Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM101515\
Data File : BM002910.D
Acq On : 15 Oct 2015 12:12
Operator : UM/IZ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.8

Quant Time: Oct 15 13:03:43 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM101515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:17:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	86738	5.00	ng		0.00
7) Naphthalene-d8	11.50	136	358235	5.00	ng		0.00
13) Acenaphthene-d10	15.23	164	191564	5.00	ng		0.00
19) Phenanthrene-d10	17.95	188	447491	5.00	ng		0.00
26) Chrysene-d12	22.04	240	410423	5.00	ng		0.00
35) Perylene-d12	24.61	264	367951	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	6.15	112	11428	0.62	ng		-0.02
5) Phenol-d6	7.80	99	15876	0.69	ng		0.00
8) Nitrobenzene-d5	9.86	82	13072	0.73	ng		-0.02
14) 2,4,6-Tribromophenol	16.72	330	4404	0.69	ng		0.00
15) 2-Fluorobiphenyl	13.89	172	47413	0.82	ng		0.00
29) Terphenyl-d14	20.48	244	48158	0.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.77	88	5979	0.69	ng		98
3) n-Nitrosodimethylamine	4.17	42	4828	0.71	ng	#	98
6) bis(2-Chloroethyl)ether	8.06	93	14963	0.66	ng		95
9) Nitrobenzene	9.92	77	13715	0.72	ng		99
10) Naphthalene	11.56	128	60944	0.77	ng		99
11) Hexachlorobutadiene	11.81	225	9861	0.78	ng		100
12) 2-Methylnaphthalene	13.13	142	41221	0.78	ng		100
16) Acenaphthylene	14.96	152	63507	0.78	ng		99
17) Acenaphthene	15.30	154	43149	0.82	ng	#	100
18) Fluorene	16.27	166	52968	0.82	ng		98
20) 4-Bromophenyl-phenylether	17.13	248	14701	0.69	ng	#	52
21) Hexachlorobenzene	17.26	284	16595	0.63	ng	#	79
22) Pentachlorophenol	17.64	266	1032	0.42	ng		96
23) Phenanthrene	17.98	178	80083	0.61	ng	#	82
24) Anthracene	18.08	178	76346	0.69	ng		98
25) Fluoranthene	19.97	202	88877	0.61	ng		100
27) Benzidine	20.12	184	33602	0.60	ng		98
28) Pyrene	20.33	202	92719	0.84	ng		100
30) Benzo(a)anthracene	22.02	228	94304	0.80	ng		93
31) 3,3'-Dichlorobenzidine	21.93	252	29484	0.65	ng	#	86
32) Chrysene	22.08	228	83358	0.76	ng		93
33) Bis(2-ethylhexyl)phthalate	21.85	149	51844	0.72	ng	#	90
34) Indeno(1,2,3-cd)pyrene	27.32	276	86088	0.65	ng		100
36) Benzo(b)fluoranthene	23.82	252	81531	0.77	ng		98
37) Benzo(k)fluoranthene	23.86	252	79165	0.78	ng		98
38) Benzo(a)pyrene	24.50	252	71109	0.73	ng		99
39) Dibenzo(a,h)anthracene	27.32	278	68369	0.72	ng		98
40) Benzo(g,h,i)perylene	28.16	276	71679	0.74	ng		98

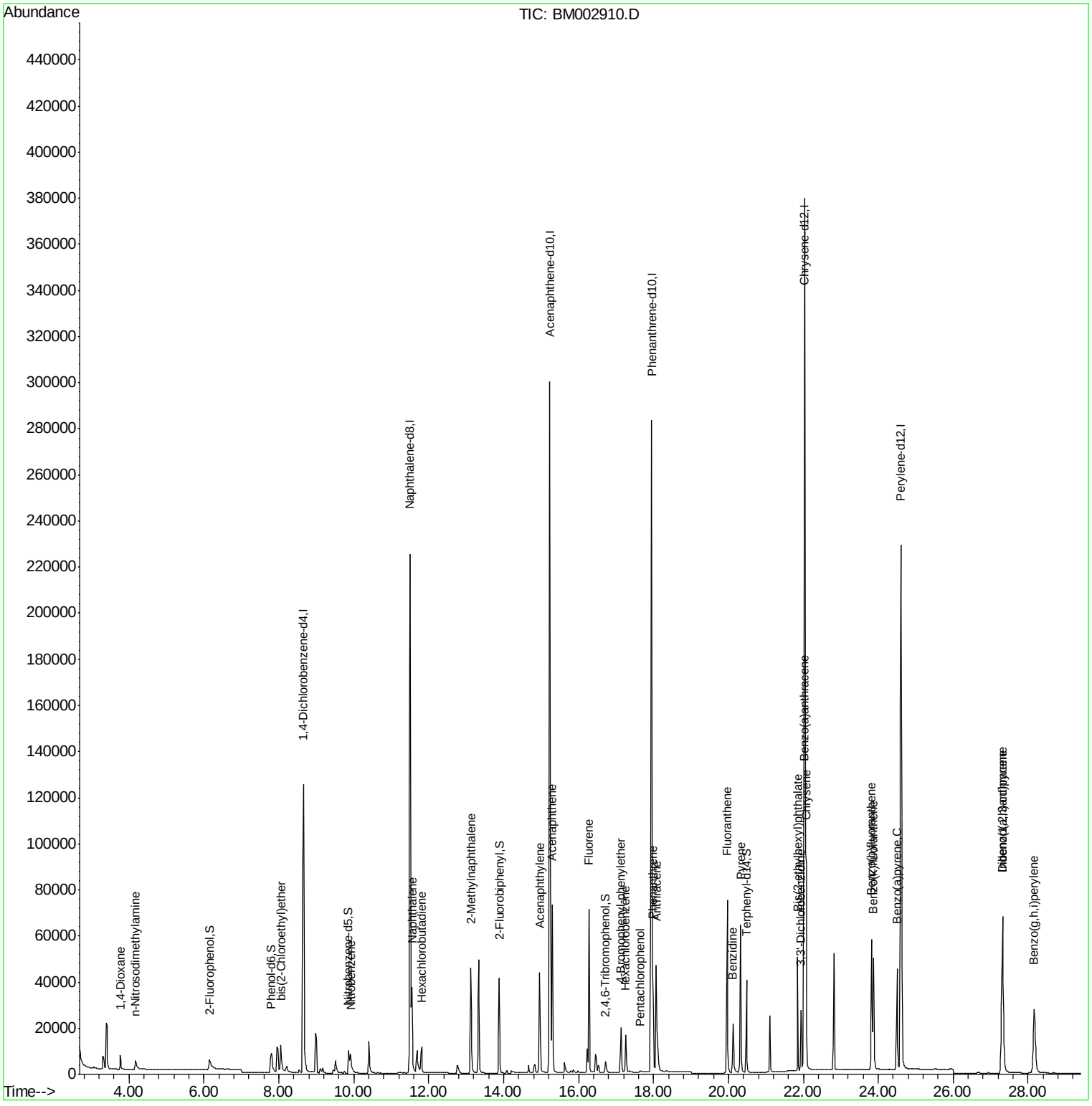
(#) = qualifier out of range (m) = manual integration (+) = signals summed

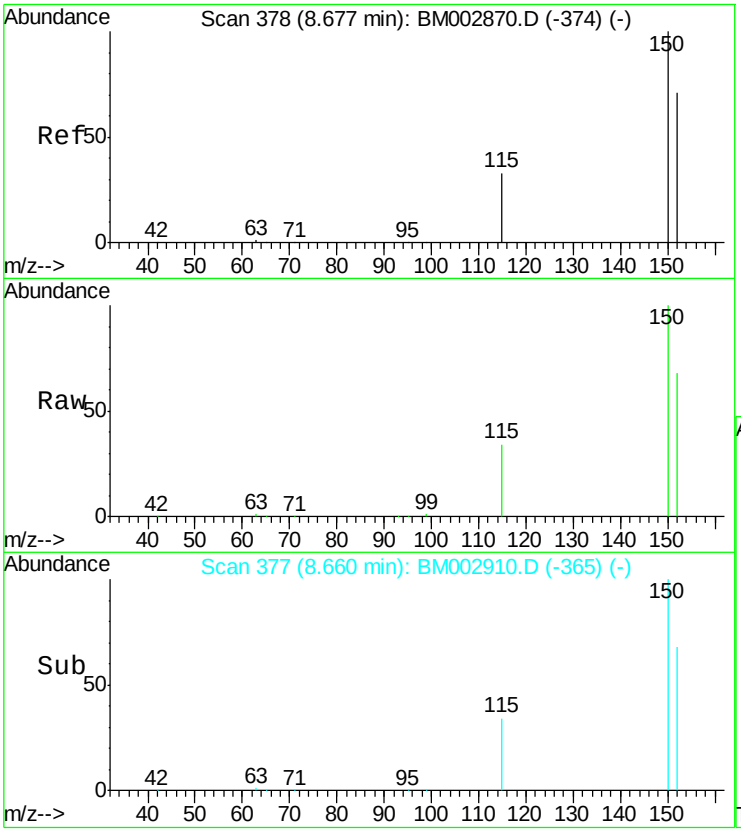
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM101515\
Data File : BM002910.D
Acq On : 15 Oct 2015 12:12
Operator : UM/IZ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Quant Time: Oct 15 13:03:43 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM101515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:17:10 2015
Response via : Initial Calibration



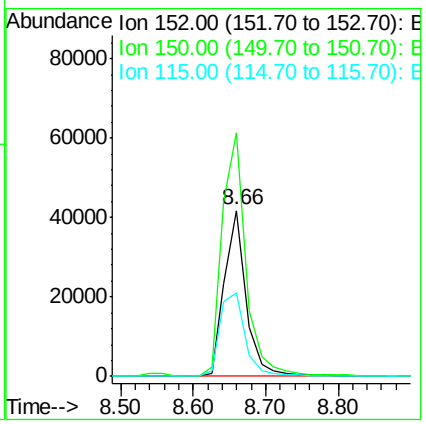


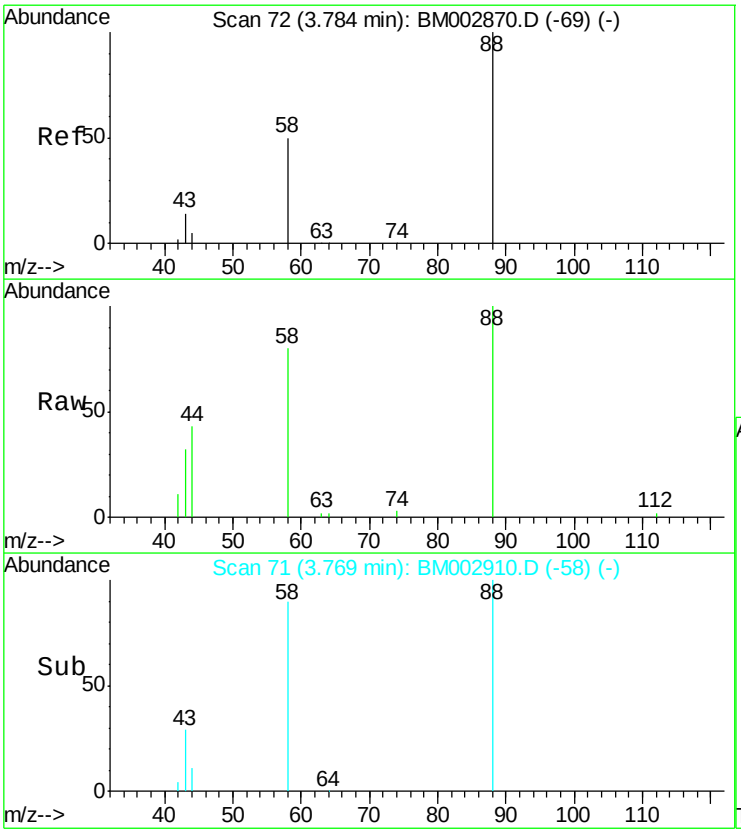
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.66 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 86738

Ion	Ratio	Lower	Upper
152	100		
150	146.7	113.0	169.6
115	50.5	37.9	56.9

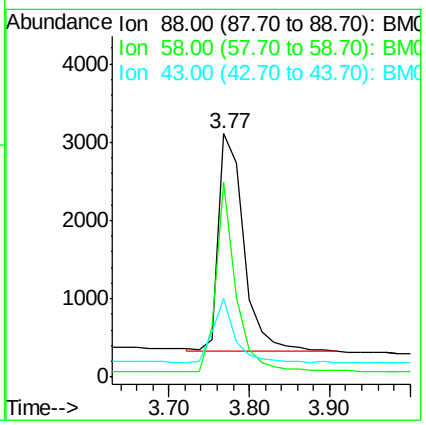


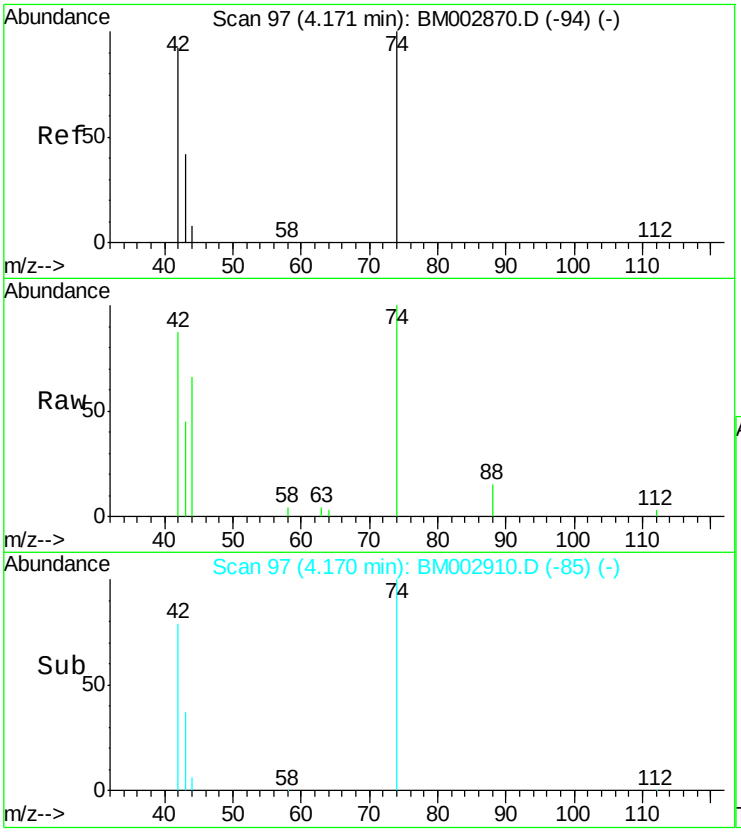


#2
1,4-Dioxane
Concen: 0.69 ng
RT: 3.77 min Scan# 71
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Tgt Ion: 88 Resp: 5979

Ion	Ratio	Lower	Upper
88	100		
58	70.3	56.7	85.1
43	25.5	22.0	33.0



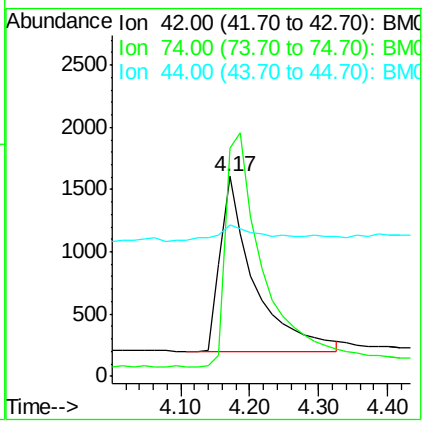


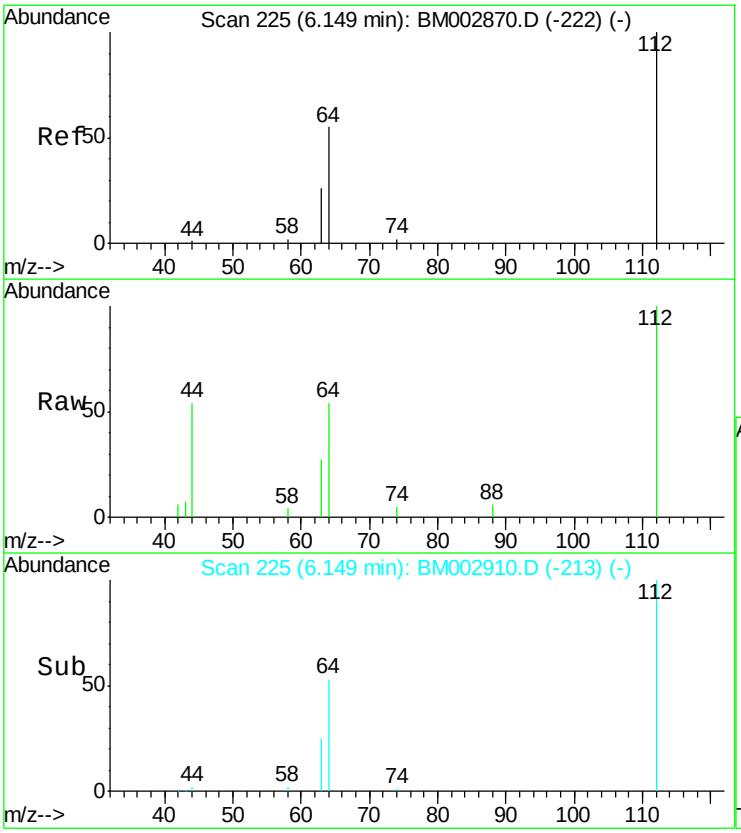
#3
n-Nitrosodimethylamine
Concen: 0.71 ng
RT: 4.17 min Scan# 97
Delta R.T. -0.02 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 4828

Ion	Ratio	Lower	Upper
42	100		
74	148.0	119.7	179.5
44	9.7	9.8	14.6#

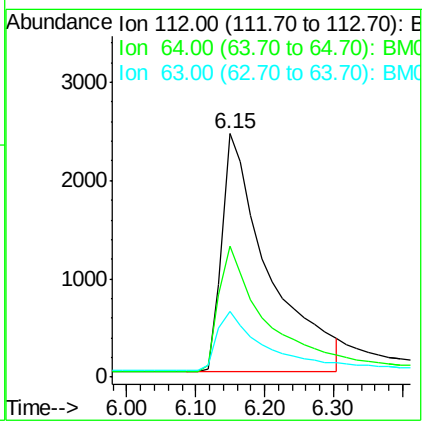


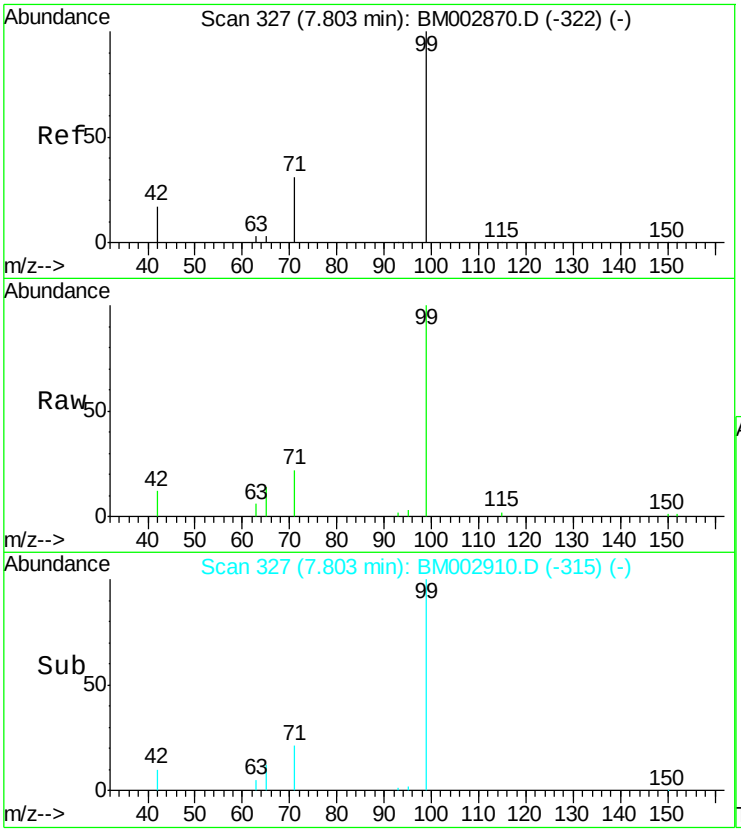


#4
2-Fluorophenol
Concen: 0.62 ng
RT: 6.15 min Scan# 225
Delta R.T. -0.02 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Tgt Ion:112 Resp: 11428

Ion	Ratio	Lower	Upper
112	100		
64	52.1	42.0	63.0
63	24.6	20.0	30.0



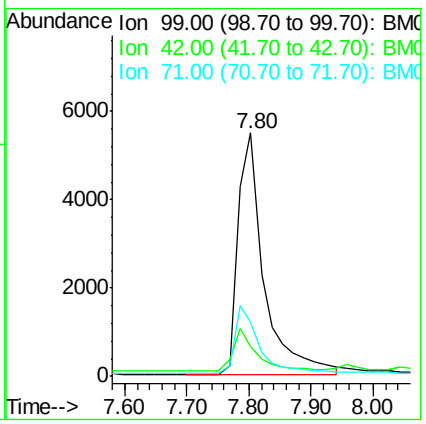


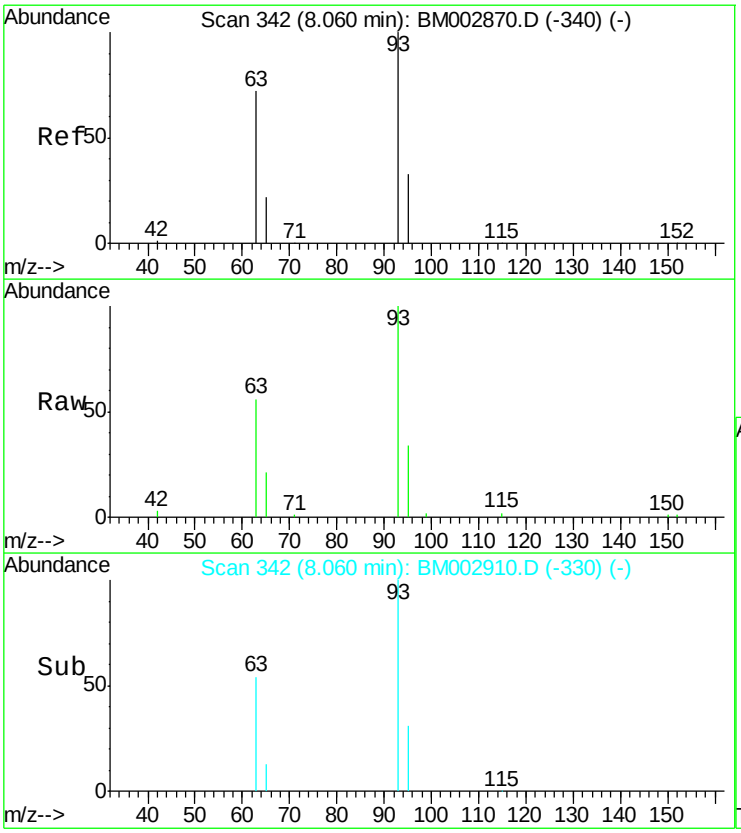
#5
Phenol-d6
Concen: 0.69 ng
RT: 7.80 min Scan# 327
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 15876

Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.4	18.6
71	26.9	21.4	32.0

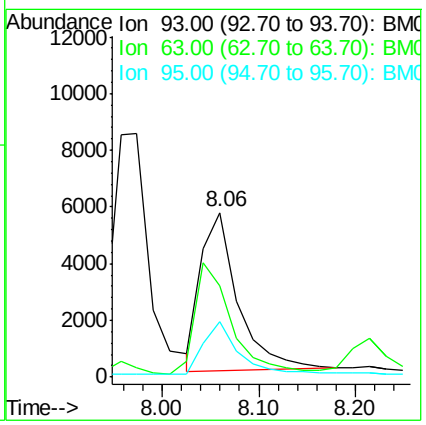


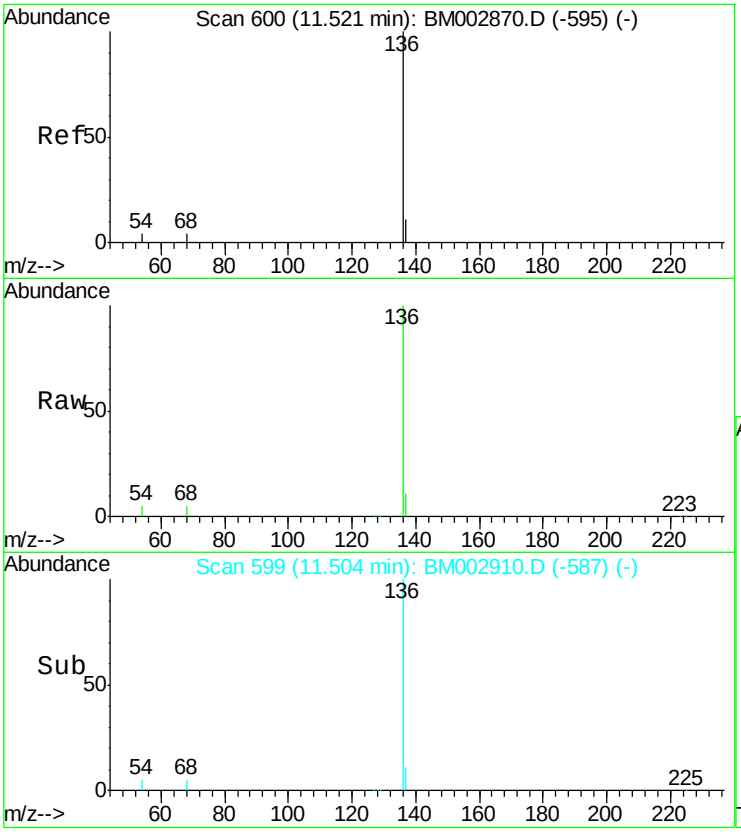


#6
bis(2-Chloroethyl)ether
Concen: 0.66 ng
RT: 8.06 min Scan# 342
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Tgt Ion: 93 Resp: 14963

Ion	Ratio	Lower	Upper
93	100		
63	70.3	52.9	79.3
95	33.3	25.2	37.8



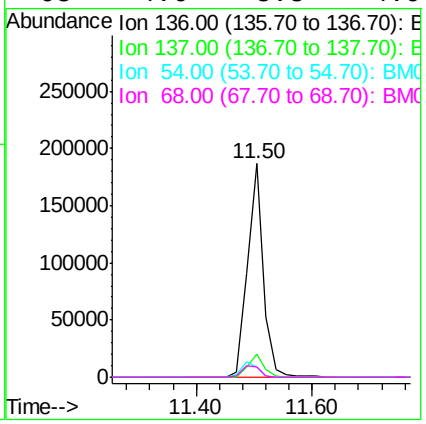


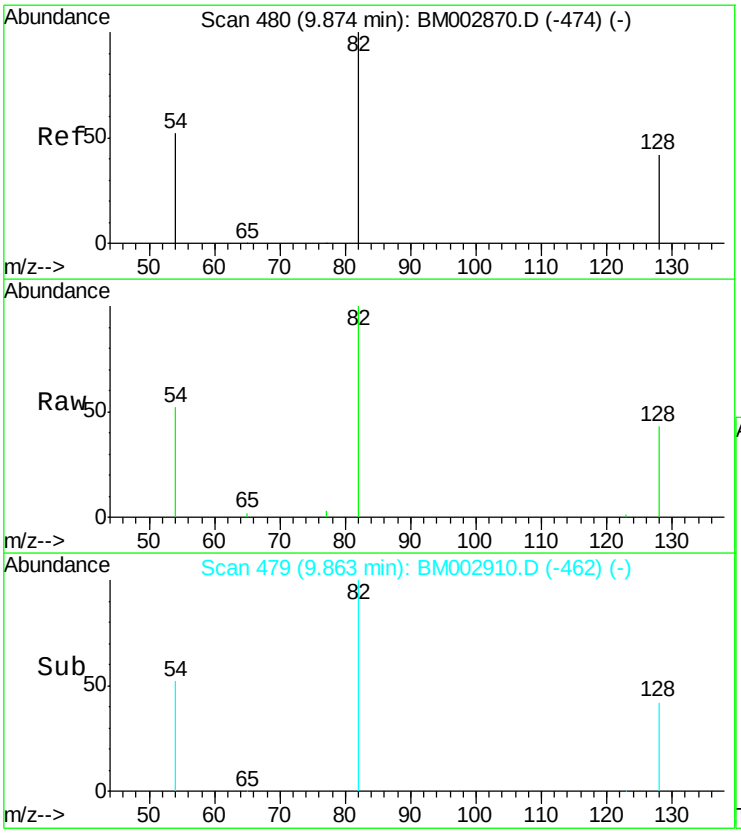
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 11.50 min Scan# 599
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 358235

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	5.0	3.5	5.3
68	4.6	3.3	4.9

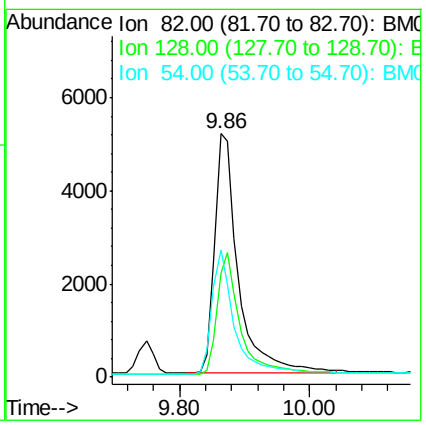


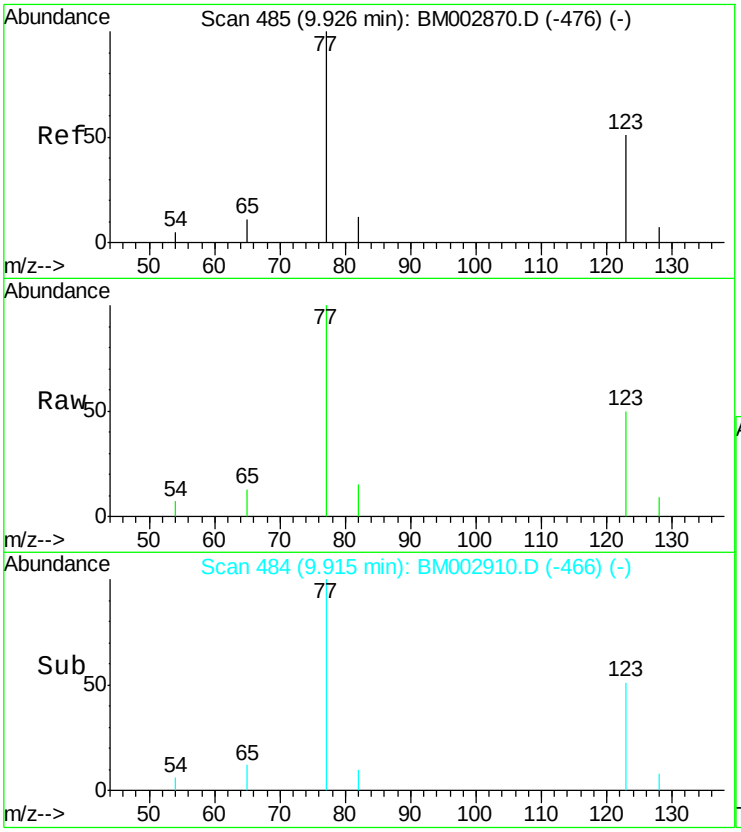


#8
Nitrobenzene-d5
Concen: 0.73 ng
RT: 9.86 min Scan# 479
Delta R.T. -0.02 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Tgt Ion: 82 Resp: 13072

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.1	51.1
54	52.3	42.6	63.8



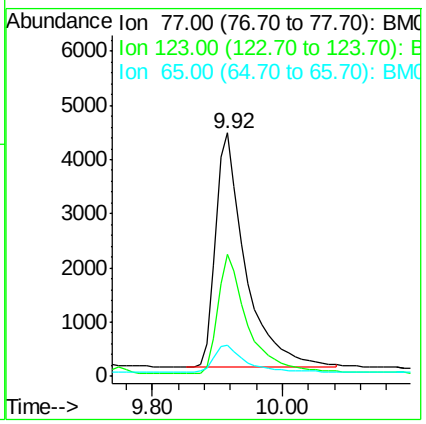


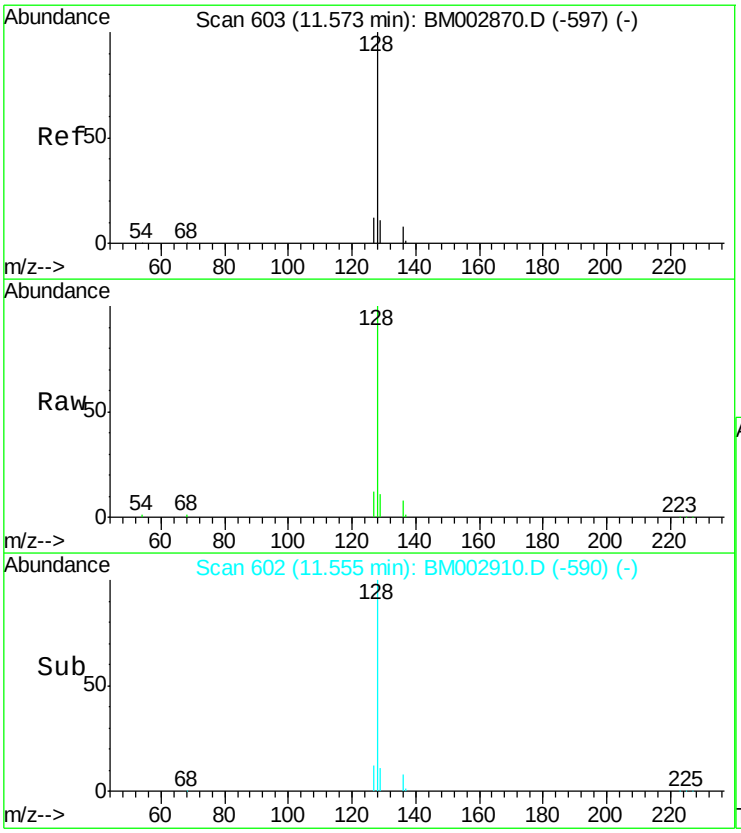
#9
Nitrobenzene
Concen: 0.72 ng
RT: 9.92 min Scan# 484
Delta R.T. -0.01 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion: 77 Resp: 13715

Ion	Ratio	Lower	Upper
77	100		
123	50.6	41.0	61.4
65	12.1	9.7	14.5

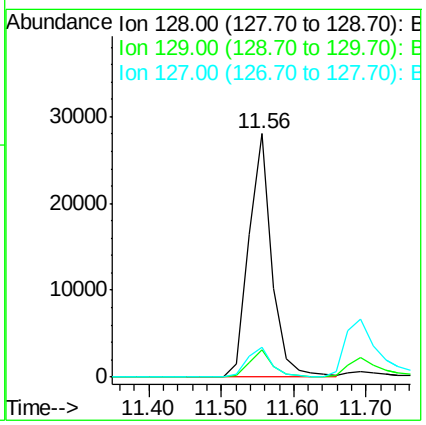


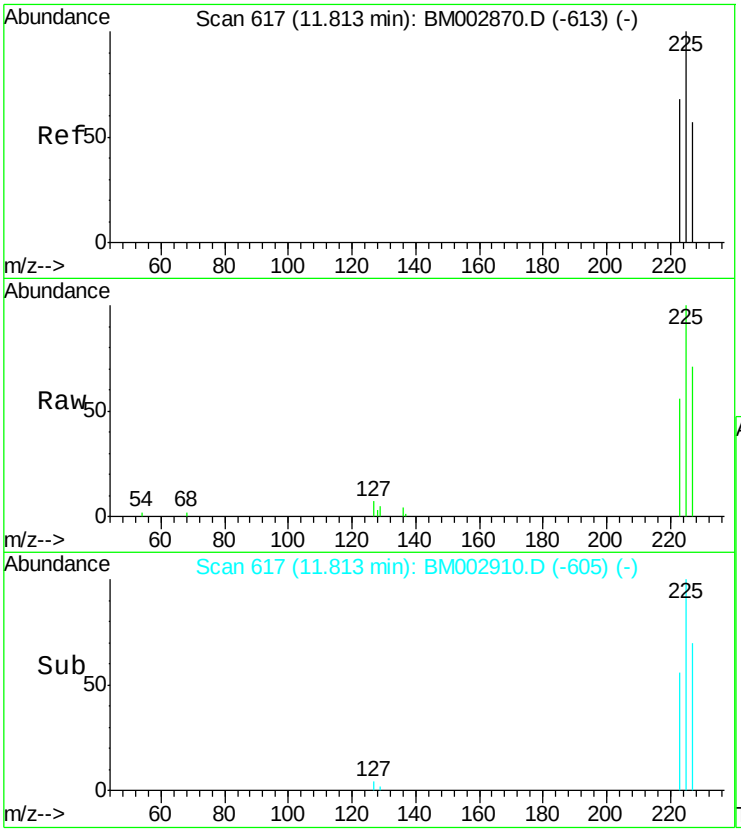


#10
Naphthalene
Concen: 0.77 ng
RT: 11.56 min Scan# 602
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Tgt Ion:128 Resp: 60944

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	12.4	9.6	14.4



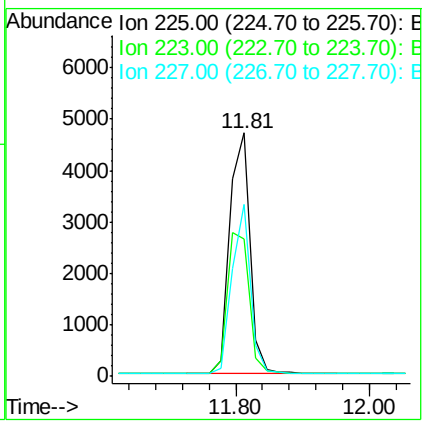


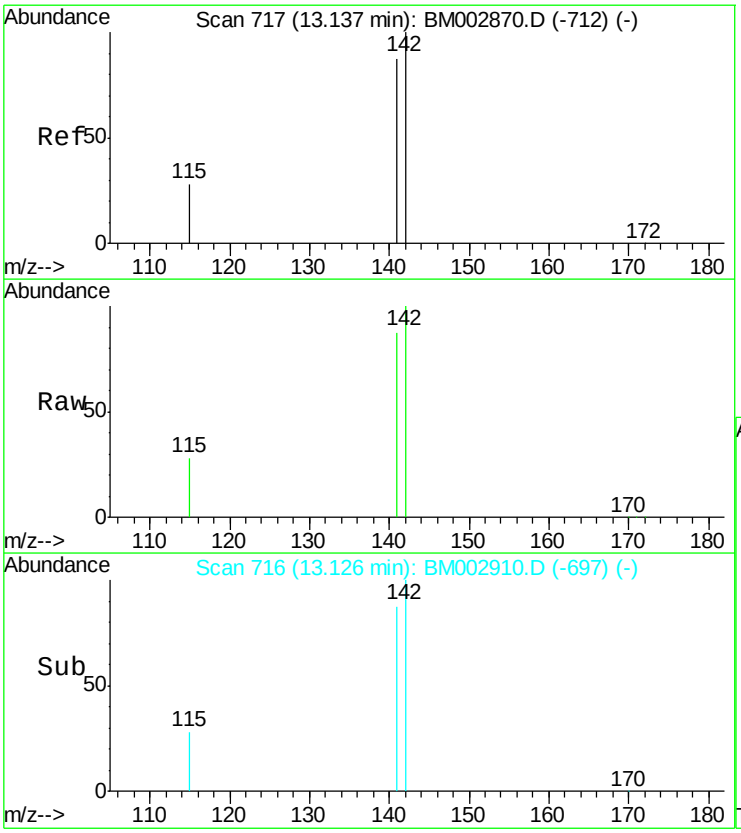
#11
Hexachlorobutadiene
Concen: 0.78 ng
RT: 11.81 min Scan# 617
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:225 Resp: 9861

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.1	75.1
227	63.9	51.2	76.8

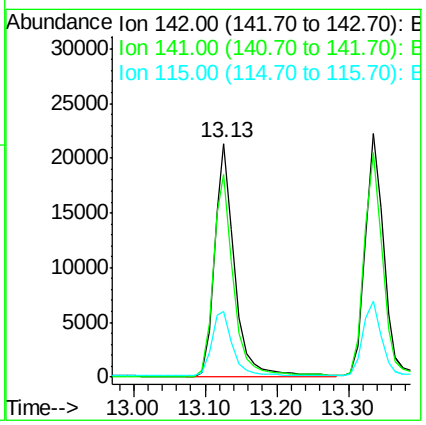


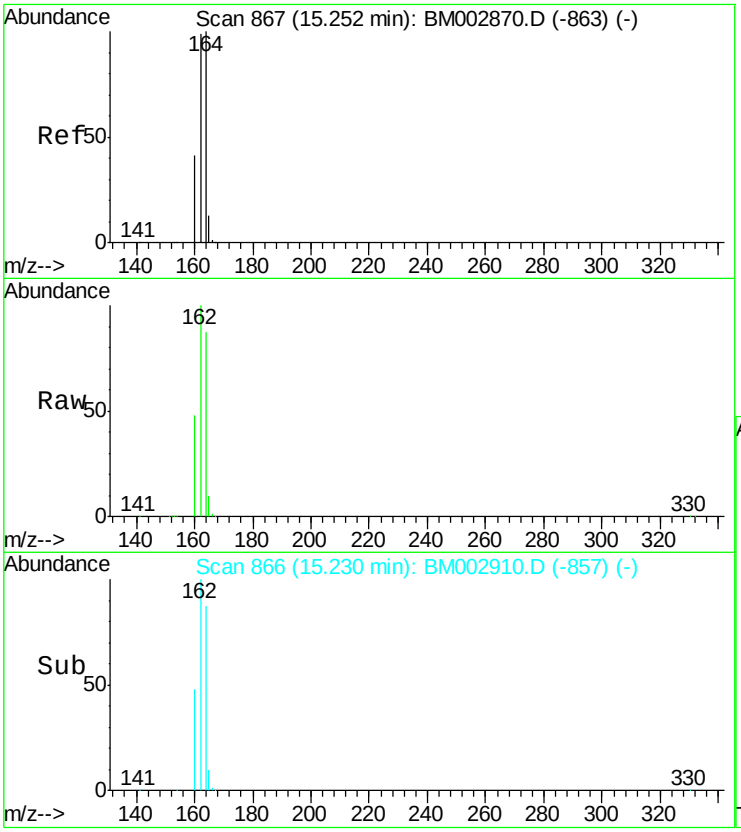


#12
2-Methylnaphthalene
Concen: 0.78 ng
RT: 13.13 min Scan# 716
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Tgt Ion:142 Resp: 41221

Ion	Ratio	Lower	Upper
142	100		
141	86.5	69.4	104.0
115	28.0	22.7	34.1



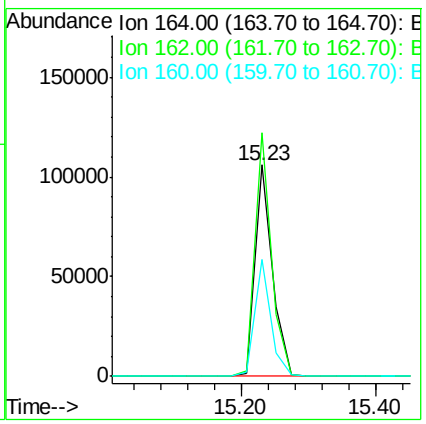


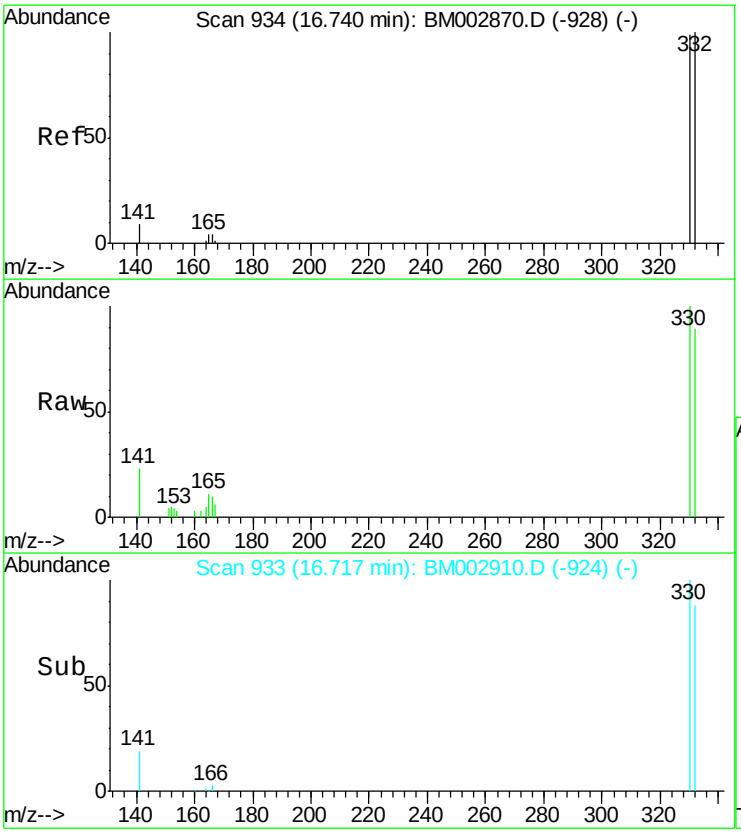
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 15.23 min Scan# 866
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 191564

Ion	Ratio	Lower	Upper
164	100		
162	115.3	79.6	119.4
160	55.2	33.1	49.7#

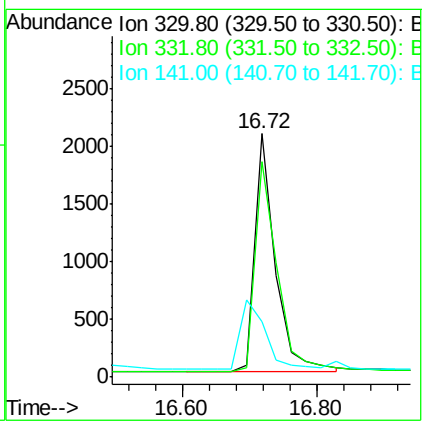


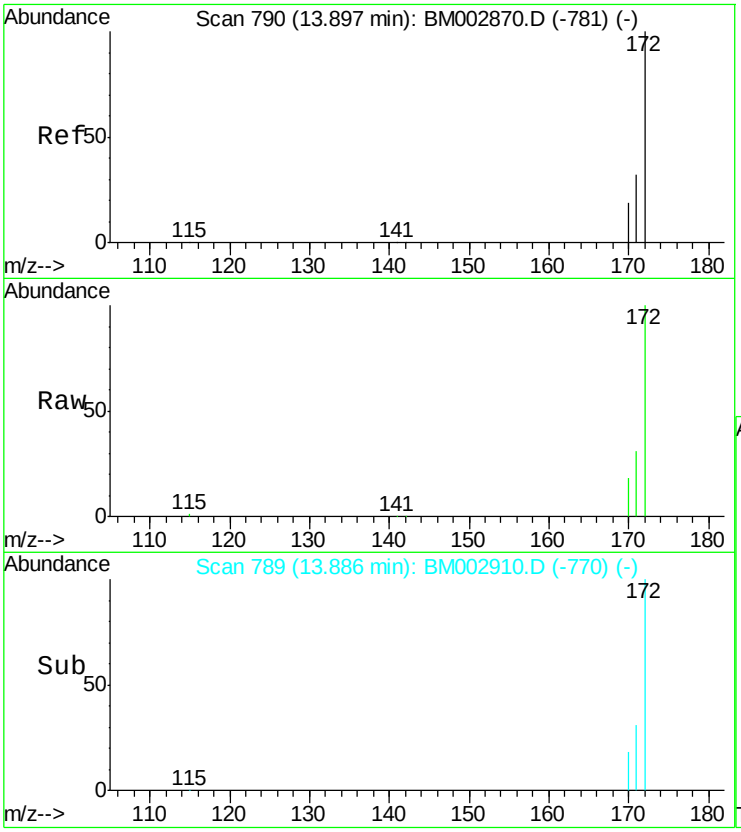


#14
2,4,6-Tribromophenol
Concen: 0.69 ng
RT: 16.72 min Scan# 933
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Tgt Ion:330 Resp: 4404

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	0.0	0.0	0.0



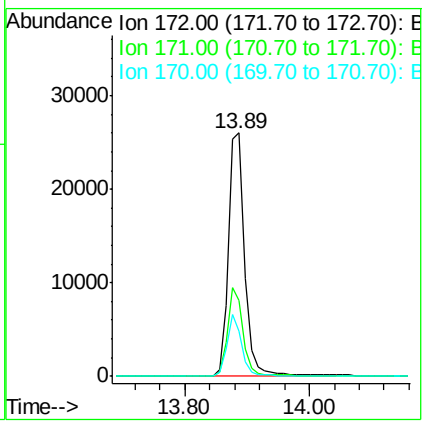


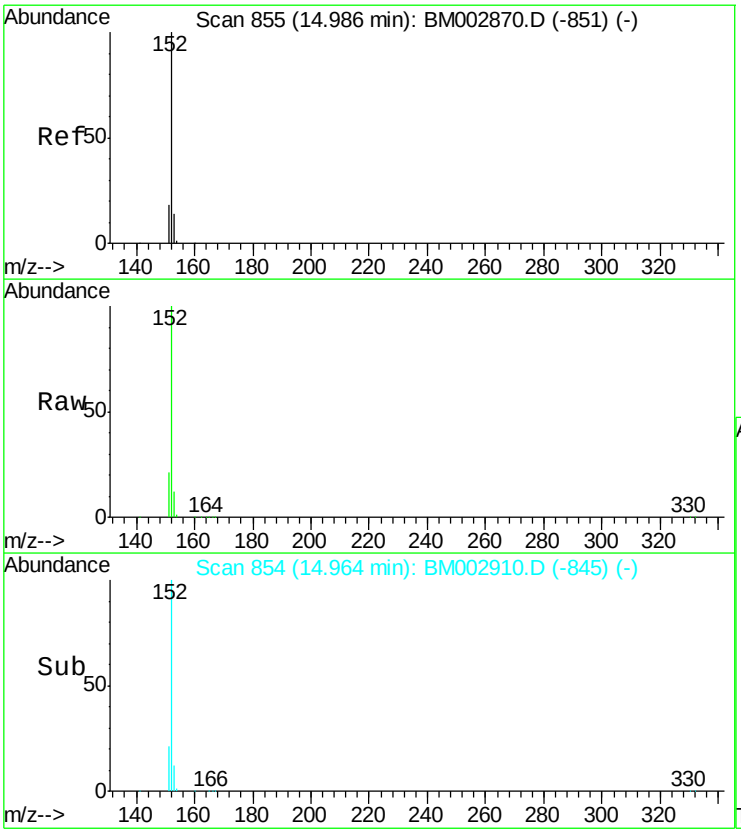
#15
2-Fluorobiphenyl
Concen: 0.82 ng
RT: 13.89 min Scan# 789
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 47413

Ion	Ratio	Lower	Upper
172	100		
171	31.4	26.1	39.1
170	18.5	15.7	23.5

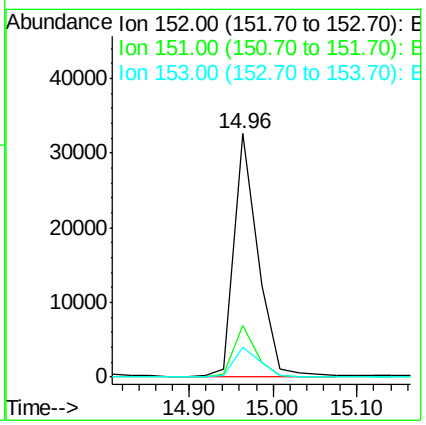


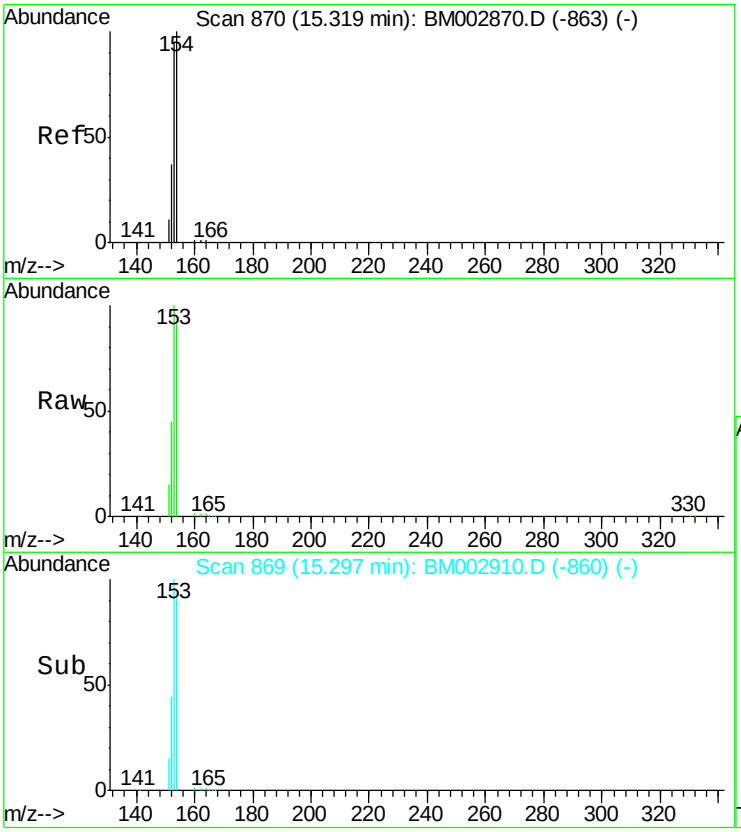


#16
Acenaphthylene
Concen: 0.78 ng
RT: 14.96 min Scan# 854
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Tgt Ion:152 Resp: 63507

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.3	22.9
153	12.7	10.5	15.7



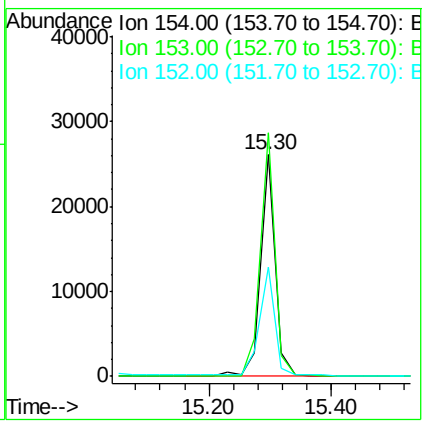


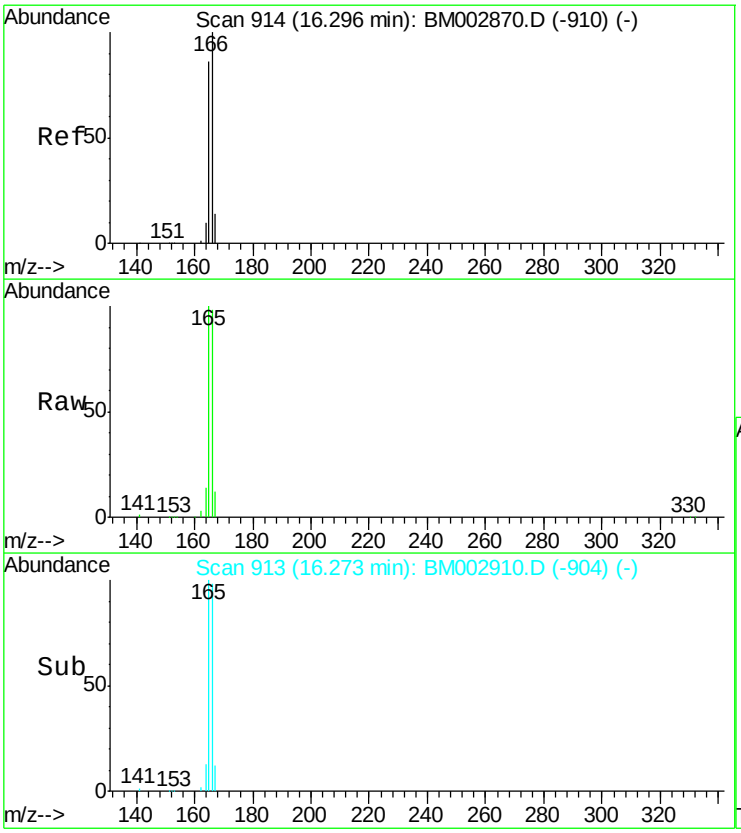
#17
Acenaphthene
Concen: 0.82 ng
RT: 15.30 min Scan# 869
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 43149

Ion	Ratio	Lower	Upper
154	100		
153	109.8	0.0	0.0#
152	51.1	0.0	0.0#

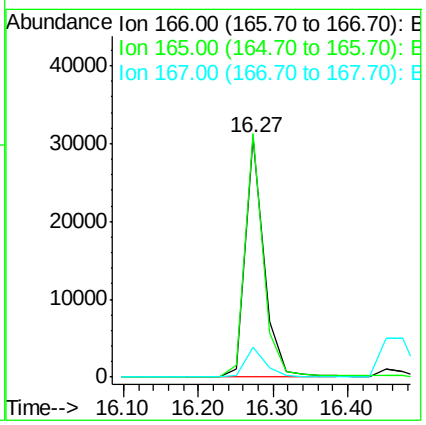


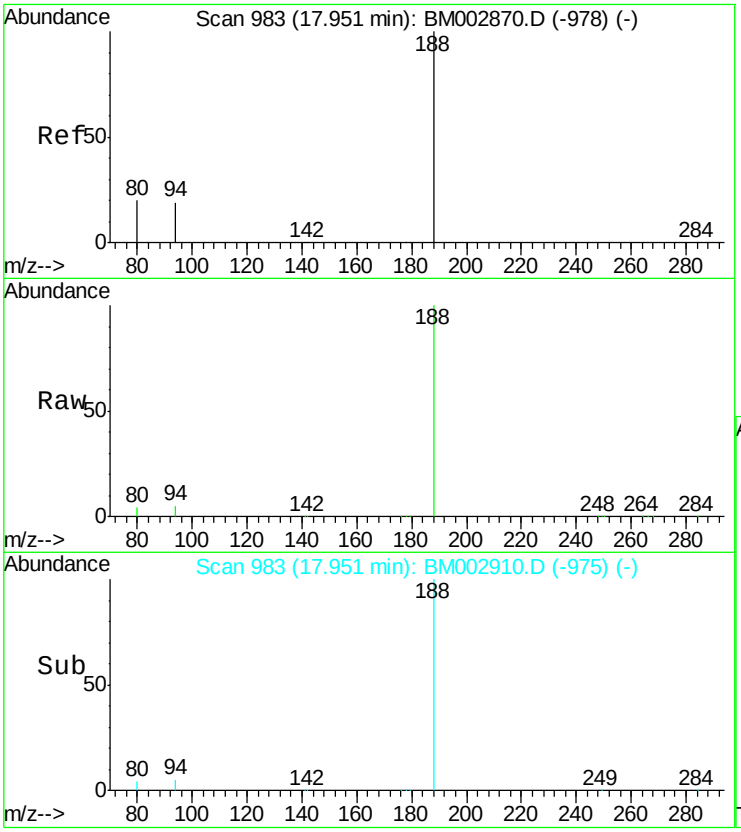


#18
Fluorene
Concen: 0.82 ng
RT: 16.27 min Scan# 913
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Tgt Ion:166 Resp: 52968

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.3	115.9
167	13.2	10.9	16.3



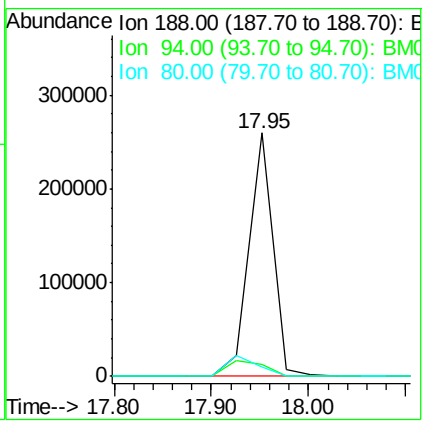


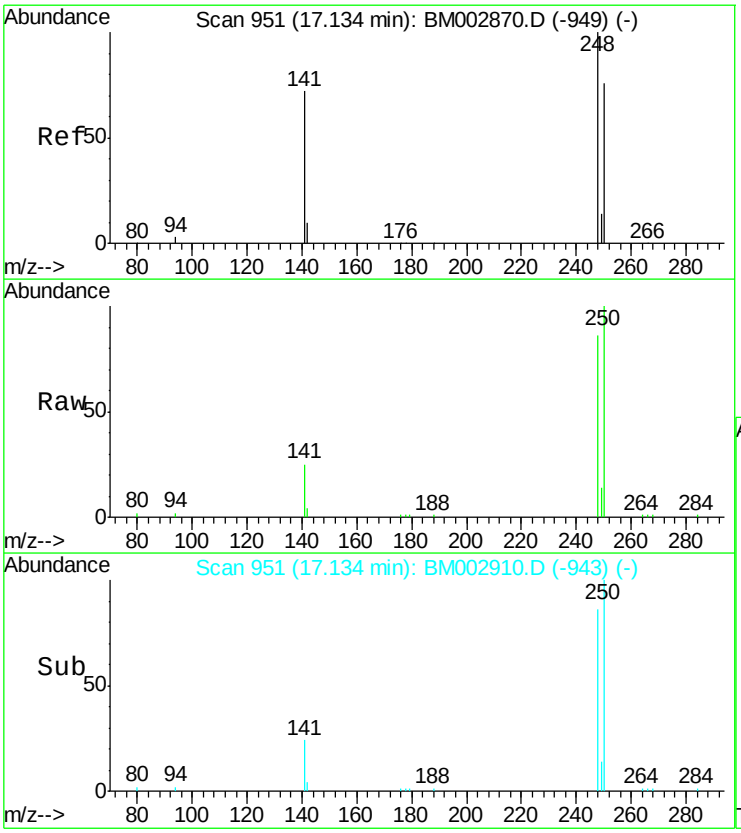
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.95 min Scan# 983
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 447491

Ion	Ratio	Lower	Upper
188	100		
94	4.7	15.2	22.8#
80	4.0	15.9	23.9#

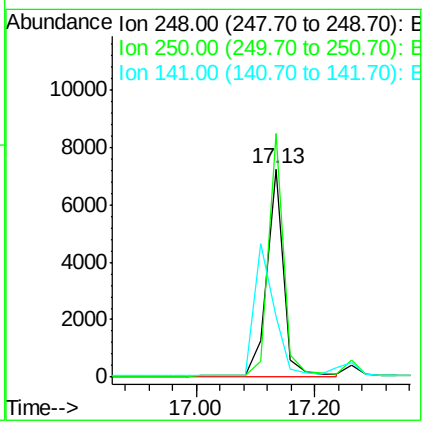


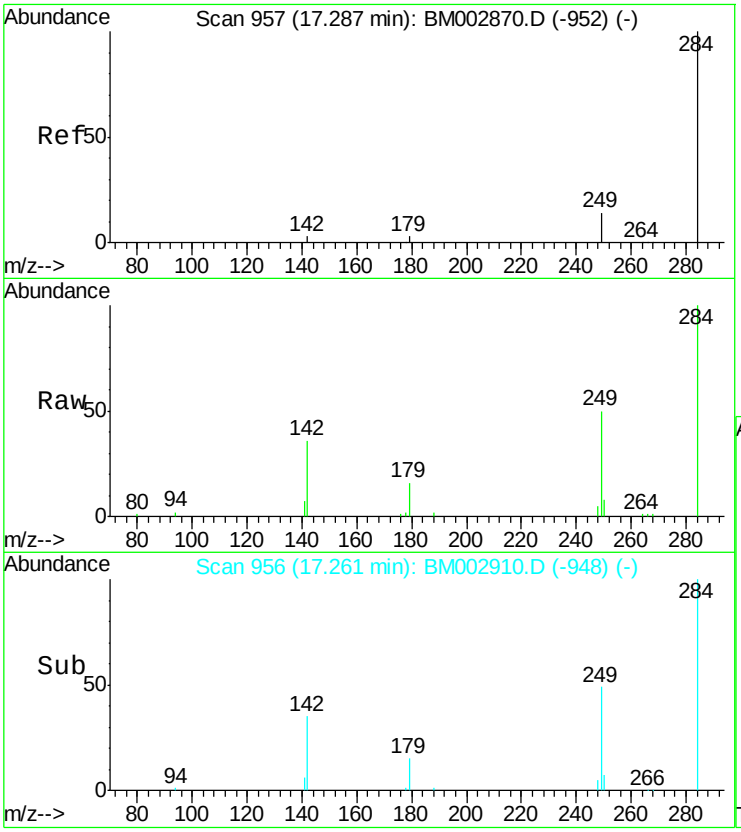


#20
4-Bromophenyl-phenylether
Concen: 0.69 ng
RT: 17.13 min Scan# 951
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Tgt Ion:248 Resp: 14701

Ion	Ratio	Lower	Upper
248	100		
250	107.9	71.4	107.2#
141	0.0	54.6	82.0#



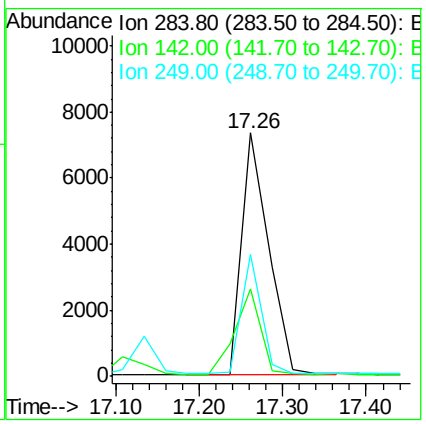


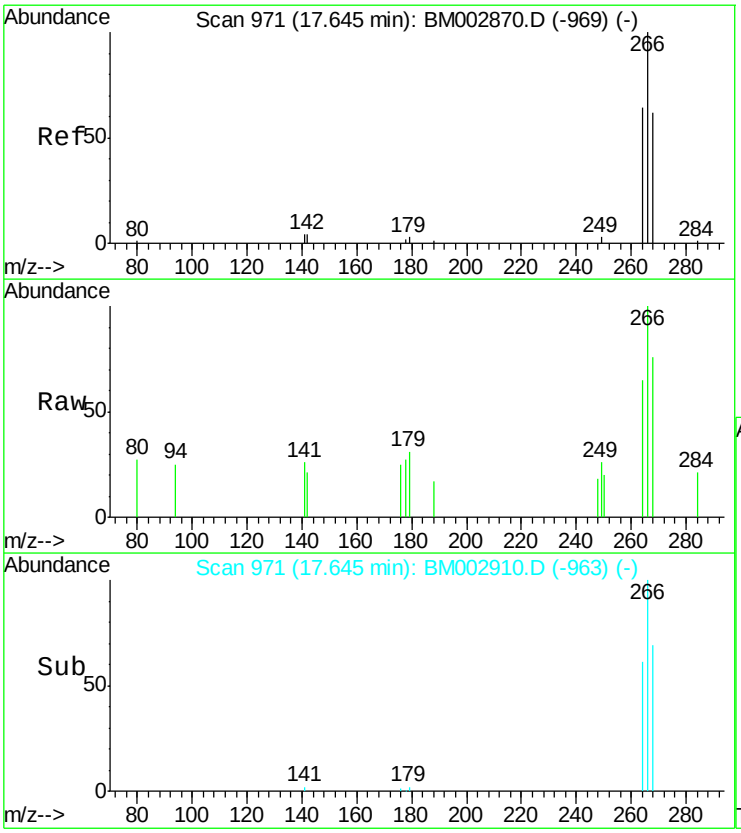
#21
Hexachlorobenzene
Concen: 0.63 ng
RT: 17.26 min Scan# 956
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 16595

Ion	Ratio	Lower	Upper
284	100		
142	32.9	0.0	0.0#
249	36.6	20.7	31.1#

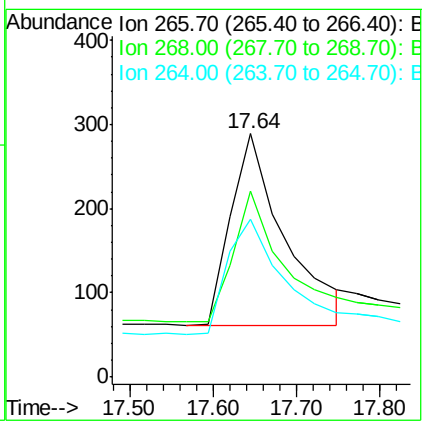


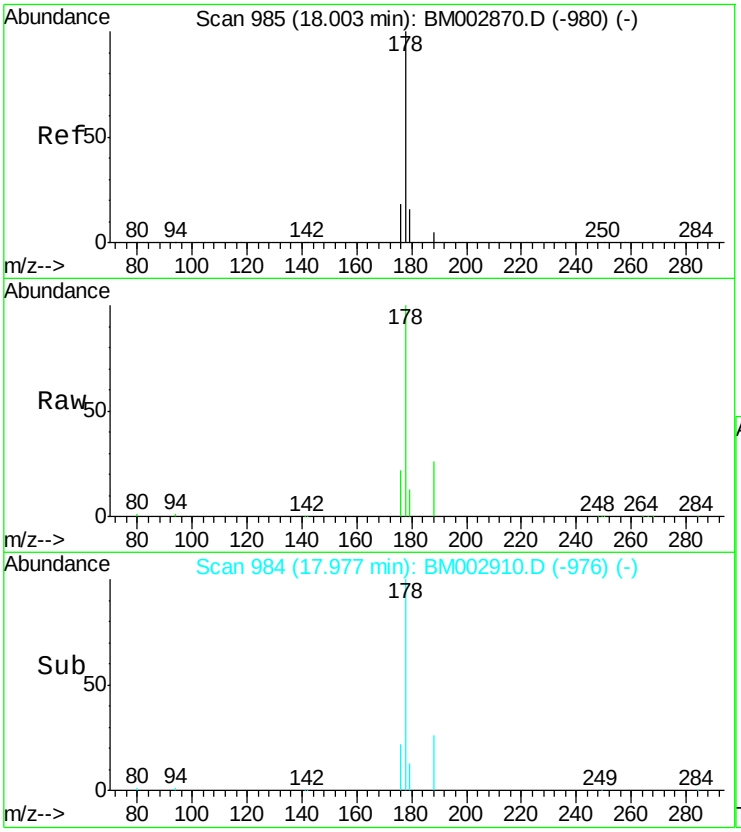


#22
Pentachlorophenol
Concen: 0.42 ng
RT: 17.64 min Scan# 971
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Tgt Ion:266 Resp: 1032

Ion	Ratio	Lower	Upper
266	100		
268	76.5	58.3	87.5
264	65.1	54.2	81.2



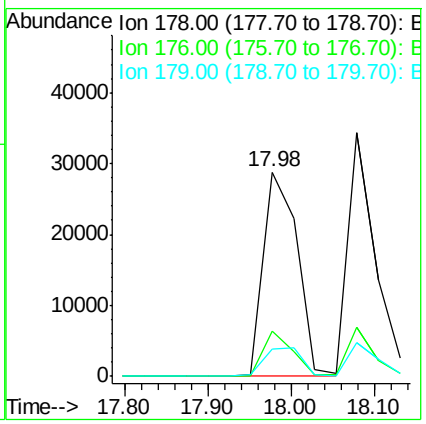


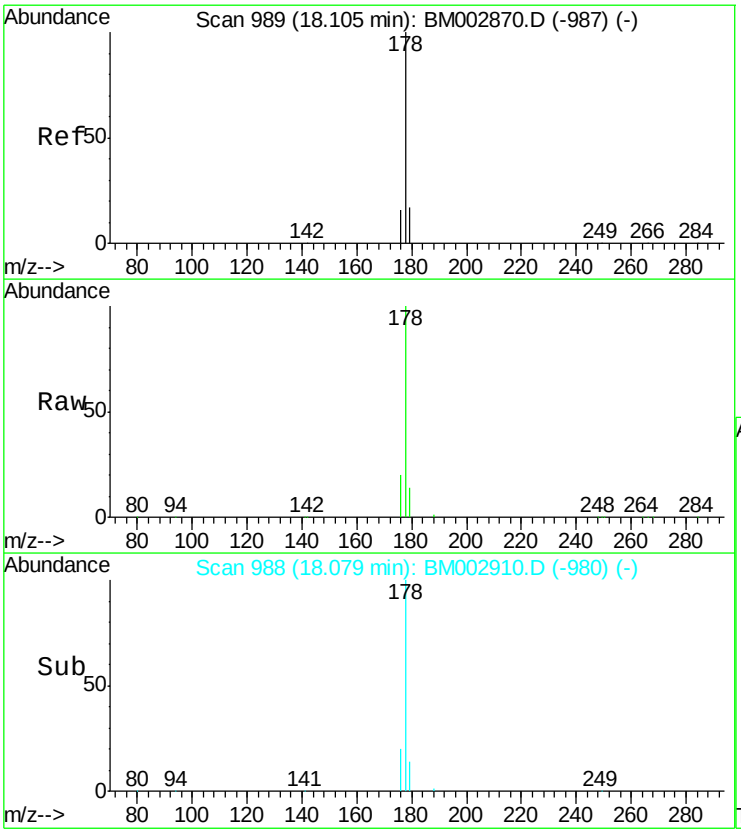
#23
Phenanthrene
Concen: 0.61 ng
RT: 17.98 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 80083

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	21.8
179	0.0	12.5	18.7#

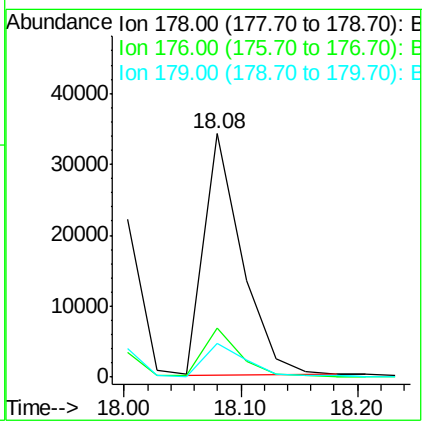


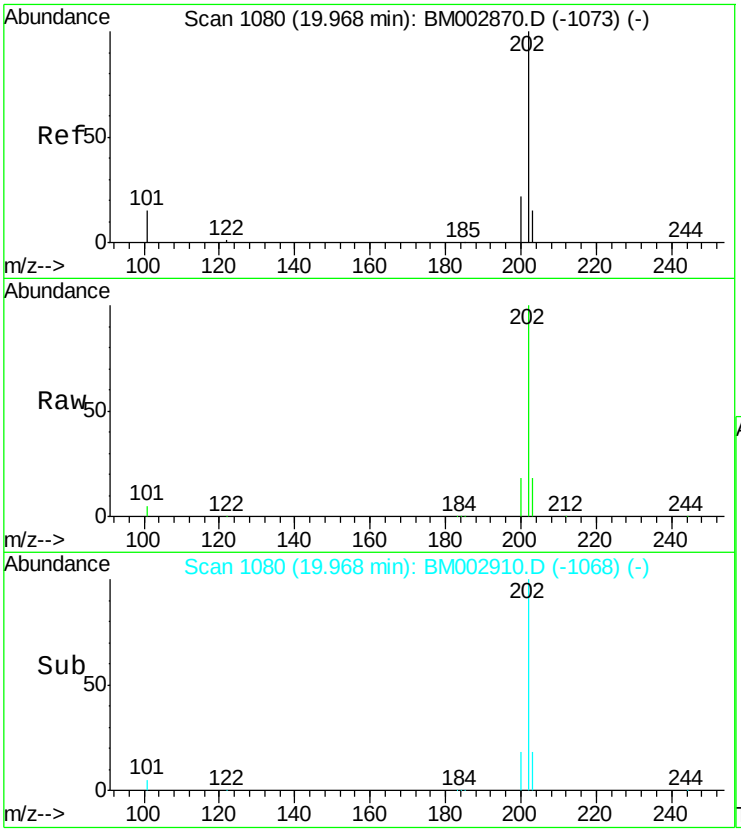


#24
Anthracene
Concen: 0.69 ng
RT: 18.08 min Scan# 988
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Tgt Ion:178 Resp: 76346

Ion	Ratio	Lower	Upper
178	100		
176	18.5	13.9	20.9
179	14.9	12.6	18.8



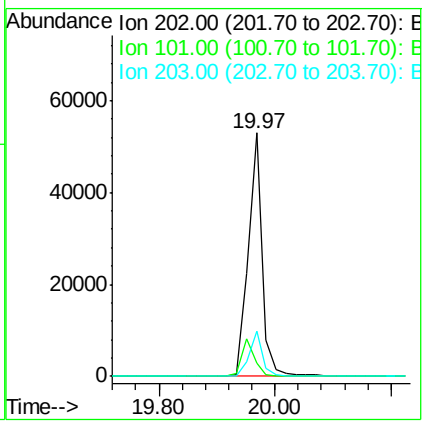


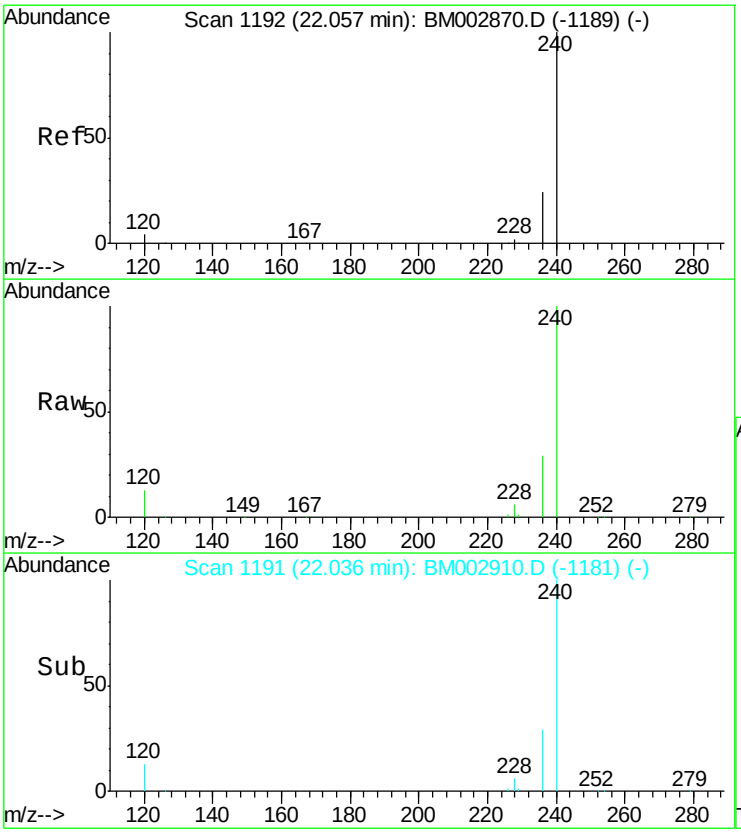
#25
Fluoranthene
Concen: 0.61 ng
RT: 19.97 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:202 Resp: 88877

Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.0	16.6
203	17.3	13.8	20.6

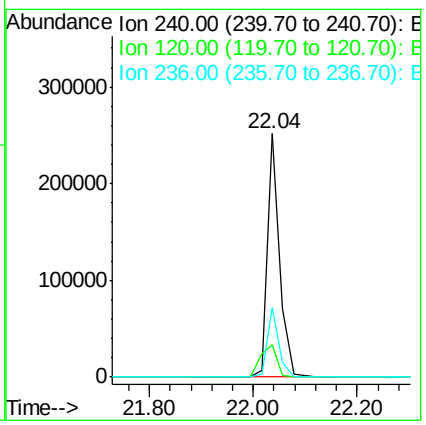


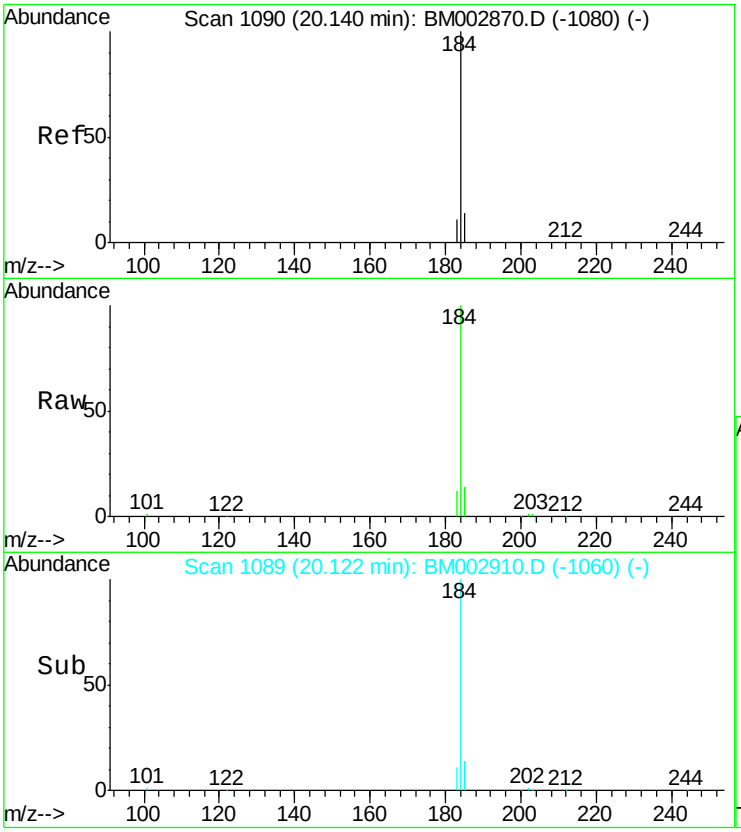


#26
Chrysene-d12
Concen: 5.00 ng
RT: 22.04 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Tgt Ion:240 Resp: 410423

Ion	Ratio	Lower	Upper
240	100		
120	13.1	3.3	4.9#
236	28.8	19.5	29.3



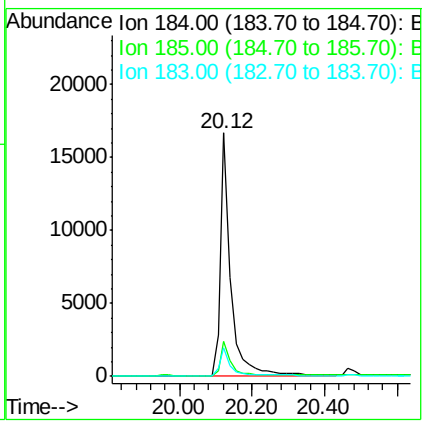


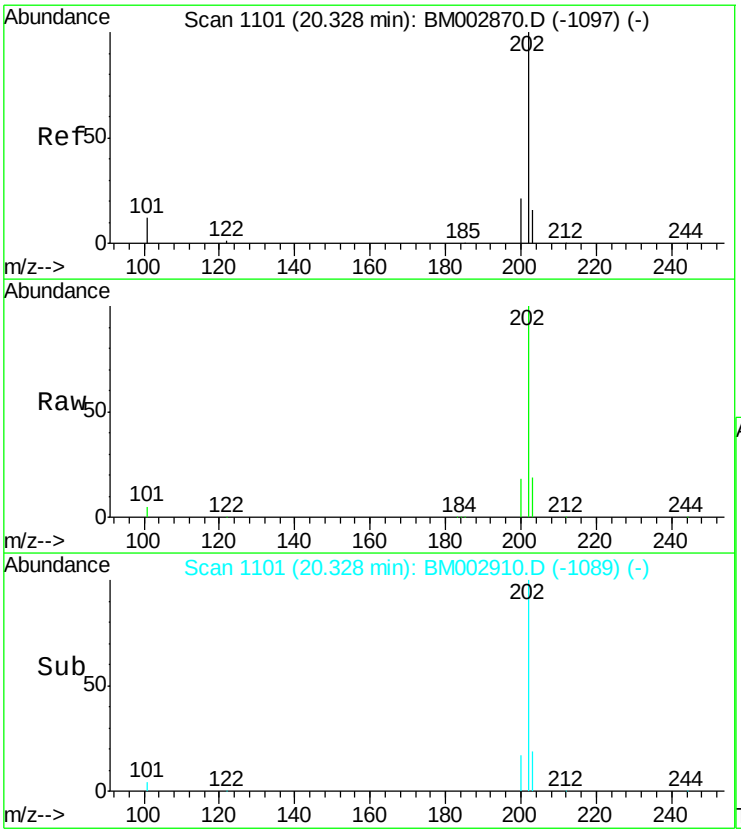
#27
Benzidine
Concen: 0.60 ng
RT: 20.12 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:184 Resp: 33602

Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.0	18.0
183	11.6	8.9	13.3

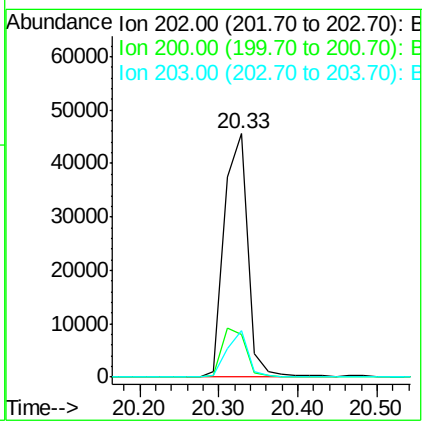


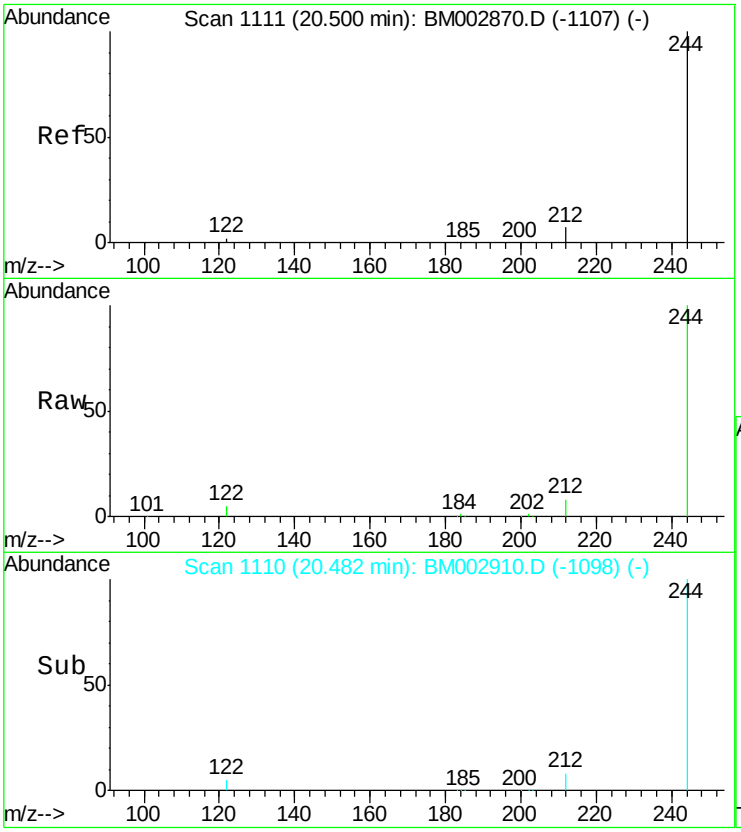


#28
Pyrene
Concen: 0.84 ng
RT: 20.33 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Tgt Ion:202 Resp: 92719

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.2	24.4
203	17.2	13.8	20.8



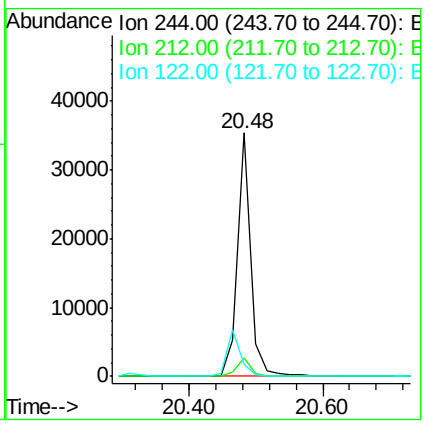


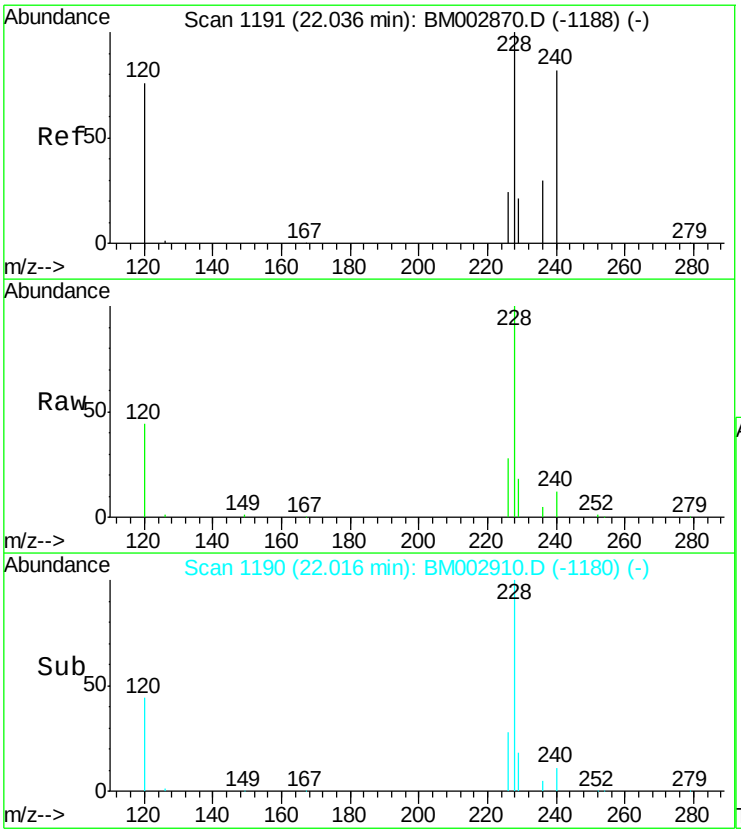
#29
Terphenyl-d14
Concen: 0.88 ng
RT: 20.48 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 48158

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.6	8.4
122	4.9	2.2	3.2#

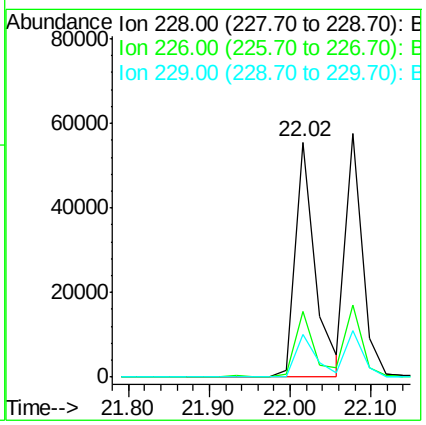


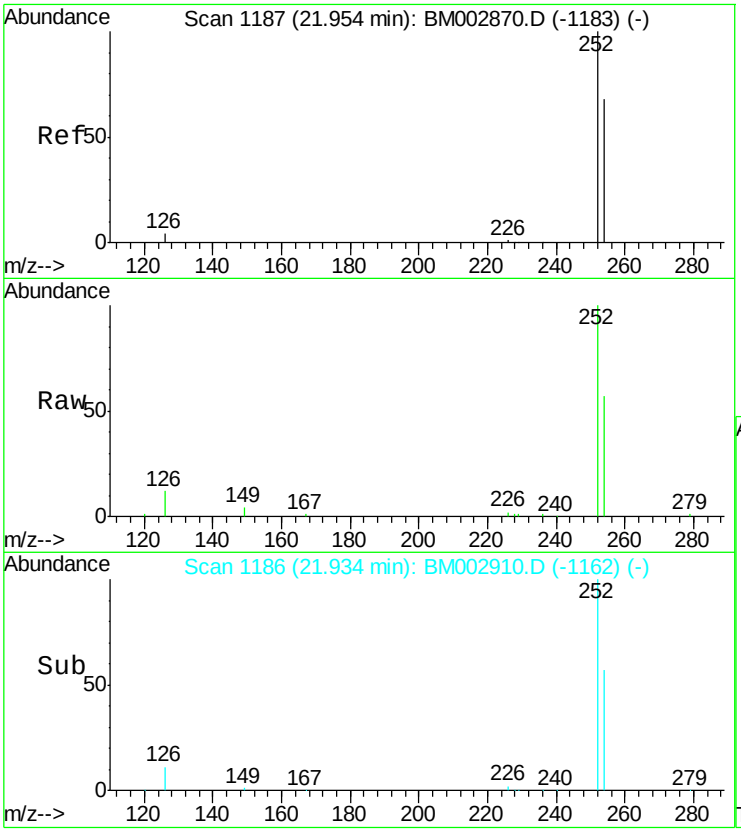


#30
Benzo(a)anthracene
Concen: 0.80 ng
RT: 22.02 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Tgt Ion:228 Resp: 94304

Ion	Ratio	Lower	Upper
228	100		
226	27.9	19.0	28.6
229	18.0	16.8	25.2



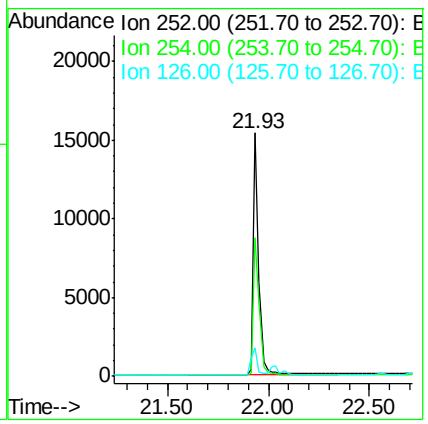


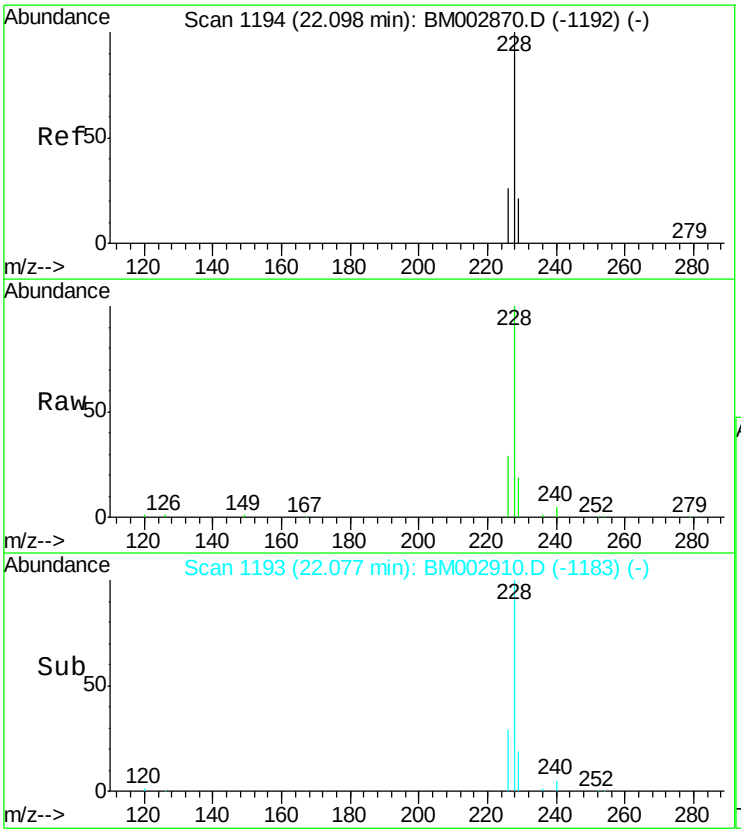
#31
3,3'-Dichlorobenzidine
Concen: 0.65 ng
RT: 21.93 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 29484

Ion	Ratio	Lower	Upper
252	100		
254	56.8	54.1	81.1
126	11.7	4.1	6.1#

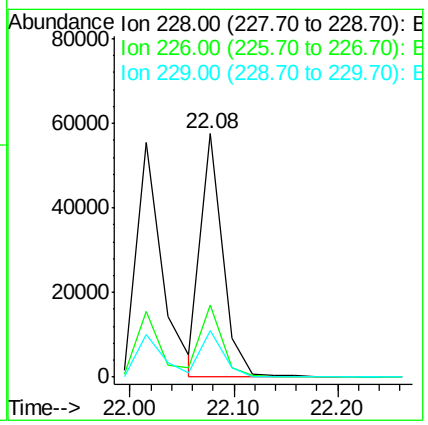


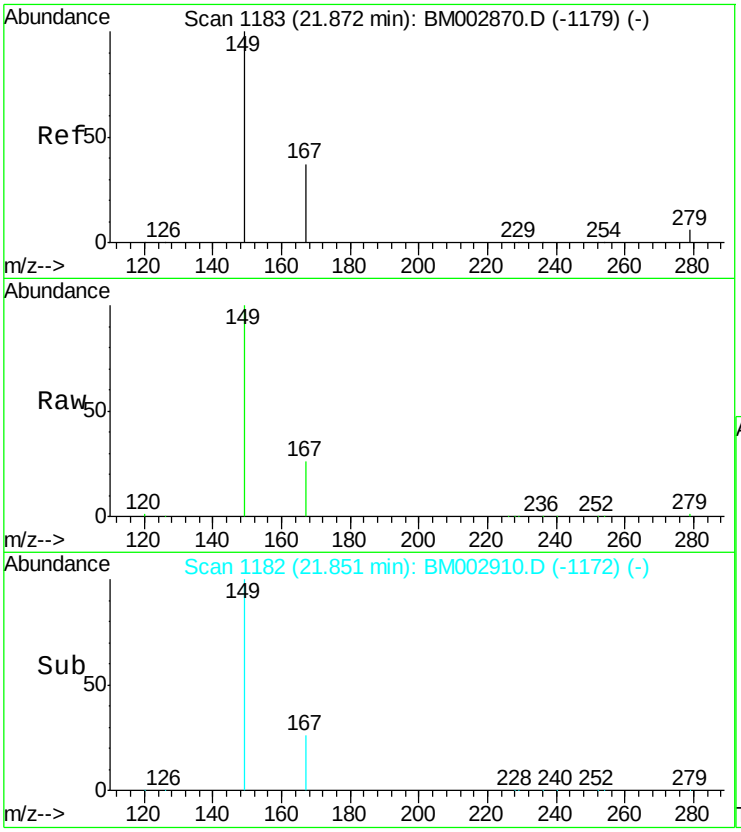


#32
Chrysene
Concen: 0.76 ng
RT: 22.08 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Tgt Ion:228 Resp: 83358

Ion	Ratio	Lower	Upper
228	100		
226	29.4	20.6	30.8
229	18.9	17.4	26.2



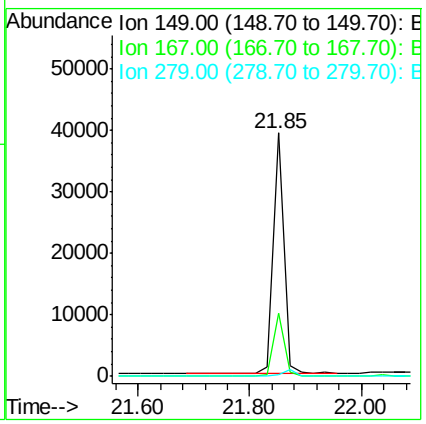


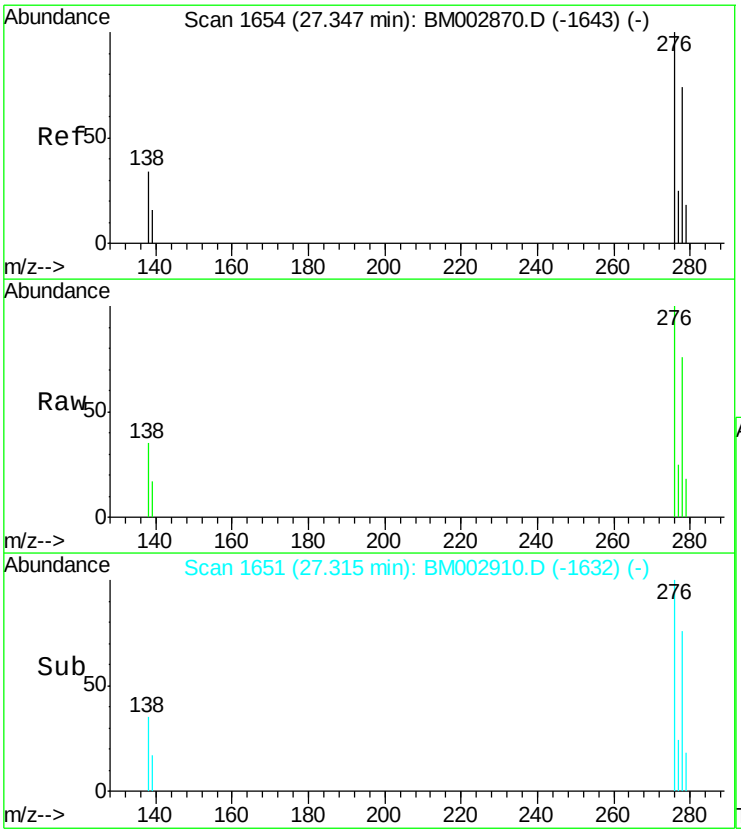
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.72 ng
RT: 21.85 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:149 Resp: 51844

Ion	Ratio	Lower	Upper
149	100		
167	26.3	17.2	25.8#
279	0.0	2.2	3.4#

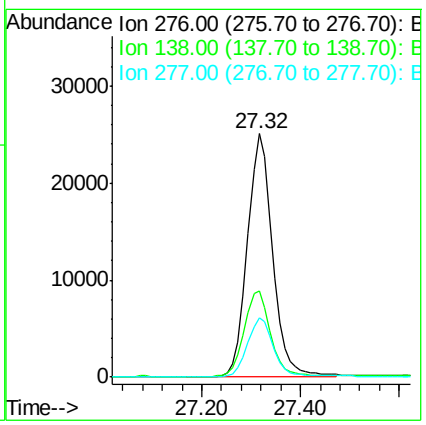


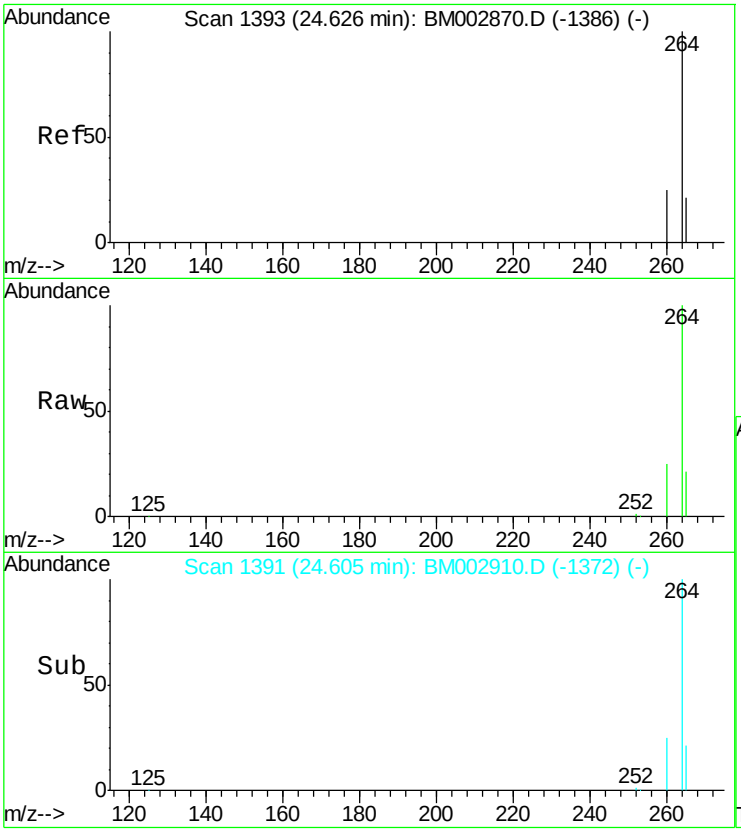


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.65 ng
RT: 27.32 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Tgt Ion:276 Resp: 86088

Ion	Ratio	Lower	Upper
276	100		
138	36.2	29.0	43.6
277	24.7	19.8	29.8



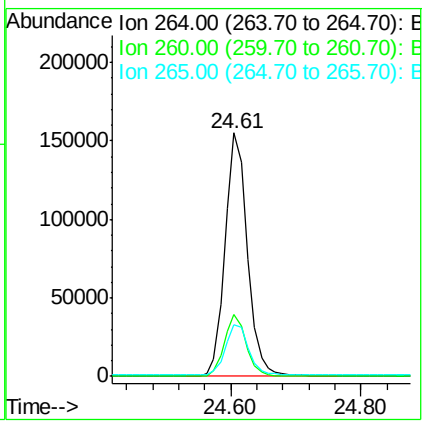


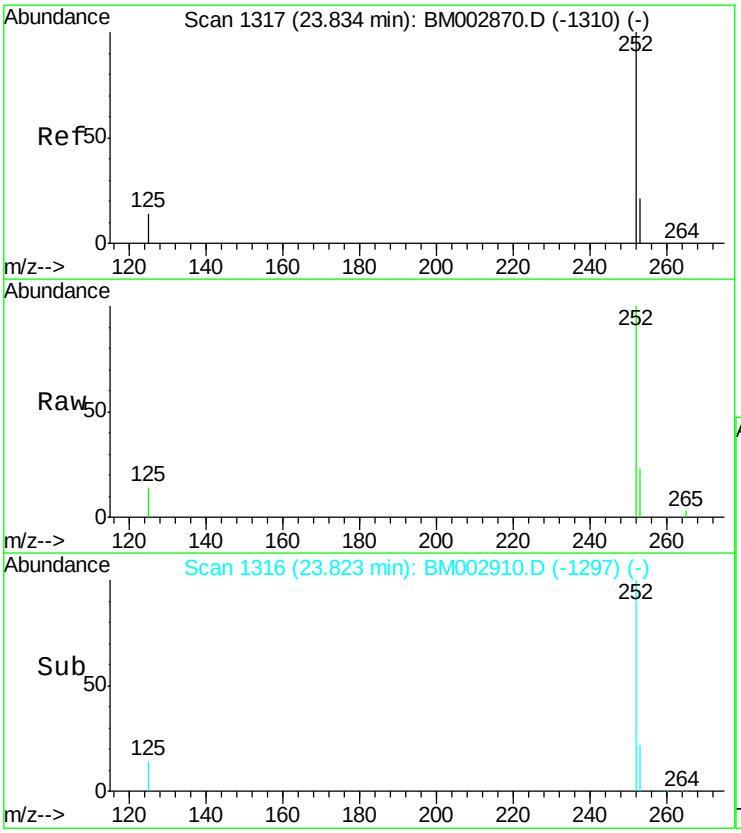
#35
Perylene-d12
Concen: 5.00 ng
RT: 24.61 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 367951

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.1	30.1
265	21.4	17.6	26.4

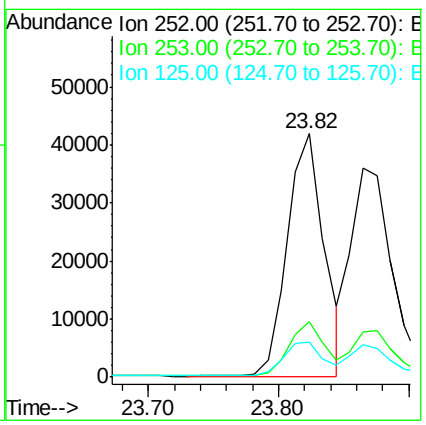


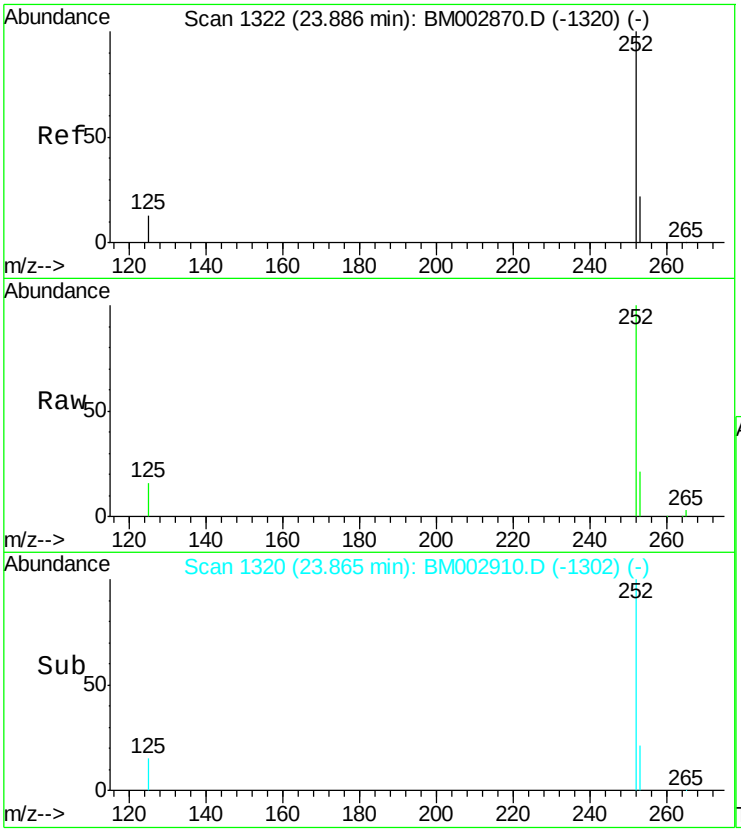


#36
Benzo(b)fluoranthene
Concen: 0.77 ng
RT: 23.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Tgt Ion:252 Resp: 81531

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	14.3	12.4	18.6



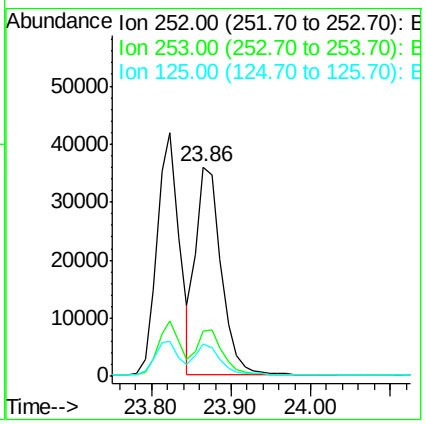


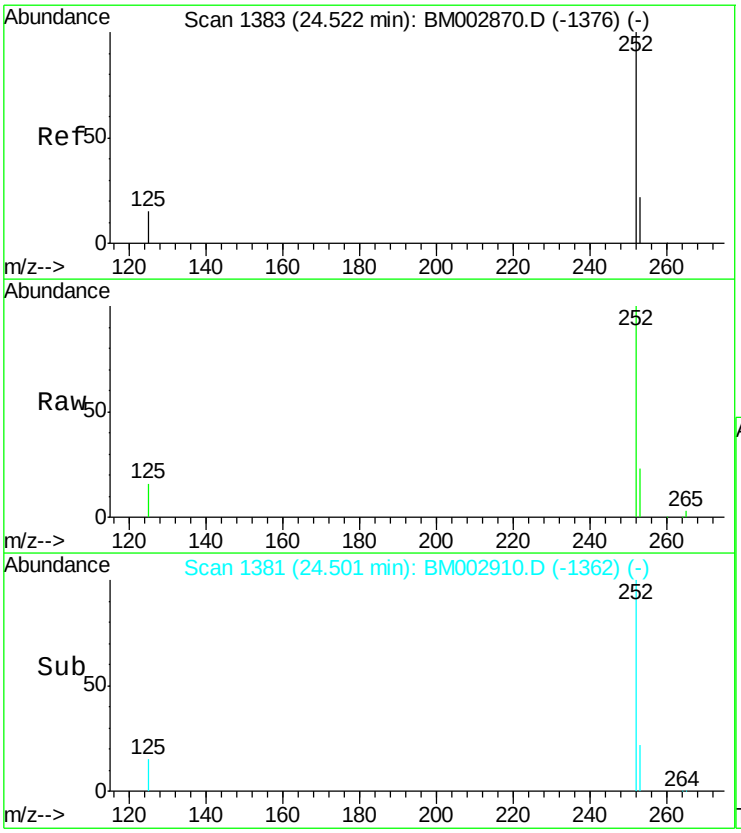
#37
Benzo(k)fluoranthene
Concen: 0.78 ng
RT: 23.86 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 79165

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	15.6	12.3	18.5

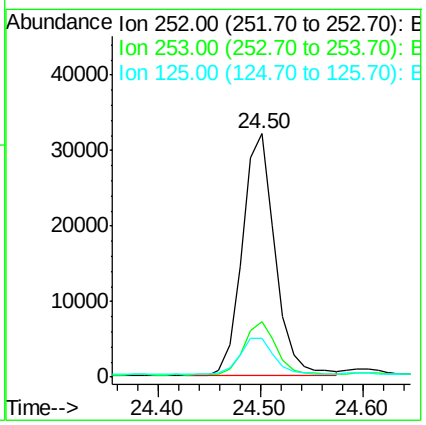


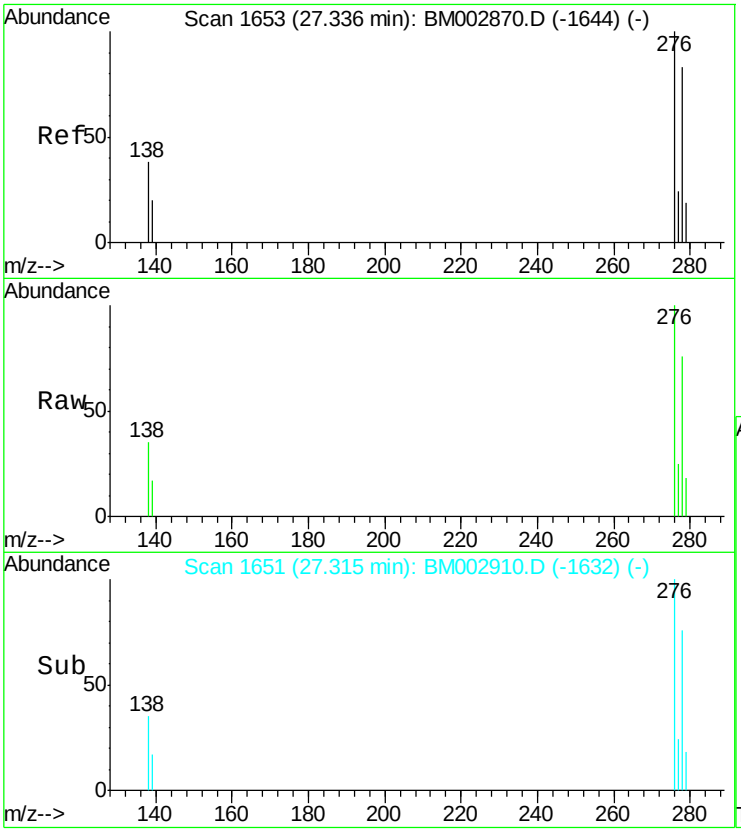


#38
Benzo(a)pyrene
Concen: 0.73 ng
RT: 24.50 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Tgt Ion:252 Resp: 71109

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	16.2	13.3	19.9



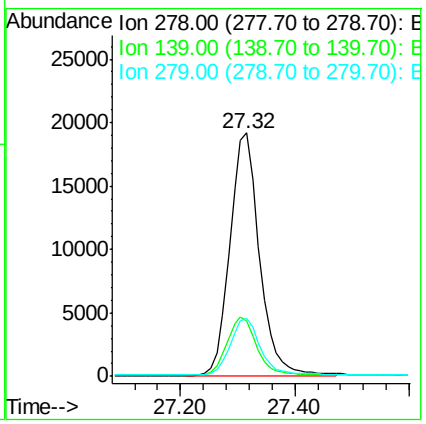


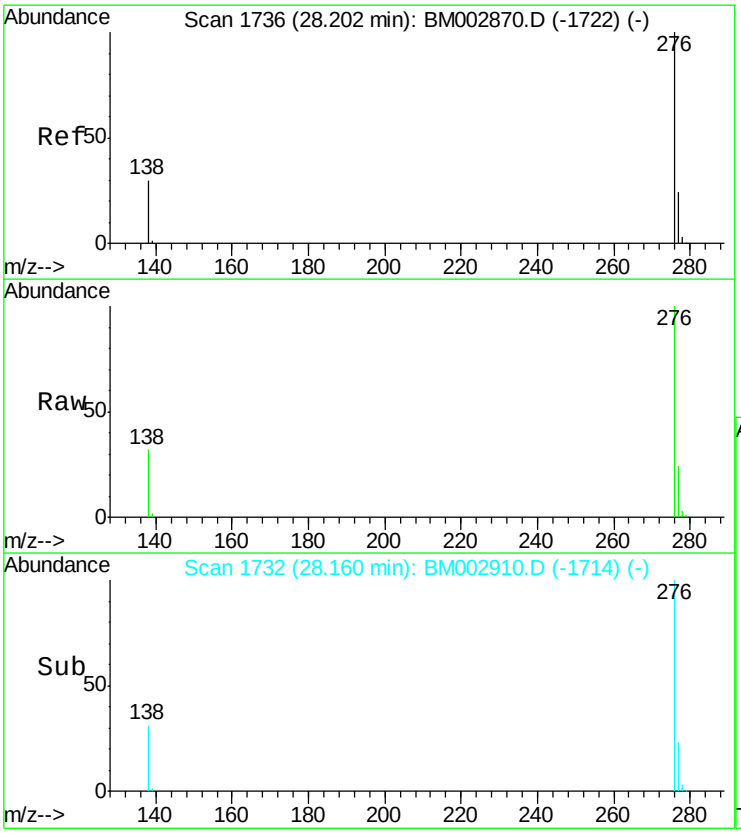
#39
Dibenzo(a,h)anthracene
Concen: 0.72 ng
RT: 27.32 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:278 Resp: 68369

Ion	Ratio	Lower	Upper
278	100		
139	22.8	19.8	29.6
279	23.9	19.1	28.7





#40
Benzo(g,h,i)perylene
Concen: 0.74 ng
RT: 28.16 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM002910.D
Acq: 15 Oct 2015 12:12

Tgt Ion:276 Resp: 71679

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.0
138	31.9	24.4	36.6