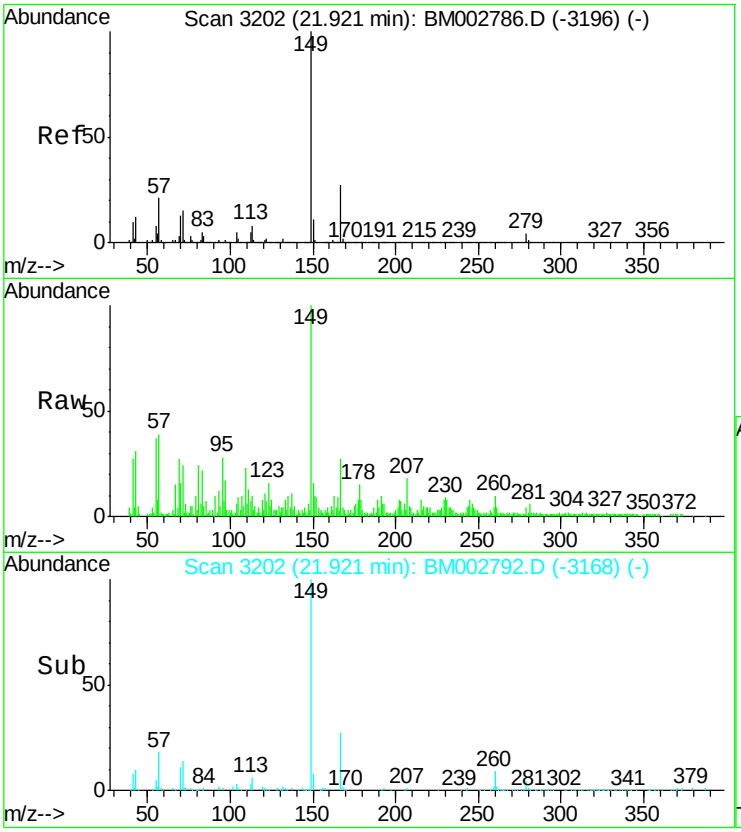


#83
Benzo(a)anthracene
Concen: 66.48 ng/ul
RT: 22.09 min Scan# 3230
Delta R.T. 0.01 min
Lab File: BM002792.D
Acq: 30 Sep 2015 21:23

Tgt Ion:228 Resp: 1071361

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.1	24.1
226	27.1	20.9	31.3



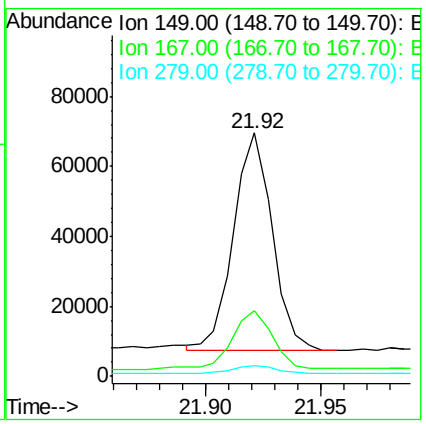


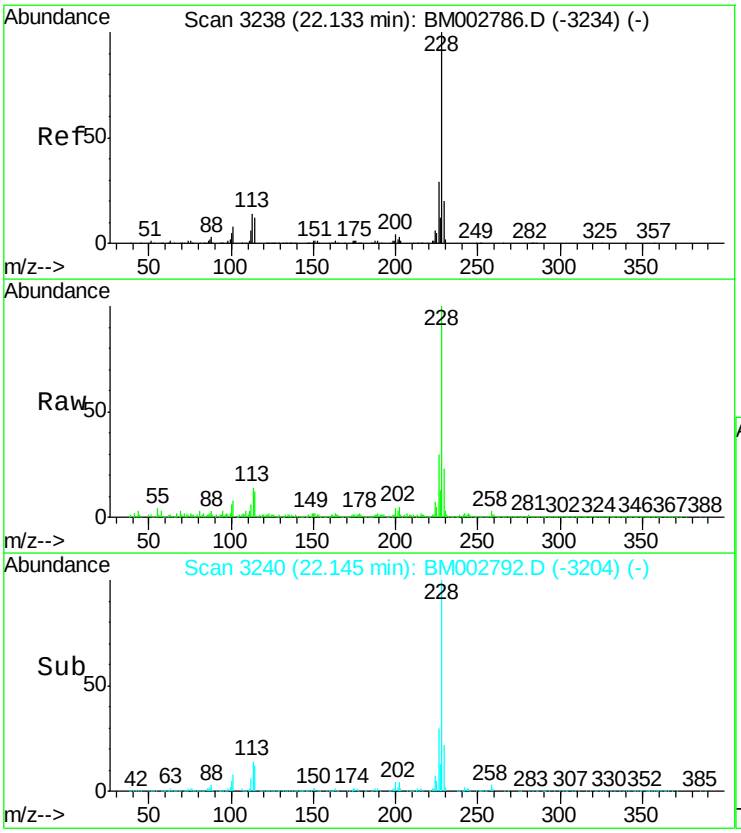
#84
Bis(2-ethylhexyl)phthalate
Concen: 6.30 ng/ul
RT: 21.92 min Scan# 3202
Delta R.T. 0.00 min
Lab File: BM002792.D
Acq: 30 Sep 2015 21:23

Instrument :
BNA_M
ClientSampleId :
D9G67

Tgt Ion:149 Resp: 73406

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.7	32.5
279	4.4	3.0	4.6

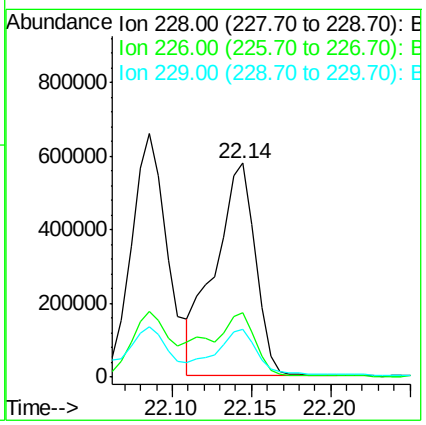


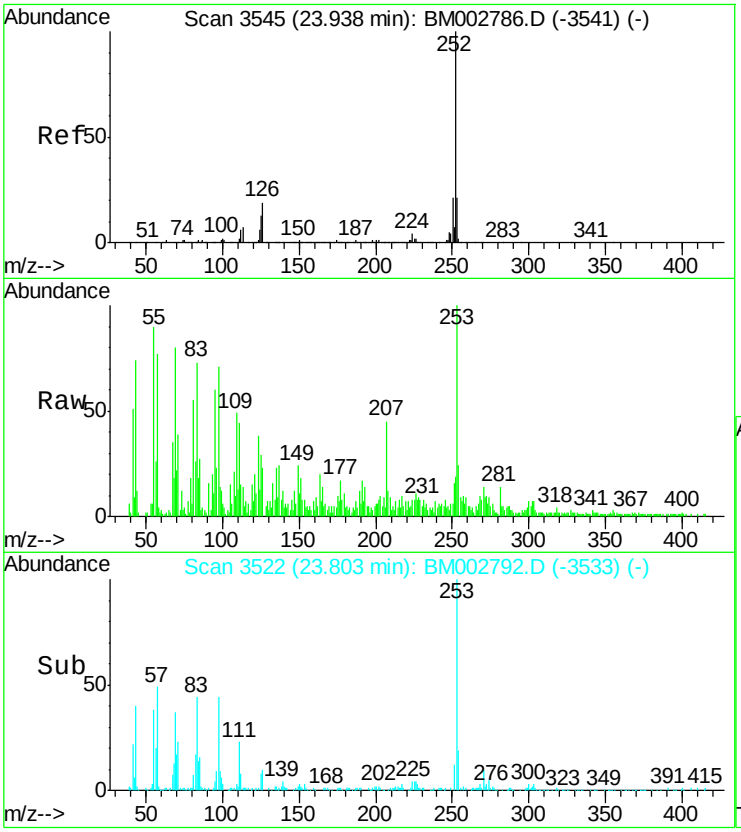


#85
Chrysene
Concen: 67.47 ng/ul
RT: 22.14 min Scan# 3240
Delta R.T. 0.01 min
Lab File: BM002792.D
Acq: 30 Sep 2015 21:23

Tgt Ion:228 Resp: 1025652

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.4	33.6
229	22.6	15.4	23.2



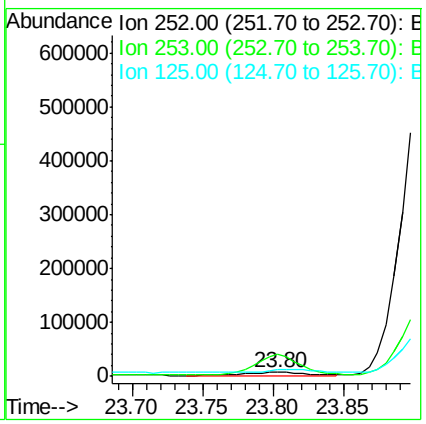


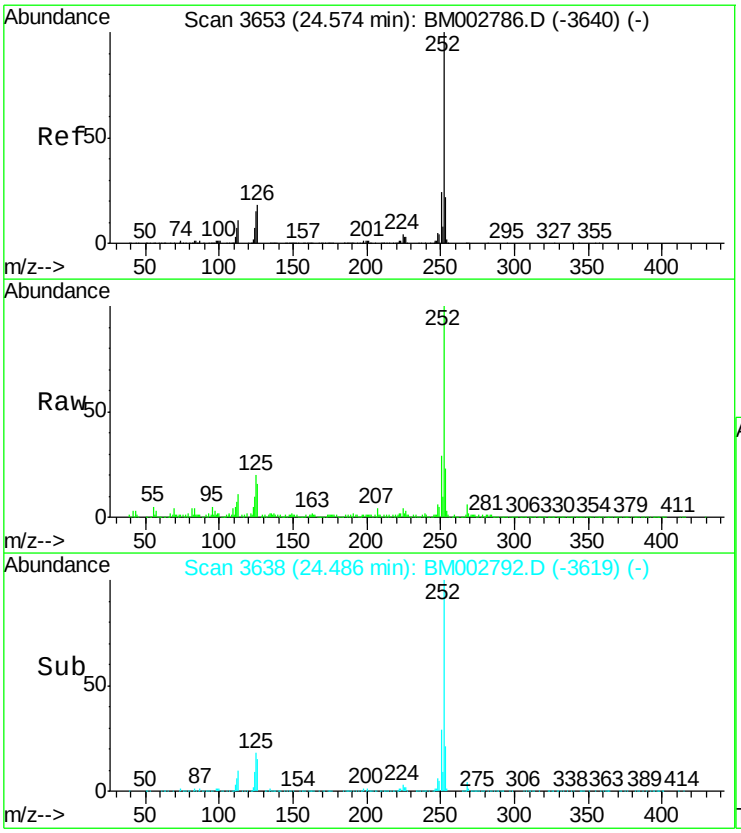
#89
Benzo(k)fluoranthene
Concen: 1.23 ng/ul
RT: 23.80 min Scan# 3522
Delta R.T. -0.14 min
Lab File: BM002792.D
Acq: 30 Sep 2015 21:23

Instrument :
BNA_M
ClientSampleId :
D9G67

Tgt Ion:252 Resp: 17313

Ion	Ratio	Lower	Upper
252	100		
253	524.1	17.3	25.9#
125	150.8	10.0	15.0#

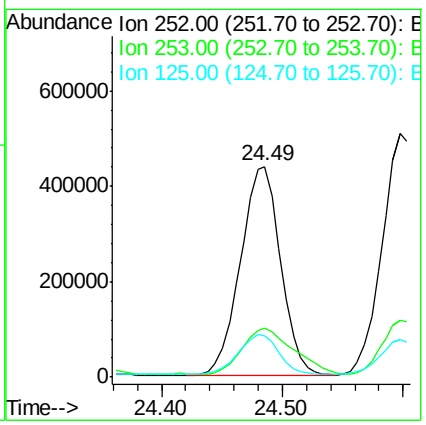


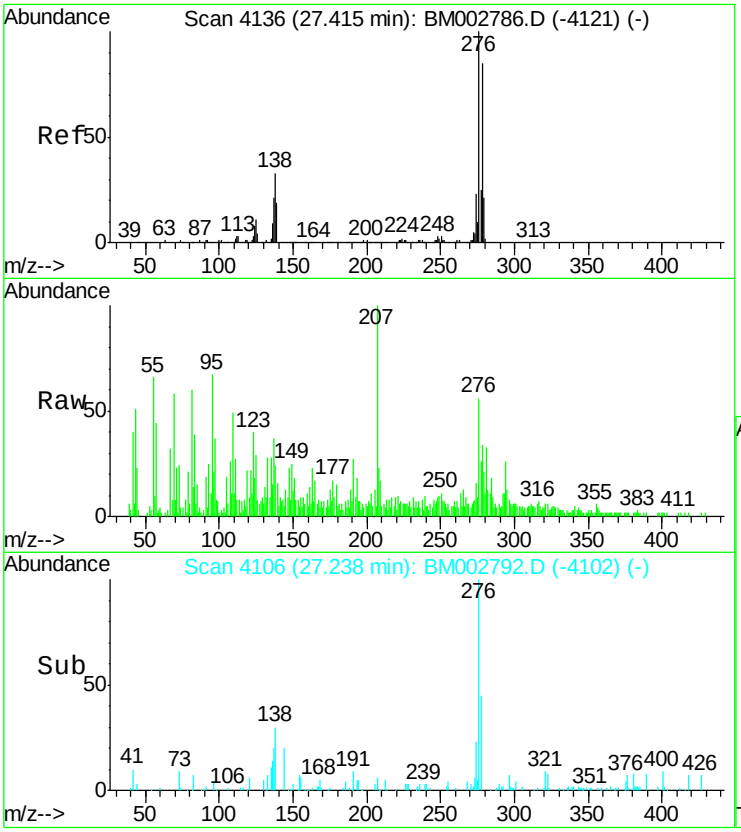


#91
Benzo(a)pyrene
Concen: 71.14 ng/ul
RT: 24.49 min Scan# 3638
Delta R.T. -0.09 min
Lab File: BM002792.D
Acq: 30 Sep 2015 21:23

Tgt Ion:252 Resp: 1015045

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	19.9	11.4	17.2#



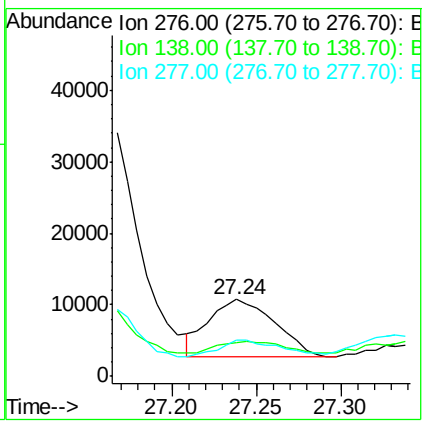


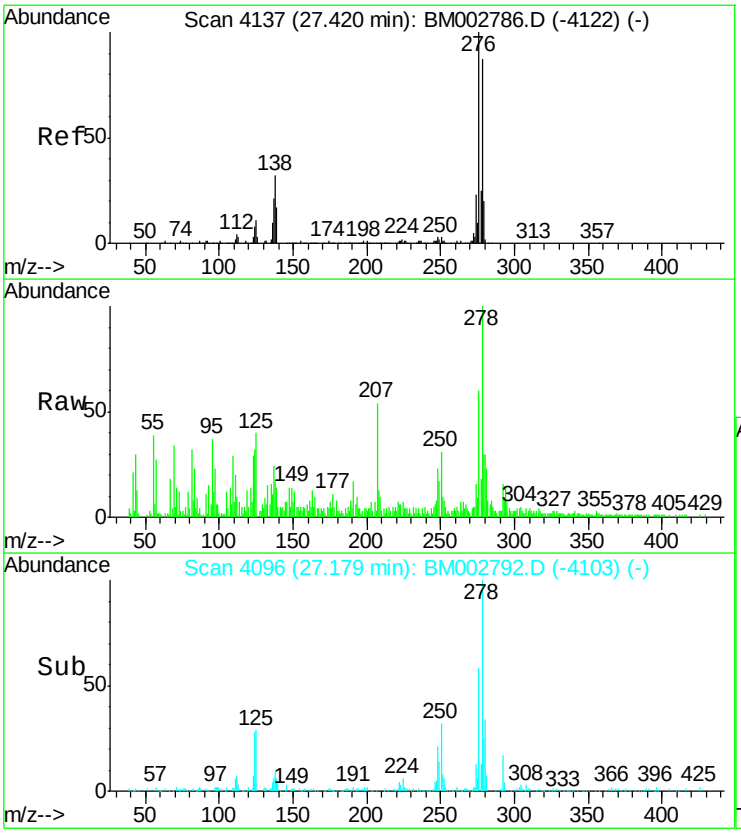
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.30 ng/ul
RT: 27.24 min Scan# 4106
Delta R.T. -0.18 min
Lab File: BM002792.D
Acq: 30 Sep 2015 21:23

Instrument :
BNA_M
ClientSampleId :
D9G67

Tgt Ion:276 Resp: 21630

Ion	Ratio	Lower	Upper
276	100		
138	43.6	27.7	41.5#
277	47.2	20.2	30.4#





#93
Dibenzo(a,h)anthracene
Concen: 7.39 ng/ul
RT: 27.18 min Scan# 4096
Delta R.T. -0.24 min
Lab File: BM002792.D
Acq: 30 Sep 2015 21:23

Tgt Ion:278 Resp: 103932

Ion	Ratio	Lower	Upper
278	100		
139	14.2	17.0	25.6#
279	29.8	19.0	28.6#