Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
Data File : BM001584.D
Acq On : 06 Jun 2015 08:41
Operator : TP/IZ
Sample : PB83802BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB83802BS

Quant Time: Jun 08 05:36:44 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 08 05:27:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	23417	5.00	ng		0.00
6) Naphthalene-d8	10.47	136	88053	5.00	ng		0.00
12) Acenaphthene-d10	14.35	164	43211	5.00	ng		0.00
18) Phenanthrene-d10	17.09	188	65037	5.00	ng		0.00
25) Chrysene-d12	21.28	240	67923	5.00	ng		0.00
32) Perylene-d12	23.52	264	52660	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	63561	12.29	ng		0.00
5) Phenol-d6	6.84	99	84549	13.30	ng		0.00
7) Nitrobenzene-d5	8.85	82	53665	8.95	ng		0.00
13) 2,4,6-Tribromophenol	15.83	330	32638	15.76	ng		0.00
14) 2-Fluorobiphenyl	12.96	172	112441	8.44	ng		0.00
27) Terphenyl-d14	19.72	244	77140	8.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	17430	8.58	ng		97
3) n-Nitrosodimethylamine	3.51	42	30735	8.60	ng	#	97
8) Nitrobenzene	8.89	77	59062	9.19	ng		99
9) Naphthalene	10.52	128	151515	7.97	ng		99
10) Hexachlorobutadiene	10.82	225	26853	8.10	ng		100
11) 2-Methylnaphthalene	12.15	142	101393	8.52	ng		94
15) Acenaphthylene	14.06	152	161603	8.66	ng		100
16) Acenaphthene	14.41	154	94260	8.02	ng		99
17) Fluorene	15.36	166	60500	8.00	ng	#	65
19) 4-Bromophenyl-phenylether	16.27	248	50839	9.81	ng	#	85
20) Hexachlorobenzene	16.38	284	22356	10.82	ng		96
21) Pentachlorophenol	16.75	266	120148	121.02	ng	#	89
22) Phenanthrene	17.12	178	202151	8.91	ng		100
23) Anthracene	17.12	178	290822	30.43	ng	#	52
24) Fluoranthene	19.15	202	190202	10.78	ng		100
26) Pyrene	19.52	202	202361	9.26	ng		99
28) Benzo(a)anthracene	21.25	228	161494	8.44	ng		98
29) Chrysene	21.31	228	155576	8.52	ng		98
30) Bis(2-ethylhexyl)phthalate	21.19	149	135799	10.53	ng		100
31) Indeno(1,2,3-cd)pyrene	25.77	276	130258	6.64	ng		99
33) Benzo(b)fluoranthene	22.84	252	146318	9.30	ng		96
34) Benzo(k)fluoranthene	22.89	252	122217	8.53	ng		98
35) Benzo(a)pyrene	23.42	252	123480	8.98	ng		98
36) Dibenzo(a,h)anthracene	25.79	278	104798	7.78	ng		98
37) Benzo(g,h,i)perylene	26.46	276	107704	7.60	ng		98

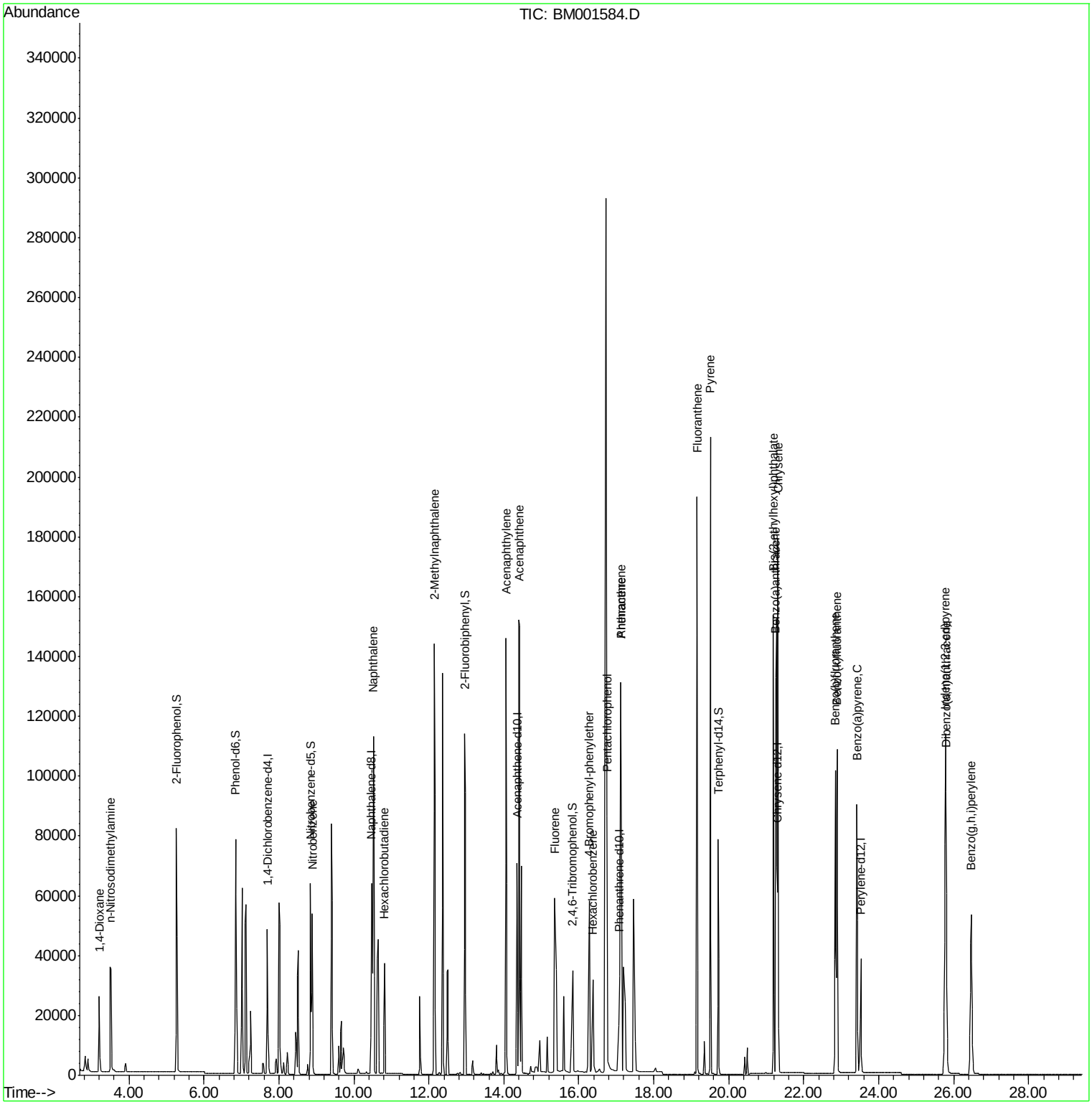
(#) = qualifier out of range (m) = manual integration (+) = signals summed

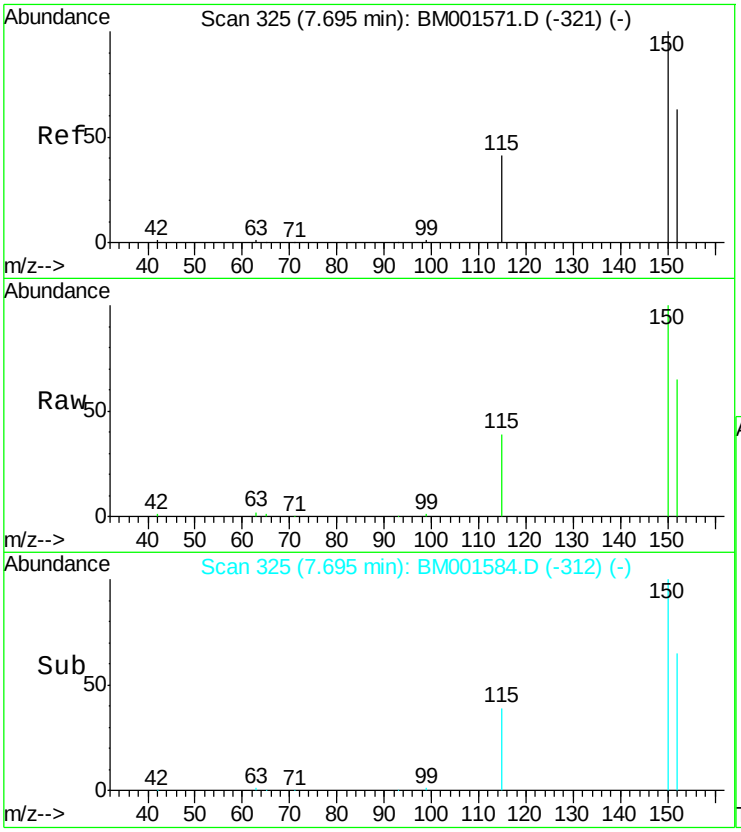
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
Data File : BM001584.D
Acq On : 06 Jun 2015 08:41
Operator : TP/IZ
Sample : PB83802BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Quant Time: Jun 08 05:36:44 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 08 05:27:25 2015
Response via : Initial Calibration



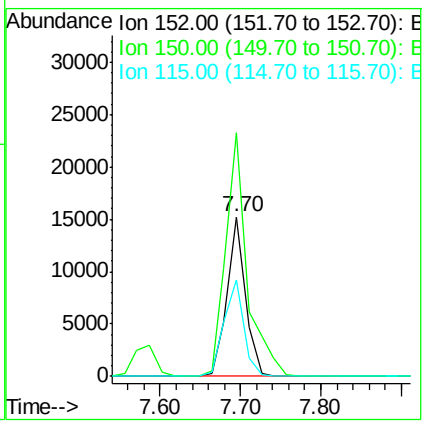


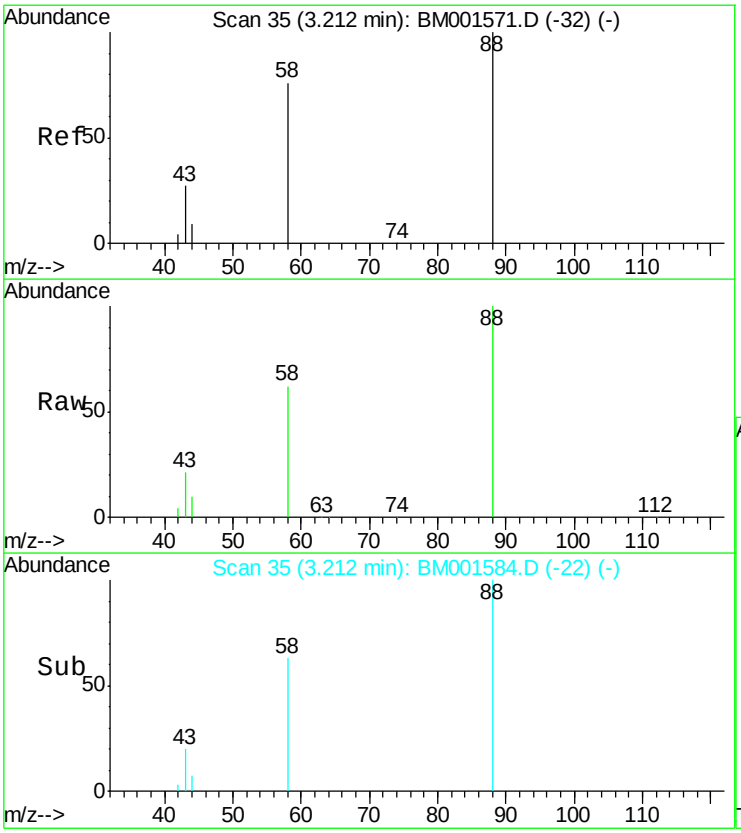
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.70 min Scan# 325
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:152 Resp: 23417

Ion	Ratio	Lower	Upper
152	100		
150	153.0	126.6	190.0
115	60.3	51.6	77.4

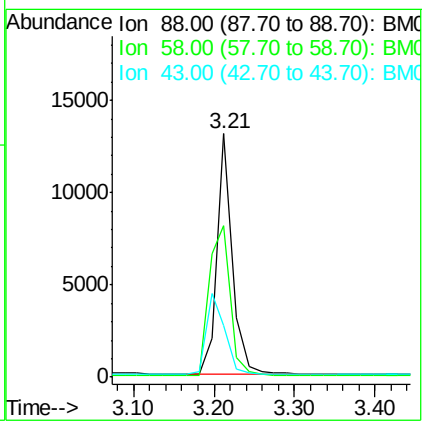


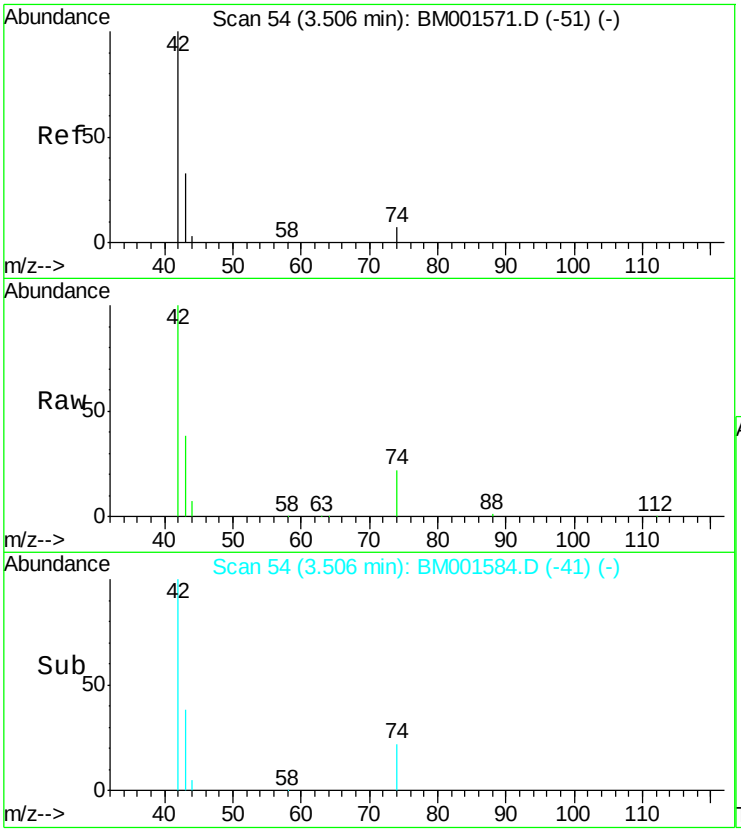


#2
1,4-Dioxane
Concen: 8.58 ng
RT: 3.21 min Scan# 35
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Tgt Ion: 88 Resp: 17430

Ion	Ratio	Lower	Upper
88	100		
58	86.7	66.1	99.1
43	40.9	32.3	48.5



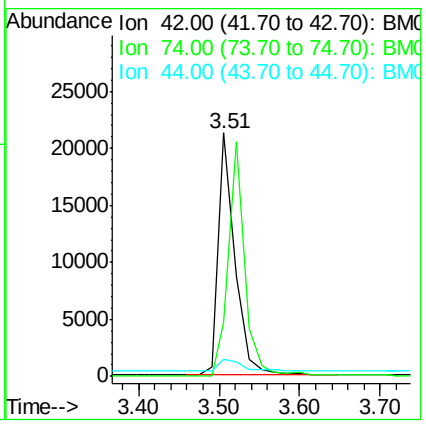


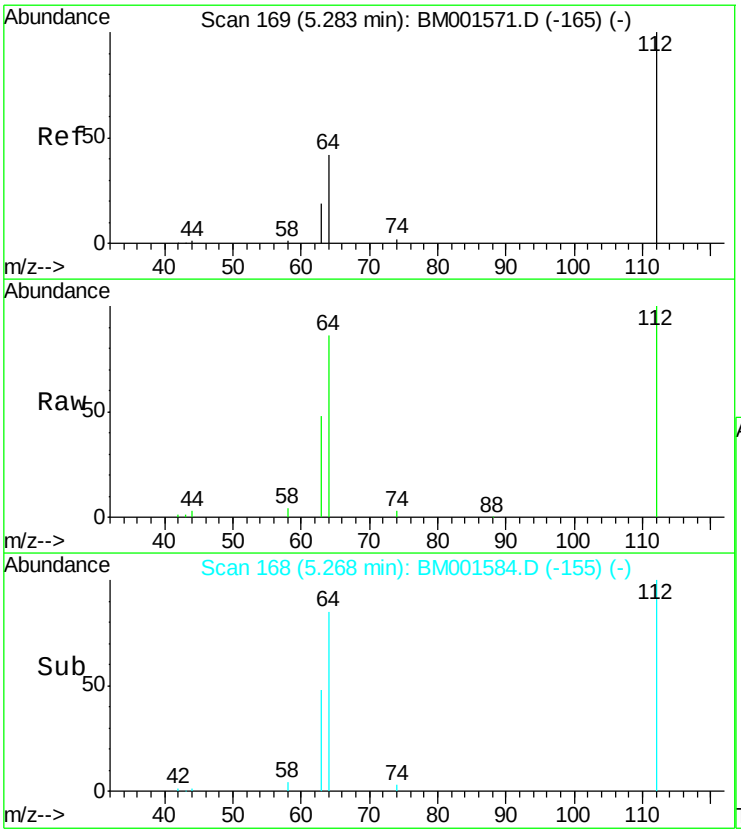
#3
n-Nitrosodimethylamine
Concen: 8.60 ng
RT: 3.51 min Scan# 54
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion: 42 Resp: 30735

Ion	Ratio	Lower	Upper
42	100		
74	94.6	77.2	115.8
44	5.9	7.4	11.2#

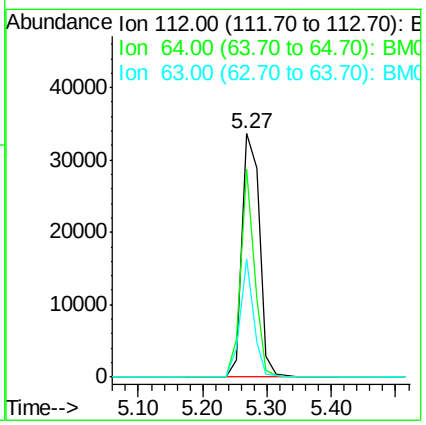


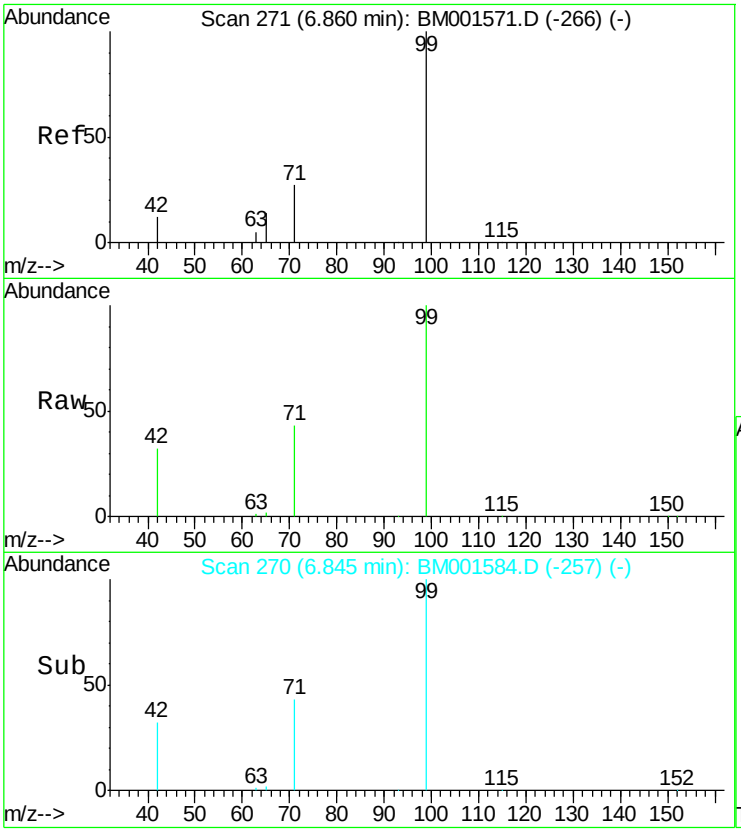


#4
2-Fluorophenol
Concen: 12.29 ng
RT: 5.27 min Scan# 168
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Tgt Ion:112 Resp: 63561

Ion	Ratio	Lower	Upper
112	100		
64	67.2	53.3	79.9
63	37.3	29.7	44.5



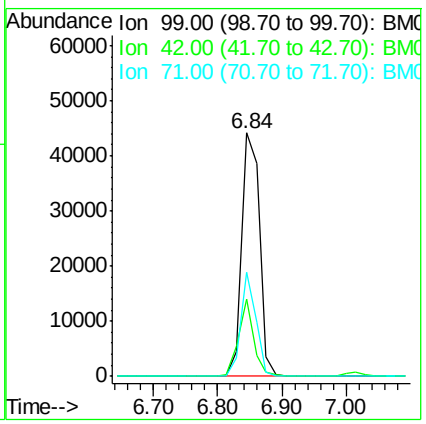


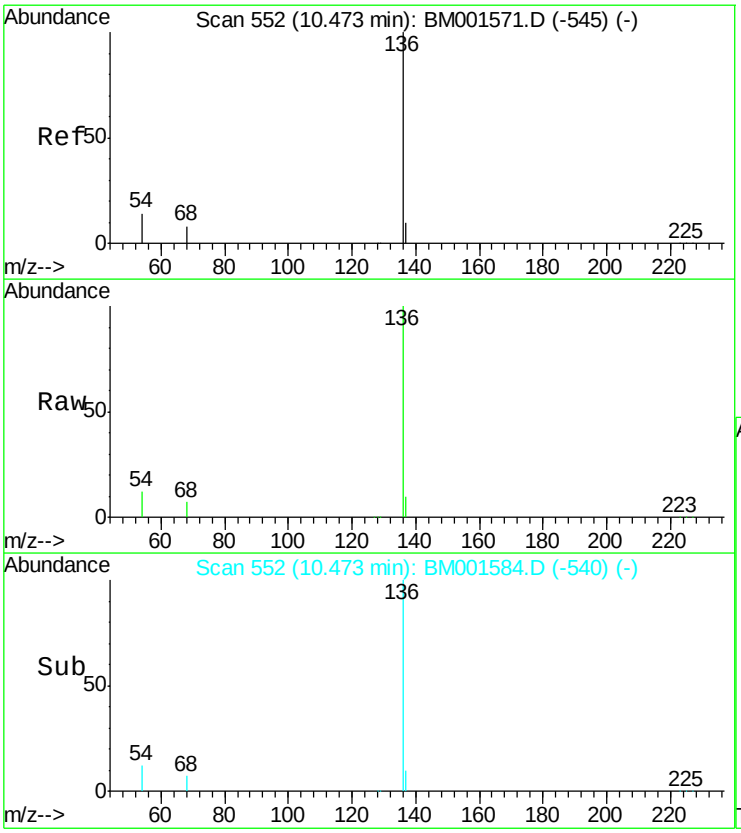
#5
Phenol-d6
Concen: 13.30 ng
RT: 6.84 min Scan# 270
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion: 99 Resp: 84549

Ion	Ratio	Lower	Upper
99	100		
42	26.4	21.4	32.2
71	35.8	29.0	43.4

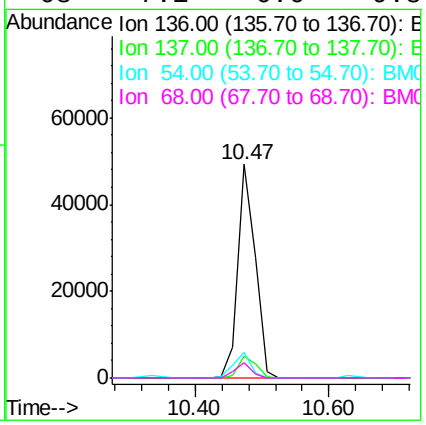


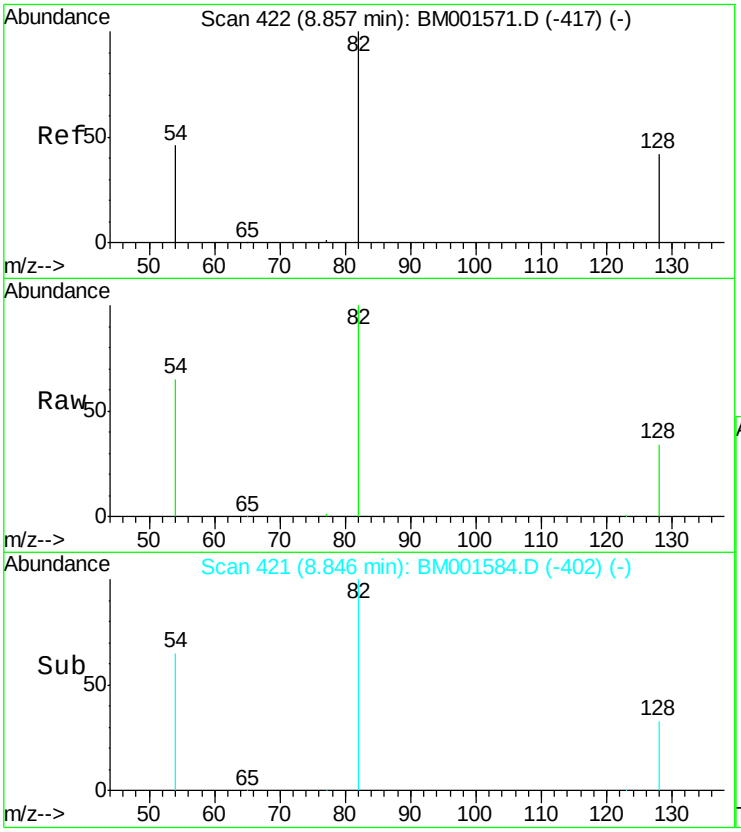


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.47 min Scan# 552
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Tgt Ion:136 Resp: 88053

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.1	12.1
54	12.0	11.7	17.5
68	7.1	6.6	9.8



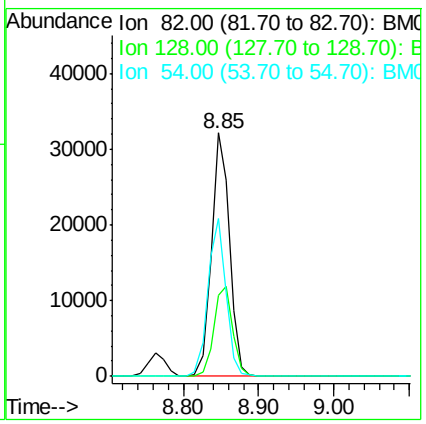


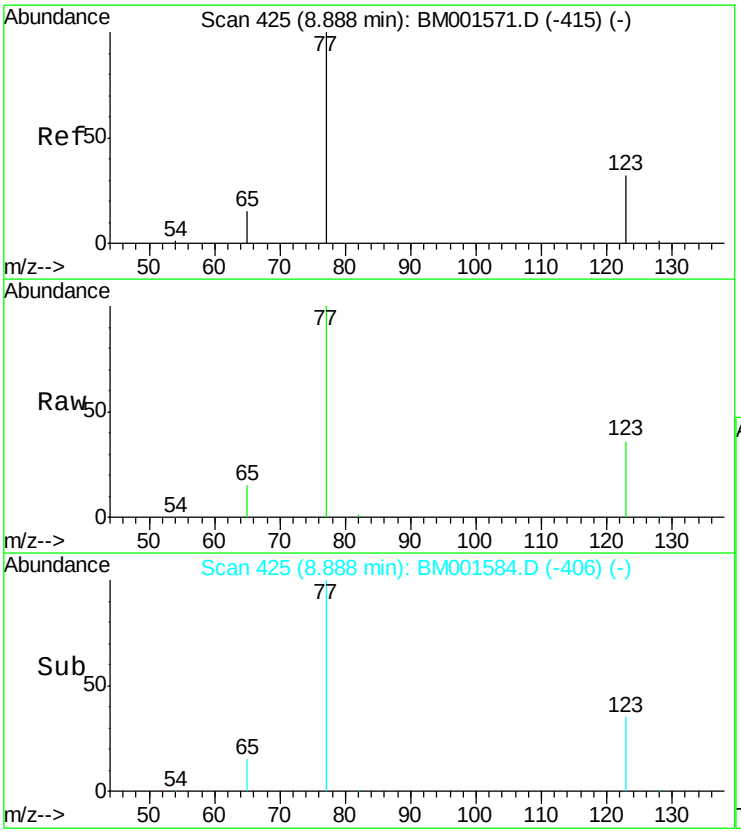
#7
Nitrobenzene-d5
Concen: 8.95 ng
RT: 8.85 min Scan# 421
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion: 82 Resp: 53665

Ion	Ratio	Lower	Upper
82	100		
128	33.5	34.1	51.1#
54	64.6	37.8	56.6#

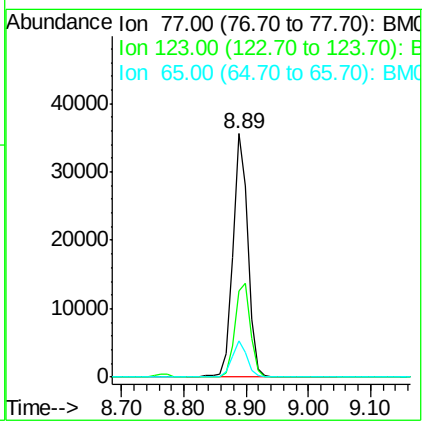


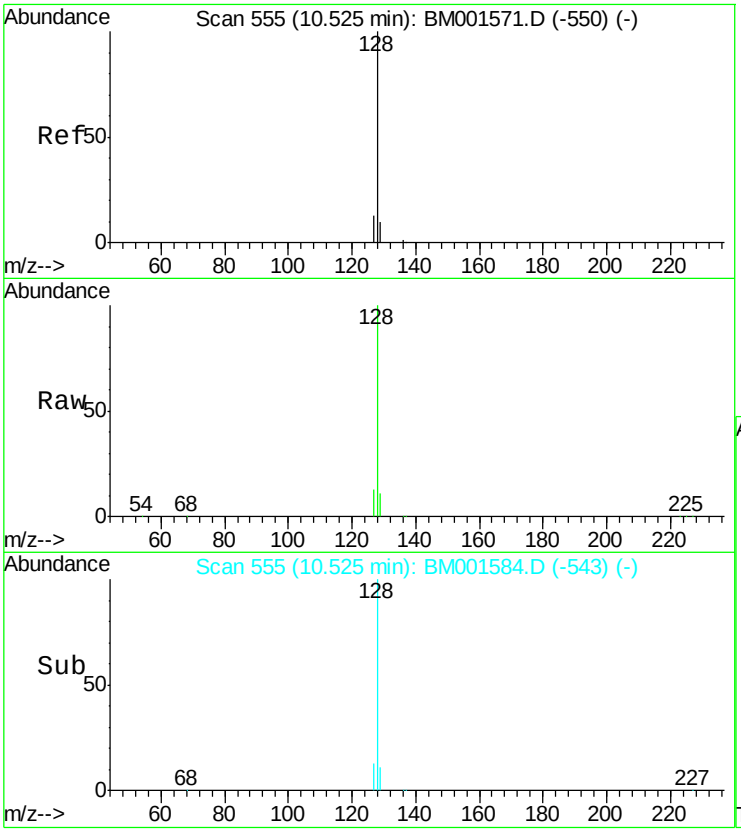


#8
Nitrobenzene
Concen: 9.19 ng
RT: 8.89 min Scan# 425
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Tgt Ion: 77 Resp: 59062

Ion	Ratio	Lower	Upper
77	100		
123	40.4	31.7	47.5
65	14.6	11.4	17.0



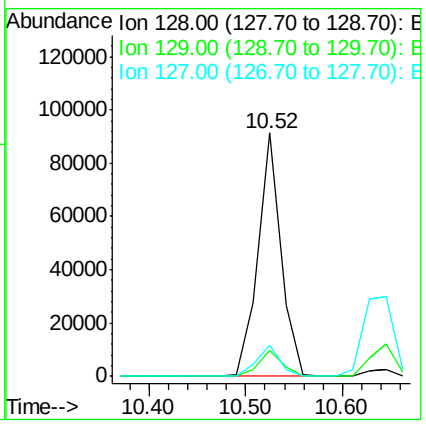


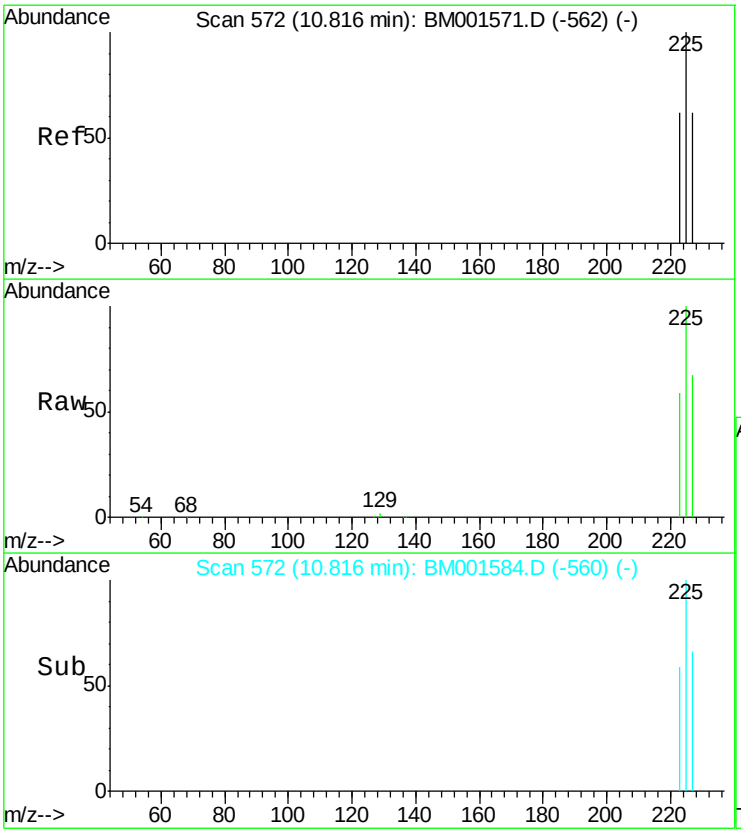
#9
Naphthalene
Concen: 7.97 ng
RT: 10.52 min Scan# 555
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:128 Resp: 151515

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	12.7	10.7	16.1

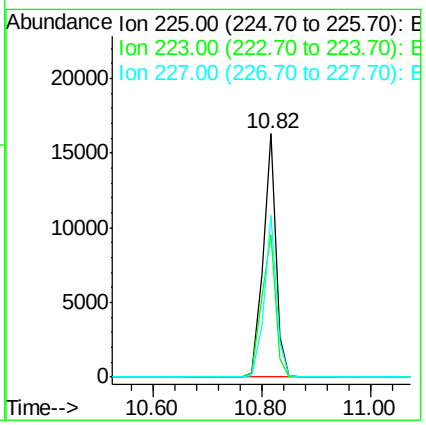


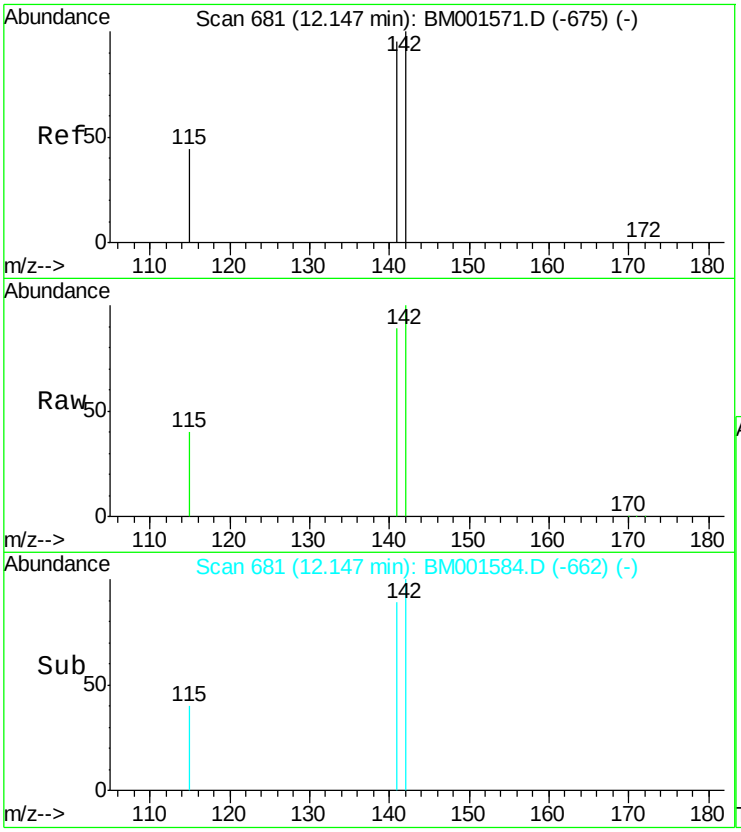


#10
Hexachlorobutadiene
Concen: 8.10 ng
RT: 10.82 min Scan# 572
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Tgt Ion:225 Resp: 26853

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.4	75.6
227	63.8	50.8	76.2



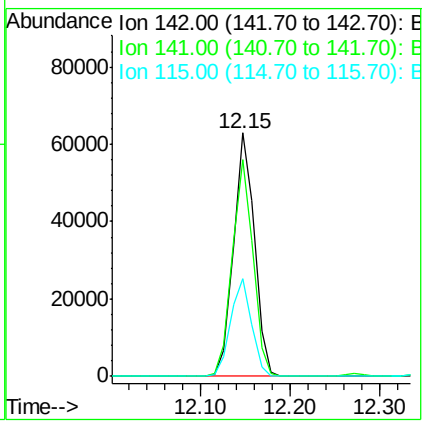


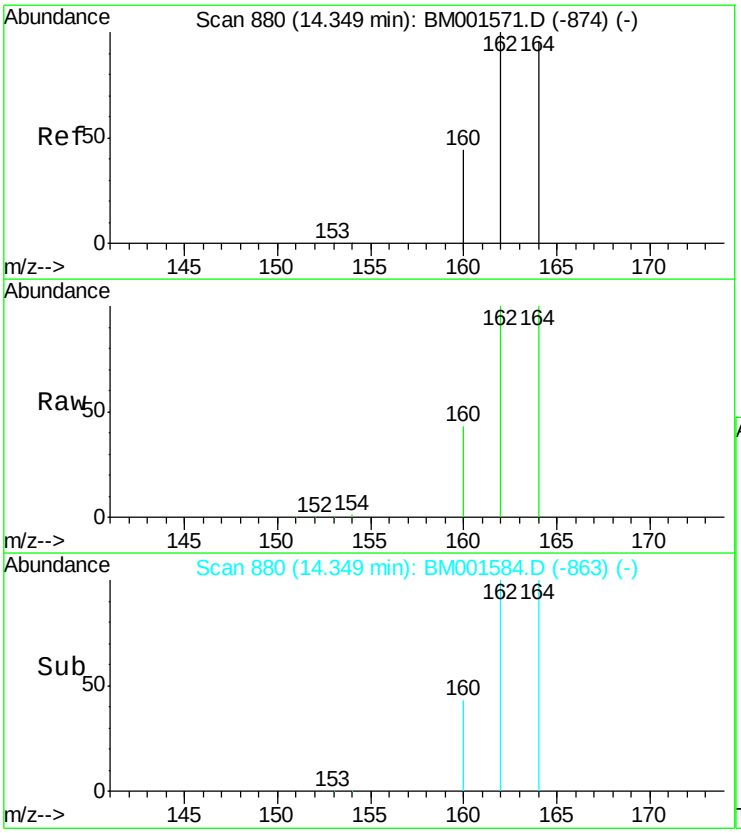
#11
2-Methylnaphthalene
Concen: 8.52 ng
RT: 12.15 min Scan# 681
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:142 Resp: 101393

Ion	Ratio	Lower	Upper
142	100		
141	89.2	75.6	113.4
115	39.9	35.5	53.3

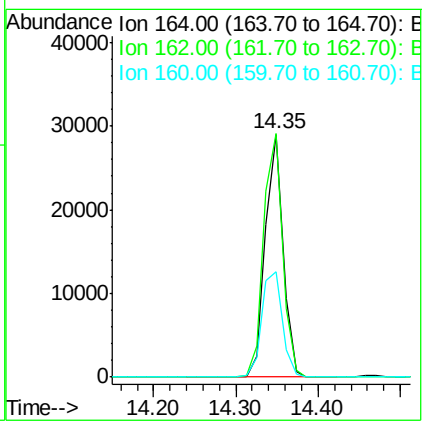


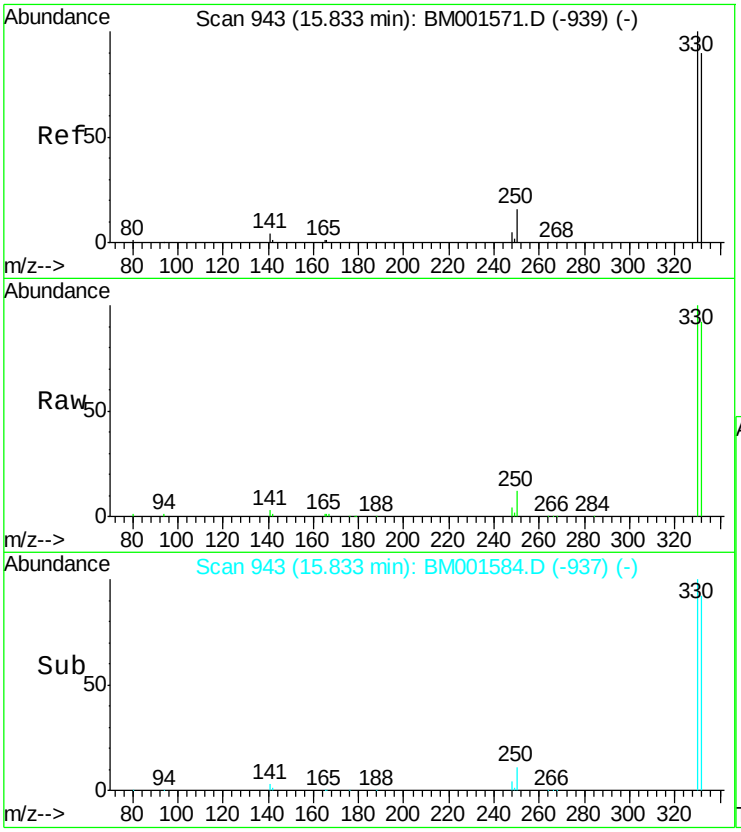


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.35 min Scan# 880
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Tgt Ion:164 Resp: 43211

Ion	Ratio	Lower	Upper
164	100		
162	100.4	83.8	125.6
160	43.4	37.1	55.7



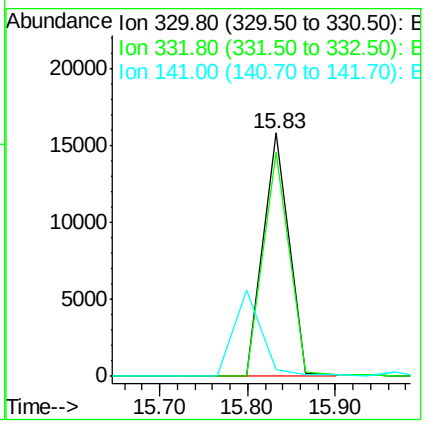


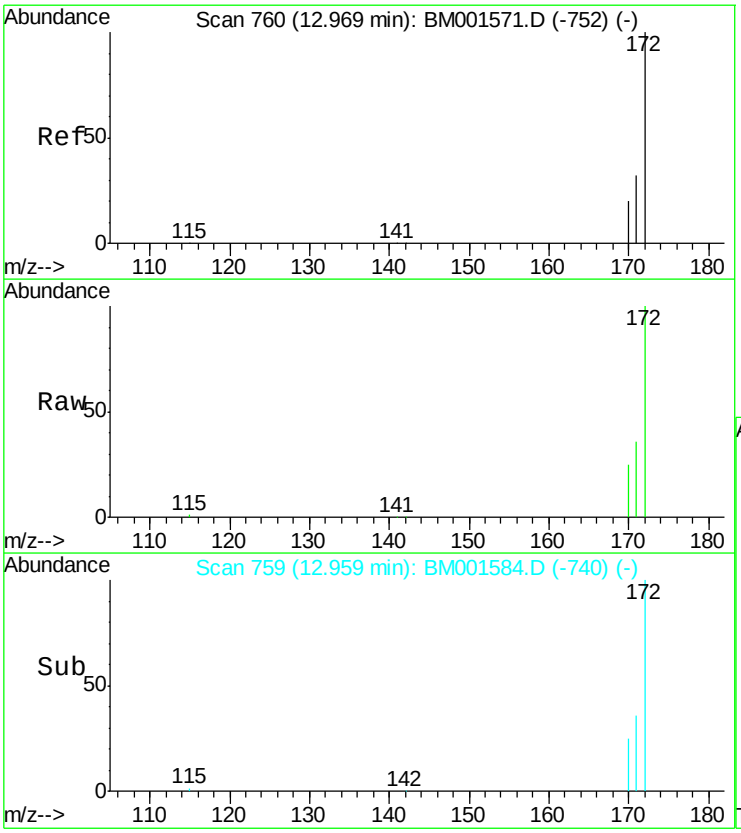
#13
2,4,6-Tribromophenol
Concen: 15.76 ng
RT: 15.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:330 Resp: 32638

Ion	Ratio	Lower	Upper
330	100		
332	92.6	72.0	108.0
141	0.0	0.0	0.0

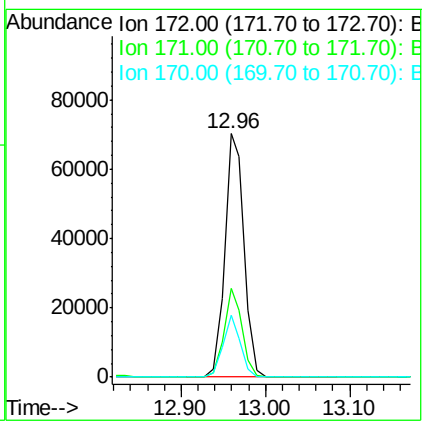


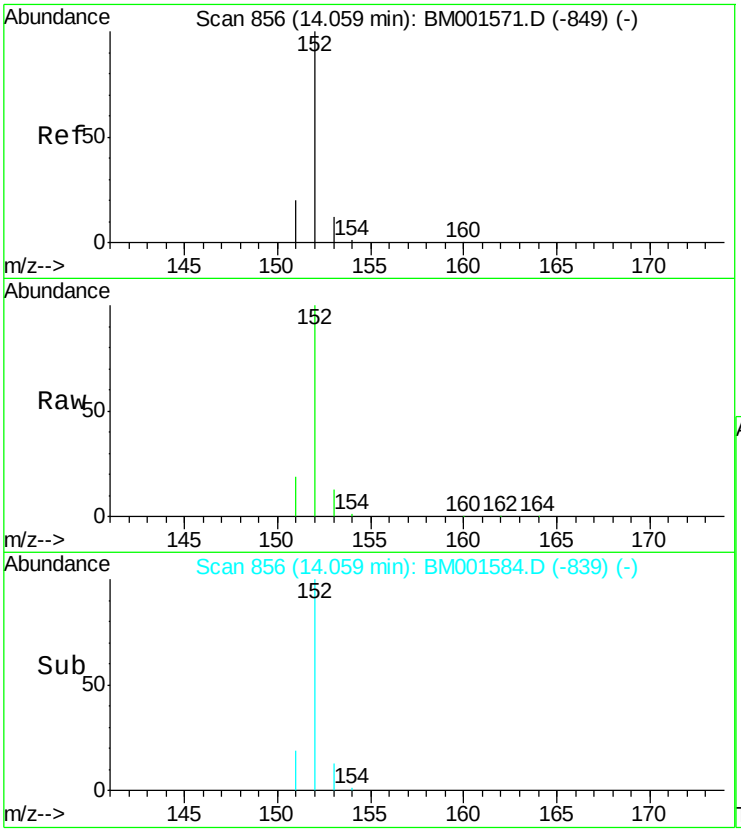


#14
2-Fluorobiphenyl
Concen: 8.44 ng
RT: 12.96 min Scan# 759
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Tgt Ion:172 Resp: 112441

Ion	Ratio	Lower	Upper
172	100		
171	36.2	26.2	39.2
170	25.5	16.1	24.1#



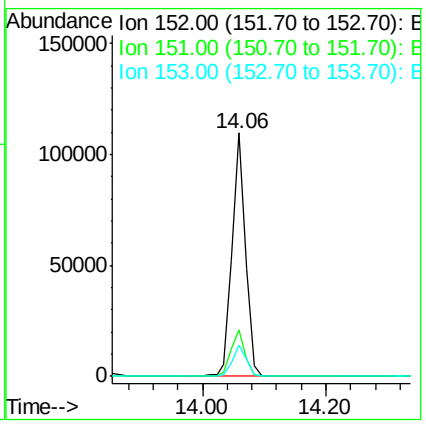


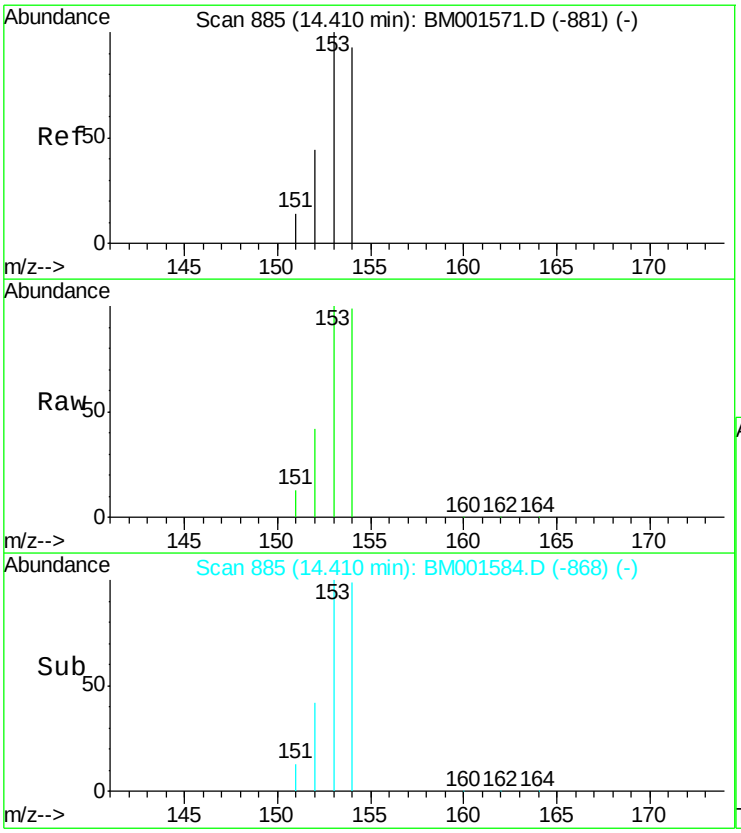
#15
Acenaphthylene
Concen: 8.66 ng
RT: 14.06 min Scan# 856
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:152 Resp: 161603

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.2	22.8
153	12.9	10.3	15.5

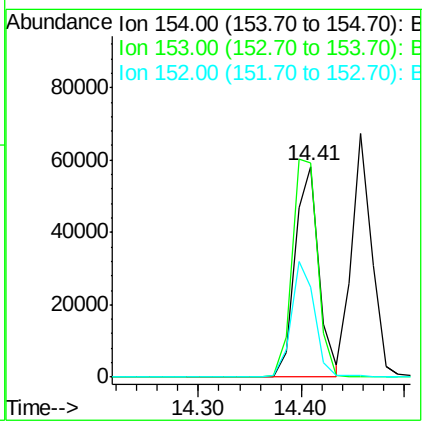


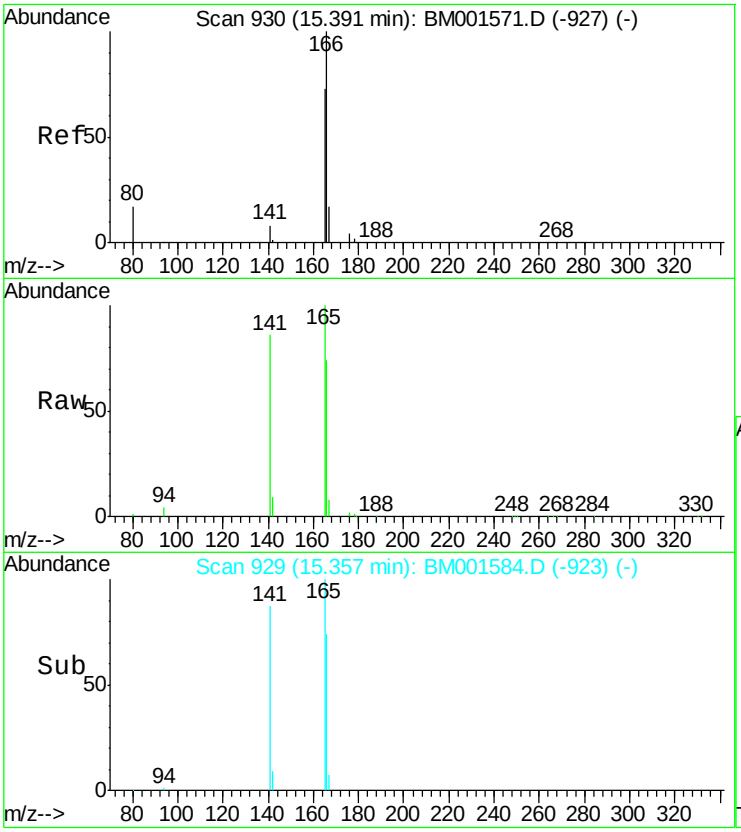


#16
Acenaphthene
Concen: 8.02 ng
RT: 14.41 min Scan# 885
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Tgt Ion:154 Resp: 94260

Ion	Ratio	Lower	Upper
154	100		
153	110.6	89.1	133.7
152	53.6	43.2	64.8



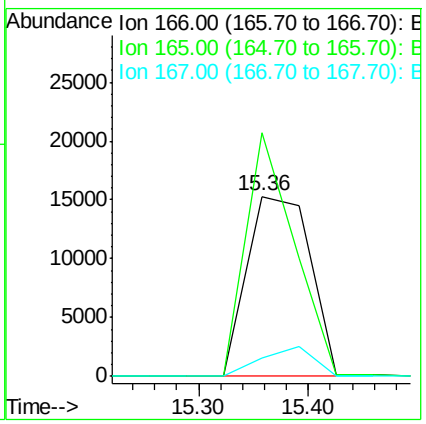


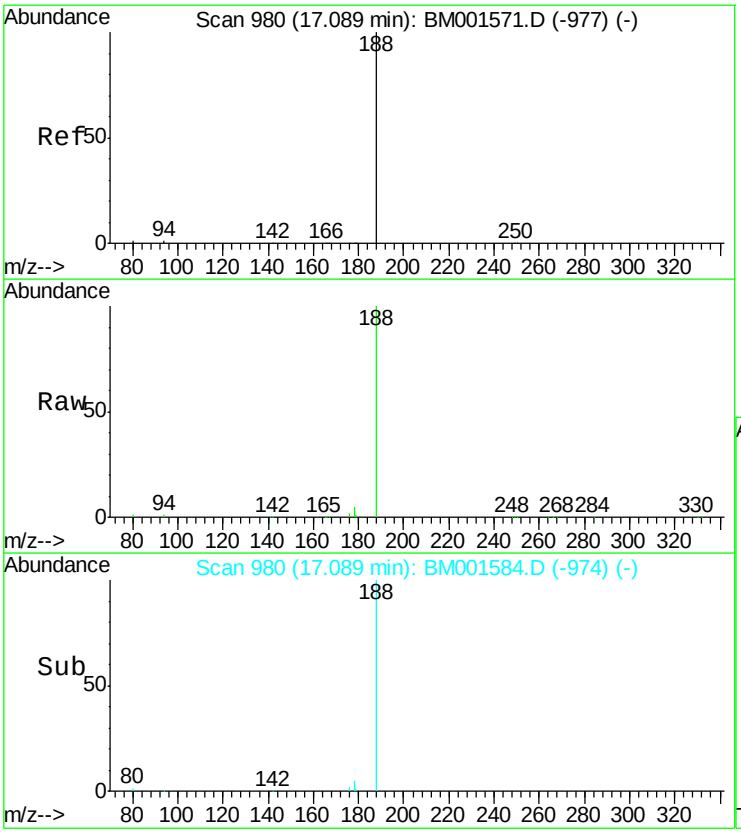
#17
Fluorene
Concen: 8.00 ng
RT: 15.36 min Scan# 929
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:166 Resp: 60500

Ion	Ratio	Lower	Upper
166	100		
165	103.2	0.0	0.0#
167	0.0	11.3	16.9#

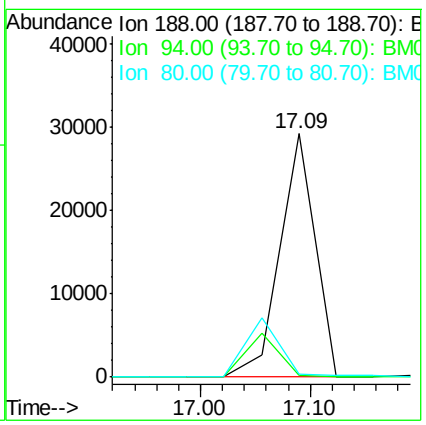


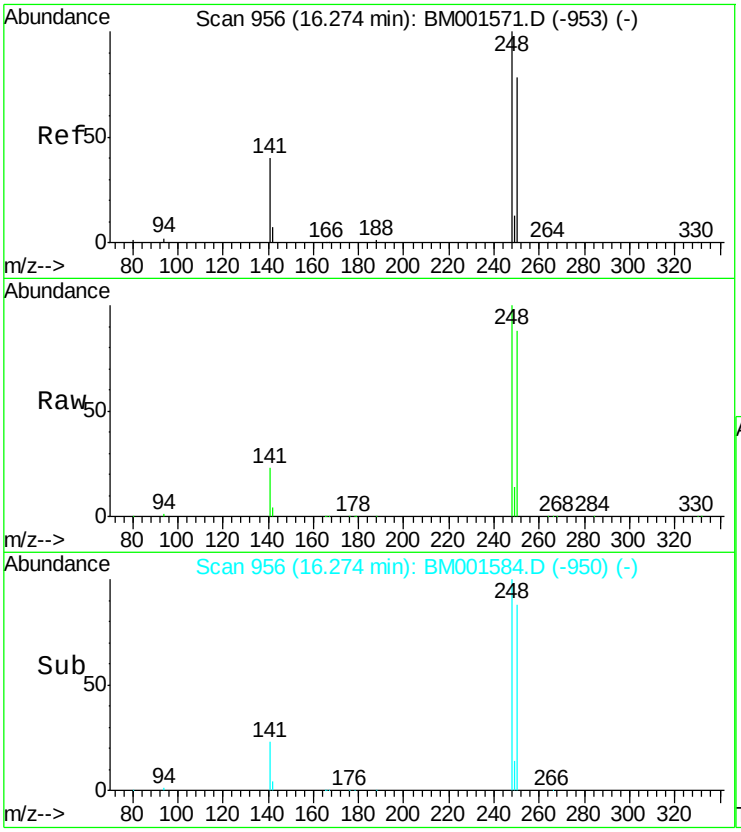


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 980
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Tgt Ion:188 Resp: 65037

Ion	Ratio	Lower	Upper
188	100		
94	0.7	0.7	1.1#
80	1.0	0.6	1.0#



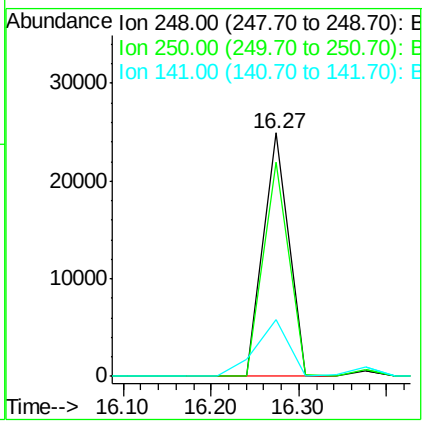


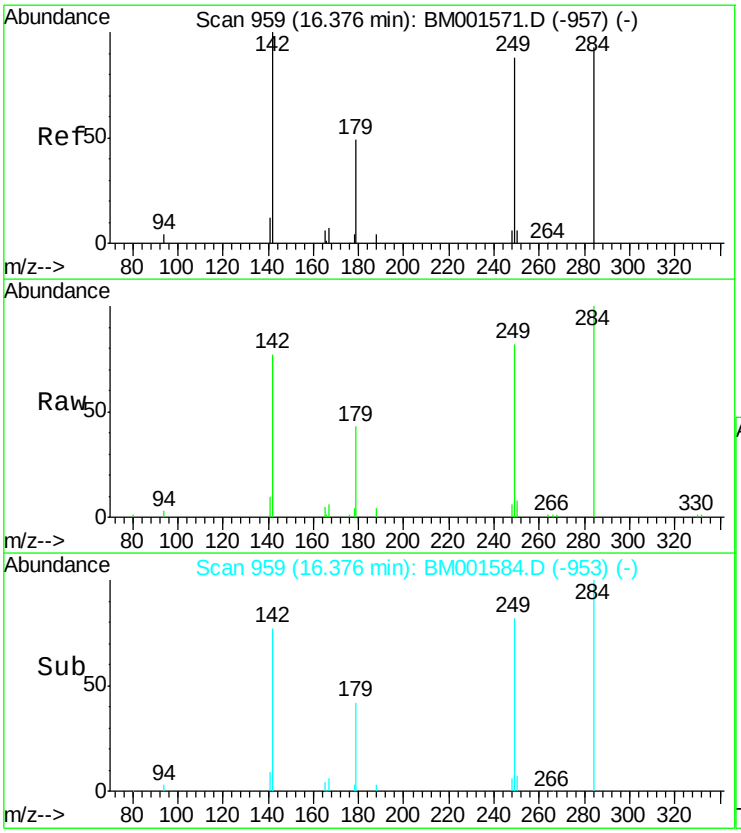
#19
4-Bromophenyl-phenylether
Concen: 9.81 ng
RT: 16.27 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:248 Resp: 50839

Ion	Ratio	Lower	Upper
248	100		
250	88.3	63.1	94.7
141	29.5	35.0	52.6#

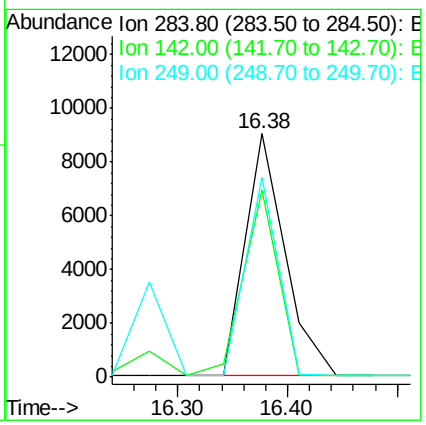


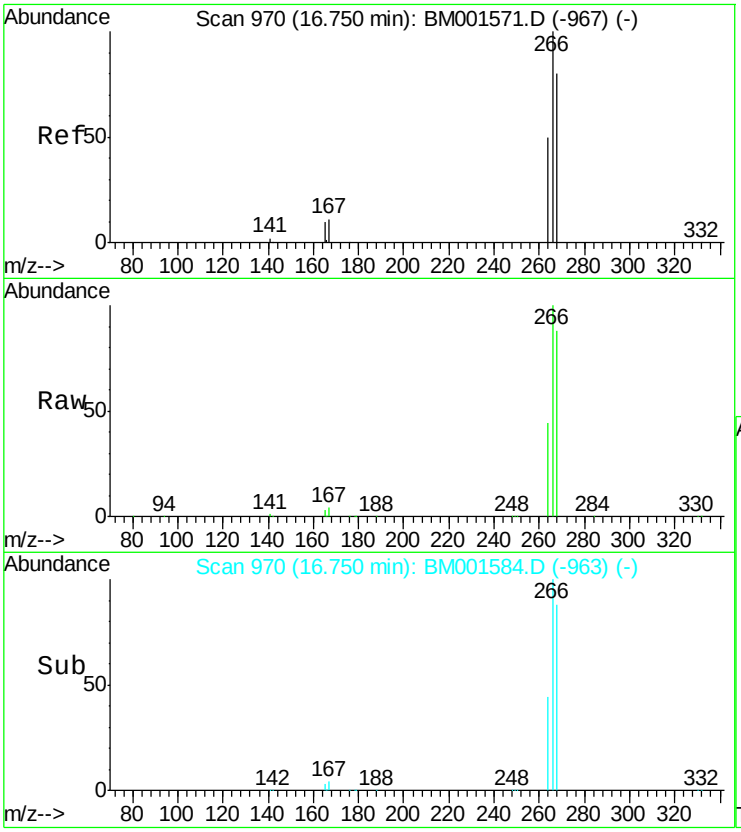


#20
Hexachlorobenzene
Concen: 10.82 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Tgt Ion:284 Resp: 22356

Ion	Ratio	Lower	Upper
284	100		
142	75.5	64.2	96.2
249	67.9	55.4	83.0



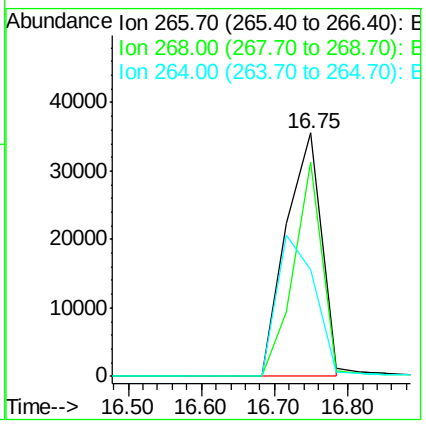


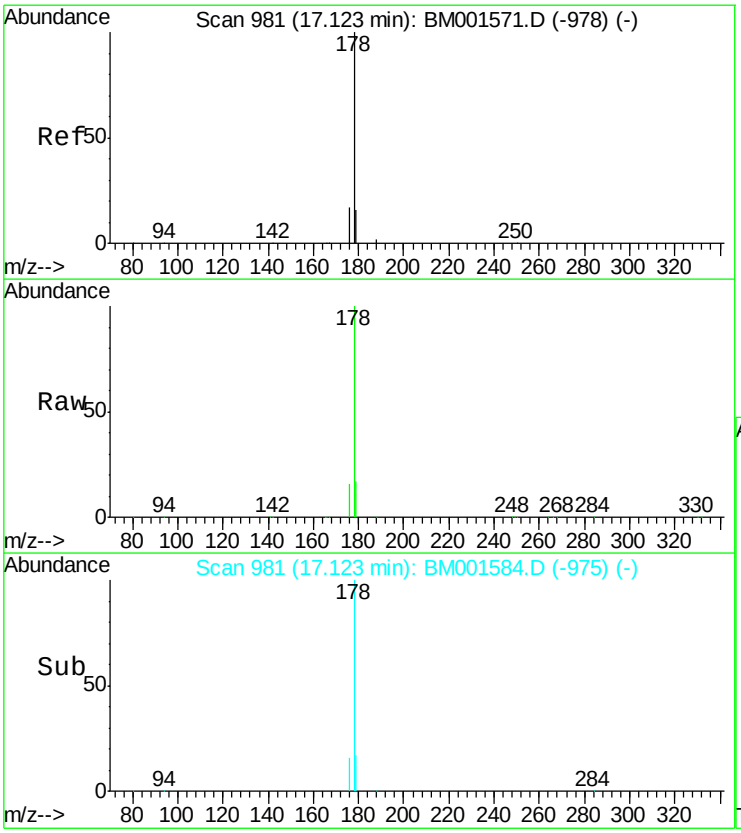
#21
Pentachlorophenol
Concen: 121.02 ng
RT: 16.75 min Scan# 970
Delta R.T. 0.03 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:266 Resp: 120148

Ion	Ratio	Lower	Upper
266	100		
268	88.1	66.3	99.5
264	44.0	45.5	68.3#

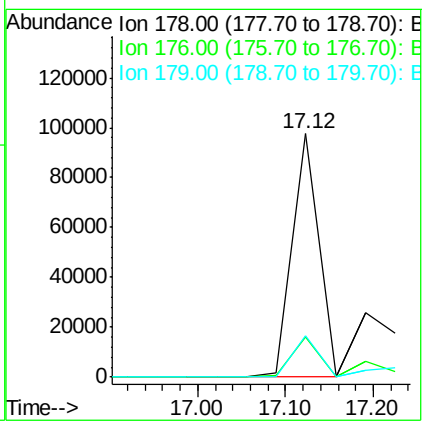


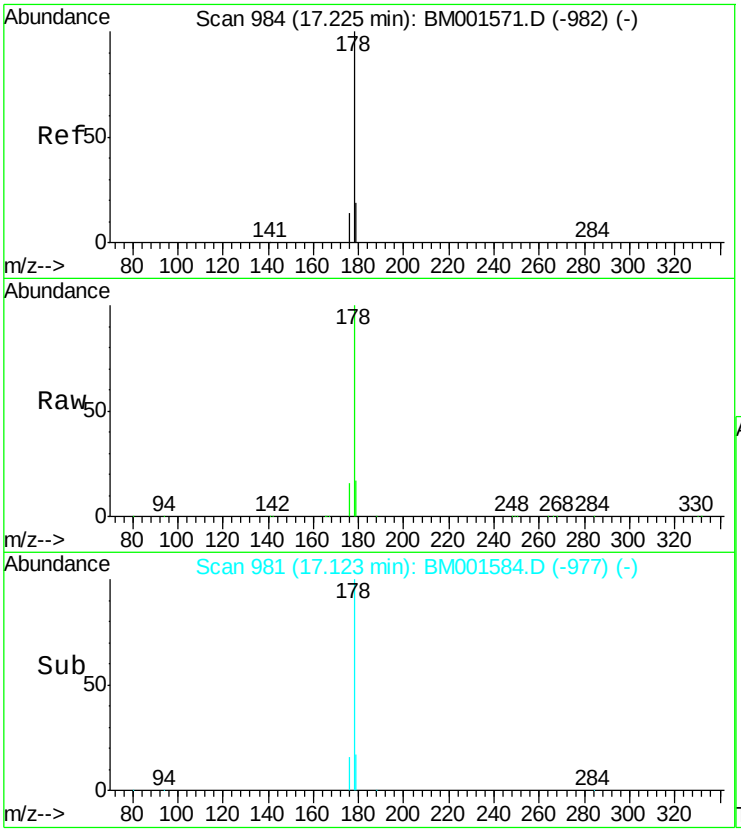


#22
Phenanthrene
Concen: 8.91 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Tgt Ion:178 Resp: 202151

Ion	Ratio	Lower	Upper
178	100		
176	16.6	13.5	20.3
179	16.6	13.3	19.9



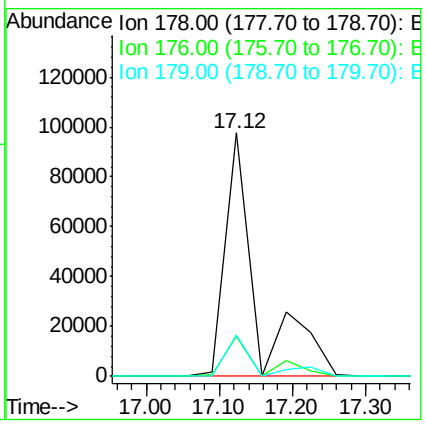


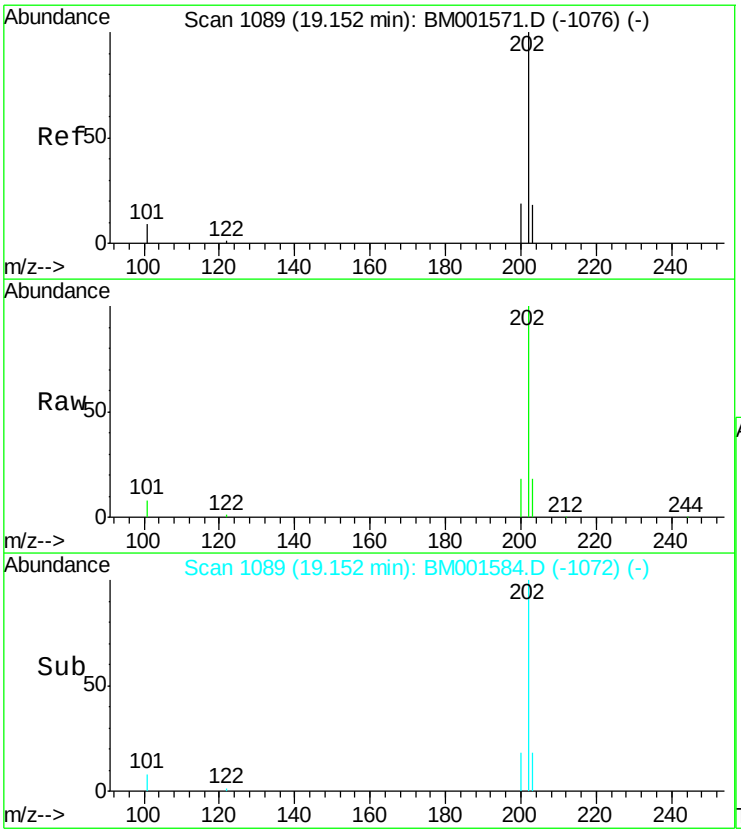
#23
Anthracene
Concen: 30.43 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.07 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:178 Resp: 290822

Ion	Ratio	Lower	Upper
178	100		
176	17.7	45.9	68.9#
179	16.3	33.3	49.9#

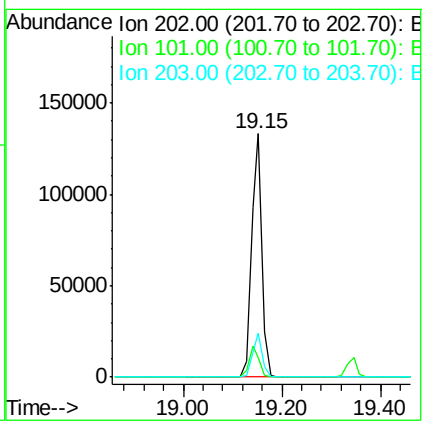


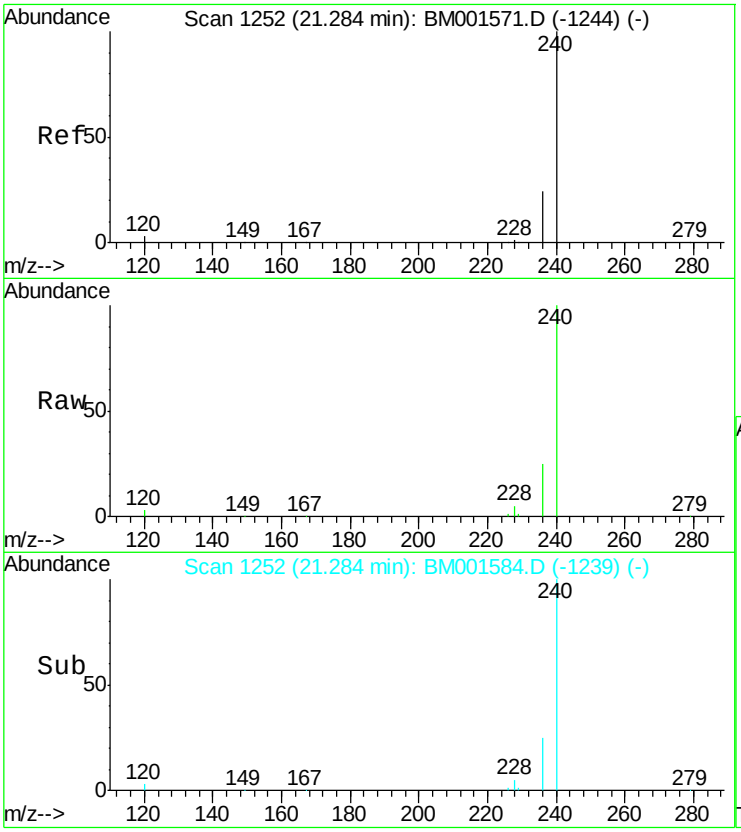


#24
Fluoranthene
Concen: 10.78 ng
RT: 19.15 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Tgt Ion:202 Resp: 190202

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.0	15.0
203	17.4	13.9	20.9



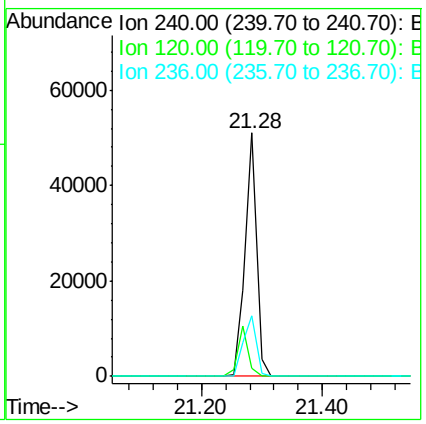


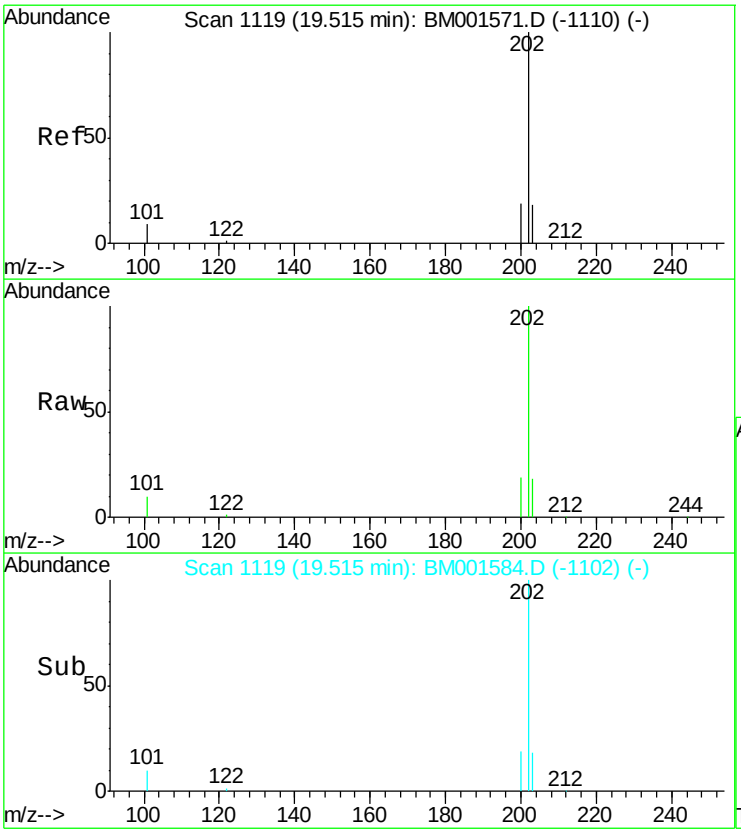
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:240 Resp: 67923

Ion	Ratio	Lower	Upper
240	100		
120	3.3	2.2	3.2#
236	24.8	19.5	29.3

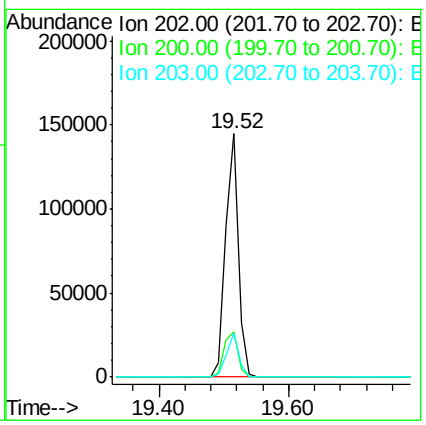


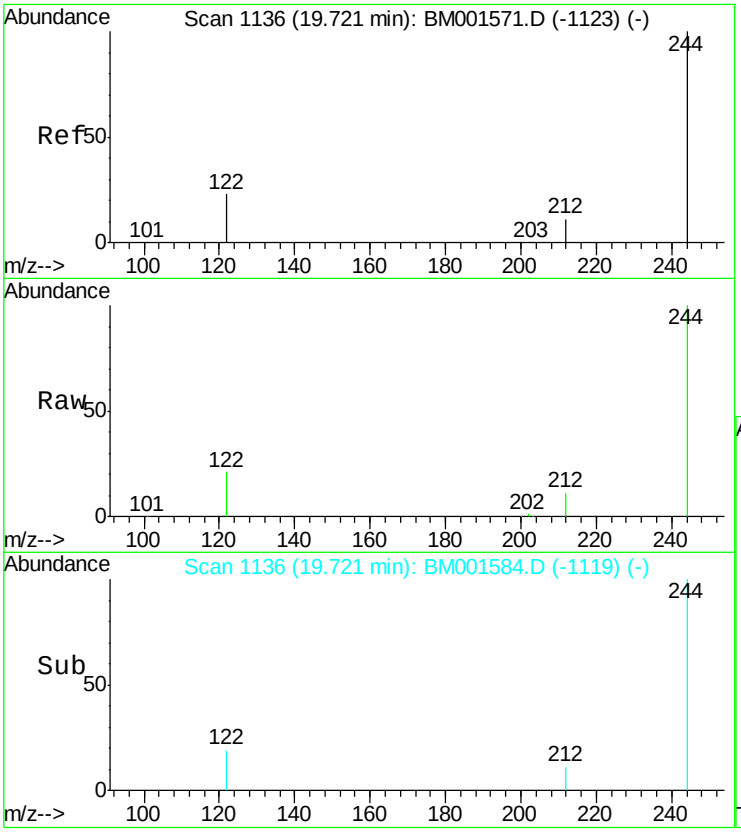


#26
Pyrene
Concen: 9.26 ng
RT: 19.52 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Tgt Ion:202 Resp: 202361

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.8	13.9	20.9



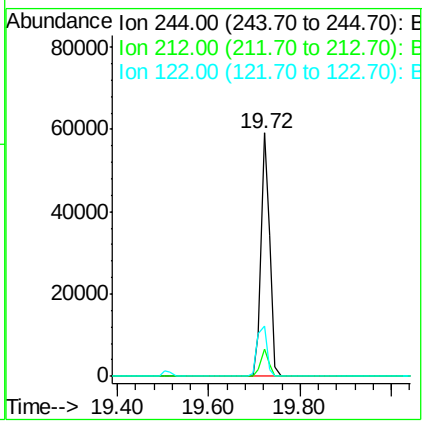


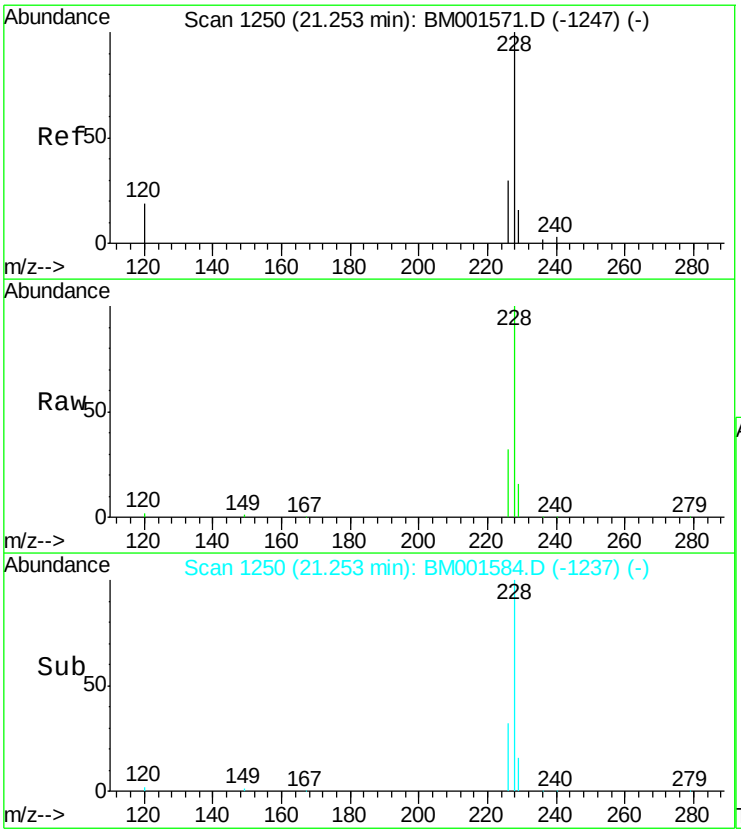
#27
Terphenyl-d14
Concen: 8.79 ng
RT: 19.72 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:244 Resp: 77140

Ion	Ratio	Lower	Upper
244	100		
212	11.4	9.6	14.4
122	20.7	19.0	28.4

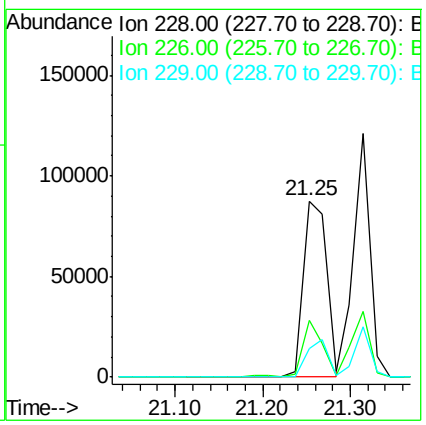


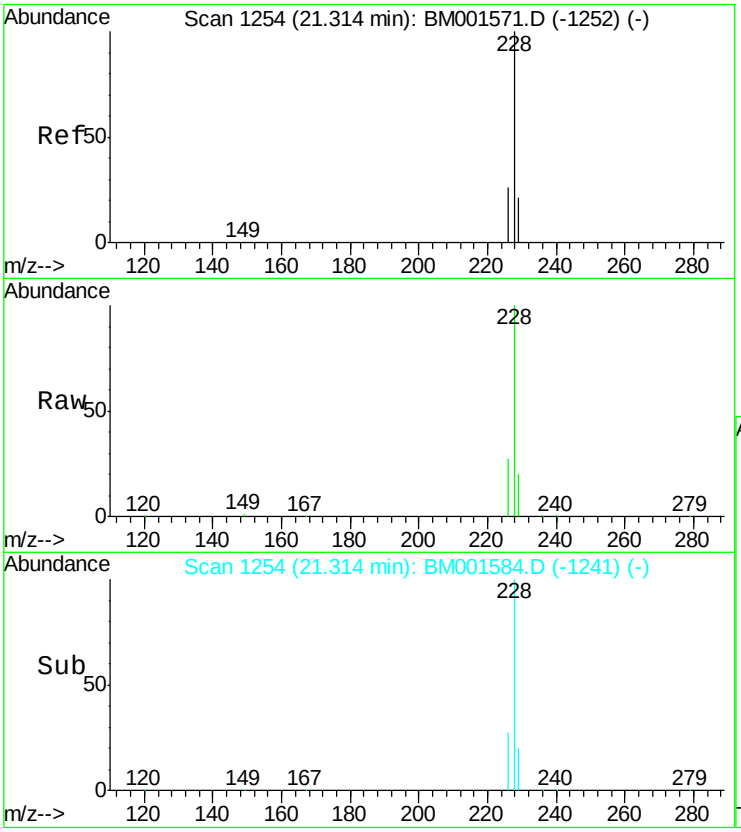


#28
Benzo(a)anthracene
Concen: 8.44 ng
RT: 21.25 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Tgt Ion:228 Resp: 161494

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.8	37.2
229	16.2	13.4	20.0



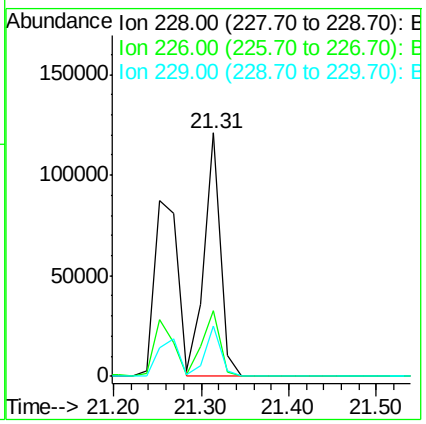


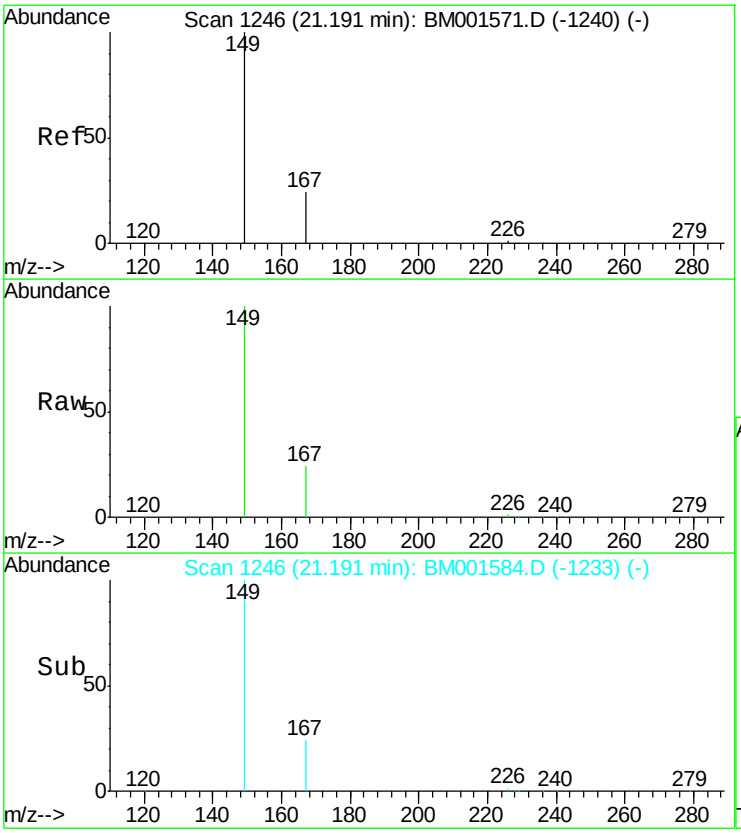
#29
Chrysene
Concen: 8.52 ng
RT: 21.31 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:228 Resp: 155576

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.0	31.6
229	20.5	17.2	25.8

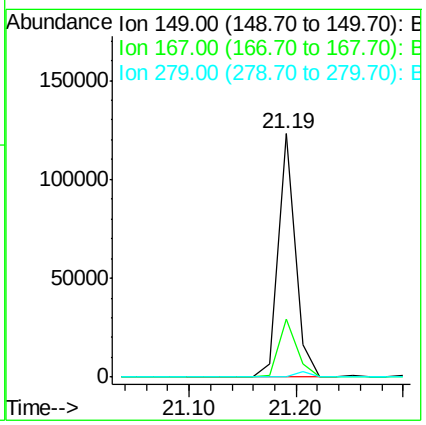


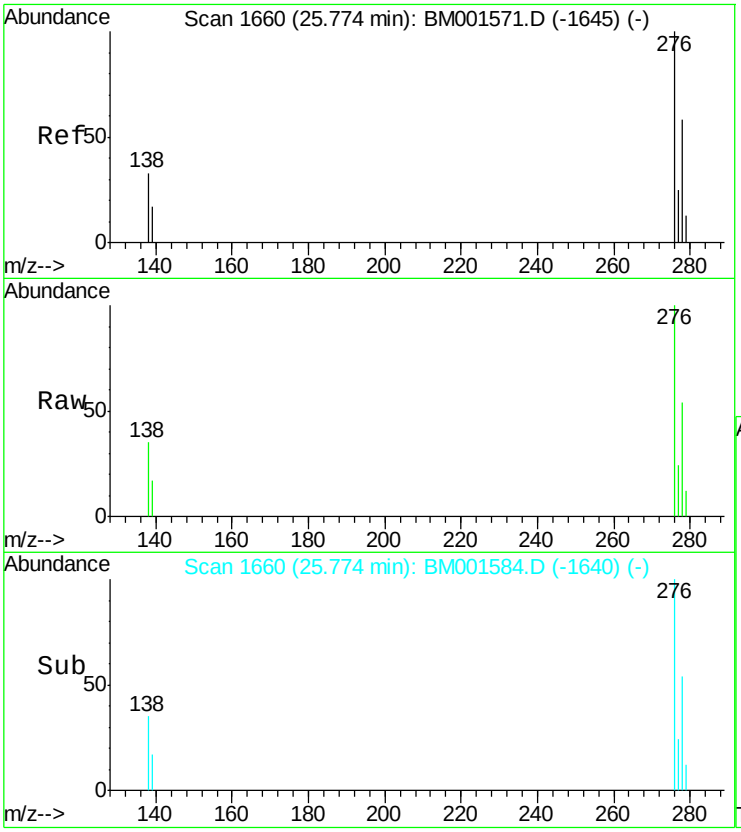


#30
Bis(2-ethylhexyl)phthalate
Concen: 10.53 ng
RT: 21.19 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Tgt Ion:149 Resp: 135799

Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.2	30.2
279	2.0	1.8	2.6



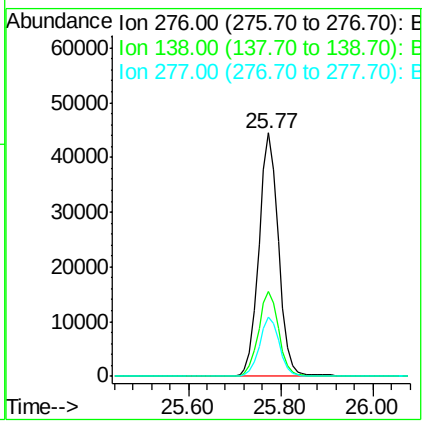


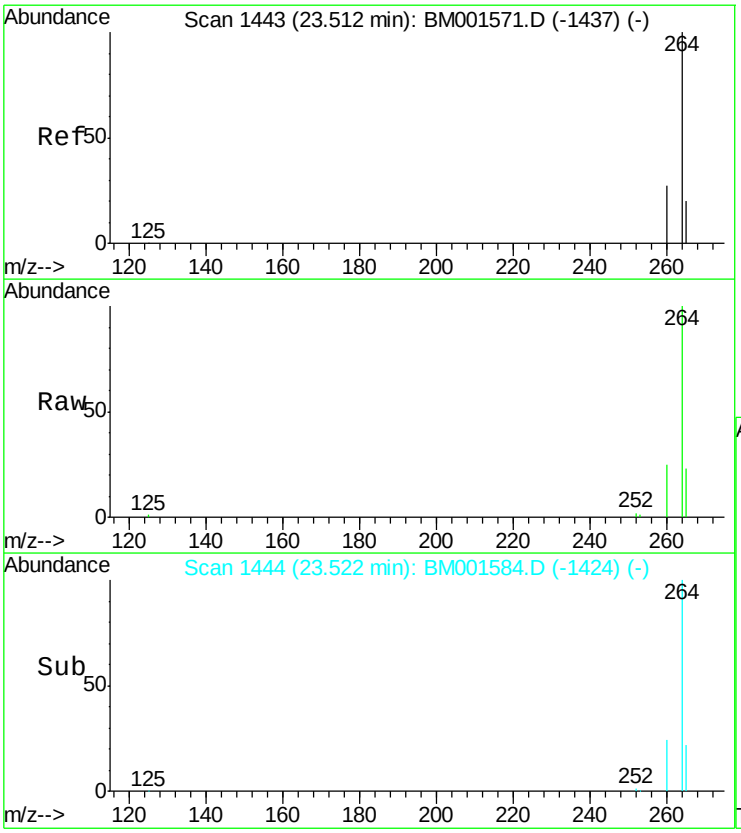
#31
Indeno(1,2,3-cd)pyrene
Concen: 6.64 ng
RT: 25.77 min Scan# 1660
Delta R.T. 0.01 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:276 Resp: 130258

Ion	Ratio	Lower	Upper
276	100		
138	35.8	28.0	42.0
277	24.6	19.7	29.5

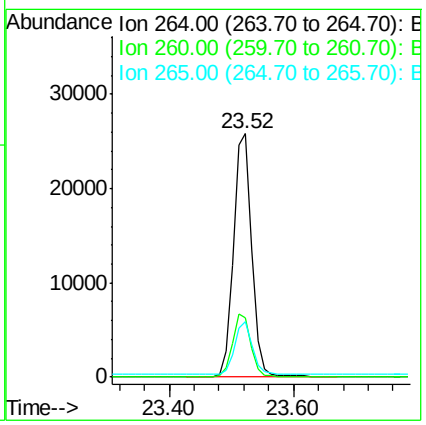


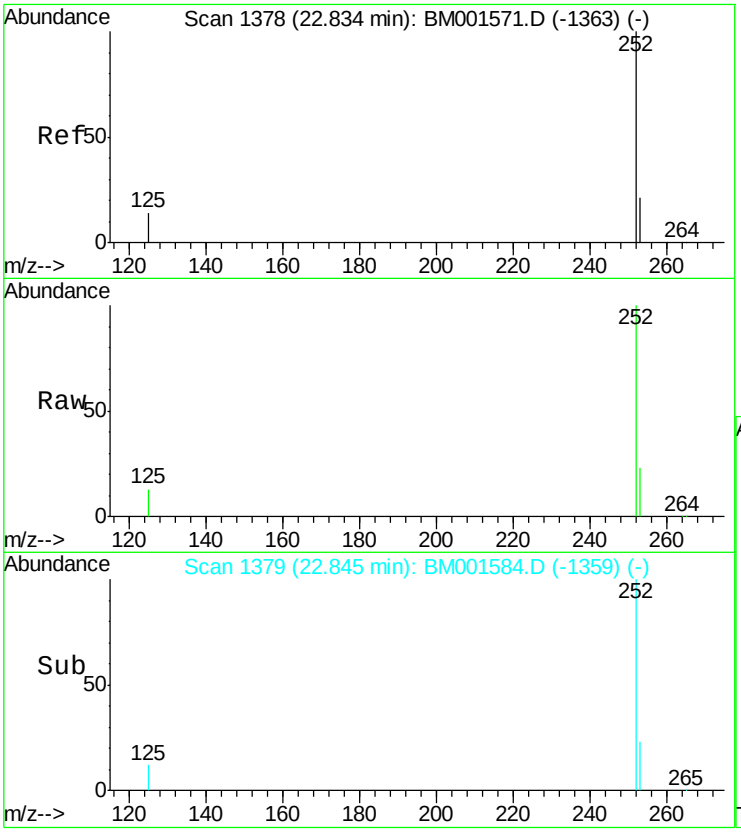


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.52 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Tgt Ion:264 Resp: 52660

Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.6	32.4
265	22.9	16.5	24.7



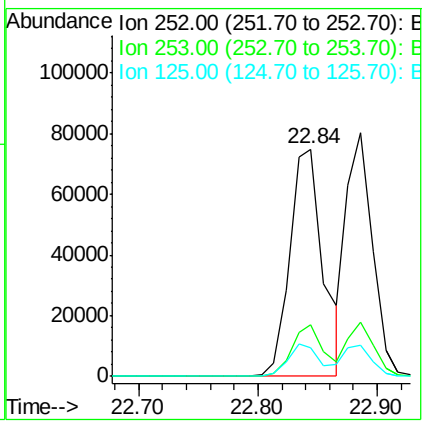


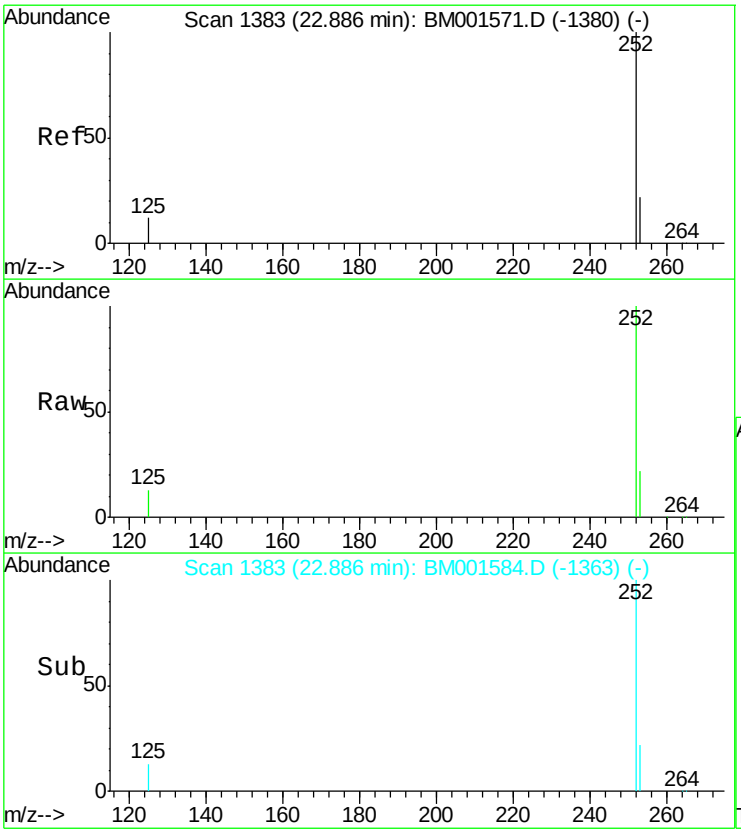
#33
Benzo(b)fluoranthene
Concen: 9.30 ng
RT: 22.84 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:252 Resp: 146318

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	12.6	11.8	17.8

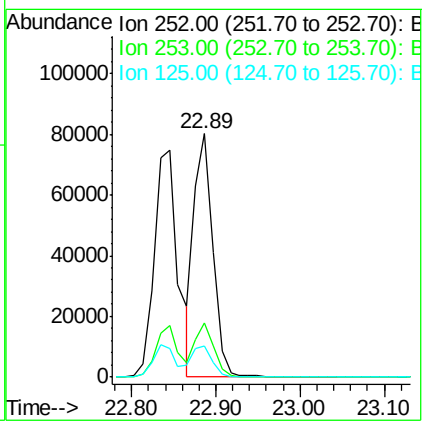


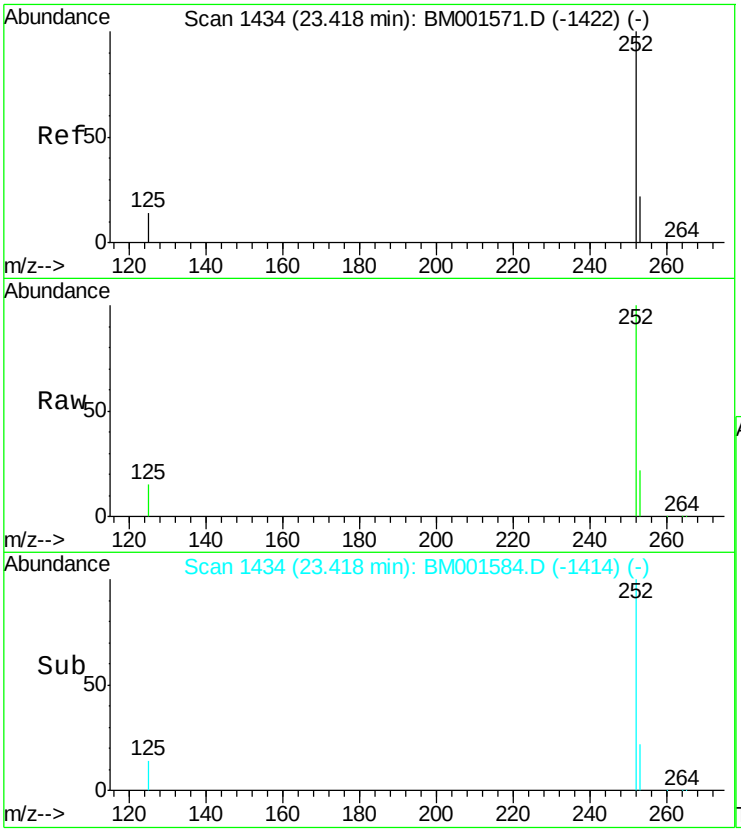


#34
Benzo(k)fluoranthene
Concen: 8.53 ng
RT: 22.89 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Tgt Ion:252 Resp: 122217

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.8	28.2
125	12.9	10.7	16.1



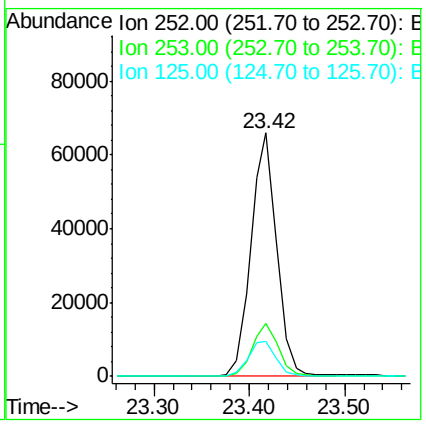


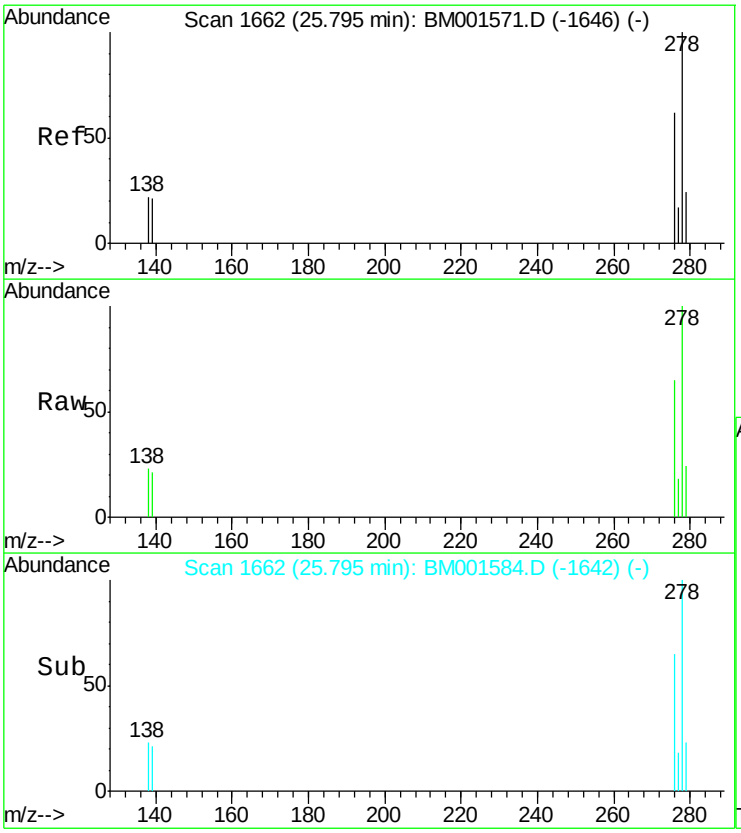
#35
Benzo(a)pyrene
Concen: 8.98 ng
RT: 23.42 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:252 Resp: 123480

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.8	28.2
125	14.6	12.1	18.1

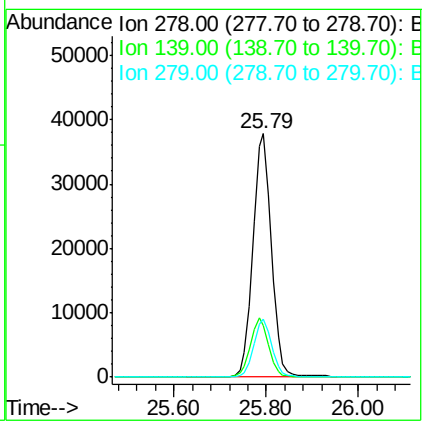


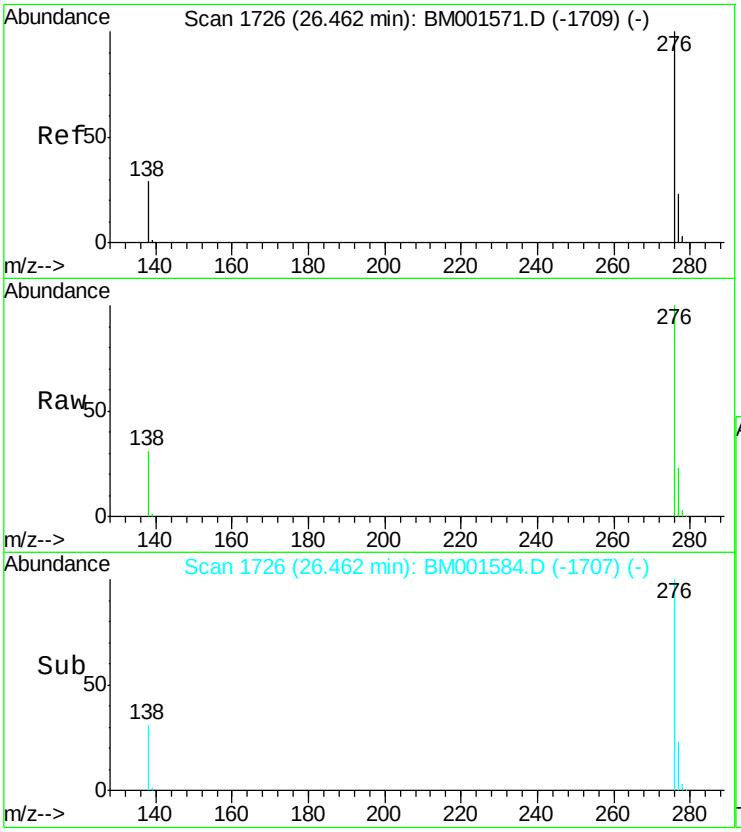


#36
Dibenzo(a,h)anthracene
Concen: 7.78 ng
RT: 25.79 min Scan# 1662
Delta R.T. 0.01 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Tgt Ion:278 Resp: 104798

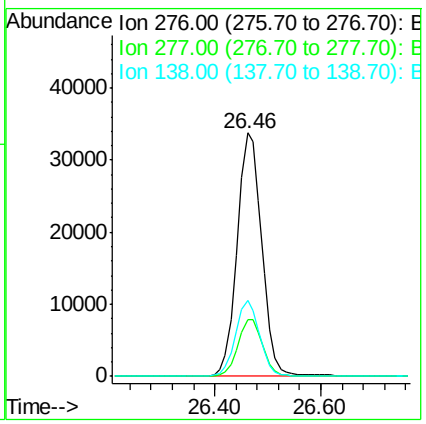
Ion	Ratio	Lower	Upper
278	100		
139	21.3	17.4	26.0
279	23.6	20.0	30.0





#37
Benzo(g,h,i)perylene
Concen: 7.60 ng
RT: 26.46 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BM001584.D
Acq: 06 Jun 2015 08:41

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:276 Resp: 107704

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.2	28.8
138	31.2	23.7	35.5