Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061915\
Data File : BM001740.D
Acq On : 18 Jun 2015 17:12
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC010

Quant Time: Jun 19 04:19:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 04:18:06 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	14729	5.00	ng		0.00
6) Naphthalene-d8	10.46	136	55921	5.00	ng		0.00
12) Acenaphthene-d10	14.32	164	27849	5.00	ng		0.00
18) Phenanthrene-d10	17.06	188	45784	5.00	ng		0.00
25) Chrysene-d12	21.25	240	49116	5.00	ng		0.00
32) Perylene-d12	23.48	264	44918	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	35001	9.99	ng		0.00
5) Phenol-d6	6.83	99	46968	10.65	ng		0.00
7) Nitrobenzene-d5	8.83	82	46488	10.79	ng		0.00
13) 2,4,6-Tribromophenol	15.81	330	14417	14.60	ng		0.00
14) 2-Fluorobiphenyl	12.93	172	92603	9.43	ng		0.00
27) Terphenyl-d14	19.69	244	71091	9.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	15243	8.21	ng		94
3) n-Nitrosodimethylamine	3.48	42	27478	10.65	ng		94
8) Nitrobenzene	8.87	77	51869	11.12	ng		98
9) Naphthalene	10.49	128	128869	9.44	ng		99
10) Hexachlorobutadiene	10.78	225	21270	9.37	ng		99
11) 2-Methylnaphthalene	12.12	142	85120	9.69	ng		92
15) Acenaphthylene	14.03	152	141419	10.80	ng		100
16) Acenaphthene	14.38	154	79797	9.57	ng		99
17) Fluorene	15.36	166	52911	6.26	ng	#	21
19) 4-Bromophenyl-phenylether	16.25	248	40369	9.85	ng	#	56
20) Hexachlorobenzene	16.35	284	15558	4.09	ng	#	100
21) Pentachlorophenol	16.72	266	9018	8.39	ng		92
22) Phenanthrene	17.10	178	190865	12.57	ng		96
23) Anthracene	17.10	178	260114	15.91	ng	#	92
24) Fluoranthene	19.12	202	161362	7.97	ng		100
26) Pyrene	19.49	202	172190	10.22	ng		100
28) Benzo(a)anthracene	21.23	228	152583	9.92	ng		93
29) Chrysene	21.23	228	152583	10.23	ng		97
30) Bis(2-ethylhexyl)phthalate	21.17	149	107470	11.26	ng		98
31) Indeno(1,2,3-cd)pyrene	25.71	276	155029	12.76	ng		100
33) Benzo(b)fluoranthene	22.81	252	152816	10.35	ng		98
34) Benzo(k)fluoranthene	22.85	252	127234	9.00	ng		98
35) Benzo(a)pyrene	23.37	252	128061	10.42	ng		97
36) Dibenzo(a,h)anthracene	25.73	278	124386	11.71	ng		98
37) Benzo(g,h,i)perylene	26.40	276	126445	11.07	ng		99

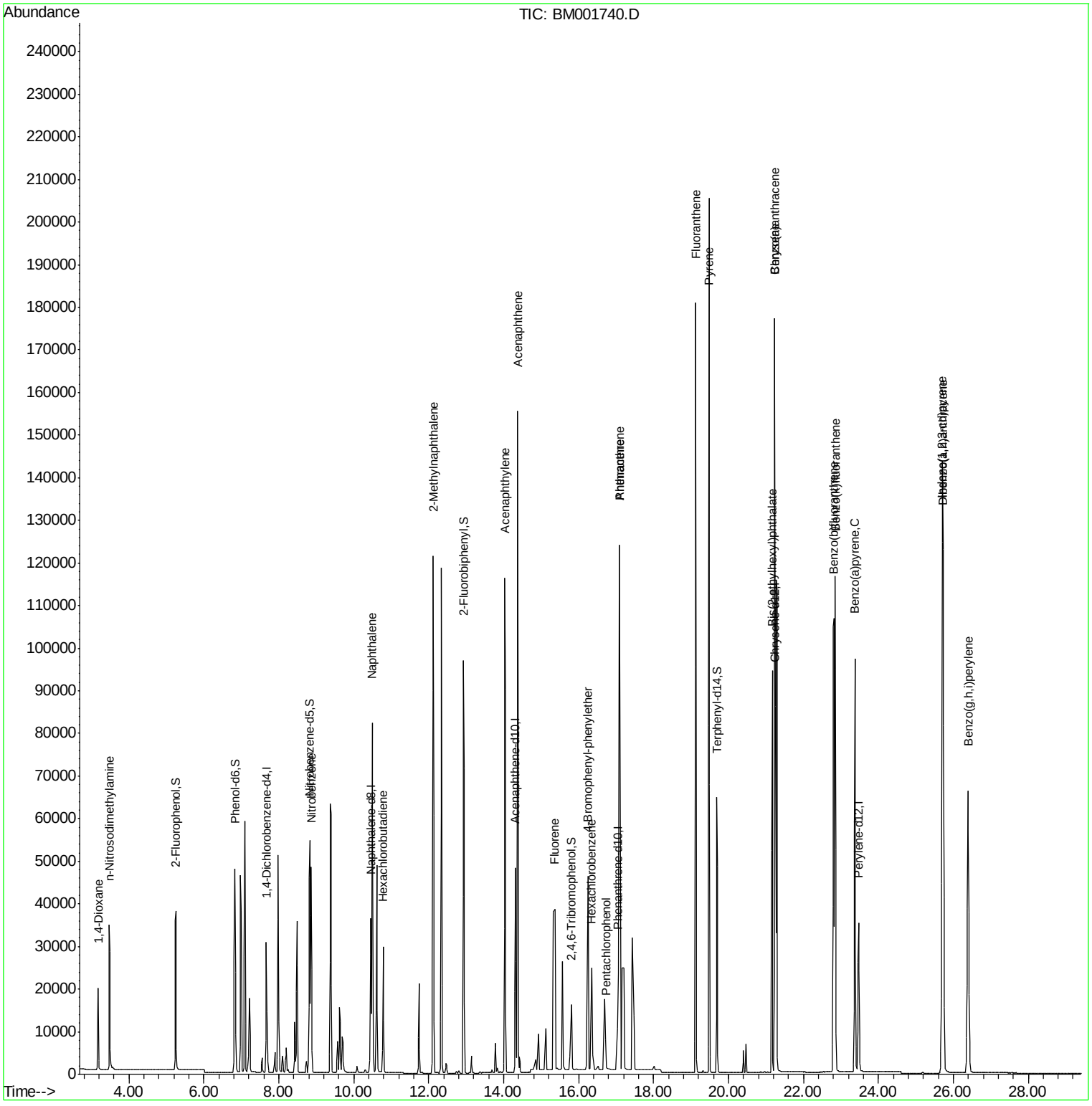
(#) = qualifier out of range (m) = manual integration (+) = signals summed

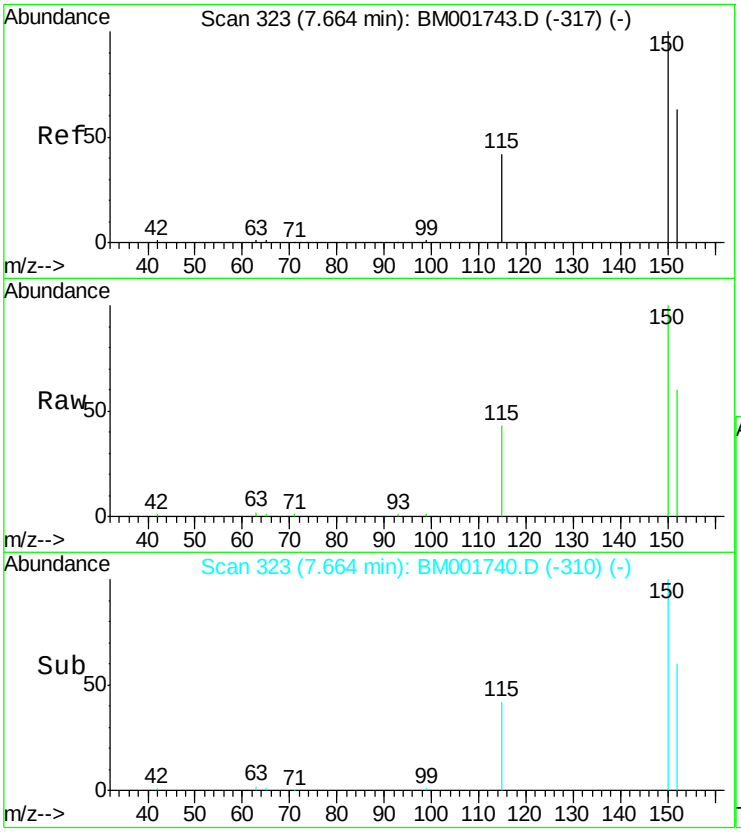
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061915\
Data File : BM001740.D
Acq On : 18 Jun 2015 17:12
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Quant Time: Jun 19 04:19:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 04:18:06 2015
Response via : Initial Calibration



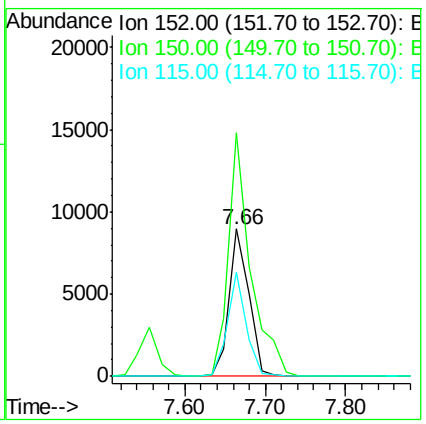


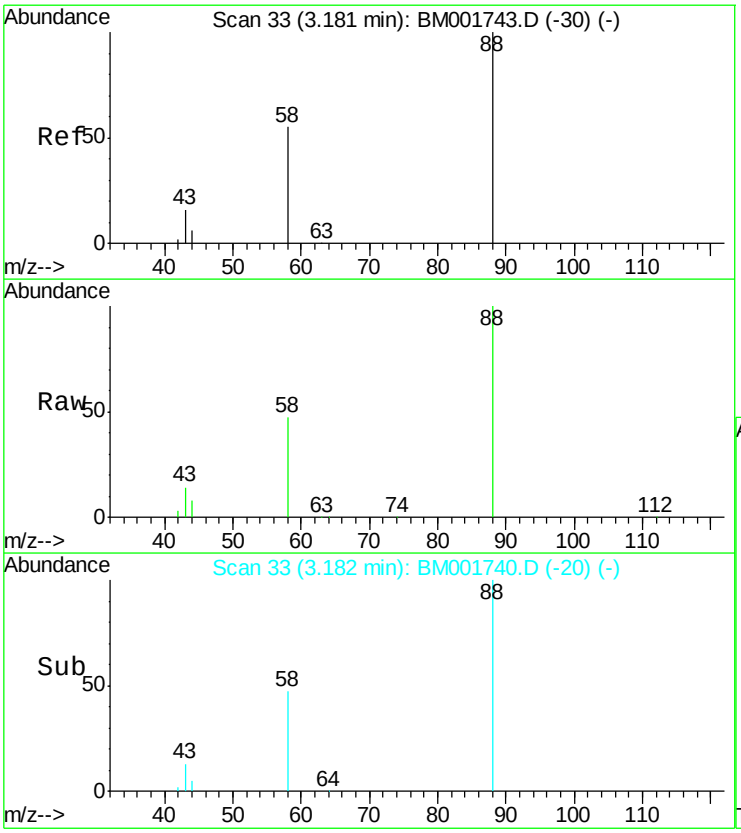
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.66 min Scan# 323
Delta R.T. 0.00 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 14729

Ion	Ratio	Lower	Upper
152	100		
150	165.6	127.5	191.3
115	70.7	53.2	79.8

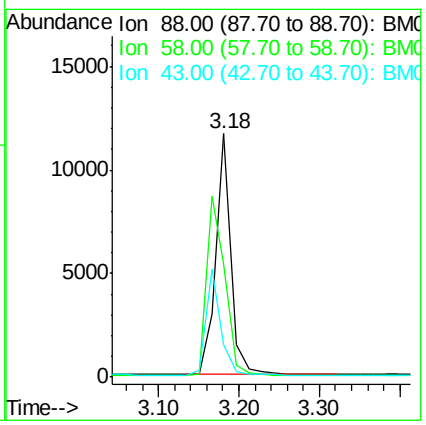


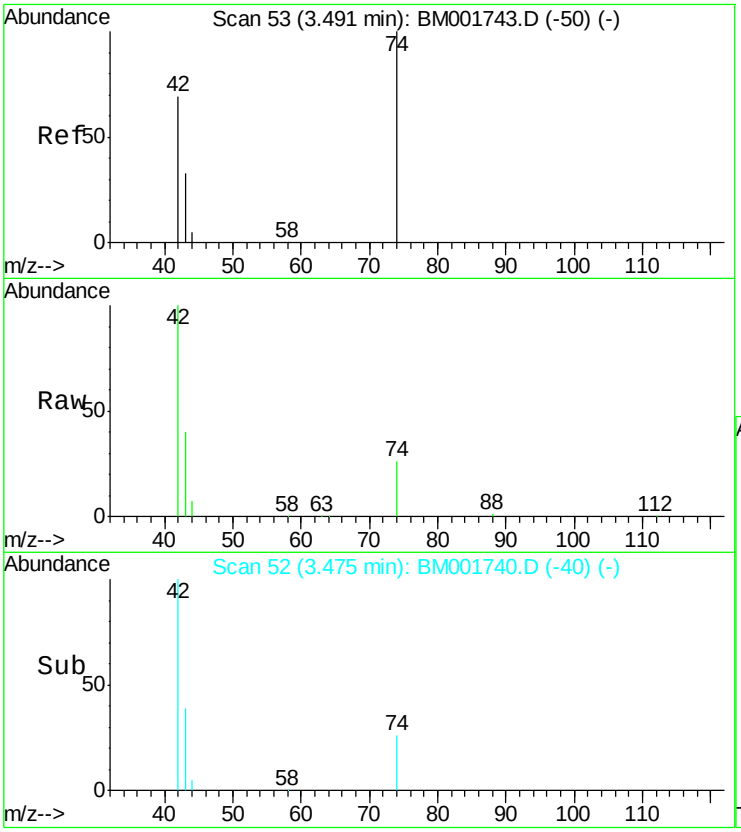


#2
1,4-Dioxane
Concen: 8.21 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Tgt Ion: 88 Resp: 15243

Ion	Ratio	Lower	Upper
88	100		
58	91.8	68.3	102.5
43	43.3	32.6	48.8



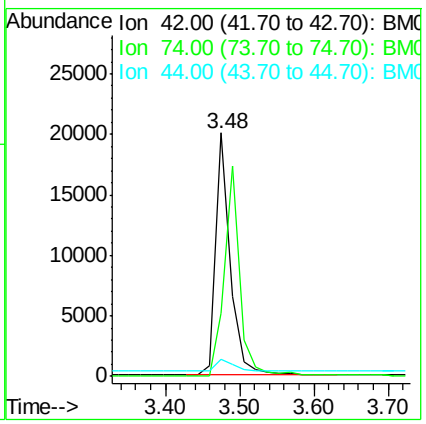


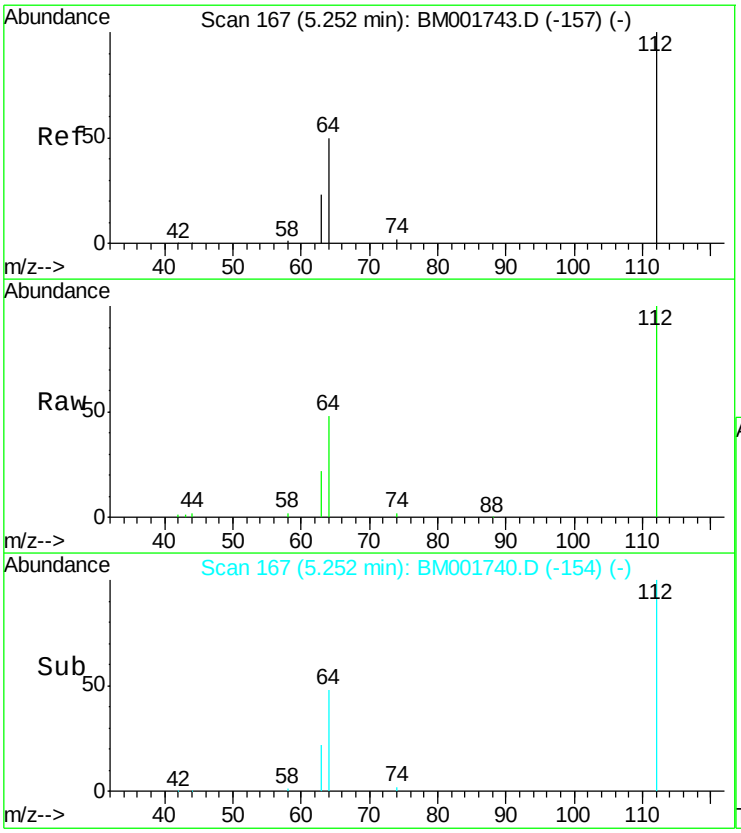
#3
n-Nitrosodimethylamine
Concen: 10.65 ng
RT: 3.48 min Scan# 52
Delta R.T. -0.02 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 42 Resp: 27478

Ion	Ratio	Lower	Upper
42	100		
74	92.3	78.6	118.0
44	6.0	5.0	7.6

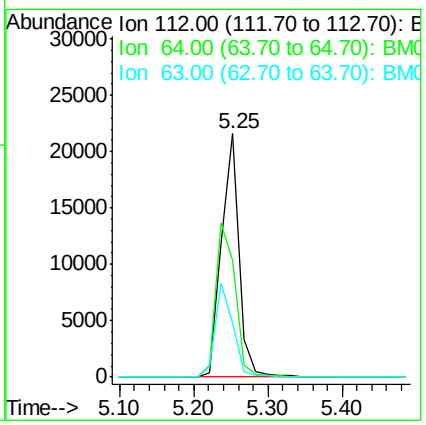


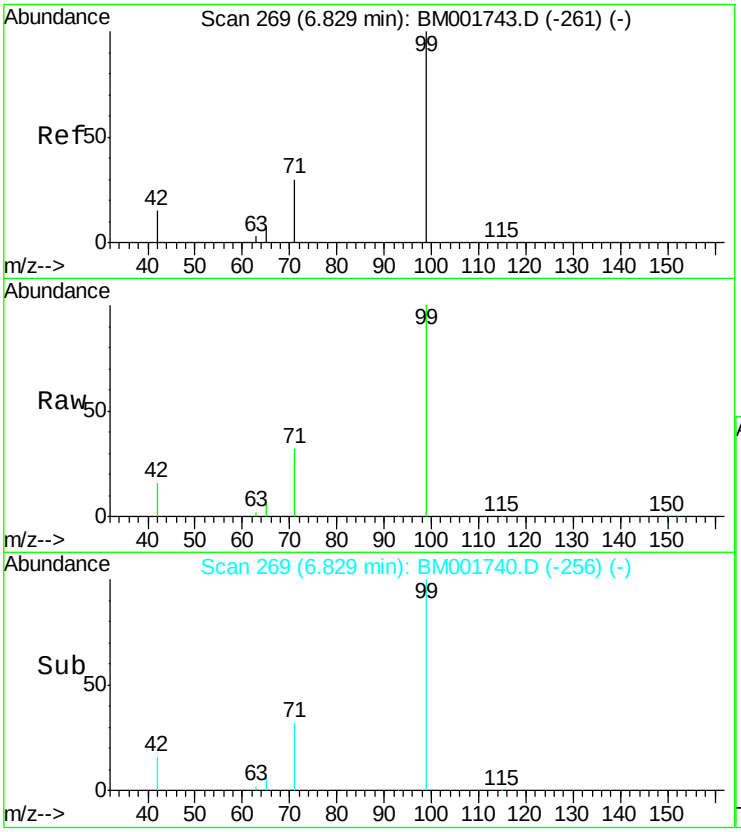


#4
2-Fluorophenol
Concen: 9.99 ng
RT: 5.25 min Scan# 167
Delta R.T. 0.00 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Tgt Ion:112 Resp: 35001

Ion	Ratio	Lower	Upper
112	100		
64	70.1	55.6	83.4
63	38.5	30.2	45.2



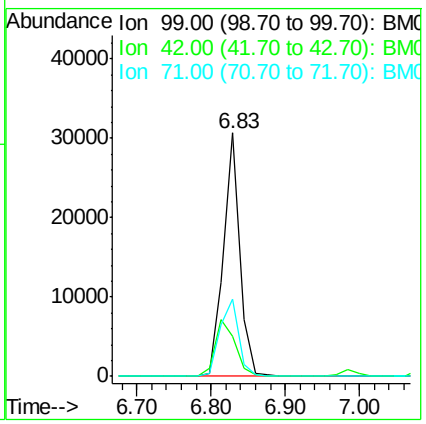


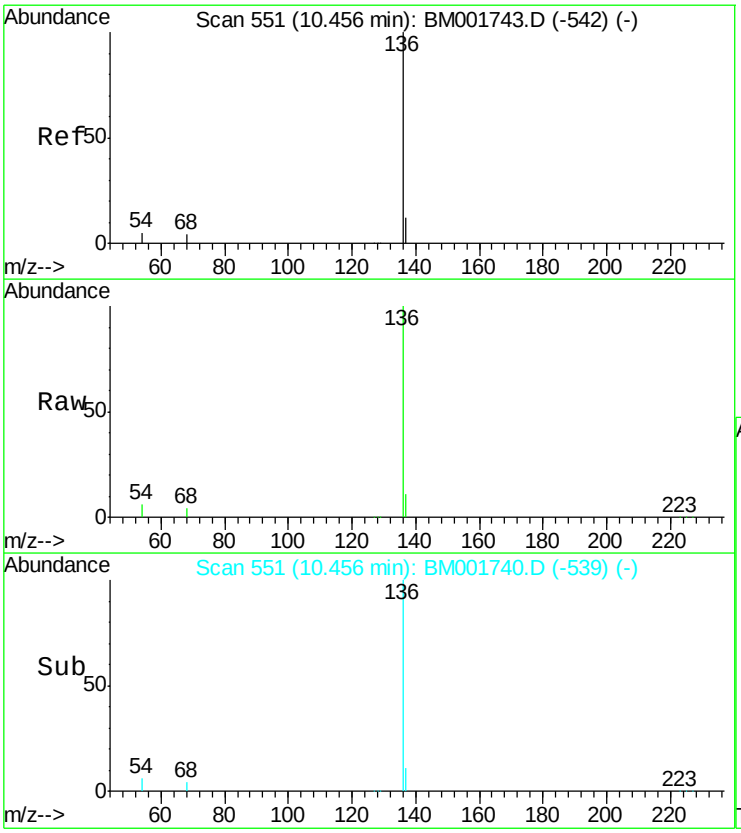
#5
Phenol-d6
Concen: 10.65 ng
RT: 6.83 min Scan# 269
Delta R.T. 0.00 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 46968

Ion	Ratio	Lower	Upper
99	100		
42	27.8	21.4	32.0
71	36.0	28.3	42.5

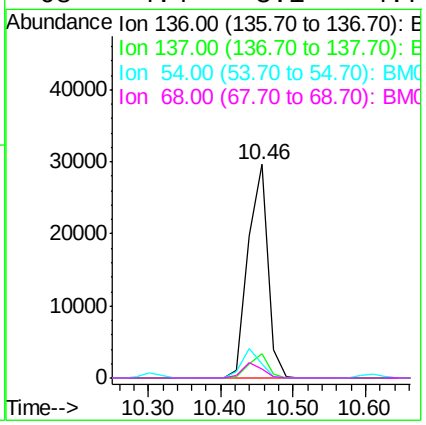


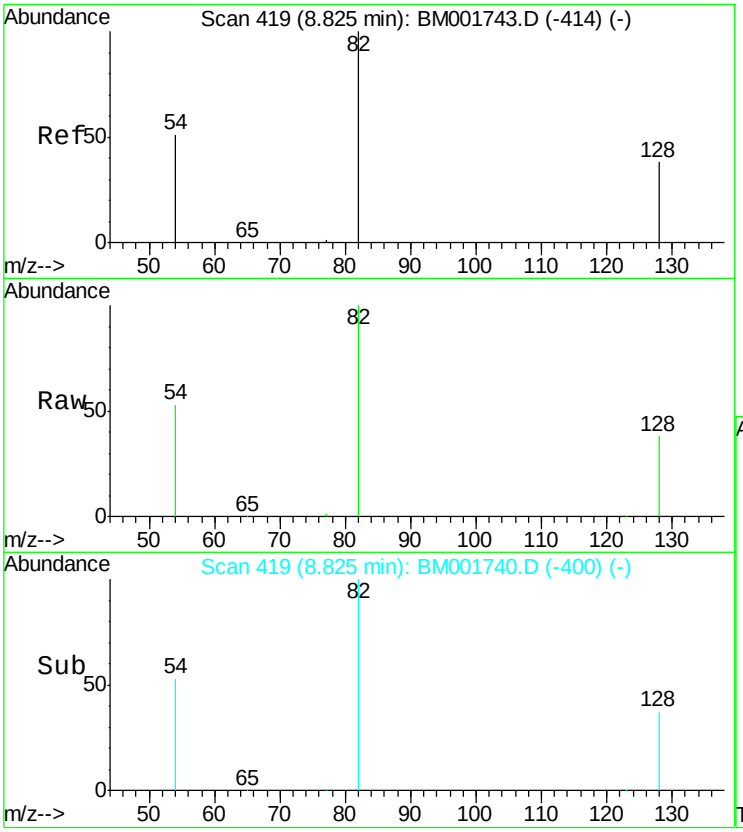


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.46 min Scan# 551
Delta R.T. 0.00 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Tgt Ion:136 Resp: 55921

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.0
54	6.5	4.4	6.6
68	4.4	3.1	4.7



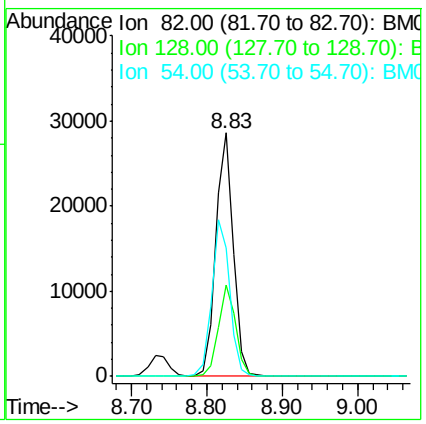


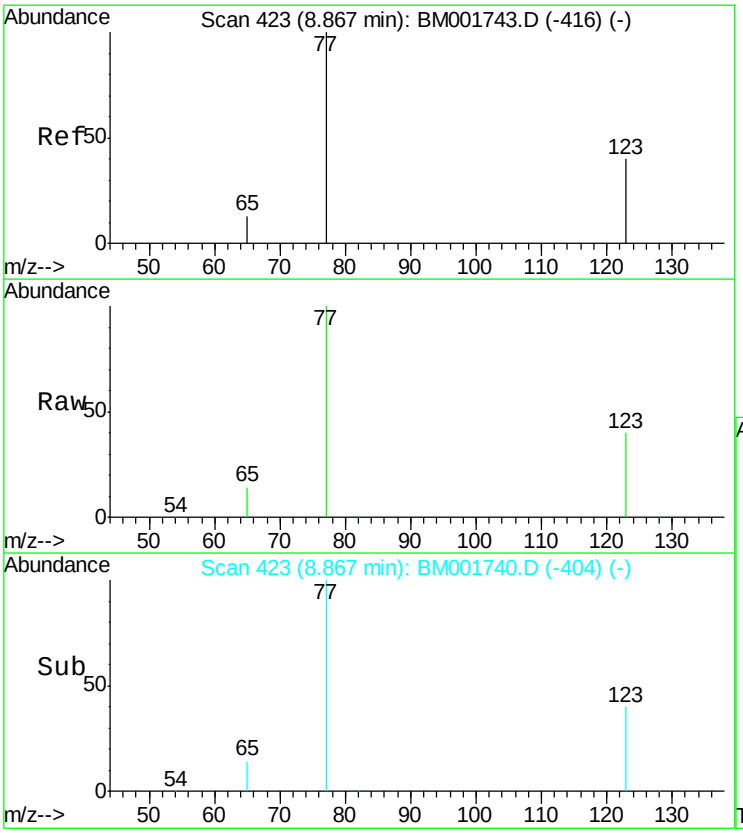
#7
Nitrobenzene-d5
Concen: 10.79 ng
RT: 8.83 min Scan# 419
Delta R.T. 0.00 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 46488

Ion	Ratio	Lower	Upper
82	100		
128	37.6	31.3	46.9
54	52.8	41.9	62.9

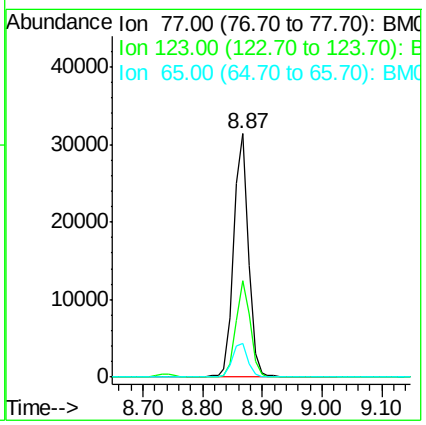


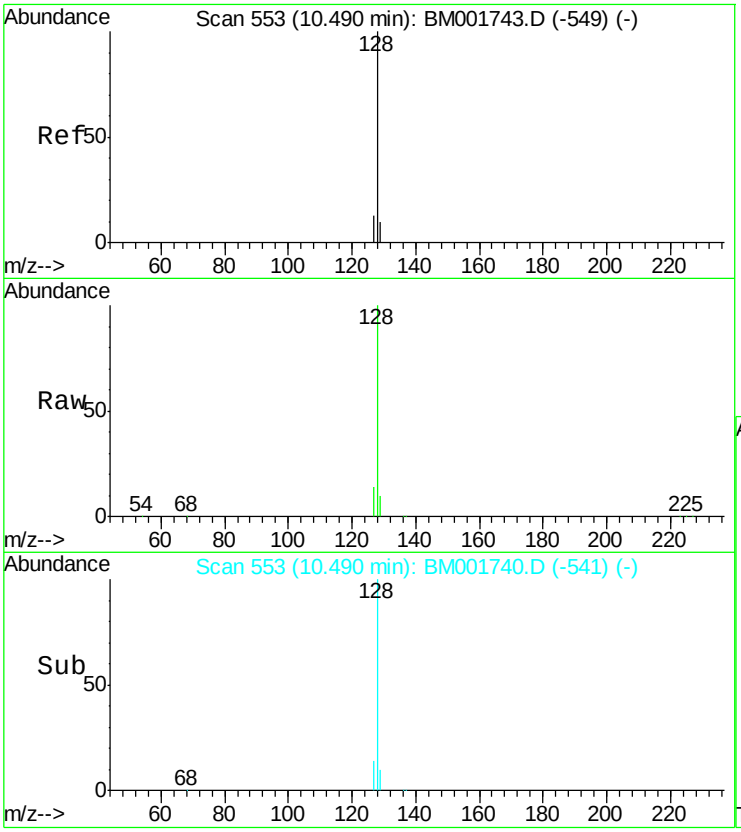


#8
Nitrobenzene
Concen: 11.12 ng
RT: 8.87 min Scan# 423
Delta R.T. 0.00 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Tgt Ion: 77 Resp: 51869

Ion	Ratio	Lower	Upper
77	100		
123	38.6	30.1	45.1
65	14.6	11.3	16.9



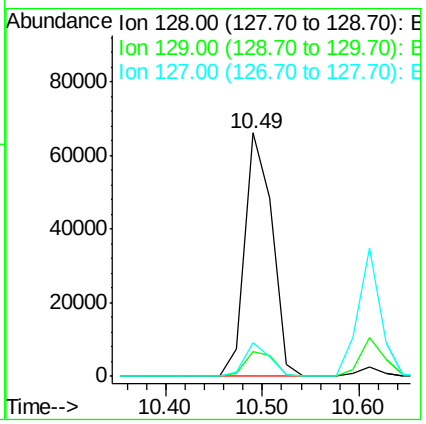


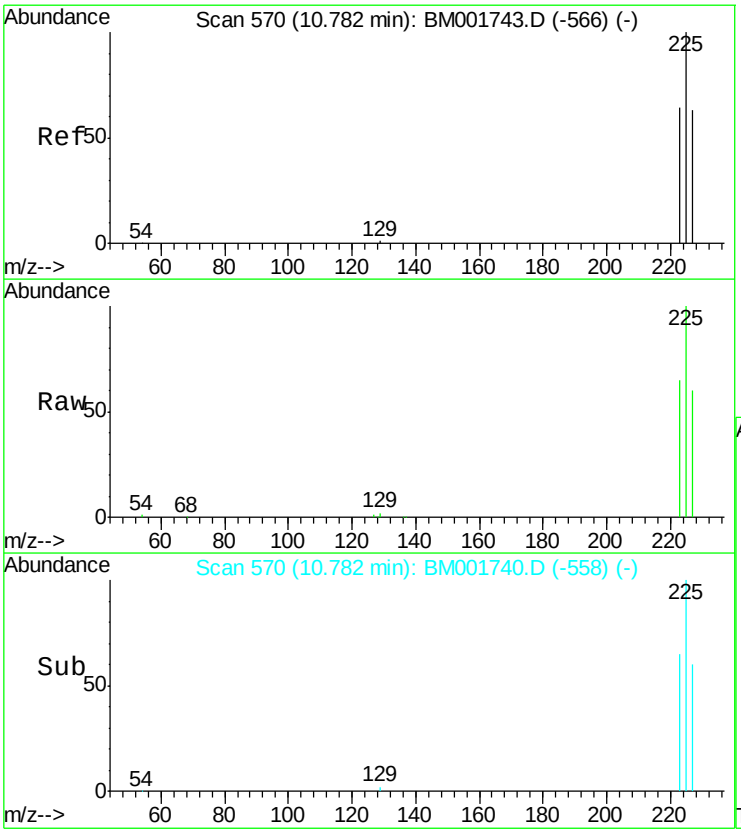
#9
Naphthalene
Concen: 9.44 ng
RT: 10.49 min Scan# 553
Delta R.T. 0.00 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 128869

Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.7	13.1
127	13.8	11.2	16.8

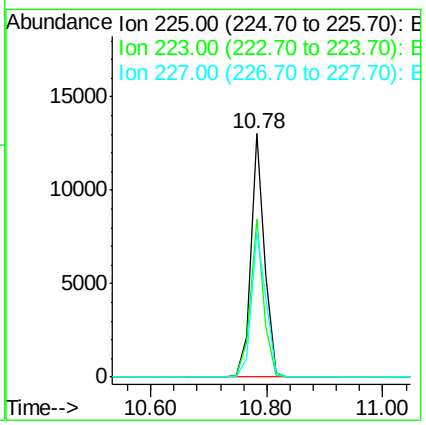


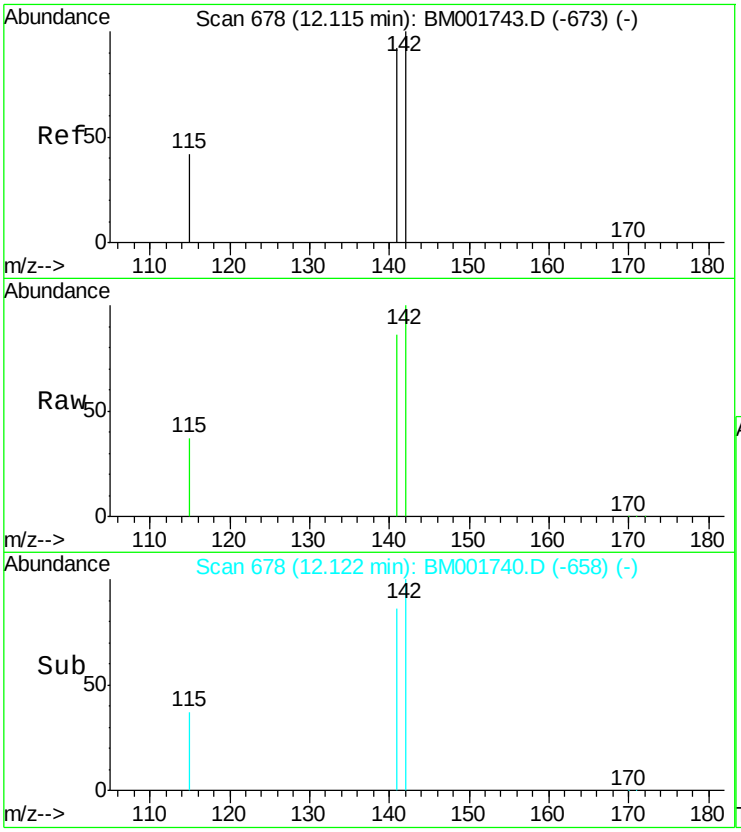


#10
Hexachlorobutadiene
Concen: 9.37 ng
RT: 10.78 min Scan# 570
Delta R.T. 0.00 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Tgt Ion:225 Resp: 21270

Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.4
227	63.4	51.8	77.8



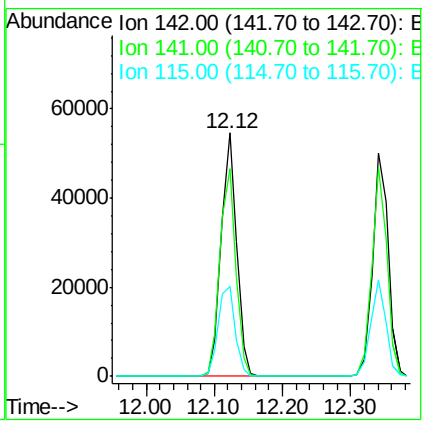


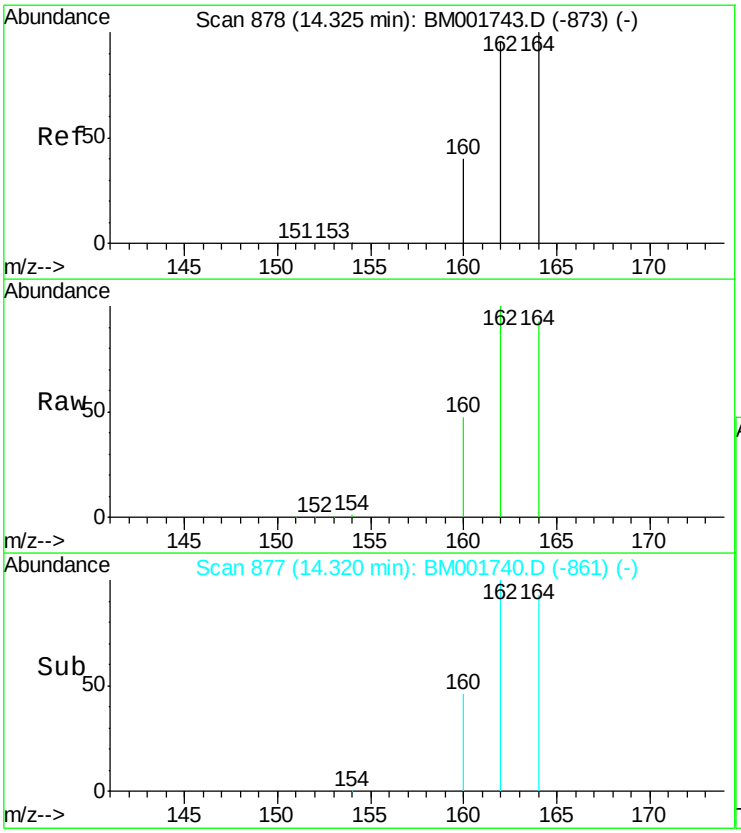
#11
2-Methylnaphthalene
Concen: 9.69 ng
RT: 12.12 min Scan# 678
Delta R.T. 0.01 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 85120

Ion	Ratio	Lower	Upper
142	100		
141	85.5	73.6	110.4
115	36.8	34.1	51.1

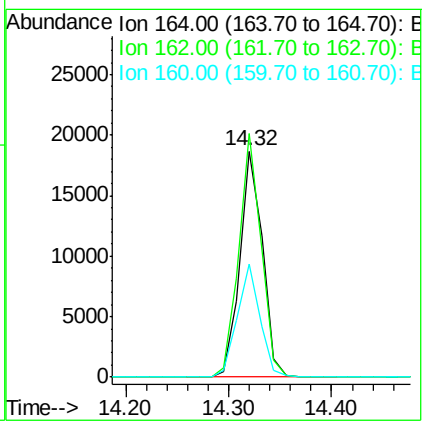


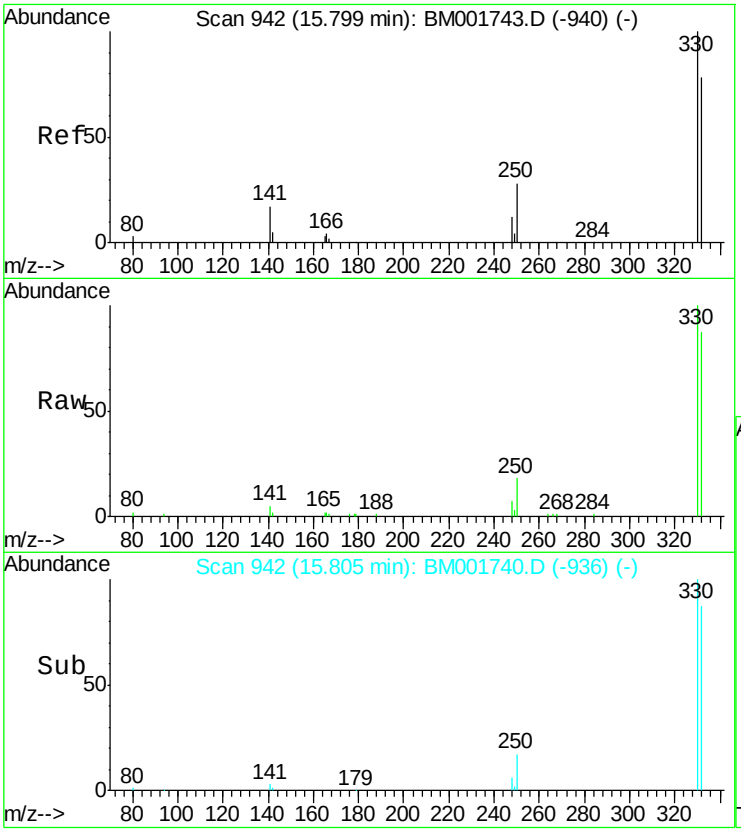


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.32 min Scan# 877
Delta R.T. -0.01 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Tgt Ion:164 Resp: 27849

Ion	Ratio	Lower	Upper
164	100		
162	107.6	76.6	114.8
160	50.1	31.8	47.8#



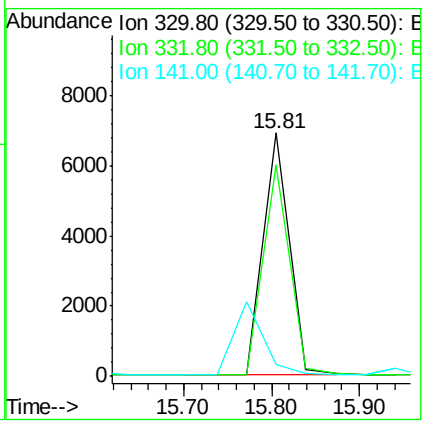


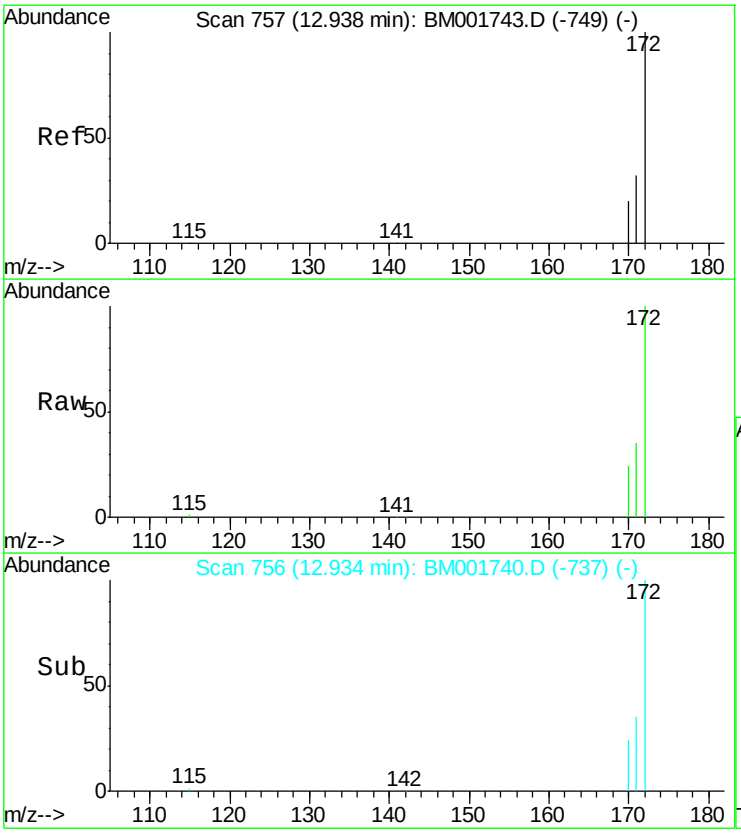
#13
2,4,6-Tribromophenol
Concen: 14.60 ng
RT: 15.81 min Scan# 942
Delta R.T. 0.01 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:330 Resp: 14417

Ion	Ratio	Lower	Upper
330	100		
332	87.6	65.8	98.8
141	0.0	0.0	0.0

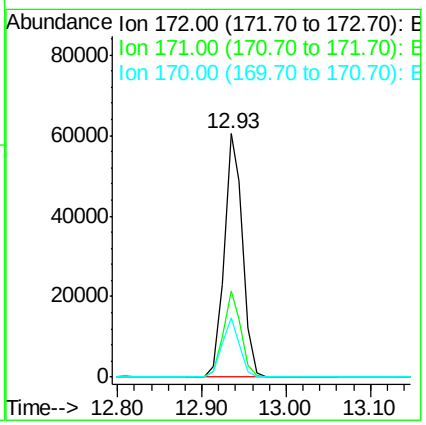


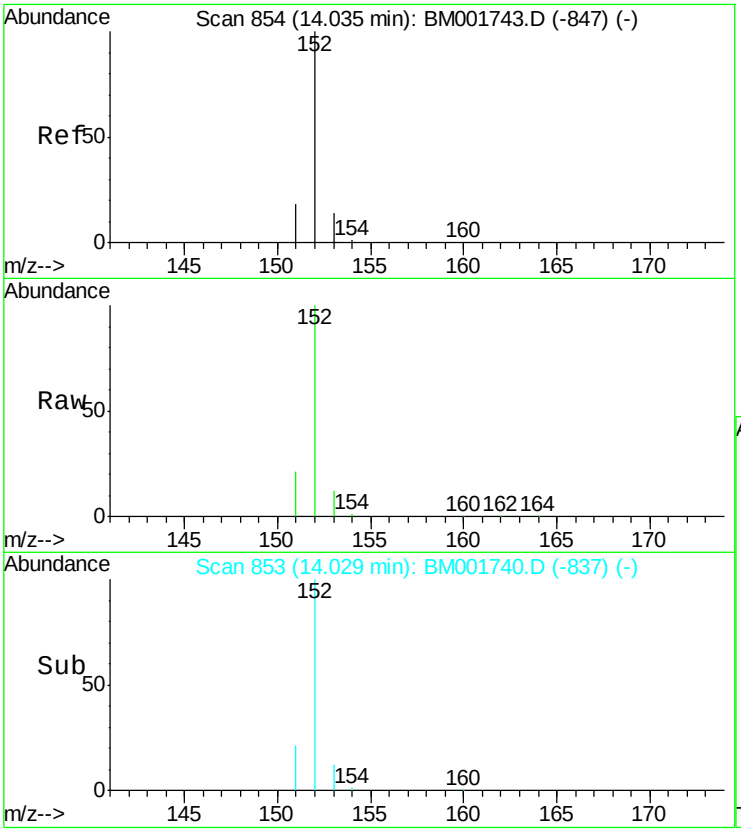


#14
2-Fluorobiphenyl
Concen: 9.43 ng
RT: 12.93 min Scan# 756
Delta R.T. -0.00 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Tgt Ion:172 Resp: 92603

Ion	Ratio	Lower	Upper
172	100		
171	35.3	26.2	39.2
170	24.5	16.6	24.8



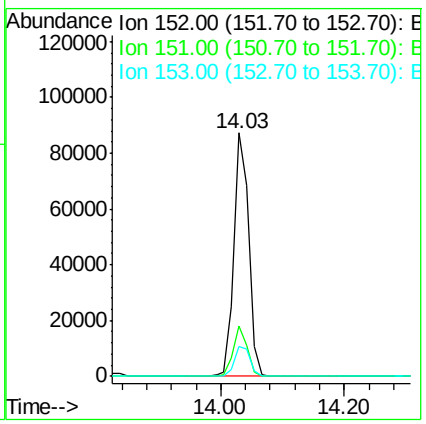


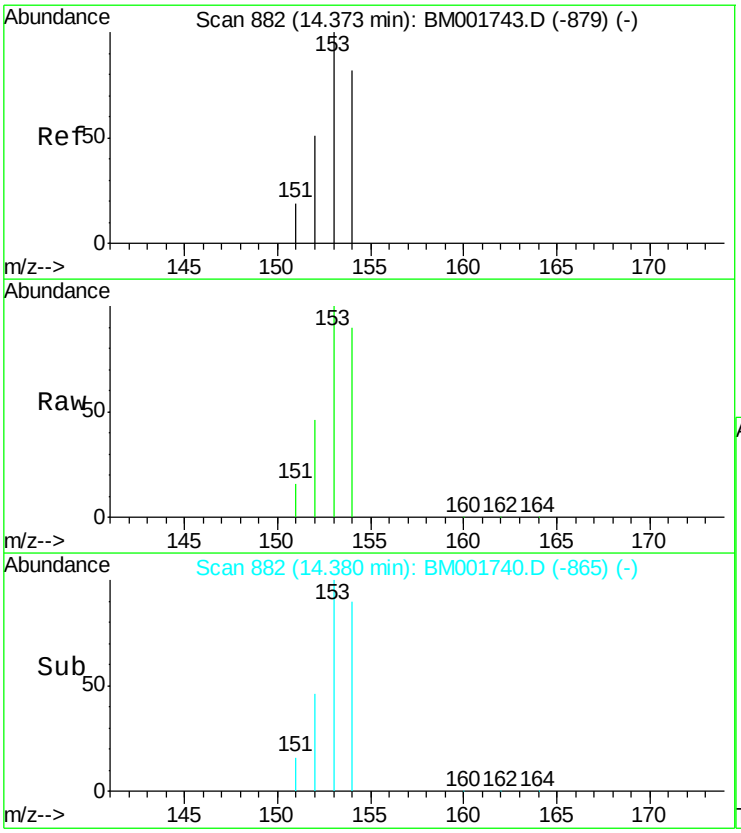
#15
Acenaphthylene
Concen: 10.80 ng
RT: 14.03 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 141419

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2
153	12.9	10.4	15.6

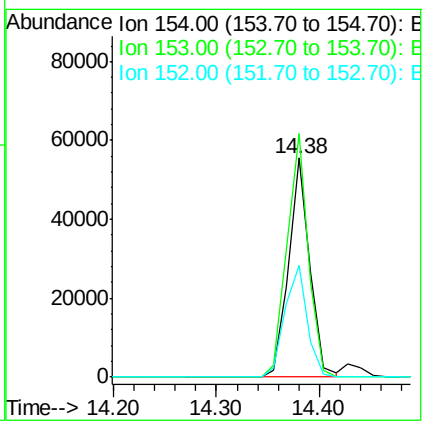


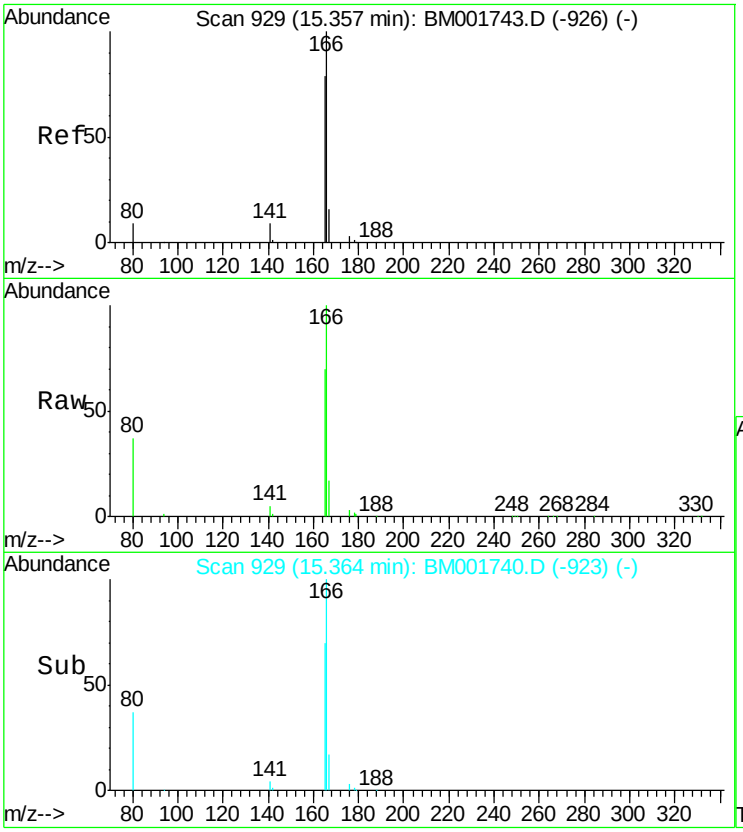


#16
Acenaphthene
Concen: 9.57 ng
RT: 14.38 min Scan# 882
Delta R.T. 0.01 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Tgt Ion:154 Resp: 79797

Ion	Ratio	Lower	Upper
154	100		
153	111.5	90.0	135.0
152	53.7	44.2	66.4



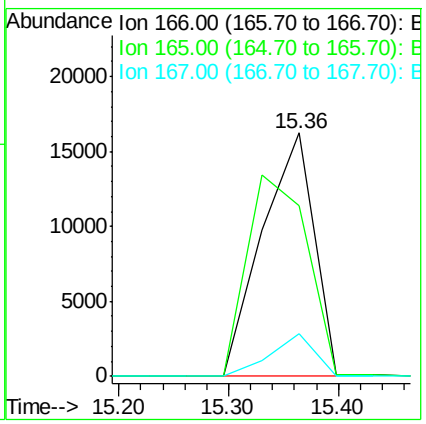


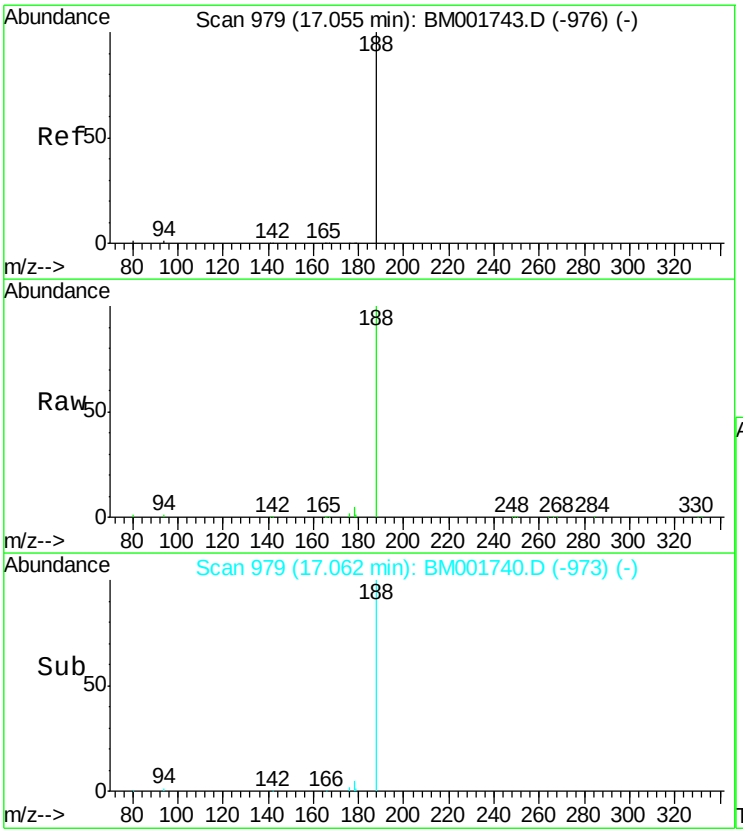
#17
Fluorene
Concen: 6.26 ng
RT: 15.36 min Scan# 929
Delta R.T. 0.01 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:166 Resp: 52911

Ion	Ratio	Lower	Upper
166	100		
165	0.0	68.2	102.2#
167	14.4	12.2	18.2

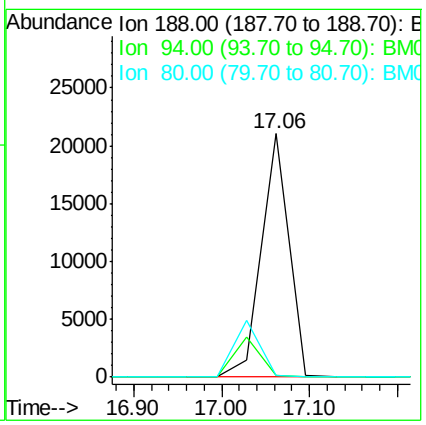


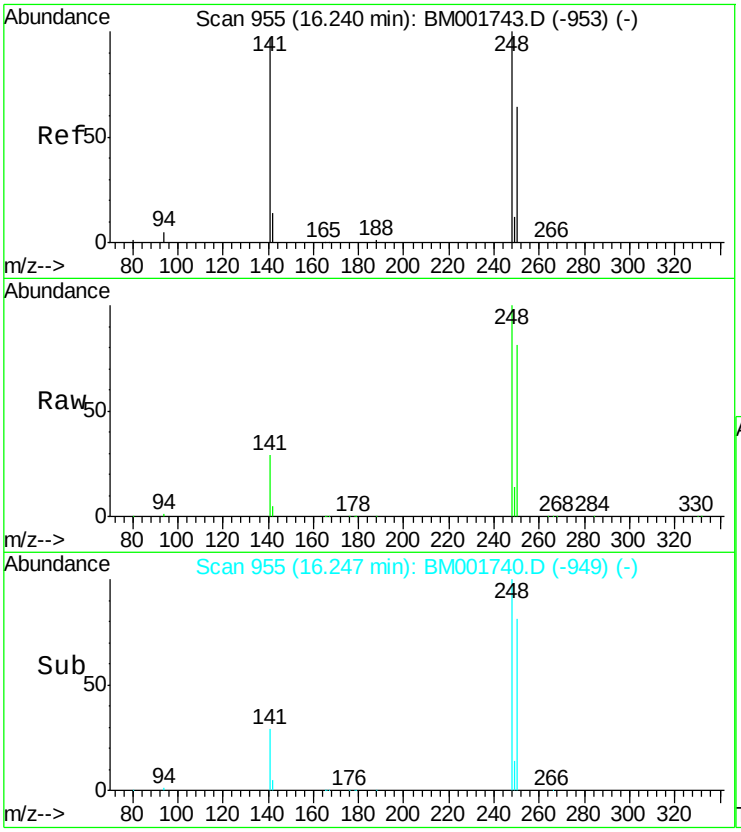


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. 0.01 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Tgt Ion:188 Resp: 45784

Ion	Ratio	Lower	Upper
188	100		
94	0.9	1.3	1.9#
80	0.7	1.0	1.6#



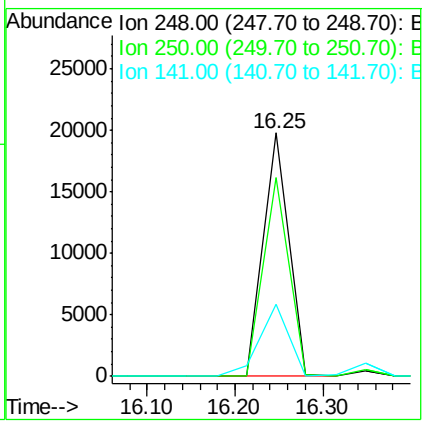


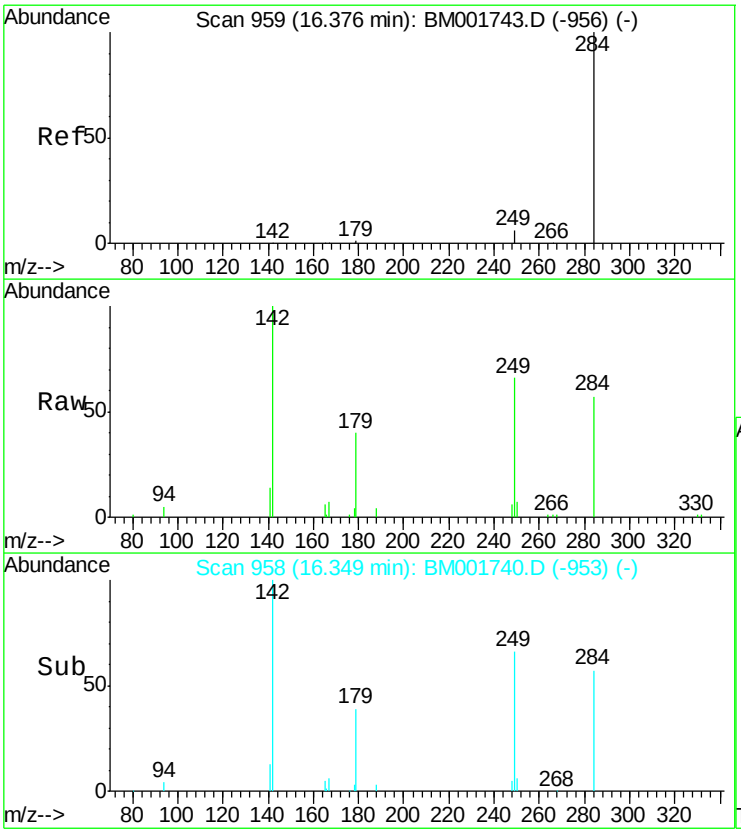
#19
4-Bromophenyl-phenylether
Concen: 9.85 ng
RT: 16.25 min Scan# 955
Delta R.T. 0.01 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 40369

Ion	Ratio	Lower	Upper
248	100		
250	81.8	54.8	82.2
141	33.6	76.2	114.4#

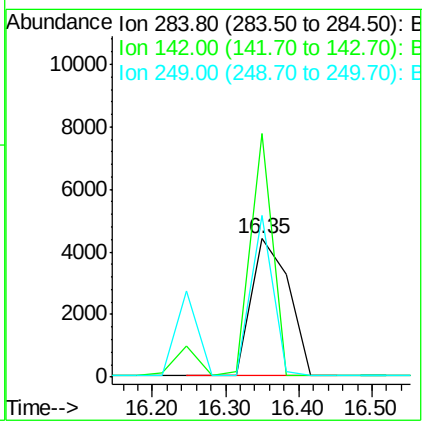


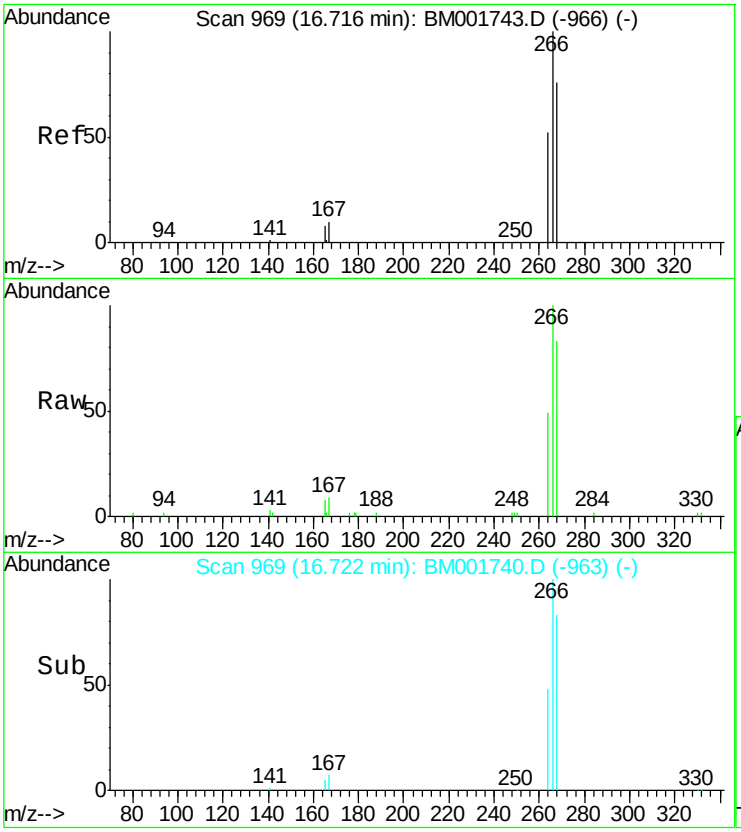


#20
Hexachlorobenzene
Concen: 4.09 ng
RT: 16.35 min Scan# 958
Delta R.T. -0.03 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Tgt Ion:284 Resp: 15558

Ion	Ratio	Lower	Upper
284	100		
142	103.1	0.0	0.0#
249	68.6	0.0	0.0#



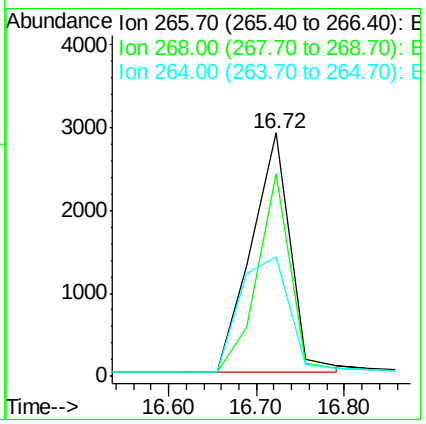


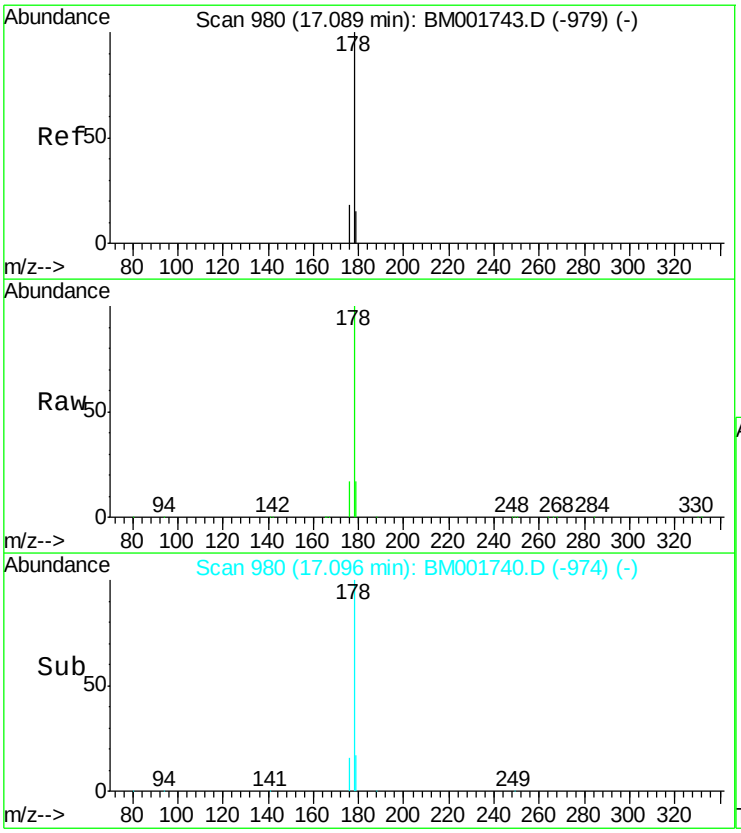
#21
Pentachlorophenol
Concen: 8.39 ng
RT: 16.72 min Scan# 969
Delta R.T. 0.01 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:266 Resp: 9018

Ion	Ratio	Lower	Upper
266	100		
268	83.2	63.2	94.8
264	49.1	46.2	69.2

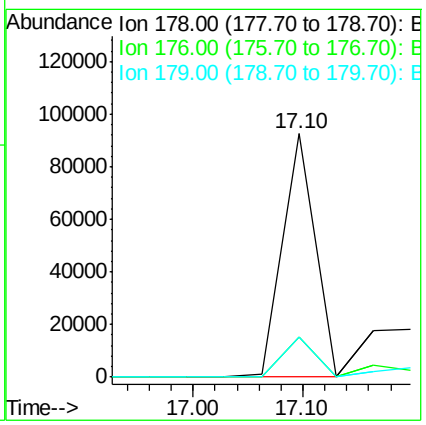


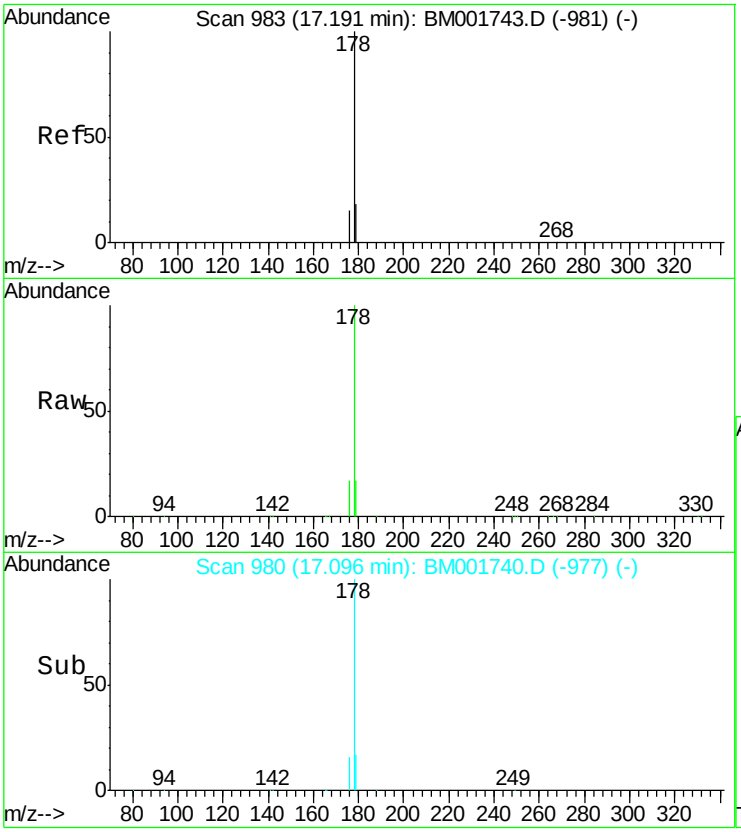


#22
Phenanthrene
Concen: 12.57 ng
RT: 17.10 min Scan# 980
Delta R.T. 0.01 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Tgt Ion:178 Resp: 190865

Ion	Ratio	Lower	Upper
178	100		
176	16.6	15.4	23.2
179	16.6	12.6	19.0



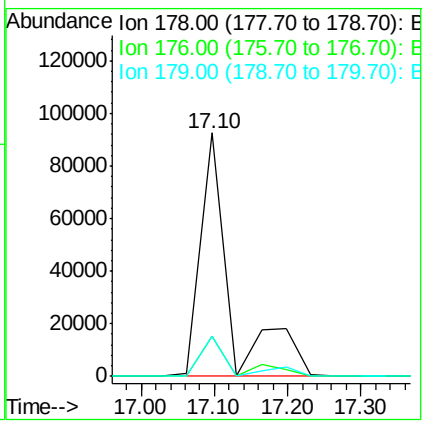


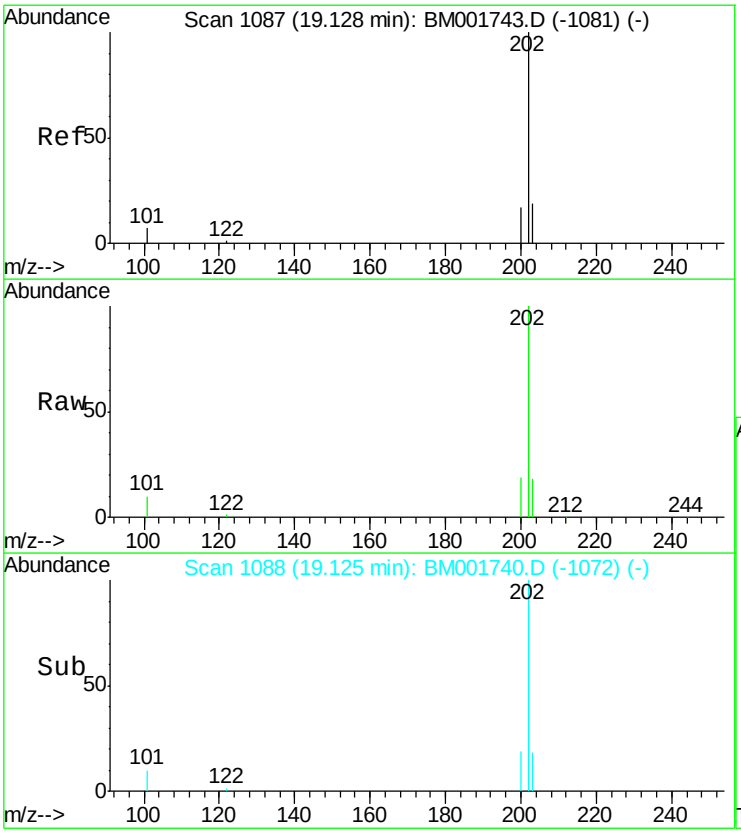
#23
Anthracene
Concen: 15.91 ng
RT: 17.10 min Scan# 980
Delta R.T. -0.10 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 260114

Ion	Ratio	Lower	Upper
178	100		
176	17.2	10.0	15.0#
179	13.4	12.3	18.5

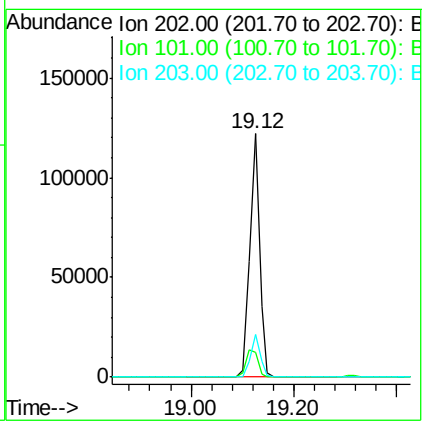


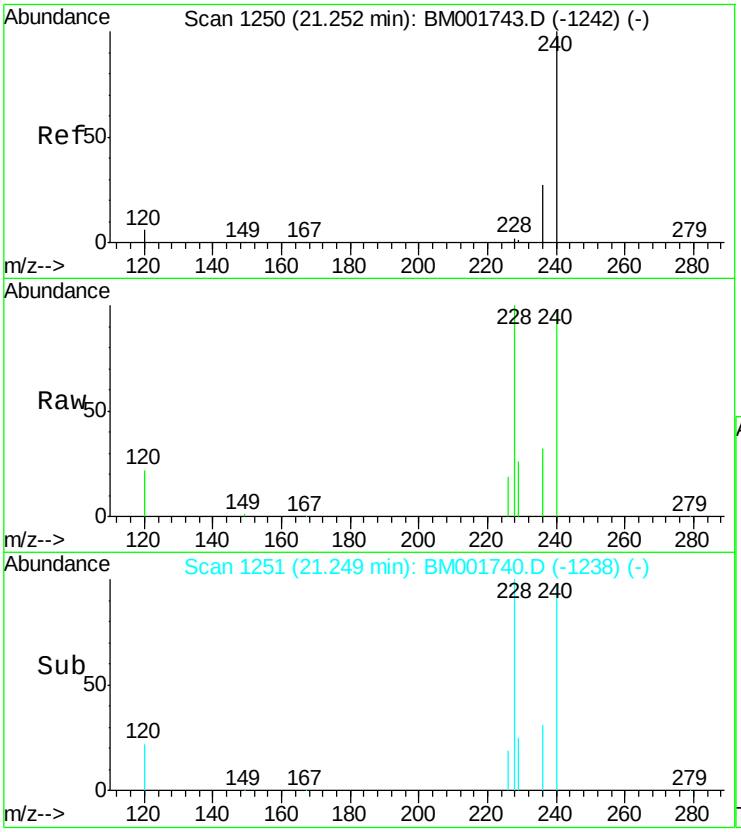


#24
Fluoranthene
Concen: 7.97 ng
RT: 19.12 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Tgt Ion:202 Resp: 161362

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.8	16.2
203	17.3	13.8	20.6



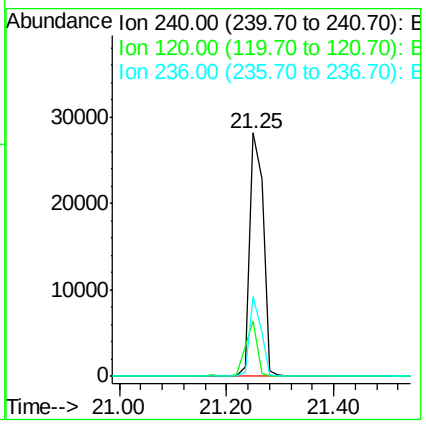


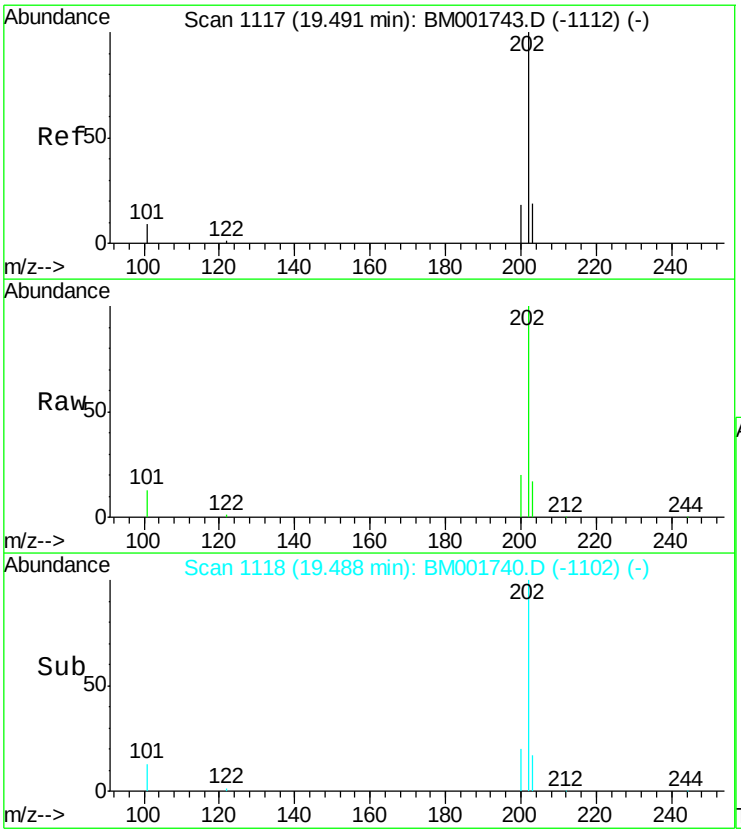
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.25 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:240 Resp: 49116

Ion	Ratio	Lower	Upper
240	100		
120	22.9	4.7	7.1#
236	32.7	21.6	32.4#

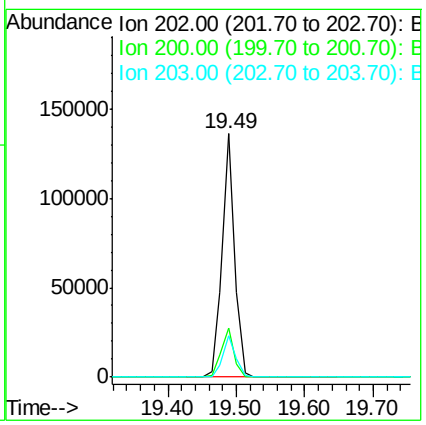


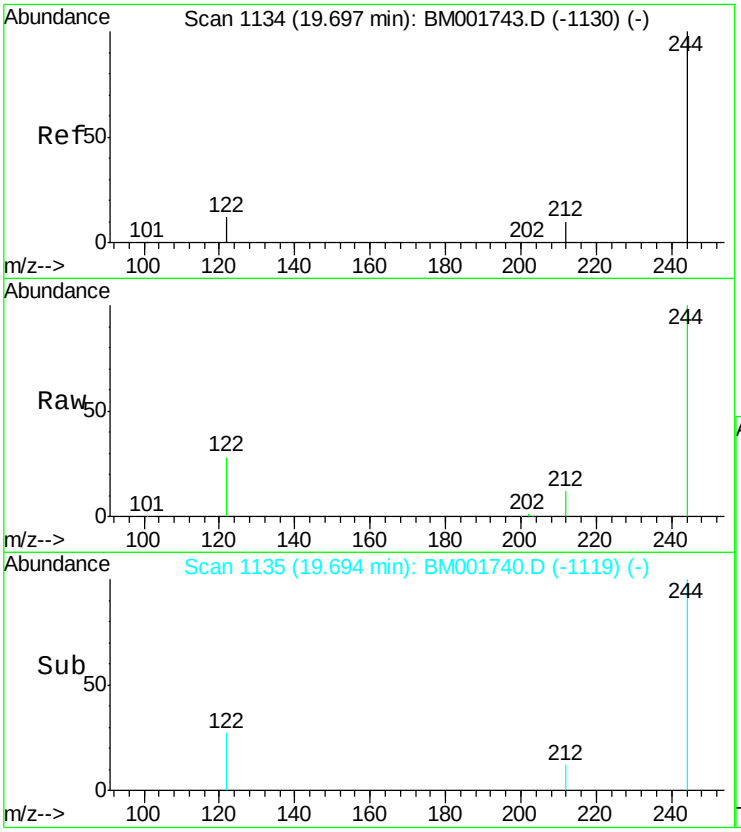


#26
Pyrene
Concen: 10.22 ng
RT: 19.49 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Tgt Ion:202 Resp: 172190

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	24.8
203	17.3	13.9	20.9



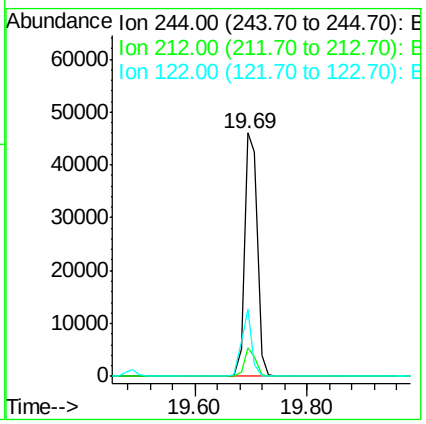


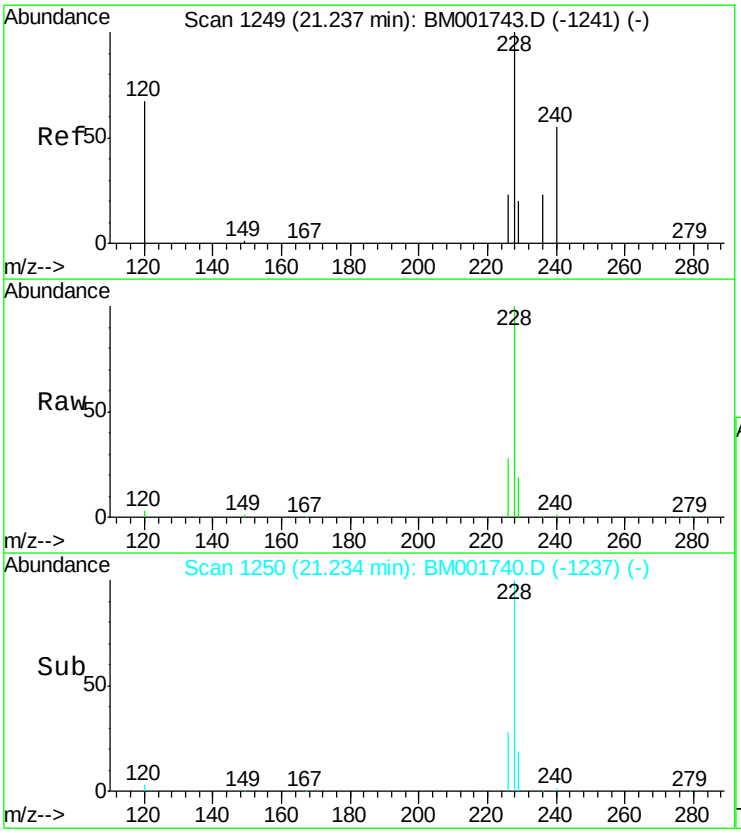
#27
Terphenyl-d14
Concen: 9.64 ng
RT: 19.69 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 71091

Ion	Ratio	Lower	Upper
244	100		
212	11.7	8.6	13.0
122	27.7	10.6	15.8#

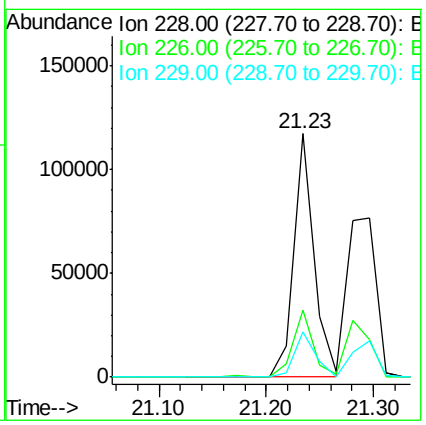


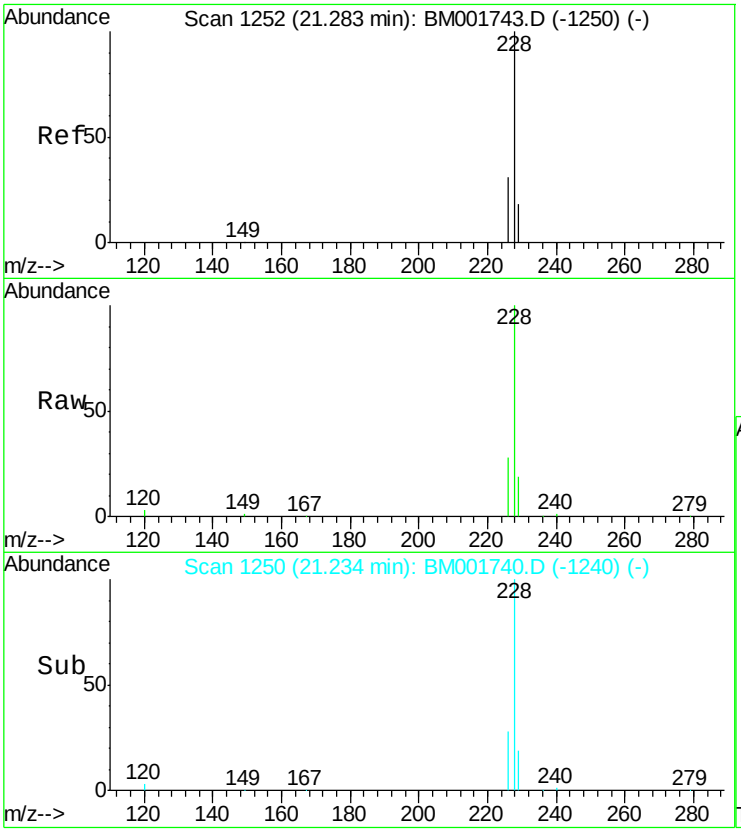


#28
Benzo(a)anthracene
Concen: 9.92 ng
RT: 21.23 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Tgt Ion:228 Resp: 152583

Ion	Ratio	Lower	Upper
228	100		
226	27.6	18.9	28.3
229	18.6	16.6	25.0



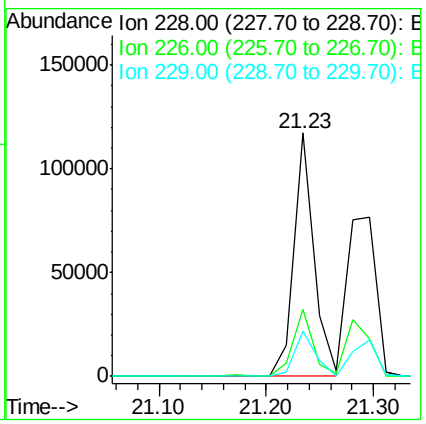


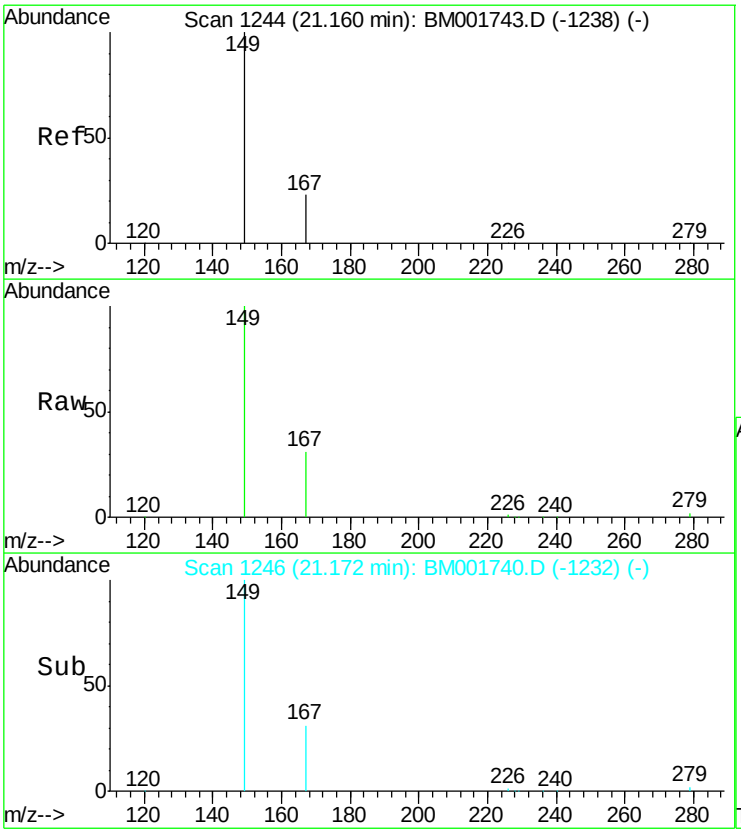
#29
Chrysene
Concen: 10.23 ng
RT: 21.23 min Scan# 1250
Delta R.T. -0.05 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 152583

Ion	Ratio	Lower	Upper
228	100		
226	27.6	24.3	36.5
229	18.6	15.0	22.6

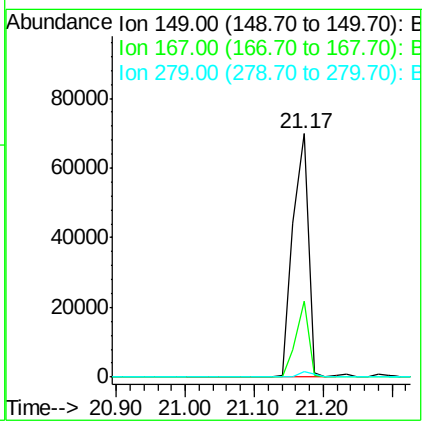


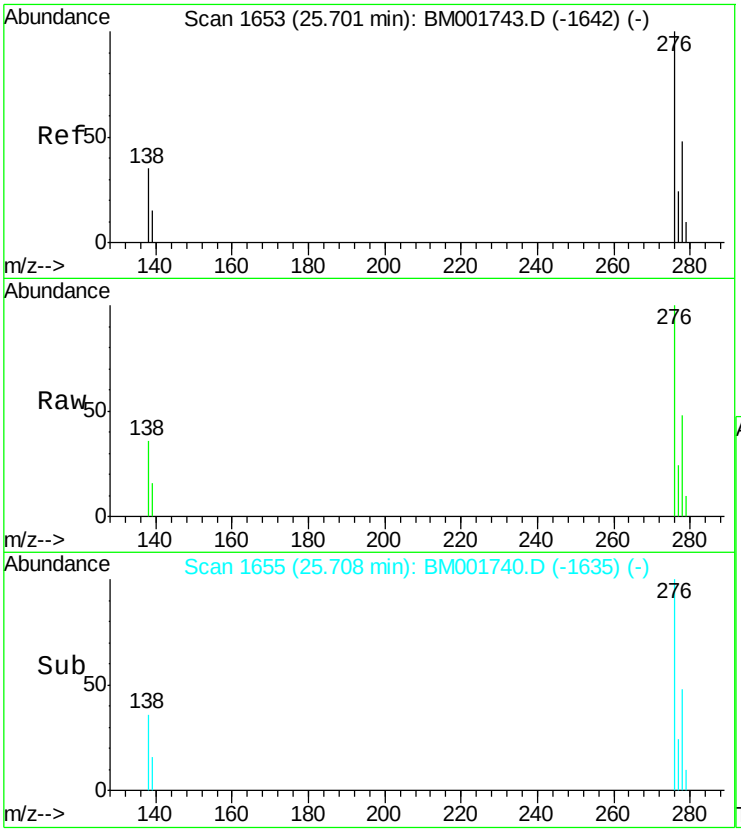


#30
Bis(2-ethylhexyl)phthalate
Concen: 11.26 ng
RT: 21.17 min Scan# 1246
Delta R.T. 0.01 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Tgt Ion:149 Resp: 107470

Ion	Ratio	Lower	Upper
149	100		
167	25.8	19.7	29.5
279	2.1	1.6	2.4



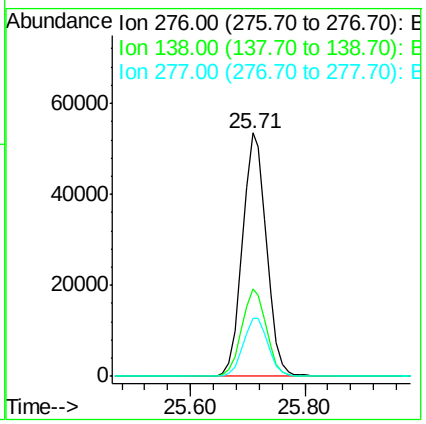


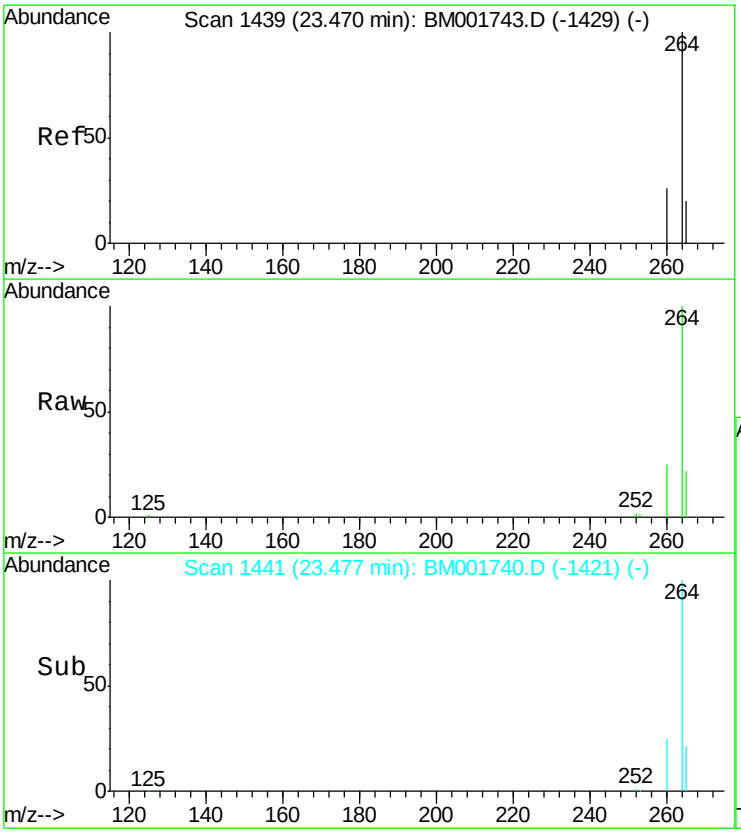
#31
Indeno(1,2,3-cd)pyrene
Concen: 12.76 ng
RT: 25.71 min Scan# 1655
Delta R.T. 0.01 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 155029

Ion	Ratio	Lower	Upper
276	100		
138	36.6	29.0	43.6
277	24.6	19.7	29.5

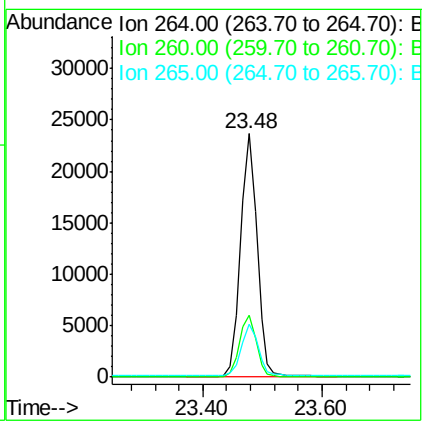


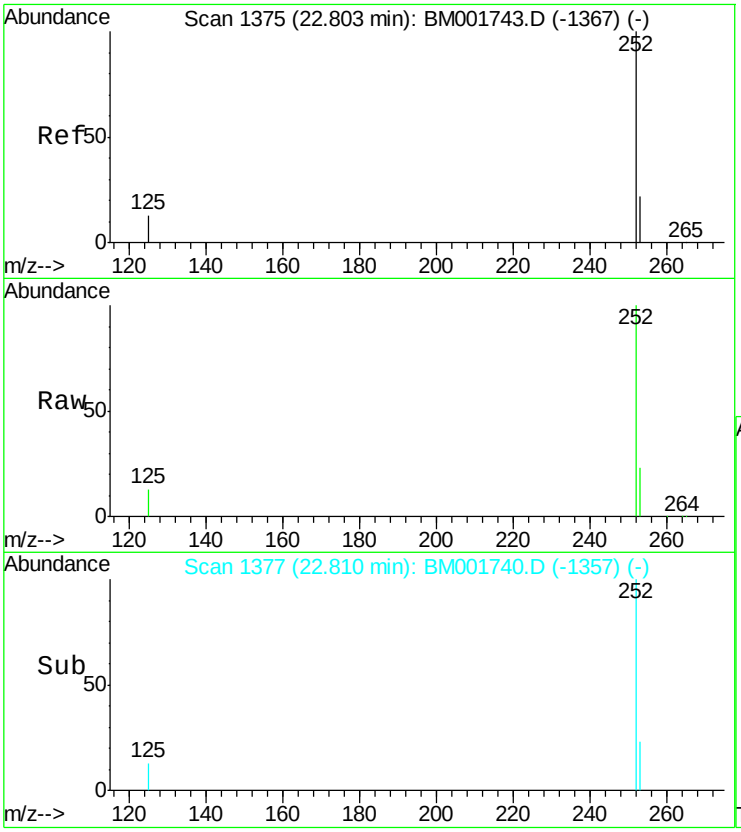


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.48 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Tgt Ion:264 Resp: 44918

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.8	31.2
265	21.7	16.8	25.2



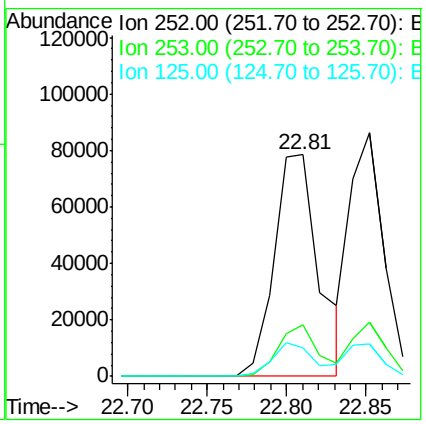


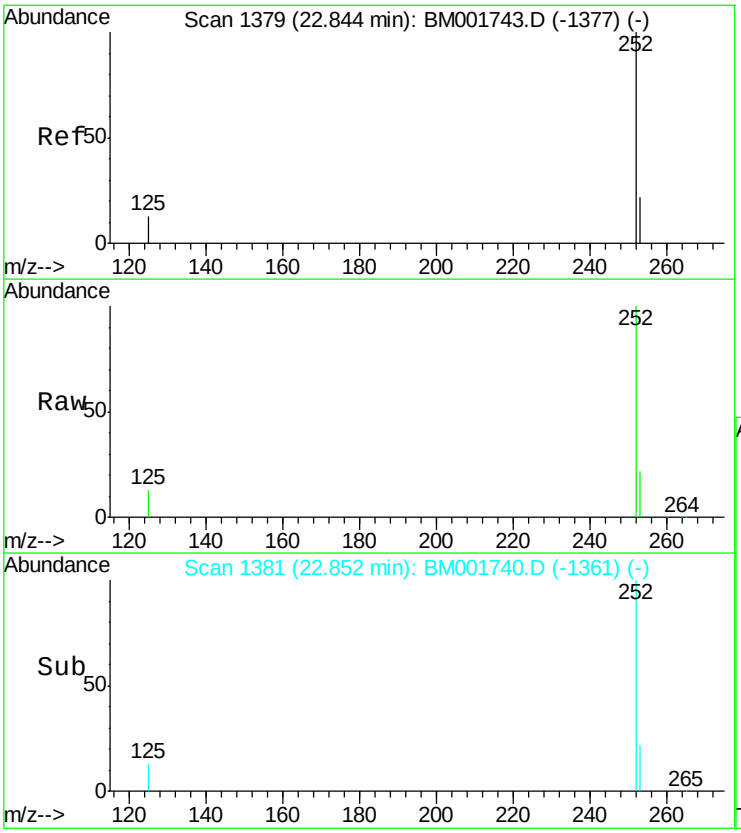
#33
Benzo(b)fluoranthene
Concen: 10.35 ng
RT: 22.81 min Scan# 1377
Delta R.T. 0.01 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 152816

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.0	28.4
125	12.8	11.3	16.9

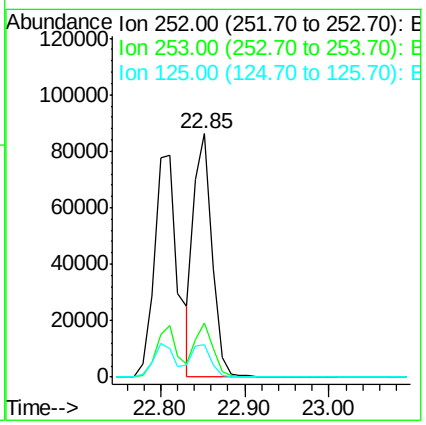


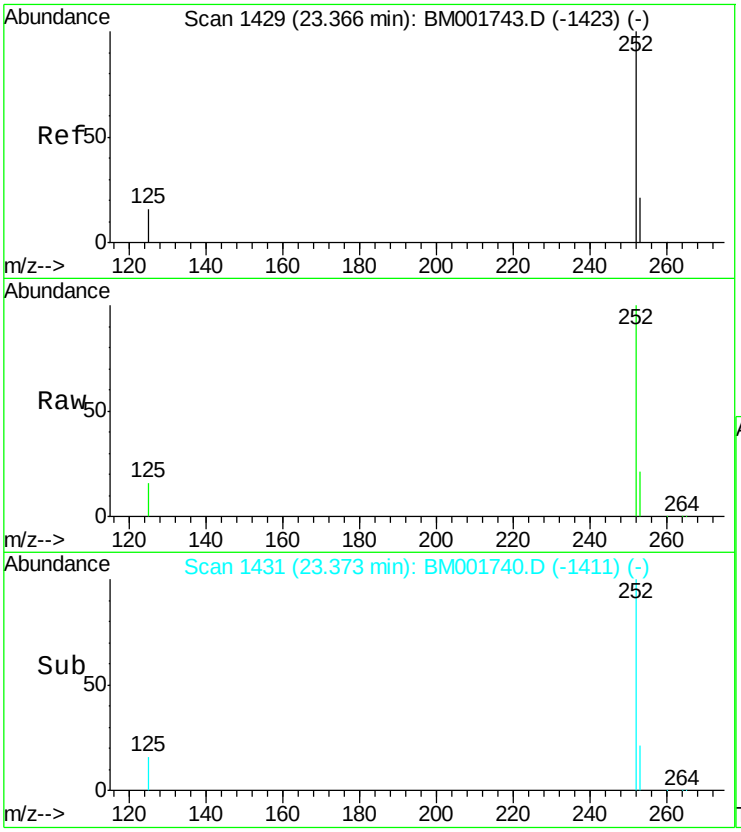


#34
Benzo(k)fluoranthene
Concen: 9.00 ng
RT: 22.85 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Tgt Ion:252 Resp: 127234

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	13.2	11.8	17.6



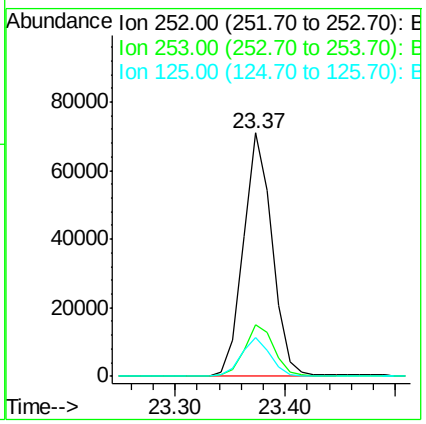


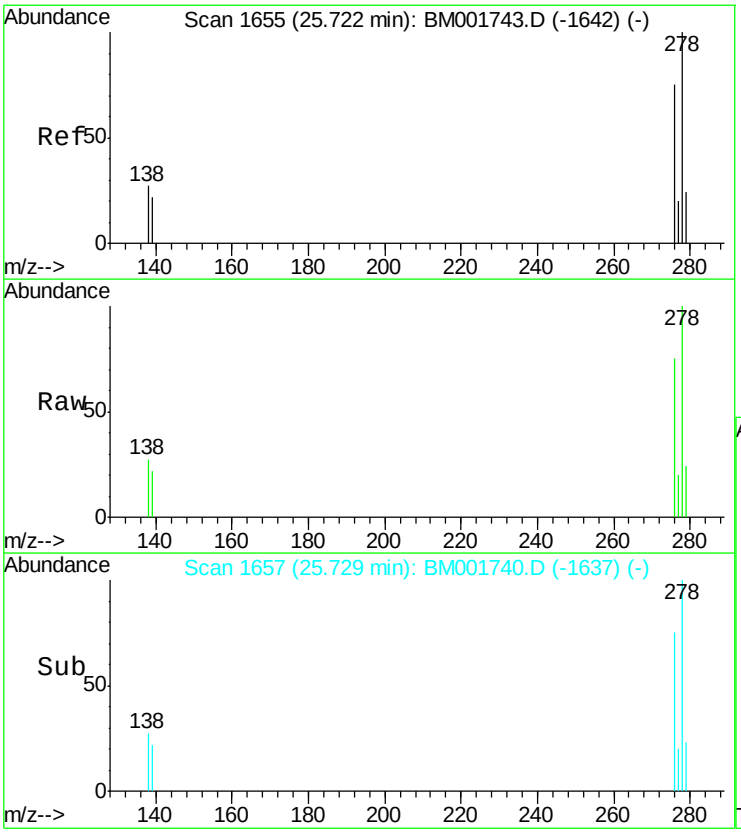
#35
Benzo(a)pyrene
Concen: 10.42 ng
RT: 23.37 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 128061

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.9	26.9
125	15.9	14.1	21.1

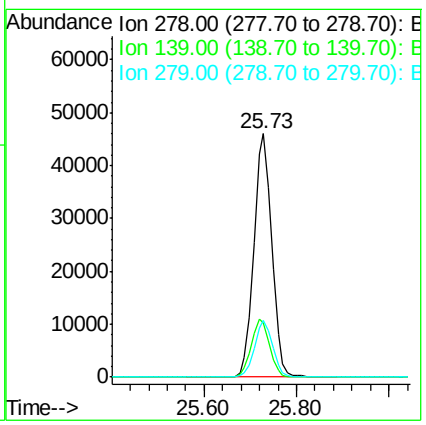


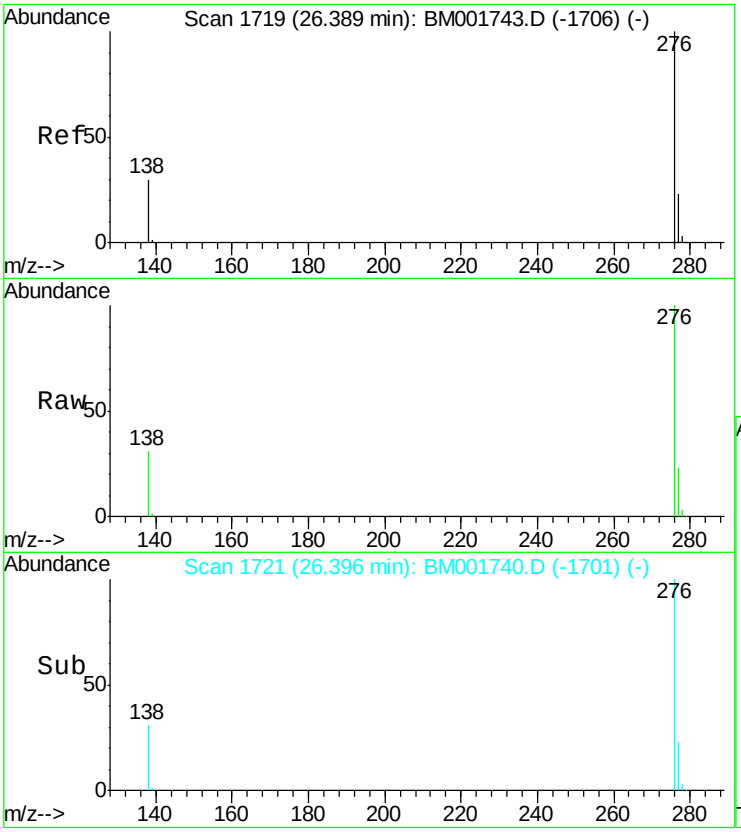


#36
Dibenzo(a,h)anthracene
Concen: 11.71 ng
RT: 25.73 min Scan# 1657
Delta R.T. 0.01 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Tgt Ion:278 Resp: 124386

Ion	Ratio	Lower	Upper
278	100		
139	22.3	18.4	27.6
279	23.6	19.8	29.8





#37
Benzo(g,h,i)perylene
Concen: 11.07 ng
RT: 26.40 min Scan# 1721
Delta R.T. 0.01 min
Lab File: BM001740.D
Acq: 18 Jun 2015 17:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 126445

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.3	28.9
138	31.1	24.7	37.1