Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002140.D
Acq On : 30 Jul 2015 17:19
Operator : TP/UM
Sample : G3048-10RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01X4RE

Quant Time: Jul 31 01:30:15 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 31 01:27:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	149373	20.00	ng/ul	0.01
18) Naphthalene-d8	10.39	136	634237	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.27	164	376881	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.02	188	739854	20.00	ng/ul	0.02
78) Chrysene-d12	21.23	240	714754	20.00	ng/ul	0.02
86) Perylene-d12	23.44	264	695032	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	4865	1.69	ng/uL	0.00
5) Phenol-d5	6.79	99	107868	10.10	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.93	67	67115	11.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	99823	11.03	ng/ul	0.01
13) 4-Methylphenol-d8	8.32	113	47085	5.55	ng/ul	0.02
19) Nitrobenzene-d5	8.76	128	51494	11.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	50290	10.04	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.02	165	94988	9.85	ng/ul	0.02
29) 4-Chloroaniline-d4	10.53	131	39328	3.71	ng/ul	0.01
44) Dimethylphthalate-d6	13.68	166	315558	11.43	ng/ul	0.01
47) Acenaphthylene-d8	13.96	160	334714	9.70	ng/ul	0.01
52) 4-Nitrophenol-d4	14.51	143	23749	5.15	ng/ul	0.04
58) Fluorene-d10	15.26	176	234462	9.65	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.41	200	2155	0.48	ng/ul	0.02
71) Anthracene-d10	17.12	188	312874	9.47	ng/ul	0.02
79) Pyrene-d10	19.43	212	308341	10.25	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.30	264	297357	8.83	ng/ul	0.04
Target Compounds						Qvalue
14) Acetophenone	8.42	105	18095	1.35	ng/ul	95
28) Naphthalene	10.44	128	140242	4.65	ng/ul#	85
34) 2-Methylnaphthalene	12.06	142	430295	19.63	ng/ul	98
35) 1-Methylnaphthalene	12.29	142	380710	18.06	ng/ul	99
41) 1,1'-Biphenyl	13.09	154	39293	1.35	ng/ul	99
45) Dimethylphthalate	13.72	163	151177	5.48	ng/ul	98
50) Acenaphthene	14.33	153	50756	2.17	ng/ul	97
54) Dibenzofuran	14.67	168	43978	1.31	ng/ul#	84
59) Fluorene	15.32	166	66920	2.42	ng/ul#	95
70) Phenanthrene	17.06	178	473559	12.36	ng/ul	98
72) Anthracene	17.06	178	473559	12.09	ng/ul	97
77) Fluoranthene	19.09	202	808837	18.28	ng/ul	99
80) Pyrene	19.46	202	671087	17.25	ng/ul	98
83) Benzo(a)anthracene	21.21	228	327121	8.26	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.13	149	552347	24.29	ng/ul	99
85) Chrysene	21.21	228	327180	8.83	ng/ul	96
88) Benzo(b)fluoranthene	22.78	252	395338	10.12	ng/ul#	89
91) Benzo(a)pyrene	23.34	252	225360	5.98	ng/ul#	85
92) Indeno(1,2,3-cd)pyrene	25.67	276	176629	4.07	ng/ul	98
93) Dibenzo(a,h)anthracene	25.67	278	53088	1.43	ng/ul#	62
94) Benzo(g,h,i)perylene	26.36	276	177676	4.88	ng/ul	93

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002140.D
Acq On : 30 Jul 2015 17:19
Operator : TP/UM
Sample : G3048-10RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01X4RE

Quant Time: Jul 31 01:30:15 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 31 01:27:14 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\BM073015\
Data File : BM002140.D
Acq On : 30 Jul 2015 17:19
Operator : TP/UM
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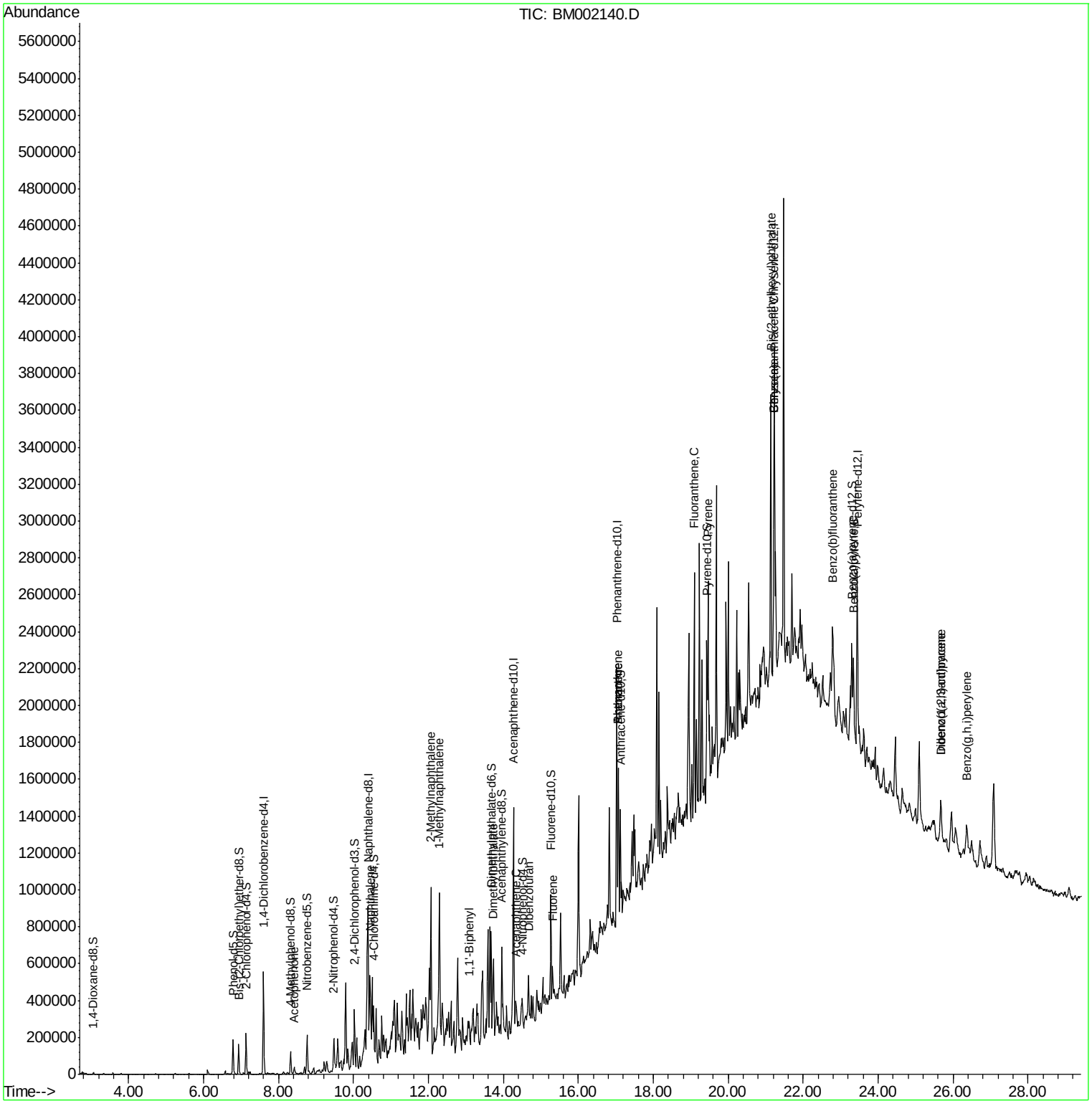
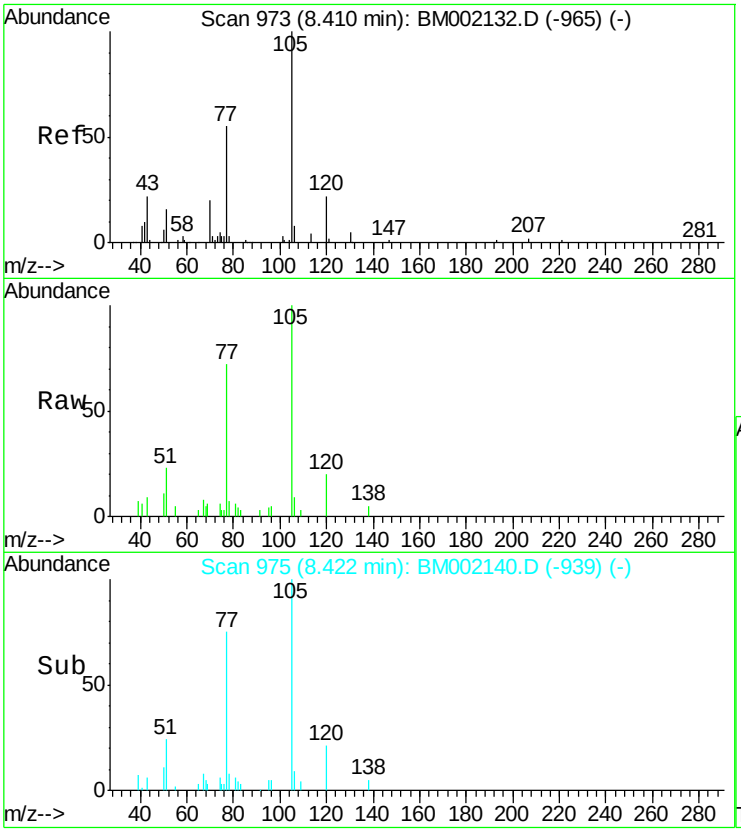
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 31 01:27:14 2015
Response via : Initial Calibration



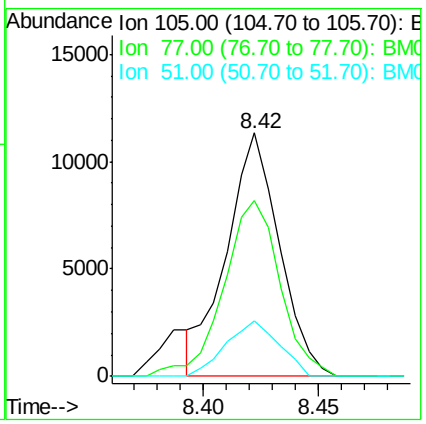


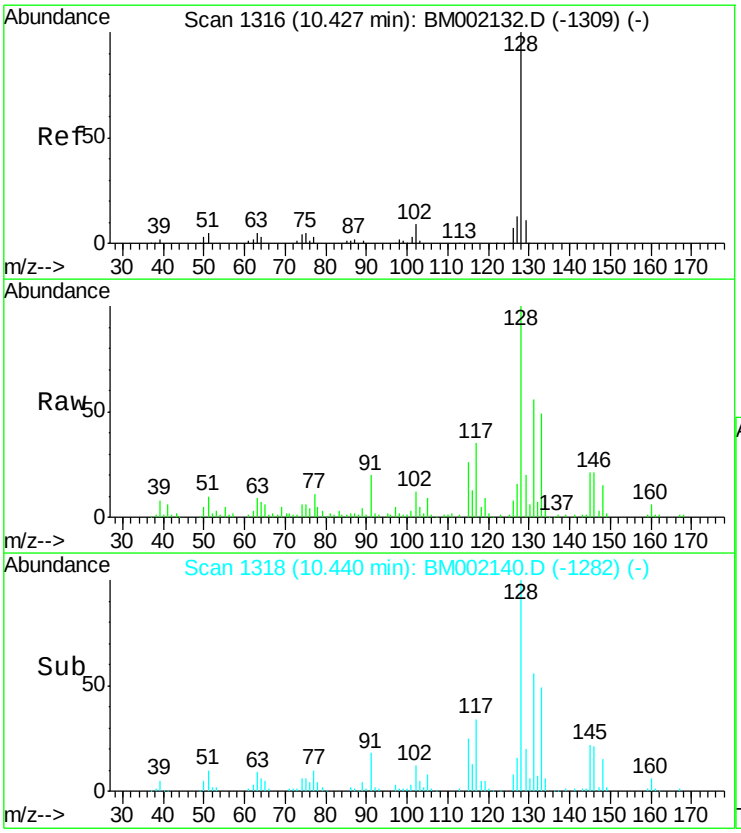
#14
Acetophenone
Concen: 1.35 ng/ul
RT: 8.42 min Scan# 975
Delta R.T. 0.01 min
Lab File: BM002140.D
Acq: 30 Jul 2015 17:19

Instrument :
BNA_M
ClientSampleId :
C01X4RE

Tgt Ion:105 Resp: 18095

Ion	Ratio	Lower	Upper
105	100		
77	72.2	61.8	92.8
51	22.8	18.5	27.7

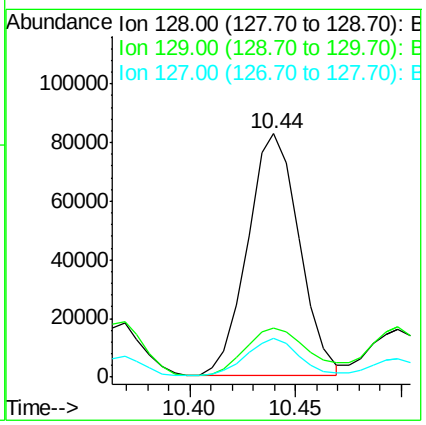


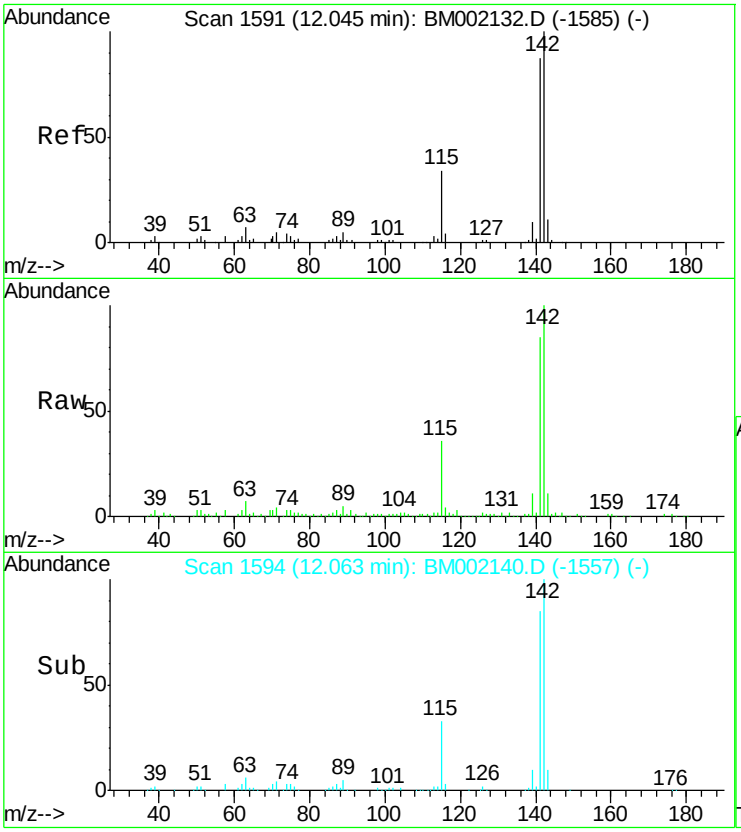


#28
Naphthalene
Concen: 4.65 ng/ul
RT: 10.44 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BM002140.D
Acq: 30 Jul 2015 17:19

Tgt Ion:128 Resp: 140242

Ion	Ratio	Lower	Upper
128	100		
129	20.4	9.0	13.4#
127	16.0	10.2	15.4#



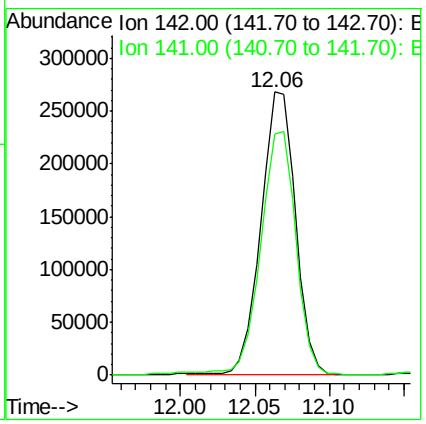


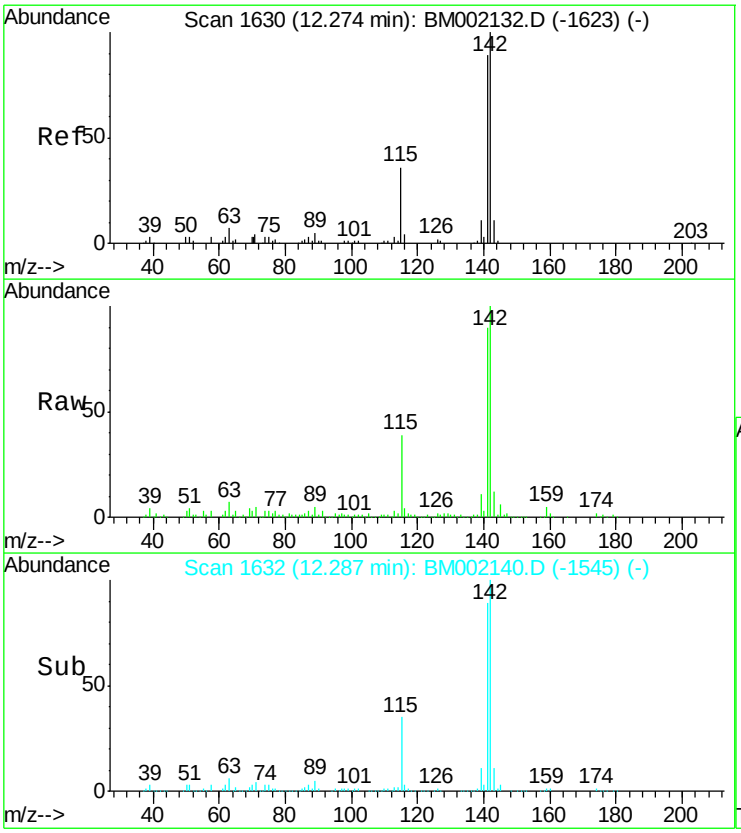
#34
2-Methylnaphthalene
Concen: 19.63 ng/ul
RT: 12.06 min Scan# 1594
Delta R.T. 0.02 min
Lab File: BM002140.D
Acq: 30 Jul 2015 17:19

Instrument :
BNA_M
ClientSampleId :
C01X4RE

Tgt Ion:142 Resp: 430295

Ion	Ratio	Lower	Upper
142	100		
141	85.1	69.8	104.6

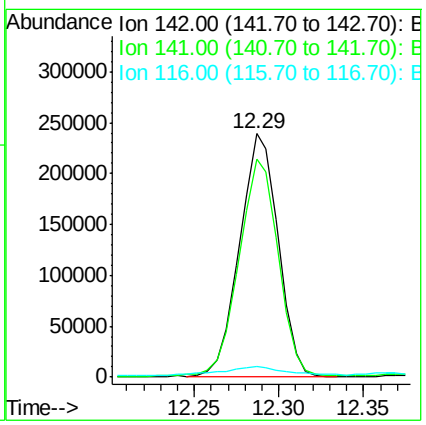


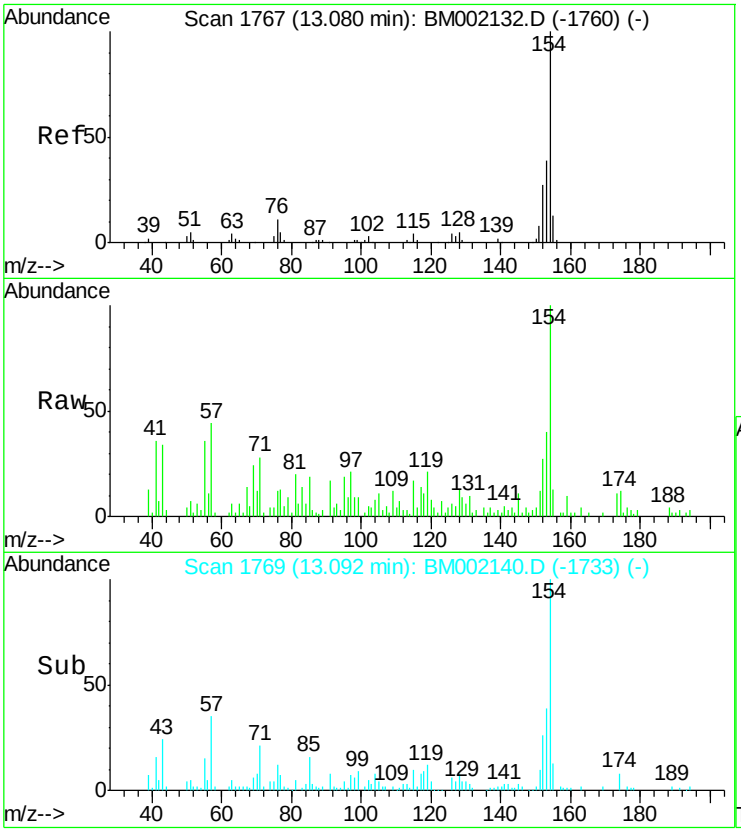


#35
1-Methylnaphthalene
Concen: 18.06 ng/ul
RT: 12.29 min Scan# 1632
Delta R.T. 0.01 min
Lab File: BM002140.D
Acq: 30 Jul 2015 17:19

Tgt Ion:142 Resp: 380710

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.4	108.6
116	4.5	3.2	4.8



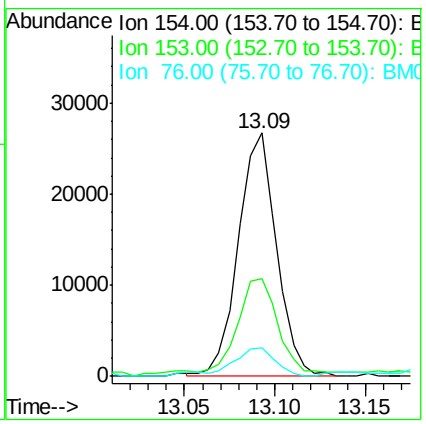


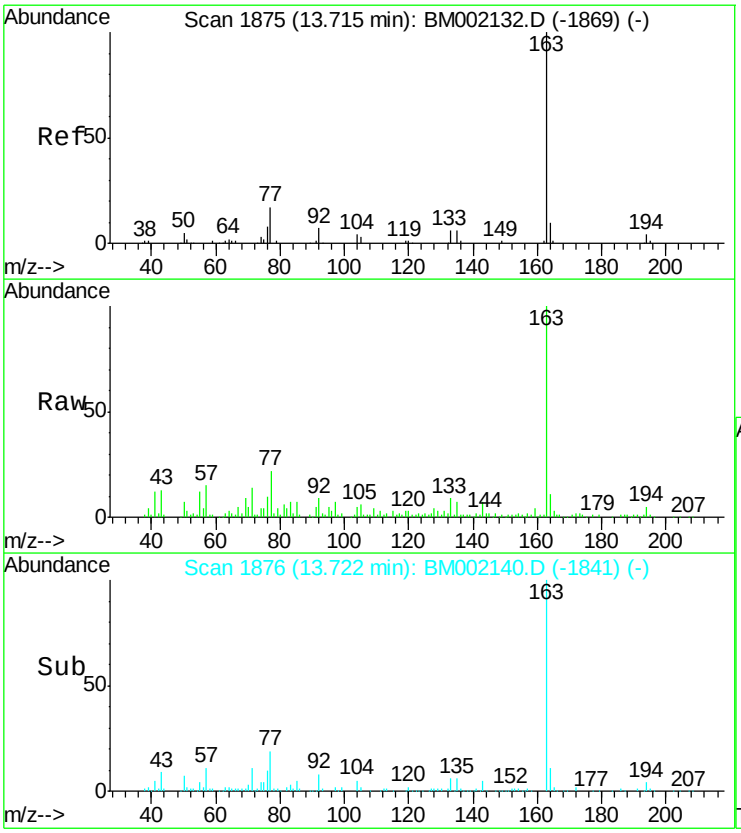
#41
1,1'-Biphenyl
Concen: 1.35 ng/ul
RT: 13.09 min Scan# 1769
Delta R.T. 0.01 min
Lab File: BM002140.D
Acq: 30 Jul 2015 17:19

Instrument :
BNA_M
ClientSampleId :
C01X4RE

Tgt Ion:154 Resp: 39293

Ion	Ratio	Lower	Upper
154	100		
153	40.0	32.5	48.7
76	11.5	8.8	13.2

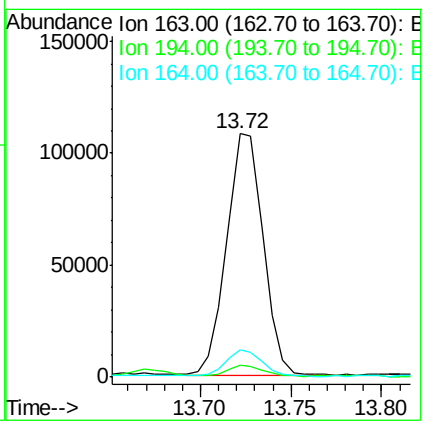


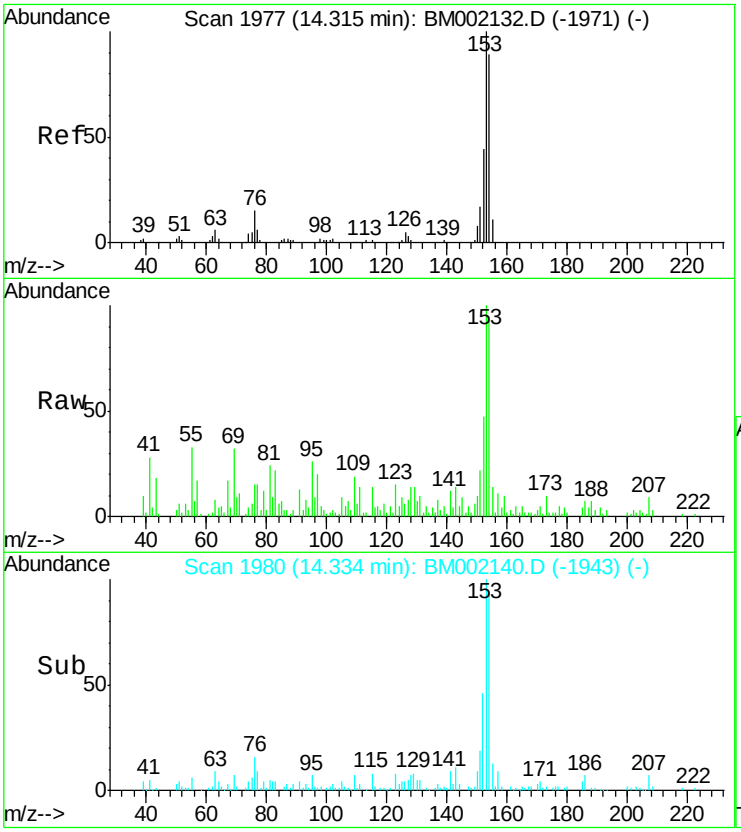


#45
Dimethylphthalate
Concen: 5.48 ng/ul
RT: 13.72 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BM002140.D
Acq: 30 Jul 2015 17:19

Tgt Ion:163 Resp: 151177

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	11.0	8.0	12.0



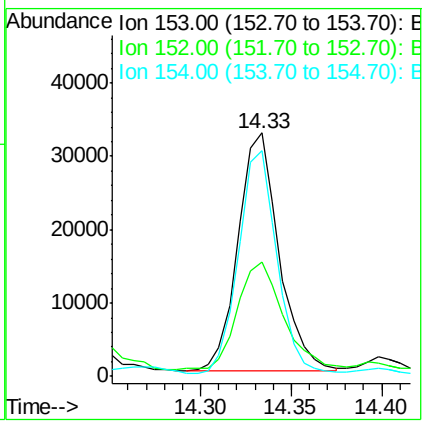


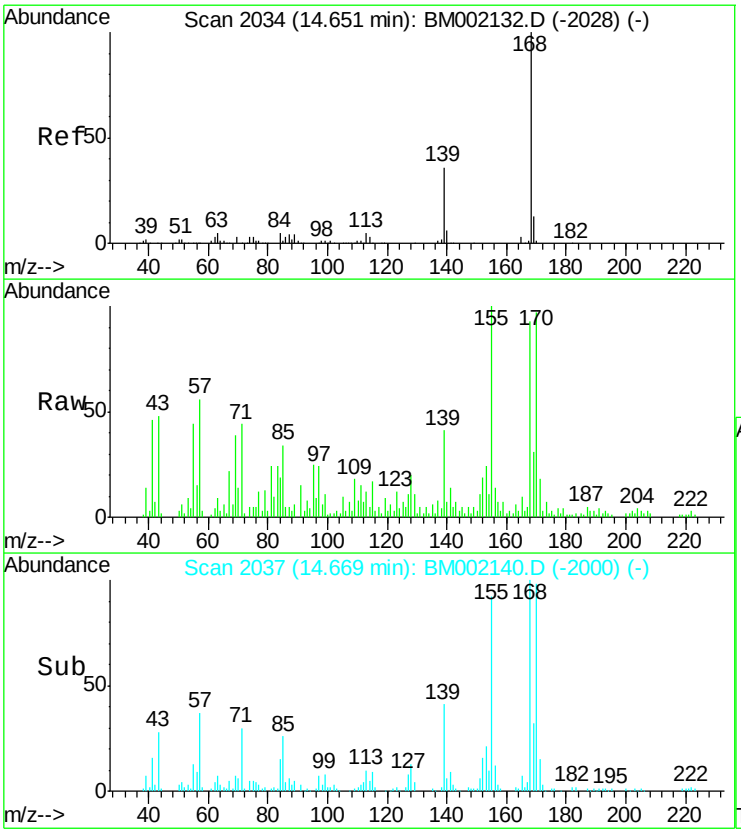
#50
Acenaphthene
Concen: 2.17 ng/ul
RT: 14.33 min Scan# 1980
Delta R.T. 0.02 min
Lab File: BM002140.D
Acq: 30 Jul 2015 17:19

Instrument :
BNA_M
ClientSampleId :
C01X4RE

Tgt Ion:153 Resp: 50756

Ion	Ratio	Lower	Upper
153	100		
152	47.0	37.3	55.9
154	92.9	71.4	107.2

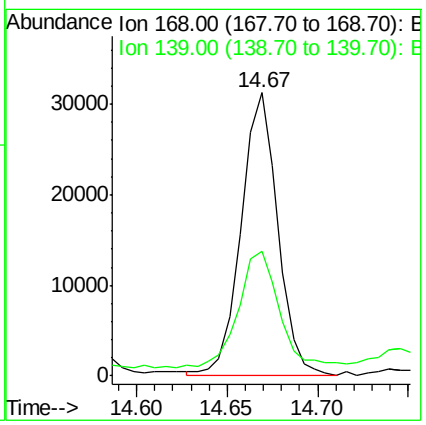


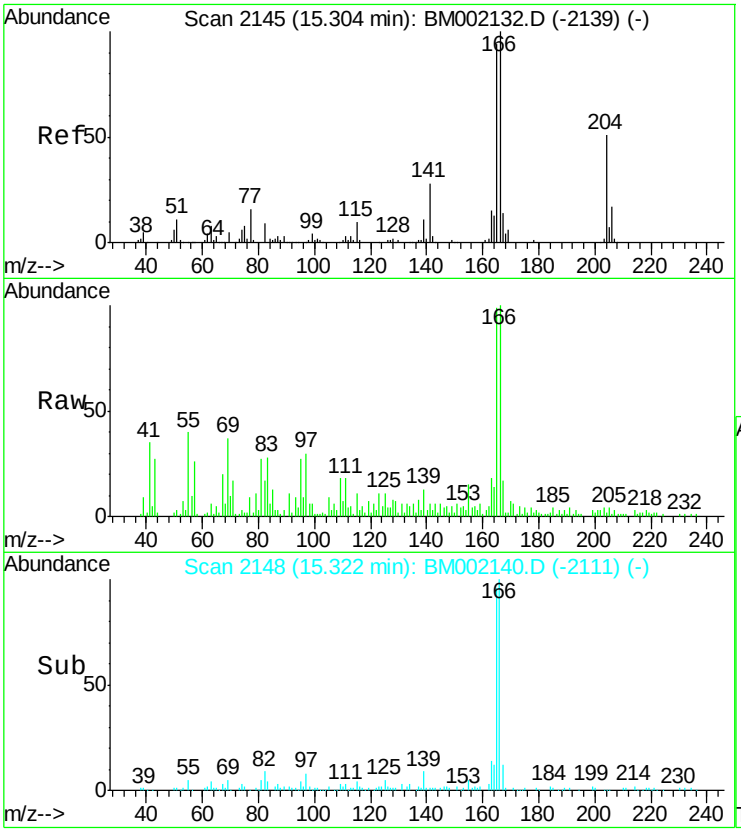


#54
Dibenzofuran
Concen: 1.31 ng/ul
RT: 14.67 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BM002140.D
Acq: 30 Jul 2015 17:19

Tgt Ion:168 Resp: 43978

Ion	Ratio	Lower	Upper
168	100		
139	44.2	28.2	42.2#



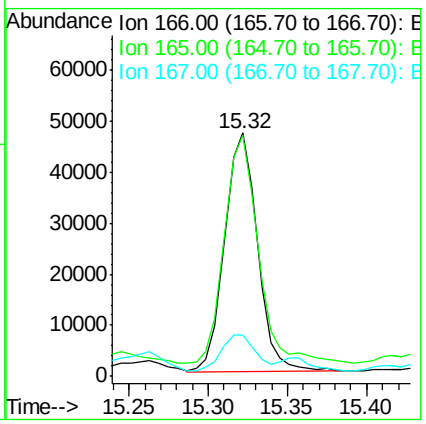


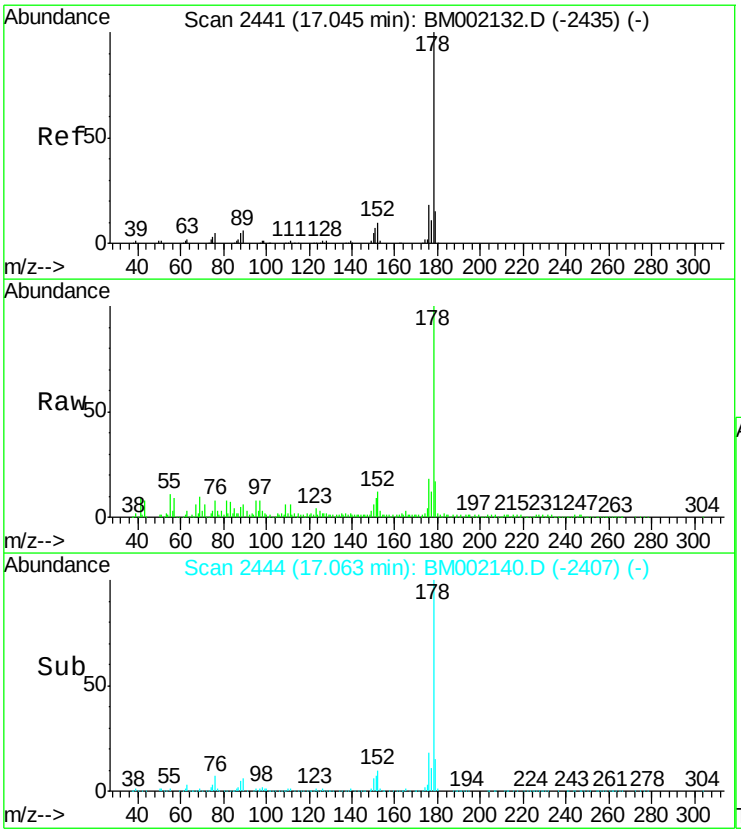
#59
Fluorene
Concen: 2.42 ng/ul
RT: 15.32 min Scan# 2148
Delta R.T. 0.02 min
Lab File: BM002140.D
Acq: 30 Jul 2015 17:19

Instrument :
BNA_M
ClientSampleId :
C01X4RE

Tgt Ion:166 Resp: 66920

Ion	Ratio	Lower	Upper
166	100		
165	98.9	75.6	113.4
167	17.1	10.5	15.7#

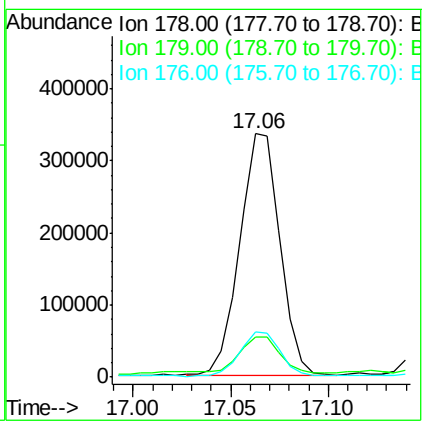


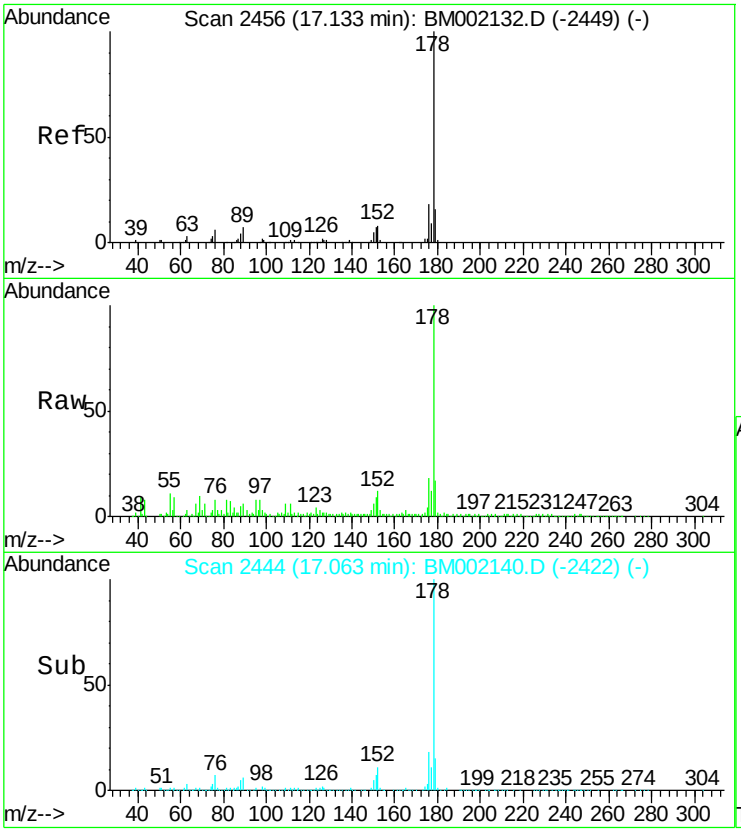


#70
Phenanthrene
Concen: 12.36 ng/ul
RT: 17.06 min Scan# 2444
Delta R.T. 0.02 min
Lab File: BM002140.D
Acq: 30 Jul 2015 17:19

Tgt Ion:178 Resp: 473559

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.5	18.7
176	18.5	14.2	21.4



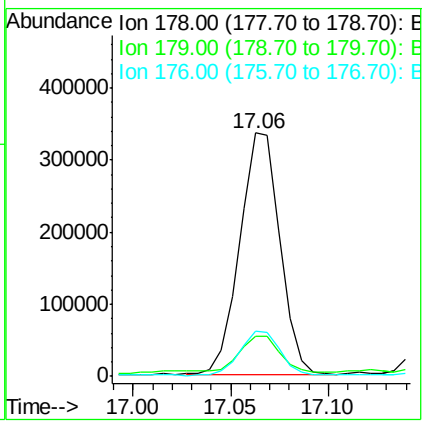


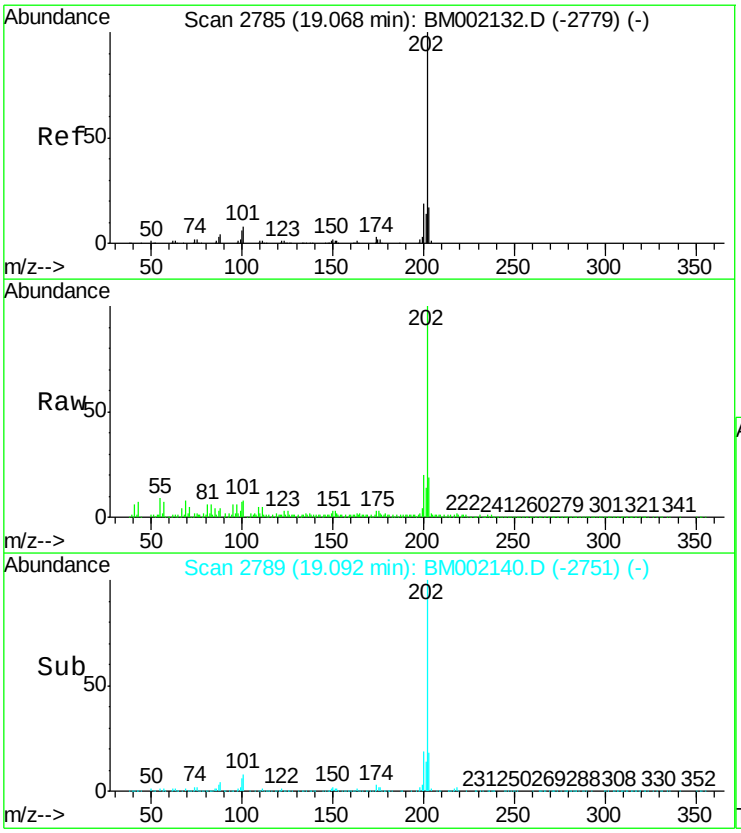
#72
Anthracene
Concen: 12.09 ng/ul
RT: 17.06 min Scan# 2444
Delta R.T. -0.07 min
Lab File: BM002140.D
Acq: 30 Jul 2015 17:19

Instrument :
BNA_M
ClientSampleId :
C01X4RE

Tgt Ion:178 Resp: 473559

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.1	18.1
176	18.5	14.1	21.1

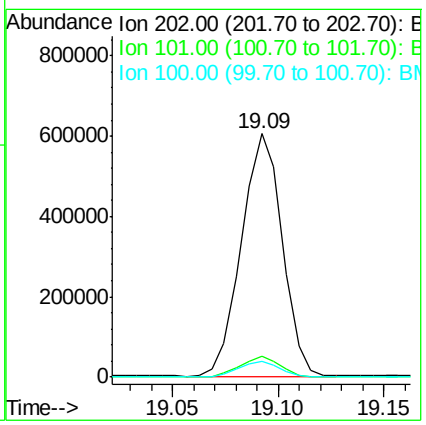


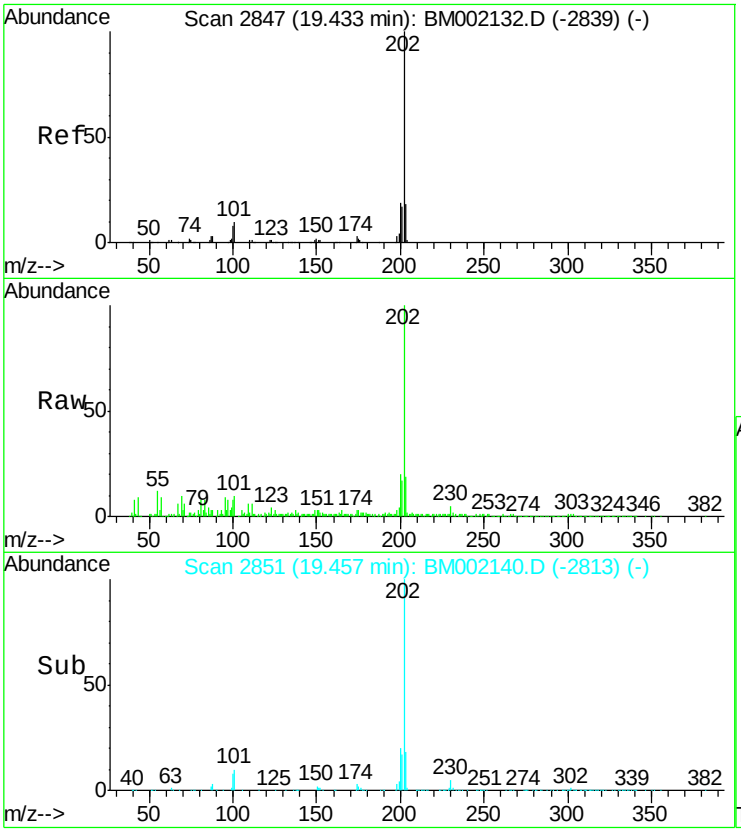


#77
Fluoranthene
Concen: 18.28 ng/ul
RT: 19.09 min Scan# 2789
Delta R.T. 0.02 min
Lab File: BM002140.D
Acq: 30 Jul 2015 17:19

Tgt Ion:202 Resp: 808837

Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.2	9.4
100	6.5	5.2	7.8



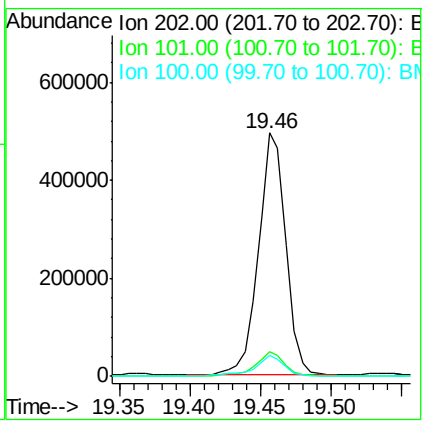


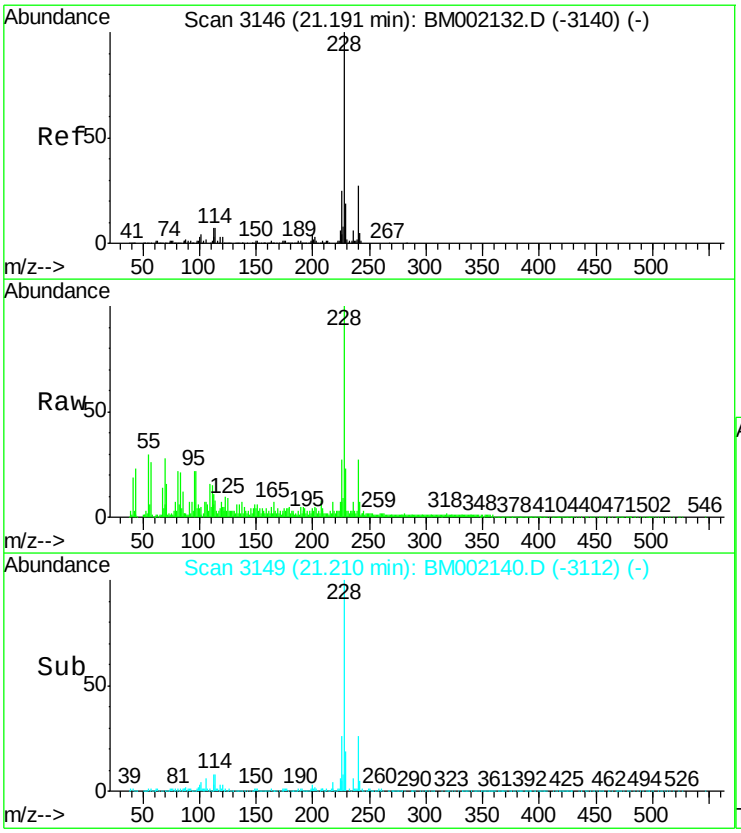
#80
Pyrene
Concen: 17.25 ng/ul
RT: 19.46 min Scan# 2851
Delta R.T. 0.02 min
Lab File: BM002140.D
Acq: 30 Jul 2015 17:19

Instrument :
BNA_M
ClientSampleId :
C01X4RE

Tgt Ion:202 Resp: 671087

Ion	Ratio	Lower	Upper
202	100		
101	10.3	7.4	11.2
100	8.4	6.3	9.5

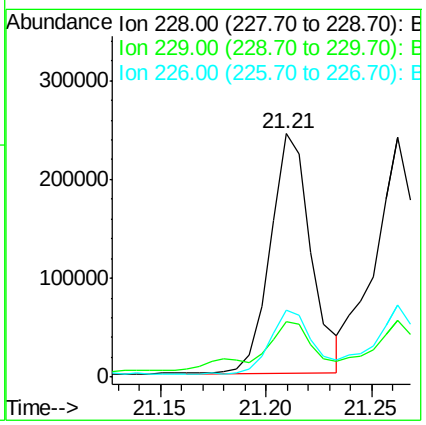


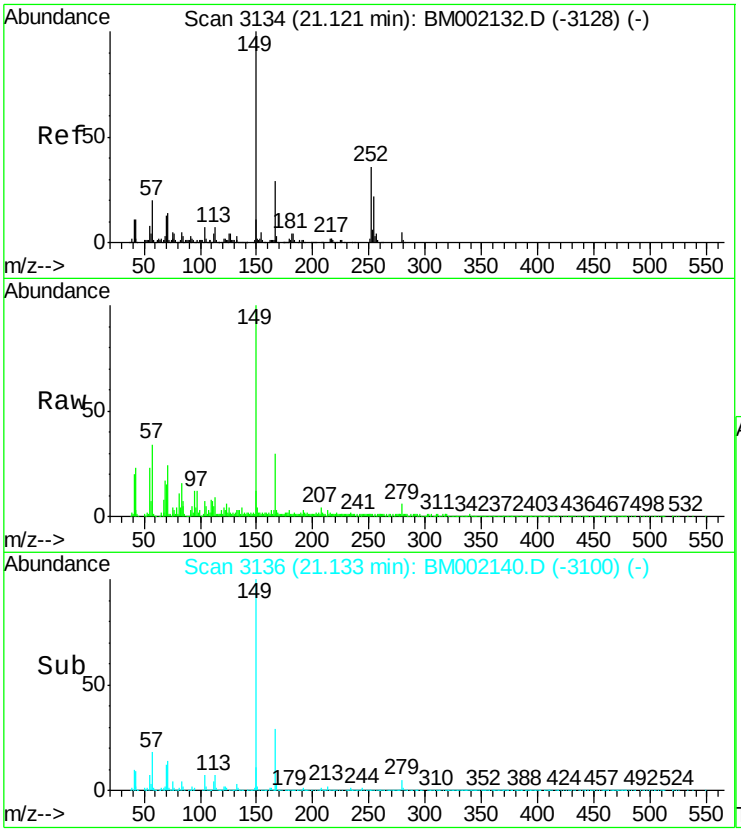


#83
Benzo(a)anthracene
Concen: 8.26 ng/ul
RT: 21.21 min Scan# 3149
Delta R.T. 0.02 min
Lab File: BM002140.D
Acq: 30 Jul 2015 17:19

Tgt Ion:228 Resp: 327121

Ion	Ratio	Lower	Upper
228	100		
229	23.0	15.4	23.2
226	27.3	20.5	30.7



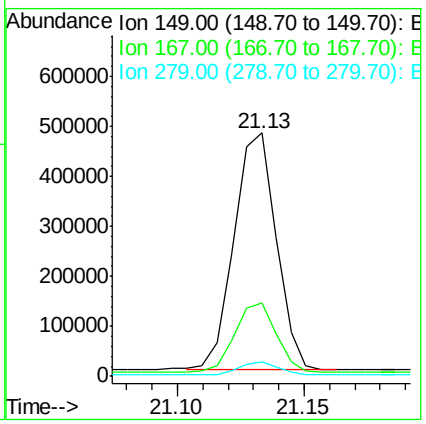


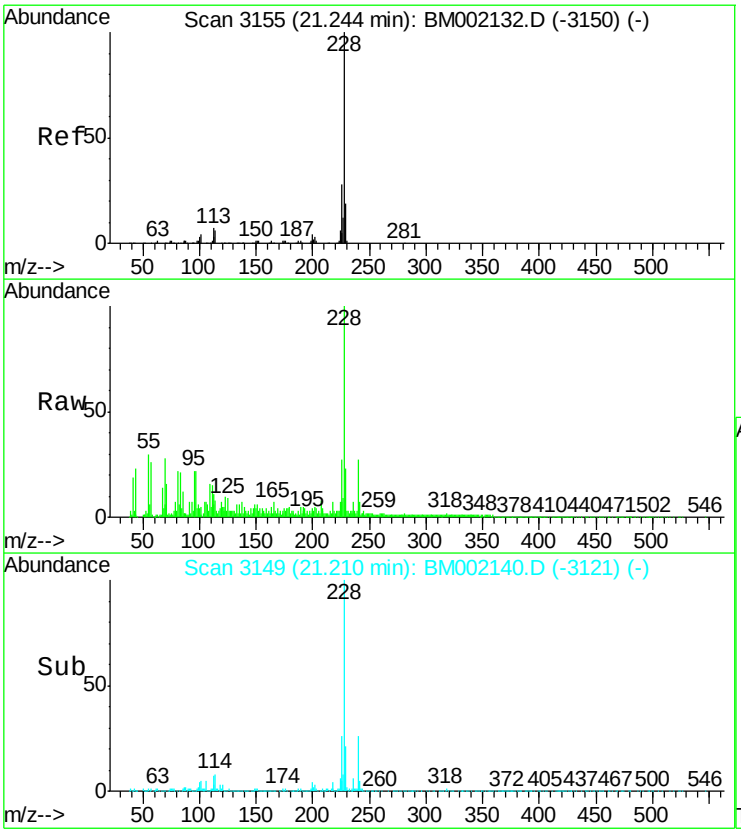
#84
Bis(2-ethylhexyl)phthalate
Concen: 24.29 ng/ul
RT: 21.13 min Scan# 3136
Delta R.T. 0.01 min
Lab File: BM002140.D
Acq: 30 Jul 2015 17:19

Instrument :
BNA_M
ClientSampleId :
C01X4RE

Tgt Ion:149 Resp: 552347

Ion	Ratio	Lower	Upper
149	100		
167	29.9	23.6	35.4
279	5.9	4.2	6.4

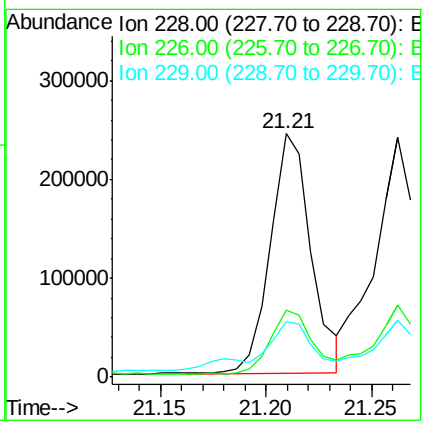


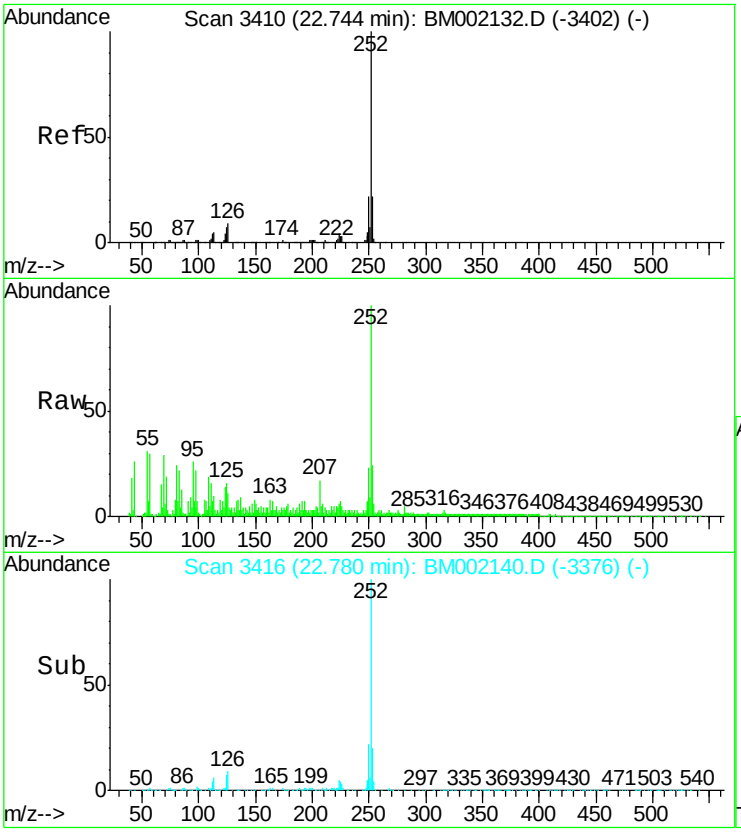


#85
Chrysene
Concen: 8.83 ng/ul
RT: 21.21 min Scan# 3149
Delta R.T. -0.03 min
Lab File: BM002140.D
Acq: 30 Jul 2015 17:19

Tgt Ion:228 Resp: 327180

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.3	33.5
229	23.0	15.5	23.3



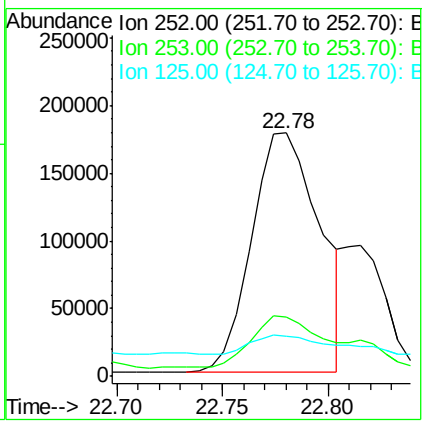


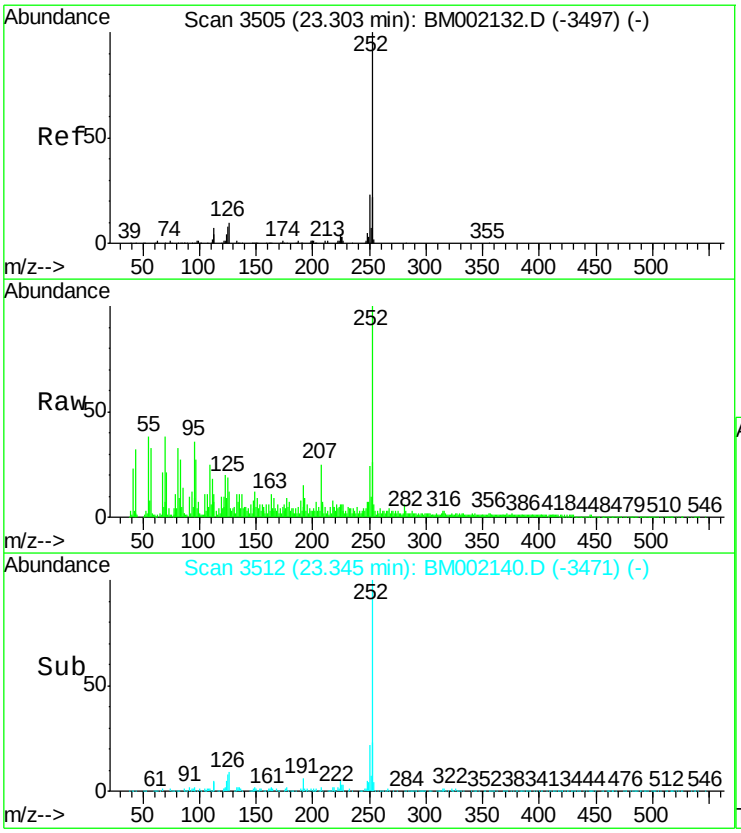
#88
Benzo(b)fluoranthene
Concen: 10.12 ng/ul
RT: 22.78 min Scan# 3416
Delta R.T. 0.04 min
Lab File: BM002140.D
Acq: 30 Jul 2015 17:19

Instrument :
BNA_M
ClientSampleId :
C01X4RE

Tgt Ion:252 Resp: 395338

Ion	Ratio	Lower	Upper
252	100		
253	24.2	16.9	25.3
125	16.5	6.2	9.2#

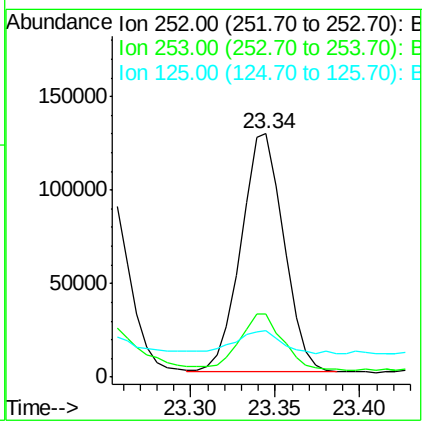


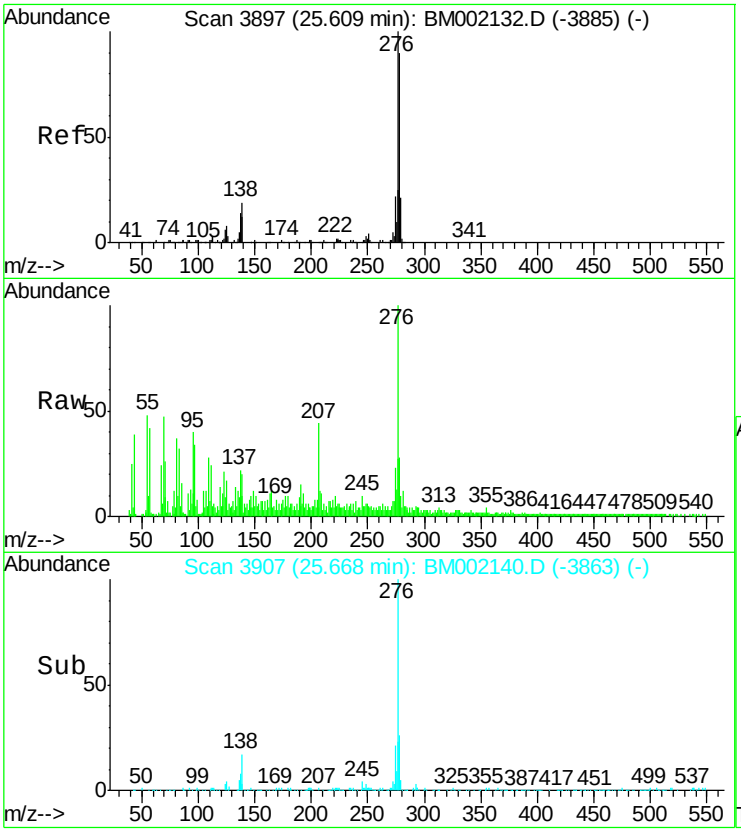


#91
Benzo(a)pyrene
Concen: 5.98 ng/ul
RT: 23.34 min Scan# 3512
Delta R.T. 0.04 min
Lab File: BM002140.D
Acq: 30 Jul 2015 17:19

Tgt Ion:252 Resp: 225360

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.2	25.8
125	18.9	6.6	10.0#



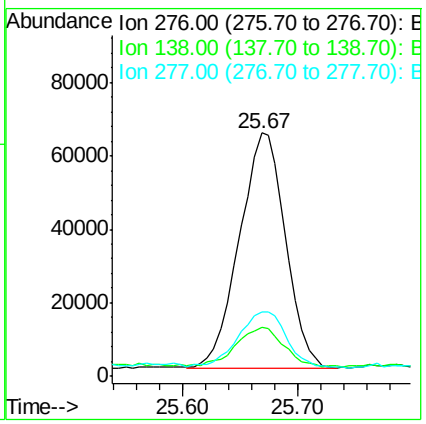


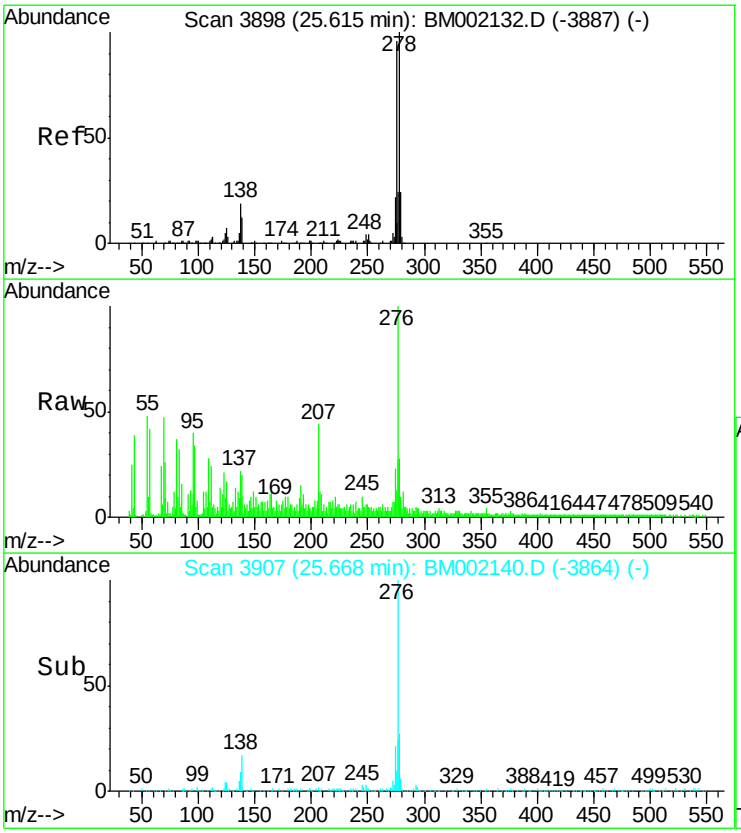
#92
Indeno(1,2,3-cd)pyrene
Concen: 4.07 ng/ul
RT: 25.67 min Scan# 3907
Delta R.T. 0.06 min
Lab File: BM002140.D
Acq: 30 Jul 2015 17:19

Instrument :
BNA_M
ClientSampleId :
C01X4RE

Tgt Ion:276 Resp: 176629

Ion	Ratio	Lower	Upper
276	100		
138	20.3	16.2	24.2
277	26.5	19.8	29.8

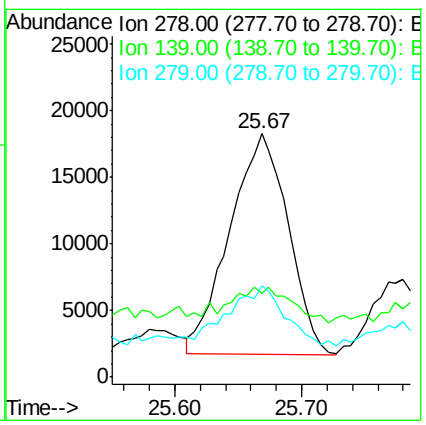


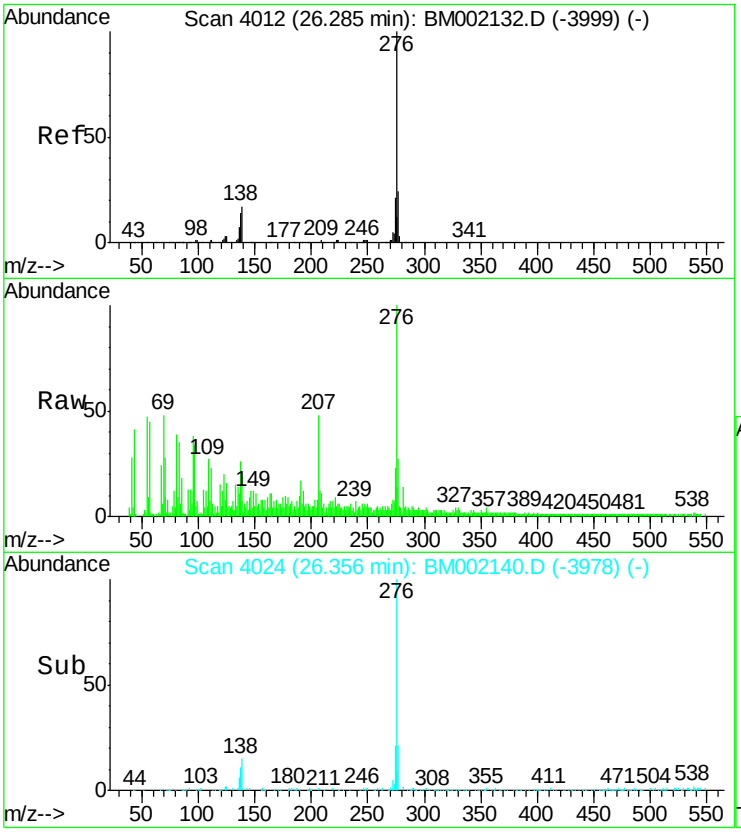


#93
Dibenzo(a,h)anthracene
Concen: 1.43 ng/ul
RT: 25.67 min Scan# 3907
Delta R.T. 0.05 min
Lab File: BM002140.D
Acq: 30 Jul 2015 17:19

Tgt Ion:278 Resp: 53088

Ion	Ratio	Lower	Upper
278	100		
139	34.5	10.6	16.0#
279	37.3	18.5	27.7#





#94
Benzo(g,h,i)perylene
Concen: 4.88 ng/ul
RT: 26.36 min Scan# 4024
Delta R.T. 0.07 min
Lab File: BM002140.D
Acq: 30 Jul 2015 17:19

Instrument :
BNA_M
ClientSampleId :
C01X4RE

Tgt Ion:276 Resp: 177676

Ion	Ratio	Lower	Upper
276	100		
138	18.9	13.8	20.6
277	27.0	18.2	27.2