Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060815\
Data File : BM001606.D
Acq On : 09 Jun 2015 04:48
Operator : TP/IZ
Sample : PB83718BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB83718BSD

Quant Time: Jun 09 18:12:07 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 17:36:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	21136	5.00	ng		0.00
6) Naphthalene-d8	10.47	136	74823	5.00	ng		0.00
12) Acenaphthene-d10	14.35	164	34762	5.00	ng		0.00
18) Phenanthrene-d10	17.09	188	41117	5.00	ng		0.03
25) Chrysene-d12	21.28	240	59413	5.00	ng		0.00
32) Perylene-d12	23.51	264	54398	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	48728	10.14	ng		-0.02
5) Phenol-d6	6.84	99	62079	10.51	ng		-0.02
7) Nitrobenzene-d5	8.85	82	56866	10.79	ng		0.00
13) 2,4,6-Tribromophenol	15.83	330	18434	11.00	ng		0.00
14) 2-Fluorobiphenyl	12.96	172	107889	9.53	ng		0.00
27) Terphenyl-d14	19.72	244	74062	9.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	19904	8.56	ng		94
3) n-Nitrosodimethylamine	3.51	42	33723	10.14	ng		97
8) Nitrobenzene	8.89	77	62126	10.98	ng		98
9) Naphthalene	10.52	128	160641	9.59	ng		99
10) Hexachlorobutadiene	10.82	225	27488	9.53	ng		99
11) 2-Methylnaphthalene	12.15	142	102021	9.94	ng		98
15) Acenaphthylene	14.06	152	166523	10.67	ng		100
16) Acenaphthene	14.41	154	97512	9.94	ng		96
17) Fluorene	15.36	166	65919	9.92	ng		98
19) 4-Bromophenyl-phenylether	16.27	248	44657	11.45	ng		89
20) Hexachlorobenzene	16.38	284	23989	11.25	ng	#	74
21) Pentachlorophenol	16.72	266	9913	13.89	ng		92
22) Phenanthrene	17.12	178	249590	17.00	ng		96
23) Anthracene	17.12	178	241957	27.78	ng	#	79
24) Fluoranthene	19.15	202	177375	11.16	ng		100
26) Pyrene	19.52	202	186930	9.71	ng		100
28) Benzo(a)anthracene	21.25	228	168245	9.70	ng		97
29) Chrysene	21.31	228	152652	9.31	ng		99
30) Bis(2-ethylhexyl)phthalate	21.19	149	111757	11.15	ng		98
31) Indeno(1,2,3-cd)pyrene	25.76	276	162632	9.76	ng		99
33) Benzo(b)fluoranthene	22.83	252	156380	9.56	ng		98
34) Benzo(k)fluoranthene	22.88	252	151086	9.58	ng		97
35) Benzo(a)pyrene	23.41	252	140480	9.73	ng		96
36) Dibenzo(a,h)anthracene	25.78	278	126791	9.60	ng		97
37) Benzo(g,h,i)perylene	26.46	276	131222	9.22	ng		99

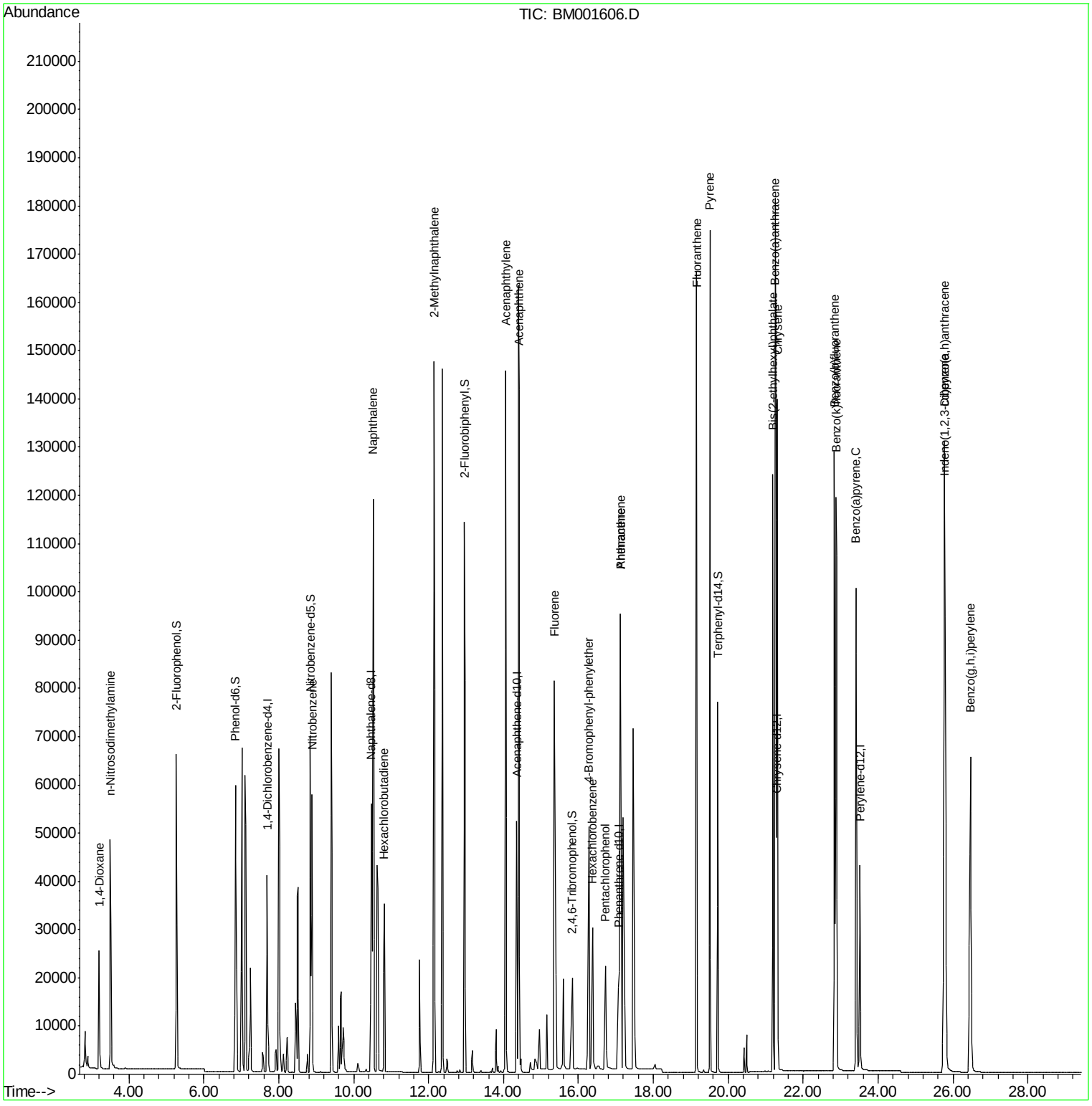
(#) = qualifier out of range (m) = manual integration (+) = signals summed

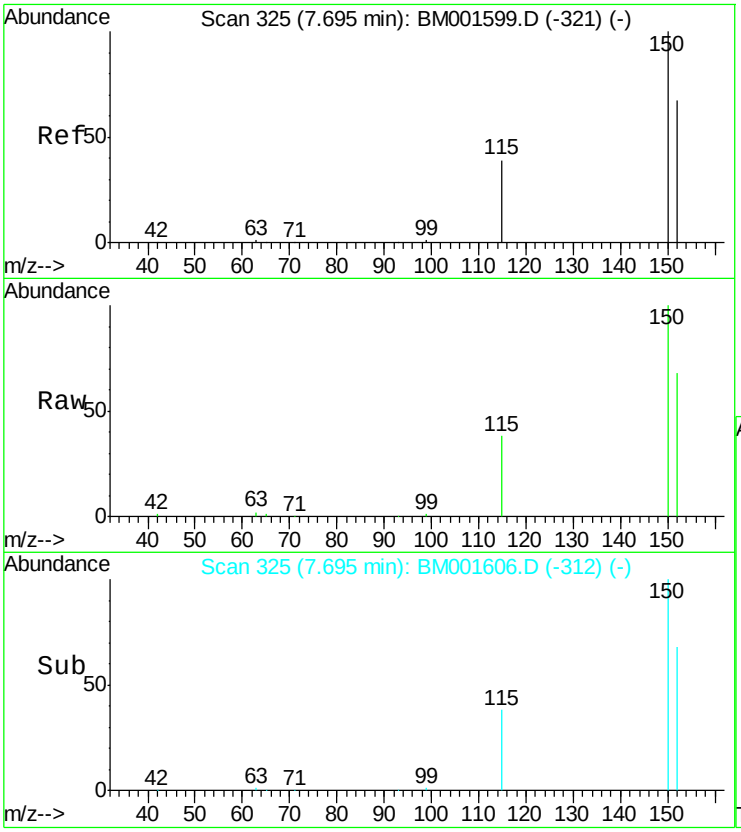
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060815\
Data File : BM001606.D
Acq On : 09 Jun 2015 04:48
Operator : TP/IZ
Sample : PB83718BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Quant Time: Jun 09 18:12:07 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 17:36:38 2015
Response via : Initial Calibration



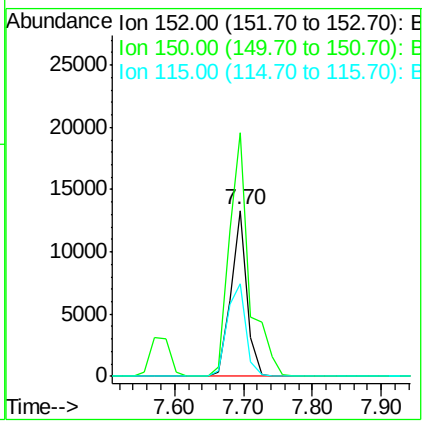


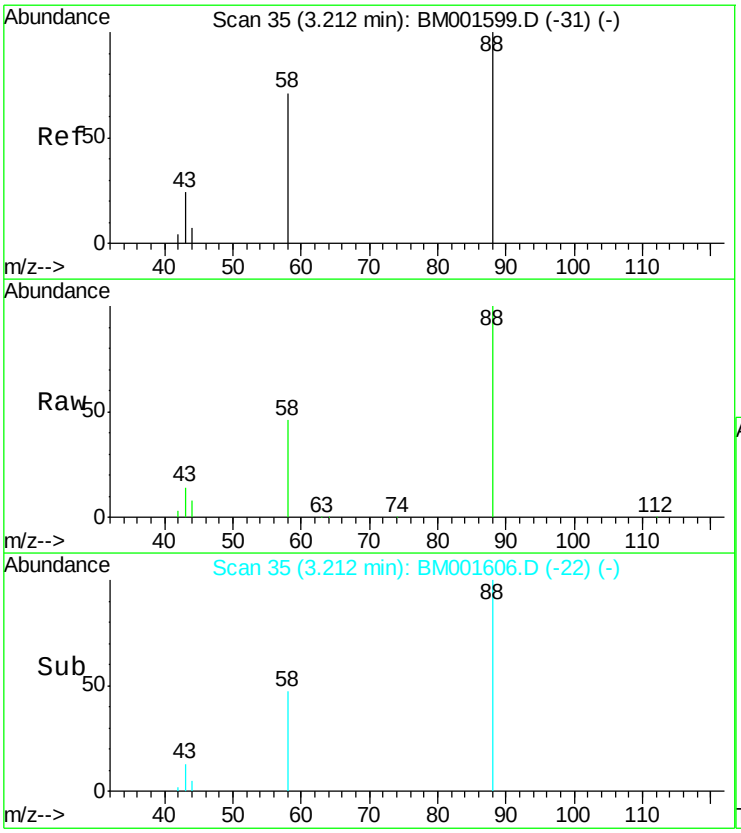
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.70 min Scan# 325
Delta R.T. 0.00 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:152 Resp: 21136

Ion	Ratio	Lower	Upper
152	100		
150	146.6	120.1	180.1
115	56.0	47.0	70.6

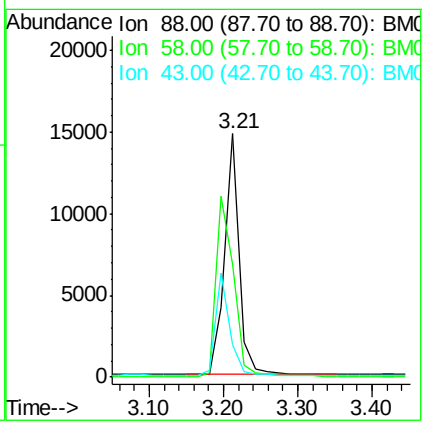


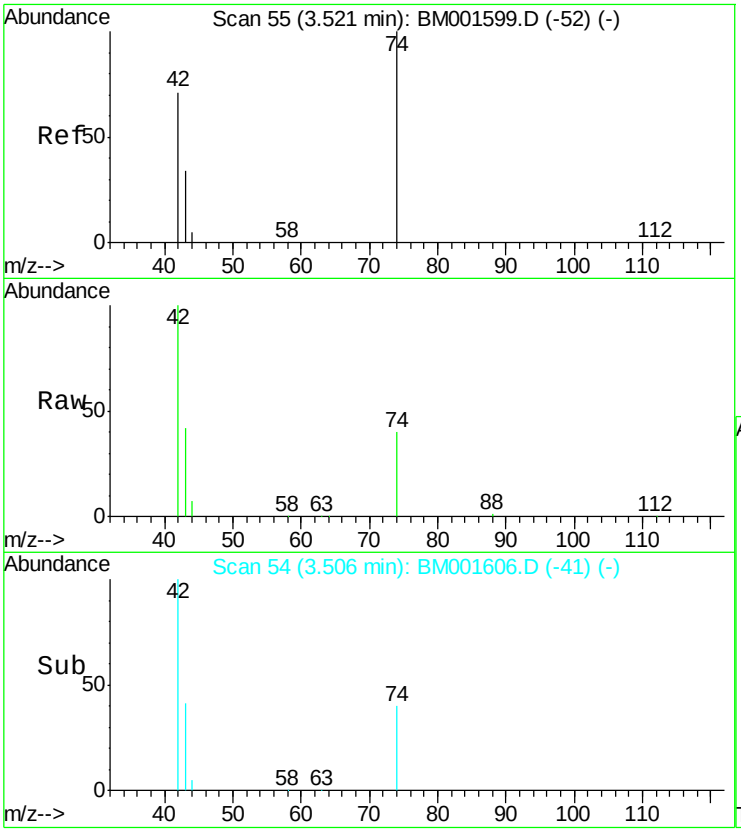


#2
1,4-Dioxane
Concen: 8.56 ng
RT: 3.21 min Scan# 35
Delta R.T. 0.00 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Tgt Ion: 88 Resp: 19904

Ion	Ratio	Lower	Upper
88	100		
58	88.9	65.5	98.3
43	41.3	32.2	48.2



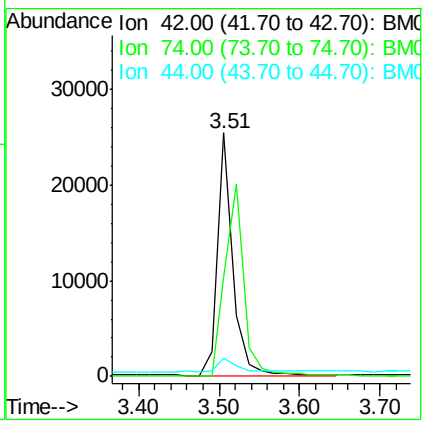


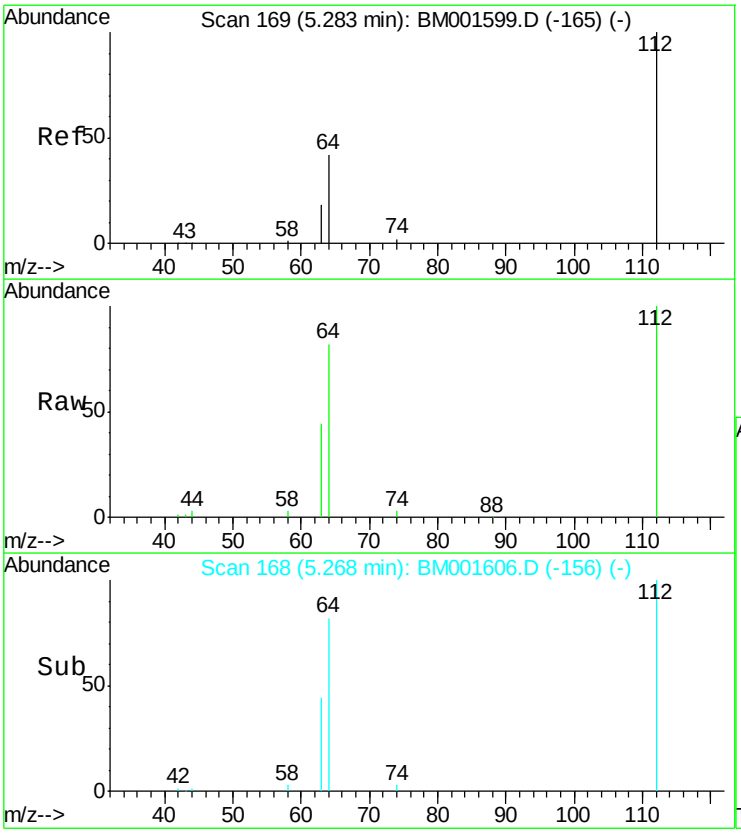
#3
n-Nitrosodimethylamine
Concen: 10.14 ng
RT: 3.51 min Scan# 54
Delta R.T. 0.00 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion: 42 Resp: 33723

Ion	Ratio	Lower	Upper
42	100		
74	96.9	79.5	119.3
44	6.1	5.7	8.5

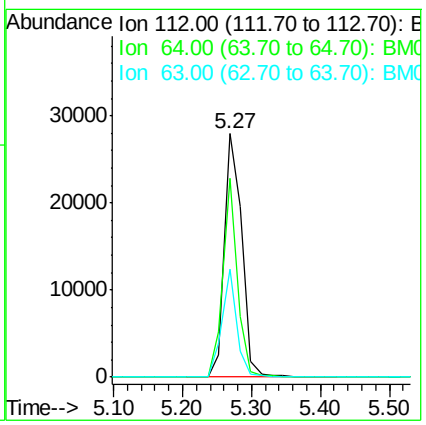


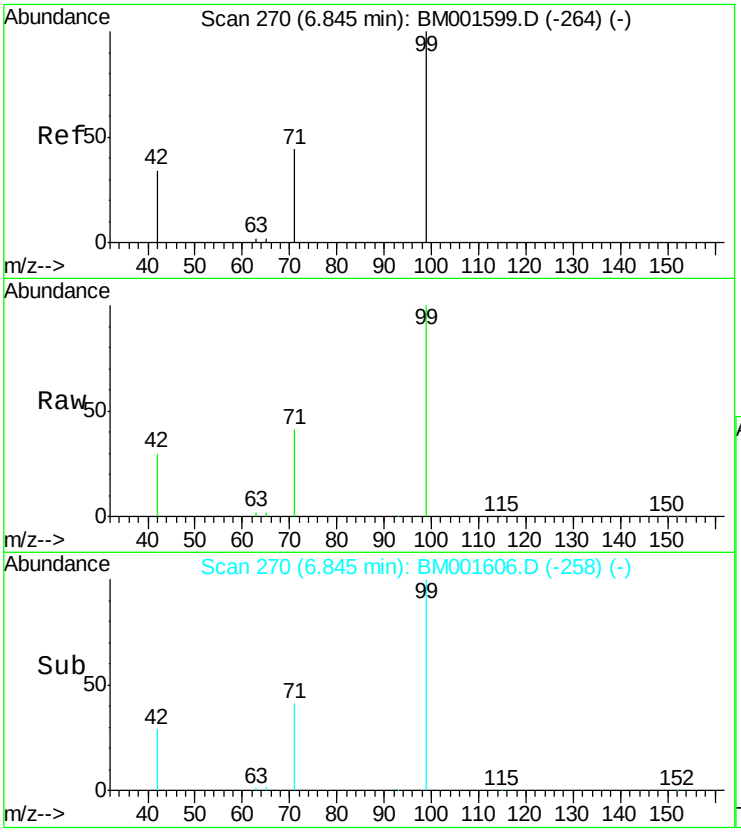


#4
2-Fluorophenol
Concen: 10.14 ng
RT: 5.27 min Scan# 168
Delta R.T. -0.02 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Tgt Ion:112 Resp: 48728

Ion	Ratio	Lower	Upper
112	100		
64	68.5	54.8	82.2
63	37.5	30.5	45.7



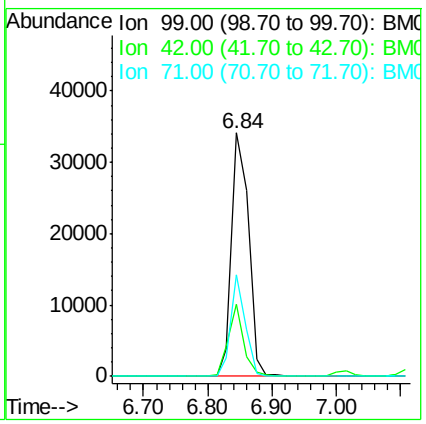


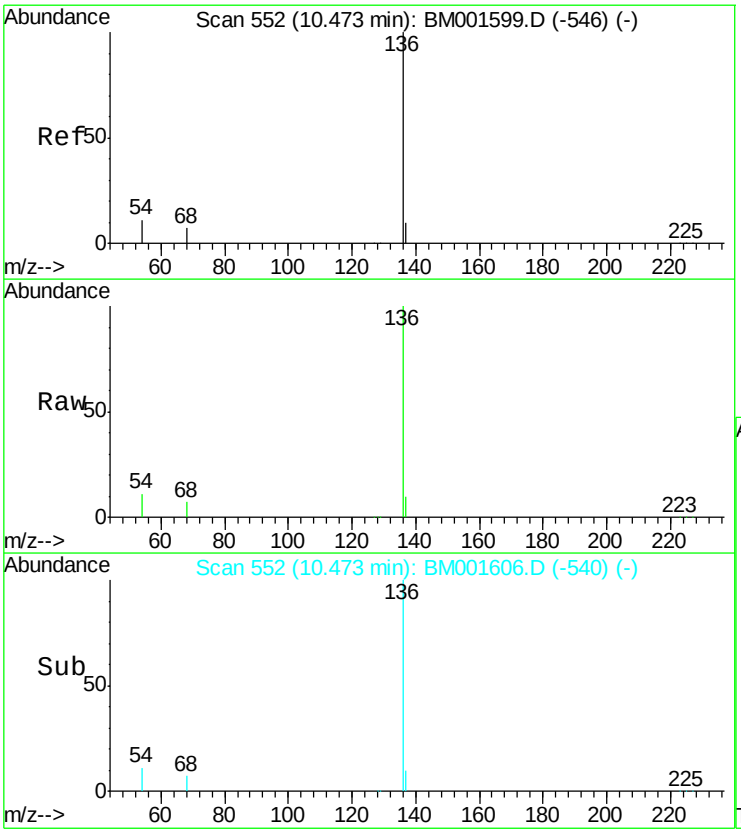
#5
Phenol-d6
Concen: 10.51 ng
RT: 6.84 min Scan# 270
Delta R.T. -0.02 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion: 99 Resp: 62079

Ion	Ratio	Lower	Upper
99	100		
42	26.4	21.6	32.4
71	35.7	28.7	43.1

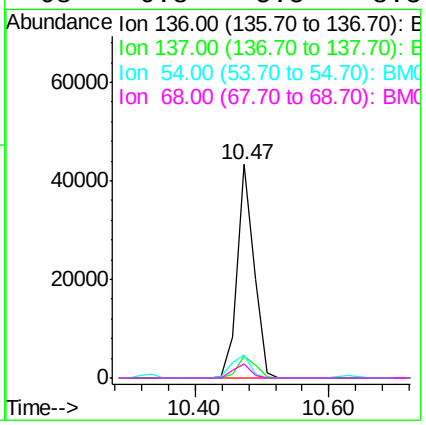


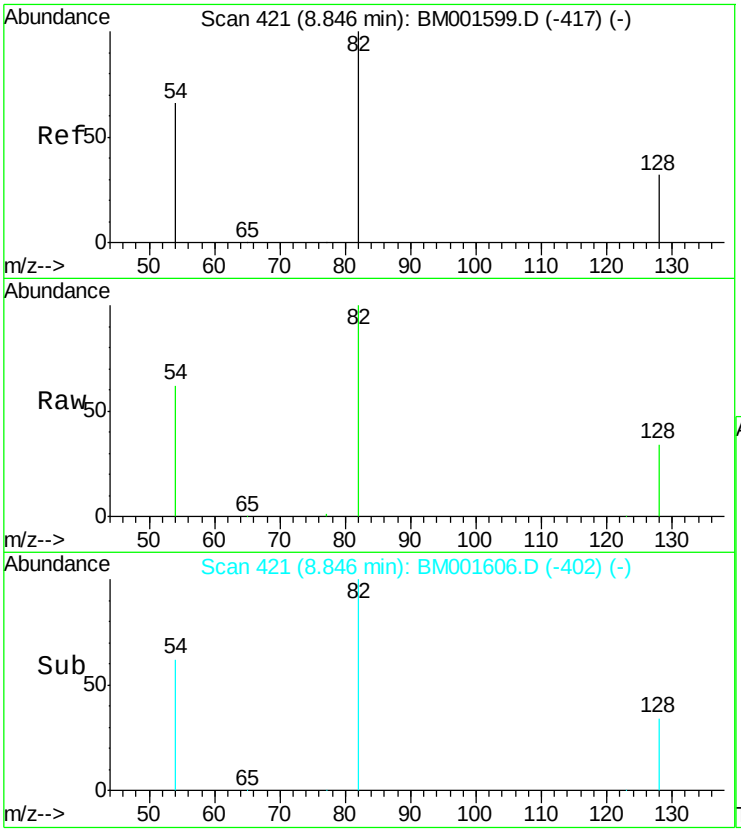


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.47 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Tgt Ion:136 Resp: 74823

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.3	12.5
54	11.1	9.2	13.8
68	6.8	5.5	8.3



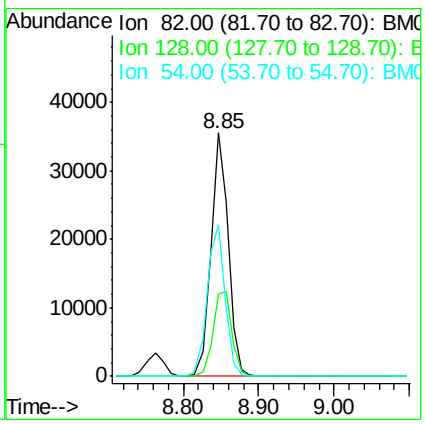


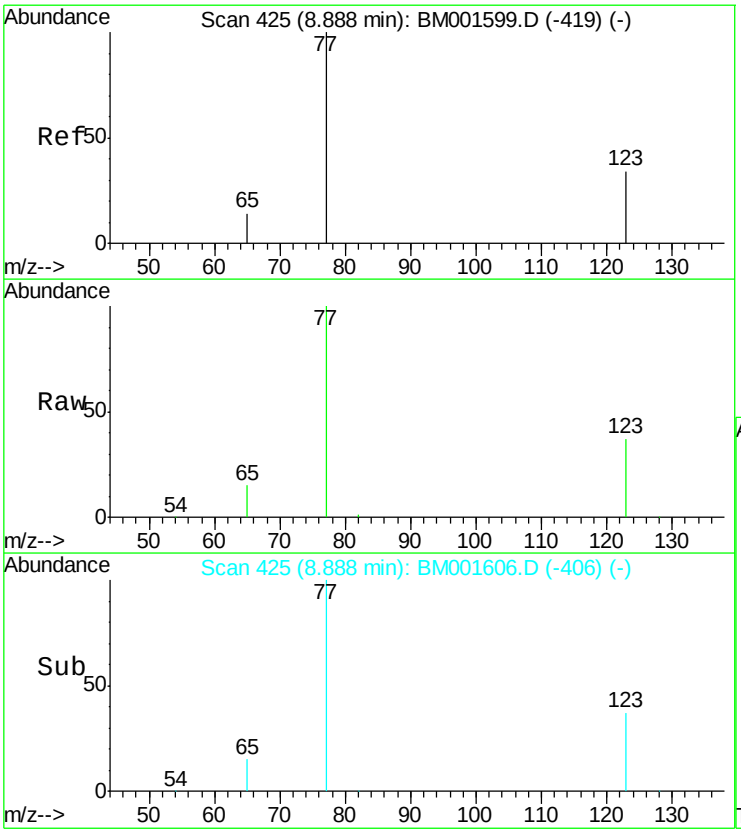
#7
Nitrobenzene-d5
Concen: 10.79 ng
RT: 8.85 min Scan# 421
Delta R.T. 0.00 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion: 82 Resp: 56866

Ion	Ratio	Lower	Upper
82	100		
128	33.9	26.6	40.0
54	62.2	53.0	79.6

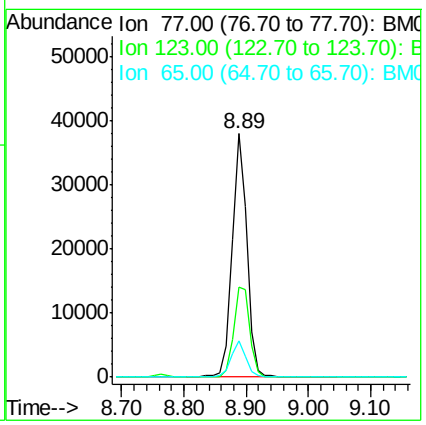


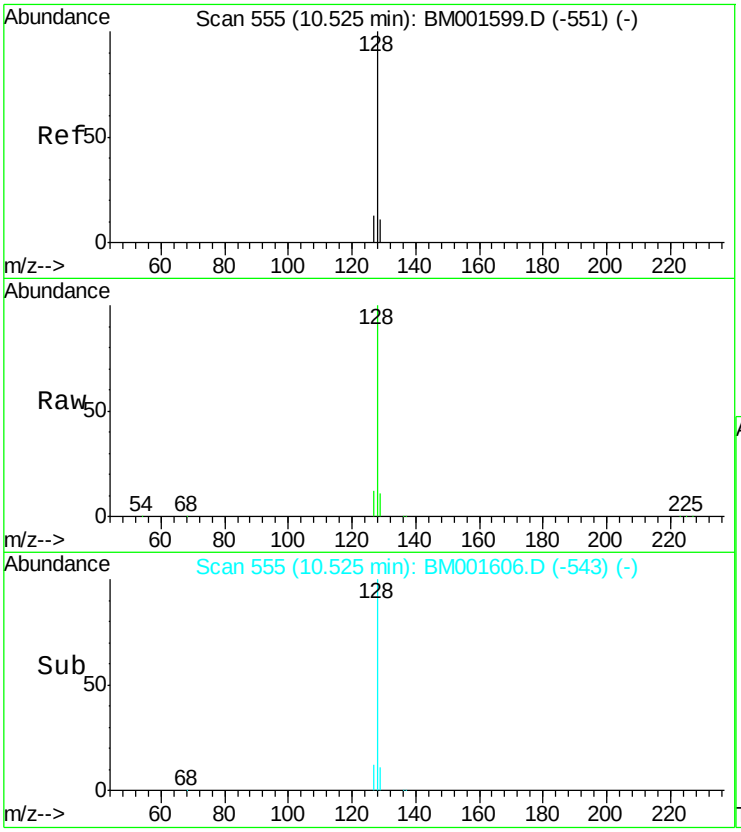


#8
Nitrobenzene
Concen: 10.98 ng
RT: 8.89 min Scan# 425
Delta R.T. 0.00 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Tgt Ion: 77 Resp: 62126

Ion	Ratio	Lower	Upper
77	100		
123	40.4	31.0	46.6
65	14.6	11.4	17.0



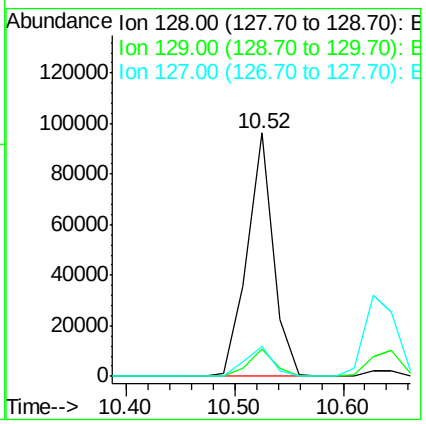


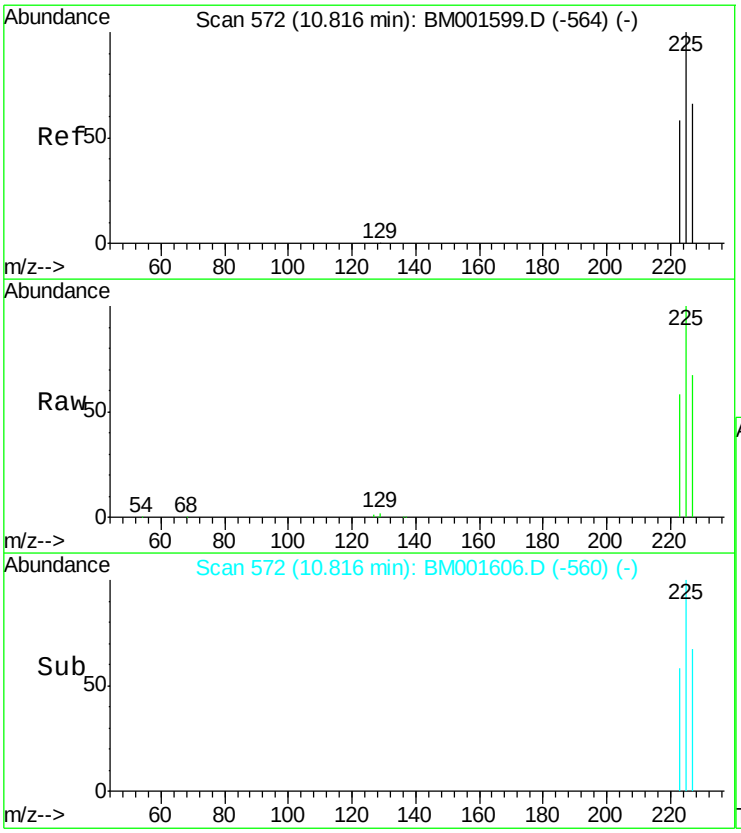
#9
Naphthalene
Concen: 9.59 ng
RT: 10.52 min Scan# 555
Delta R.T. 0.00 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:128 Resp: 160641

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	12.5	10.4	15.6

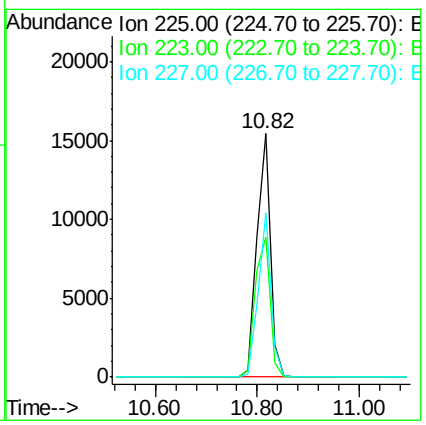


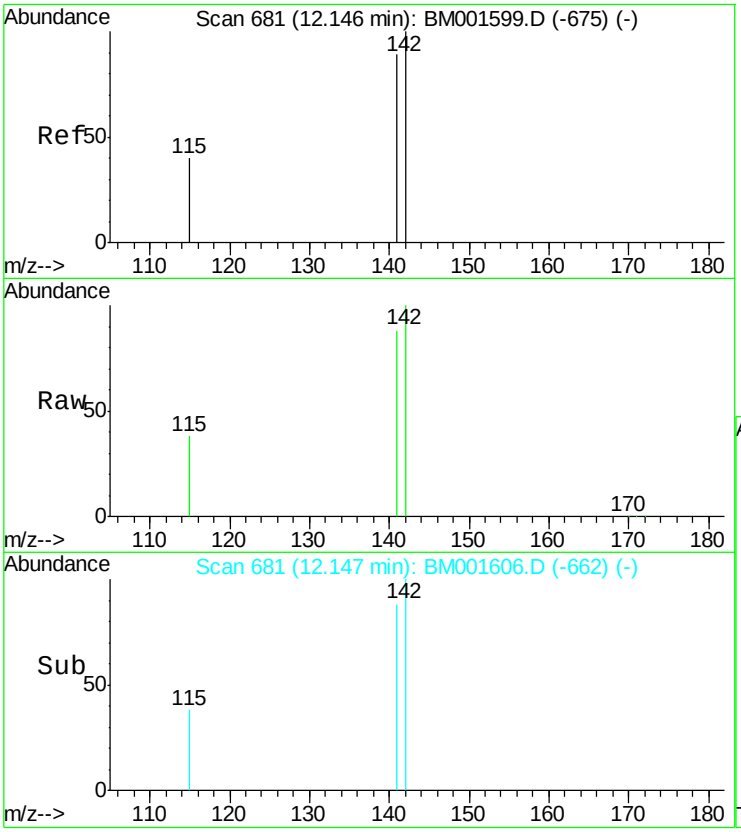


#10
Hexachlorobutadiene
Concen: 9.53 ng
RT: 10.82 min Scan# 572
Delta R.T. 0.00 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Tgt Ion:225 Resp: 27488

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.8
227	63.5	50.9	76.3



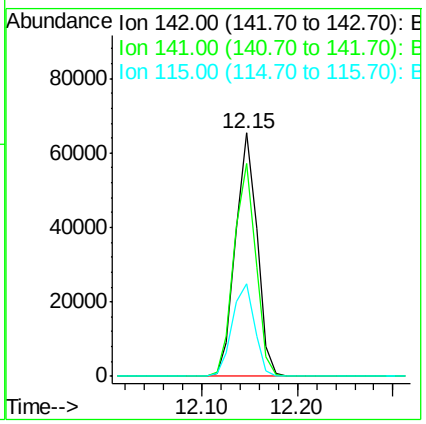


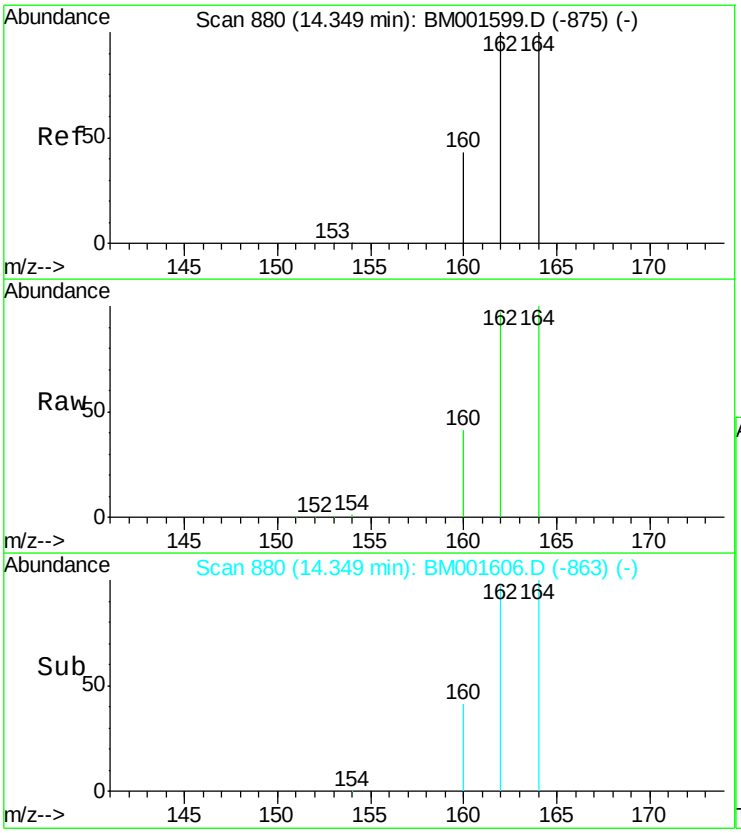
#11
2-Methylnaphthalene
Concen: 9.94 ng
RT: 12.15 min Scan# 681
Delta R.T. -0.01 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:142 Resp: 102021

Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.3	106.9
115	38.1	32.1	48.1

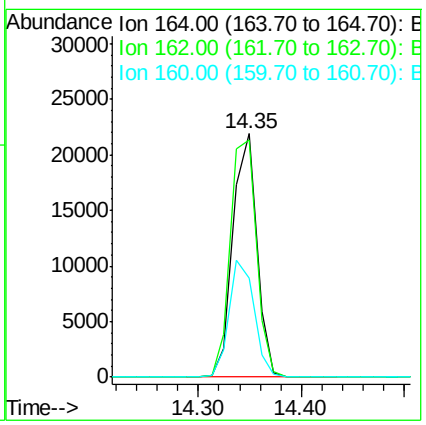


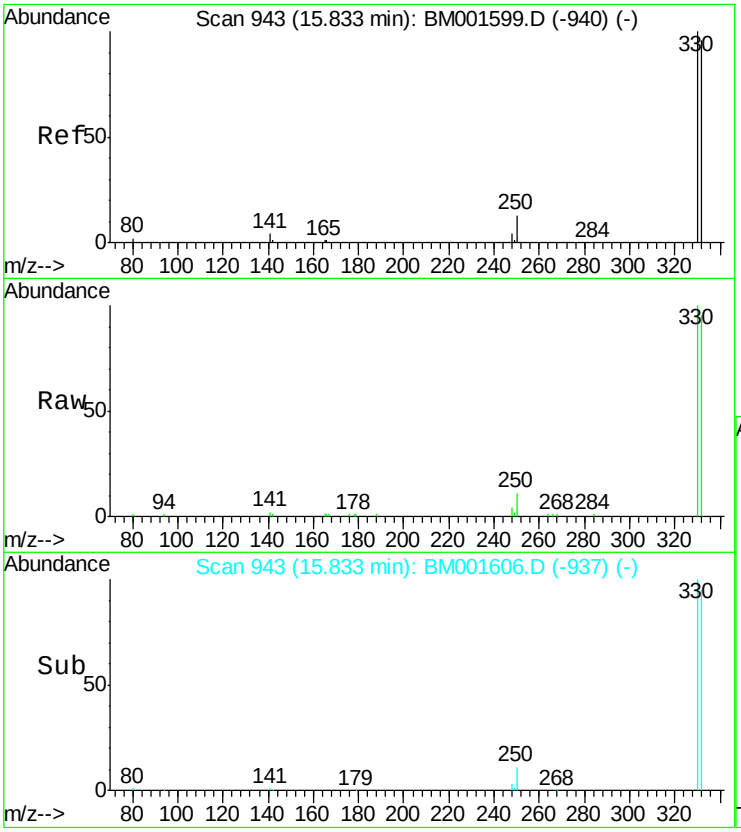


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.35 min Scan# 880
Delta R.T. 0.01 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Tgt Ion:164 Resp: 34762

Ion	Ratio	Lower	Upper
164	100		
162	97.4	79.8	119.6
160	40.7	34.6	51.8



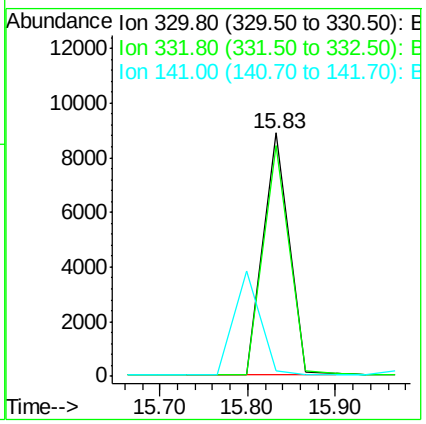


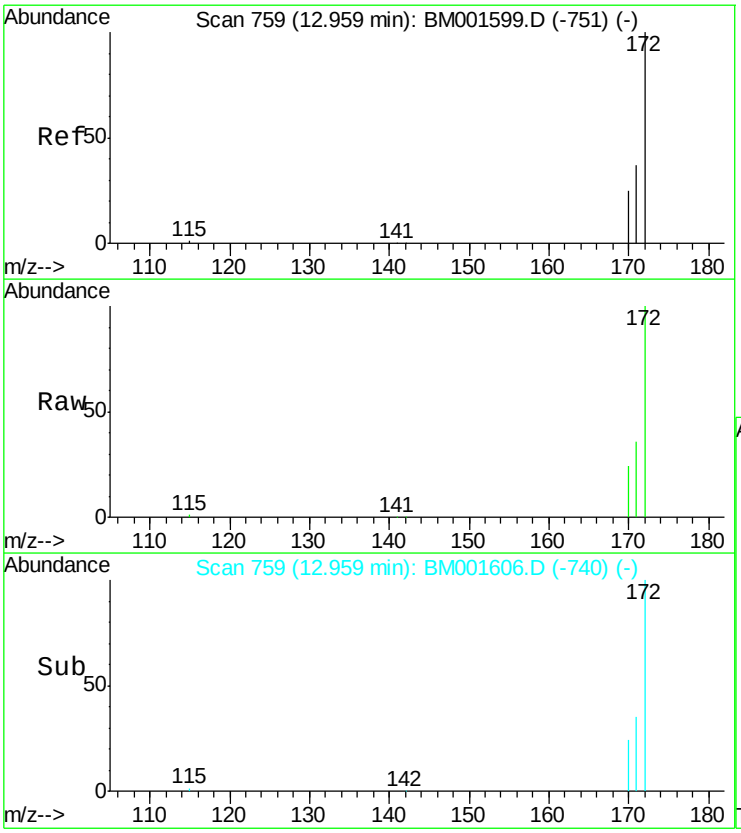
#13
2,4,6-Tribromophenol
Concen: 11.00 ng
RT: 15.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:330 Resp: 18434

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.7	115.1
141	0.0	0.0	0.0

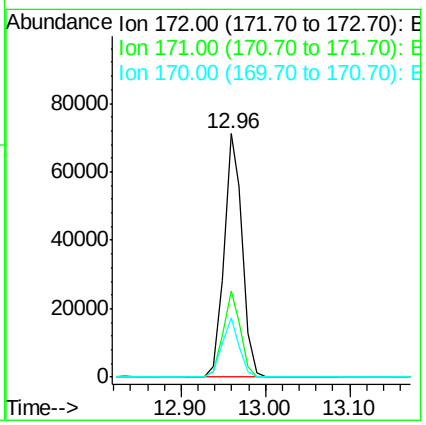


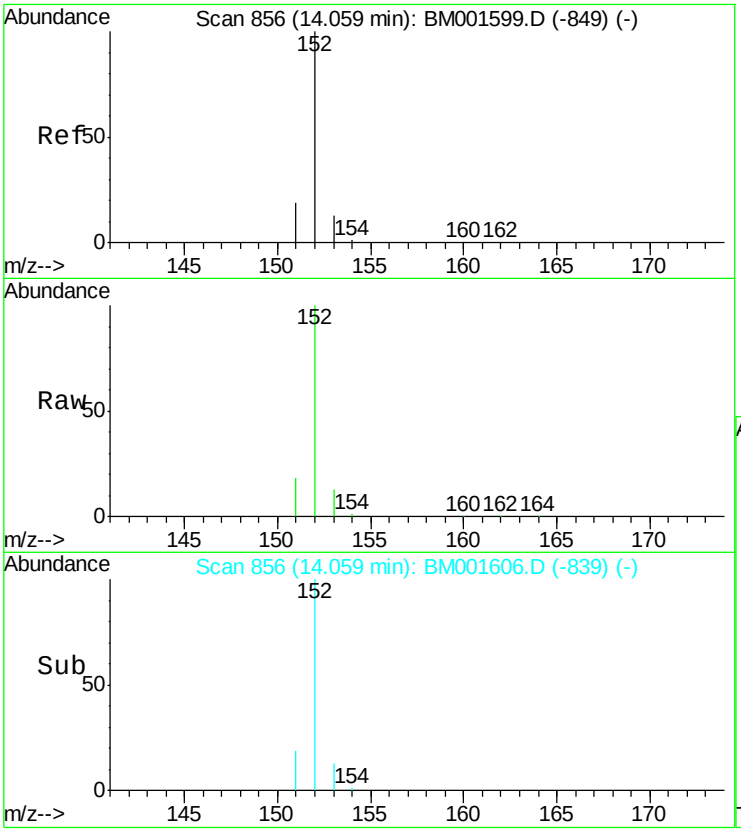


#14
2-Fluorobiphenyl
Concen: 9.53 ng
RT: 12.96 min Scan# 759
Delta R.T. -0.01 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Tgt Ion:172 Resp: 107889

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.5	20.6	31.0



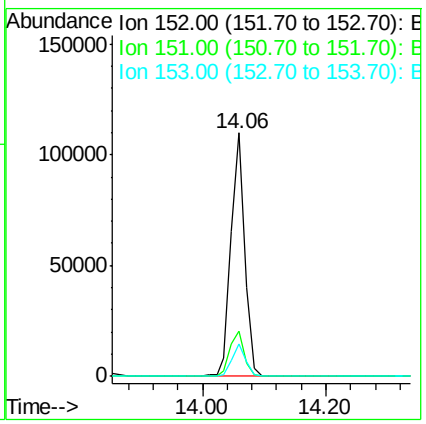


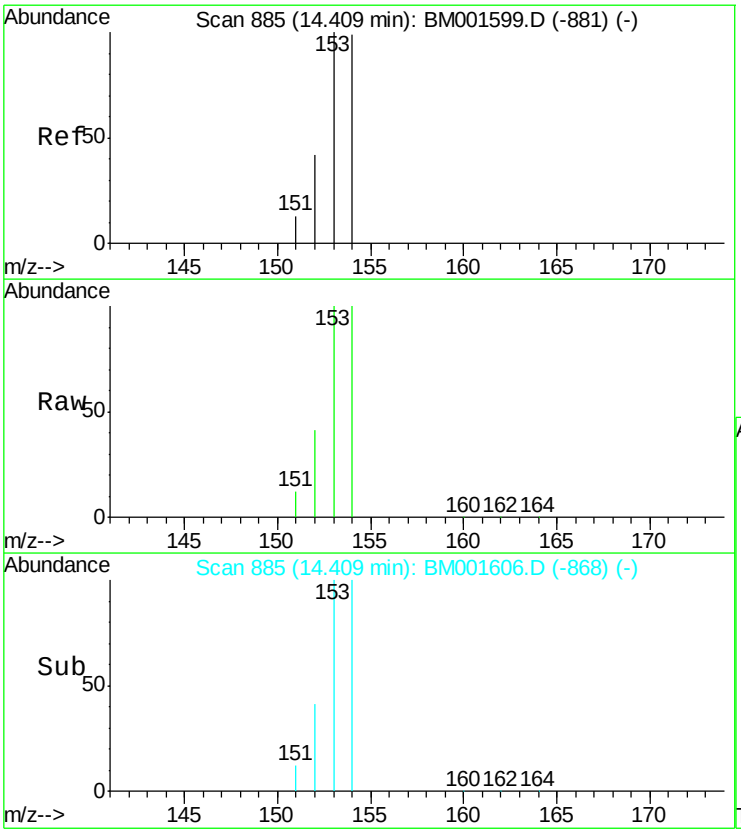
#15
Acenaphthylene
Concen: 10.67 ng
RT: 14.06 min Scan# 856
Delta R.T. 0.01 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:152 Resp: 166523

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.5	23.3
153	12.9	10.3	15.5

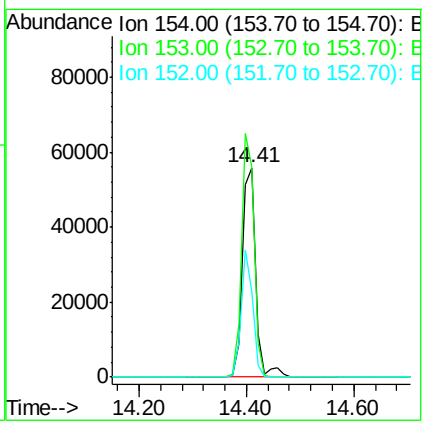


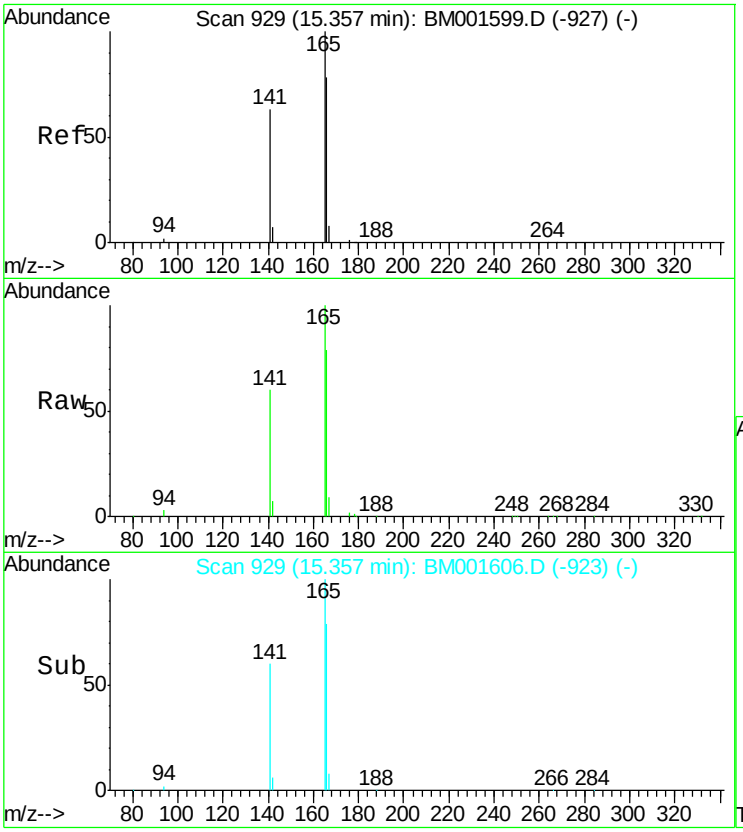


#16
Acenaphthene
Concen: 9.94 ng
RT: 14.41 min Scan# 885
Delta R.T. 0.01 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Tgt Ion:154 Resp: 97512

Ion	Ratio	Lower	Upper
154	100		
153	107.9	89.4	134.0
152	51.9	43.6	65.4



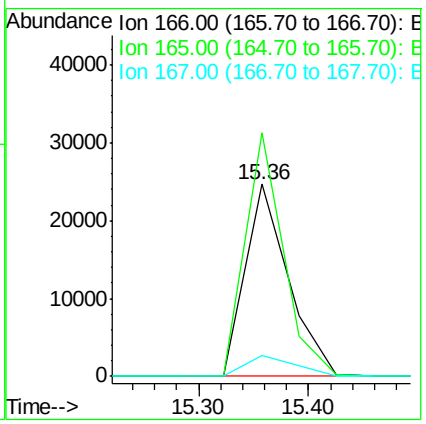


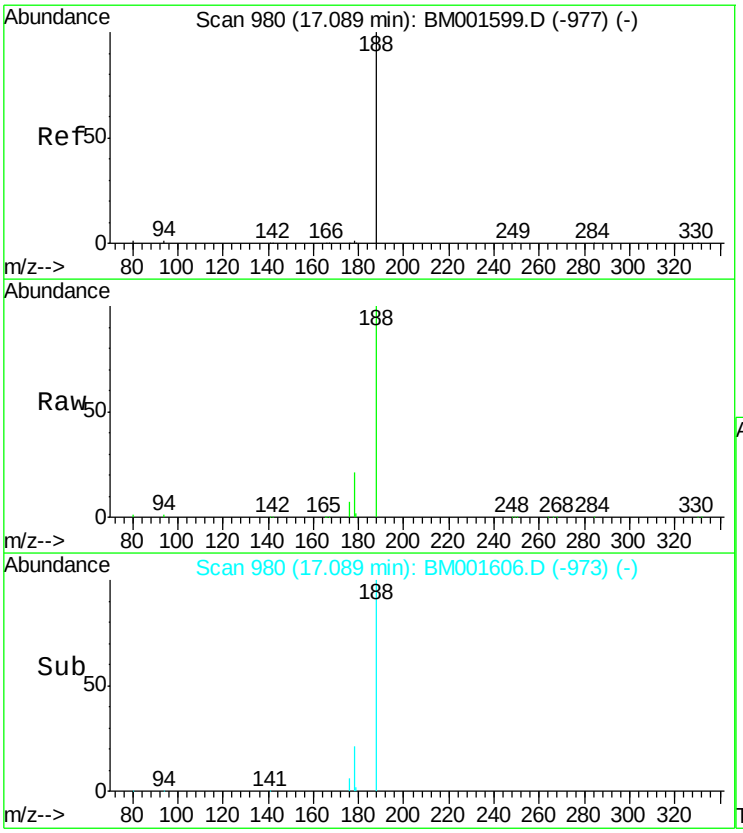
#17
Fluorene
Concen: 9.92 ng
RT: 15.36 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:166 Resp: 65919

Ion	Ratio	Lower	Upper
166	100		
165	112.4	87.8	131.8
167	12.4	10.0	15.0

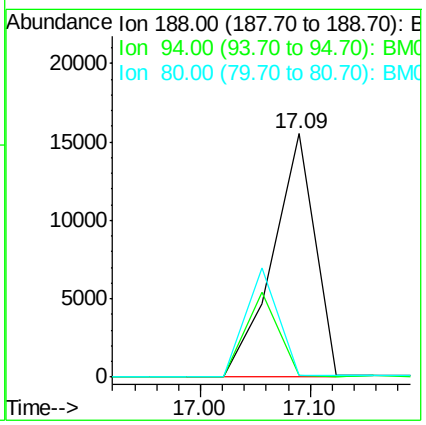


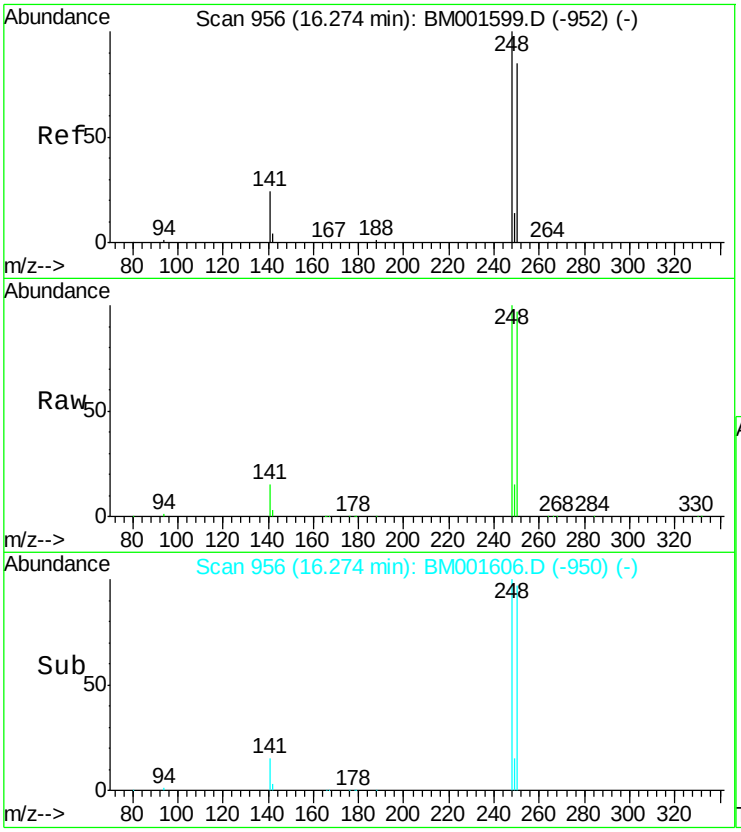


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 980
Delta R.T. 0.03 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Tgt Ion:188 Resp: 41117

Ion	Ratio	Lower	Upper
188	100		
94	0.8	1.0	1.6#
80	0.8	1.0	1.4#



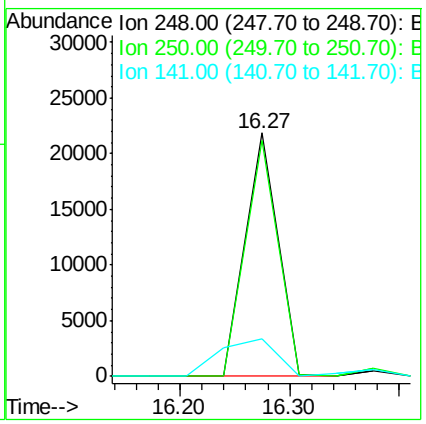


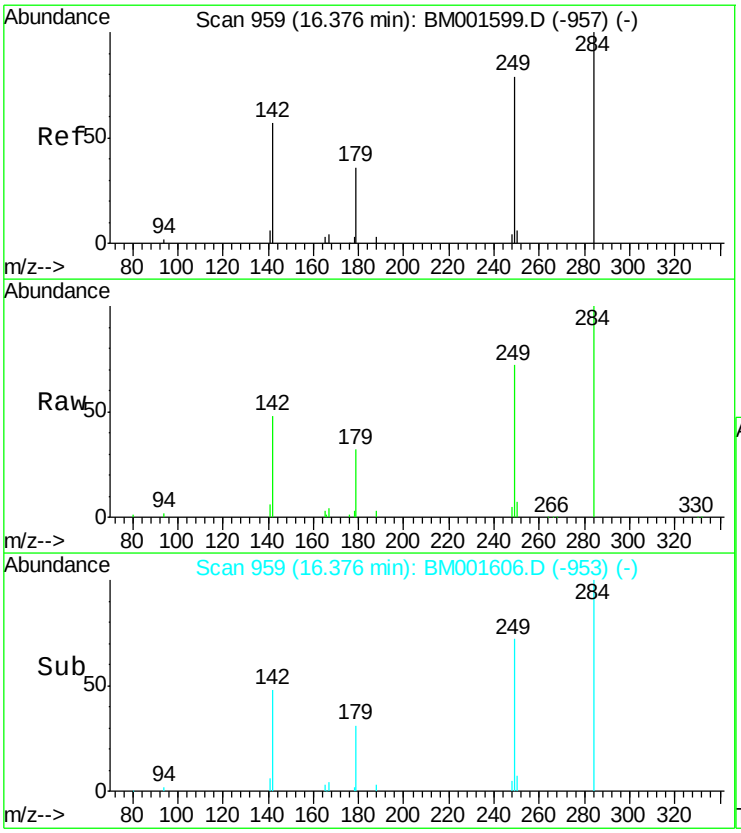
#19
4-Bromophenyl-phenylether
Concen: 11.45 ng
RT: 16.27 min Scan# 956
Delta R.T. -0.01 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:248 Resp: 44657

Ion	Ratio	Lower	Upper
248	100		
250	96.7	68.6	103.0
141	27.3	25.5	38.3

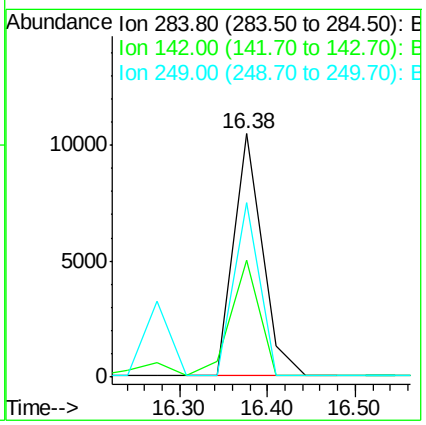


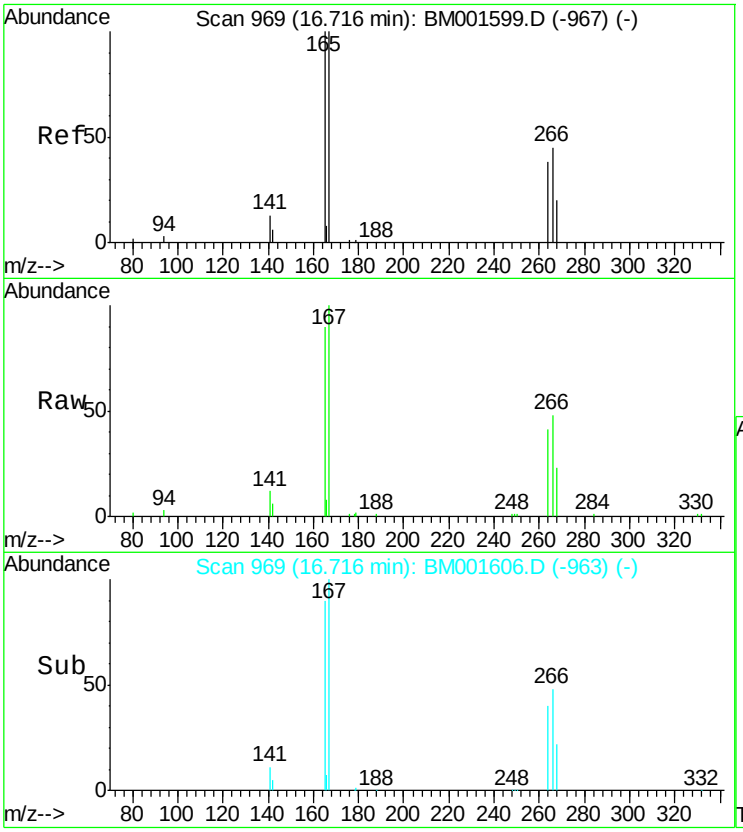


#20
Hexachlorobenzene
Concen: 11.25 ng
RT: 16.38 min Scan# 959
Delta R.T. -0.01 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Tgt Ion:284 Resp: 23989

Ion	Ratio	Lower	Upper
284	100		
142	47.6	47.3	70.9
249	63.8	75.8	113.6#



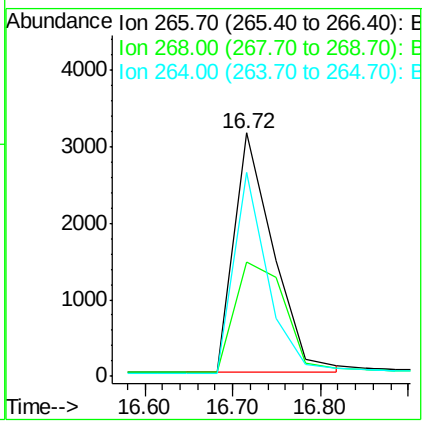


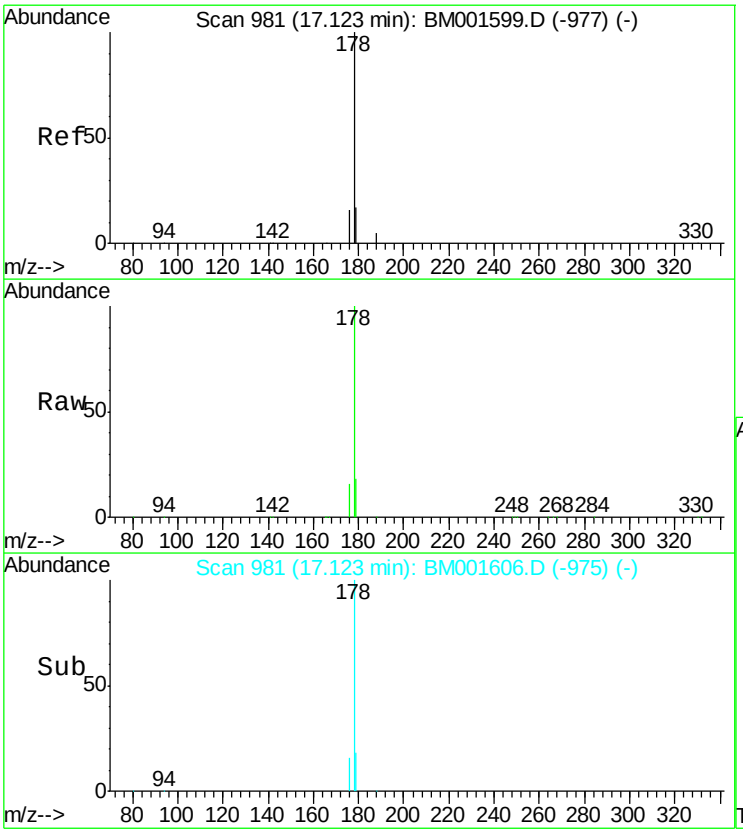
#21
Pentachlorophenol
Concen: 13.89 ng
RT: 16.72 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:266 Resp: 9913

Ion	Ratio	Lower	Upper
266	100		
268	46.9	45.8	68.8
264	84.0	70.6	106.0

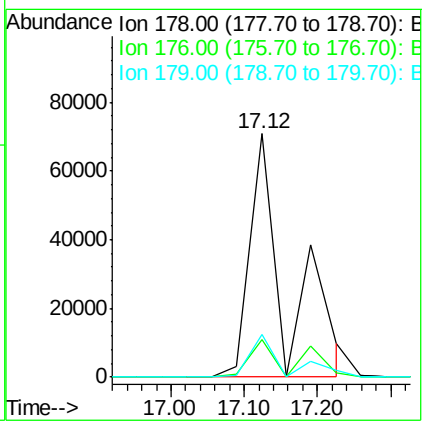


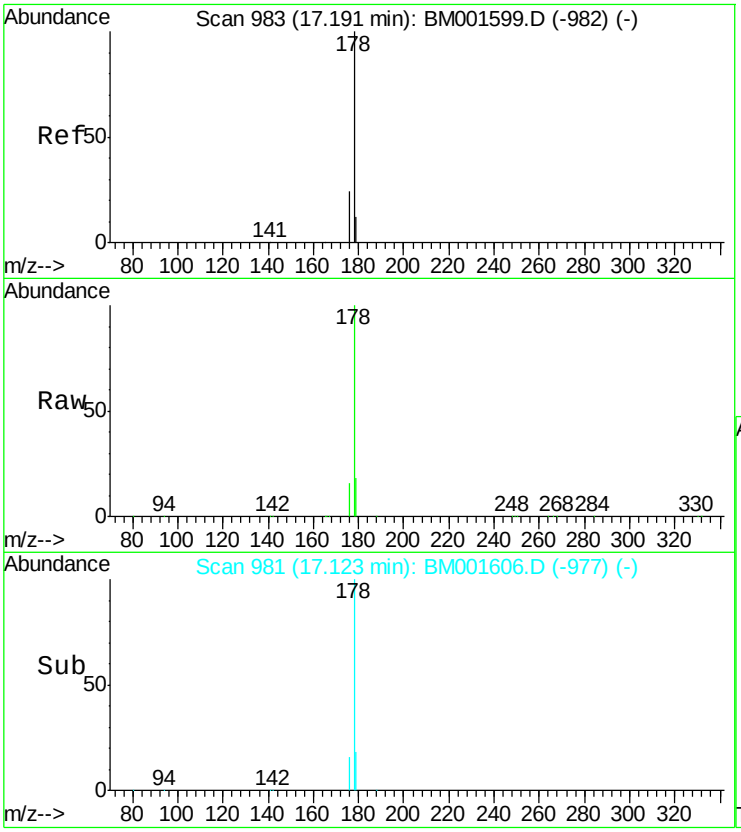


#22
Phenanthrene
Concen: 17.00 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Tgt Ion:178 Resp: 249590

Ion	Ratio	Lower	Upper
178	100		
176	18.3	13.2	19.8
179	15.8	13.8	20.8



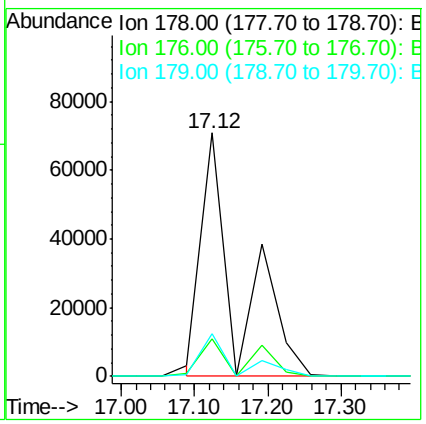


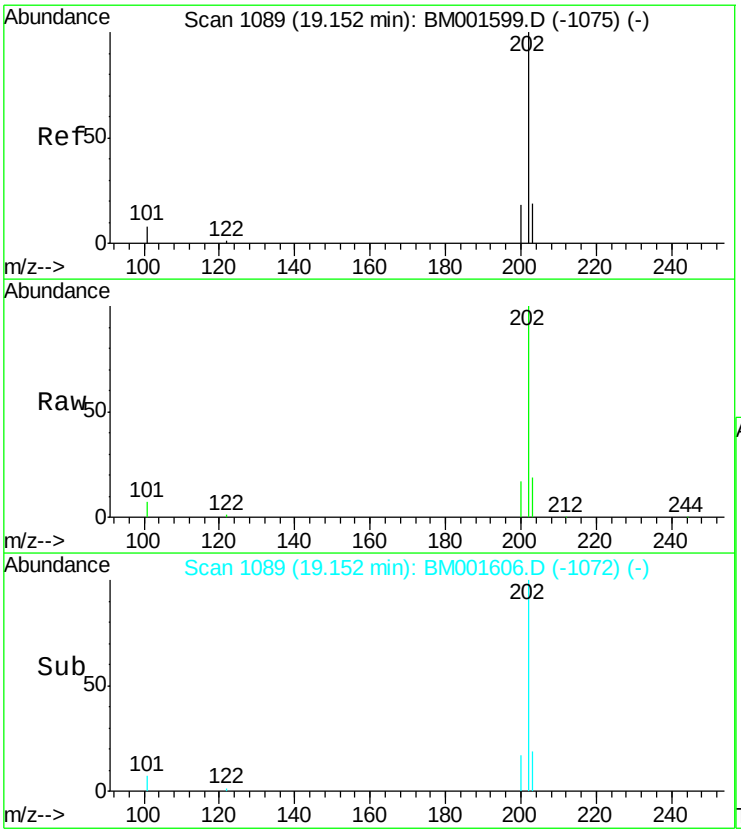
#23
Anthracene
Concen: 27.78 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.07 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:178 Resp: 241957

Ion	Ratio	Lower	Upper
178	100		
176	18.0	21.9	32.9#
179	16.0	23.0	34.4#

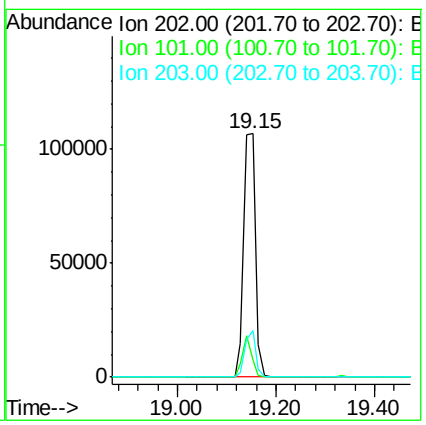


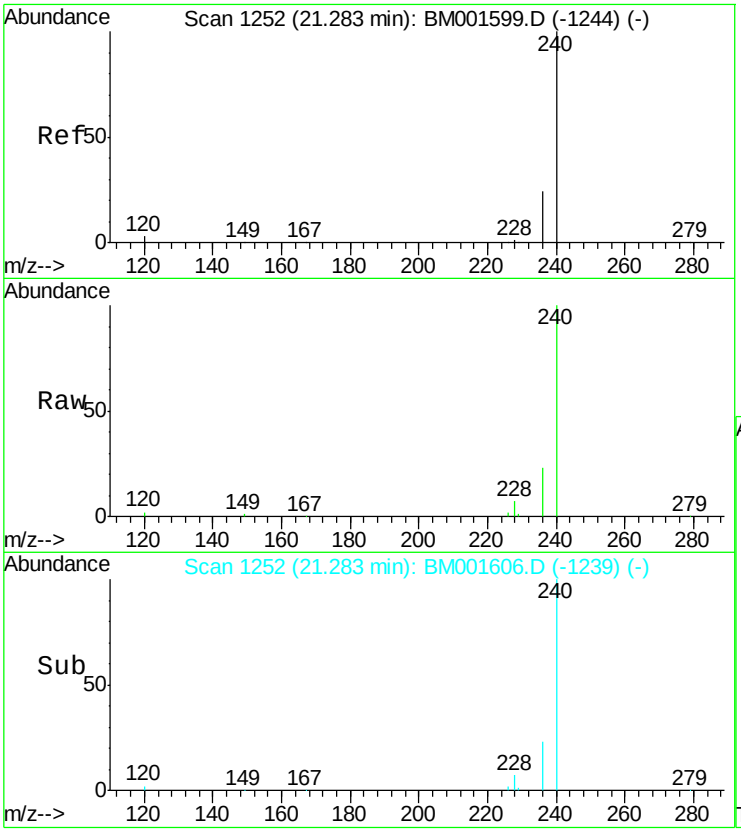


#24
Fluoranthene
Concen: 11.16 ng
RT: 19.15 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Tgt Ion:202 Resp: 177375

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.4	15.6
203	17.3	13.8	20.6



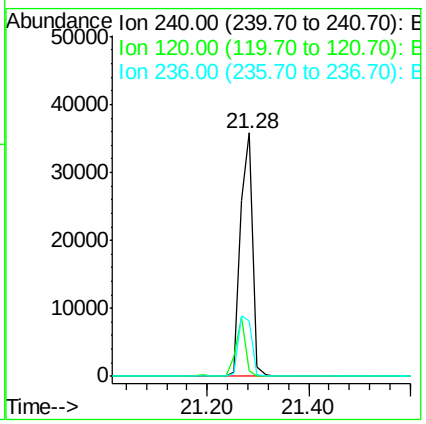


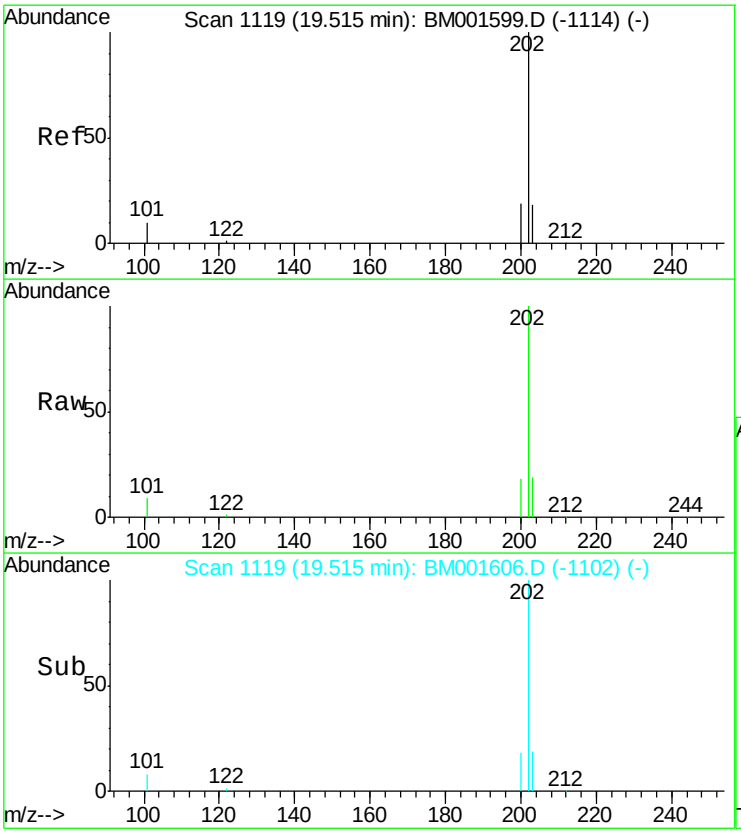
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:240 Resp: 59413

Ion	Ratio	Lower	Upper
240	100		
120	2.1	2.2	3.4#
236	23.0	19.6	29.4

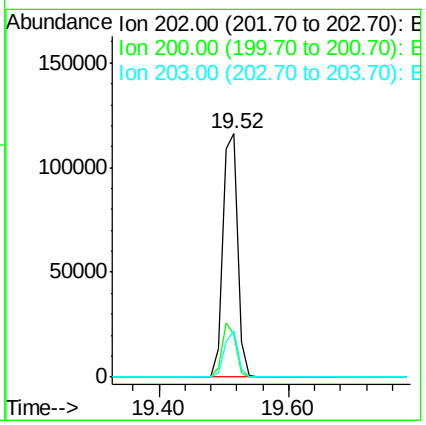


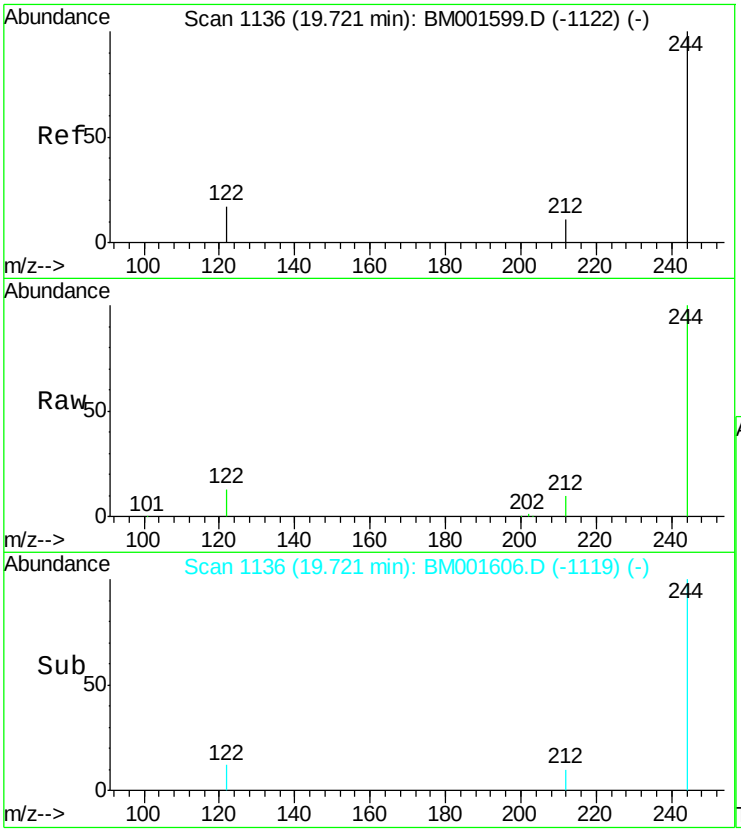


#26
Pyrene
Concen: 9.71 ng
RT: 19.52 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Tgt Ion:202 Resp: 186930

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.5	14.0	21.0



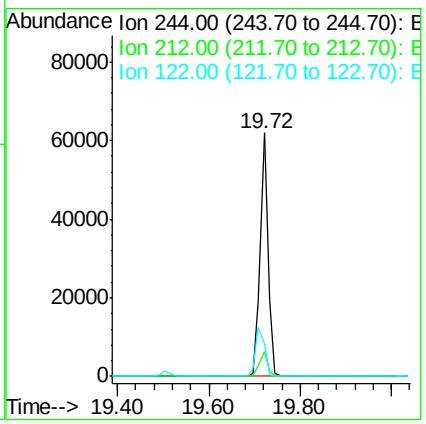


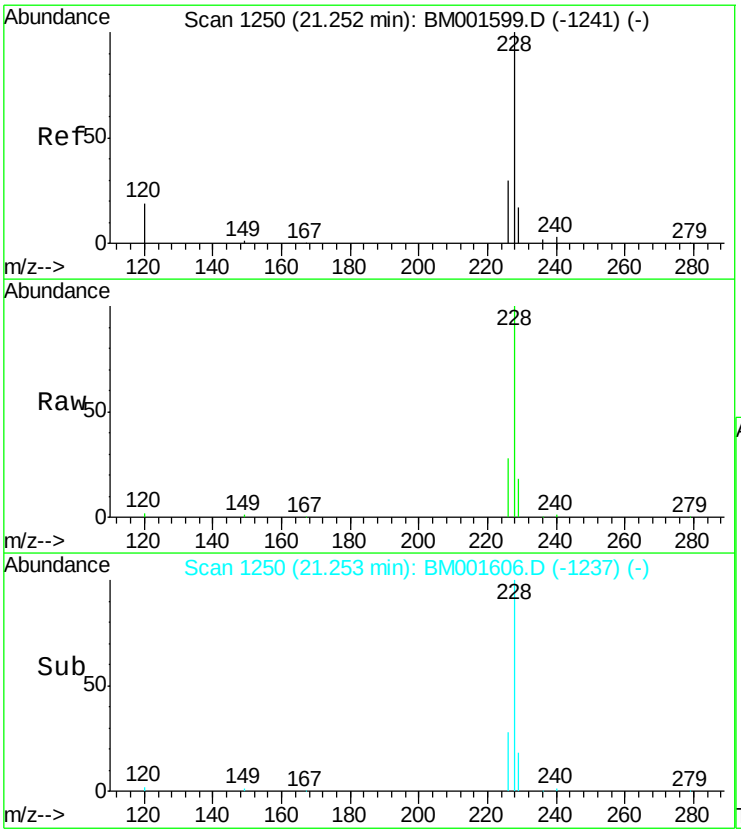
#27
Terphenyl-d14
Concen: 9.55 ng
RT: 19.72 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:244 Resp: 74062

Ion	Ratio	Lower	Upper
244	100		
212	10.3	9.2	13.8
122	13.1	14.5	21.7#

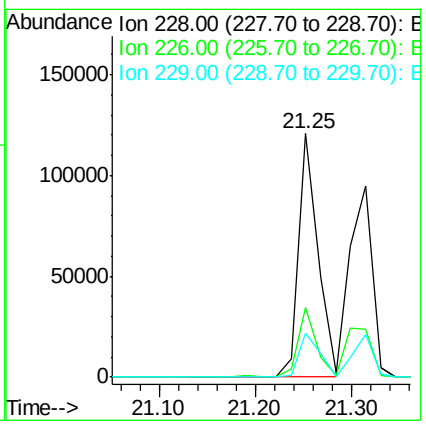


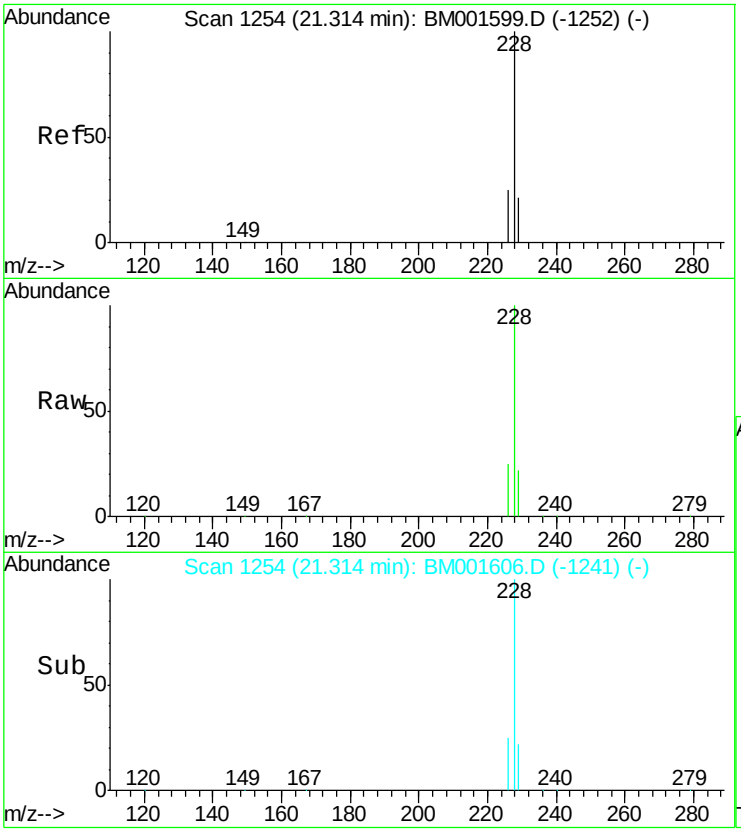


#28
Benzo(a)anthracene
Concen: 9.70 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Tgt Ion:228 Resp: 168245

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.6	37.0
229	17.9	13.8	20.8



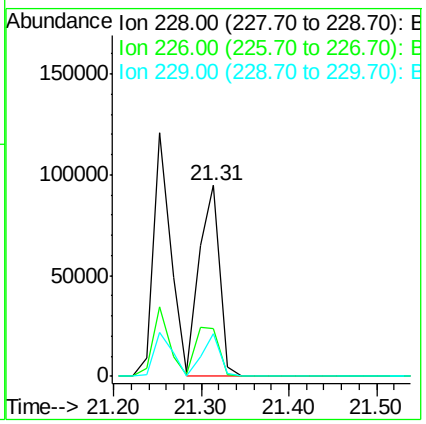


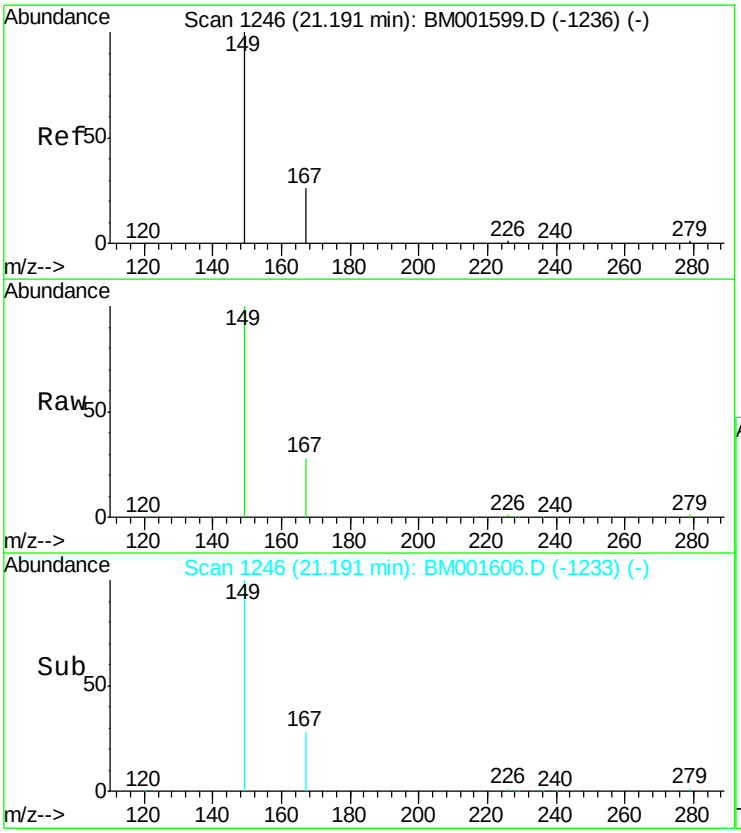
#29
Chrysene
Concen: 9.31 ng
RT: 21.31 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:228 Resp: 152652

Ion	Ratio	Lower	Upper
228	100		
226	24.9	20.6	31.0
229	22.1	17.4	26.2

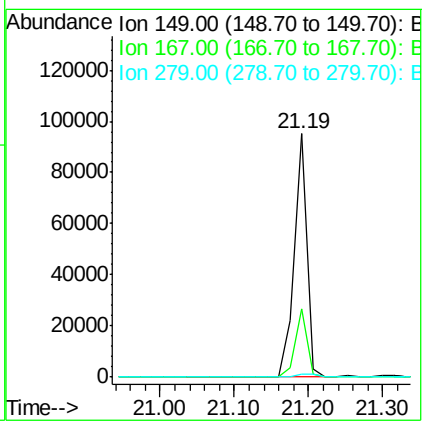


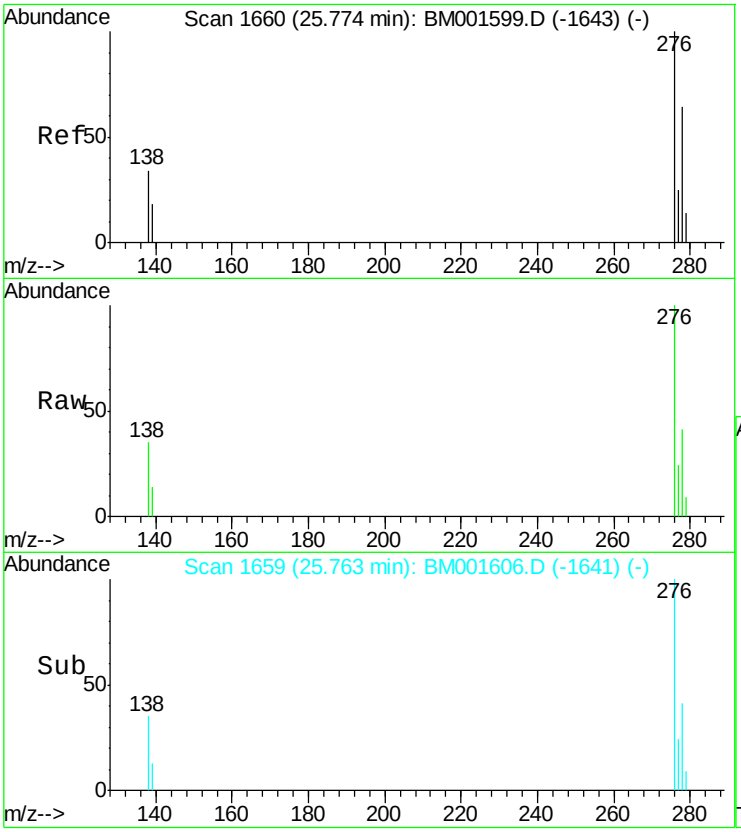


#30
Bis(2-ethylhexyl)phthalate
Concen: 11.15 ng
RT: 21.19 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Tgt Ion:149 Resp: 111757

Ion	Ratio	Lower	Upper
149	100		
167	26.1	20.2	30.4
279	2.0	1.7	2.5



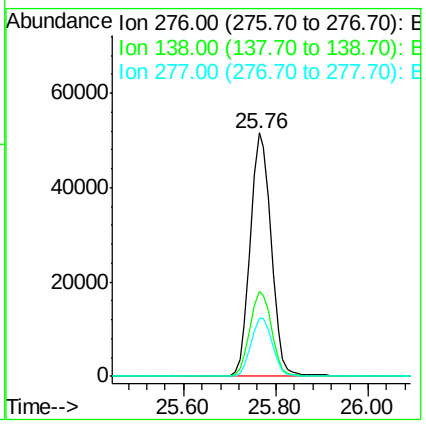


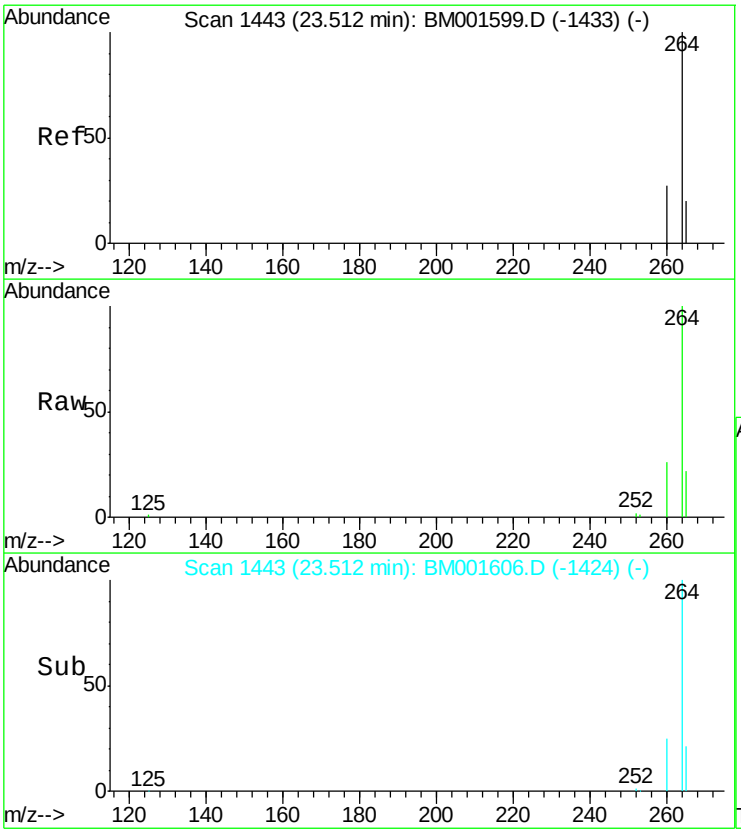
#31
Indeno(1,2,3-cd)pyrene
Concen: 9.76 ng
RT: 25.76 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:276 Resp: 162632

Ion	Ratio	Lower	Upper
276	100		
138	36.2	28.2	42.2
277	24.6	19.4	29.2

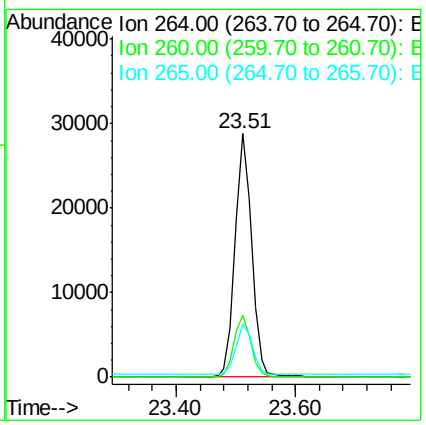


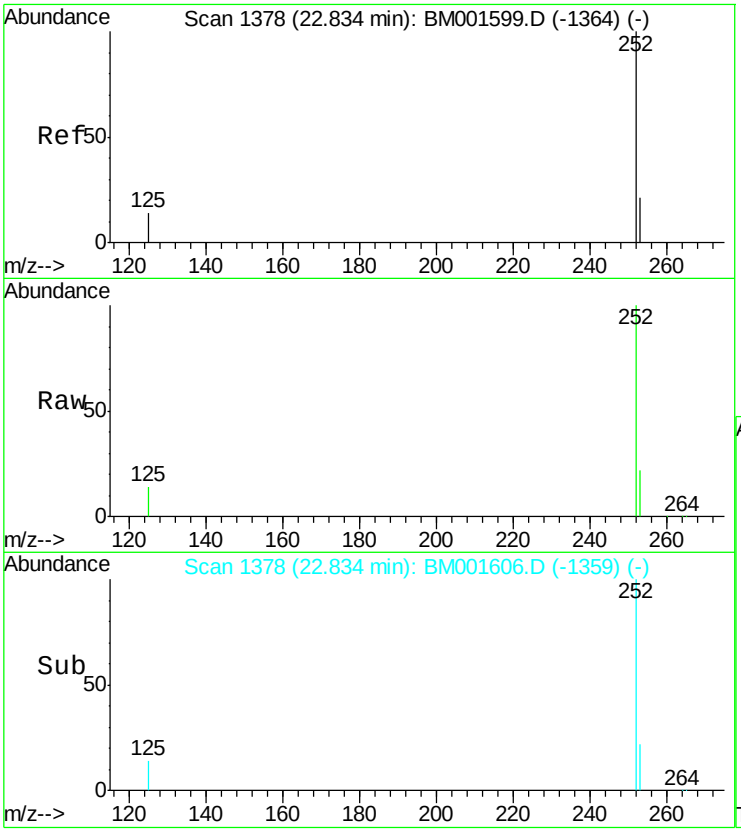


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.51 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Tgt Ion:264 Resp: 54398

Ion	Ratio	Lower	Upper
264	100		
260	25.6	21.8	32.6
265	21.7	16.8	25.2



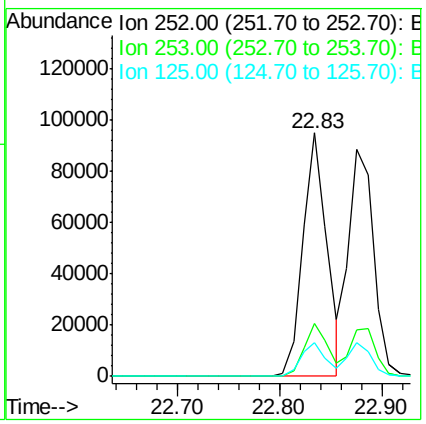


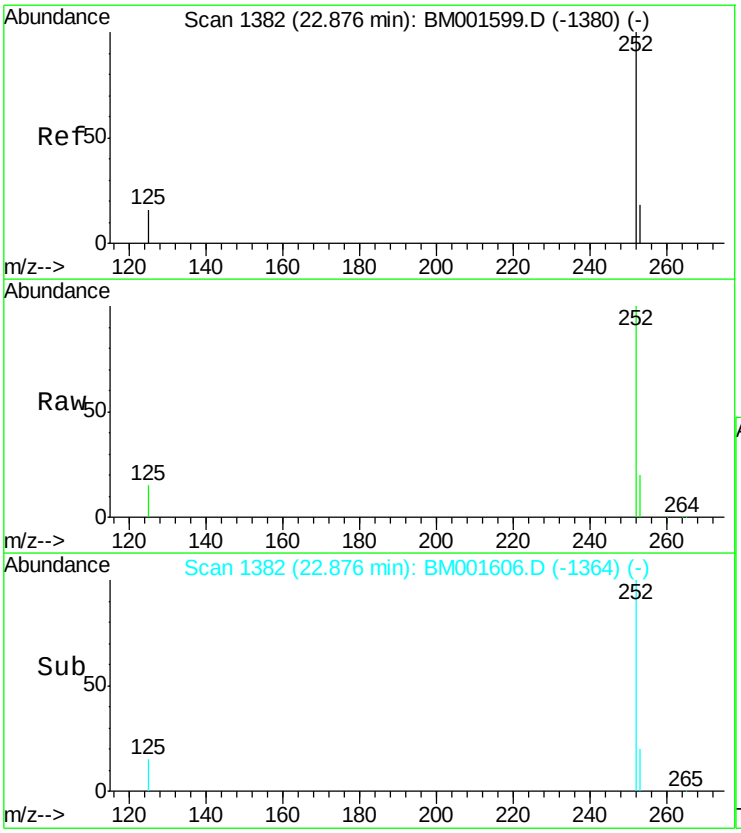
#33
Benzo(b)fluoranthene
Concen: 9.56 ng
RT: 22.83 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:252 Resp: 156380

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	13.9	12.4	18.6

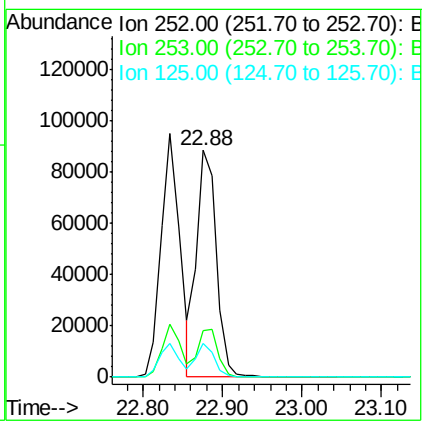


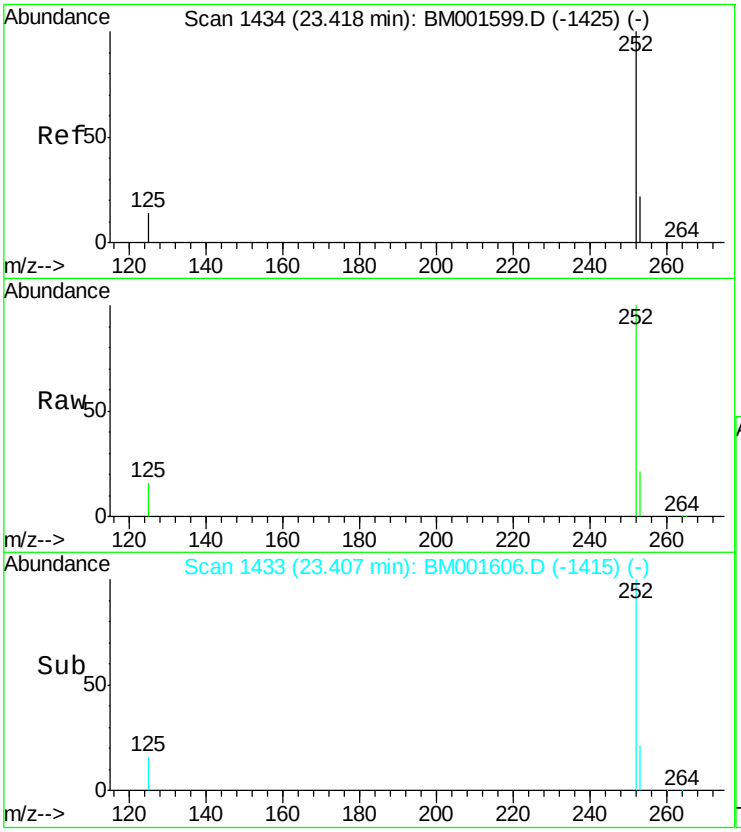


#34
Benzo(k)fluoranthene
Concen: 9.58 ng
RT: 22.88 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Tgt Ion:252 Resp: 151086

Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.1	25.7
125	14.8	12.8	19.2



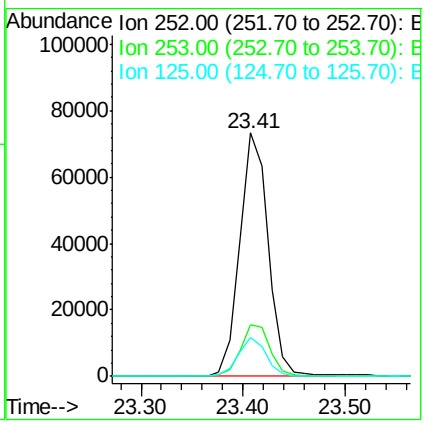


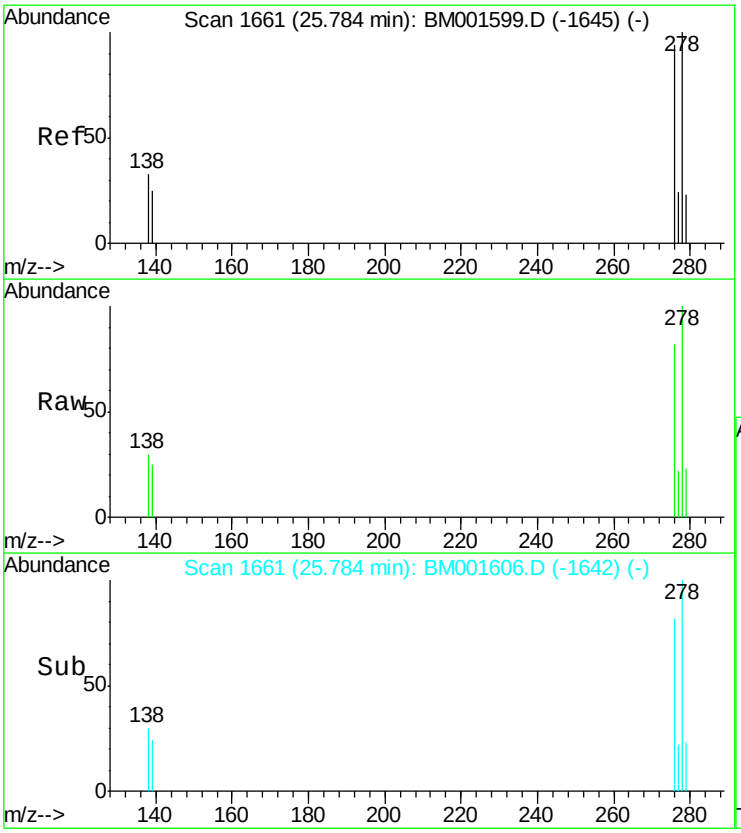
#35
Benzo(a)pyrene
Concen: 9.73 ng
RT: 23.41 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:252 Resp: 140480

Ion	Ratio	Lower	Upper
252	100		
253	21.0	19.4	29.0
125	16.0	13.0	19.6

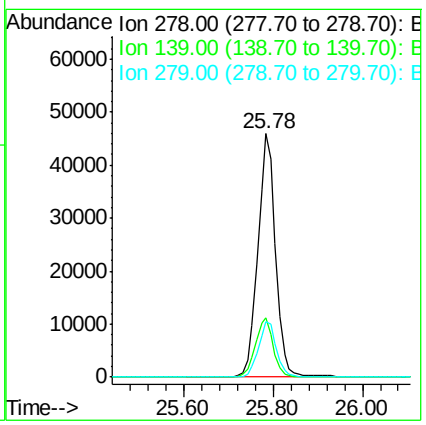


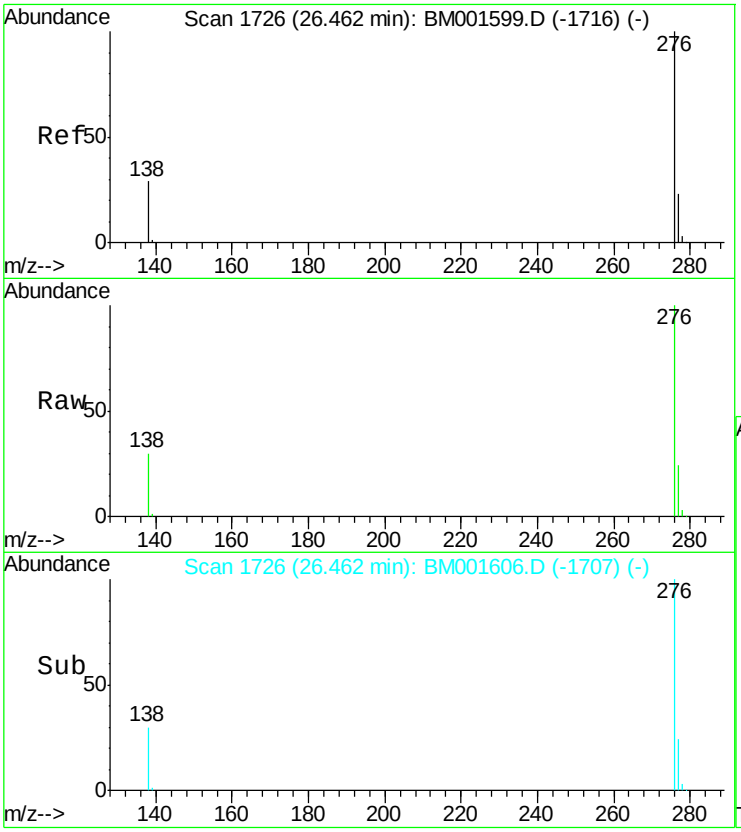


#36
Dibenzo(a,h)anthracene
Concen: 9.60 ng
RT: 25.78 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Tgt Ion:278 Resp: 126791

Ion	Ratio	Lower	Upper
278	100		
139	24.5	20.6	31.0
279	22.8	19.7	29.5





#37
Benzo(g,h,i)perylene
Concen: 9.22 ng
RT: 26.46 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BM001606.D
Acq: 09 Jun 2015 04:48

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:276 Resp: 131222

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.0
138	30.1	24.5	36.7