Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061315\
Data File : BM001678.D
Acq On : 12 Jun 2015 20:18
Operator : TP/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC005

Quant Time: Jun 13 00:27:25 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 13 00:26:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	14960	5.00	ng		0.00
6) Naphthalene-d8	10.46	136	55699	5.00	ng		0.00
12) Acenaphthene-d10	14.32	164	27805	5.00	ng		0.00
18) Phenanthrene-d10	17.06	188	87149	5.00	ng		0.00
25) Chrysene-d12	21.25	240	48570	5.00	ng		0.00
32) Perylene-d12	23.48	264	43439	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	17137	4.81	ng		0.00
5) Phenol-d6	6.83	99	22329	4.98	ng		0.00
7) Nitrobenzene-d5	8.83	82	21513	5.00	ng		0.00
13) 2,4,6-Tribromophenol	15.80	330	3084	3.23	ng		0.00
14) 2-Fluorobiphenyl	12.94	172	44527	4.55	ng		0.00
27) Terphenyl-d14	19.70	244	34908	4.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	7628	4.06	ng		98
3) n-Nitrosodimethylamine	3.48	42	13017	4.97	ng		95
8) Nitrobenzene	8.87	77	23630	5.08	ng		99
9) Naphthalene	10.51	128	61386	4.52	ng		99
10) Hexachlorobutadiene	10.78	225	10301	4.55	ng		99
11) 2-Methylnaphthalene	12.13	142	40401	4.62	ng		99
15) Acenaphthylene	14.03	152	66761	5.10	ng		100
16) Acenaphthene	14.39	154	37843	4.55	ng		99
17) Fluorene	15.36	166	58686	6.50	ng		98
19) 4-Bromophenyl-phenylether	16.24	248	7874	1.04	ng		97
20) Hexachlorobenzene	16.38	284	14805	2.03	ng	#	100
21) Pentachlorophenol	16.72	266	8846	4.24	ng		97
22) Phenanthrene	17.09	178	98040	3.55	ng		99
23) Anthracene	17.19	178	78345	2.50	ng		100
24) Fluoranthene	19.13	202	76188	2.00	ng		100
26) Pyrene	19.49	202	80699	4.84	ng		99
28) Benzo(a)anthracene	21.24	228	73131	4.78	ng		99
29) Chrysene	21.28	228	65858	4.50	ng		100
30) Bis(2-ethylhexyl)phthalate	21.18	149	46236	4.89	ng		99
31) Indeno(1,2,3-cd)pyrene	25.72	276	70938	5.89	ng		100
33) Benzo(b)fluoranthene	22.80	252	70374	4.98	ng		97
34) Benzo(k)fluoranthene	22.85	252	57443	4.17	ng		97
35) Benzo(a)pyrene	23.38	252	58312	4.90	ng		97
36) Dibenzo(a,h)anthracene	25.73	278	56988	5.55	ng		98
37) Benzo(g,h,i)perylene	26.41	276	58011	5.26	ng		97

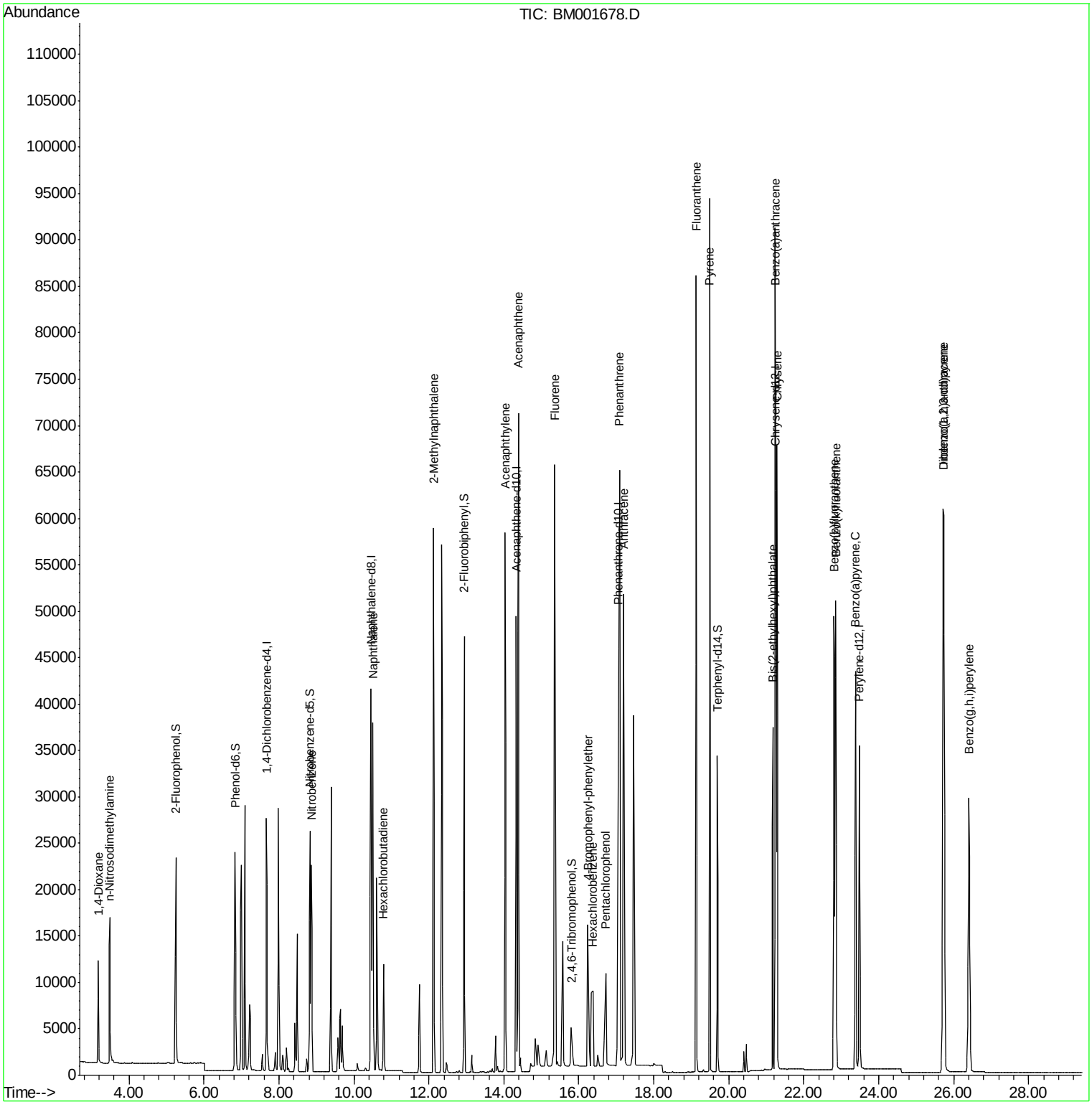
(#) = qualifier out of range (m) = manual integration (+) = signals summed

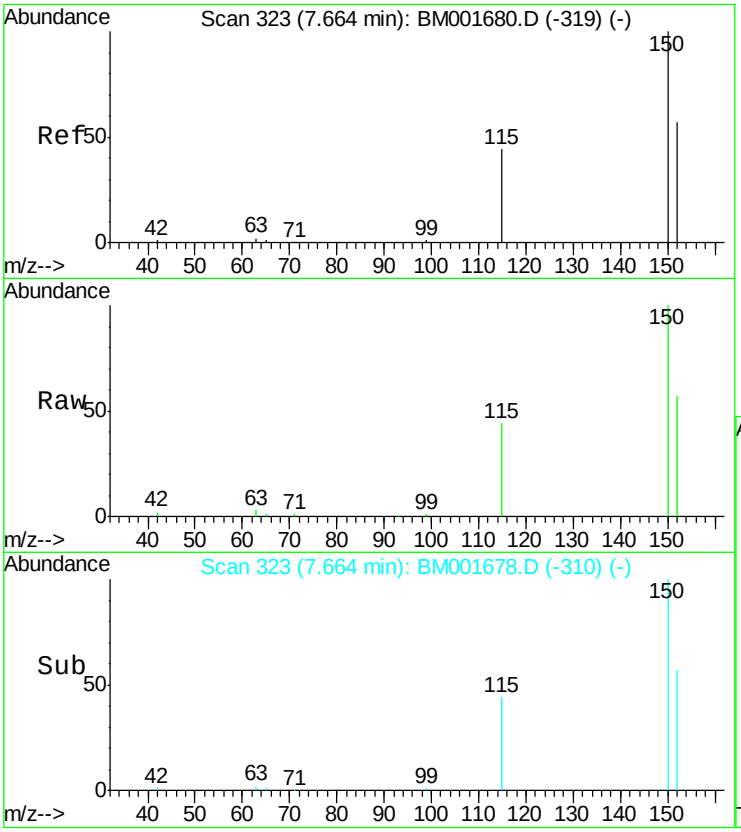
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061315\
Data File : BM001678.D
Acq On : 12 Jun 2015 20:18
Operator : TP/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Quant Time: Jun 13 00:27:25 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 13 00:26:17 2015
Response via : Initial Calibration



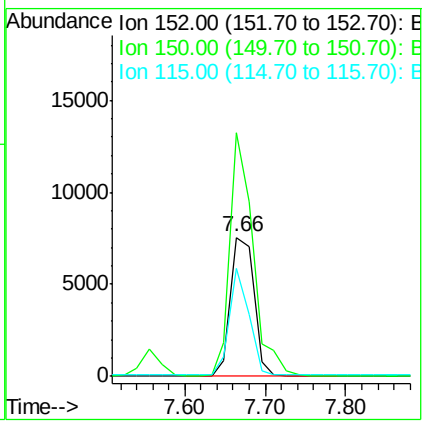


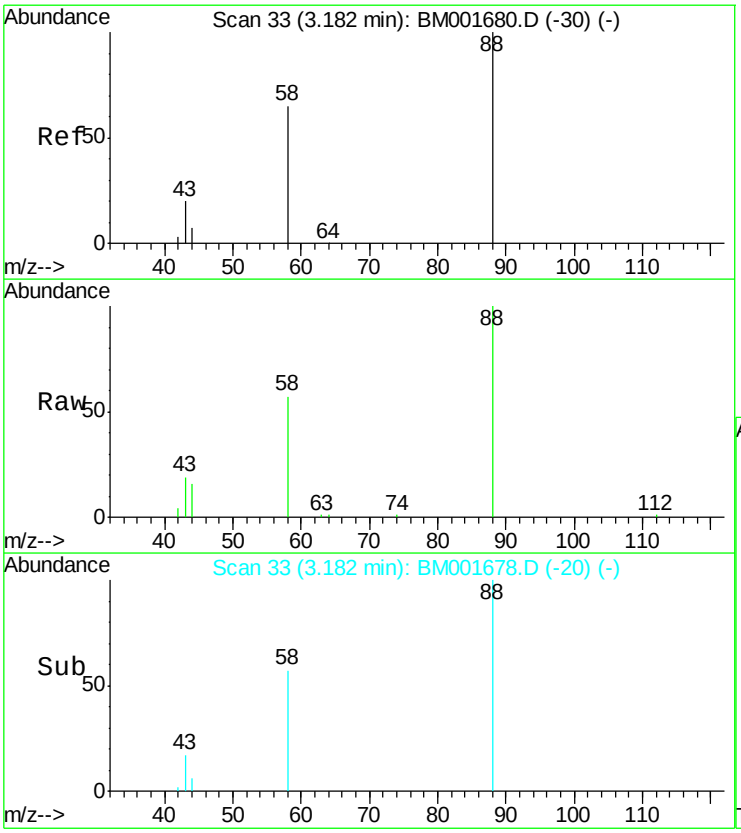
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.66 min Scan# 323
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 14960

Ion	Ratio	Lower	Upper
152	100		
150	174.8	139.6	209.4
115	77.8	62.5	93.7

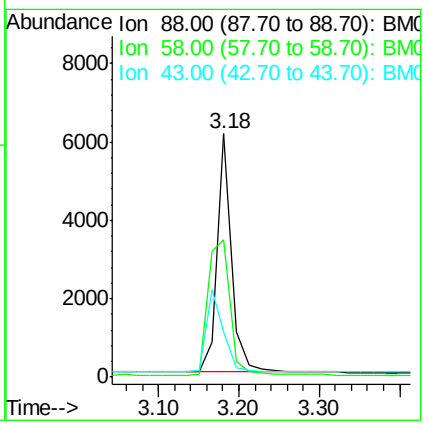


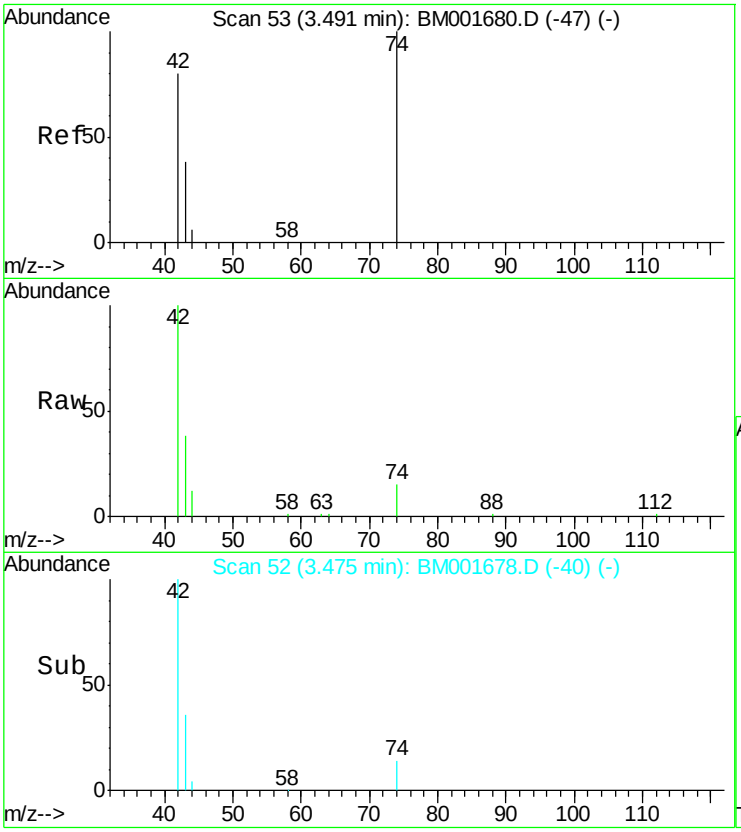


#2
1,4-Dioxane
Concen: 4.06 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Tgt Ion: 88 Resp: 7628

Ion	Ratio	Lower	Upper
88	100		
58	87.0	68.1	102.1
43	41.0	31.8	47.6



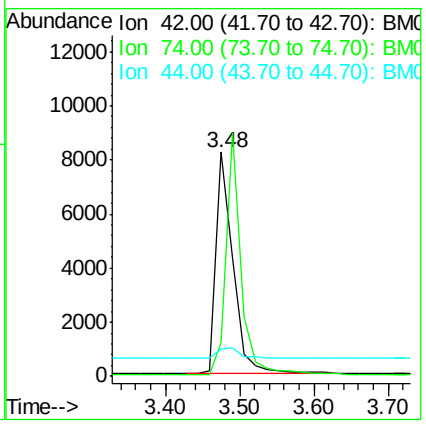


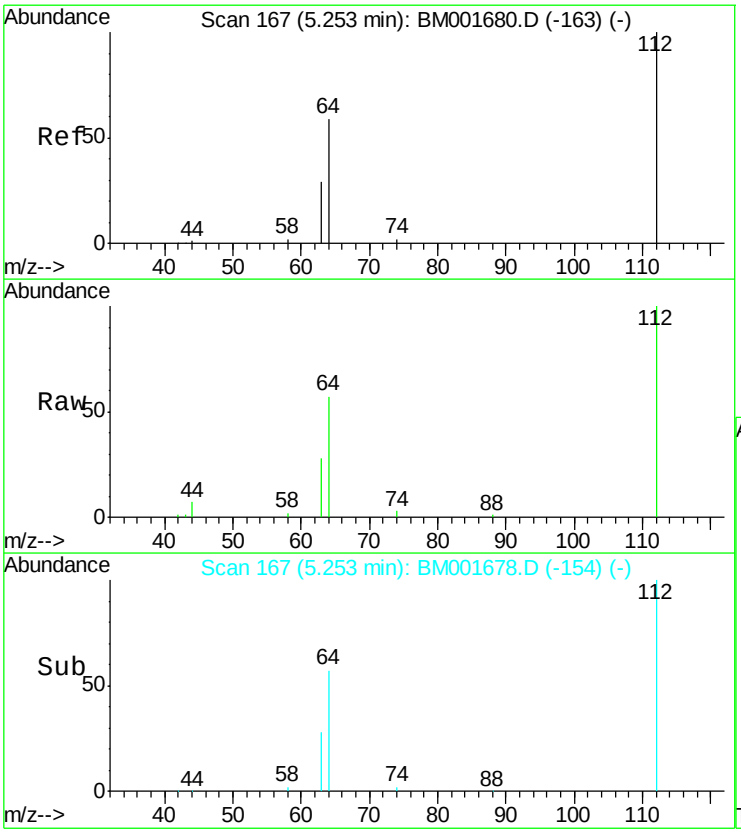
#3
n-Nitrosodimethylamine
Concen: 4.97 ng
RT: 3.48 min Scan# 52
Delta R.T. -0.02 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 42 Resp: 13017

Ion	Ratio	Lower	Upper
42	100		
74	95.9	80.5	120.7
44	6.3	5.4	8.0

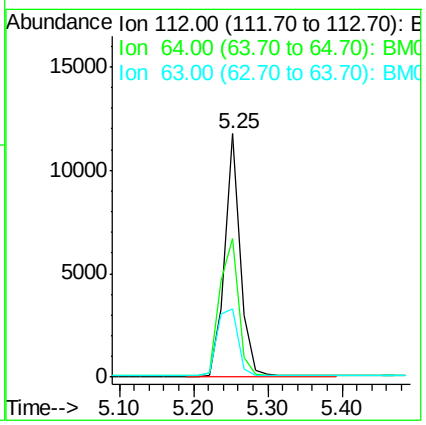


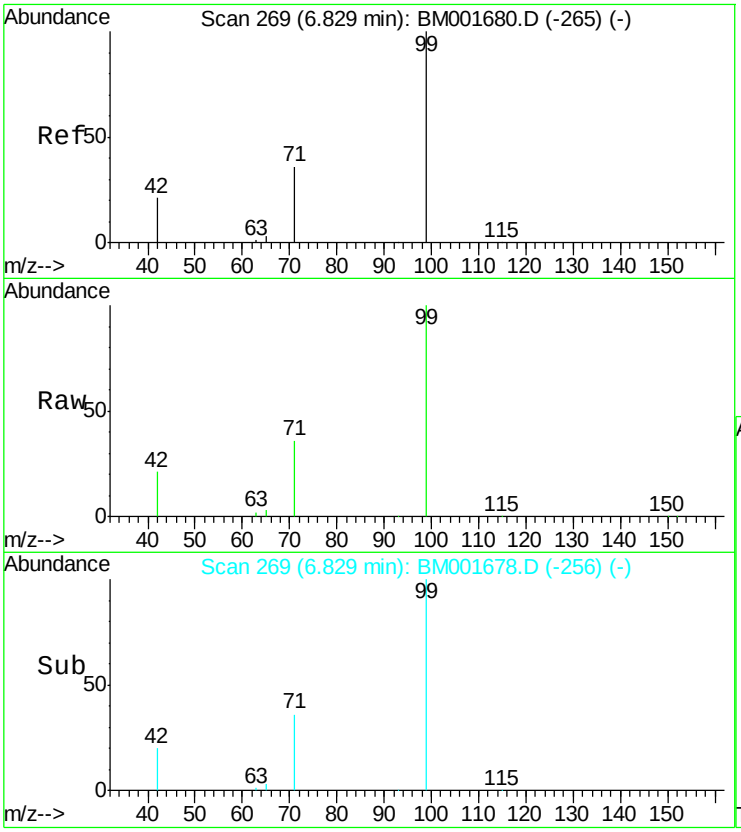


#4
2-Fluorophenol
Concen: 4.81 ng
RT: 5.25 min Scan# 167
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Tgt Ion:112 Resp: 17137

Ion	Ratio	Lower	Upper
112	100		
64	68.0	54.9	82.3
63	37.4	30.5	45.7



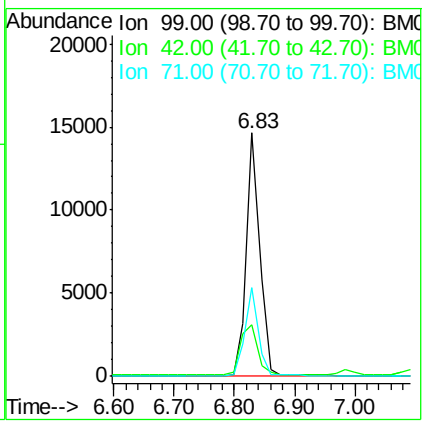


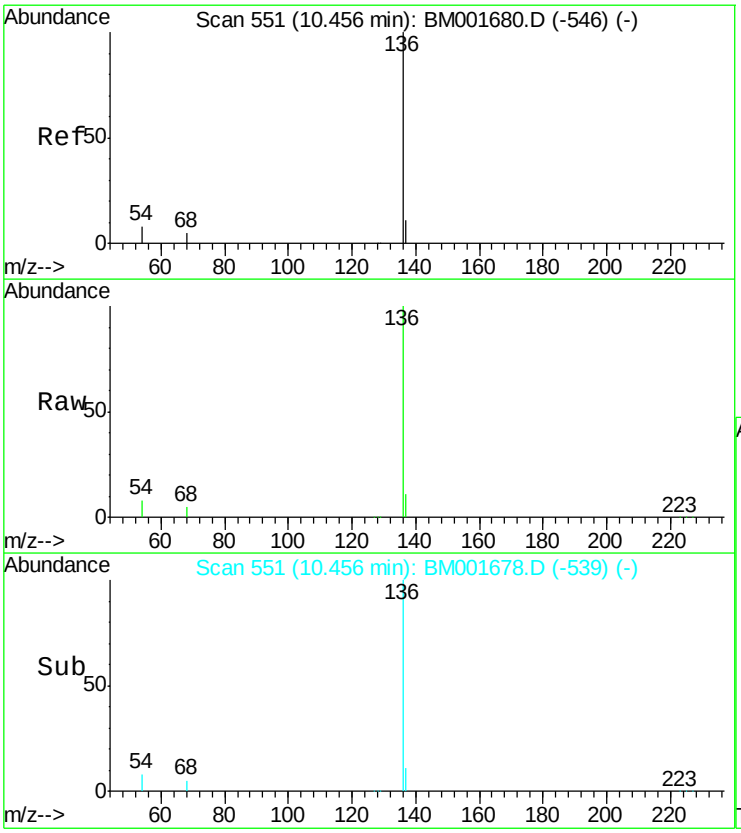
#5
Phenol-d6
Concen: 4.98 ng
RT: 6.83 min Scan# 269
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 22329

Ion	Ratio	Lower	Upper
99	100		
42	26.4	21.0	31.6
71	35.9	28.7	43.1

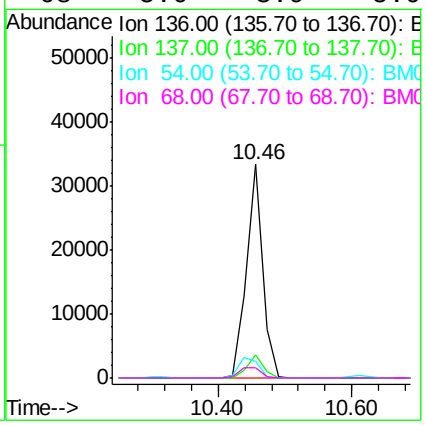


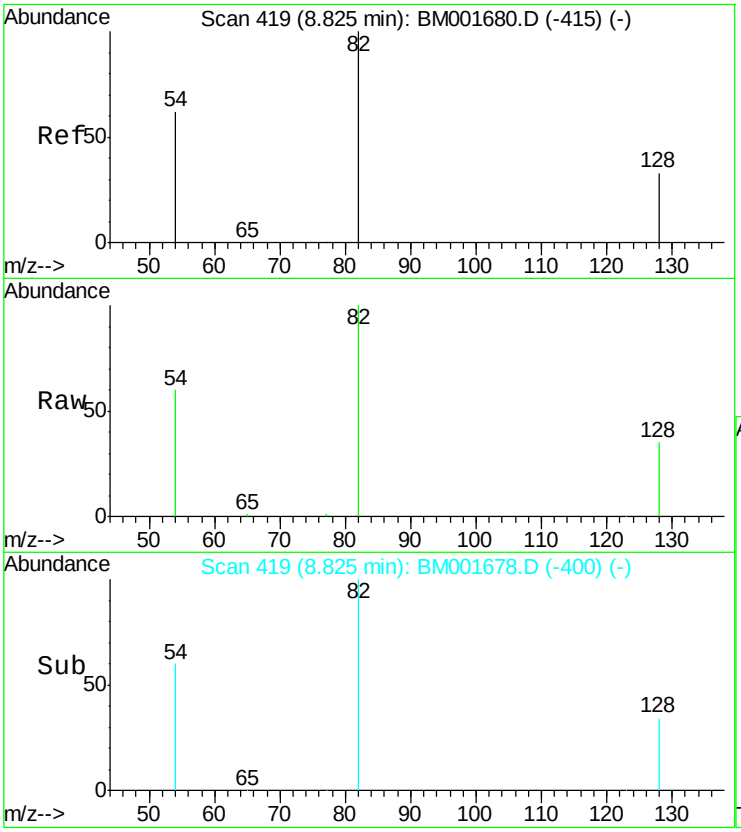


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.46 min Scan# 551
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Tgt Ion:136 Resp: 55699

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.8	6.2	9.4
68	5.0	3.9	5.9



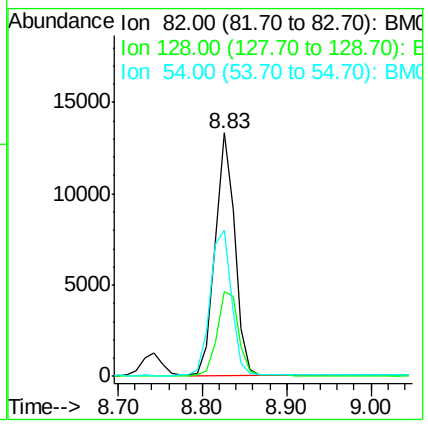


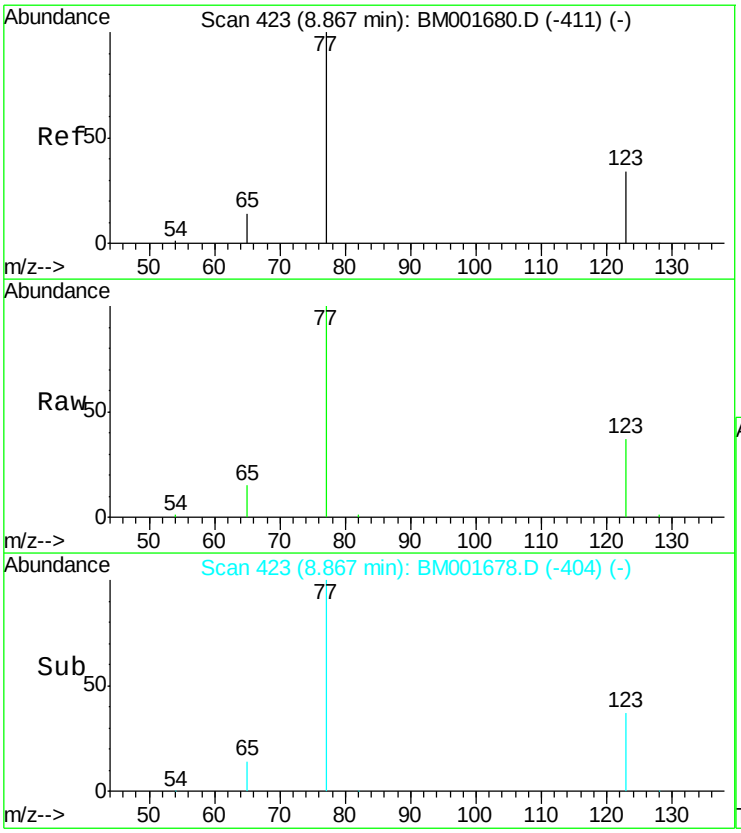
#7
Nitrobenzene-d5
Concen: 5.00 ng
RT: 8.83 min Scan# 419
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 21513

Ion	Ratio	Lower	Upper
82	100		
128	34.7	27.6	41.4
54	60.3	50.1	75.1

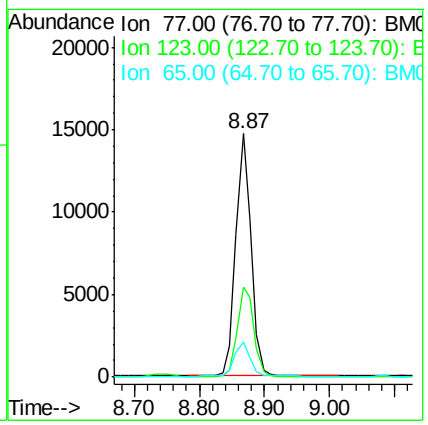


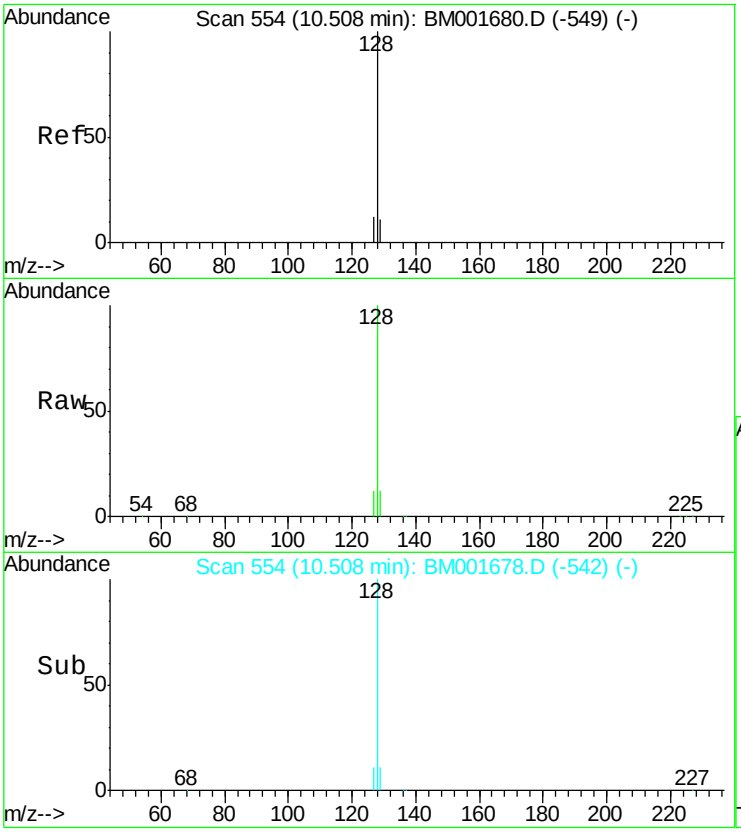


#8
Nitrobenzene
Concen: 5.08 ng
RT: 8.87 min Scan# 423
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Tgt Ion: 77 Resp: 23630

Ion	Ratio	Lower	Upper
77	100		
123	39.4	30.6	46.0
65	14.5	11.5	17.3



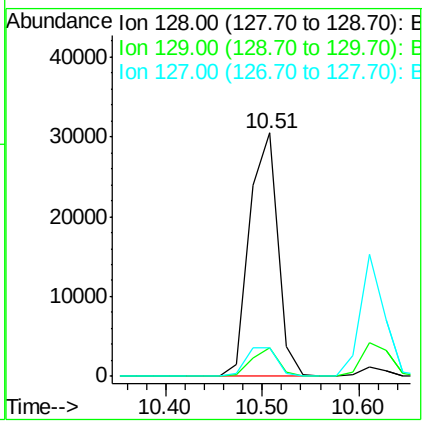


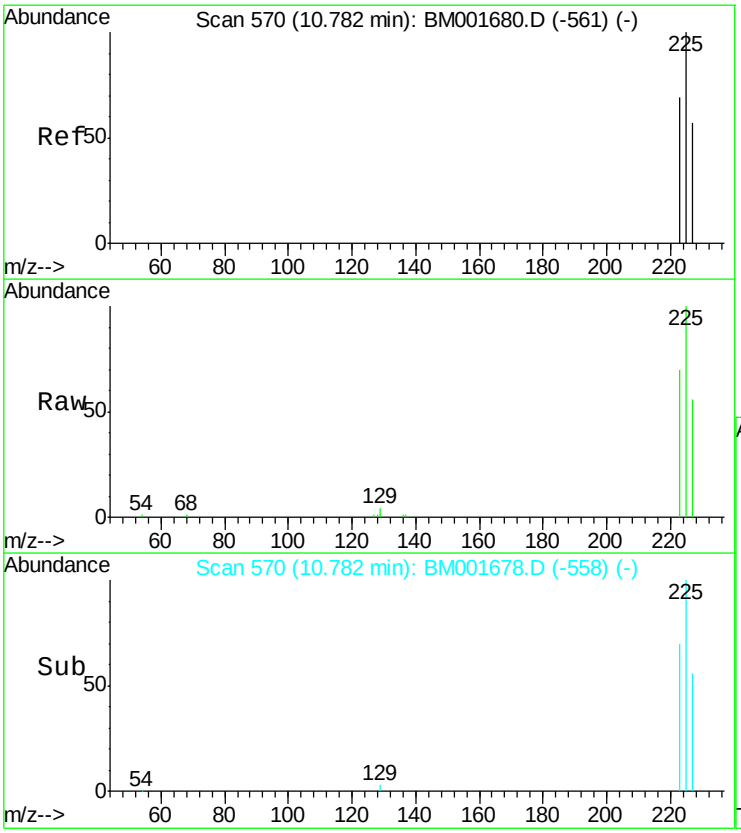
#9
Naphthalene
Concen: 4.52 ng
RT: 10.51 min Scan# 554
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 61386

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.7	14.5
127	11.6	9.8	14.6

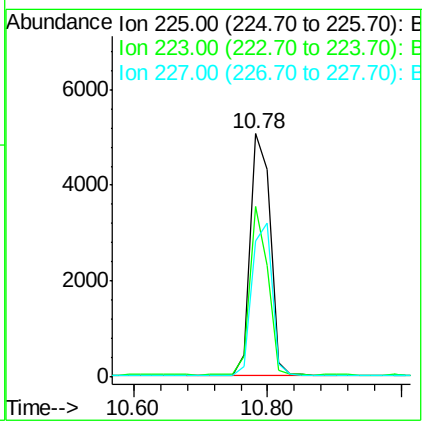


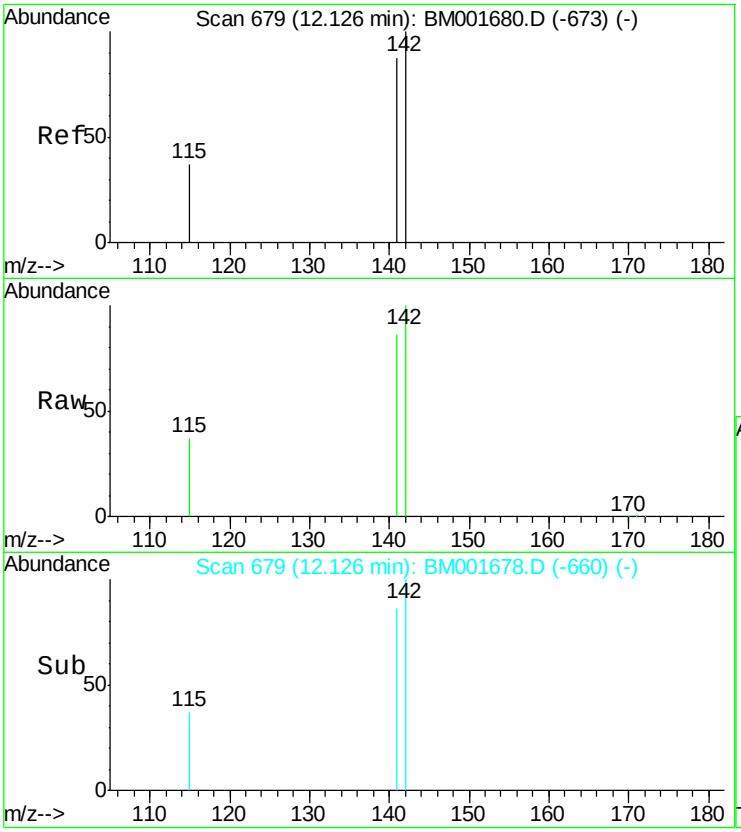


#10
Hexachlorobutadiene
Concen: 4.55 ng
RT: 10.78 min Scan# 570
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Tgt Ion:225 Resp: 10301

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.7	74.5
227	63.8	51.1	76.7



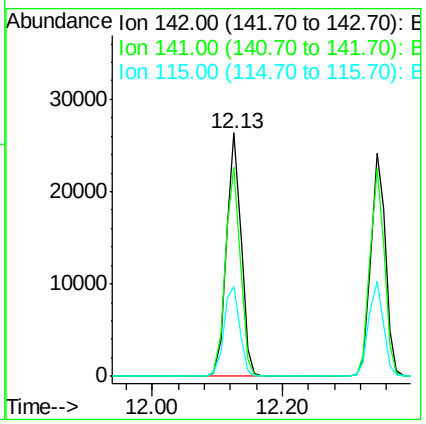


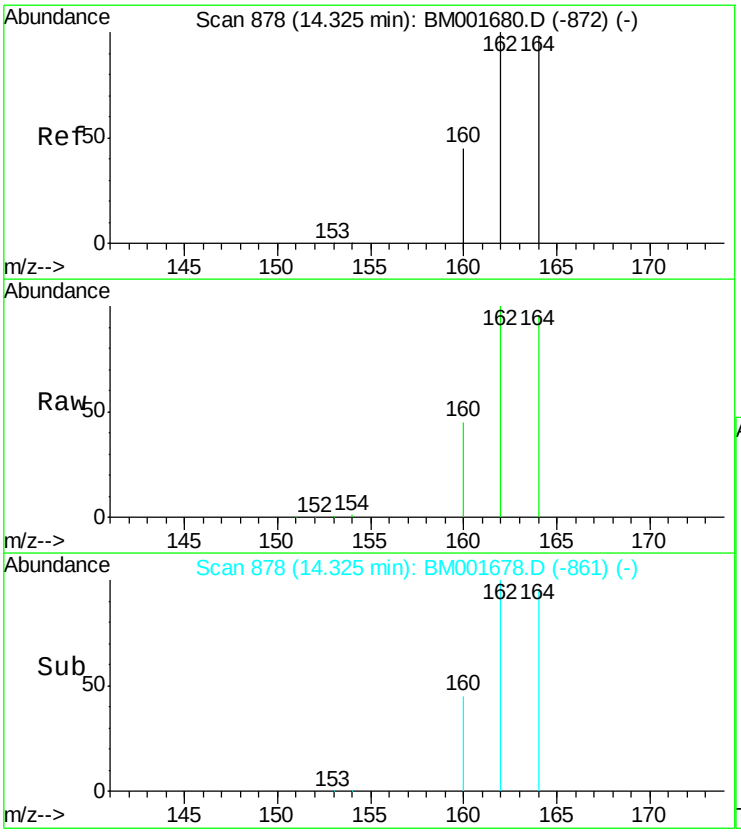
#11
2-Methylnaphthalene
Concen: 4.62 ng
RT: 12.13 min Scan# 679
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 40401

Ion	Ratio	Lower	Upper
142	100		
141	86.1	69.5	104.3
115	36.9	30.2	45.4

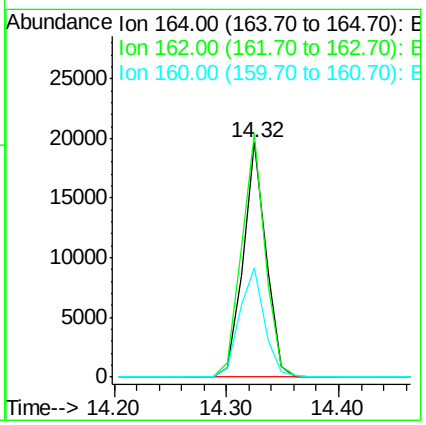


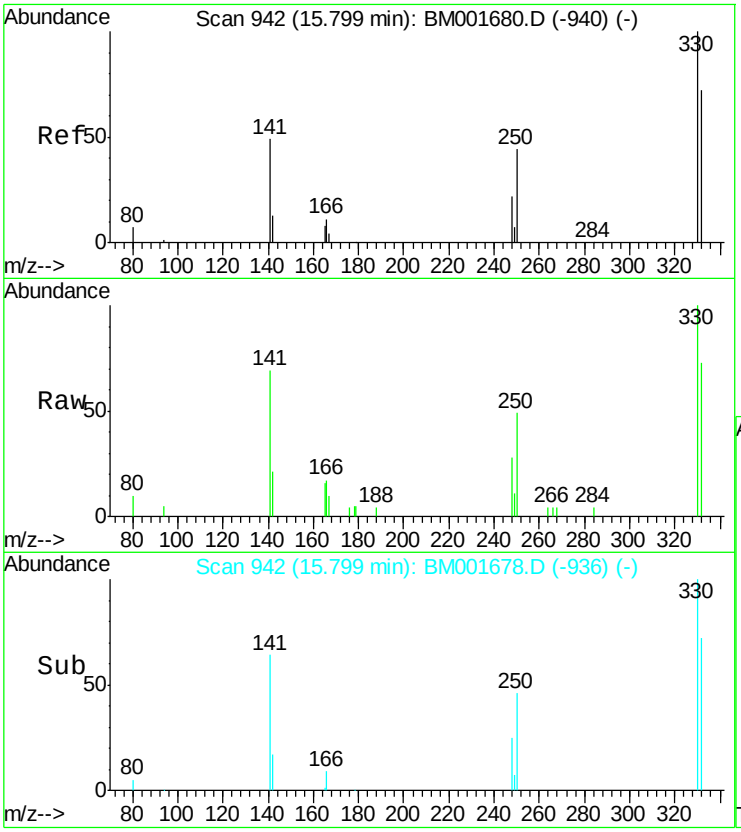


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.32 min Scan# 878
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Tgt Ion:164 Resp: 27805

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.0	123.0
160	46.5	36.6	55.0



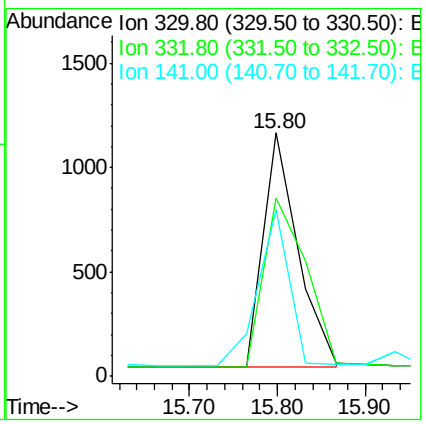


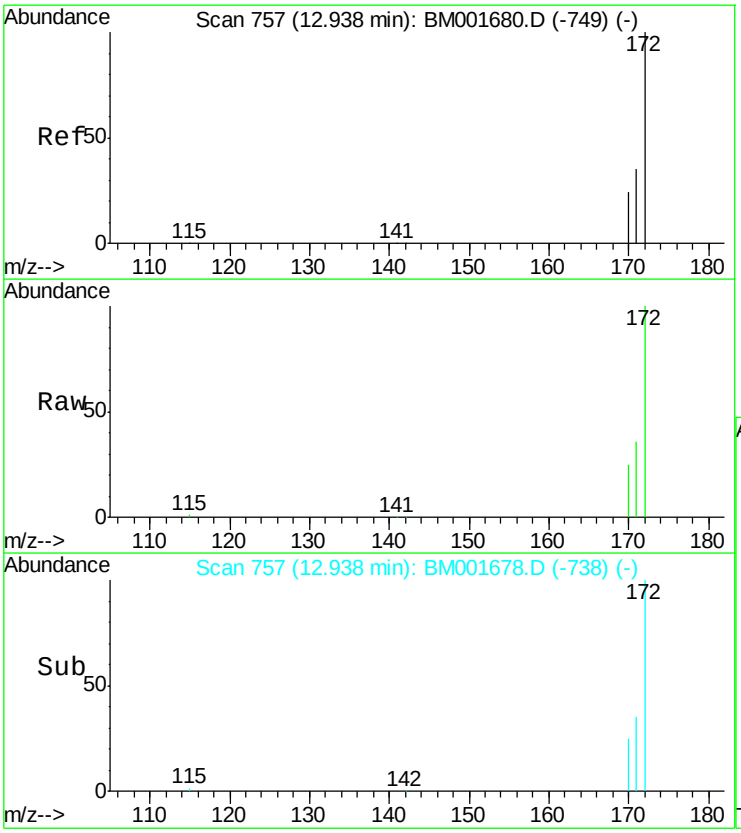
#13
2,4,6-Tribromophenol
Concen: 3.23 ng
RT: 15.80 min Scan# 942
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 3084

Ion	Ratio	Lower	Upper
330	100		
332	88.4	68.6	103.0
141	60.3	39.0	58.4#

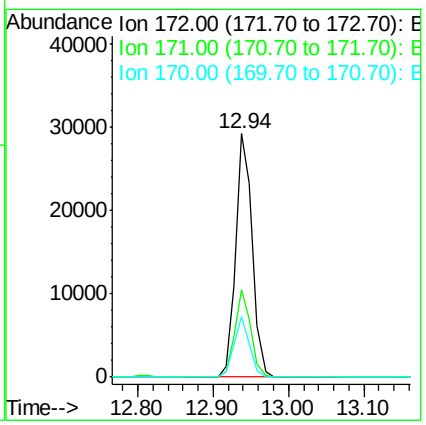


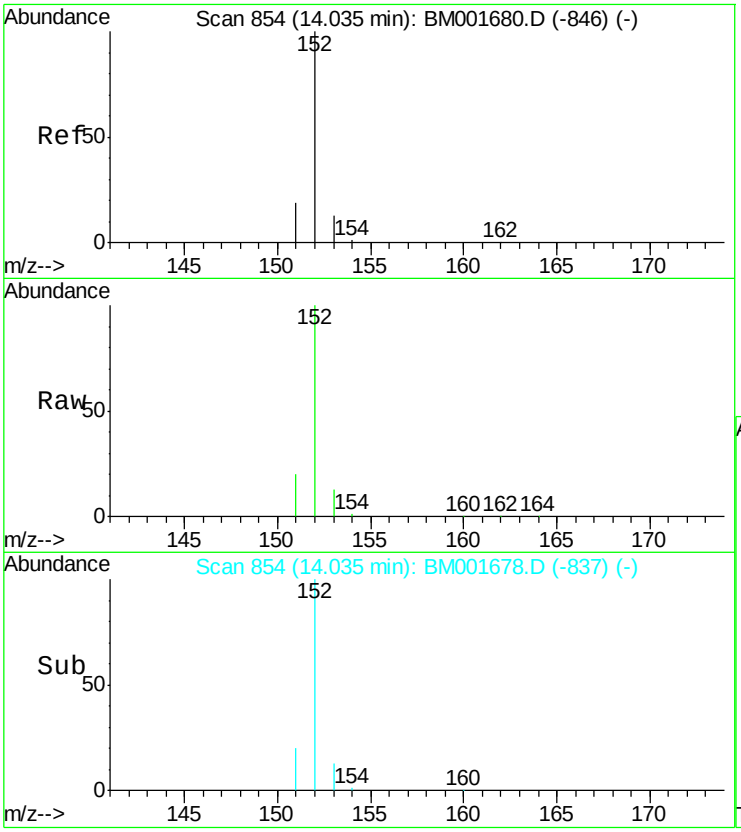


#14
2-Fluorobiphenyl
Concen: 4.55 ng
RT: 12.94 min Scan# 757
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Tgt Ion:172 Resp: 44527

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.4	42.6
170	24.7	19.5	29.3



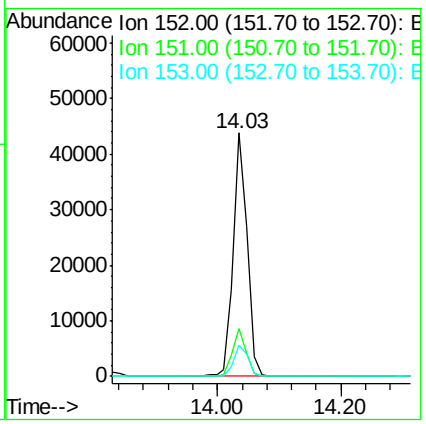


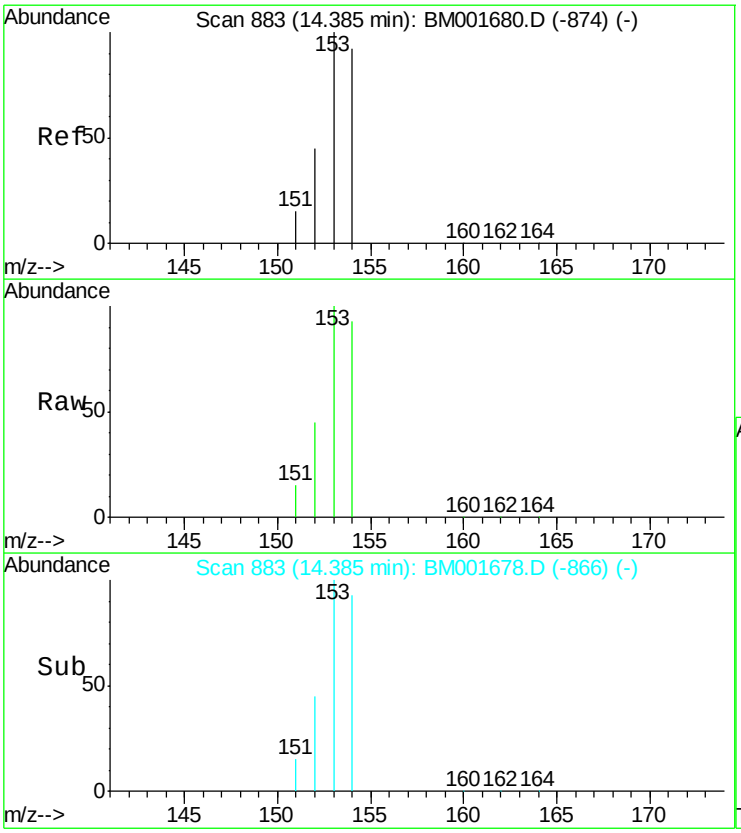
#15
Acenaphthylene
Concen: 5.10 ng
RT: 14.03 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 66761

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9
153	12.9	10.3	15.5

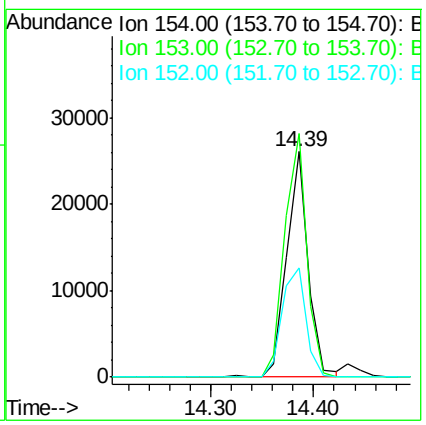


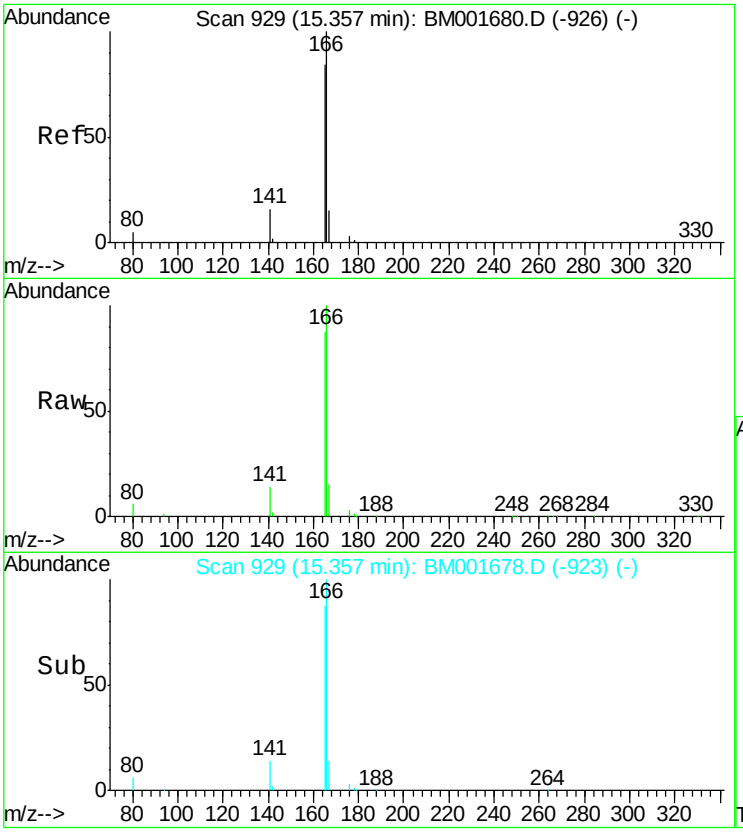


#16
Acenaphthene
Concen: 4.55 ng
RT: 14.39 min Scan# 883
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Tgt Ion:154 Resp: 37843

Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.3	133.9
152	53.9	43.7	65.5



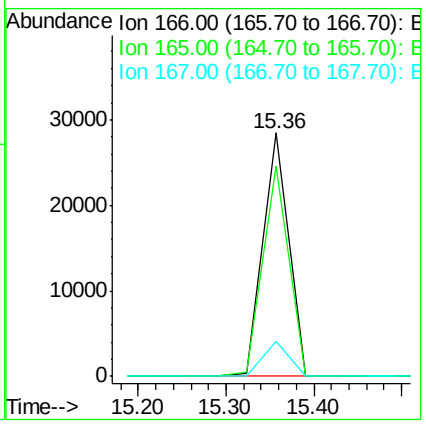


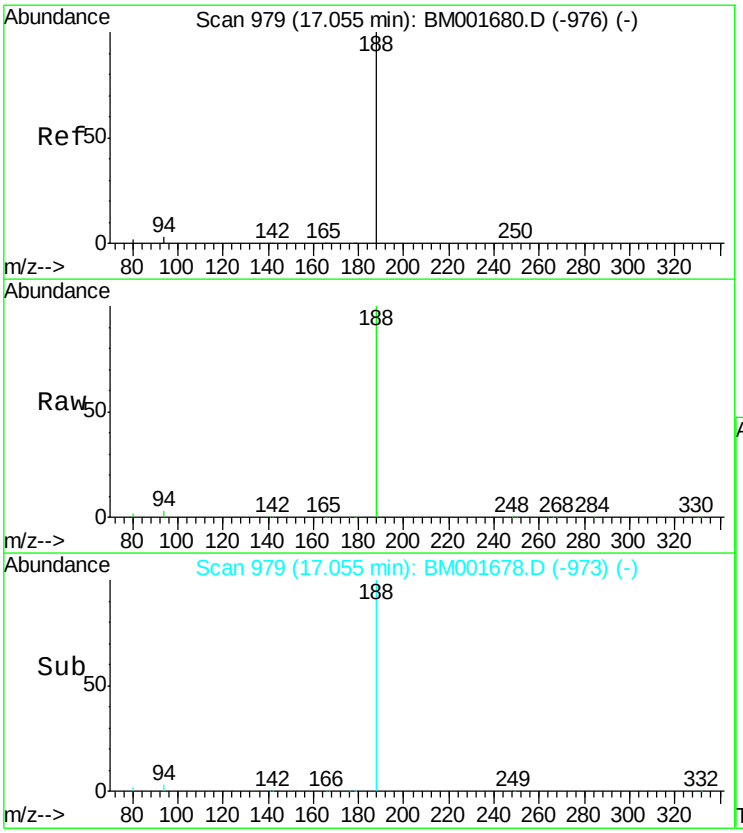
#17
Fluorene
Concen: 6.50 ng
RT: 15.36 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 58686

Ion	Ratio	Lower	Upper
166	100		
165	87.2	68.5	102.7
167	14.4	11.8	17.6

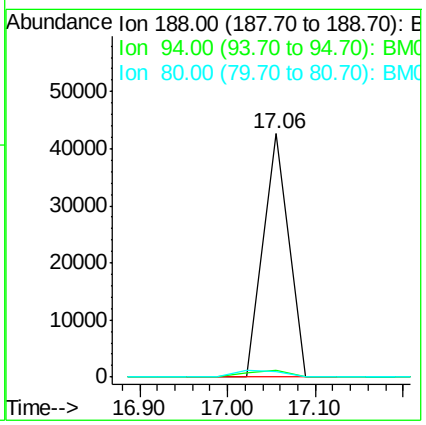


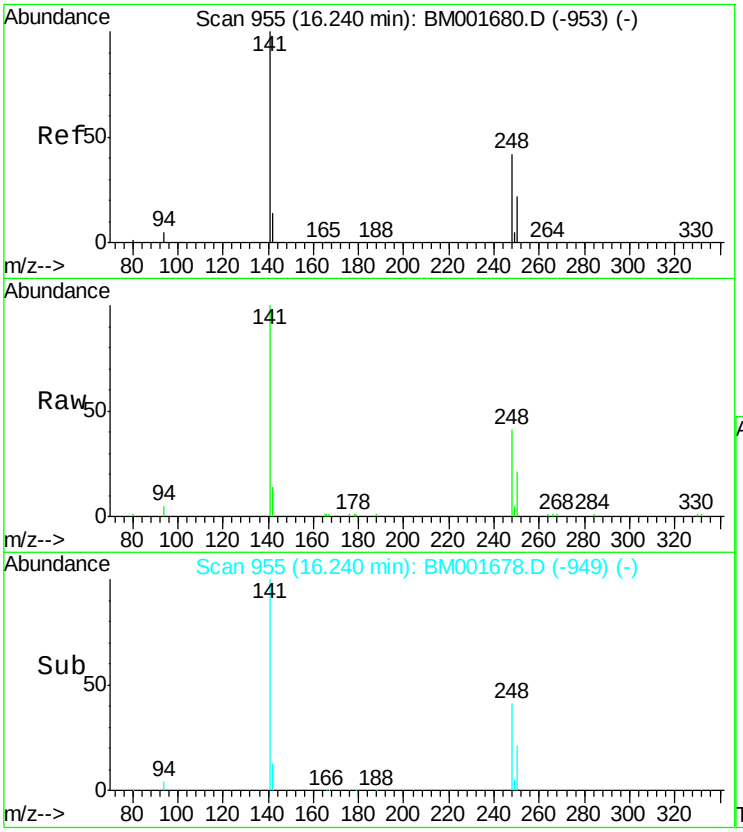


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Tgt Ion:188 Resp: 87149

Ion	Ratio	Lower	Upper
188	100		
94	2.8	2.2	3.2
80	2.4	1.8	2.8



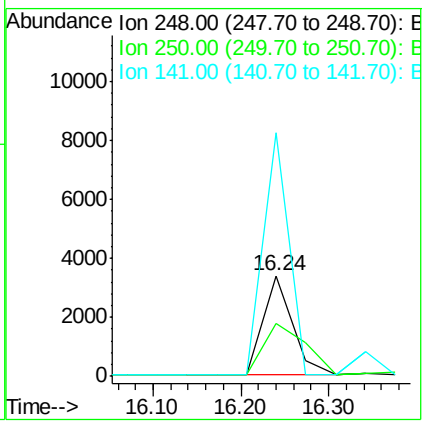


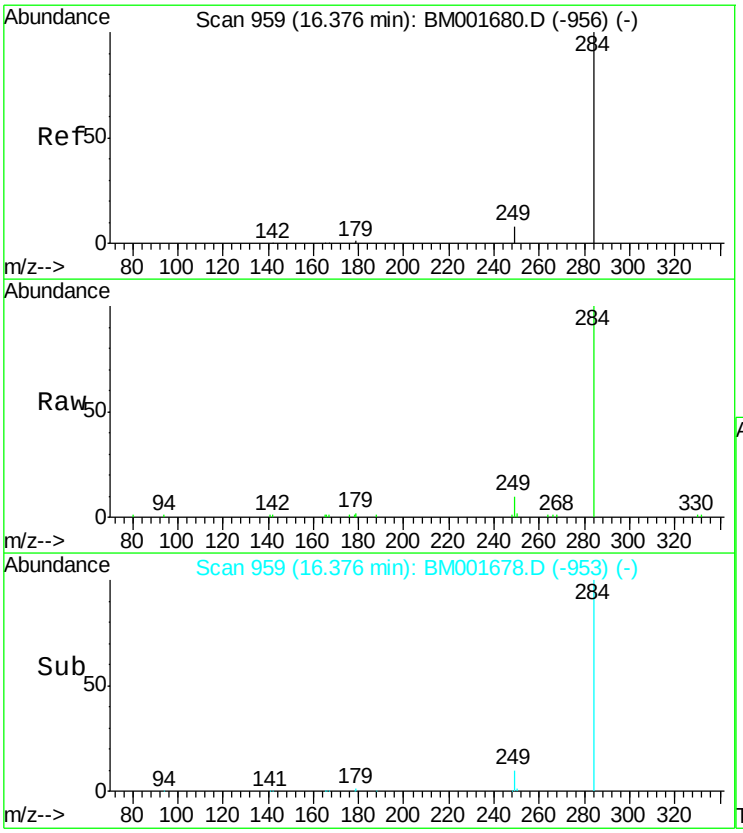
#19
4-Bromophenyl-phenylether
Concen: 1.04 ng
RT: 16.24 min Scan# 955
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 7874

Ion	Ratio	Lower	Upper
248	100		
250	73.6	59.7	89.5
141	213.2	166.4	249.6

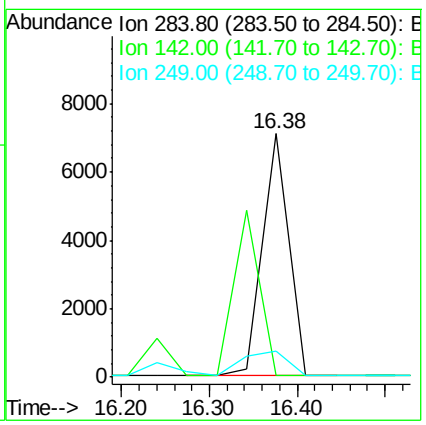


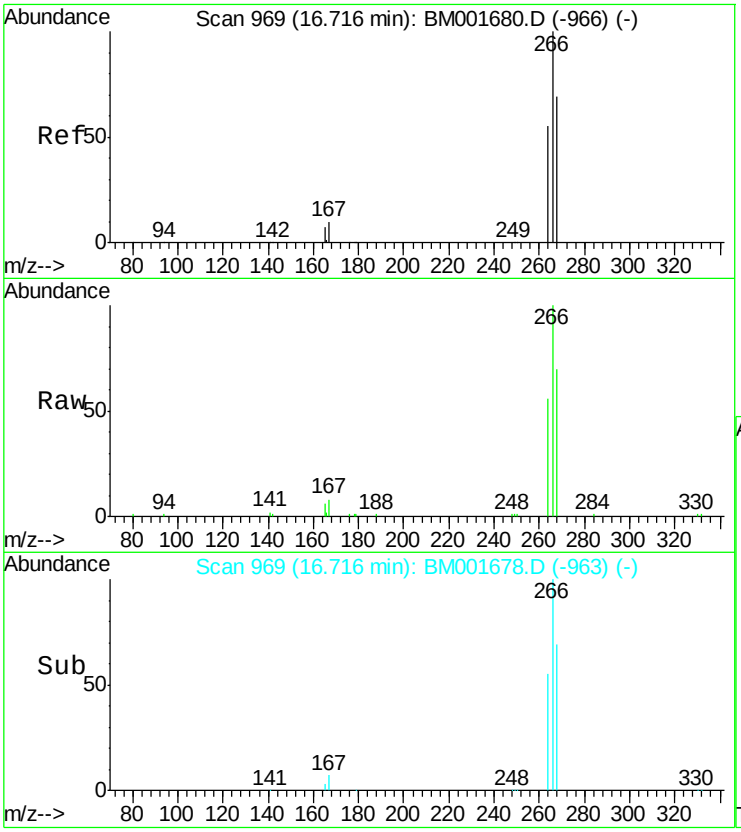


#20
Hexachlorobenzene
Concen: 2.03 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Tgt Ion:284 Resp: 14805

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	17.3	0.0	0.0#



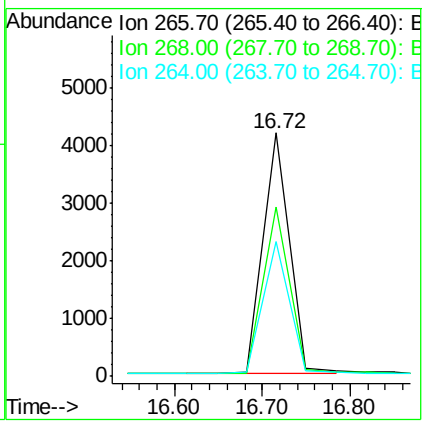


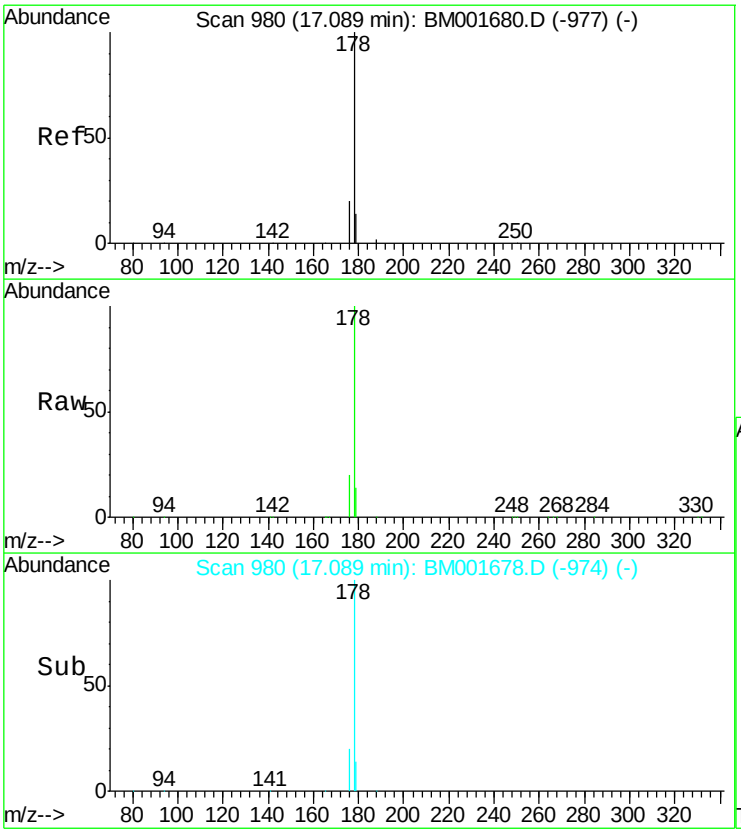
#21
Pentachlorophenol
Concen: 4.24 ng
RT: 16.72 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:266 Resp: 8846

Ion	Ratio	Lower	Upper
266	100		
268	69.7	57.2	85.8
264	55.6	46.3	69.5

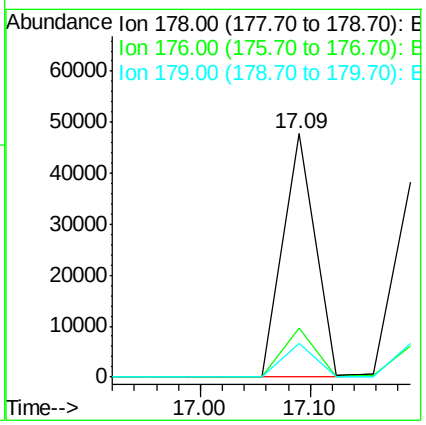


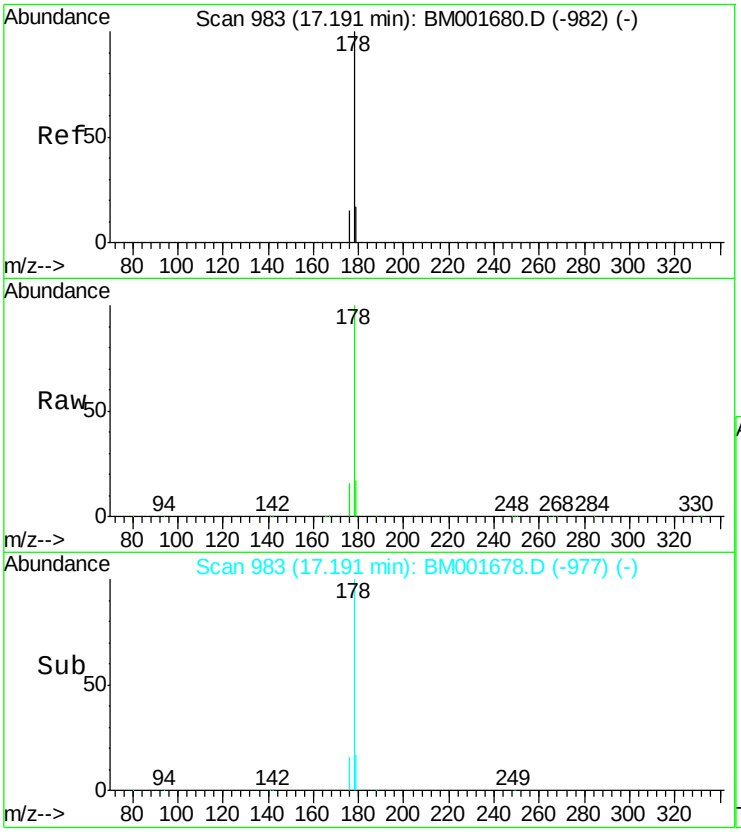


#22
Phenanthrene
Concen: 3.55 ng
RT: 17.09 min Scan# 980
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Tgt Ion:178 Resp: 98040

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	14.1	11.8	17.8



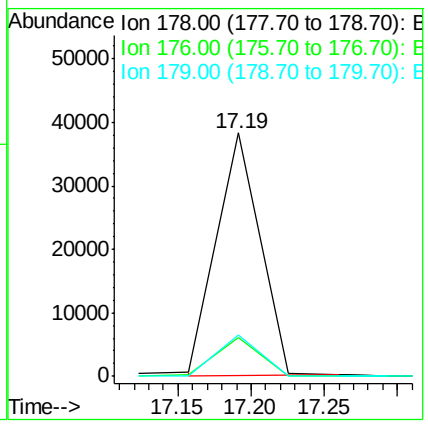


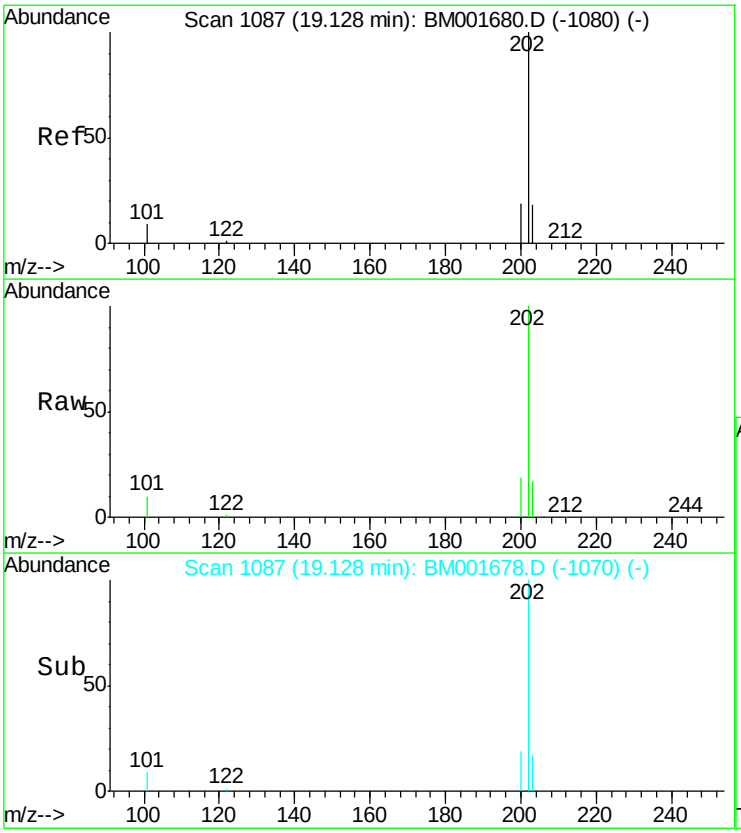
#23
Anthracene
Concen: 2.50 ng
RT: 17.19 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 78345

Ion	Ratio	Lower	Upper
178	100		
176	15.6	12.6	18.8
179	17.1	13.5	20.3

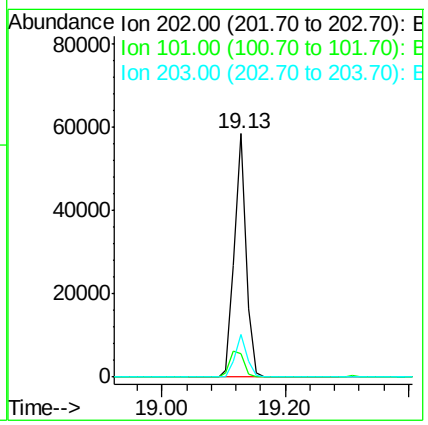


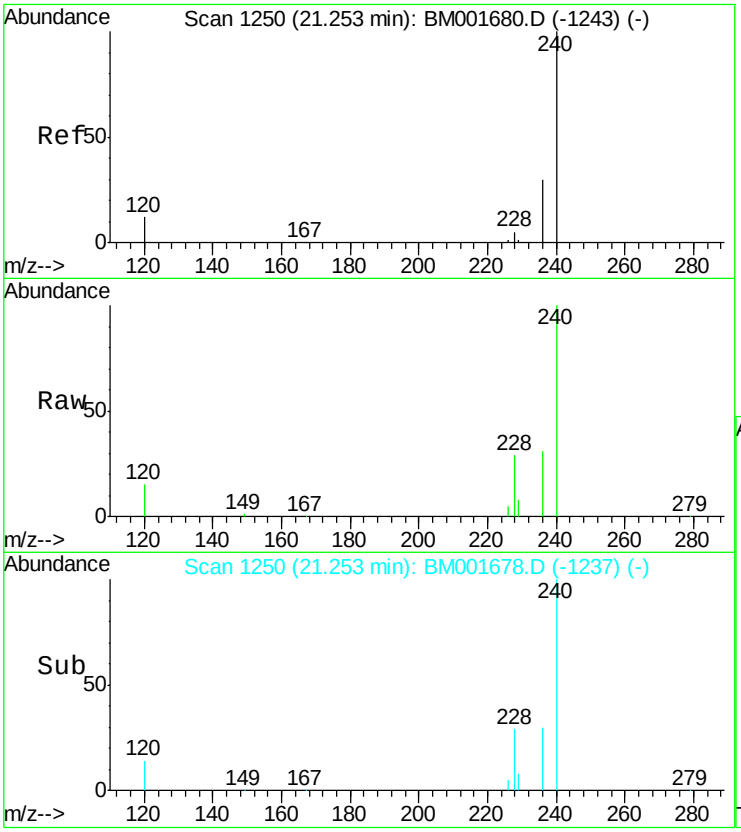


#24
Fluoranthene
Concen: 2.00 ng
RT: 19.13 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Tgt Ion:202 Resp: 76188

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.3	15.5
203	17.2	13.8	20.6



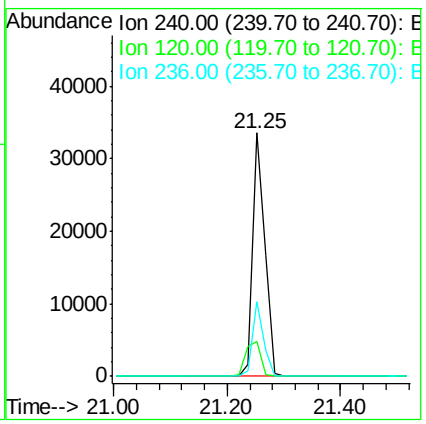


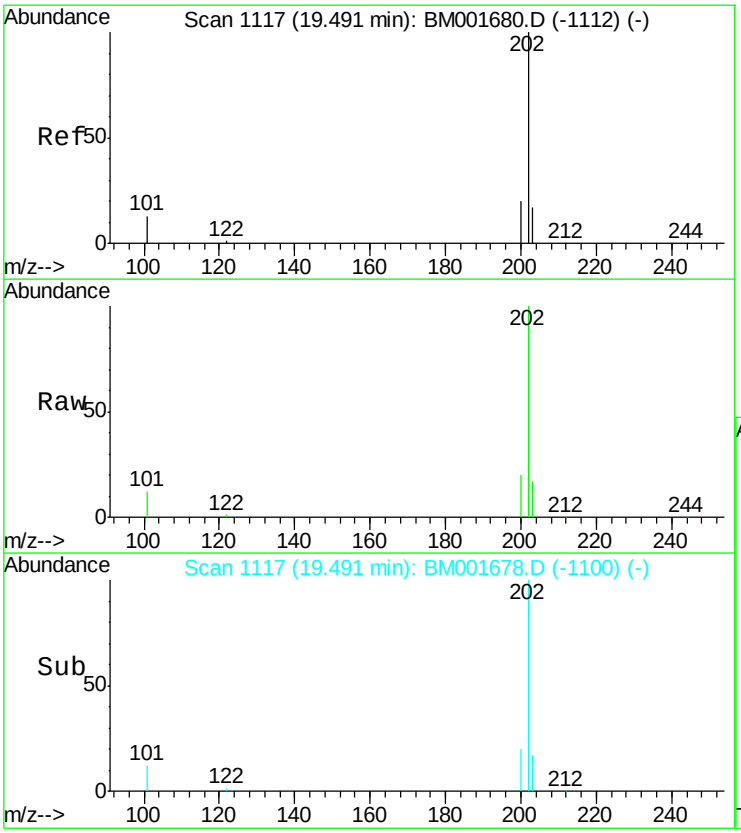
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 48570

Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.9	14.9
236	30.6	23.9	35.9

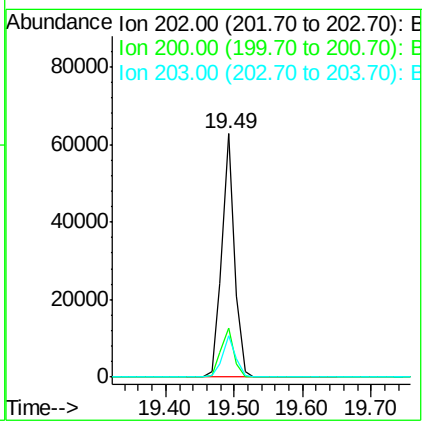


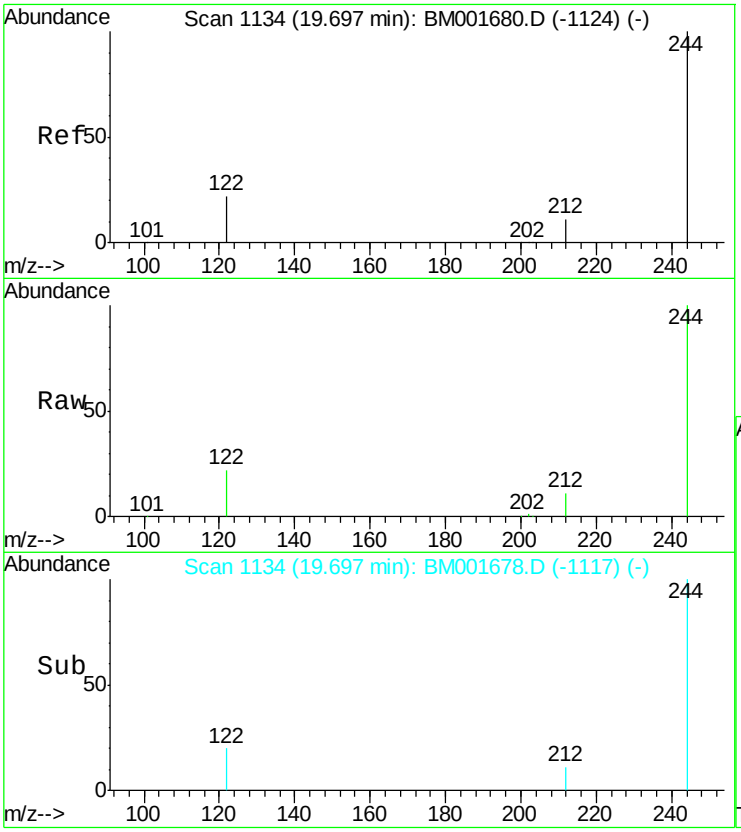


#26
Pyrene
Concen: 4.84 ng
RT: 19.49 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Tgt Ion:202 Resp: 80699

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.8	25.2
203	17.2	13.6	20.4



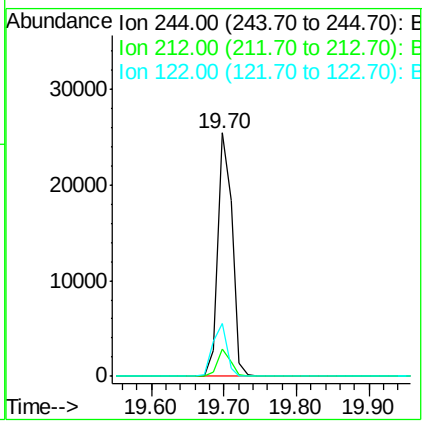


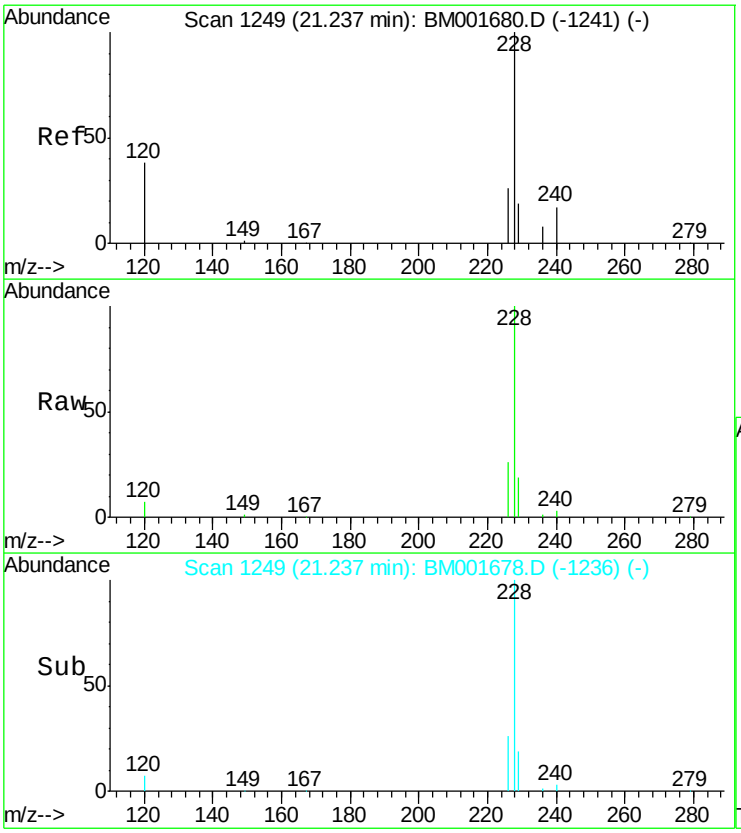
#27
Terphenyl-d14
Concen: 4.76 ng
RT: 19.70 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 34908

Ion	Ratio	Lower	Upper
244	100		
212	11.4	9.6	14.4
122	21.9	18.4	27.6

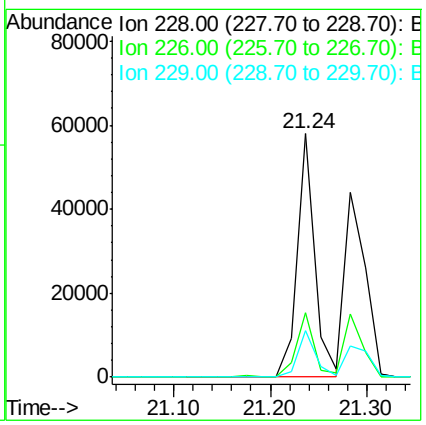


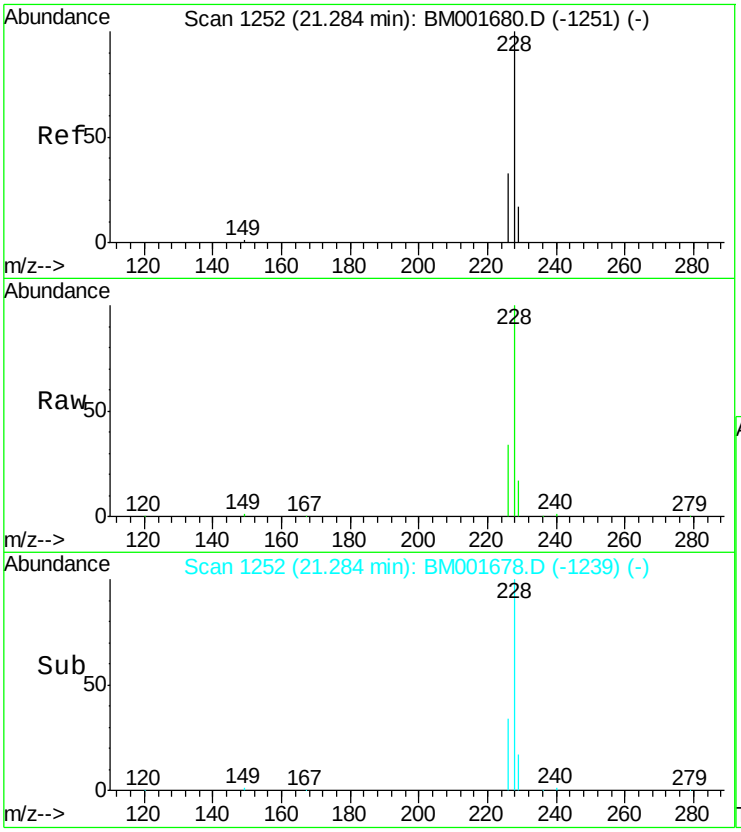


#28
Benzo(a)anthracene
Concen: 4.78 ng
RT: 21.24 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Tgt Ion:228 Resp: 73131

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.0	31.4
229	19.0	15.8	23.8



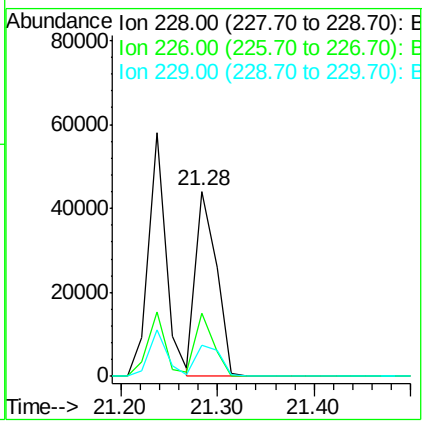


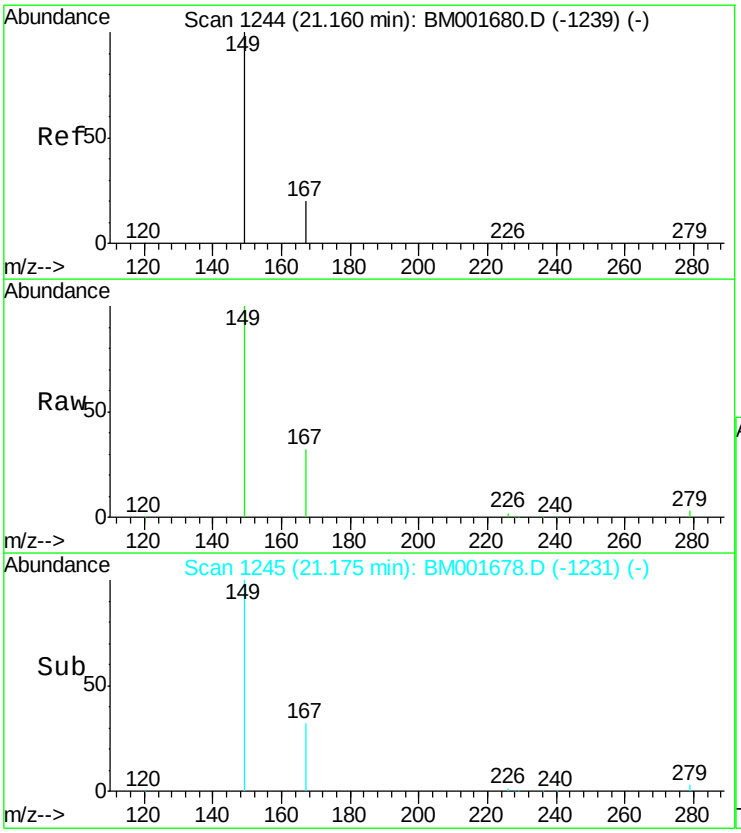
#29
Chrysene
Concen: 4.50 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 65858

Ion	Ratio	Lower	Upper
228	100		
226	34.2	27.4	41.0
229	16.9	13.7	20.5

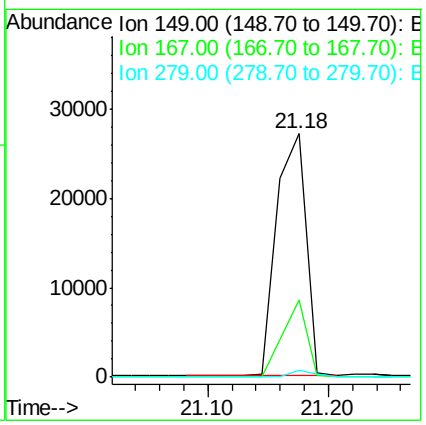


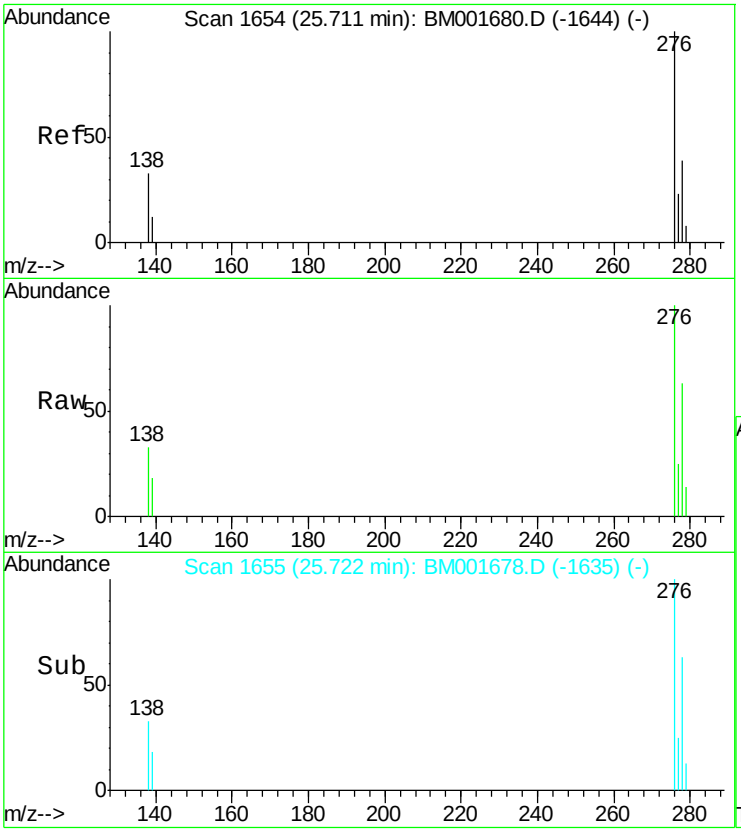


#30
Bis(2-ethylhexyl)phthalate
Concen: 4.89 ng
RT: 21.18 min Scan# 1245
Delta R.T. 0.02 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Tgt Ion:149 Resp: 46236

Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.4	30.6
279	2.1	1.7	2.5



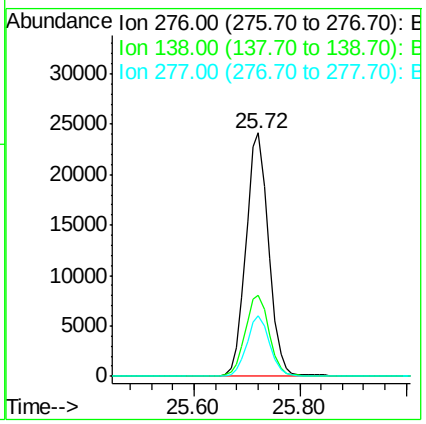


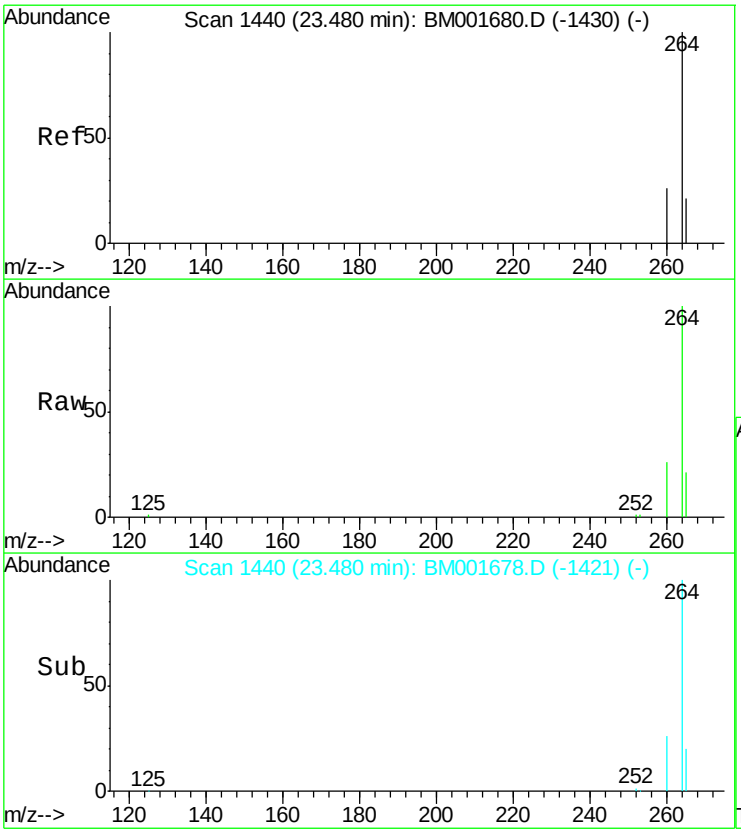
#31
Indeno(1,2,3-cd)pyrene
Concen: 5.89 ng
RT: 25.72 min Scan# 1655
Delta R.T. 0.01 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 70938

Ion	Ratio	Lower	Upper
276	100		
138	34.8	27.8	41.8
277	24.6	19.7	29.5

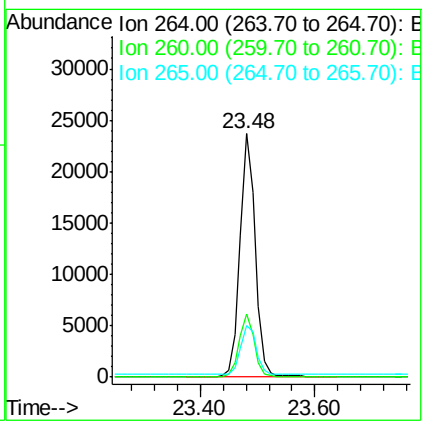


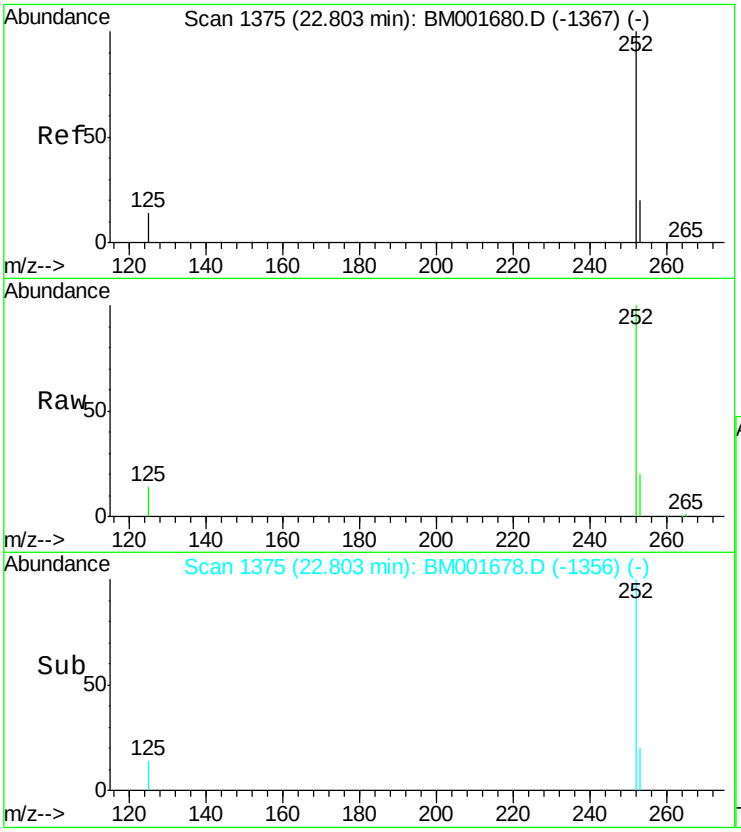


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.48 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Tgt Ion:264 Resp: 43439

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.8	31.2
265	21.4	17.3	25.9



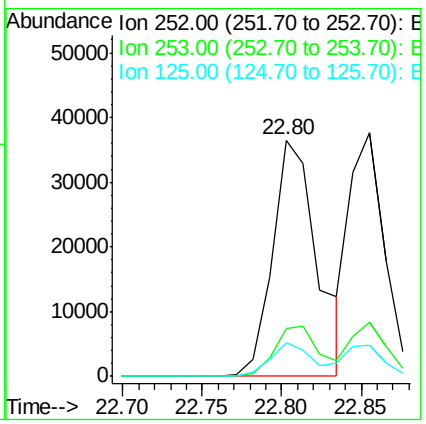


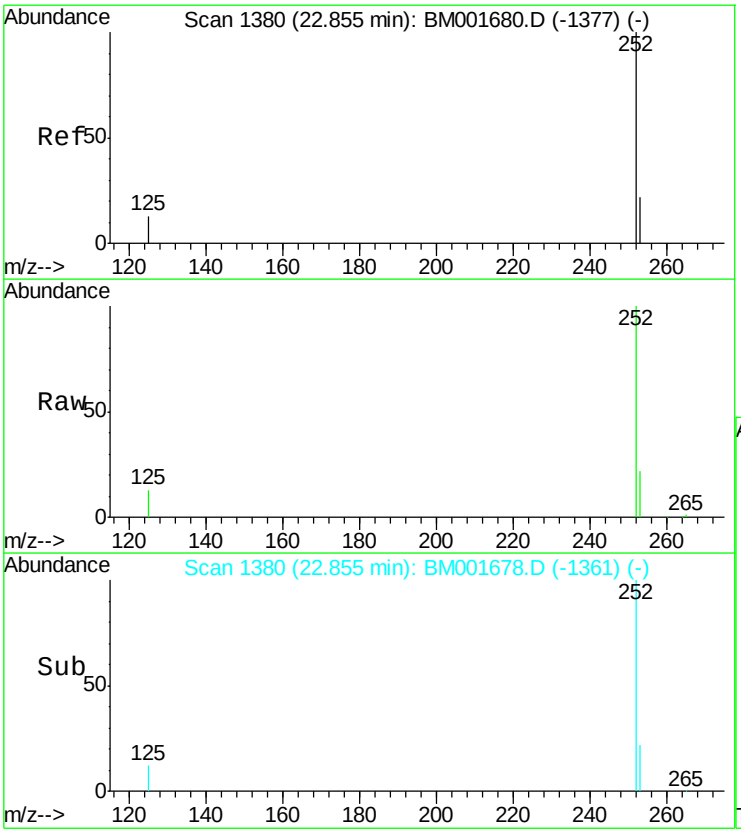
#33
Benzo(b)fluoranthene
Concen: 4.98 ng
RT: 22.80 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 70374

Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.4	26.0
125	14.3	12.3	18.5

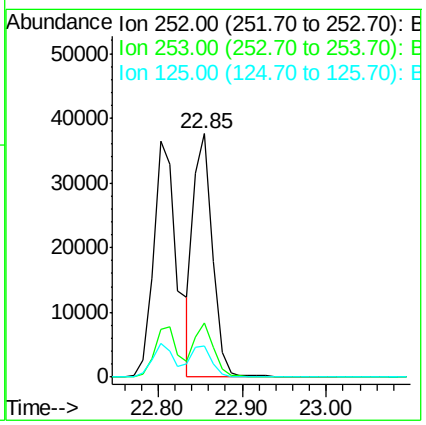


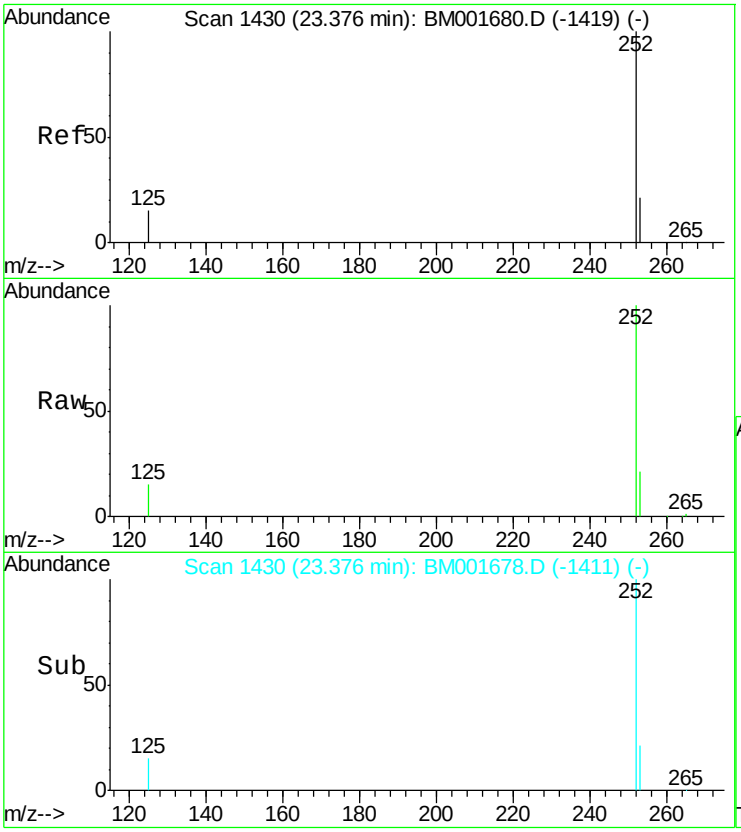


#34
Benzo(k)fluoranthene
Concen: 4.17 ng
RT: 22.85 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Tgt Ion:252 Resp: 57443

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.4	29.0
125	12.7	11.0	16.4



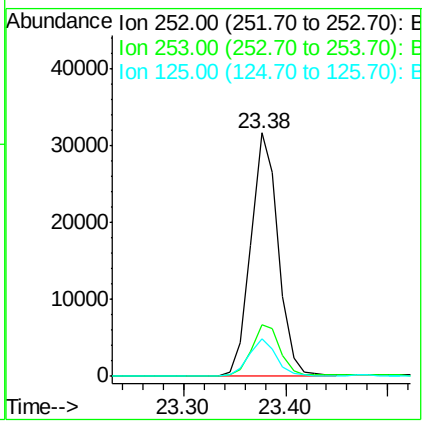


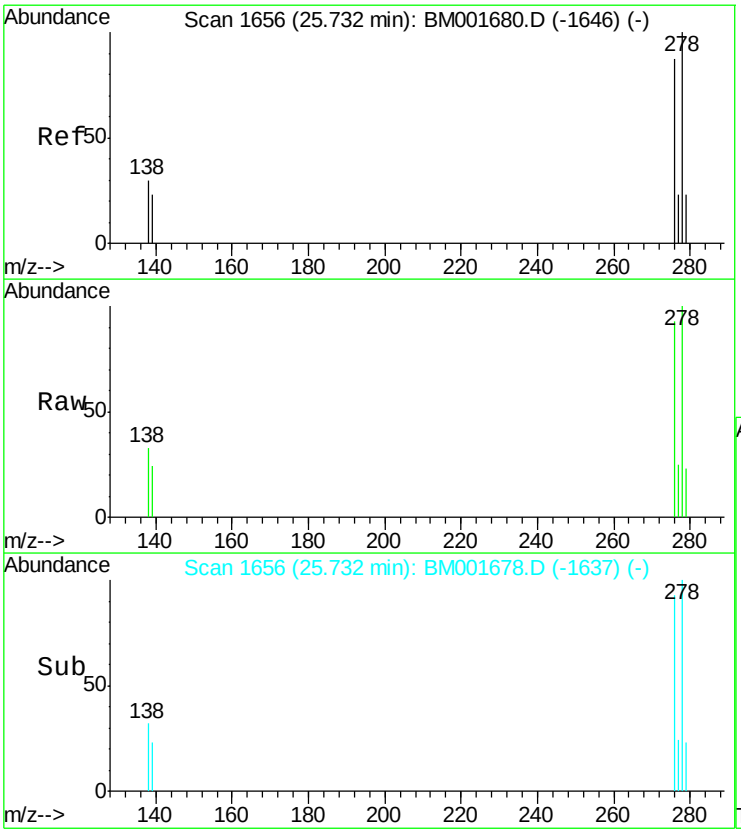
#35
Benzo(a)pyrene
Concen: 4.90 ng
RT: 23.38 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 58312

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.8	26.8
125	15.5	13.4	20.2

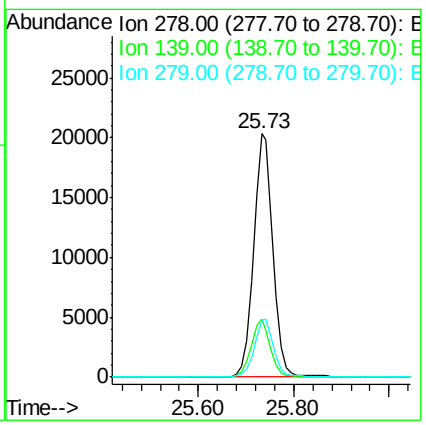


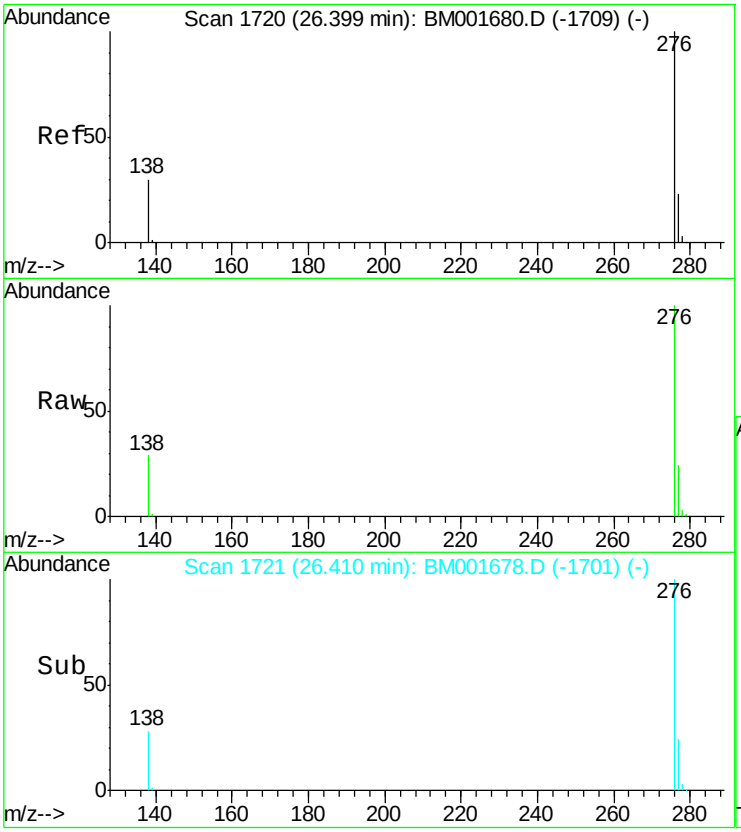


#36
Dibenzo(a,h)anthracene
Concen: 5.55 ng
RT: 25.73 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Tgt Ion:278 Resp: 56988

Ion	Ratio	Lower	Upper
278	100		
139	23.7	19.4	29.0
279	23.2	19.4	29.2





#37
Benzo(g,h,i)perylene
Concen: 5.26 ng
RT: 26.41 min Scan# 1721
Delta R.T. 0.01 min
Lab File: BM001678.D
Acq: 12 Jun 2015 20:18

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 58011

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	28.7	25.0	37.6