Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061315\
Data File : BM001688.D
Acq On : 13 Jun 2015 02:23
Operator : TP/IZ
Sample : PB83987BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB83987BSD

Quant Time: Jun 13 03:23:49 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 02:11:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	15357	5.00	ng		0.00
6) Naphthalene-d8	10.46	136	57095	5.00	ng		0.00
12) Acenaphthene-d10	14.32	164	28101	5.00	ng		0.00
18) Phenanthrene-d10	17.06	188	85040	5.00	ng		0.00
25) Chrysene-d12	21.25	240	48898	5.00	ng		0.00
32) Perylene-d12	23.48	264	43849	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	36168	9.77	ng		0.00
5) Phenol-d6	6.83	99	48527	10.40	ng		0.00
7) Nitrobenzene-d5	8.83	82	30392	6.75	ng		0.00
13) 2,4,6-Tribromophenol	15.80	330	7041	10.72	ng		0.00
14) 2-Fluorobiphenyl	12.94	172	63113	6.33	ng		0.00
27) Terphenyl-d14	19.70	244	47901	6.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	10611	6.58	ng		97
3) n-Nitrosodimethylamine	3.48	42	18585	6.69	ng		94
8) Nitrobenzene	8.87	77	34350	7.06	ng		98
9) Naphthalene	10.51	128	88067	6.39	ng		98
10) Hexachlorobutadiene	10.78	225	15037	6.51	ng		99
11) 2-Methylnaphthalene	12.13	142	58522	6.63	ng		97
15) Acenaphthylene	14.03	152	94325	7.03	ng		100
16) Acenaphthene	14.39	154	54791	6.64	ng		100
17) Fluorene	15.36	166	86271	7.07	ng		100
19) 4-Bromophenyl-phenylether	16.24	248	11751	7.30	ng		99
20) Hexachlorobenzene	16.38	284	21103	6.90	ng	#	100
21) Pentachlorophenol	16.72	266	202386	100.10	ng		96
22) Phenanthrene	17.09	178	144174	7.60	ng		99
23) Anthracene	17.19	178	115143	7.59	ng		100
24) Fluoranthene	19.13	202	114507	7.39	ng		99
26) Pyrene	19.49	202	126121	7.64	ng		99
28) Benzo(a)anthracene	21.24	228	117224	7.60	ng		97
29) Chrysene	21.28	228	98255	6.85	ng		95
30) Bis(2-ethylhexyl)phthalate	21.16	149	74716	7.09	ng		98
31) Indeno(1,2,3-cd)pyrene	25.71	276	108286	7.17	ng		99
33) Benzo(b)fluoranthene	22.80	252	101092	7.35	ng		98
34) Benzo(k)fluoranthene	22.84	252	97254	7.50	ng		95
35) Benzo(a)pyrene	23.38	252	93283	7.78	ng		98
36) Dibenzo(a,h)anthracene	25.73	278	87715	7.38	ng		97
37) Benzo(g,h,i)perylene	26.40	276	90393	7.24	ng		98

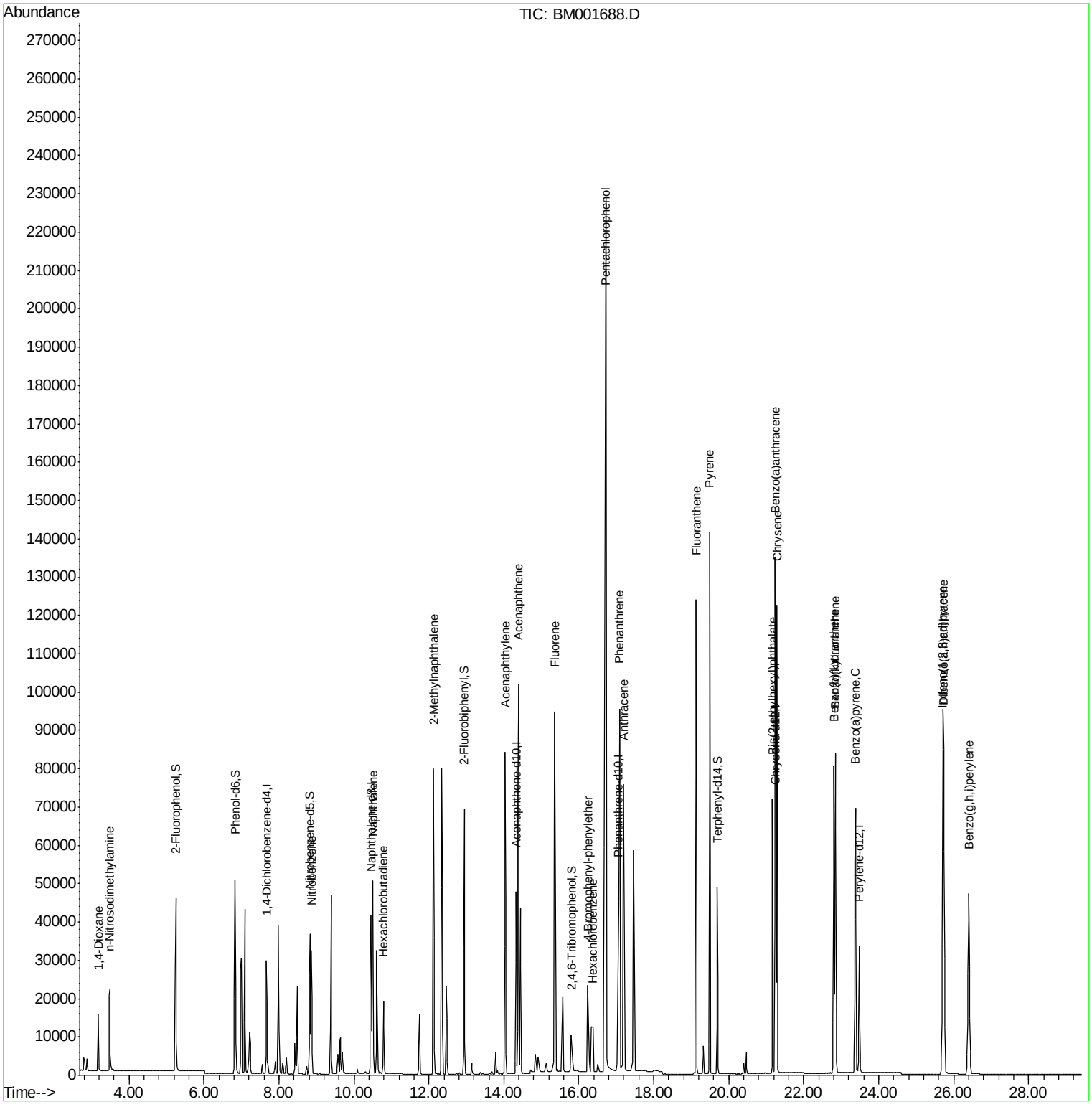
(#) = qualifier out of range (m) = manual integration (+) = signals summed

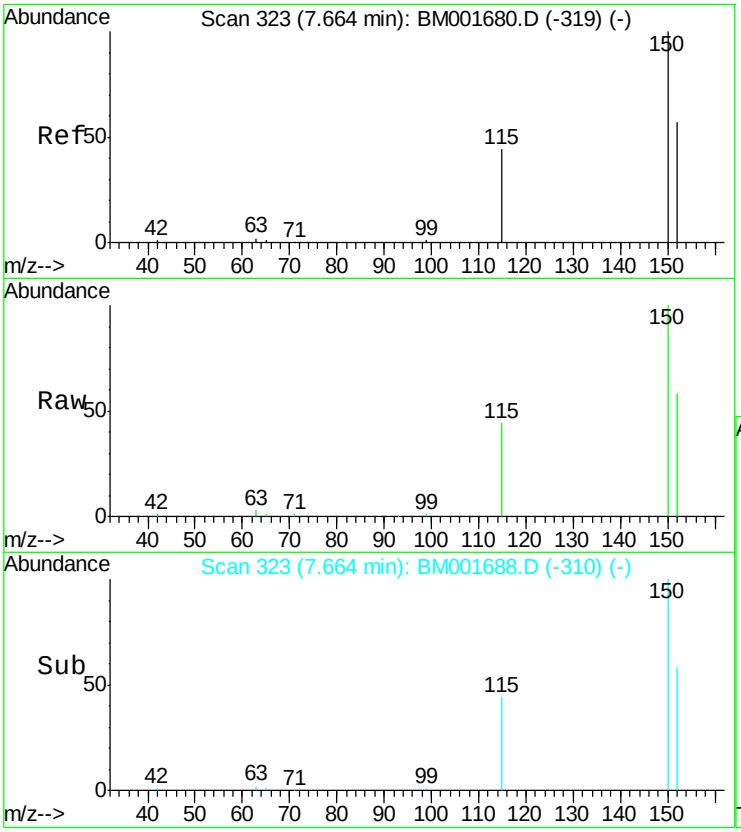
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061315\
Data File : BM001688.D
Acq On : 13 Jun 2015 02:23
Operator : TP/IZ
Sample : PB83987BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB83987BSD

Quant Time: Jun 13 03:23:49 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 02:11:48 2015
Response via : Initial Calibration



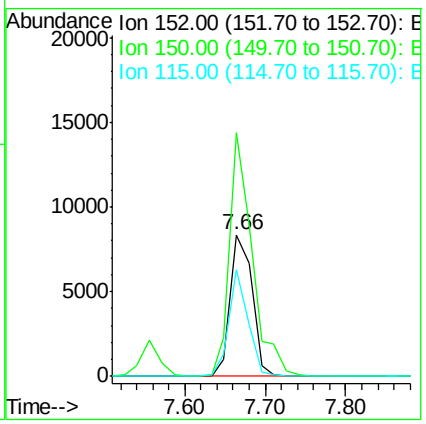


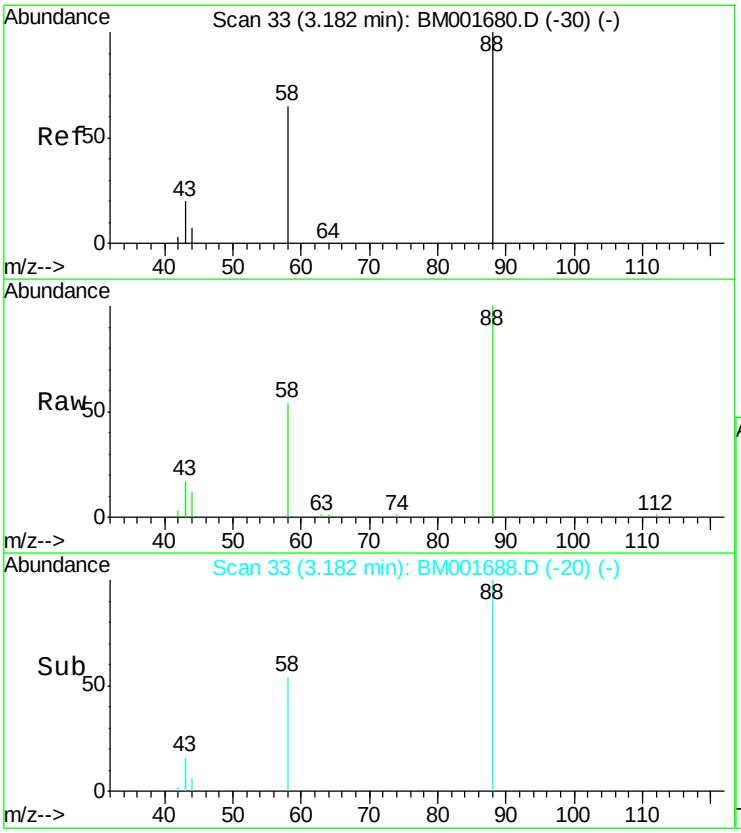
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.66 min Scan# 323
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Instrument :
BNA_M
ClientSampleId :
PB83987BSD

Tgt Ion:152 Resp: 15357

Ion	Ratio	Lower	Upper
152	100		
150	172.0	139.6	209.4
115	75.4	62.5	93.7

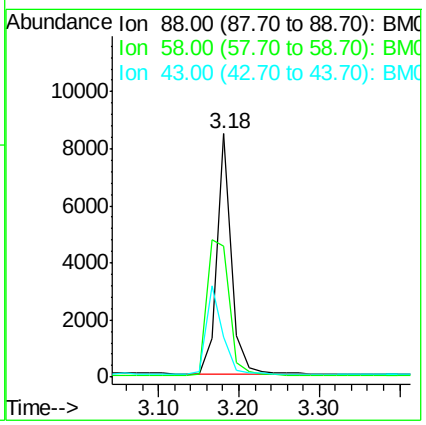


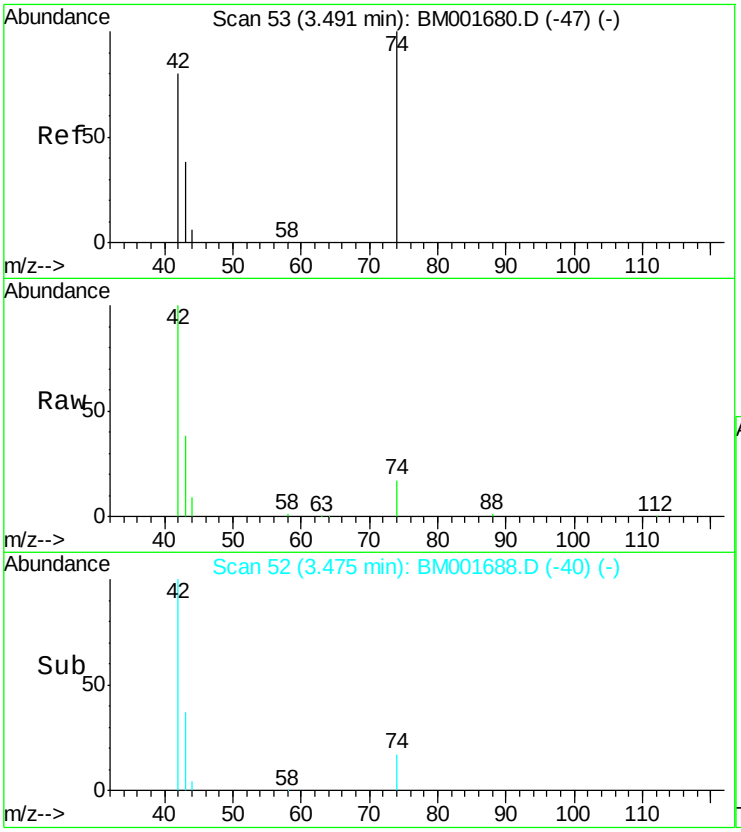


#2
1,4-Dioxane
Concen: 6.58 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Tgt Ion: 88 Resp: 10611

Ion	Ratio	Lower	Upper
88	100		
58	87.9	68.1	102.1
43	41.4	31.8	47.6



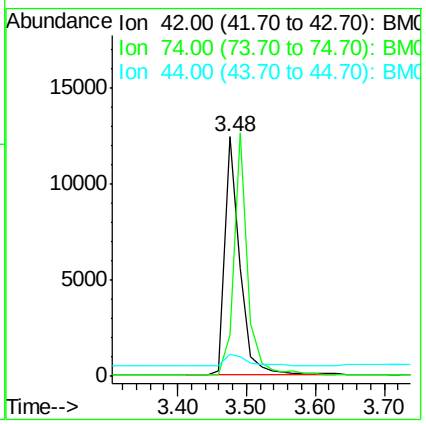


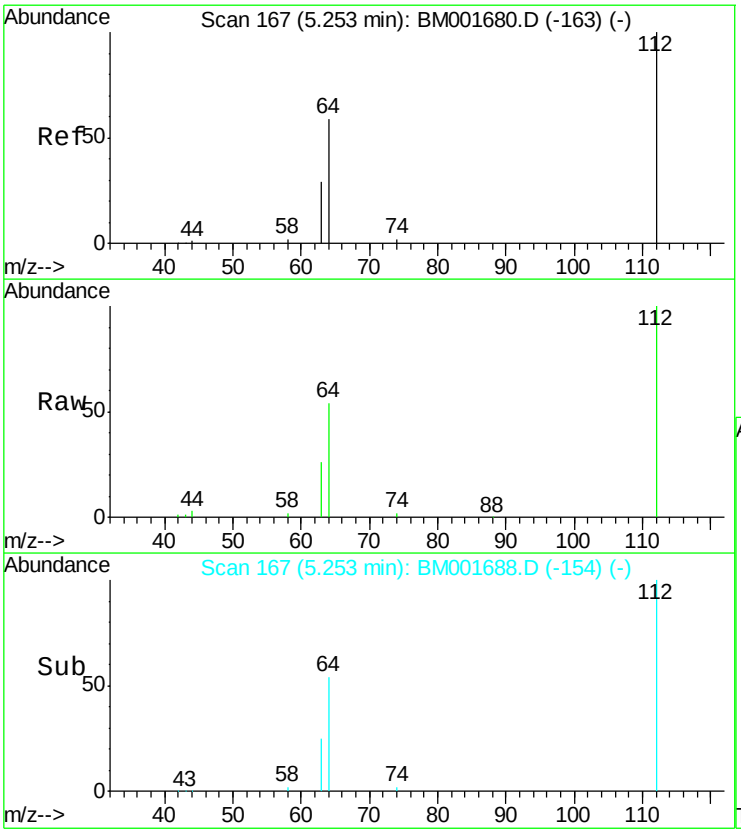
#3
n-Nitrosodimethylamine
Concen: 6.69 ng
RT: 3.48 min Scan# 52
Delta R.T. -0.02 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Instrument :
BNA_M
ClientSampleId :
PB83987BSD

Tgt Ion: 42 Resp: 18585

Ion	Ratio	Lower	Upper
42	100		
74	94.6	80.5	120.7
44	6.1	5.4	8.0

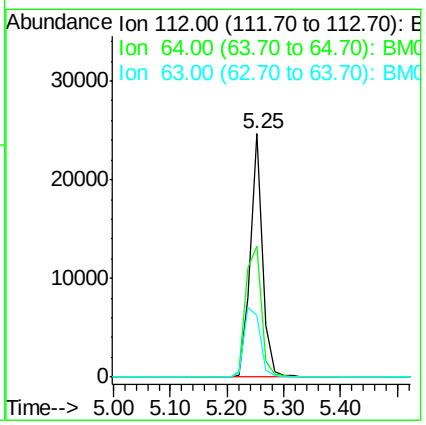


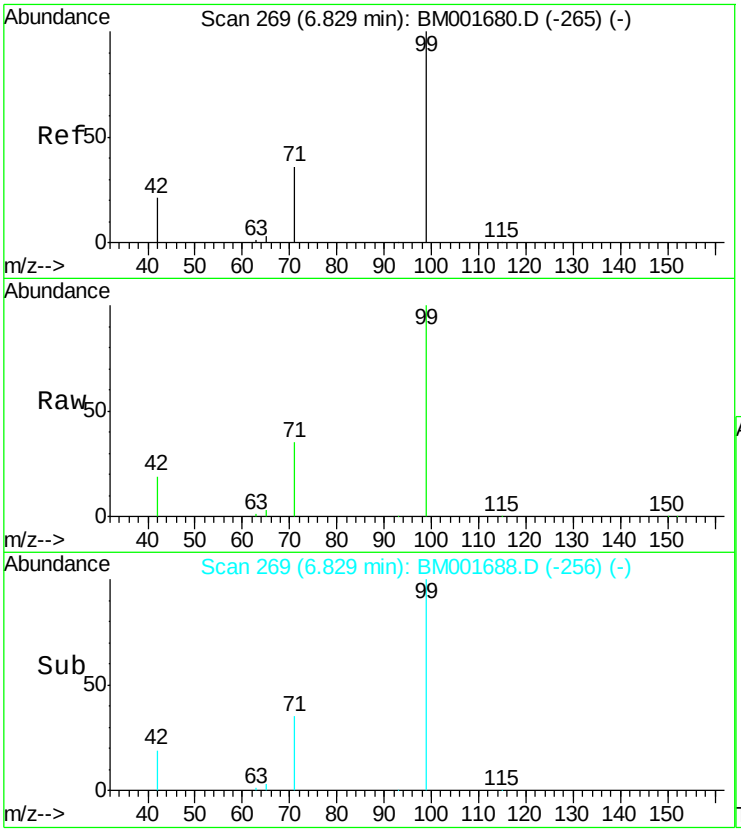


#4
2-Fluorophenol
Concen: 9.77 ng
RT: 5.25 min Scan# 167
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Tgt Ion:112 Resp: 36168

Ion	Ratio	Lower	Upper
112	100		
64	68.5	54.9	82.3
63	37.6	30.5	45.7



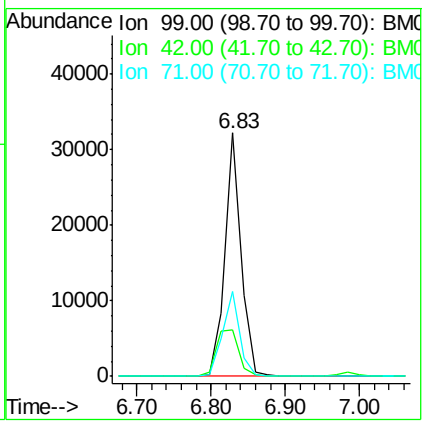


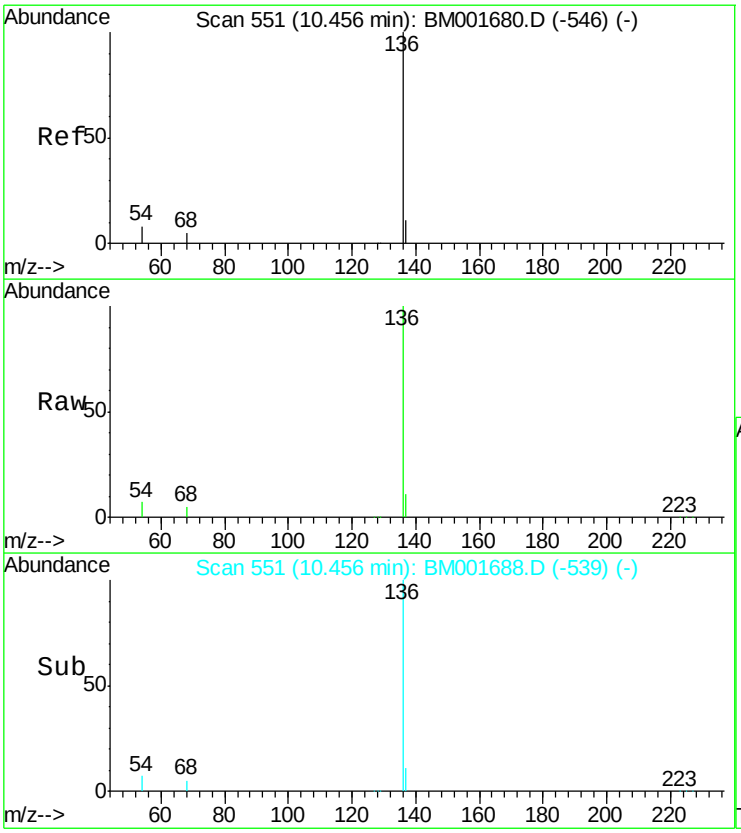
#5
Phenol-d6
Concen: 10.40 ng
RT: 6.83 min Scan# 269
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Instrument :
BNA_M
ClientSampleId :
PB83987BSD

Tgt Ion: 99 Resp: 48527

Ion	Ratio	Lower	Upper
99	100		
42	26.2	21.0	31.6
71	36.0	28.7	43.1

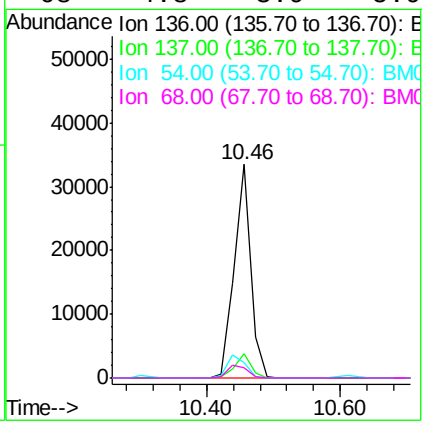


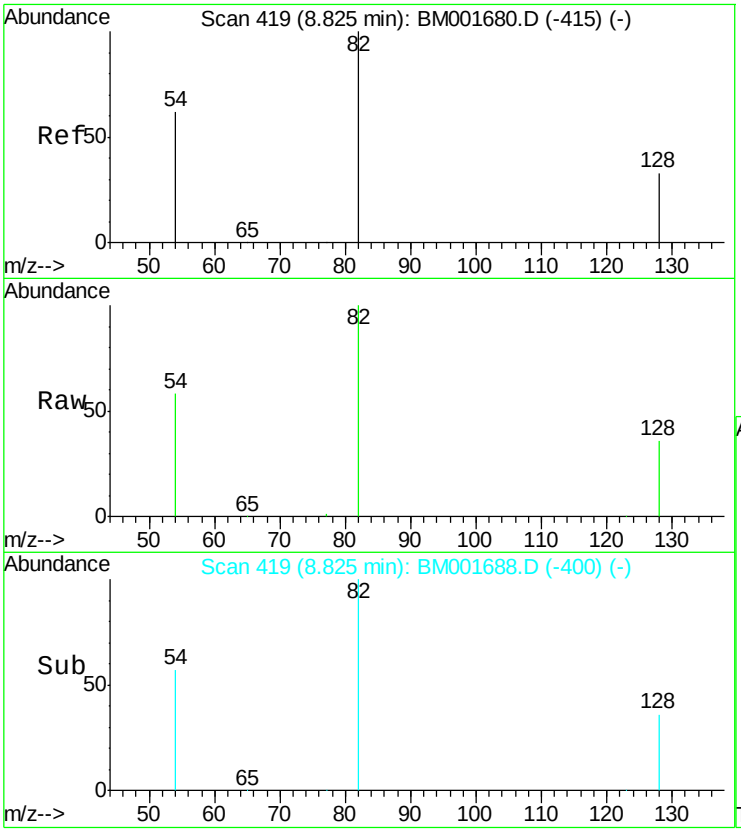


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.46 min Scan# 551
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Tgt Ion:136 Resp: 57095

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.3	6.2	9.4
68	4.8	3.9	5.9



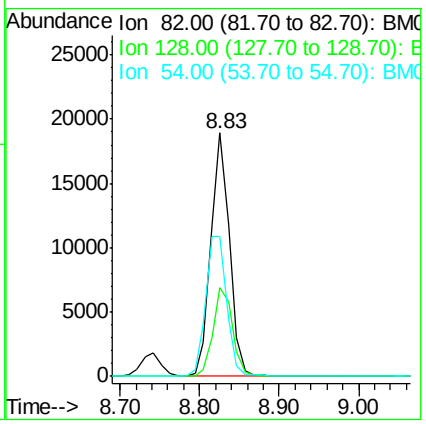


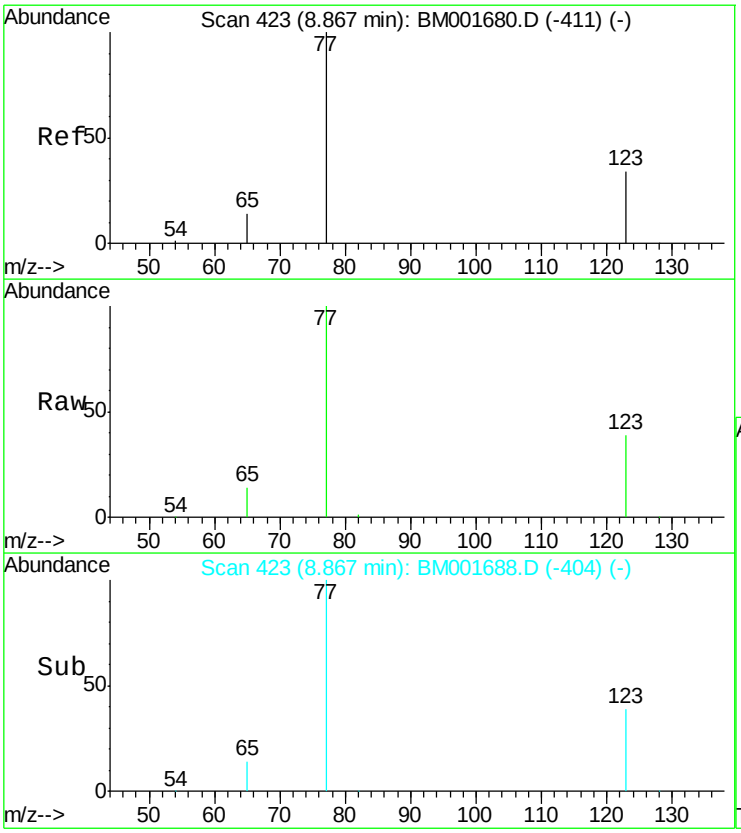
#7
Nitrobenzene-d5
Concen: 6.75 ng
RT: 8.83 min Scan# 419
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Instrument :
BNA_M
ClientSampleId :
PB83987BSD

Tgt Ion: 82 Resp: 30392

Ion	Ratio	Lower	Upper
82	100		
128	36.2	27.6	41.4
54	57.6	50.1	75.1

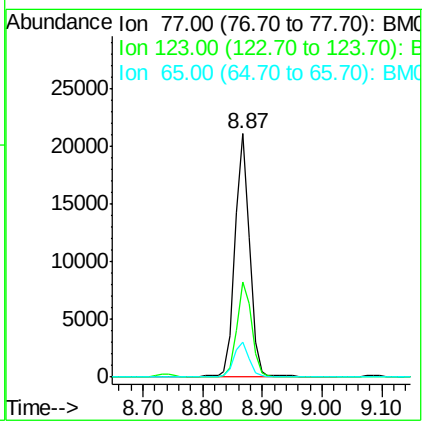


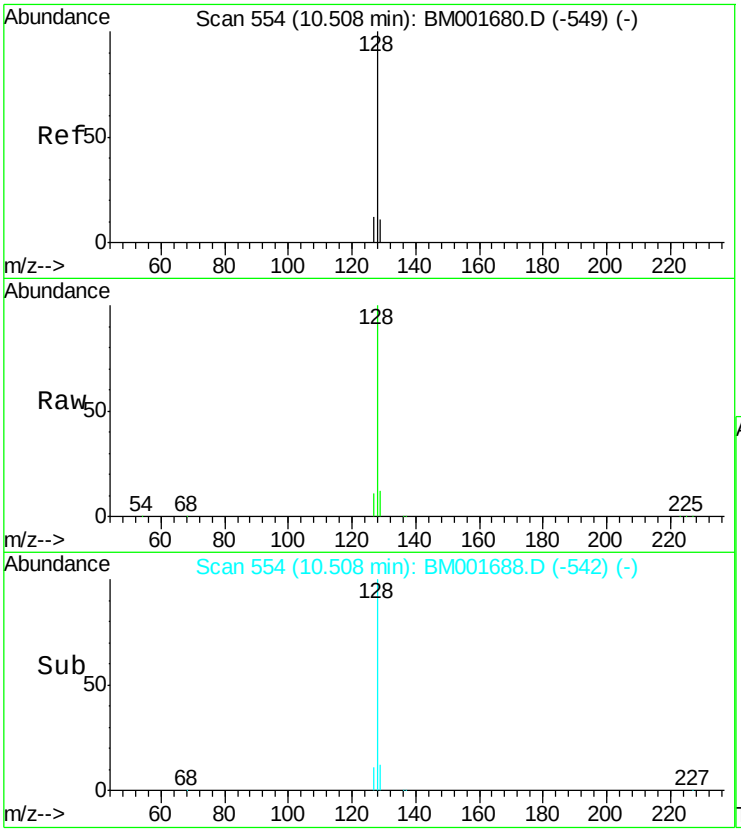


#8
Nitrobenzene
Concen: 7.06 ng
RT: 8.87 min Scan# 423
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Tgt Ion: 77 Resp: 34350

Ion	Ratio	Lower	Upper
77	100		
123	39.6	30.6	46.0
65	14.5	11.5	17.3



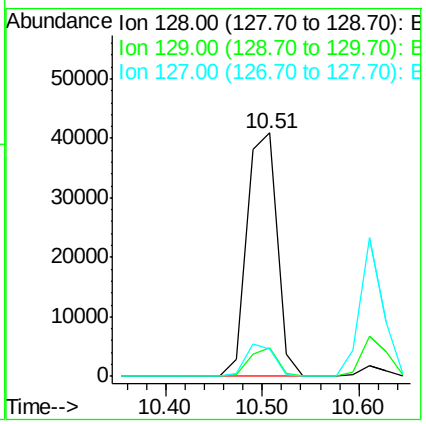


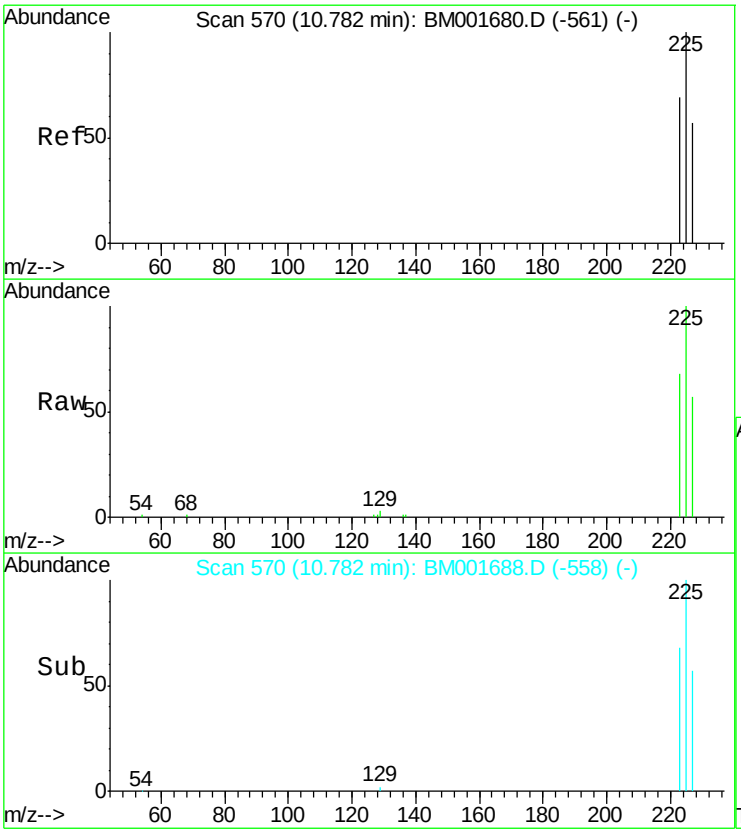
#9
Naphthalene
Concen: 6.39 ng
RT: 10.51 min Scan# 554
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Instrument :
BNA_M
ClientSampleId :
PB83987BSD

Tgt Ion:128 Resp: 88067

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.7	14.5
127	11.3	9.8	14.6

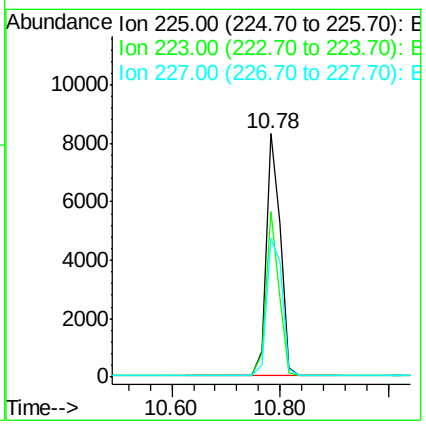


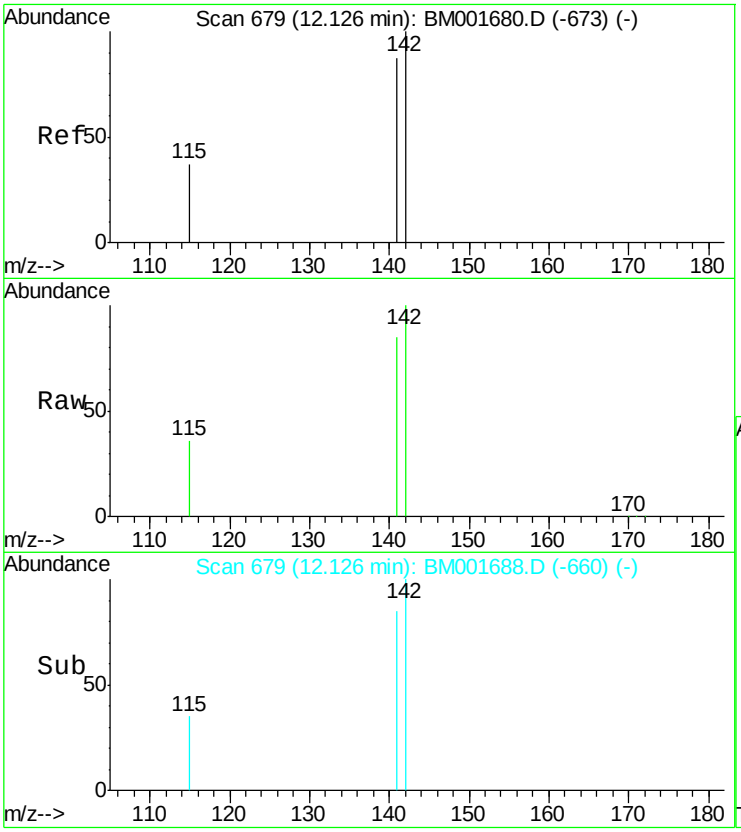


#10
Hexachlorobutadiene
Concen: 6.51 ng
RT: 10.78 min Scan# 570
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Tgt Ion:225 Resp: 15037

Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.7	74.5
227	63.1	51.1	76.7



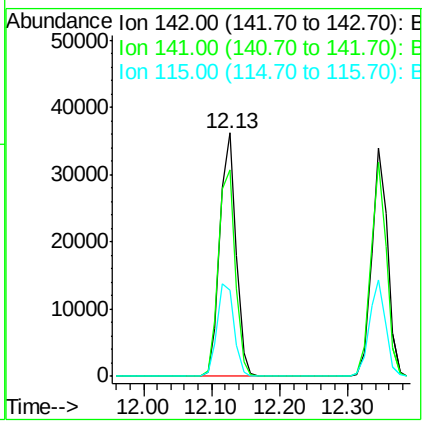


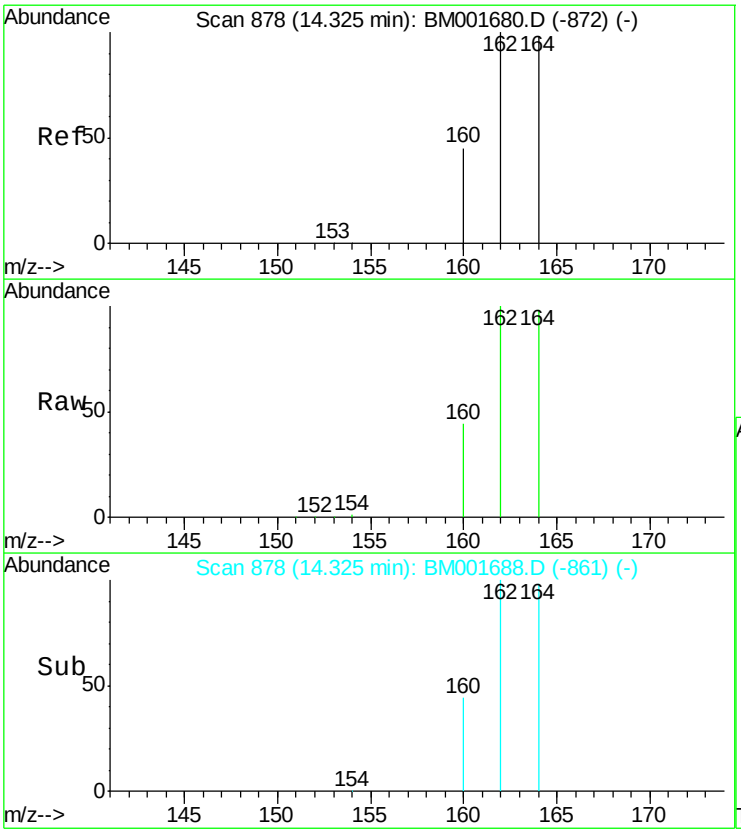
#11
2-Methylnaphthalene
Concen: 6.63 ng
RT: 12.13 min Scan# 679
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Instrument :
BNA_M
ClientSampleId :
PB83987BSD

Tgt Ion:142 Resp: 58522

Ion	Ratio	Lower	Upper
142	100		
141	84.7	69.5	104.3
115	35.6	30.2	45.4

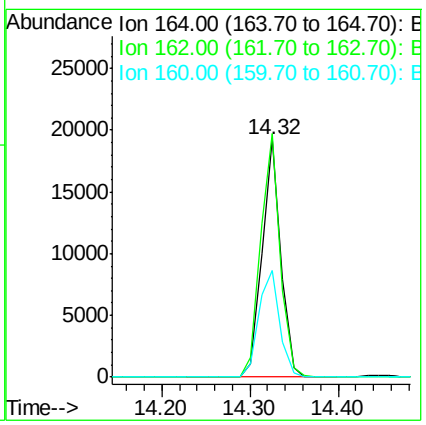


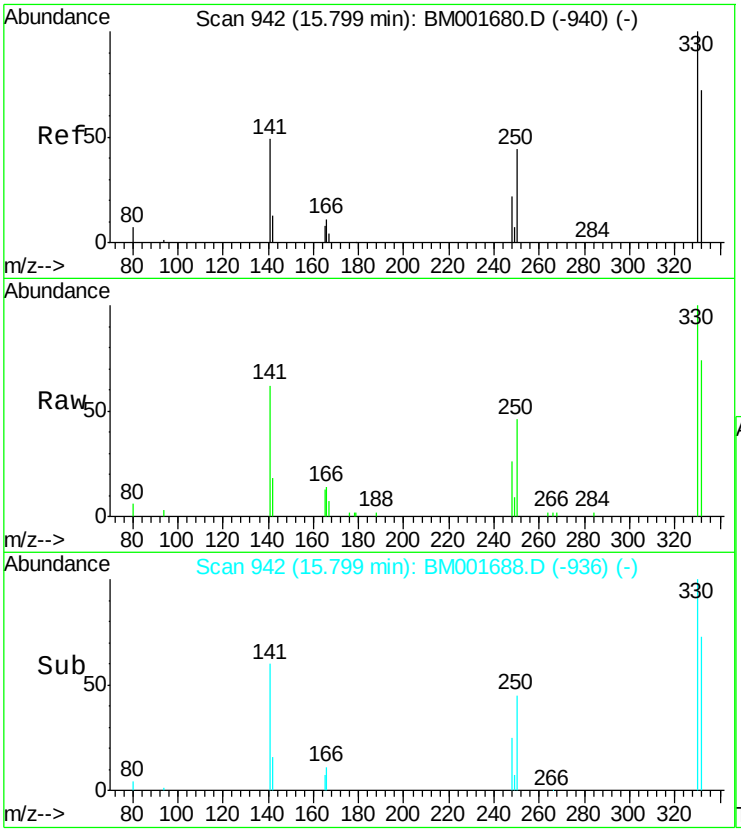


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.32 min Scan# 878
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Tgt Ion:164 Resp: 28101

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.0	123.0
160	44.9	36.6	55.0



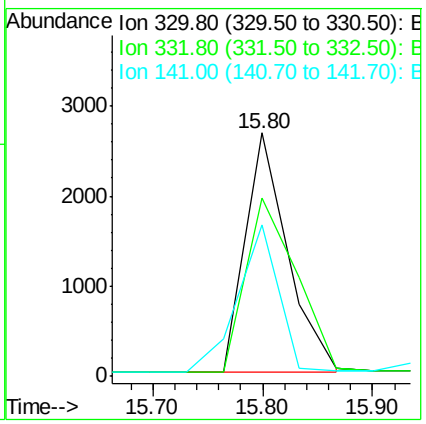


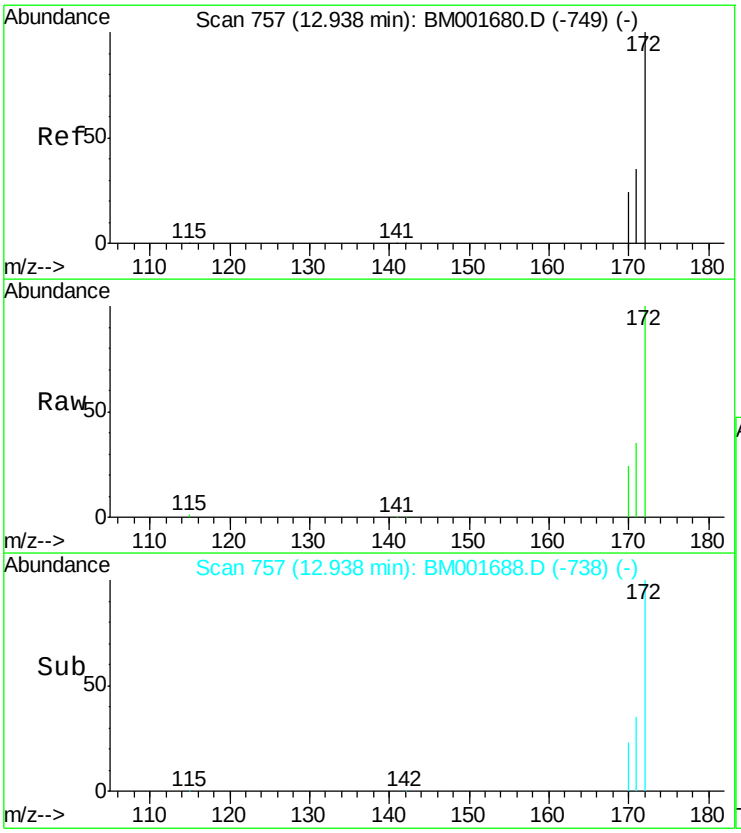
#13
2,4,6-Tribromophenol
Concen: 10.72 ng
RT: 15.80 min Scan# 942
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Instrument :
BNA_M
ClientSampleId :
PB83987BSD

Tgt Ion:330 Resp: 7041

Ion	Ratio	Lower	Upper
330	100		
332	87.6	68.6	103.0
141	59.1	39.0	58.4#

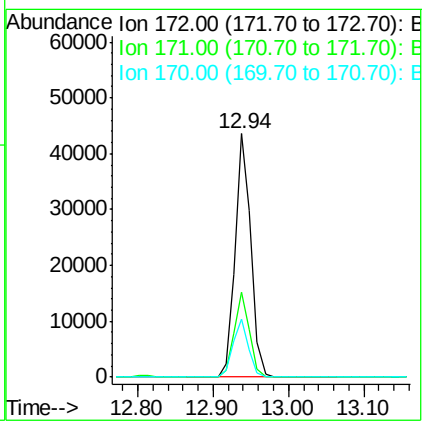


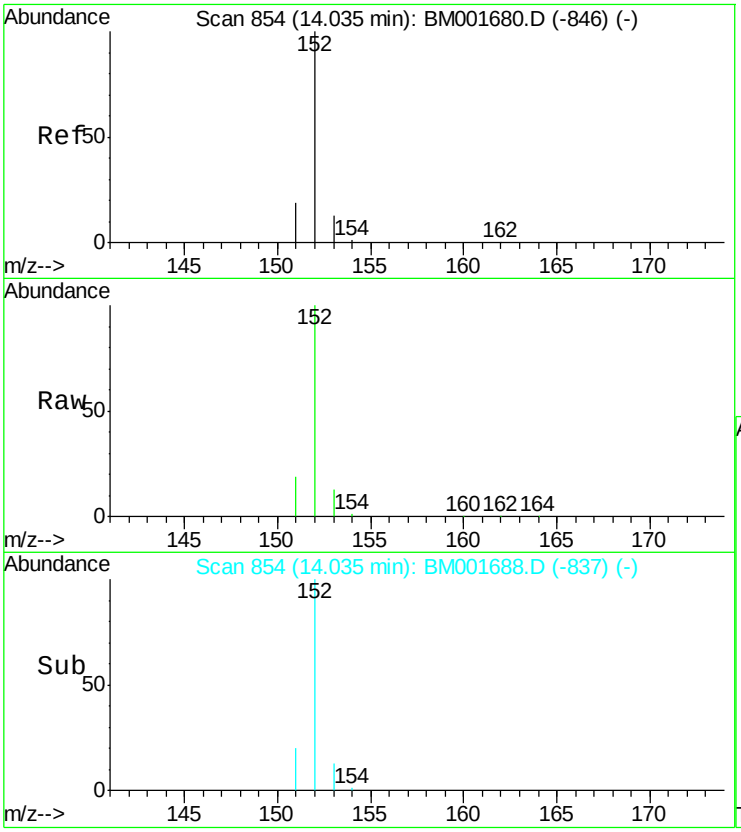


#14
2-Fluorobiphenyl
Concen: 6.33 ng
RT: 12.94 min Scan# 757
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Tgt Ion:172 Resp: 63113

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.4	42.6
170	23.6	19.5	29.3



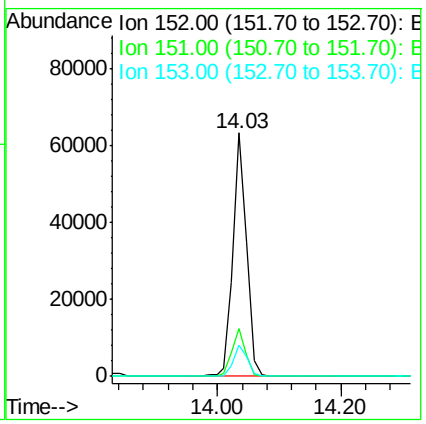


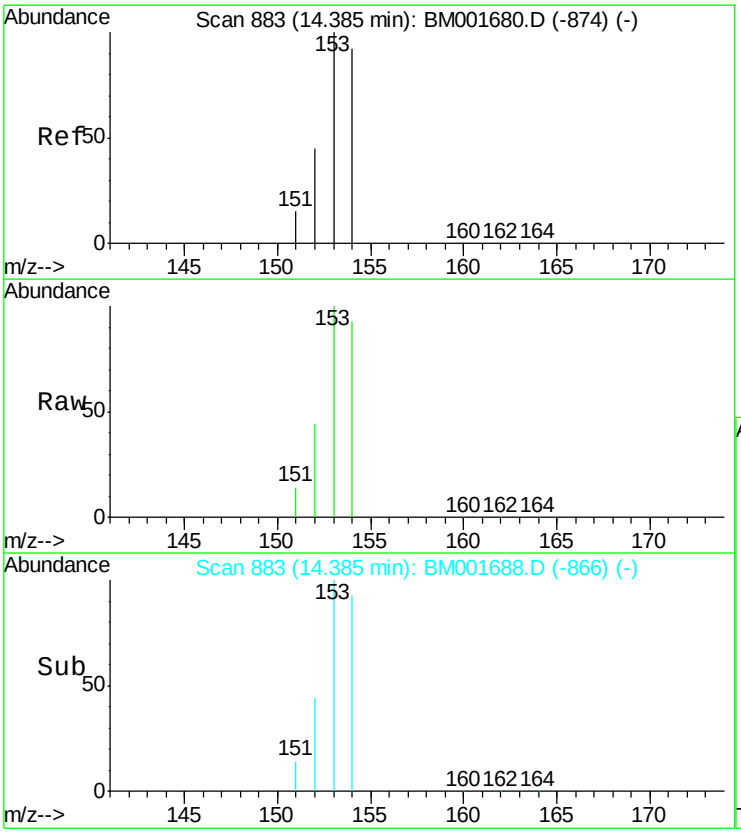
#15
Acenaphthylene
Concen: 7.03 ng
RT: 14.03 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Instrument :
BNA_M
ClientSampleId :
PB83987BSD

Tgt Ion:152 Resp: 94325

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.3	22.9
153	12.9	10.3	15.5

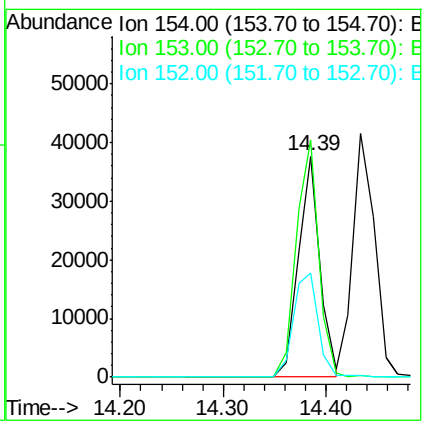


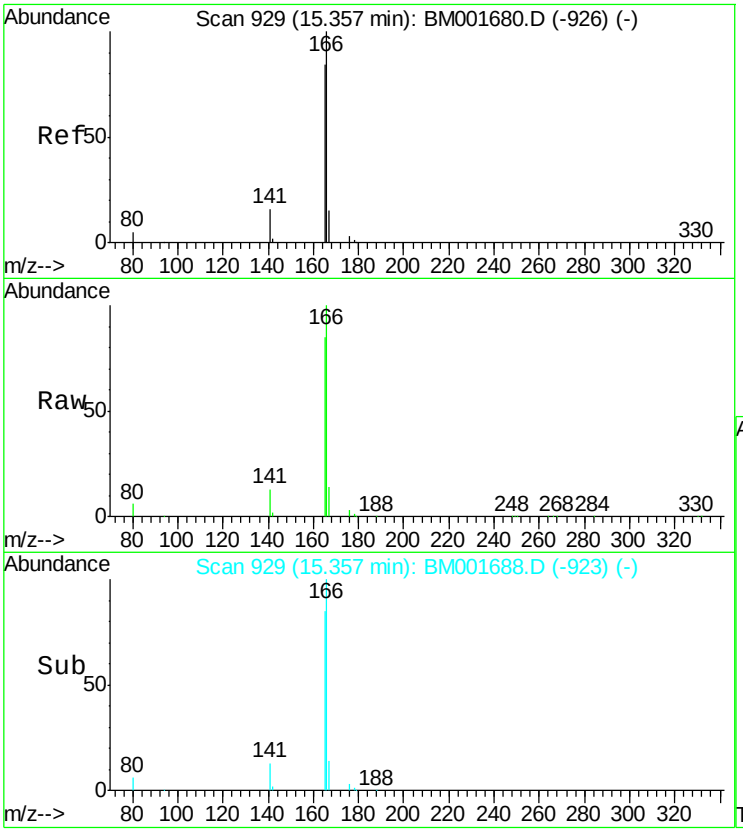


#16
Acenaphthene
Concen: 6.64 ng
RT: 14.39 min Scan# 883
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Tgt Ion:154 Resp: 54791

Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.3	133.9
152	54.3	43.7	65.5



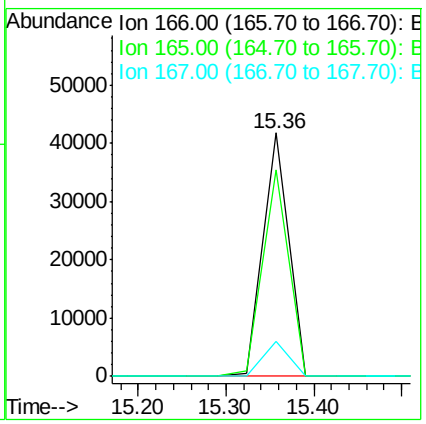


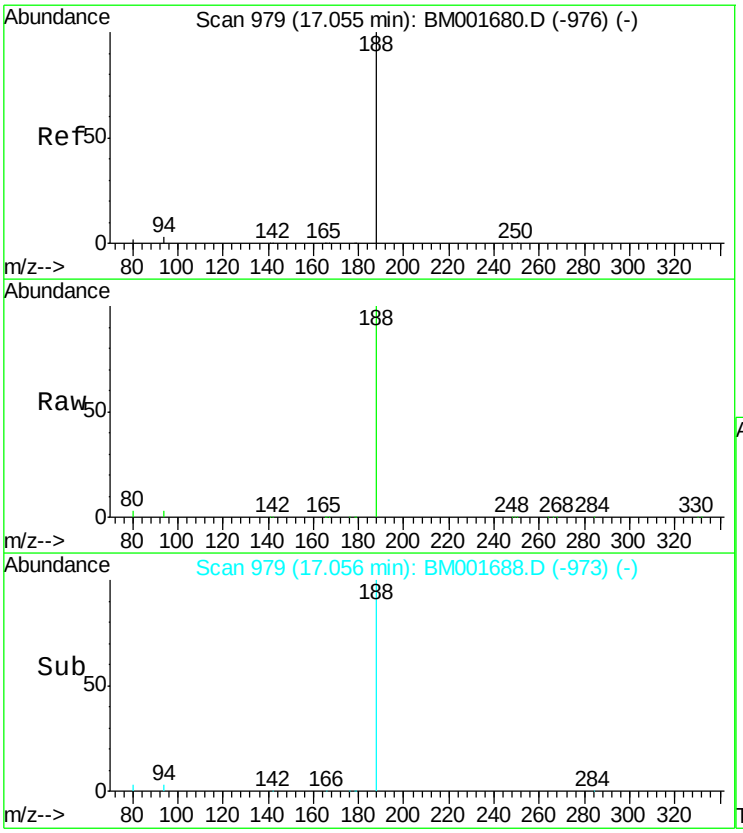
#17
Fluorene
Concen: 7.07 ng
RT: 15.36 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Instrument :
BNA_M
ClientSampleId :
PB83987BSD

Tgt Ion:166 Resp: 86271

Ion	Ratio	Lower	Upper
166	100		
165	85.6	68.5	102.7
167	14.2	11.8	17.6

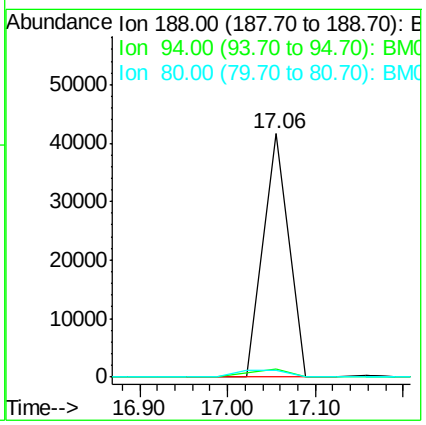


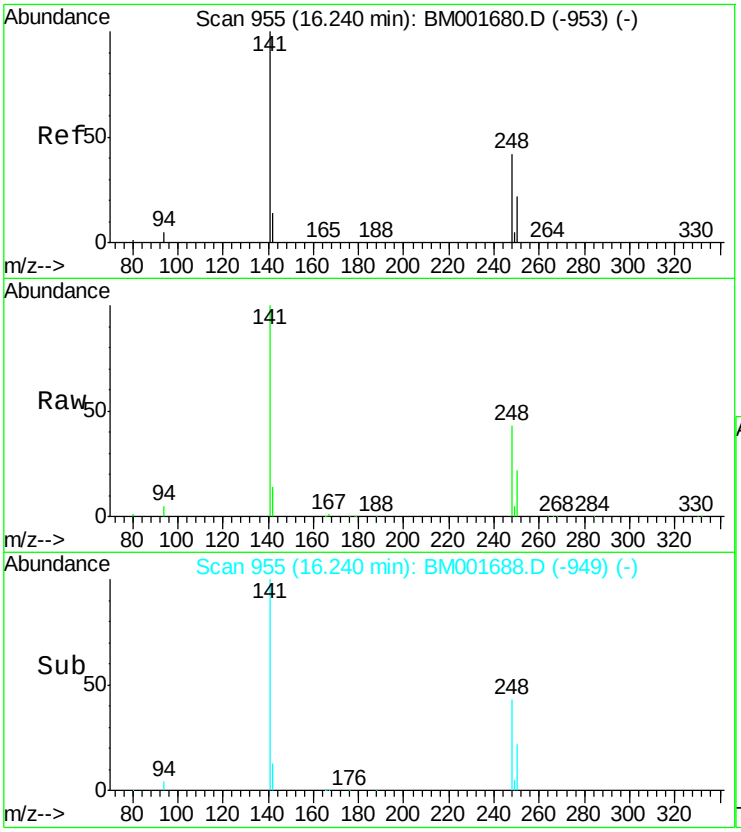


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Tgt Ion:188 Resp: 85040

Ion	Ratio	Lower	Upper
188	100		
94	3.1	2.2	3.2
80	2.8	1.8	2.8#



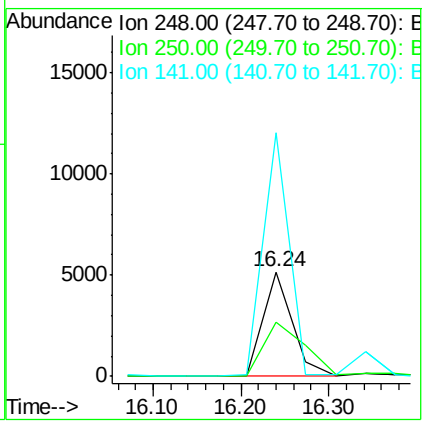


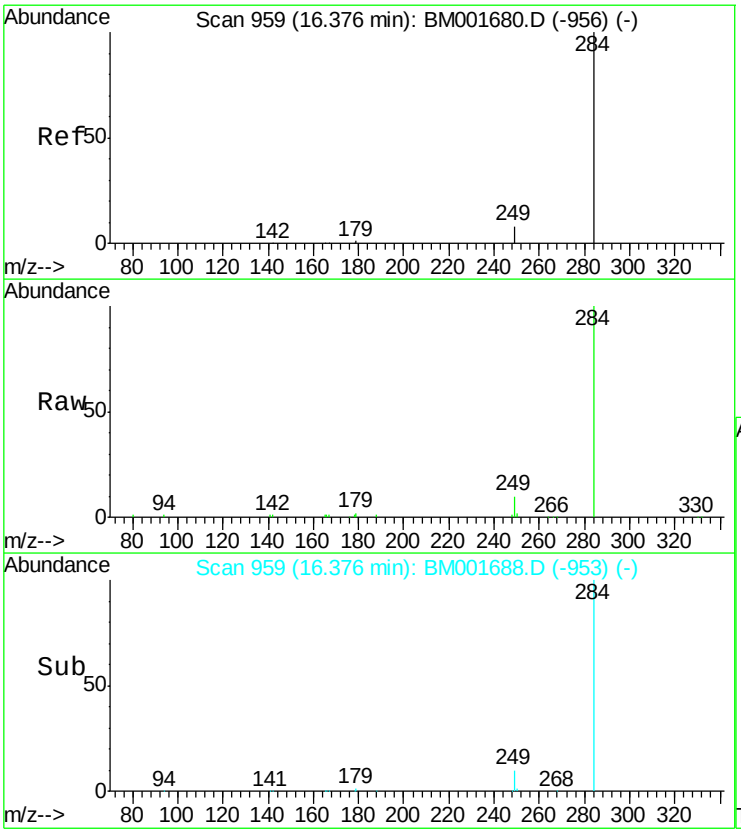
#19
4-Bromophenyl-phenylether
Concen: 7.30 ng
RT: 16.24 min Scan# 955
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Instrument :
BNA_M
ClientSampleId :
PB83987BSD

Tgt Ion:248 Resp: 11751

Ion	Ratio	Lower	Upper
248	100		
250	71.5	59.7	89.5
141	208.5	166.4	249.6

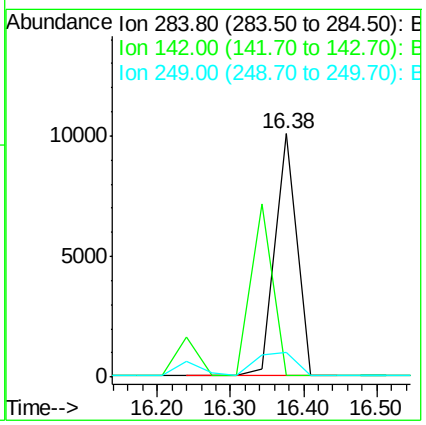


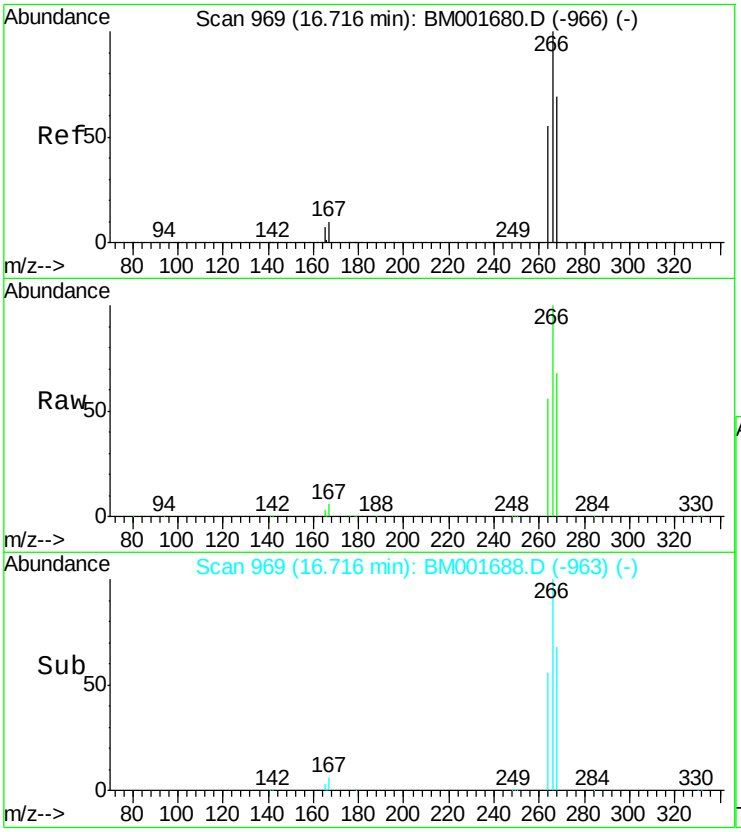


#20
Hexachlorobenzene
Concen: 6.90 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Tgt Ion:284 Resp: 21103

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	17.7	0.0	0.0#



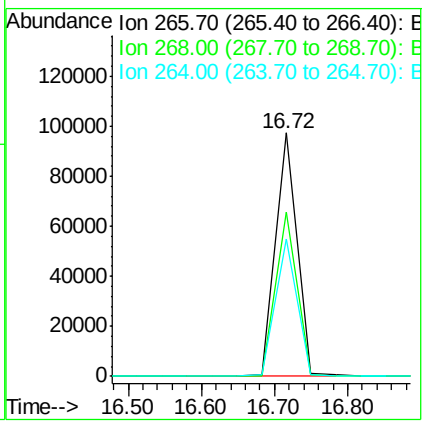


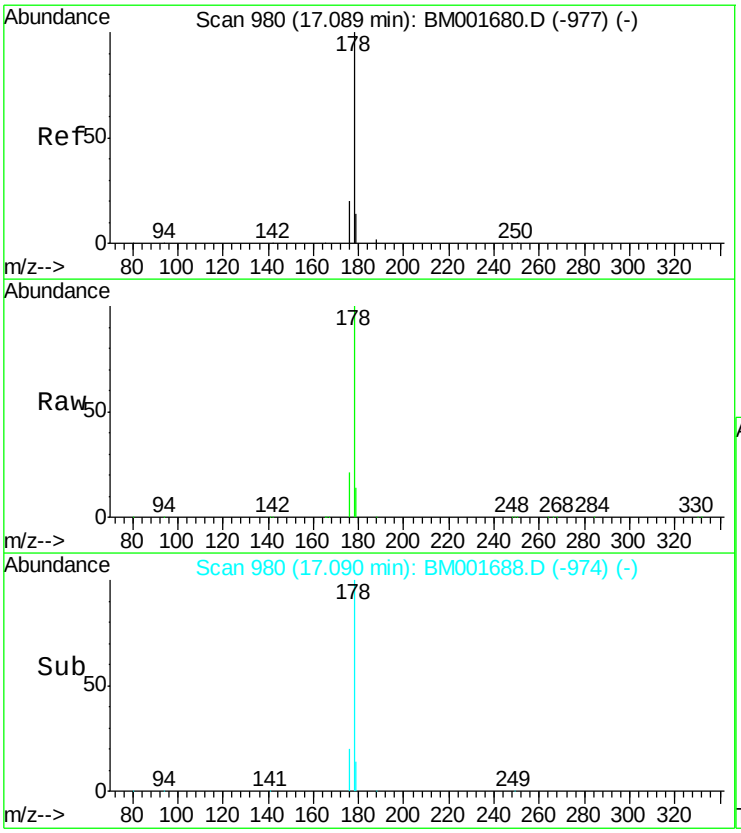
#21
Pentachlorophenol
Concen: 100.10 ng
RT: 16.72 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Instrument :
BNA_M
ClientSampleId :
PB83987BSD

Tgt Ion:266 Resp: 202386

Ion	Ratio	Lower	Upper
266	100		
268	67.7	57.2	85.8
264	56.3	46.3	69.5

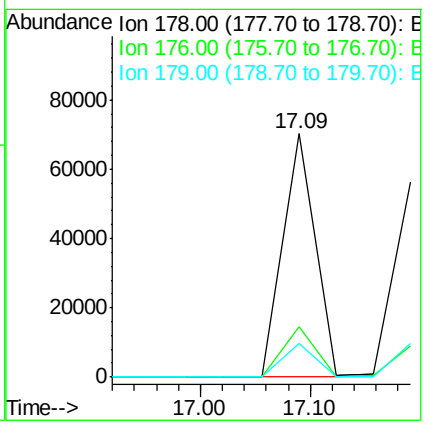


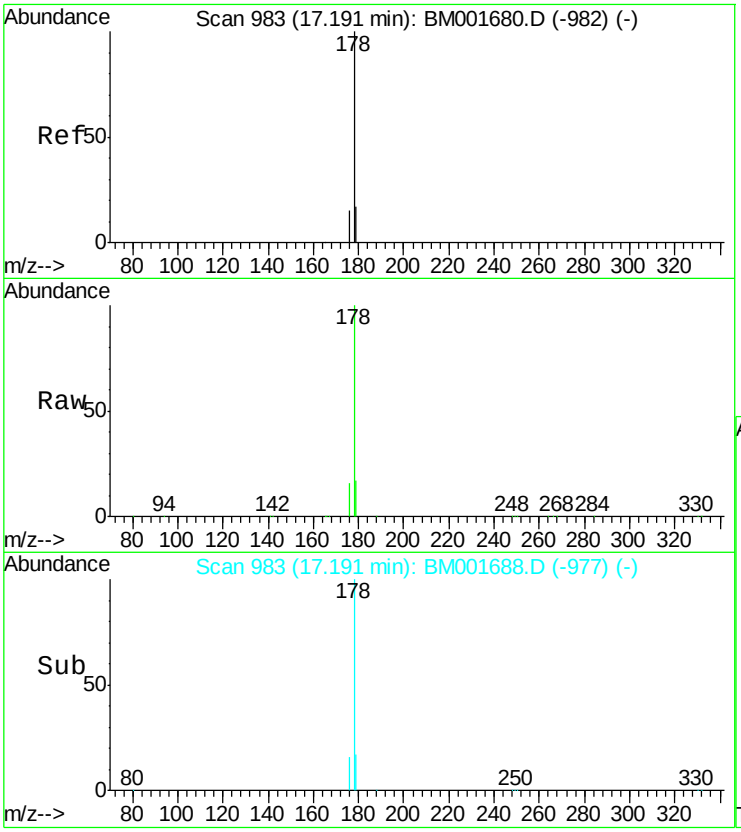


#22
Phenanthrene
Concen: 7.60 ng
RT: 17.09 min Scan# 980
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Tgt Ion:178 Resp: 144174

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	14.2	11.8	17.8



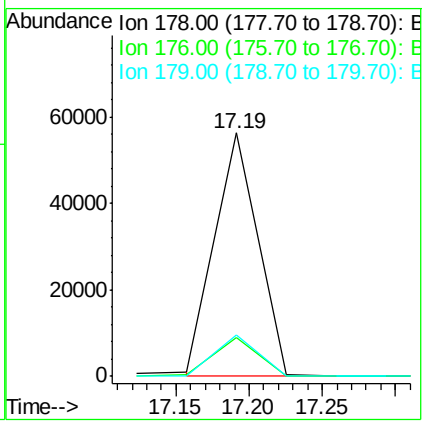


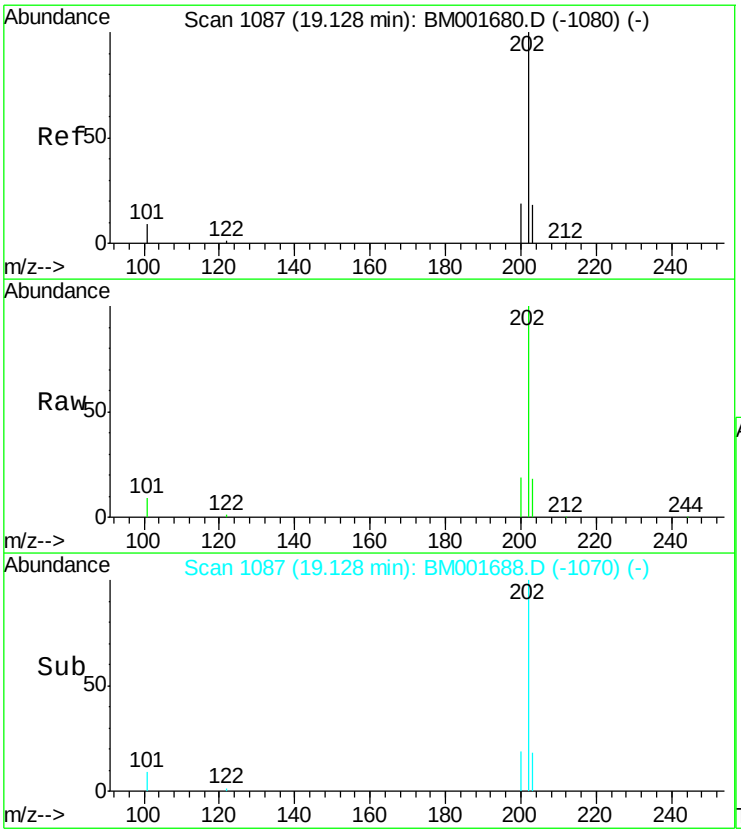
#23
Anthracene
Concen: 7.59 ng
RT: 17.19 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Instrument :
BNA_M
ClientSampleId :
PB83987BSD

Tgt Ion:178 Resp: 115143

Ion	Ratio	Lower	Upper
178	100		
176	15.7	12.6	18.8
179	16.8	13.5	20.3

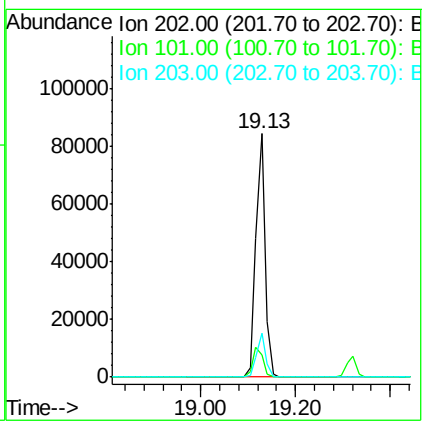


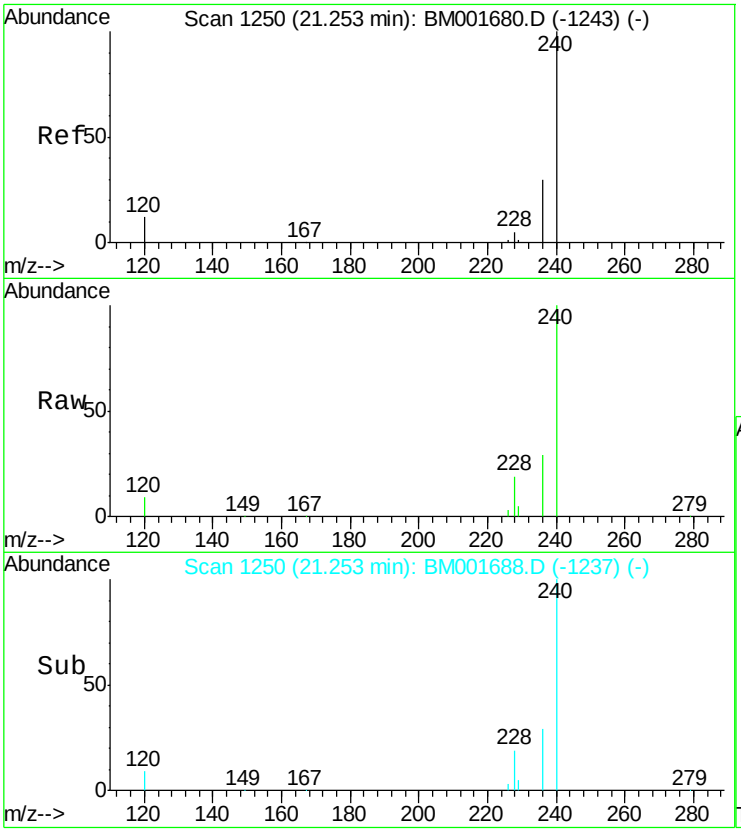


#24
Fluoranthene
Concen: 7.39 ng
RT: 19.13 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Tgt Ion:202 Resp: 114507

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.3	15.5
203	17.5	13.8	20.6



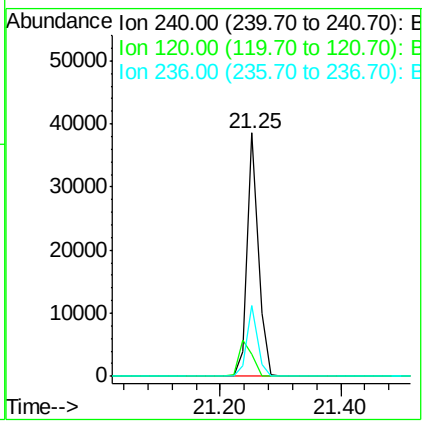


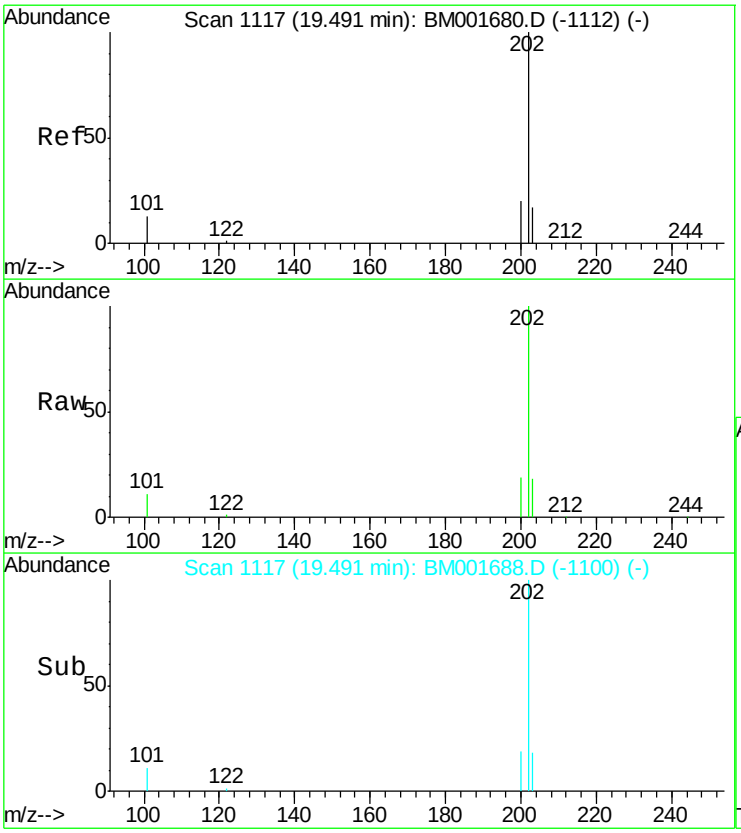
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Instrument :
BNA_M
ClientSampleId :
PB83987BSD

Tgt Ion:240 Resp: 48898

Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.9	14.9#
236	29.0	23.9	35.9

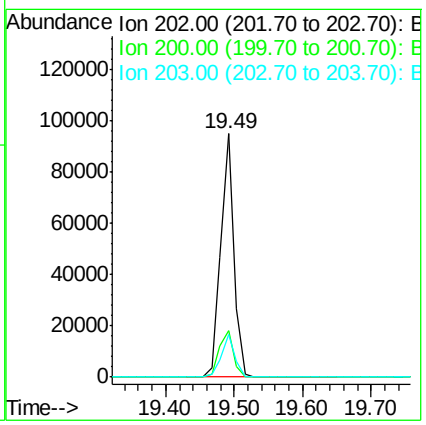


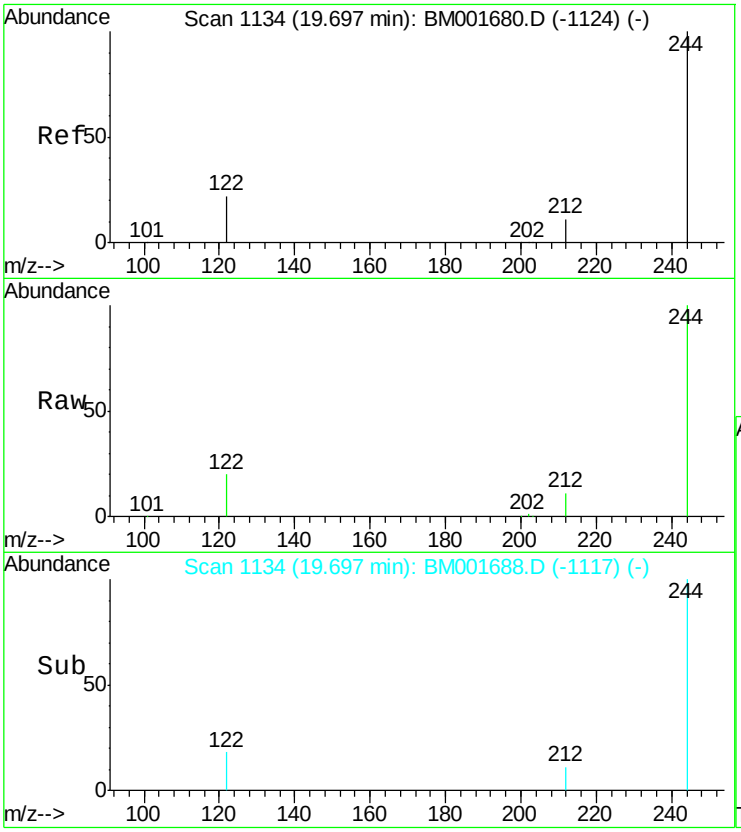


#26
Pyrene
Concen: 7.64 ng
RT: 19.49 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Tgt Ion:202 Resp: 126121

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.8	25.2
203	17.8	13.6	20.4



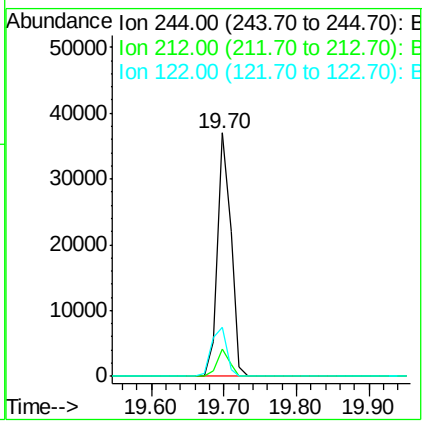


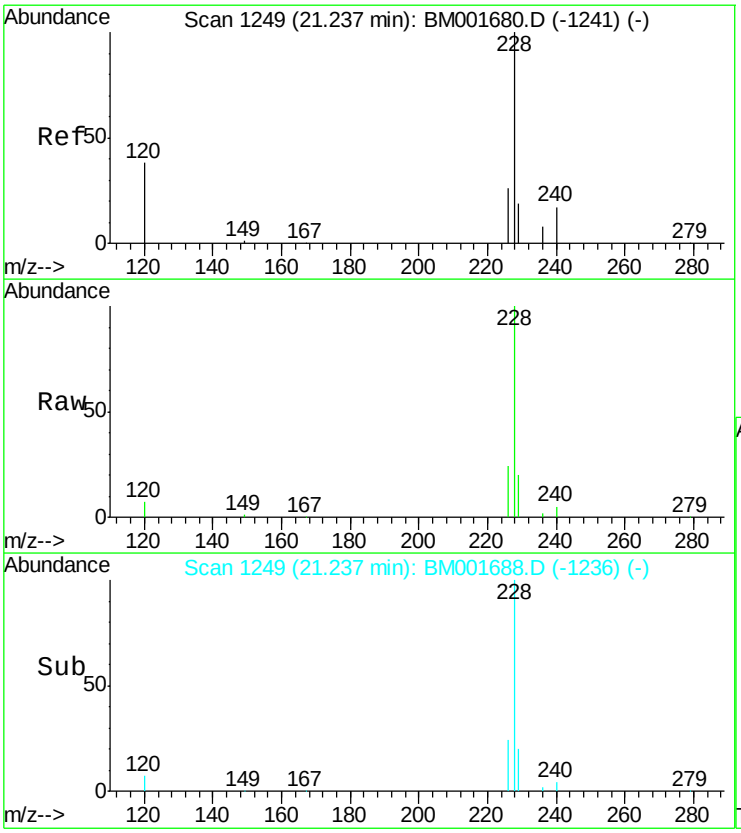
#27
Terphenyl-d14
Concen: 6.56 ng
RT: 19.70 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Instrument :
BNA_M
ClientSampleId :
PB83987BSD

Tgt Ion:244 Resp: 47901

Ion	Ratio	Lower	Upper
244	100		
212	11.0	9.6	14.4
122	20.1	18.4	27.6

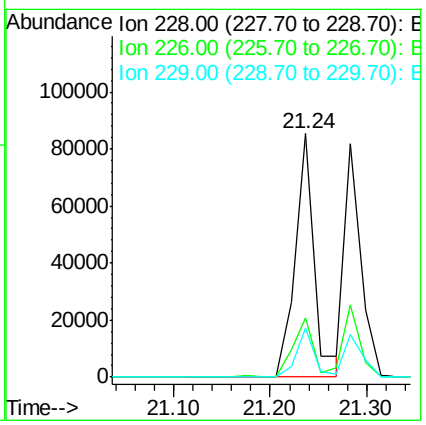


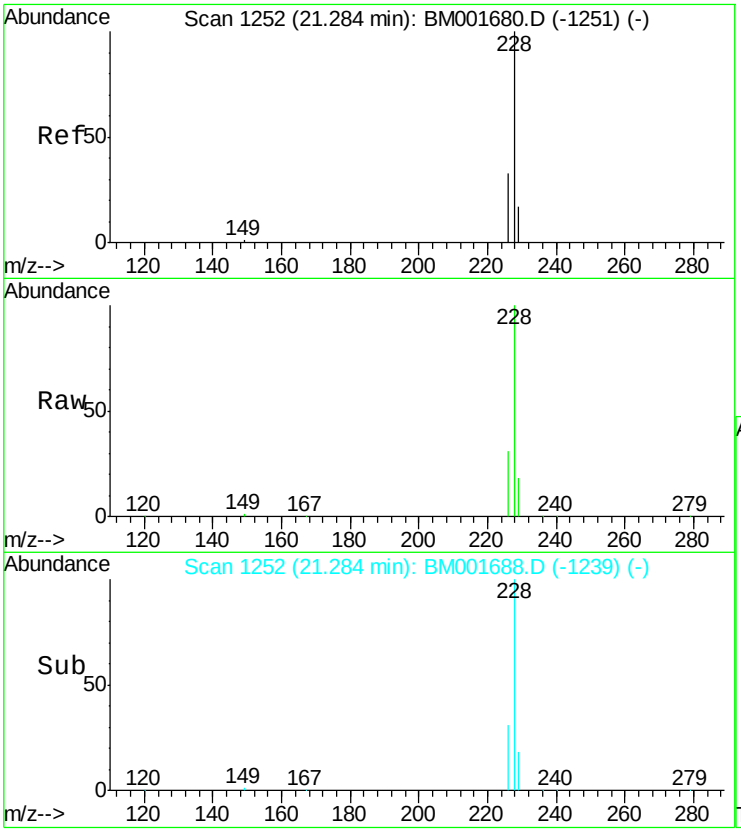


#28
Benzo(a)anthracene
Concen: 7.60 ng
RT: 21.24 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Tgt Ion:228 Resp: 117224

Ion	Ratio	Lower	Upper
228	100		
226	24.2	21.0	31.4
229	20.3	15.8	23.8



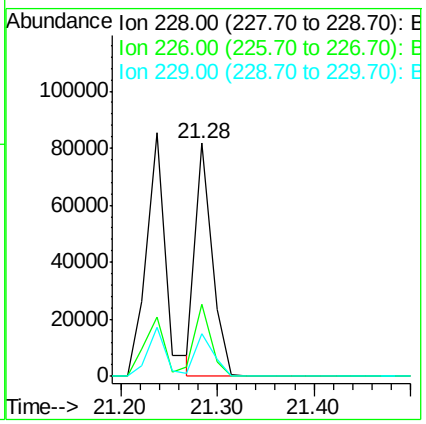


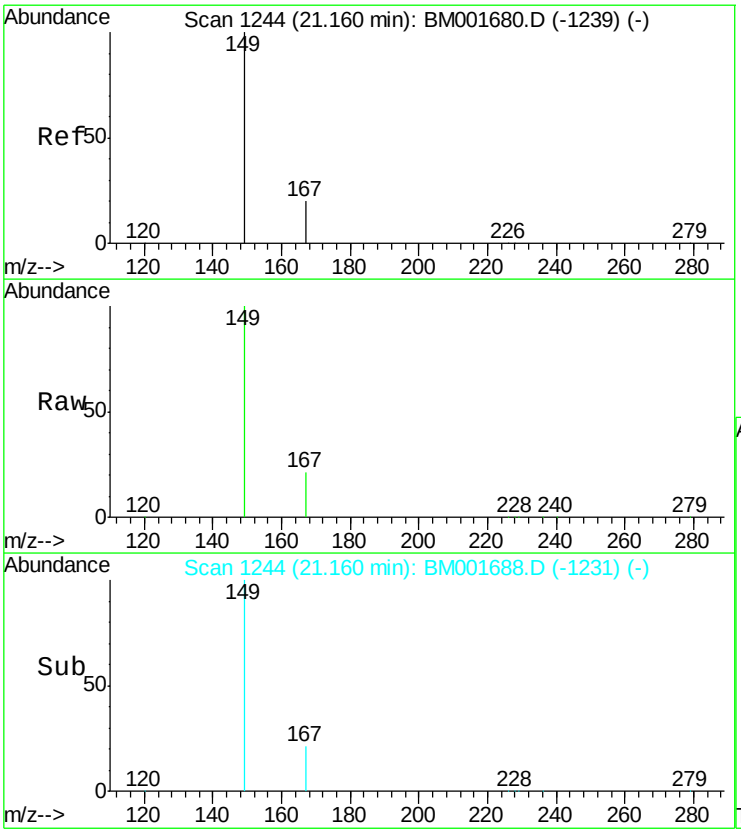
#29
Chrysene
Concen: 6.85 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Instrument :
BNA_M
ClientSampleId :
PB83987BSD

Tgt Ion:228 Resp: 98255

Ion	Ratio	Lower	Upper
228	100		
226	30.7	27.4	41.0
229	18.1	13.7	20.5

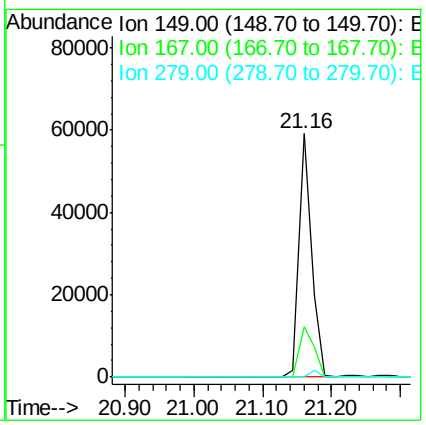


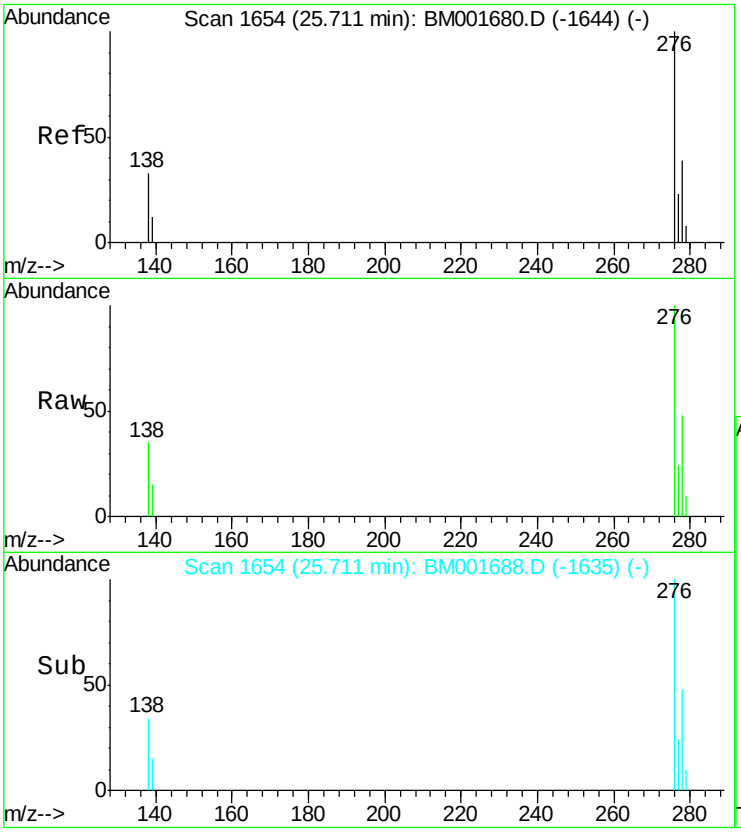


#30
Bis(2-ethylhexyl)phthalate
Concen: 7.09 ng
RT: 21.16 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Tgt Ion:149 Resp: 74716

Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.4	30.6
279	2.2	1.7	2.5



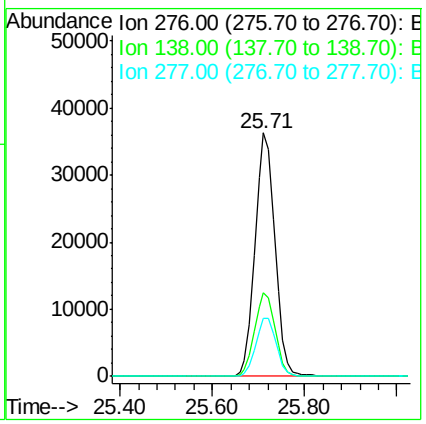


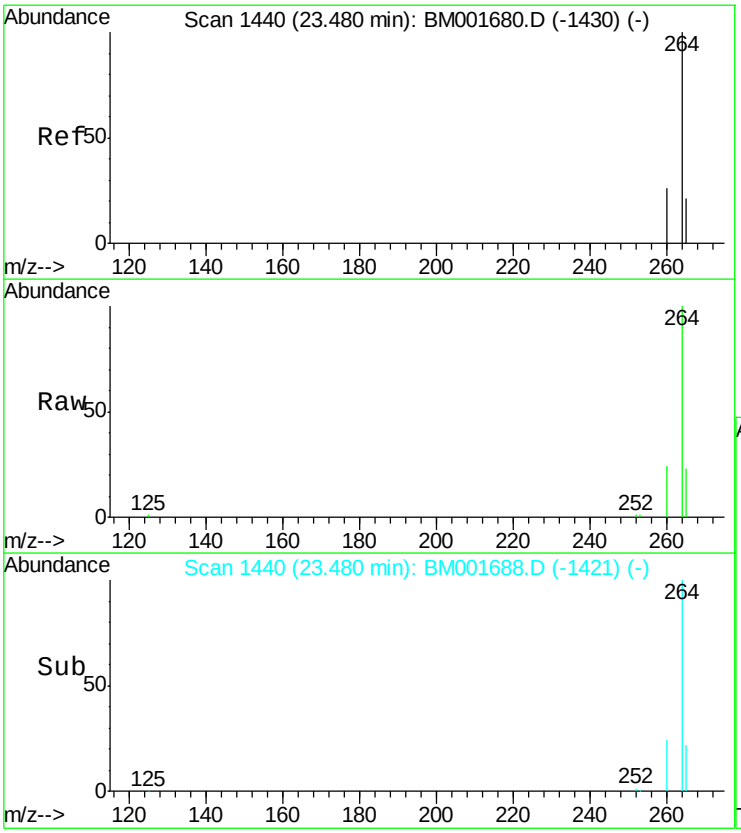
#31
Indeno(1,2,3-cd)pyrene
Concen: 7.17 ng
RT: 25.71 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Instrument :
BNA_M
ClientSampleId :
PB83987BSD

Tgt Ion:276 Resp: 108286

Ion	Ratio	Lower	Upper
276	100		
138	35.6	27.8	41.8
277	24.6	19.7	29.5

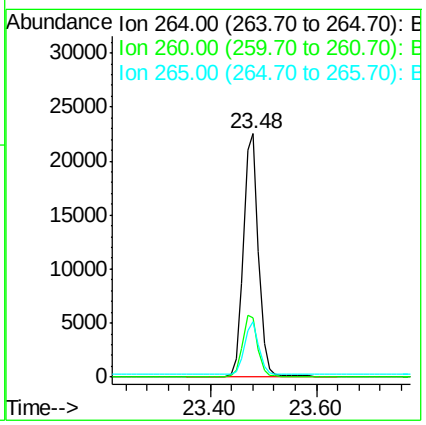


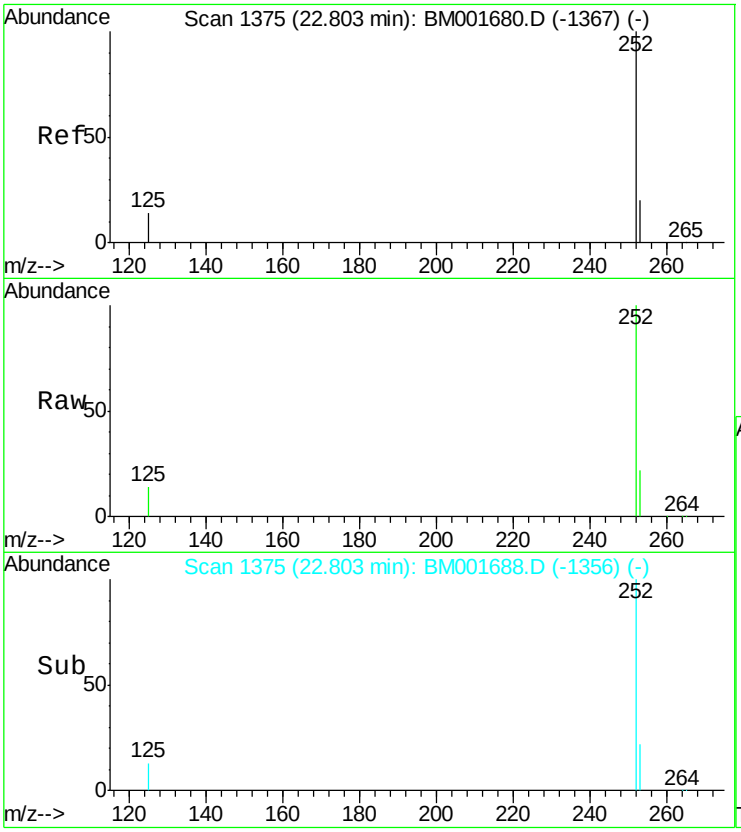


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.48 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Tgt Ion:264 Resp: 43849

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.8	31.2
265	22.7	17.3	25.9



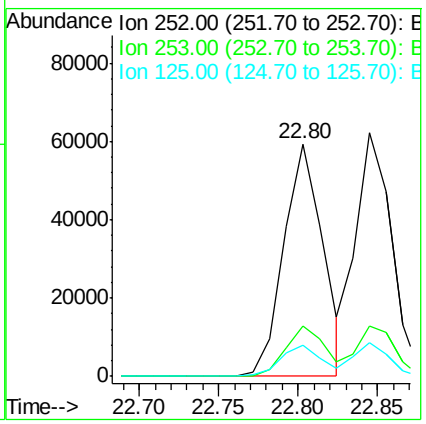


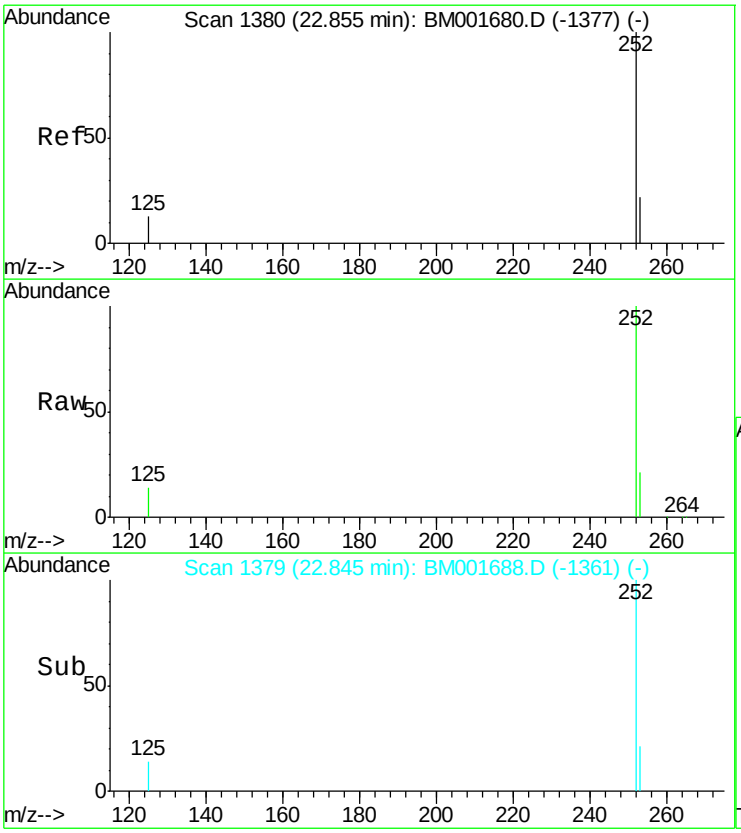
#33
Benzo(b)fluoranthene
Concen: 7.35 ng
RT: 22.80 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Instrument :
BNA_M
ClientSampleId :
PB83987BSD

Tgt Ion:252 Resp: 101092

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	13.6	12.3	18.5

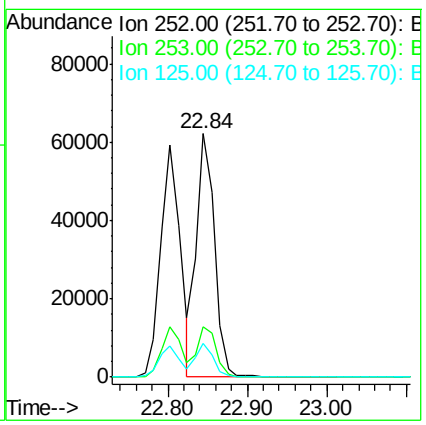


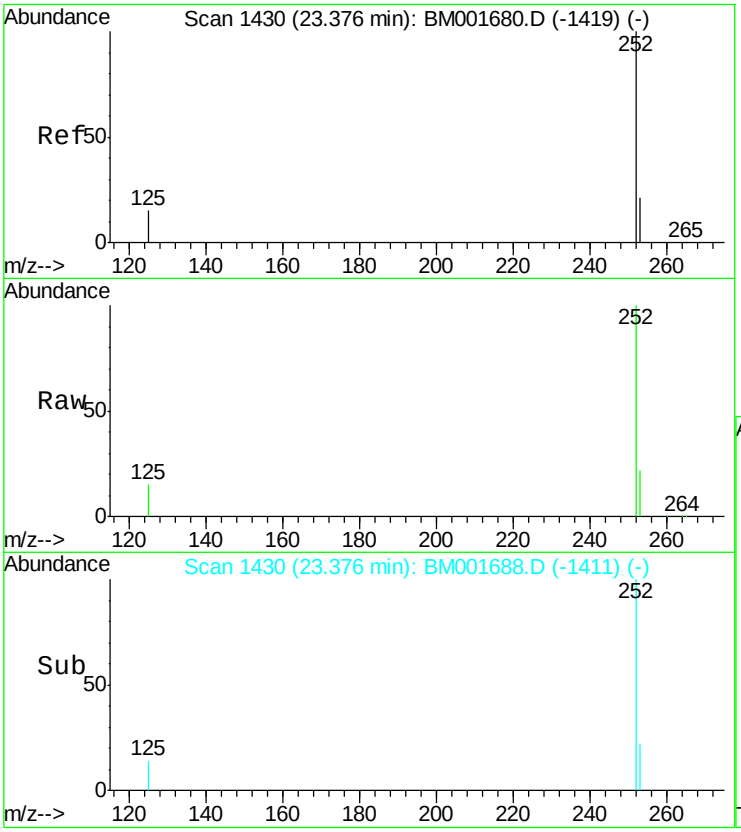


#34
Benzo(k)fluoranthene
Concen: 7.50 ng
RT: 22.84 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Tgt Ion:252 Resp: 97254

Ion	Ratio	Lower	Upper
252	100		
253	20.8	19.4	29.0
125	14.0	11.0	16.4



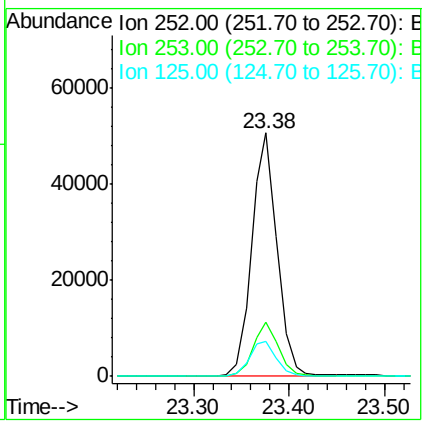


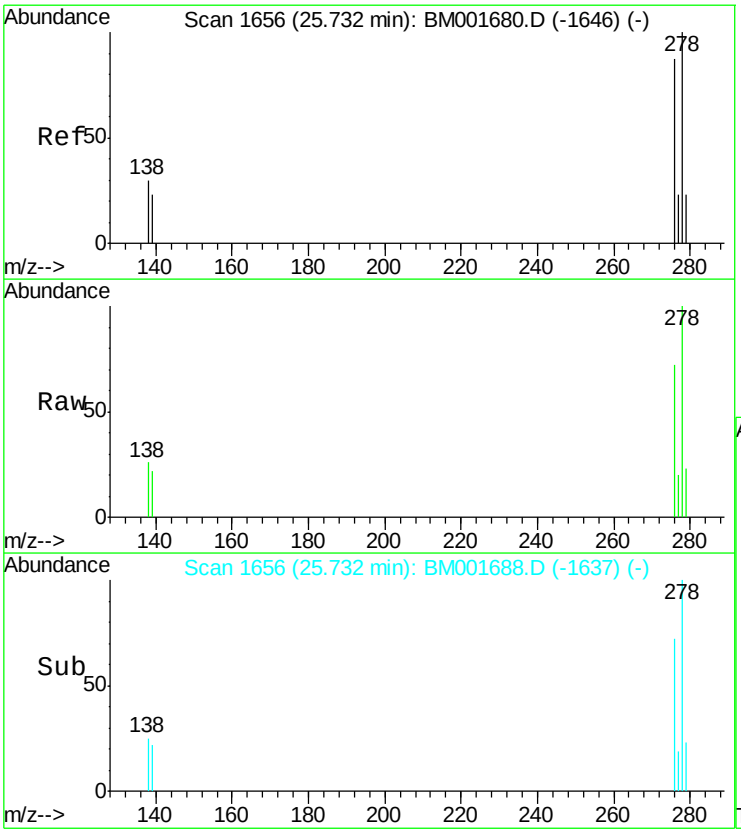
#35
Benzo(a)pyrene
Concen: 7.78 ng
RT: 23.38 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Instrument :
BNA_M
ClientSampleId :
PB83987BSD

Tgt Ion:252 Resp: 93283

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	14.6	13.4	20.2

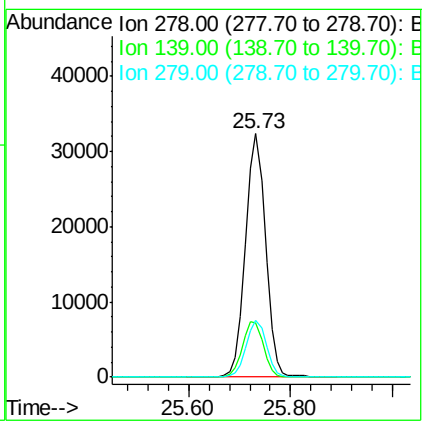


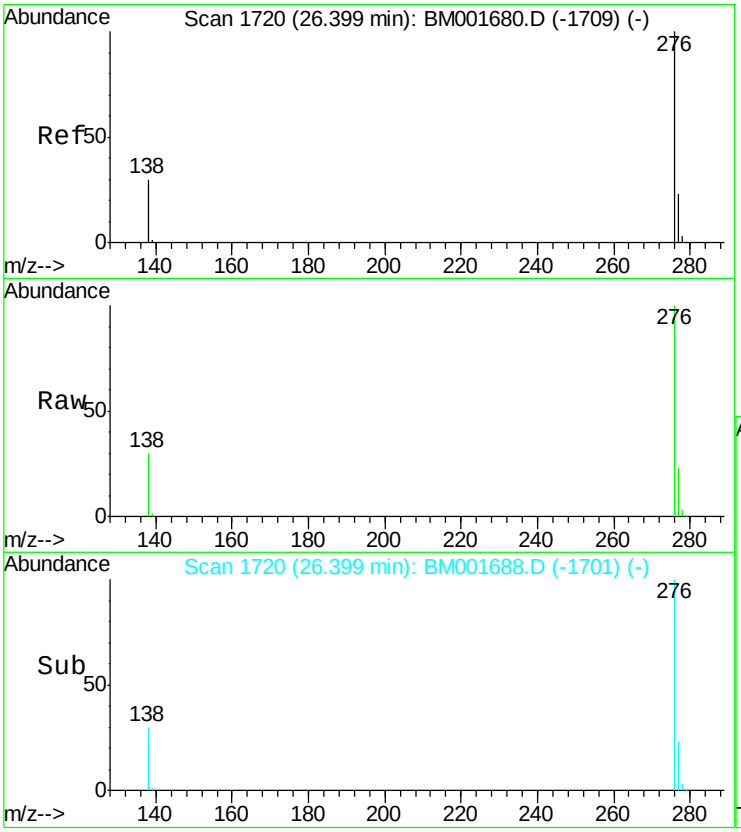


#36
Dibenzo(a,h)anthracene
Concen: 7.38 ng
RT: 25.73 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Tgt Ion:278 Resp: 87715

Ion	Ratio	Lower	Upper
278	100		
139	22.2	19.4	29.0
279	23.4	19.4	29.2





#37
Benzo(g,h,i)perylene
Concen: 7.24 ng
RT: 26.40 min Scan# 1720
Delta R.T. 0.00 min
Lab File: BM001688.D
Acq: 13 Jun 2015 02:23

Instrument :
BNA_M
ClientSampleId :
PB83987BSD

Tgt Ion:276 Resp: 90393

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.0	28.4
138	30.2	25.0	37.6