Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060315\
Data File : BM001551.D
Acq On : 04 Jun 2015 04:19
Operator : TP/IZ
Sample : PB83718BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB83718BSD

Quant Time: Jun 04 19:33:34 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 12:46:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	37981	5.00	ng		0.00
6) Naphthalene-d8	10.49	136	139905	5.00	ng		0.00
12) Acenaphthene-d10	14.36	164	69369	5.00	ng		0.00
18) Phenanthrene-d10	17.10	188	99253	5.00	ng		0.00
25) Chrysene-d12	21.28	240	103688	5.00	ng		0.00
32) Perylene-d12	23.53	264	83663	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	89298	10.34	ng		0.00
5) Phenol-d6	6.86	99	119808	11.30	ng		0.00
7) Nitrobenzene-d5	8.86	82	76421	7.67	ng		0.00
13) 2,4,6-Tribromophenol	15.84	330	46587	16.08	ng		0.00
14) 2-Fluorobiphenyl	12.97	172	151875	7.37	ng		0.00
27) Terphenyl-d14	19.73	244	102292	7.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	23920	7.17	ng		96
3) n-Nitrosodimethylamine	3.51	42	42032	7.14	ng		99
8) Nitrobenzene	8.90	77	82255	7.84	ng		99
9) Naphthalene	10.52	128	207105	7.03	ng		98
10) Hexachlorobutadiene	10.82	225	36297	7.13	ng		100
11) 2-Methylnaphthalene	12.15	142	138061	7.45	ng		94
15) Acenaphthylene	14.07	152	220069	7.29	ng		100
16) Acenaphthene	14.42	154	129214	7.10	ng		98
17) Fluorene	15.36	166	83799	5.68	ng	#	76
19) 4-Bromophenyl-phenylether	16.28	248	70020	18.02	ng	#	58
20) Hexachlorobenzene	16.38	284	32930	15.96	ng	#	100
21) Pentachlorophenol	16.76	266	189647	165.97	ng	#	89
22) Phenanthrene	17.13	178	256697	8.90	ng		97
23) Anthracene	17.13	178	379199	28.71	ng	#	62
24) Fluoranthene	19.15	202	253817	12.43	ng		99
26) Pyrene	19.51	202	272058	8.52	ng		99
28) Benzo(a)anthracene	21.26	228	223668	7.71	ng		95
29) Chrysene	21.31	228	195634	7.55	ng		96
30) Bis(2-ethylhexyl)phthalate	21.20	149	193069	9.12	ng		99
31) Indeno(1,2,3-cd)pyrene	25.78	276	186962	6.54	ng		98
33) Benzo(b)fluoranthene	22.85	252	200520	8.63	ng		97
34) Benzo(k)fluoranthene	22.89	252	165832	7.68	ng		97
35) Benzo(a)pyrene	23.43	252	174369	8.30	ng		97
36) Dibenzo(a,h)anthracene	25.80	278	151260	7.75	ng		97
37) Benzo(g,h,i)perylene	26.48	276	154723	7.54	ng		99

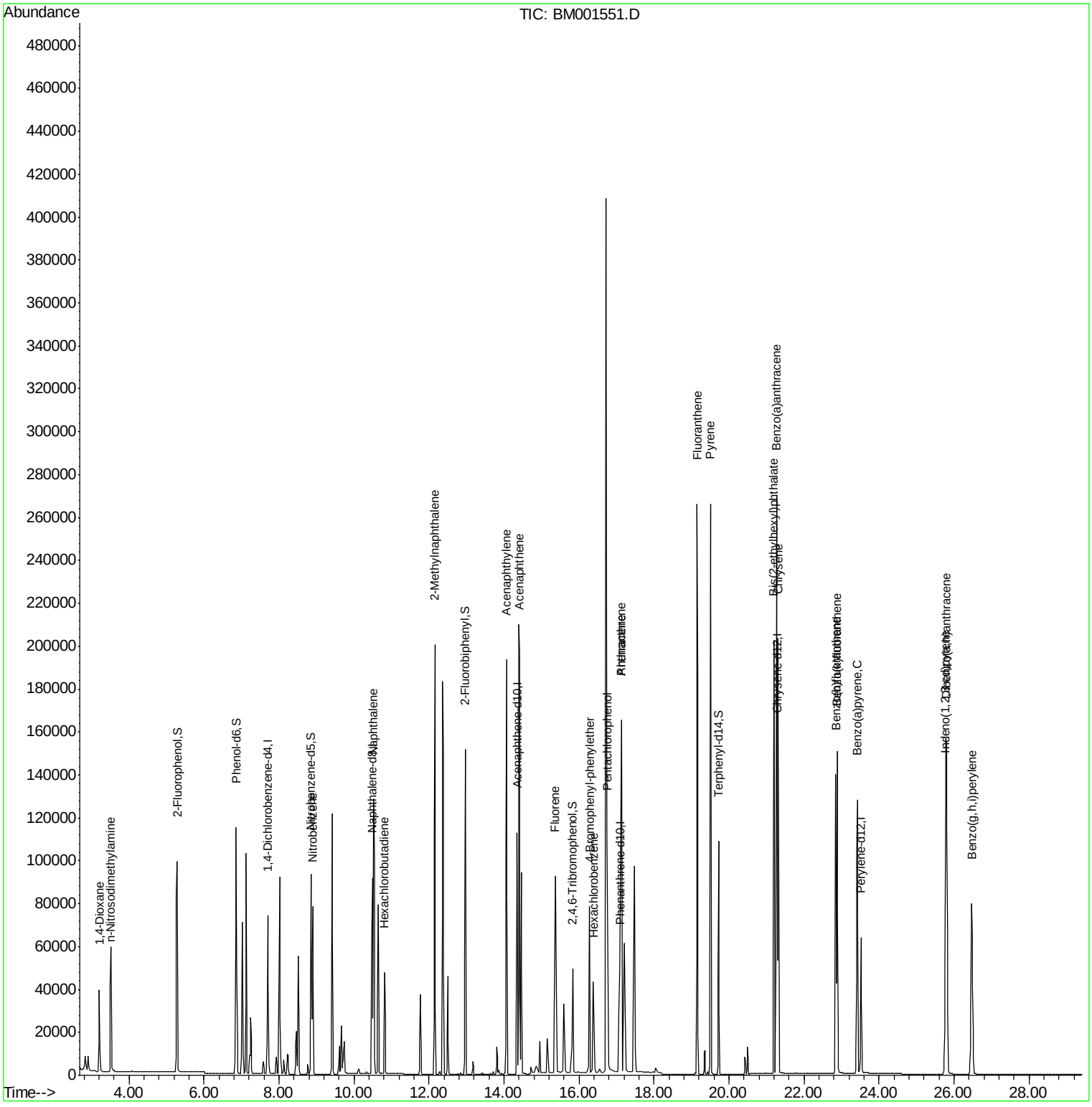
(#) = qualifier out of range (m) = manual integration (+) = signals summed

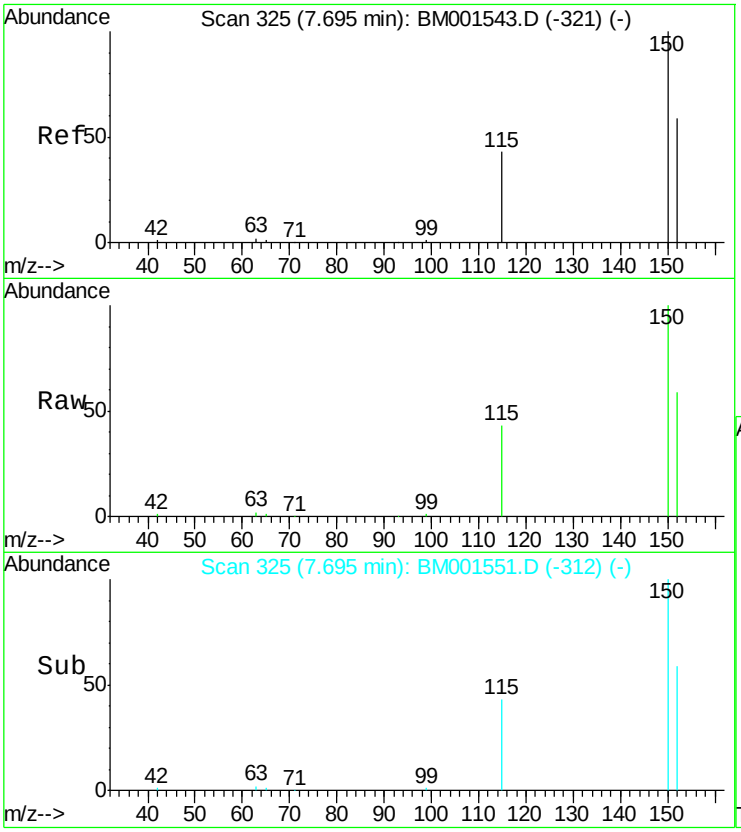
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060315\
Data File : BM001551.D
Acq On : 04 Jun 2015 04:19
Operator : TP/IZ
Sample : PB83718BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Quant Time: Jun 04 19:33:34 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 12:46:32 2015
Response via : Initial Calibration



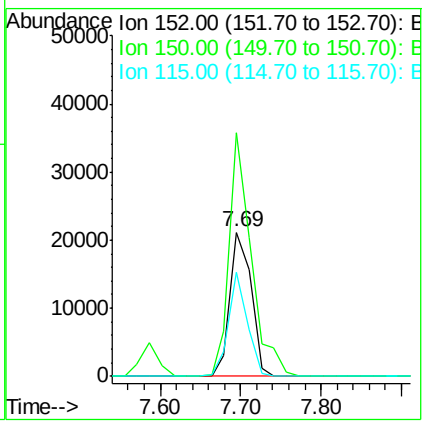


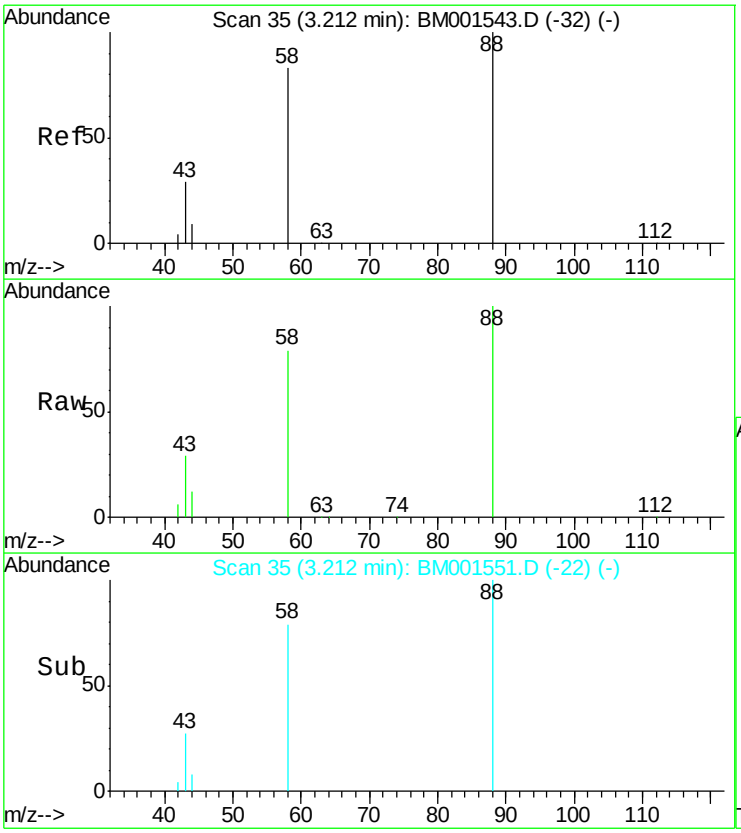
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 325
Delta R.T. -0.00 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:152 Resp: 37981

Ion	Ratio	Lower	Upper
152	100		
150	169.1	135.0	202.4
115	72.4	57.8	86.8

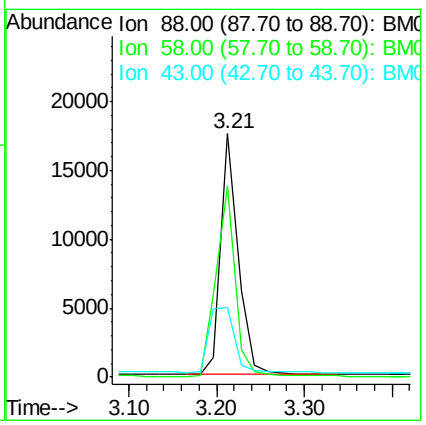


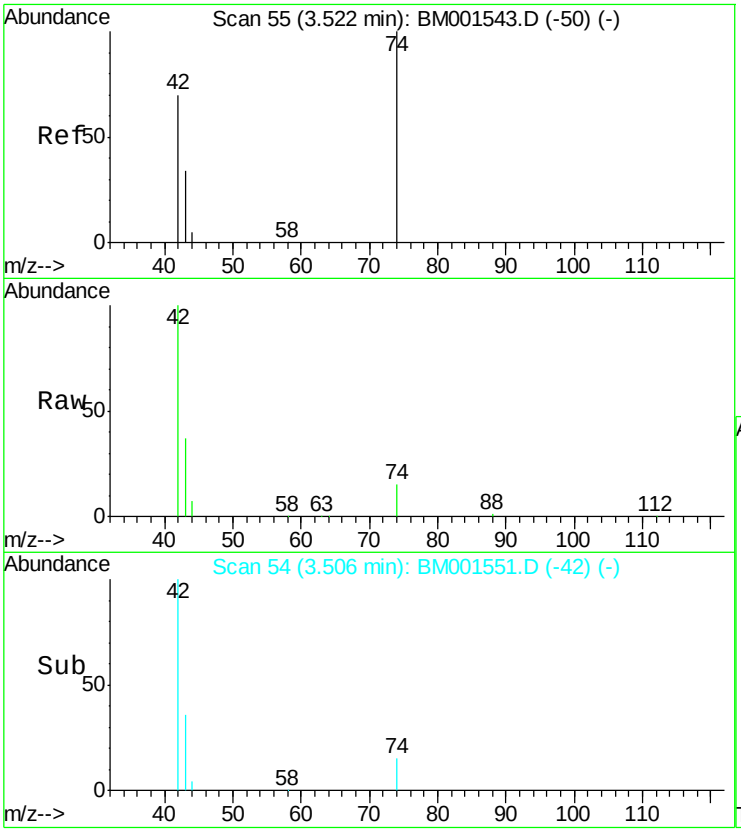


#2
1,4-Dioxane
Concen: 7.17 ng
RT: 3.21 min Scan# 35
Delta R.T. 0.00 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Tgt Ion: 88 Resp: 23920

Ion	Ratio	Lower	Upper
88	100		
58	86.0	65.0	97.4
43	39.4	31.1	46.7



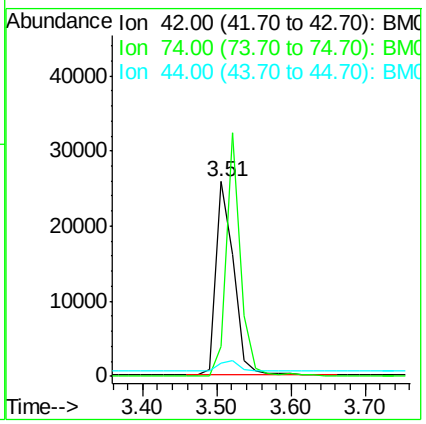


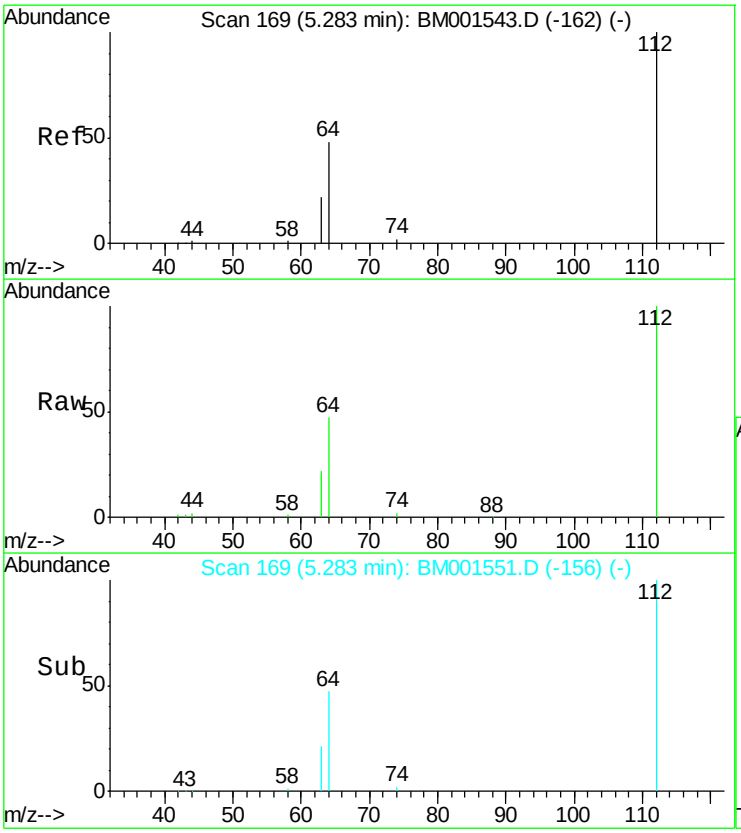
#3
n-Nitrosodimethylamine
Concen: 7.14 ng
RT: 3.51 min Scan# 54
Delta R.T. -0.02 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion: 42 Resp: 42032

Ion	Ratio	Lower	Upper
42	100		
74	102.9	82.0	123.0
44	5.9	5.8	8.6

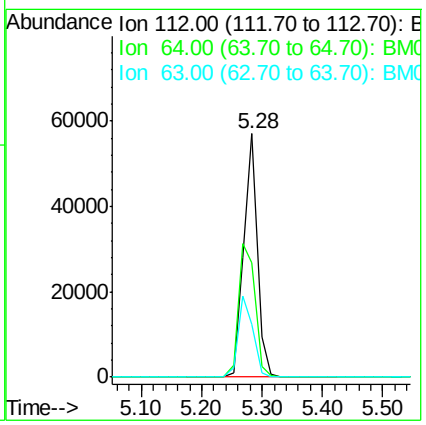


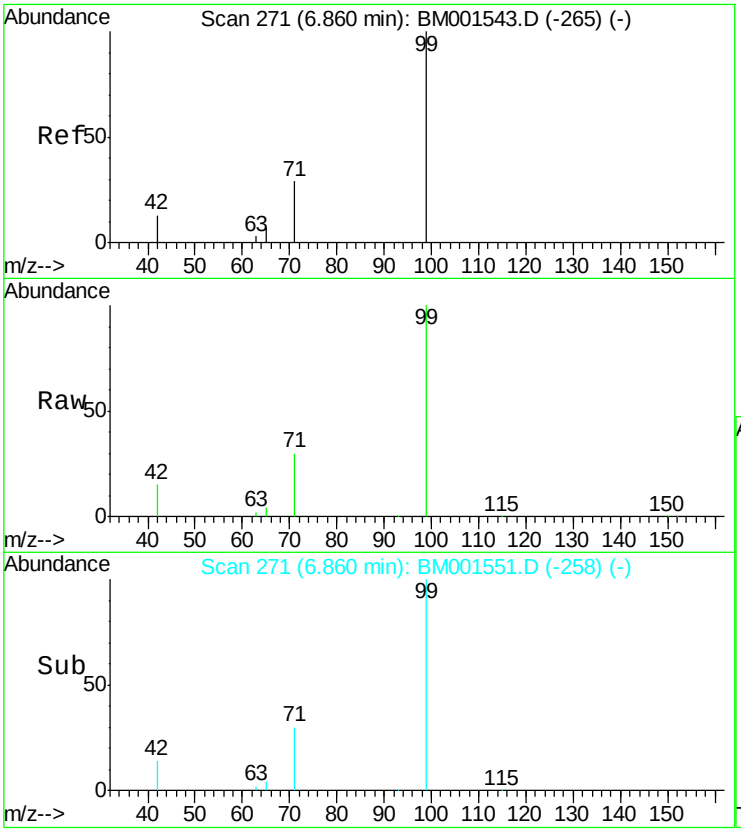


#4
2-Fluorophenol
Concen: 10.34 ng
RT: 5.28 min Scan# 169
Delta R.T. -0.00 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Tgt Ion:112 Resp: 89298

Ion	Ratio	Lower	Upper
112	100		
64	65.7	53.0	79.4
63	35.6	29.2	43.8



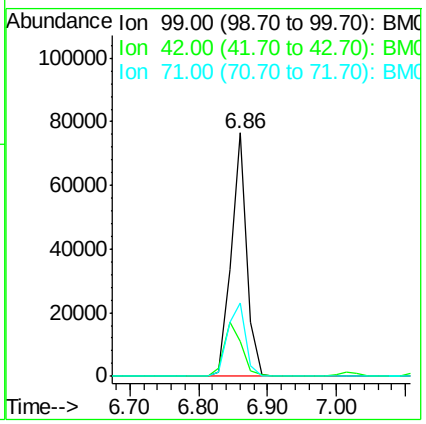


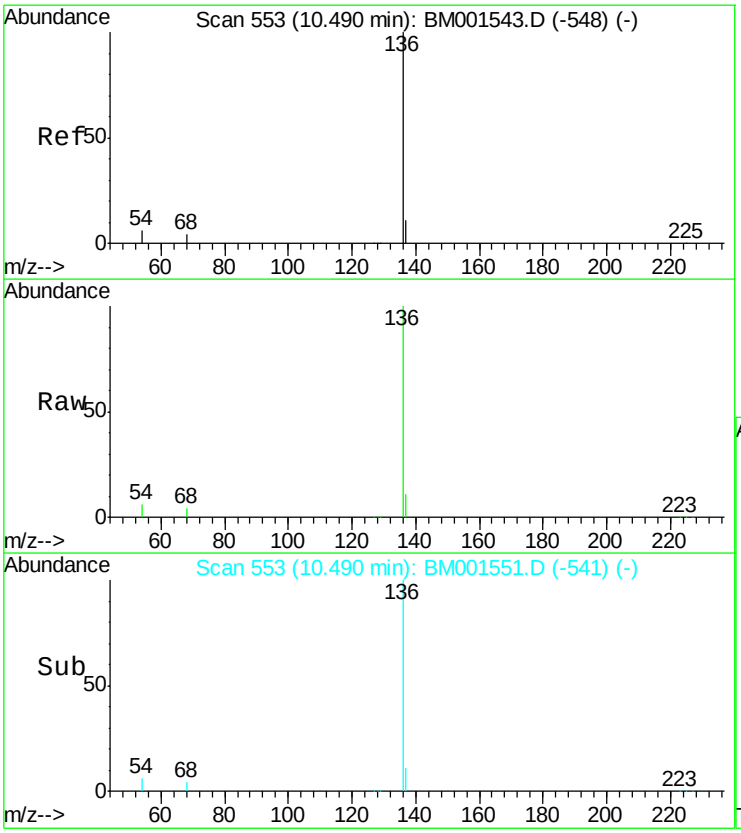
#5
Phenol-d6
Concen: 11.30 ng
RT: 6.86 min Scan# 271
Delta R.T. -0.00 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion: 99 Resp: 119808

Ion	Ratio	Lower	Upper
99	100		
42	24.9	20.9	31.3
71	34.6	28.5	42.7

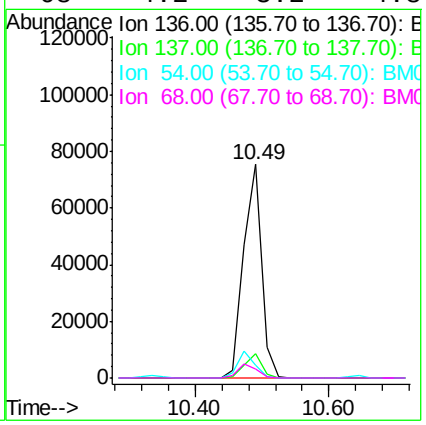


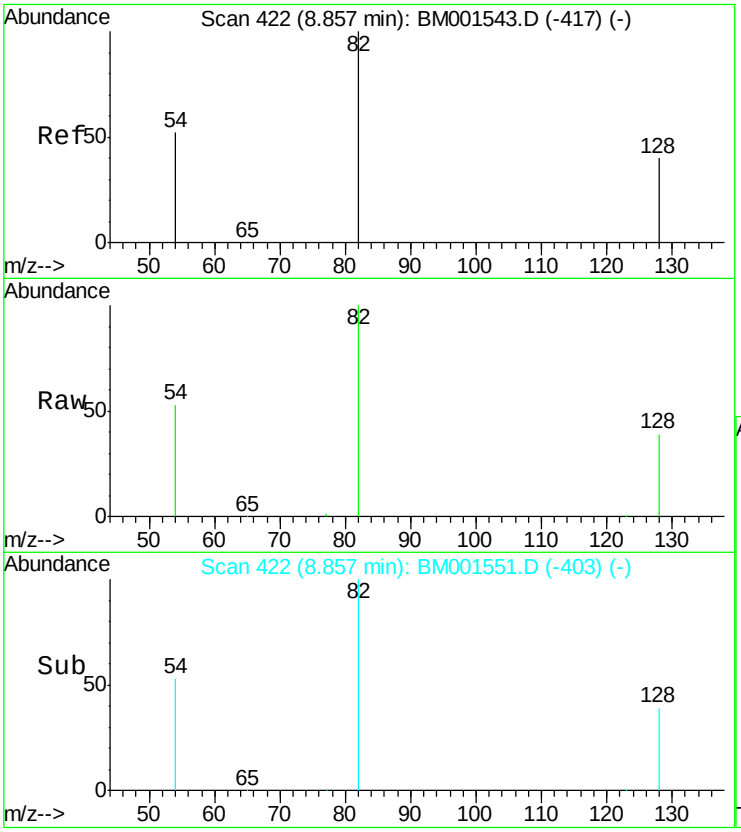


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.49 min Scan# 553
Delta R.T. -0.00 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Tgt Ion:136 Resp: 139905

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.2	4.6	6.8
68	4.2	3.2	4.8



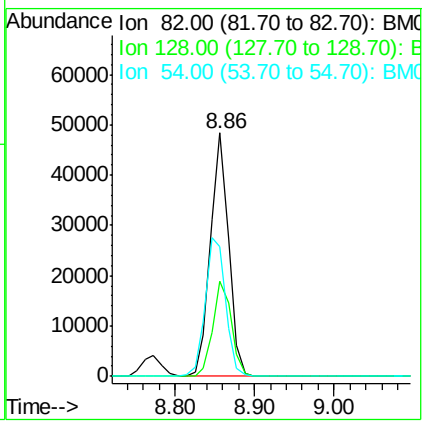


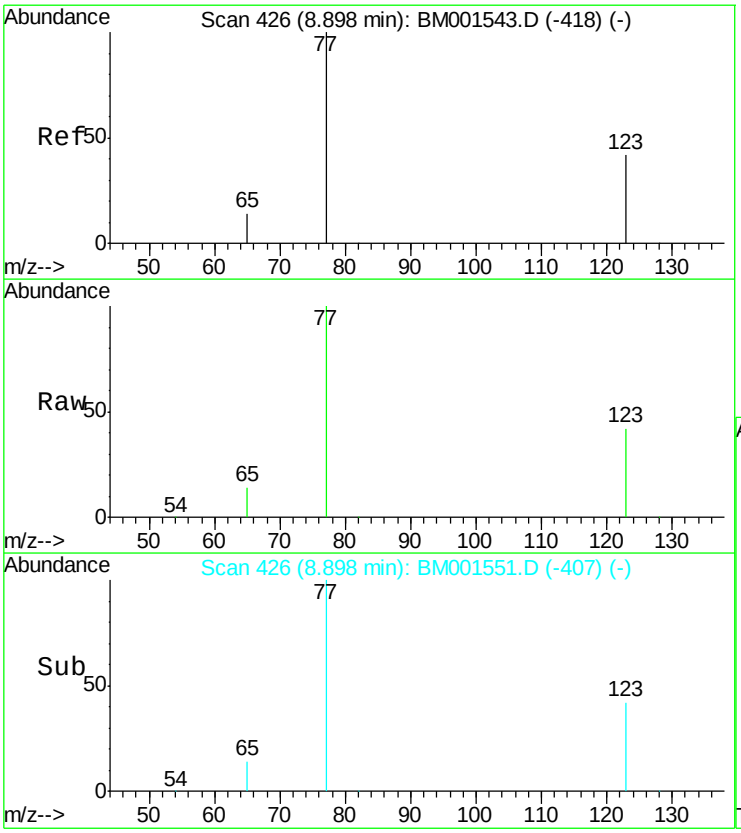
#7
Nitrobenzene-d5
Concen: 7.67 ng
RT: 8.86 min Scan# 422
Delta R.T. -0.00 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion: 82 Resp: 76421

Ion	Ratio	Lower	Upper
82	100		
128	38.8	32.3	48.5
54	53.3	43.0	64.4

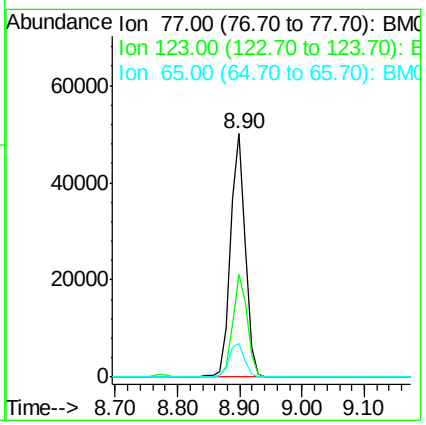


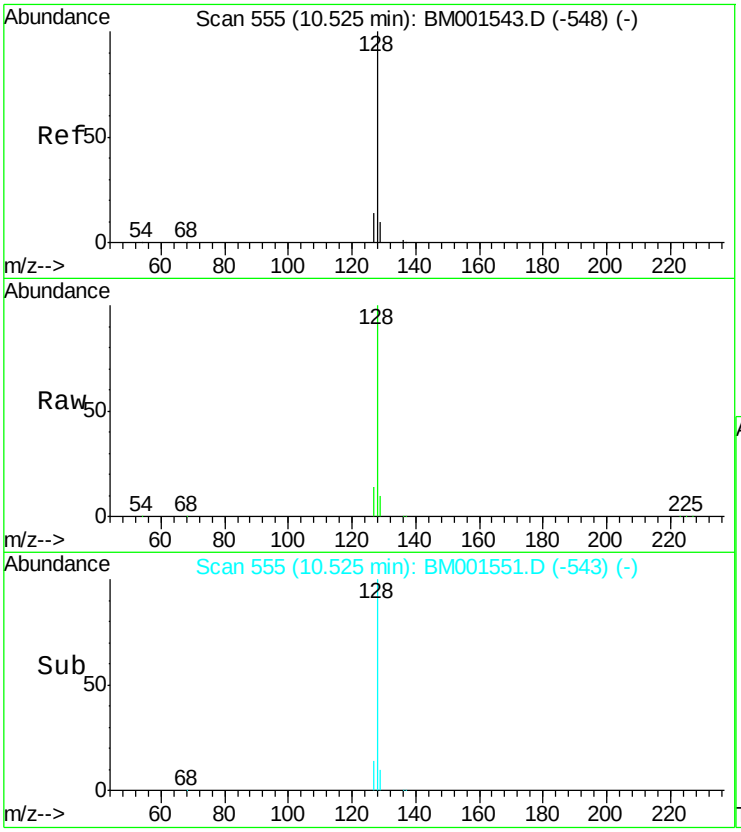


#8
Nitrobenzene
Concen: 7.84 ng
RT: 8.90 min Scan# 426
Delta R.T. -0.00 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Tgt Ion: 77 Resp: 82255

Ion	Ratio	Lower	Upper
77	100		
123	41.7	32.5	48.7
65	14.5	11.8	17.6



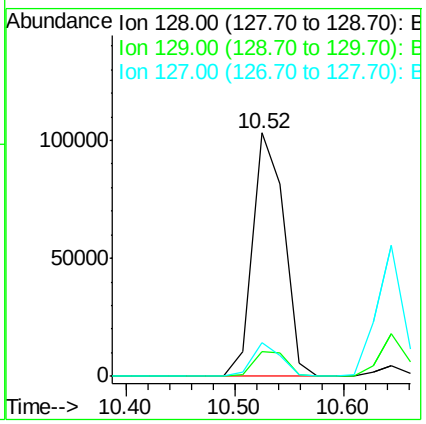


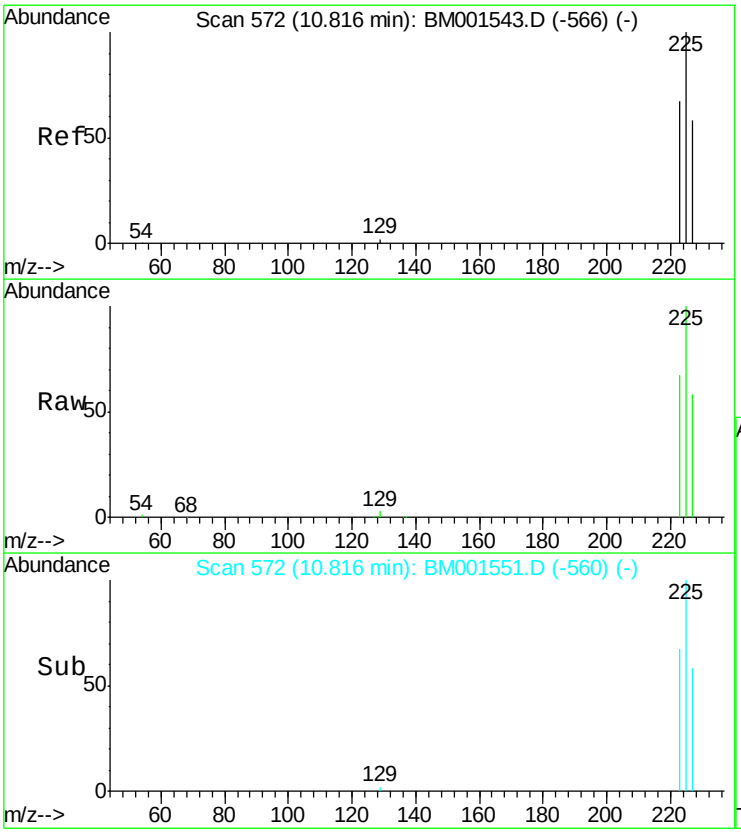
#9
Naphthalene
Concen: 7.03 ng
RT: 10.52 min Scan# 555
Delta R.T. -0.00 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:128 Resp: 207105

Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.5	12.7
127	14.0	11.7	17.5

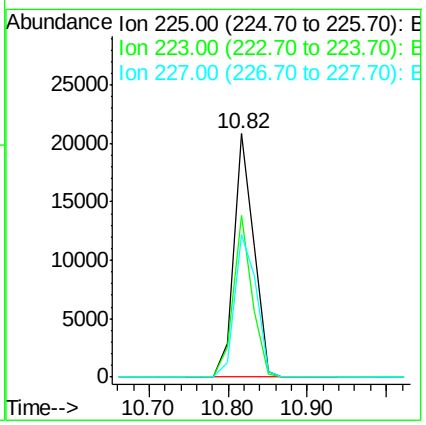


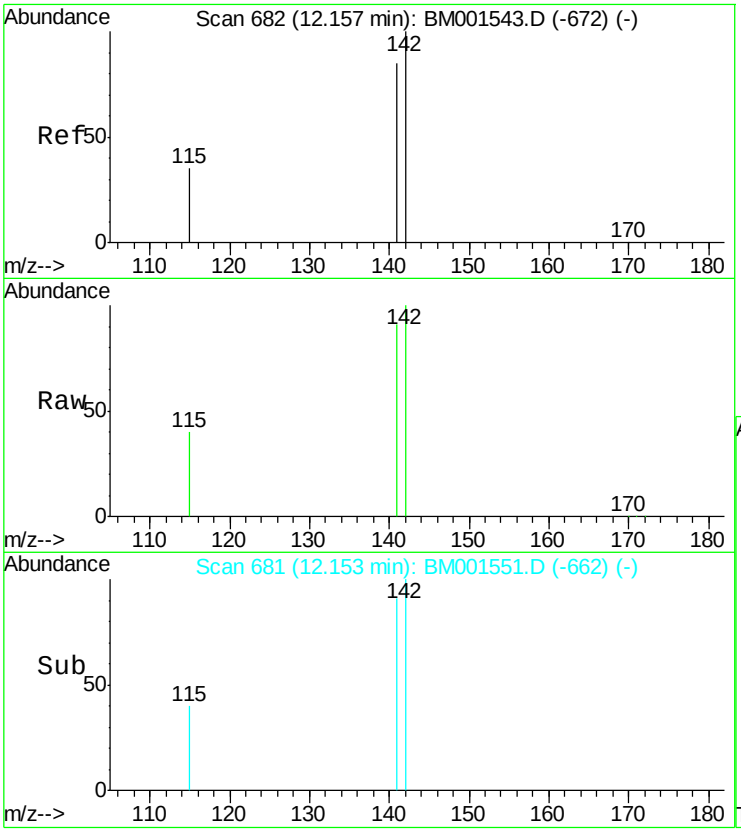


#10
Hexachlorobutadiene
Concen: 7.13 ng
RT: 10.82 min Scan# 572
Delta R.T. -0.00 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Tgt Ion:225 Resp: 36297

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	63.5	50.5	75.7



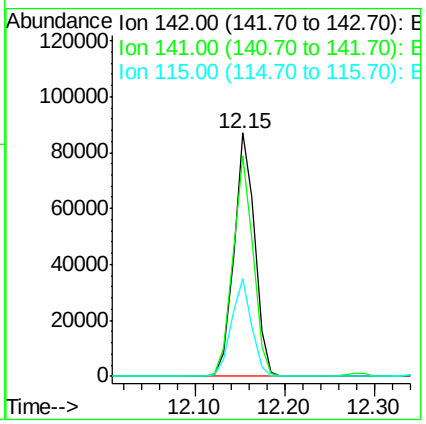


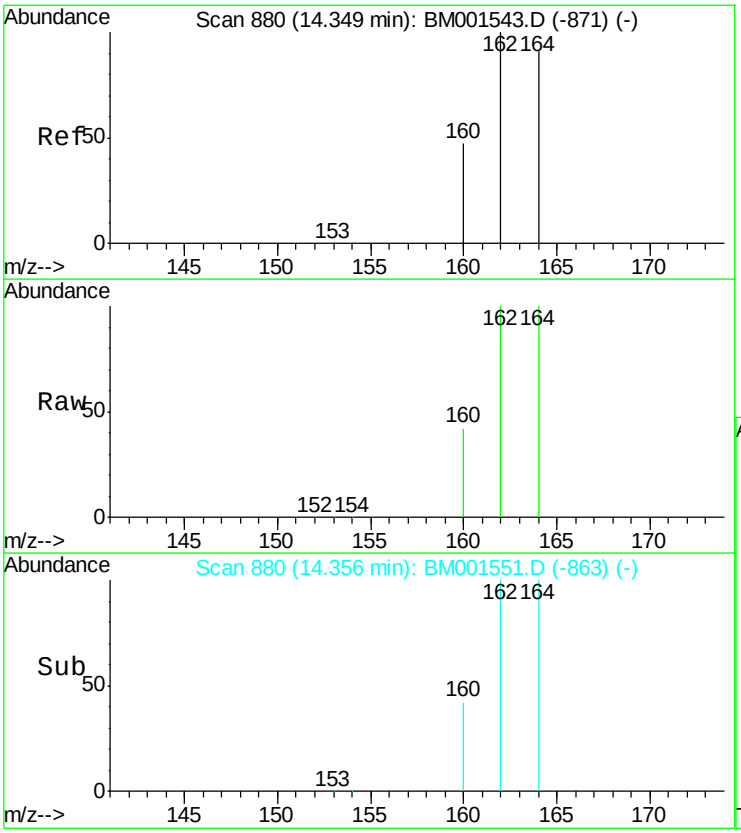
#11
2-Methylnaphthalene
Concen: 7.45 ng
RT: 12.15 min Scan# 681
Delta R.T. -0.00 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:142 Resp: 138061

Ion	Ratio	Lower	Upper
142	100		
141	90.5	68.1	102.1
115	39.9	28.3	42.5

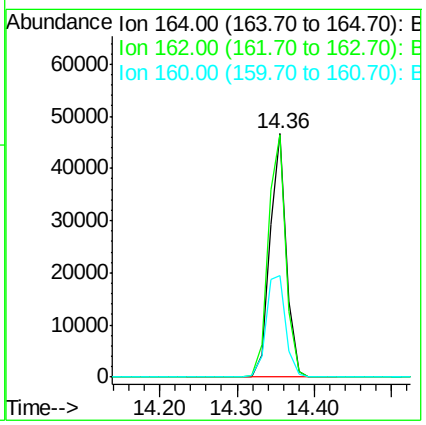


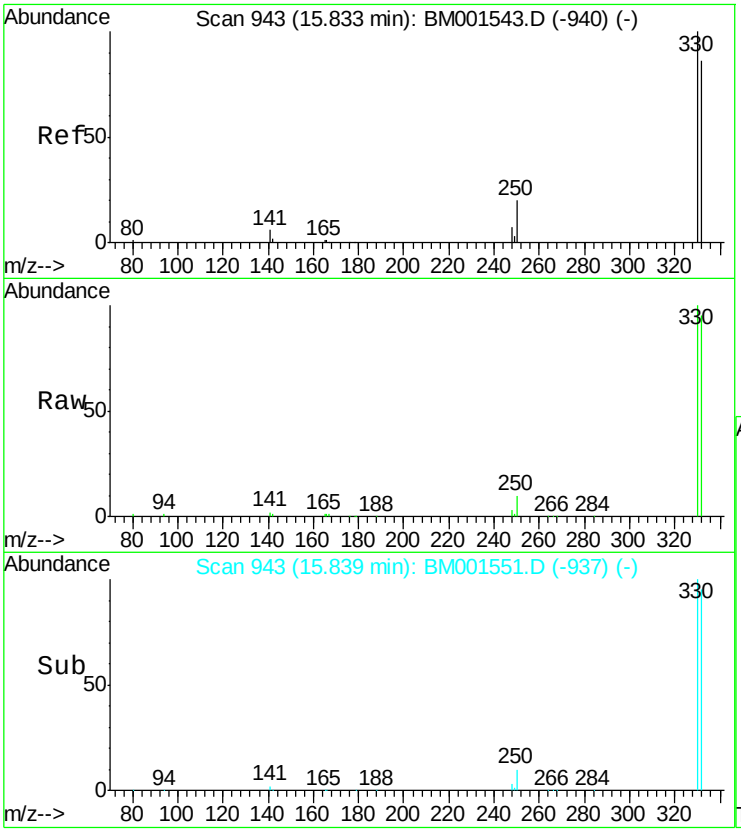


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.36 min Scan# 880
Delta R.T. 0.01 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Tgt Ion:164 Resp: 69369

Ion	Ratio	Lower	Upper
164	100		
162	99.8	88.0	132.0
160	41.7	41.0	61.4



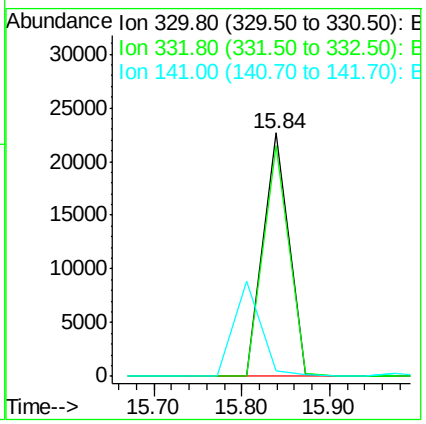


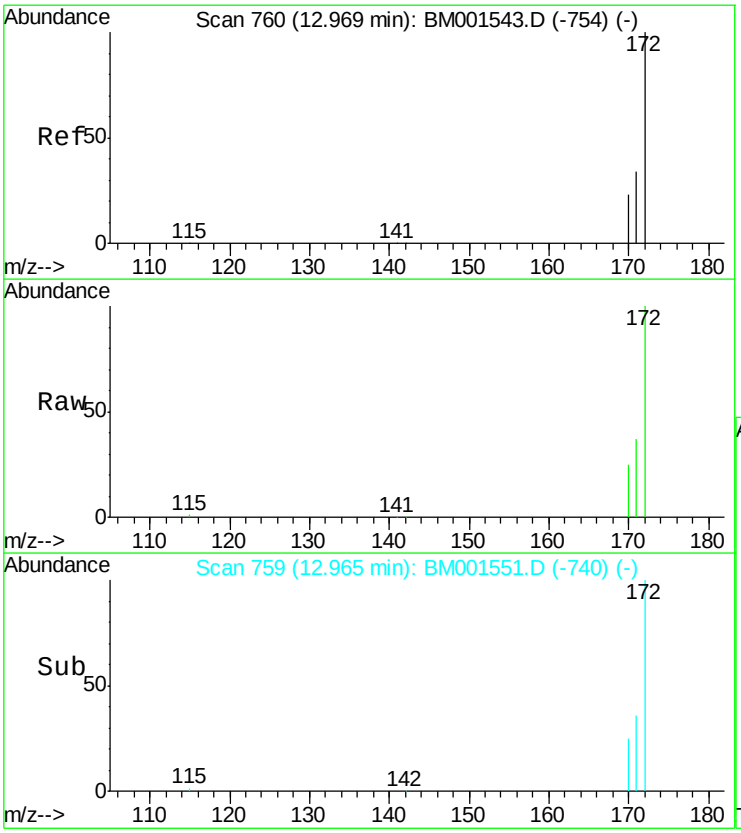
#13
2,4,6-Tribromophenol
Concen: 16.08 ng
RT: 15.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:330 Resp: 46587

Ion	Ratio	Lower	Upper
330	100		
332	94.8	69.6	104.4
141	0.0	0.0	0.0

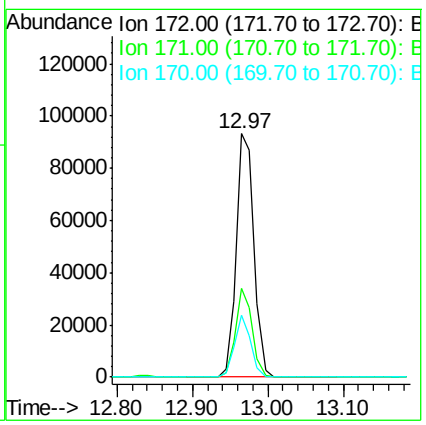


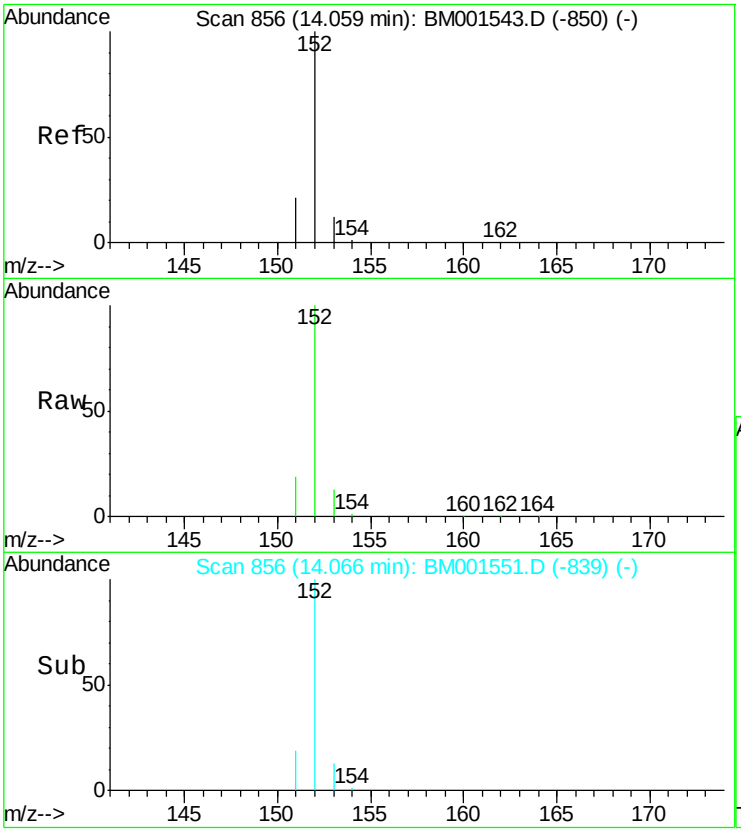


#14
2-Fluorobiphenyl
Concen: 7.37 ng
RT: 12.97 min Scan# 759
Delta R.T. -0.00 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Tgt Ion:172 Resp: 151875

Ion	Ratio	Lower	Upper
172	100		
171	36.5	27.6	41.4
170	25.4	18.4	27.6



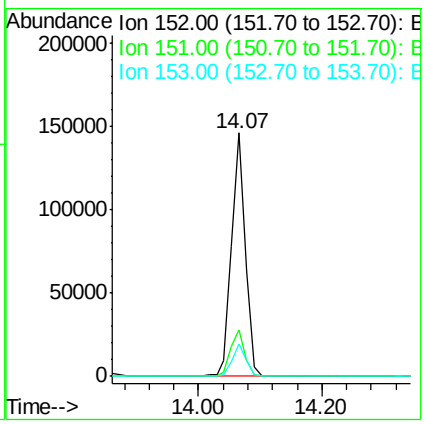


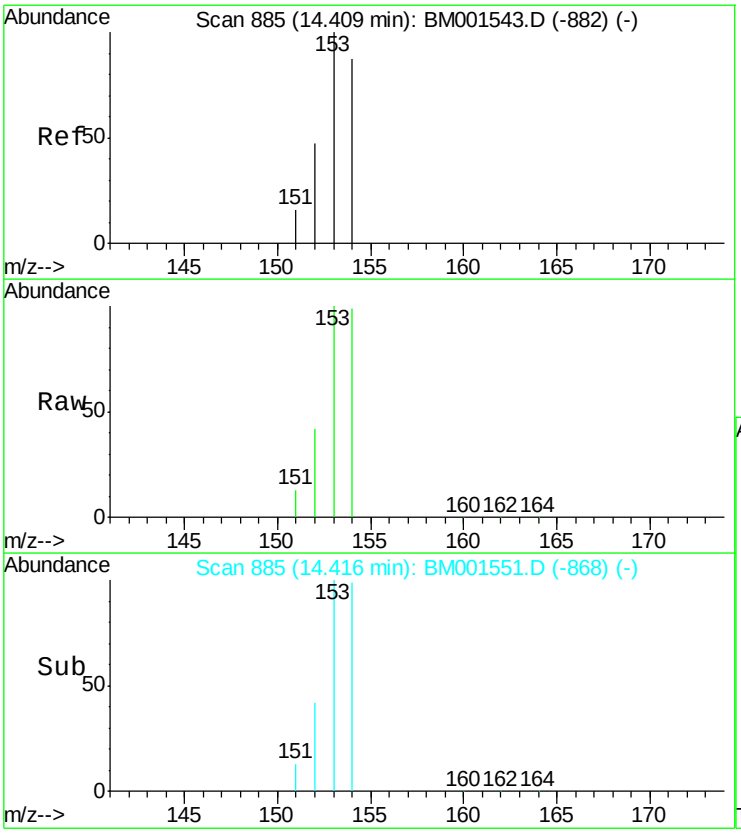
#15
Acenaphthylene
Concen: 7.29 ng
RT: 14.07 min Scan# 856
Delta R.T. 0.01 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:152 Resp: 220069

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

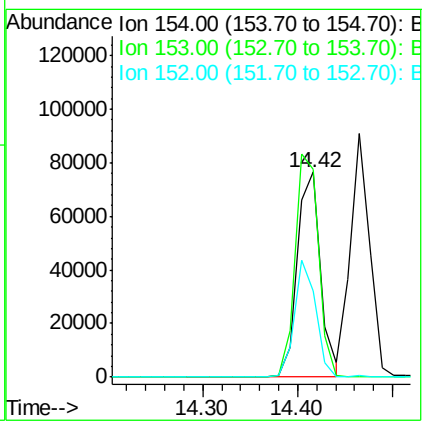


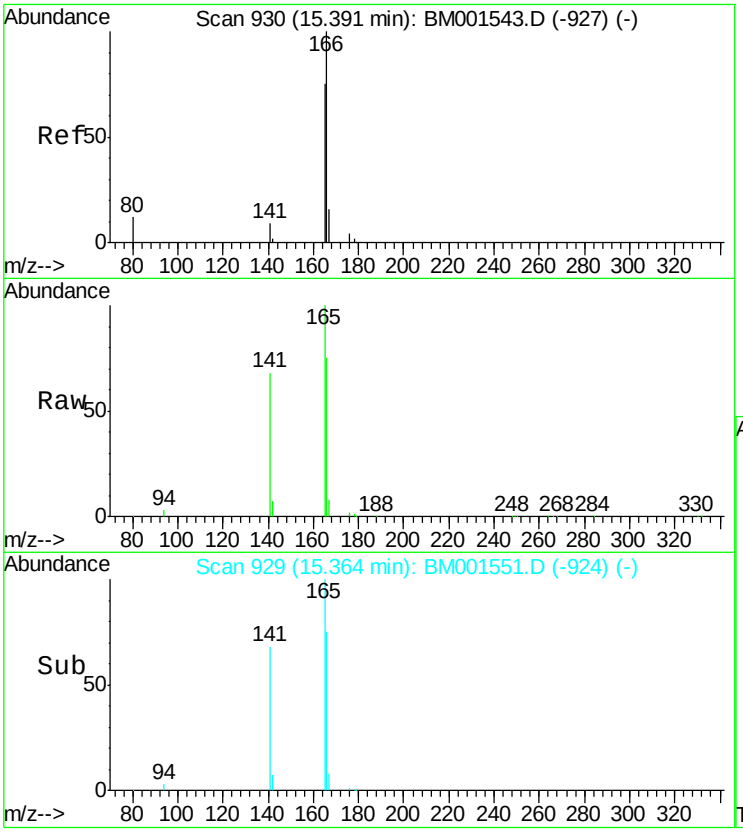


#16
Acenaphthene
Concen: 7.10 ng
RT: 14.42 min Scan# 885
Delta R.T. 0.01 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Tgt Ion:154 Resp: 129214

Ion	Ratio	Lower	Upper
154	100		
153	109.5	89.8	134.8
152	52.8	43.0	64.6



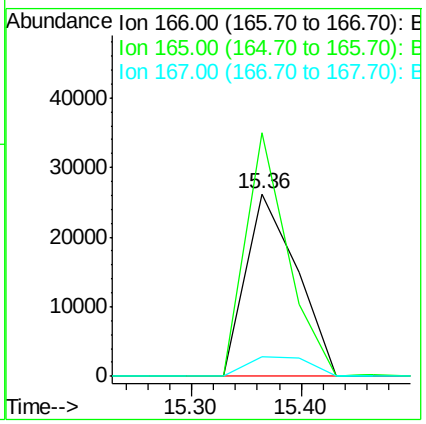


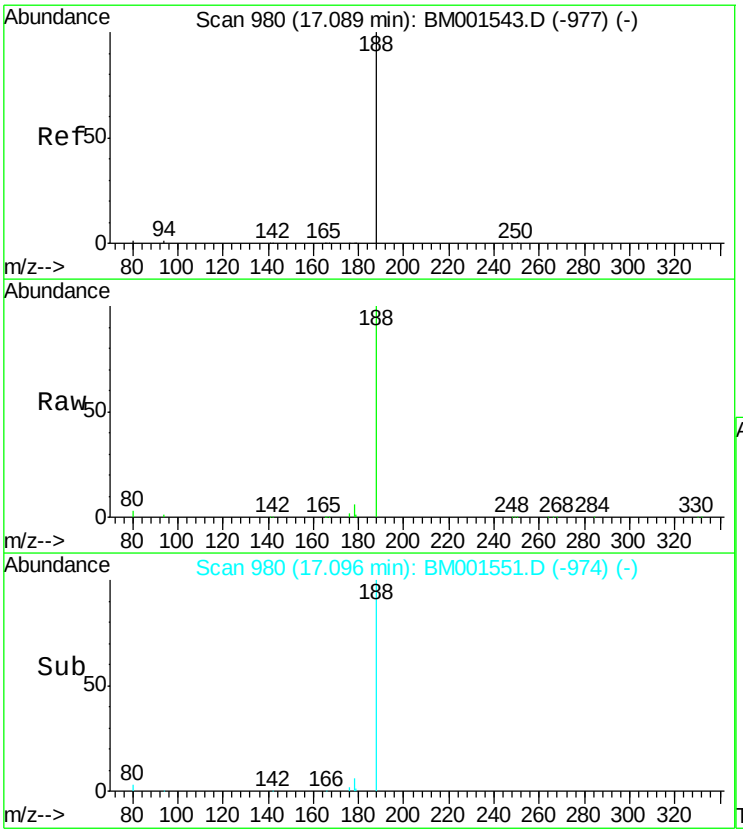
#17
Fluorene
Concen: 5.68 ng
RT: 15.36 min Scan# 929
Delta R.T. -0.03 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:166 Resp: 83799

Ion	Ratio	Lower	Upper
166	100		
165	109.9	68.2	102.2#
167	13.0	12.1	18.1

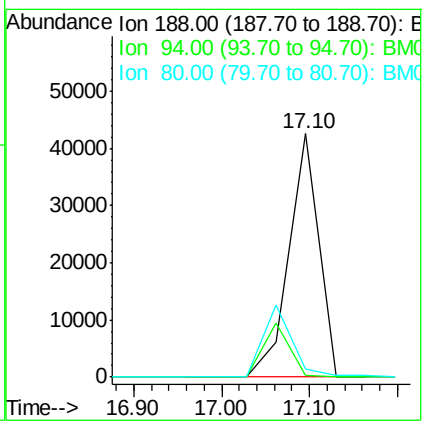


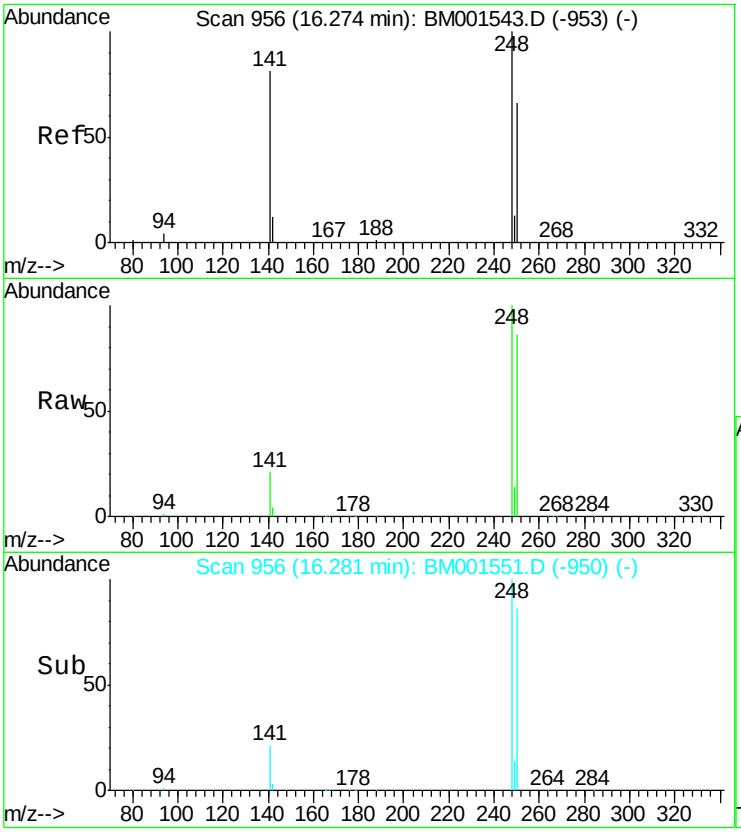


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.10 min Scan# 980
Delta R.T. 0.01 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Tgt Ion:188 Resp: 99253

Ion	Ratio	Lower	Upper
188	100		
94	0.6	1.0	1.4#
80	3.2	0.8	1.2#



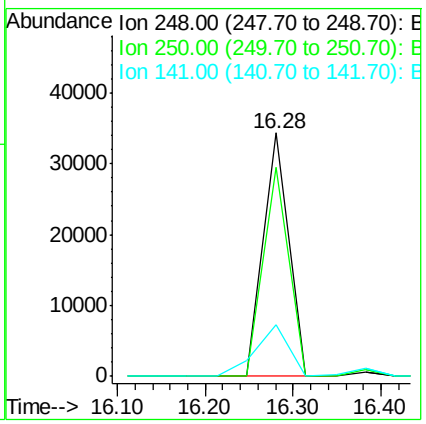


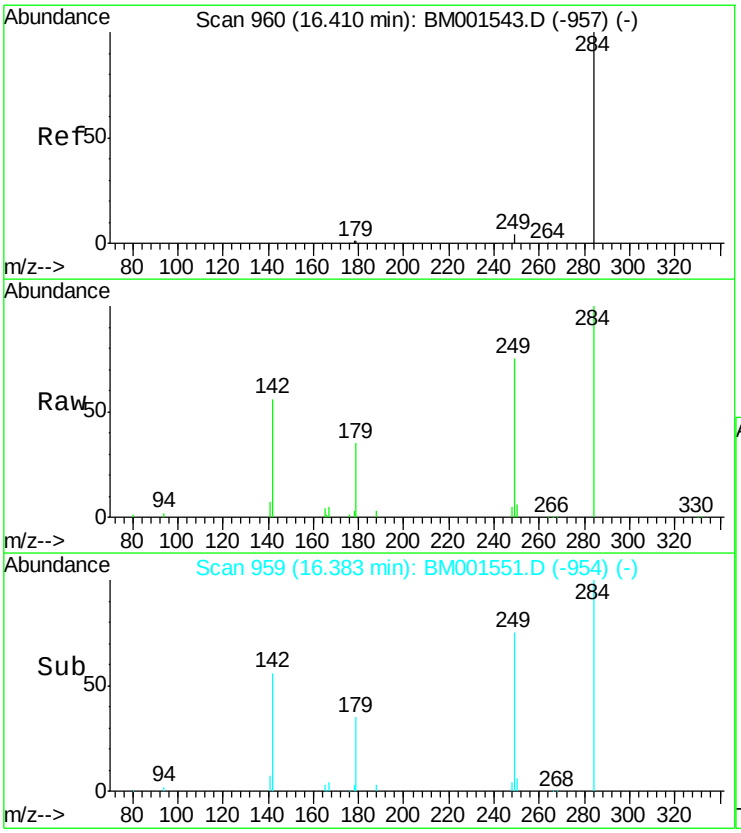
#19
4-Bromophenyl-phenylether
Concen: 18.02 ng
RT: 16.28 min Scan# 956
Delta R.T. 0.01 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:248 Resp: 70020

Ion	Ratio	Lower	Upper
248	100		
250	86.2	55.2	82.8#
141	27.7	64.7	97.1#

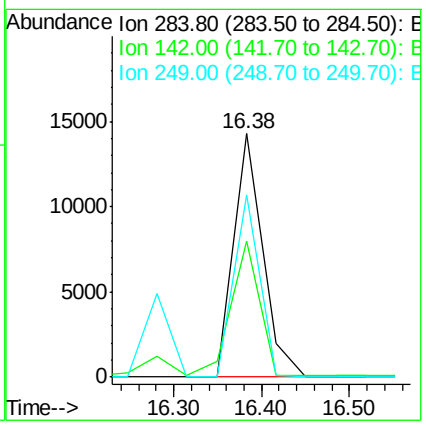


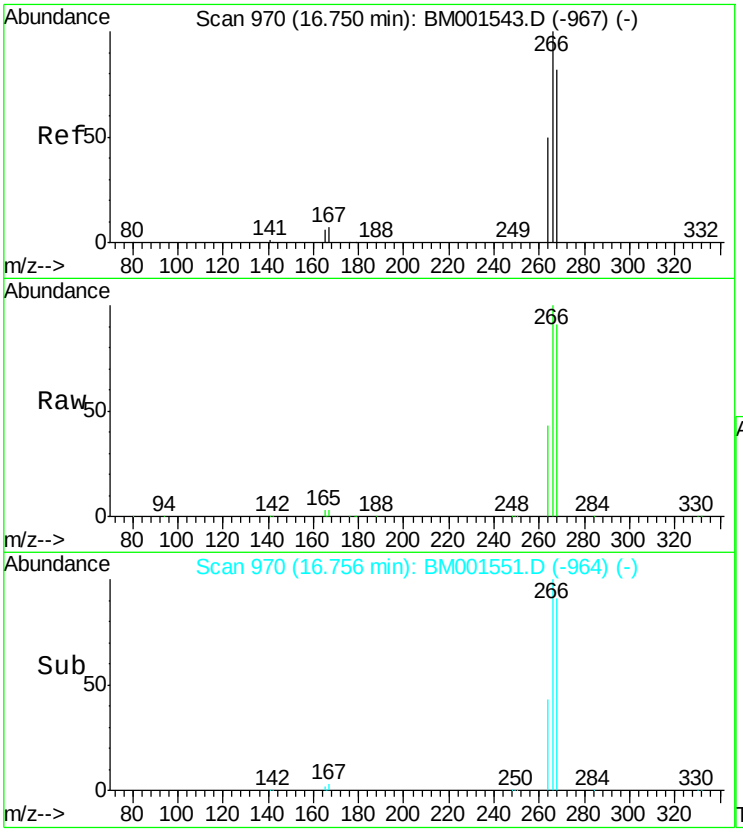


#20
Hexachlorobenzene
Concen: 15.96 ng
RT: 16.38 min Scan# 959
Delta R.T. -0.03 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Tgt Ion:284 Resp: 32930

Ion	Ratio	Lower	Upper
284	100		
142	54.6	0.0	0.0#
249	66.0	0.0	0.0#



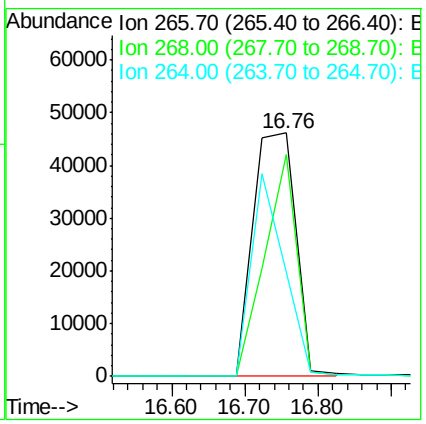


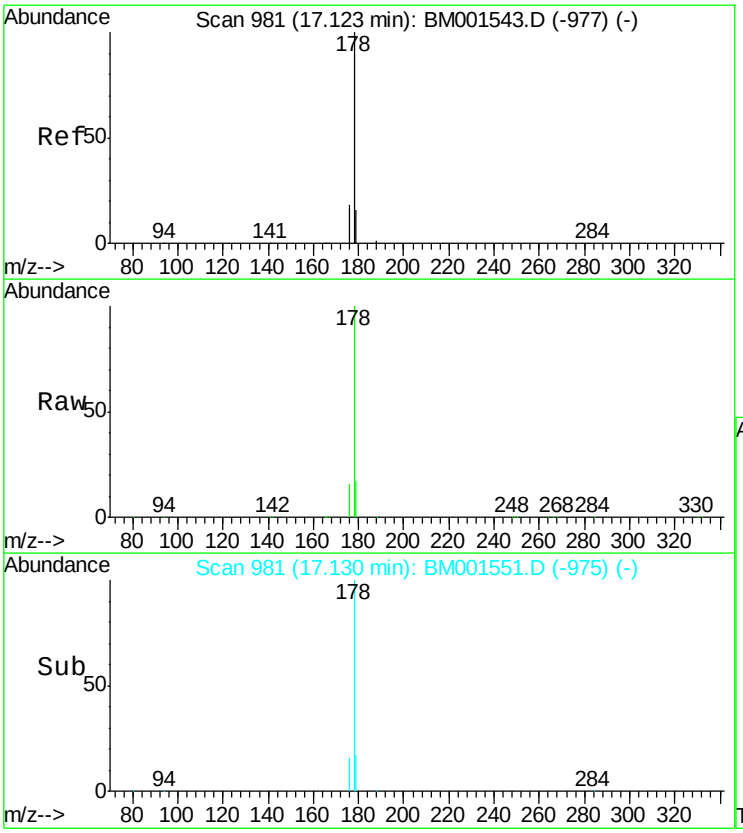
#21
Pentachlorophenol
Concen: 165.97 ng
RT: 16.76 min Scan# 970
Delta R.T. 0.01 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:266 Resp: 189647

Ion	Ratio	Lower	Upper
266	100		
268	90.9	67.2	100.8
264	42.8	43.7	65.5#

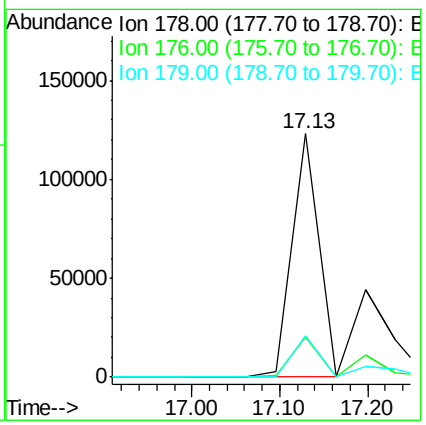


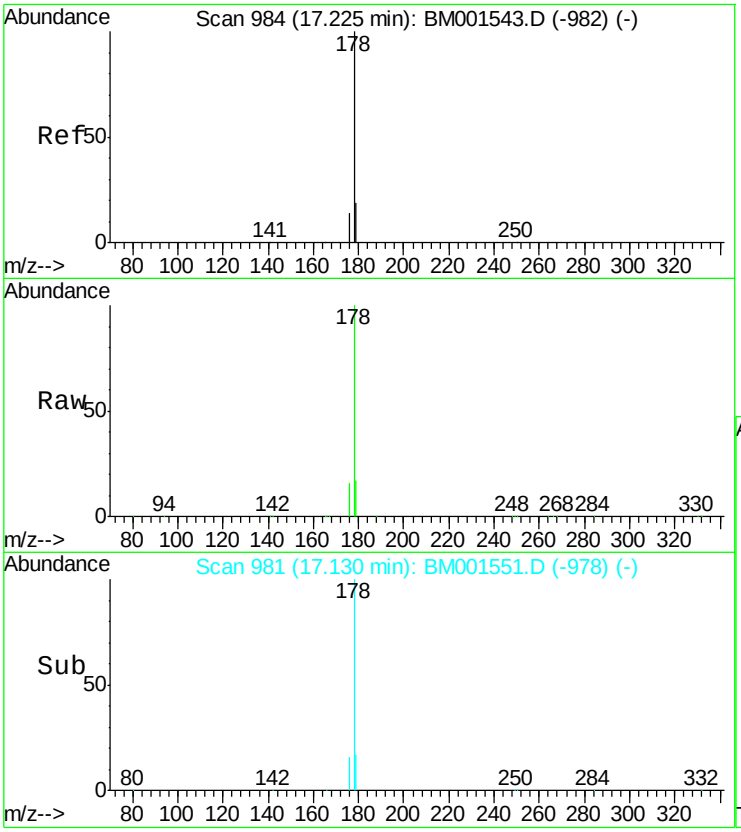


#22
Phenanthrene
Concen: 8.90 ng
RT: 17.13 min Scan# 981
Delta R.T. 0.01 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Tgt Ion:178 Resp: 256697

Ion	Ratio	Lower	Upper
178	100		
176	16.7	14.7	22.1
179	16.6	12.7	19.1



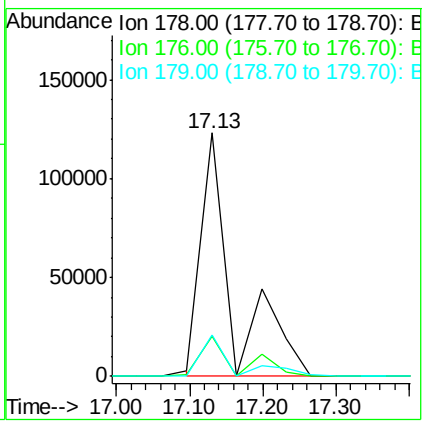


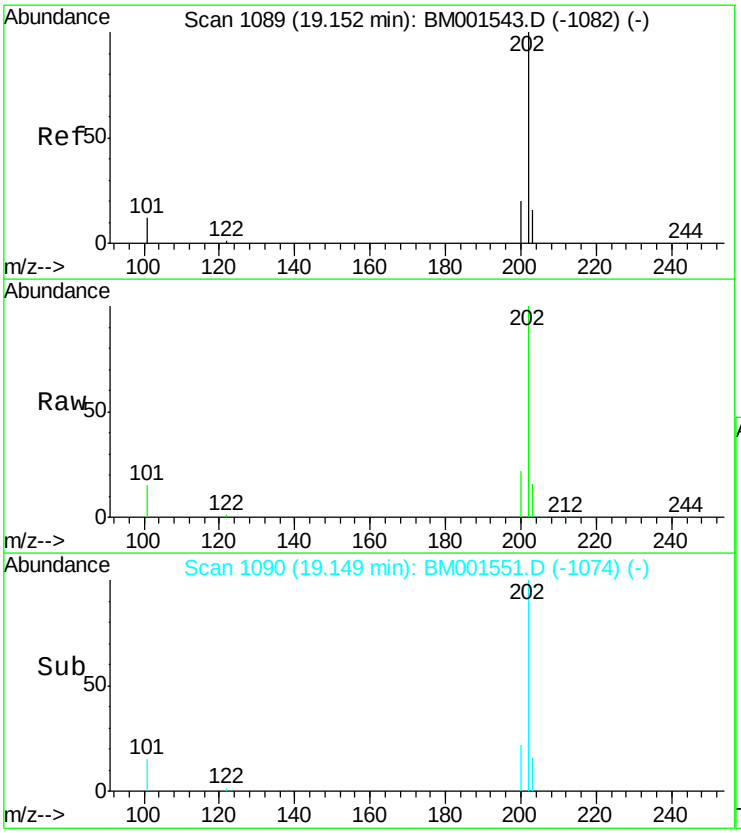
#23
Anthracene
Concen: 28.71 ng
RT: 17.13 min Scan# 981
Delta R.T. -0.10 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:178 Resp: 379199

Ion	Ratio	Lower	Upper
178	100		
176	18.0	36.6	54.8#
179	16.1	28.7	43.1#

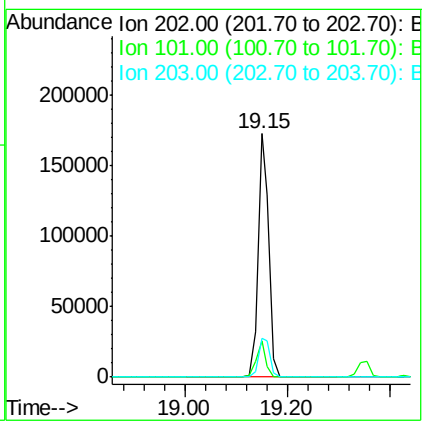


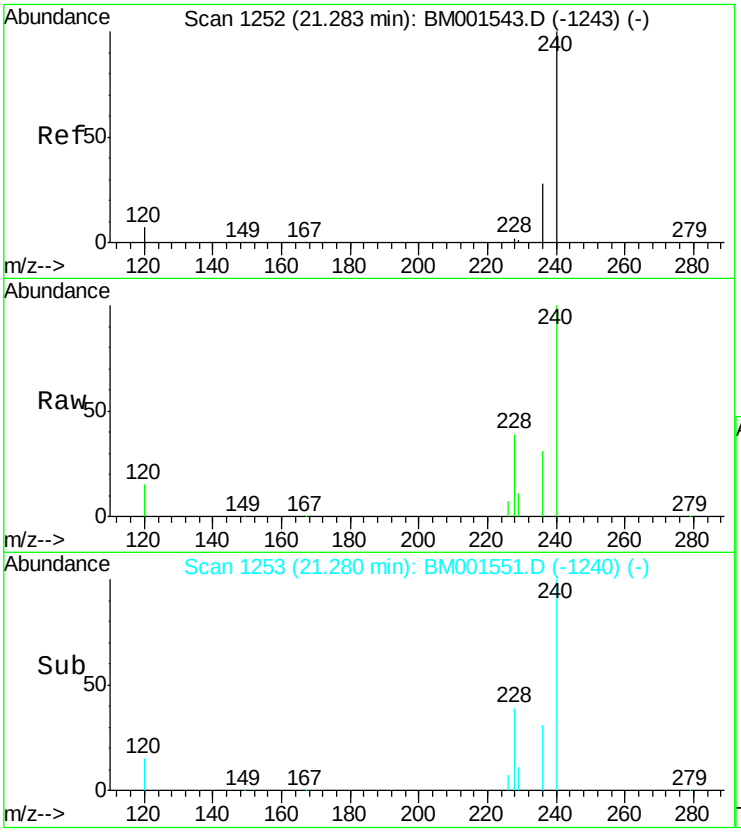


#24
Fluoranthene
Concen: 12.43 ng
RT: 19.15 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Tgt Ion:202 Resp: 253817

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.2	15.2
203	17.5	13.8	20.8



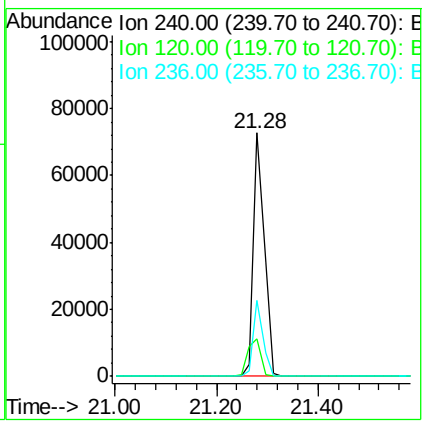


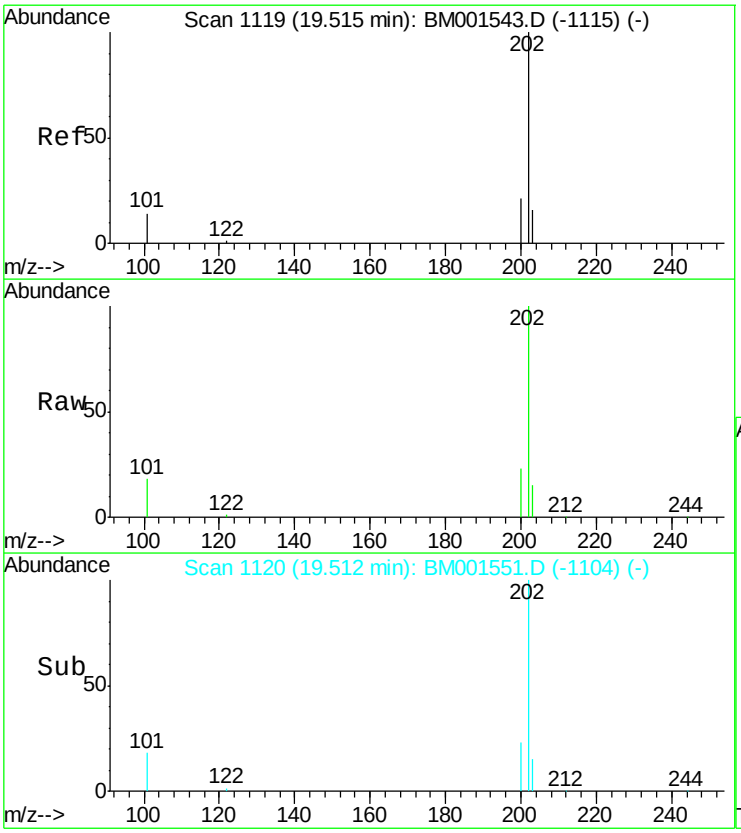
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:240 Resp: 103688

Ion	Ratio	Lower	Upper
240	100		
120	15.3	5.6	8.4#
236	31.0	22.4	33.6

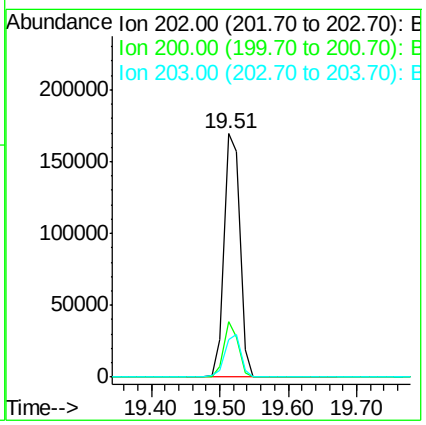


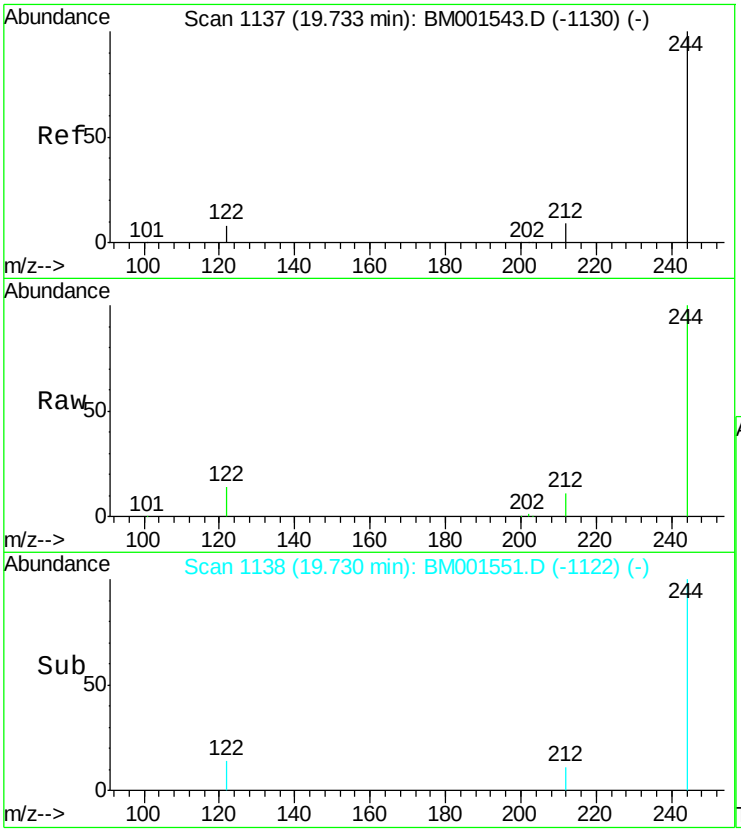


#26
Pyrene
Concen: 8.52 ng
RT: 19.51 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Tgt Ion:202 Resp: 272058

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.8	13.8	20.8



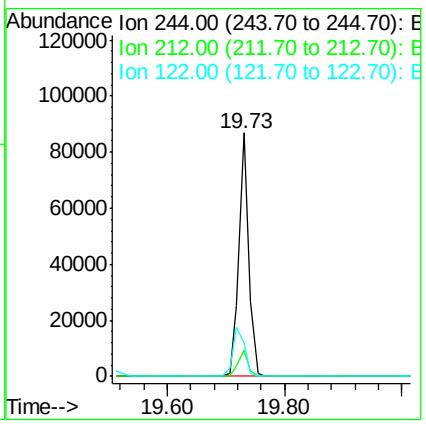


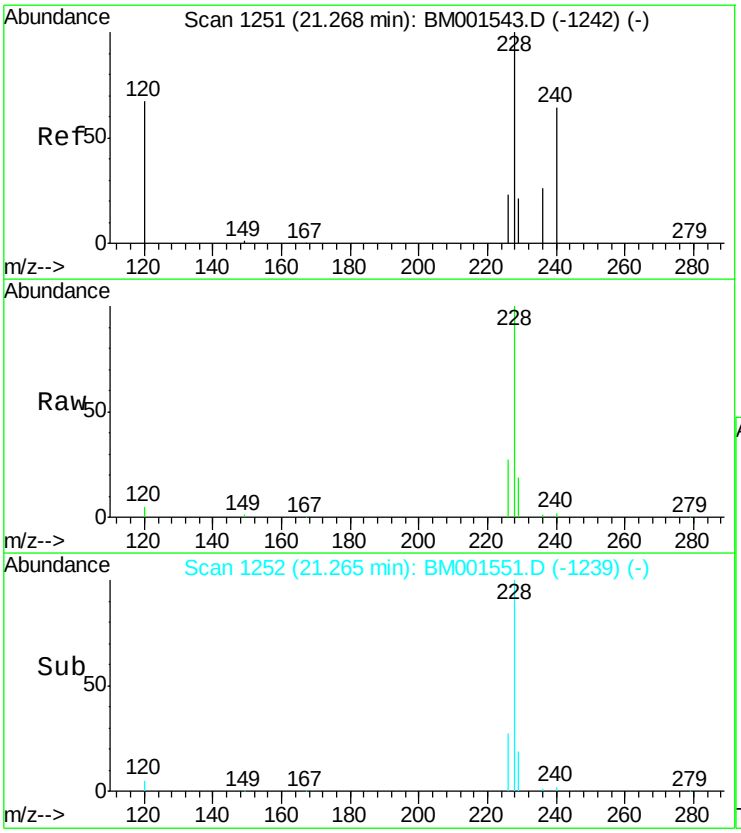
#27
Terphenyl-d14
Concen: 7.98 ng
RT: 19.73 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:244 Resp: 102292

Ion	Ratio	Lower	Upper
244	100		
212	10.6	8.0	12.0
122	13.7	7.3	10.9#

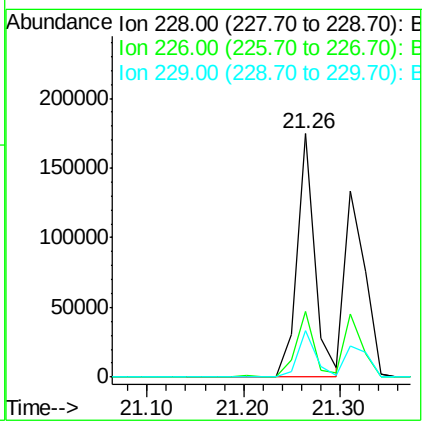


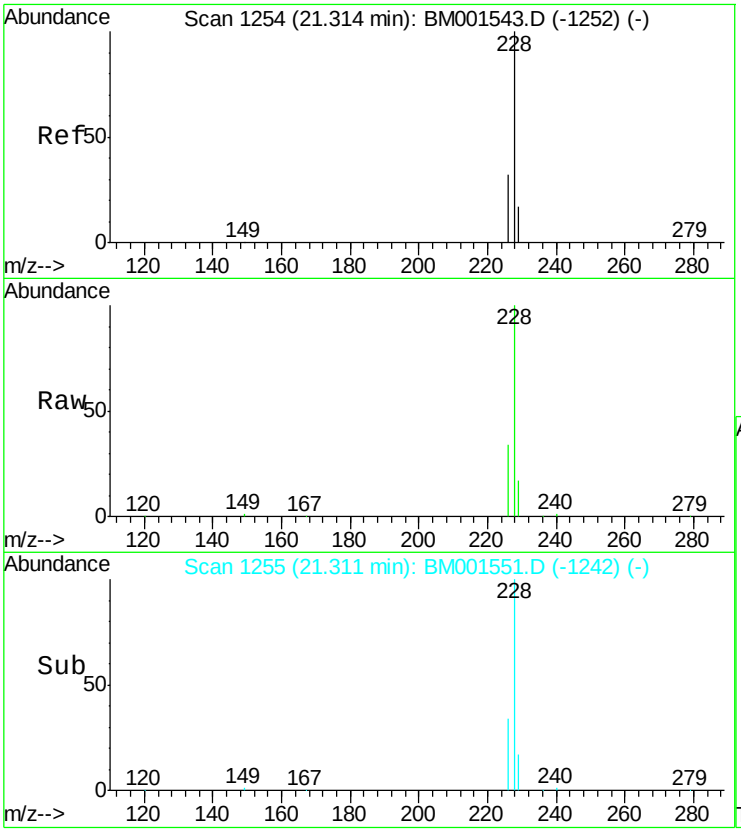


#28
Benzo(a)anthracene
Concen: 7.71 ng
RT: 21.26 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Tgt Ion:228 Resp: 223668

Ion	Ratio	Lower	Upper
228	100		
226	26.8	19.0	28.4
229	19.0	16.9	25.3



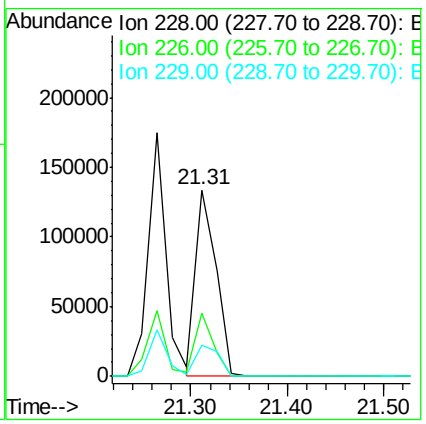


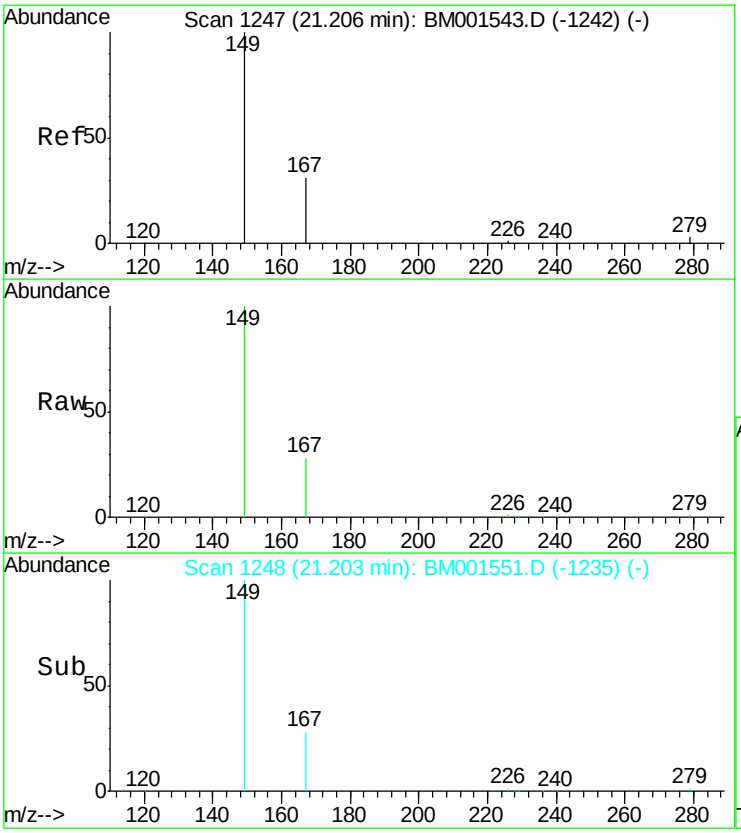
#29
Chrysene
Concen: 7.55 ng
RT: 21.31 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:228 Resp: 195634

Ion	Ratio	Lower	Upper
228	100		
226	33.9	25.2	37.8
229	16.7	14.7	22.1

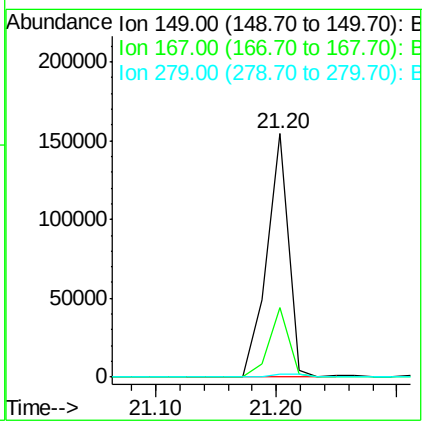


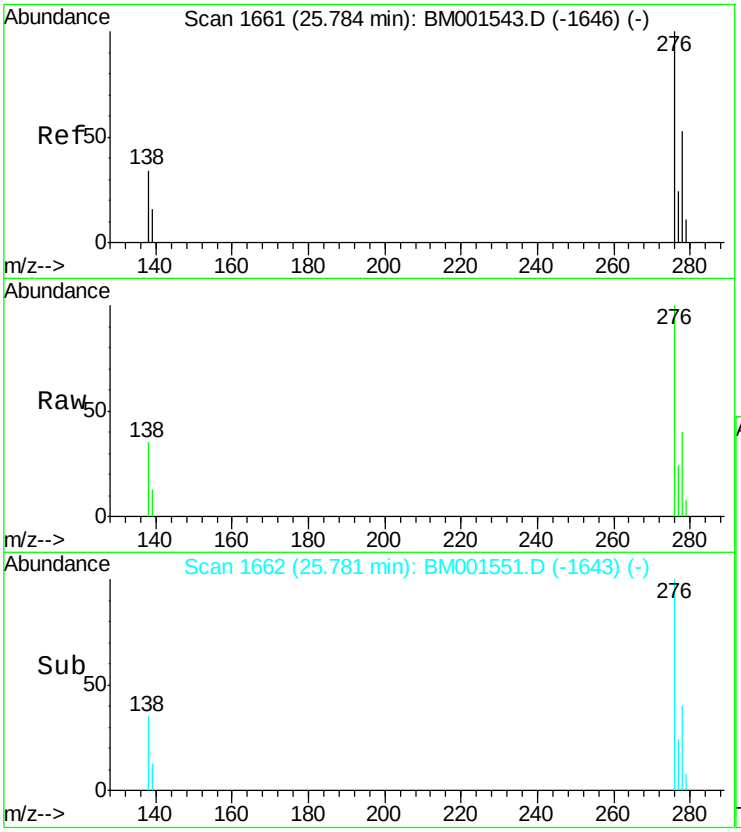


#30
Bis(2-ethylhexyl)phthalate
Concen: 9.12 ng
RT: 21.20 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Tgt Ion:149 Resp: 193069

Ion	Ratio	Lower	Upper
149	100		
167	26.1	20.5	30.7
279	2.0	1.7	2.5



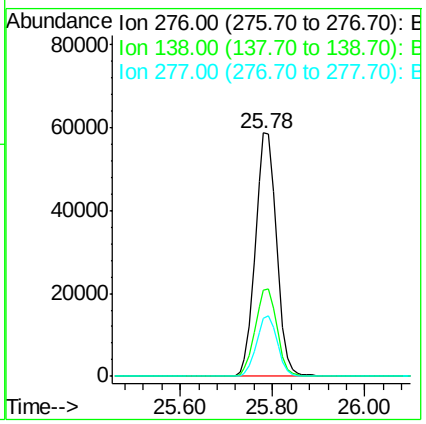


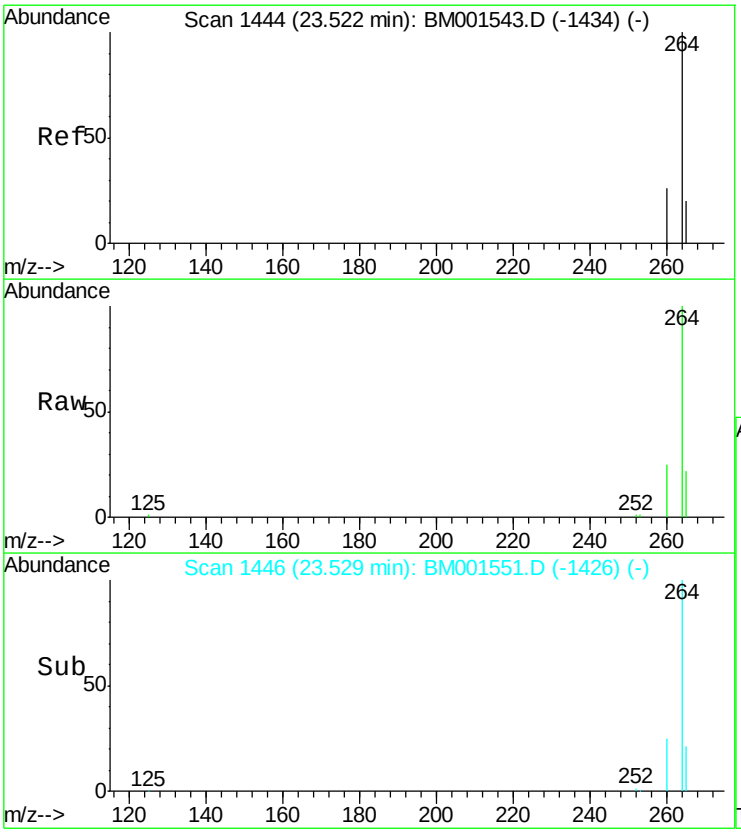
#31
Indeno(1,2,3-cd)pyrene
Concen: 6.54 ng
RT: 25.78 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:276 Resp: 186962

Ion	Ratio	Lower	Upper
276	100		
138	36.8	28.3	42.5
277	24.7	19.6	29.4

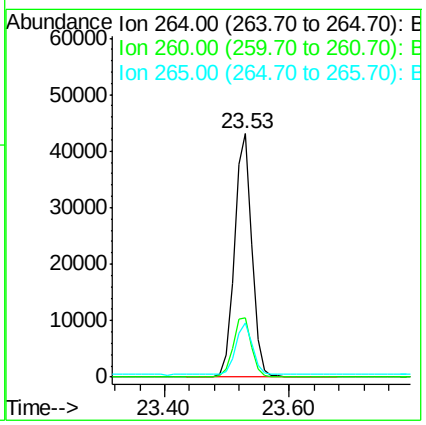


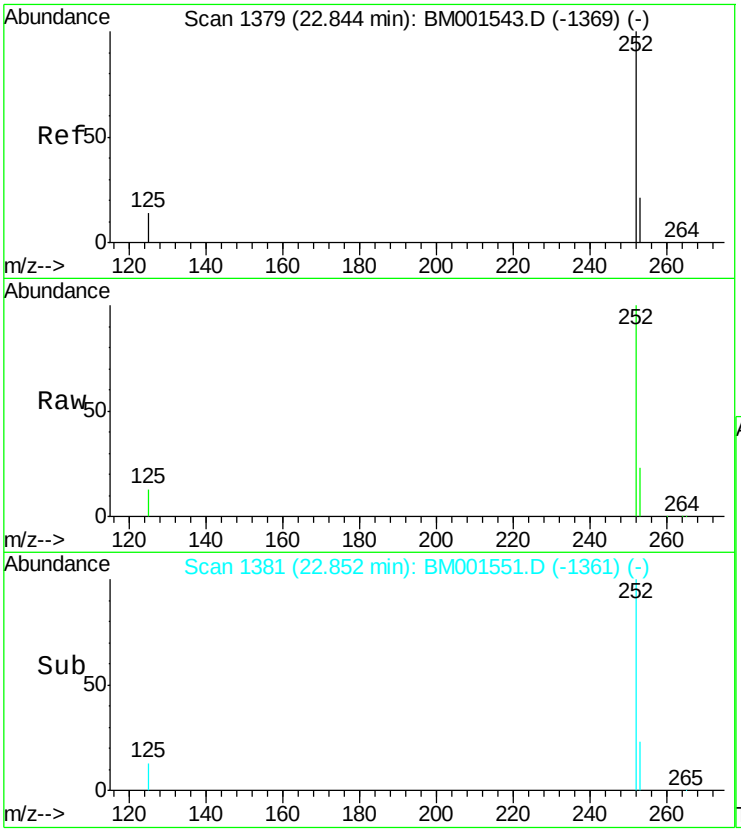


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.53 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Tgt Ion:264 Resp: 83663

Ion	Ratio	Lower	Upper
264	100		
260	24.6	21.1	31.7
265	22.4	17.1	25.7



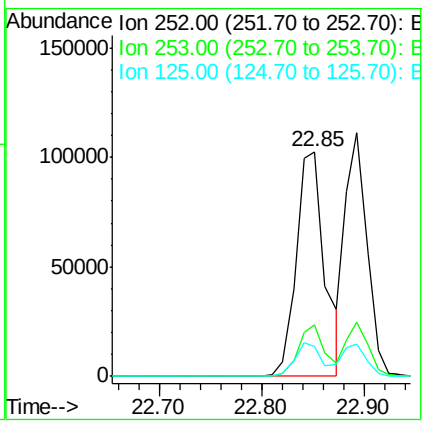


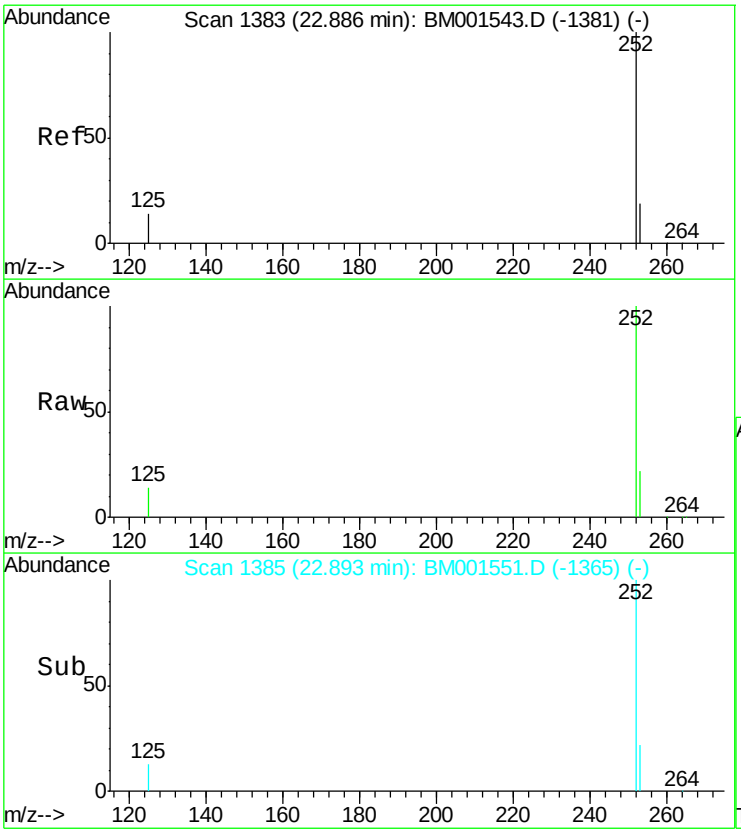
#33
Benzo(b)fluoranthene
Concen: 8.63 ng
RT: 22.85 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:252 Resp: 200520

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	13.1	12.5	18.7

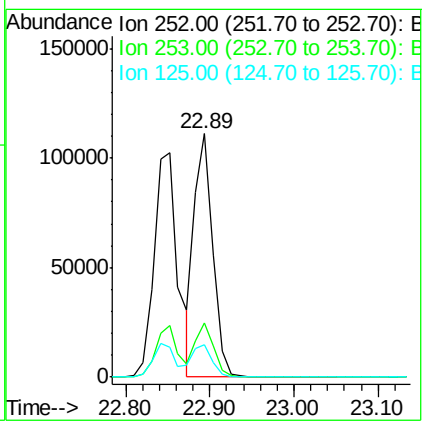


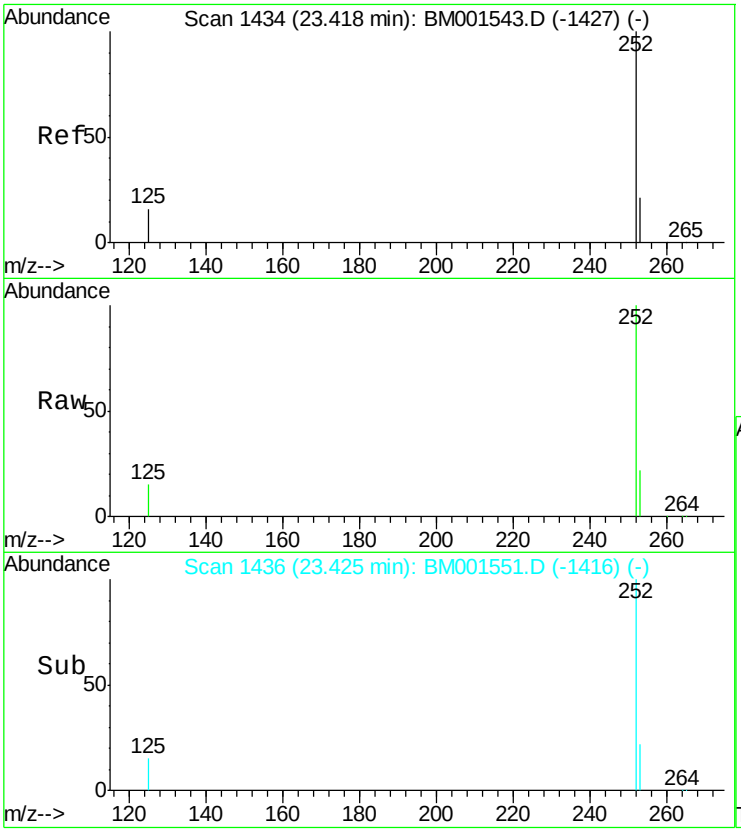


#34
Benzo(k)fluoranthene
Concen: 7.68 ng
RT: 22.89 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Tgt Ion:252 Resp: 165832

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	13.5	12.5	18.7



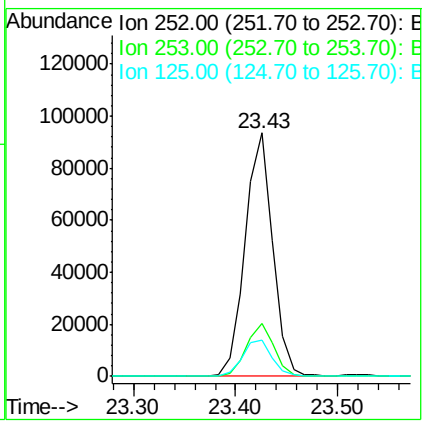


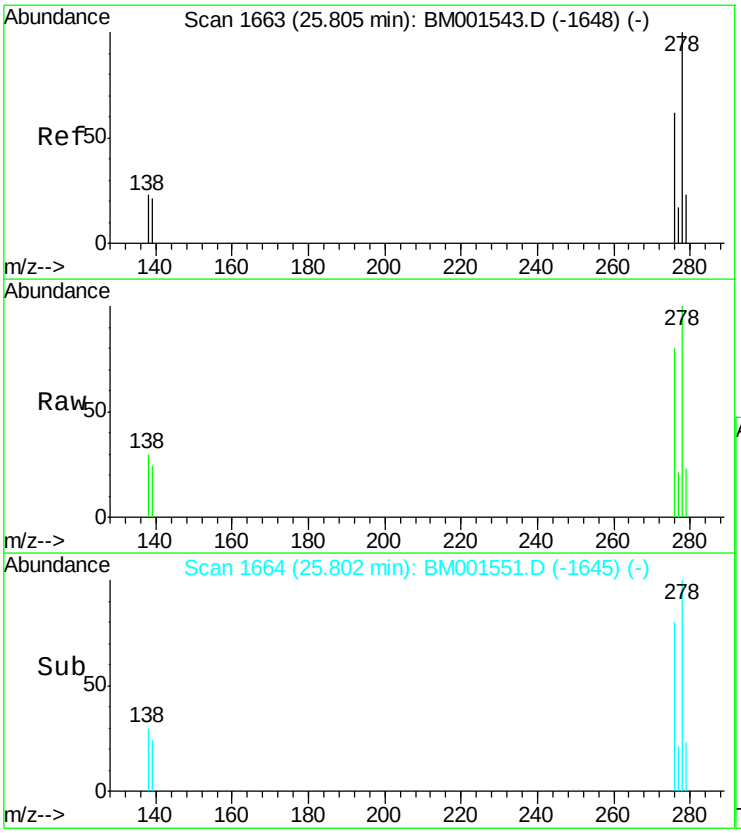
#35
Benzo(a)pyrene
Concen: 8.30 ng
RT: 23.43 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:252 Resp: 174369

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	14.9	14.3	21.5

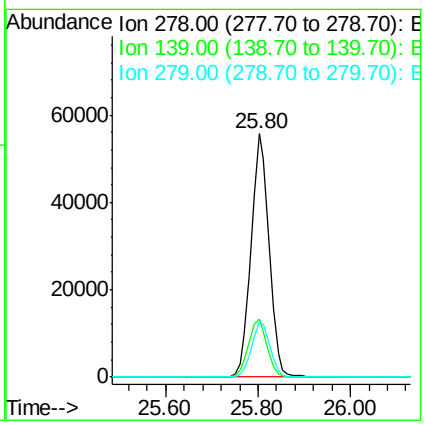


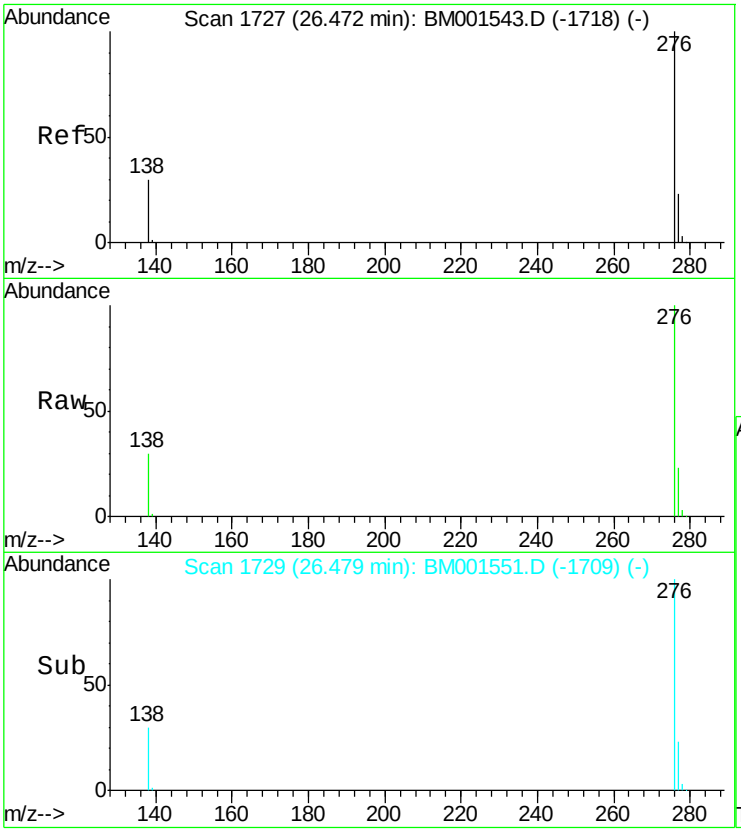


#36
Dibenzo(a,h)anthracene
Concen: 7.75 ng
RT: 25.80 min Scan# 1664
Delta R.T. -0.00 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Tgt Ion:278 Resp: 151260

Ion	Ratio	Lower	Upper
278	100		
139	24.1	18.0	27.0
279	23.0	19.8	29.8





#37
Benzo(g,h,i)perylene
Concen: 7.54 ng
RT: 26.48 min Scan# 1729
Delta R.T. 0.01 min
Lab File: BM001551.D
Acq: 04 Jun 2015 04:19

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:276 Resp: 154723

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.3	28.9
138	30.5	25.0	37.6