Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100815\
Data File : BM002871.D
Acq On : 08 Oct 2015 19:45
Operator : UM/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC002

Quant Time: Oct 09 00:58:08 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM100815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 00:55:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	56264	5.00	ng		-0.02
7) Naphthalene-d8	11.52	136	234999	5.00	ng		0.00
13) Acenaphthene-d10	15.25	164	128678	5.00	ng		0.00
19) Phenanthrene-d10	17.95	188	266156	5.00	ng		0.00
26) Chrysene-d12	22.06	240	301666	5.00	ng		0.00
35) Perylene-d12	24.63	264	290148	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	6.15	112	21583	1.83	ng		0.00
5) Phenol-d6	7.80	99	28813	1.97	ng		0.00
8) Nitrobenzene-d5	9.87	82	23715	1.88	ng		0.00
14) 2,4,6-Tribromophenol	16.74	330	7941	1.90	ng		0.00
15) 2-Fluorobiphenyl	13.89	172	76092	2.13	ng		-0.01
29) Terphenyl-d14	20.48	244	81715	2.10	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	9711	1.01	ng		97
3) n-Nitrosodimethylamine	4.16	42	8963	0.96	ng	#	99
6) bis(2-Chloroethyl)ether	8.06	93	25703	1.54	ng		97
9) Nitrobenzene	9.92	77	25255	1.86	ng		99
10) Naphthalene	11.56	128	99794	1.96	ng		96
11) Hexachlorobutadiene	11.81	225	15869	1.90	ng		100
12) 2-Methylnaphthalene	13.14	142	68017	2.23	ng		95
16) Acenaphthylene	14.99	152	106564	0.54	ng		100
17) Acenaphthene	15.30	154	65564	1.90	ng	#	100
18) Fluorene	16.30	166	80680	1.89	ng		99
20) 4-Bromophenyl-phenylether	17.13	248	27130	2.57	ng		96
21) Hexachlorobenzene	17.29	284	28905	0.61	ng	#	49
22) Pentachlorophenol	17.64	266	2256	0.63	ng		94
23) Phenanthrene	18.00	178	148063	2.14	ng		100
24) Anthracene	18.10	178	118043	1.93	ng		99
25) Fluoranthene	19.97	202	161249	1.97	ng		99
27) Benzidine	20.12	184	80619	7.48	ng		94
28) Pyrene	20.33	202	169774	2.14	ng		100
30) Benzo(a)anthracene	22.04	228	157858	2.16	ng		98
31) 3,3'-Dichlorobenzidine	21.95	252	61453	4.09	ng	#	95
32) Chrysene	22.04	228	157858	1.73	ng		97
33) Bis(2-ethylhexyl)phthalate	21.85	149	89503	2.65	ng	#	59
34) Indeno(1,2,3-cd)pyrene	27.34	276	172775	2.24	ng		100
36) Benzo(b)fluoranthene	23.83	252	159080	2.36	ng		98
37) Benzo(k)fluoranthene	23.89	252	160346	1.83	ng		99
38) Benzo(a)pyrene	24.51	252	147057	2.37	ng		98
39) Dibenzo(a,h)anthracene	27.34	278	138023	2.25	ng		98
40) Benzo(g,h,i)perylene	28.19	276	140918	2.13	ng		100

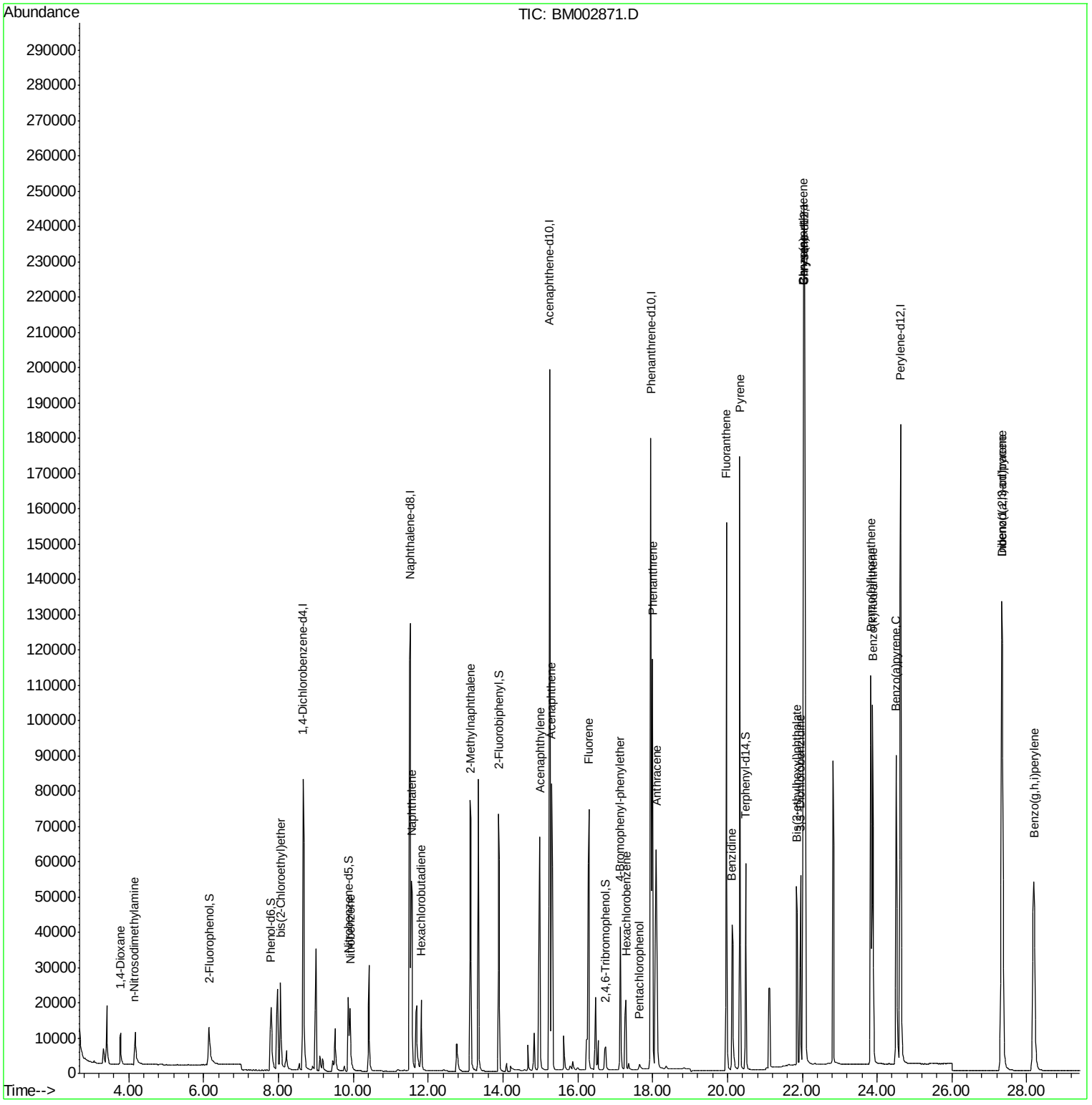
(#) = qualifier out of range (m) = manual integration (+) = signals summed

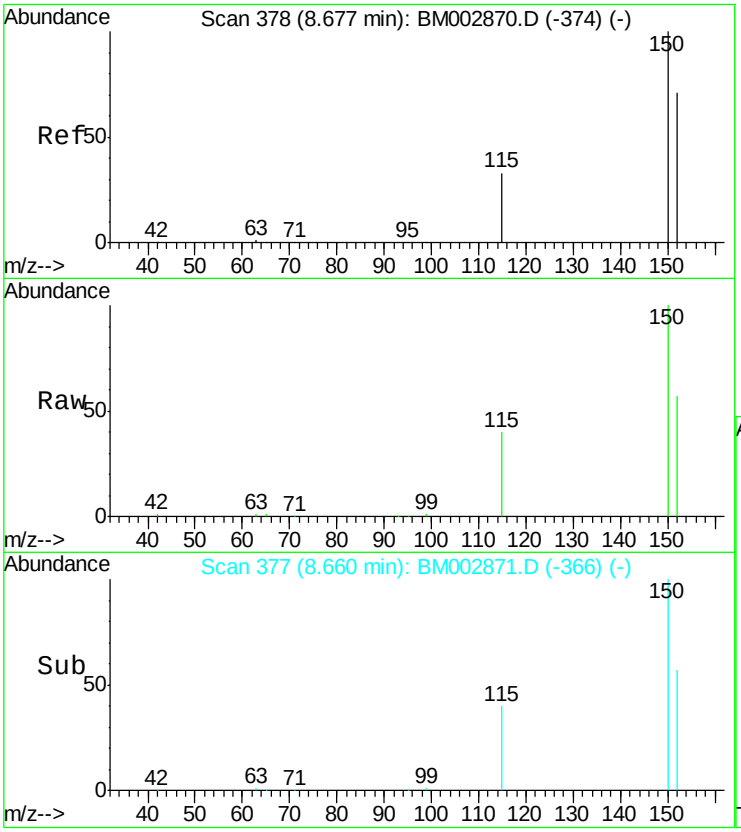
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100815\
Data File : BM002871.D
Acq On : 08 Oct 2015 19:45
Operator : UM/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC002

Quant Time: Oct 09 00:58:08 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM100815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 00:55:43 2015
Response via : Initial Calibration



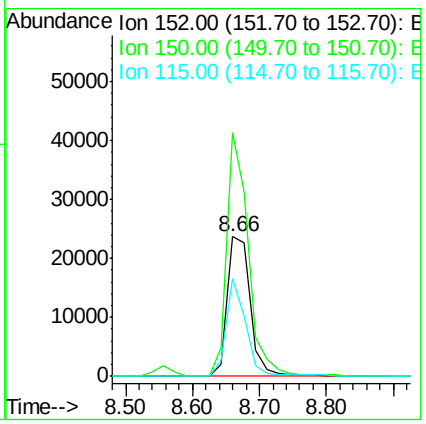


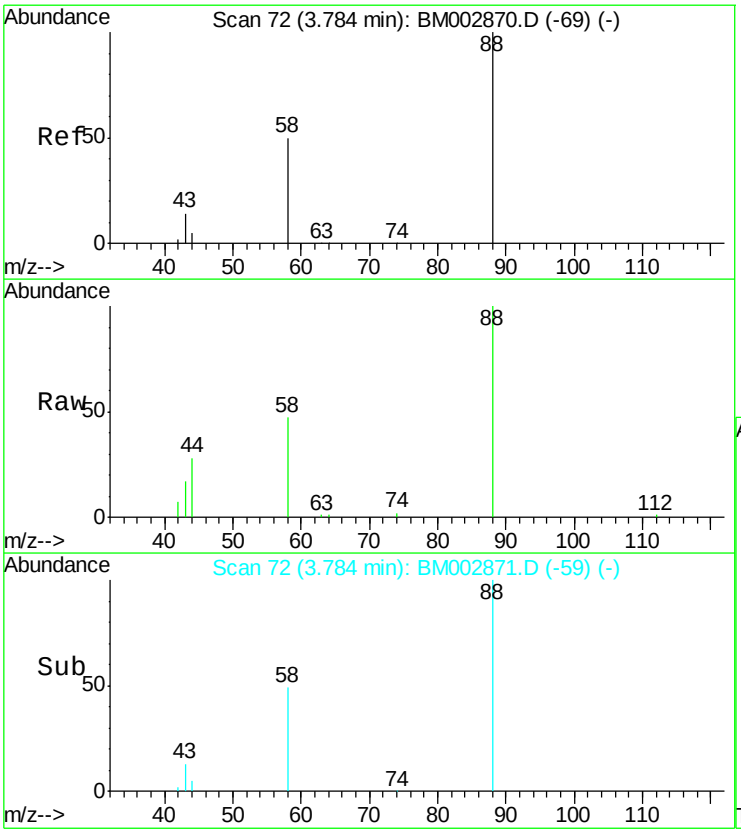
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.66 min Scan# 377
Delta R.T. -0.02 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:152 Resp: 56264

Ion	Ratio	Lower	Upper
152	100		
150	174.3	113.0	169.6#
115	69.9	37.9	56.9#

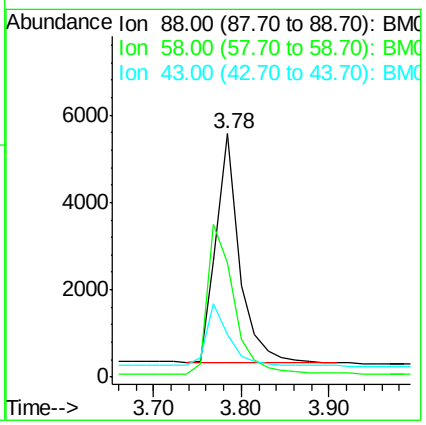


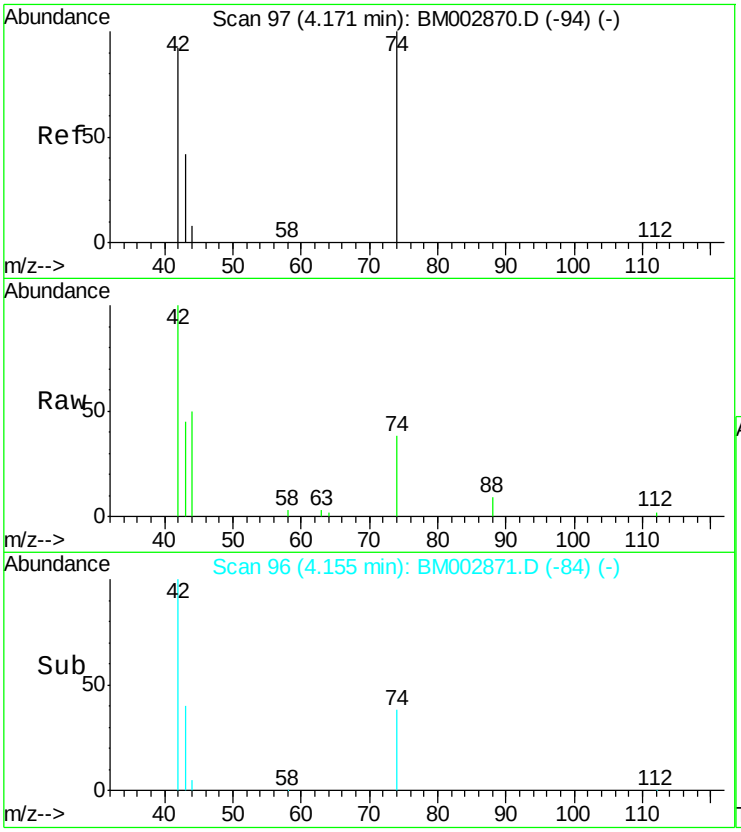


#2
1,4-Dioxane
Concen: 1.01 ng
RT: 3.78 min Scan# 72
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Tgt Ion: 88 Resp: 9711

Ion	Ratio	Lower	Upper
88	100		
58	72.7	56.7	85.1
43	25.5	22.0	33.0



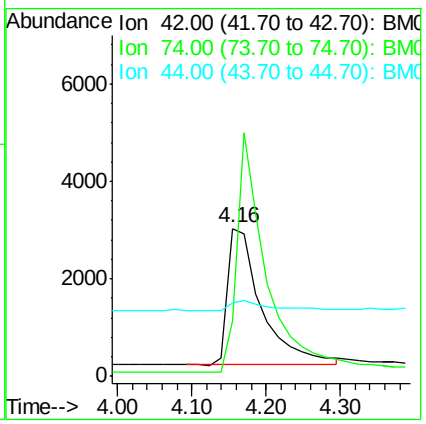


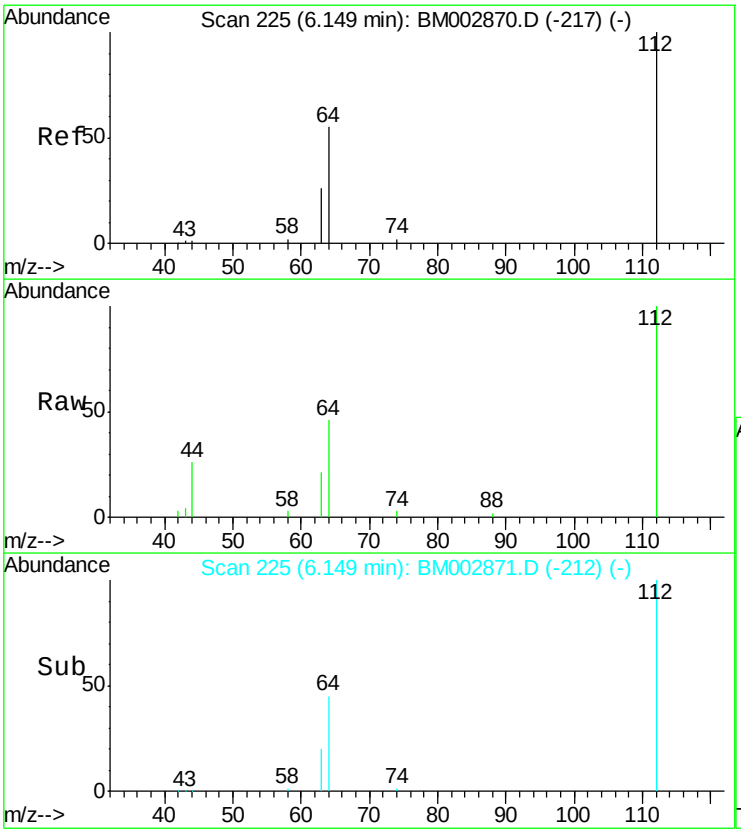
#3
n-Nitrosodimethylamine
Concen: 0.96 ng
RT: 4.16 min Scan# 96
Delta R.T. -0.02 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion: 42 Resp: 8963

Ion	Ratio	Lower	Upper
42	100		
74	148.6	119.7	179.5
44	8.6	9.8	14.6#

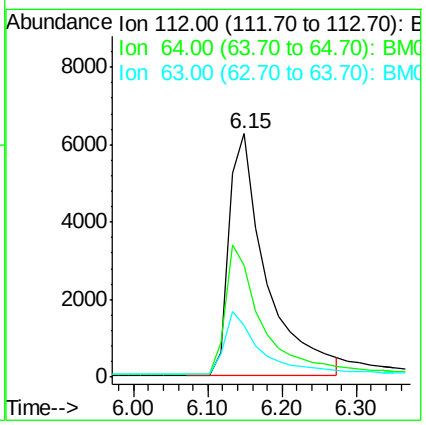


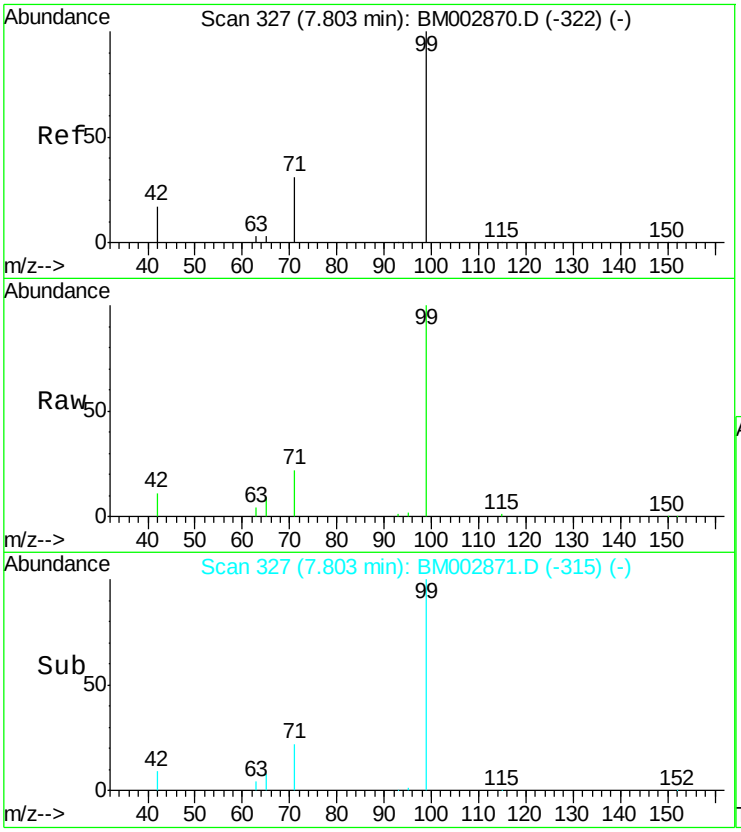


#4
2-Fluorophenol
Concen: 1.83 ng
RT: 6.15 min Scan# 225
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Tgt Ion:112 Resp: 21583

Ion	Ratio	Lower	Upper
112	100		
64	52.1	42.0	63.0
63	24.8	20.0	30.0



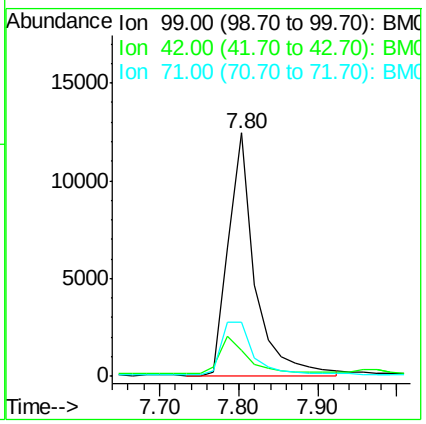


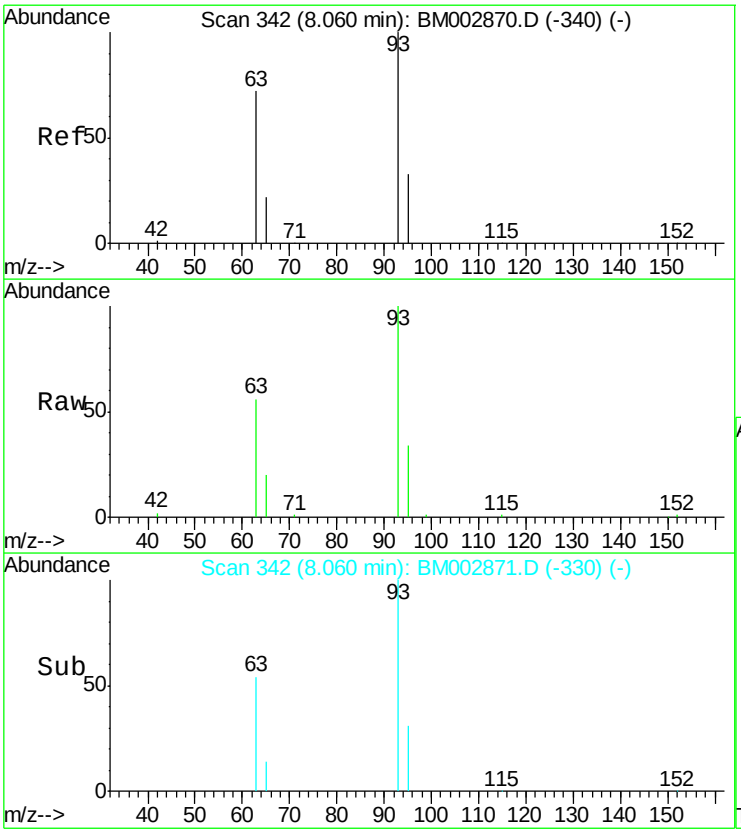
#5
Phenol-d6
Concen: 1.97 ng
RT: 7.80 min Scan# 327
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion: 99 Resp: 28813

Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.4	18.6
71	26.7	21.4	32.0

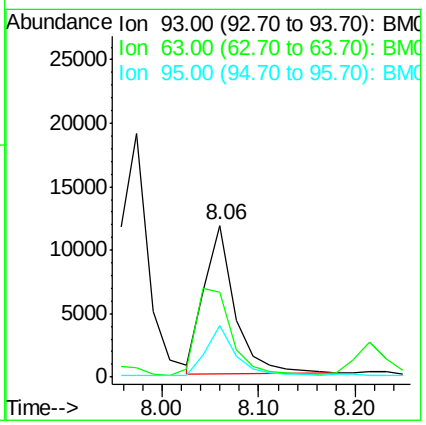


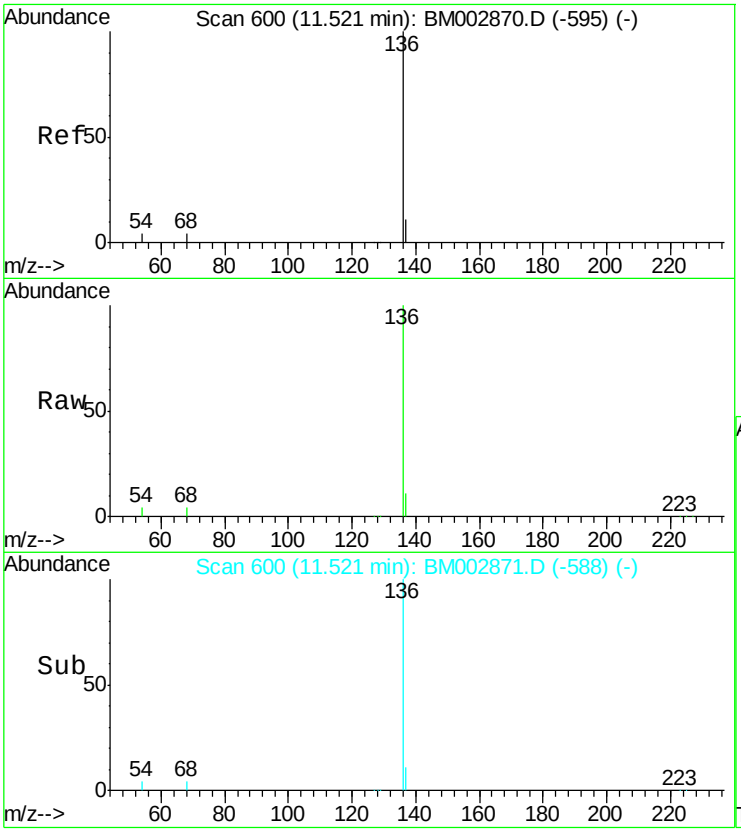


#6
bis(2-Chloroethyl)ether
Concen: 1.54 ng
RT: 8.06 min Scan# 342
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Tgt Ion: 93 Resp: 25703

Ion	Ratio	Lower	Upper
93	100		
63	69.6	52.9	79.3
95	32.3	25.2	37.8



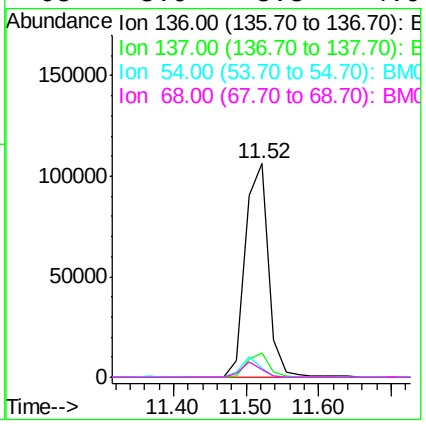


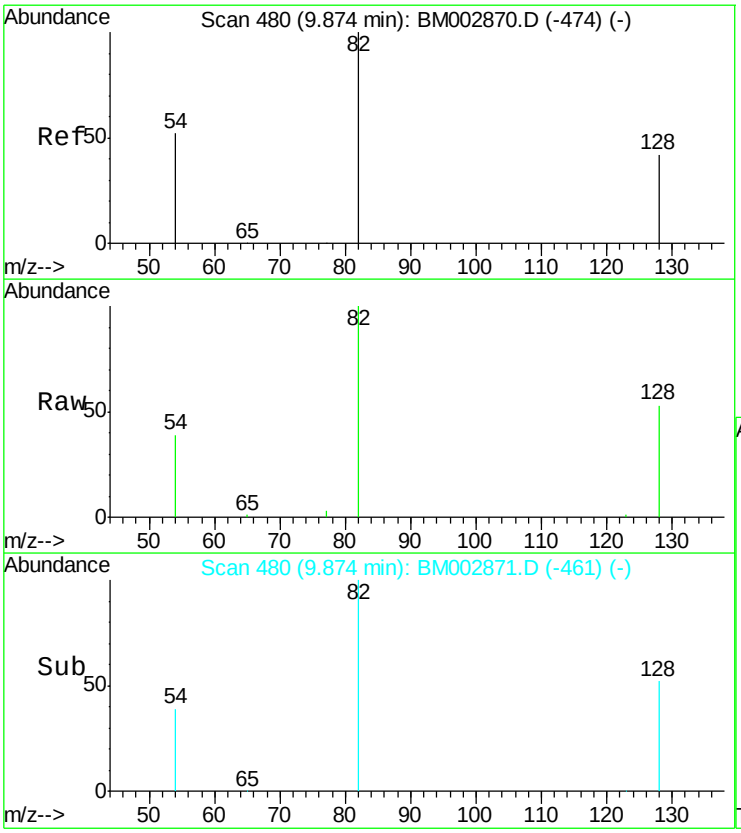
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 11.52 min Scan# 600
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:136 Resp: 234999

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	4.1	3.5	5.3
68	3.9	3.3	4.9

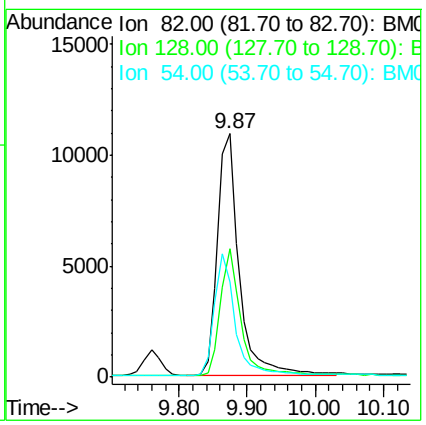


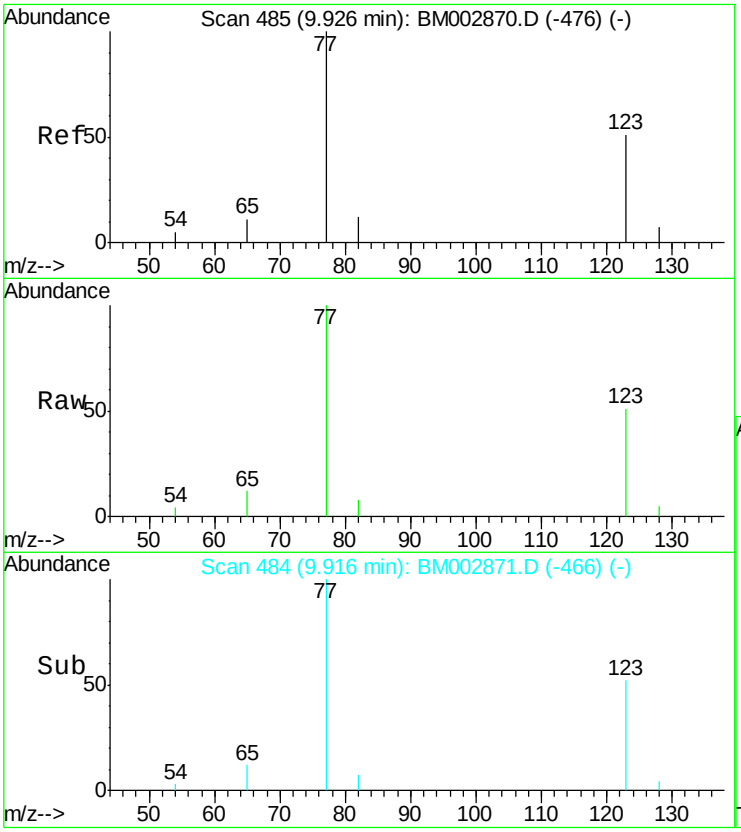


#8
Nitrobenzene-d5
Concen: 1.88 ng
RT: 9.87 min Scan# 480
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Tgt Ion: 82 Resp: 23715

Ion	Ratio	Lower	Upper
82	100		
128	52.6	34.1	51.1#
54	39.2	42.6	63.8#



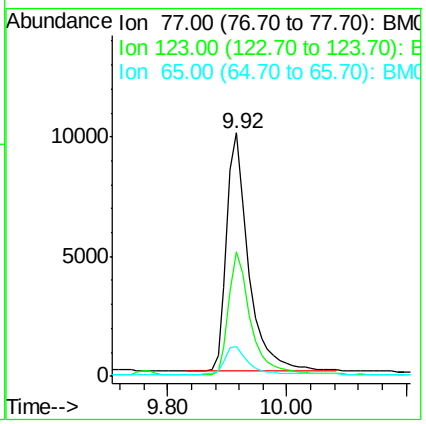


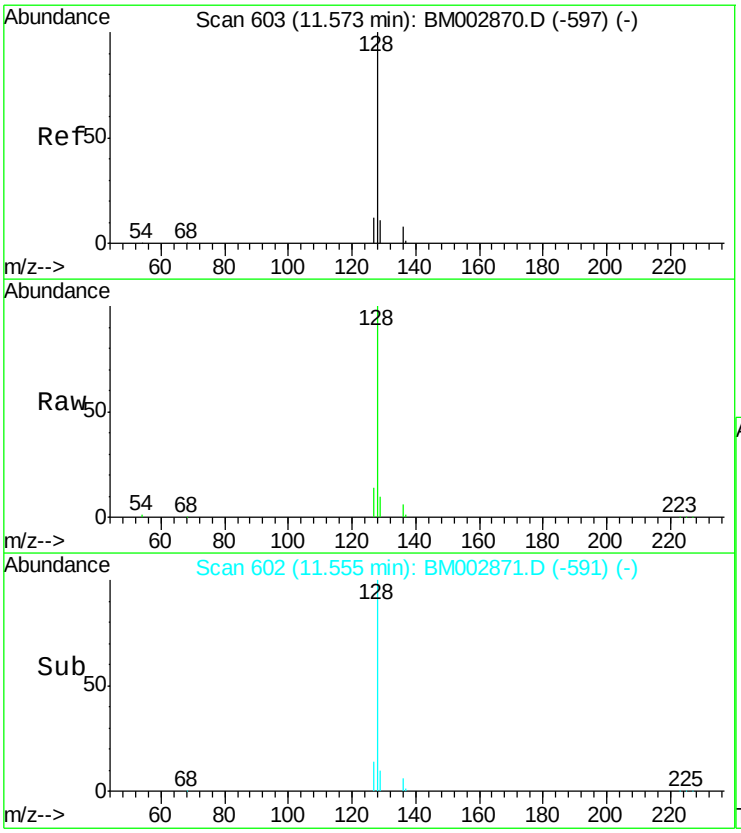
#9
Nitrobenzene
Concen: 1.86 ng
RT: 9.92 min Scan# 484
Delta R.T. -0.01 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion: 77 Resp: 25255

Ion	Ratio	Lower	Upper
77	100		
123	51.8	41.0	61.4
65	12.1	9.7	14.5

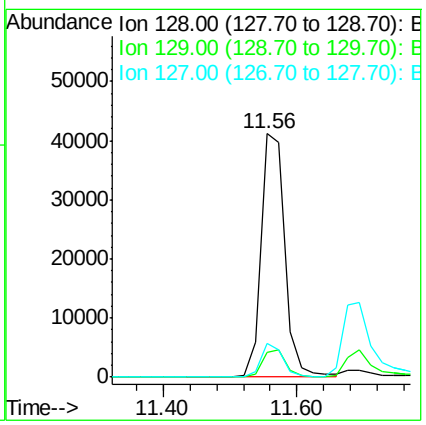


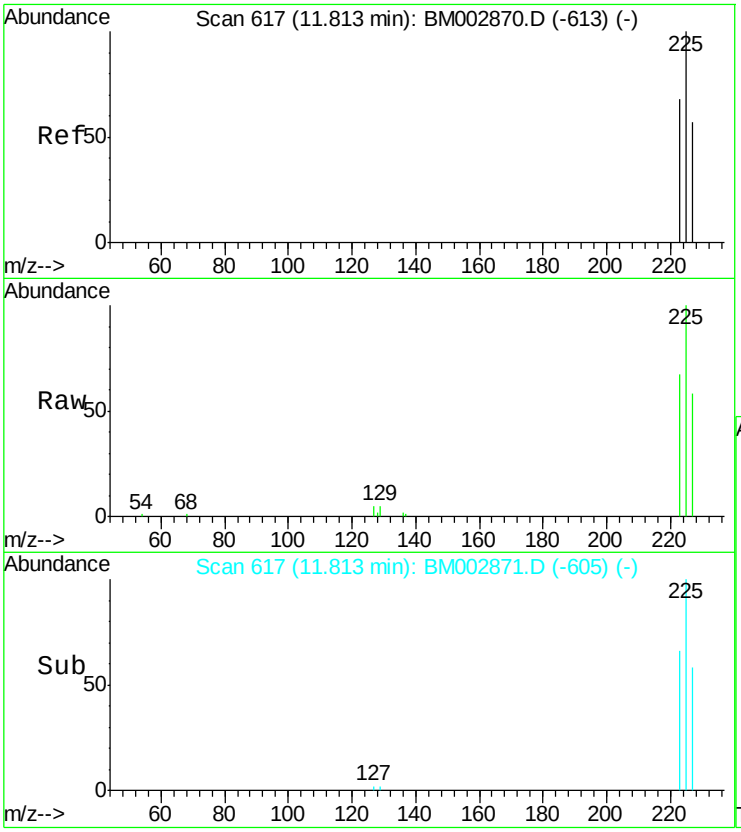


#10
Naphthalene
Concen: 1.96 ng
RT: 11.56 min Scan# 602
Delta R.T. -0.02 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Tgt Ion:128 Resp: 99794

Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.4	14.2
127	13.9	9.6	14.4



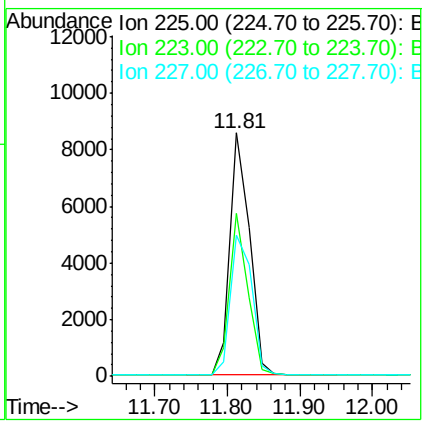


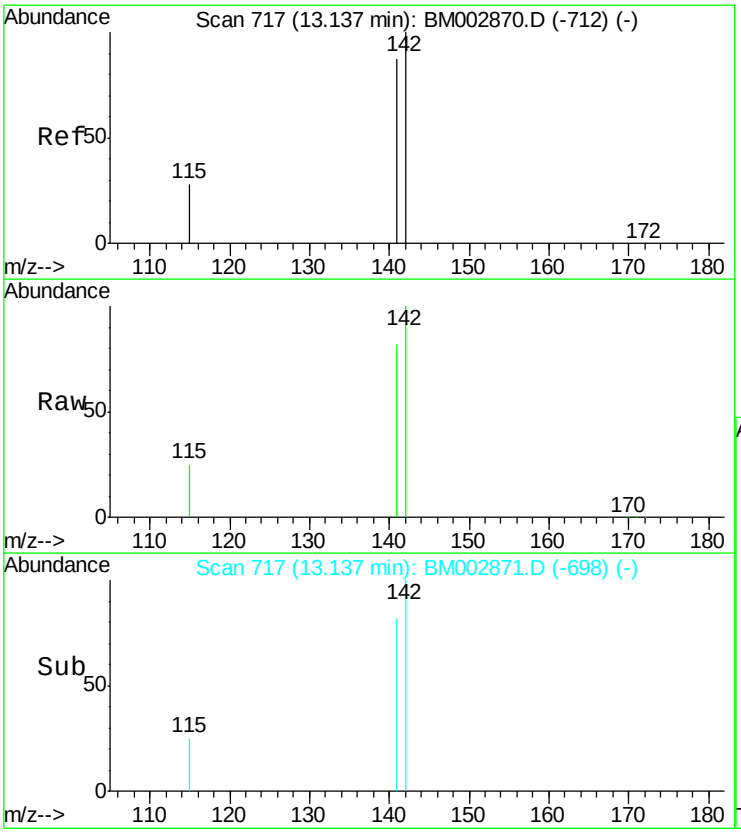
#11
Hexachlorobutadiene
Concen: 1.90 ng
RT: 11.81 min Scan# 617
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:225 Resp: 15869

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.1	75.1
227	63.4	51.2	76.8

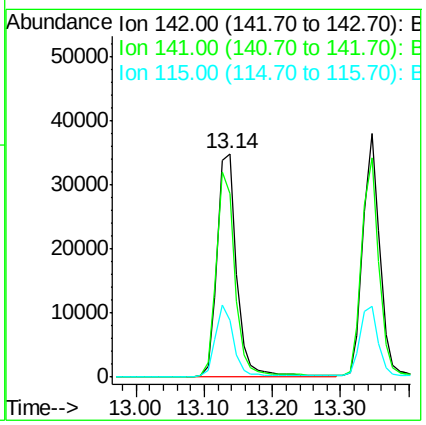


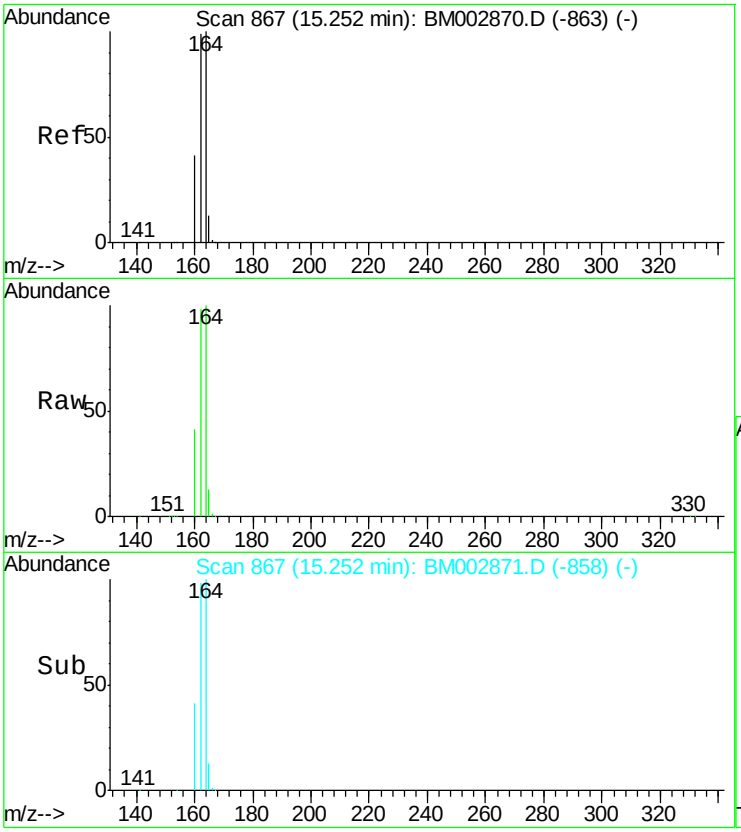


#12
2-Methylnaphthalene
Concen: 2.23 ng
RT: 13.14 min Scan# 717
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Tgt Ion:142 Resp: 68017

Ion	Ratio	Lower	Upper
142	100		
141	82.1	69.4	104.0
115	25.2	22.7	34.1



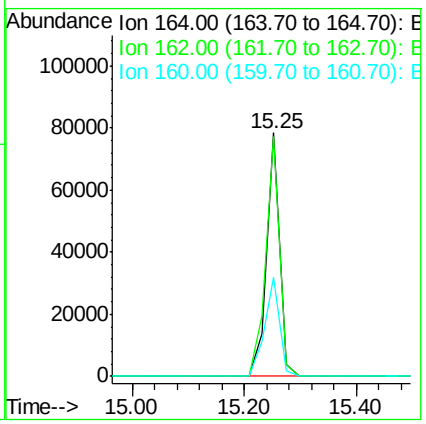


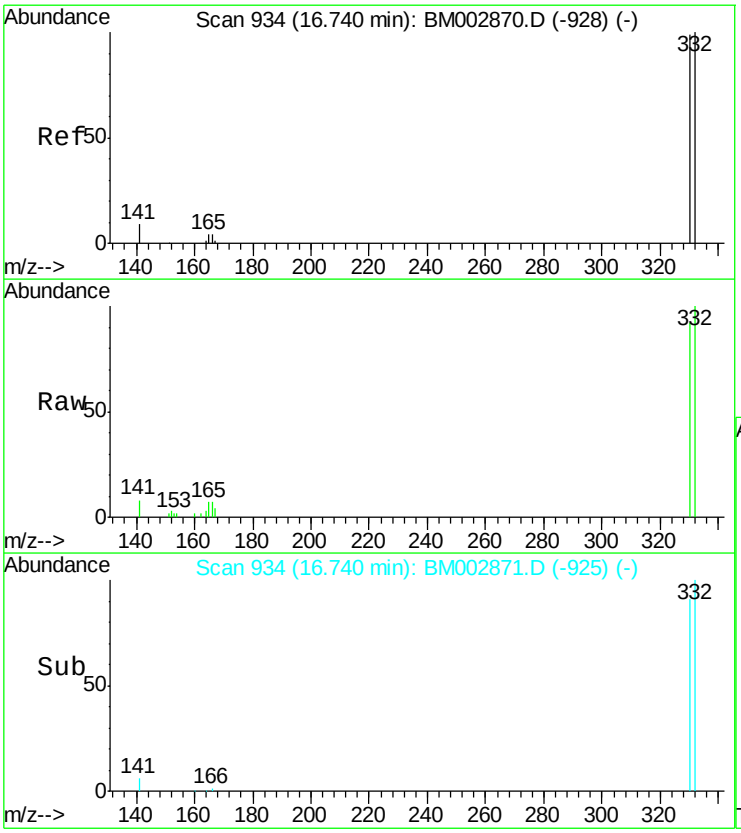
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 15.25 min Scan# 867
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:164 Resp: 128678

Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.6	119.4
160	40.6	33.1	49.7

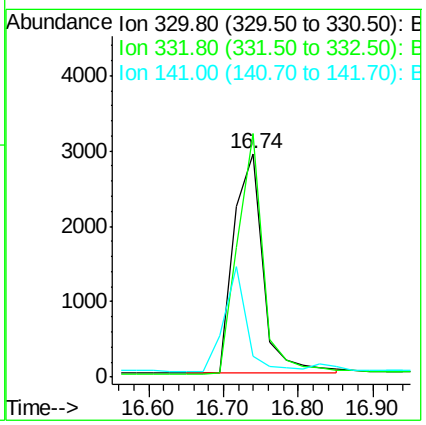


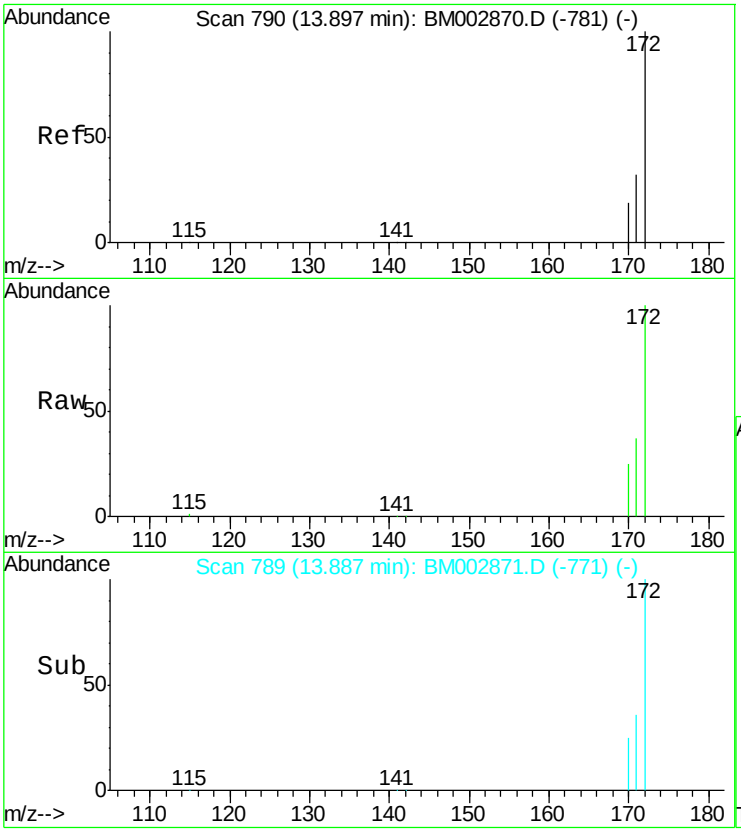


#14
2,4,6-Tribromophenol
Concen: 1.90 ng
RT: 16.74 min Scan# 934
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Tgt Ion:330 Resp: 7941

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	0.0	0.0	0.0



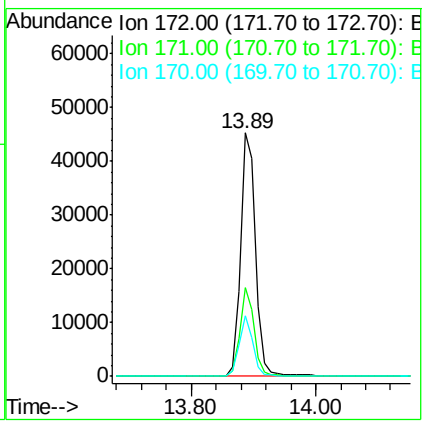


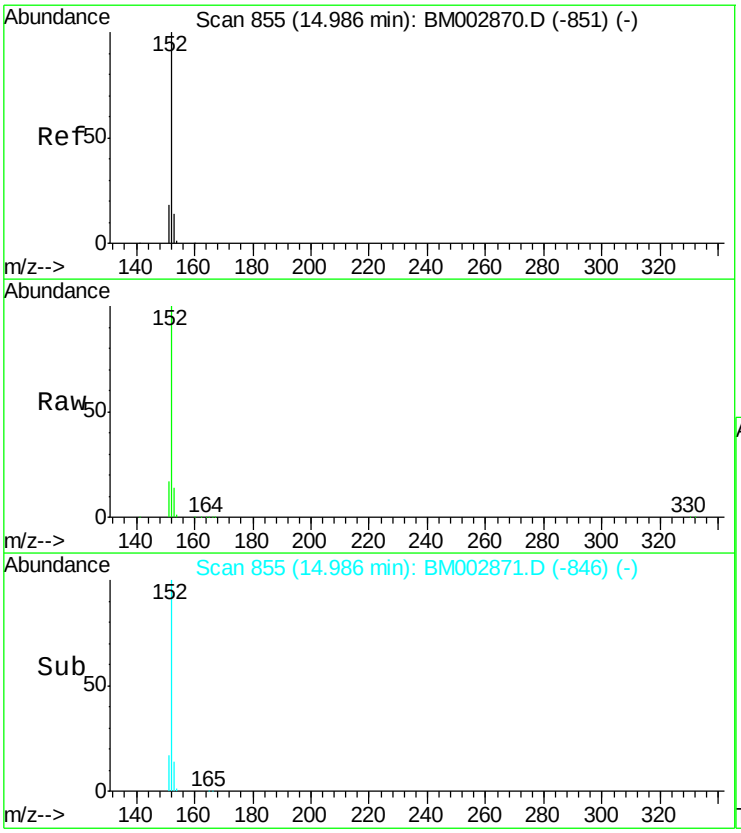
#15
2-Fluorobiphenyl
Concen: 2.13 ng
RT: 13.89 min Scan# 789
Delta R.T. -0.01 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:172 Resp: 76092

Ion	Ratio	Lower	Upper
172	100		
171	36.6	26.1	39.1
170	24.8	15.7	23.5#

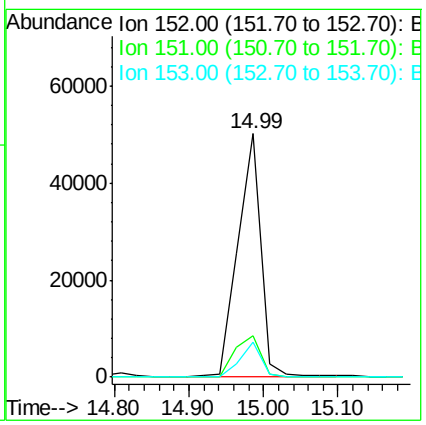


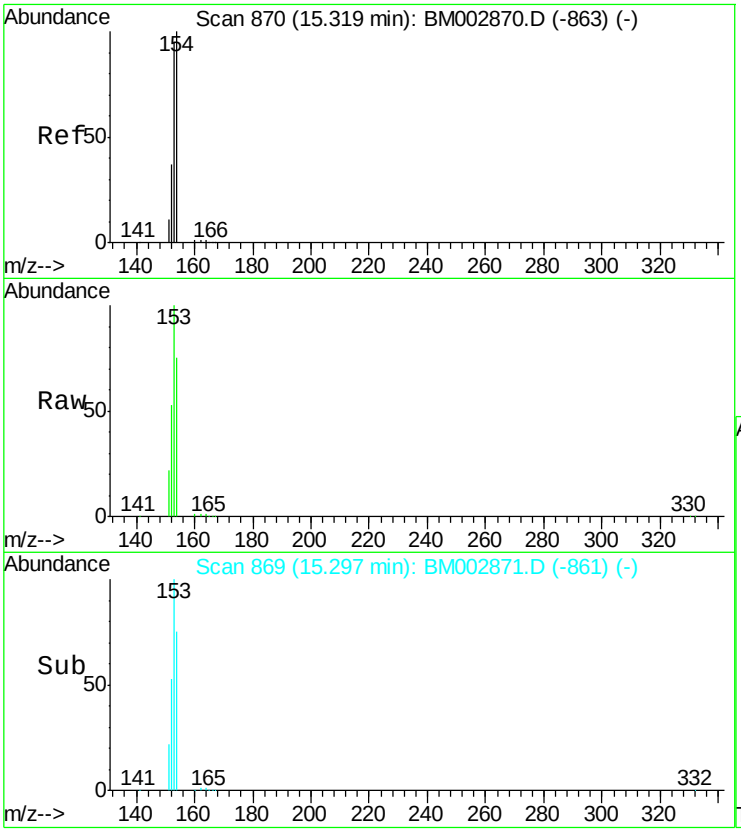


#16
Acenaphthylene
Concen: 0.54 ng
RT: 14.99 min Scan# 855
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Tgt Ion:152 Resp: 106564

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.3	22.9
153	13.1	10.5	15.7



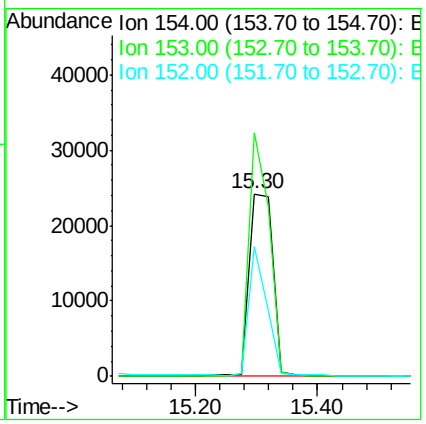


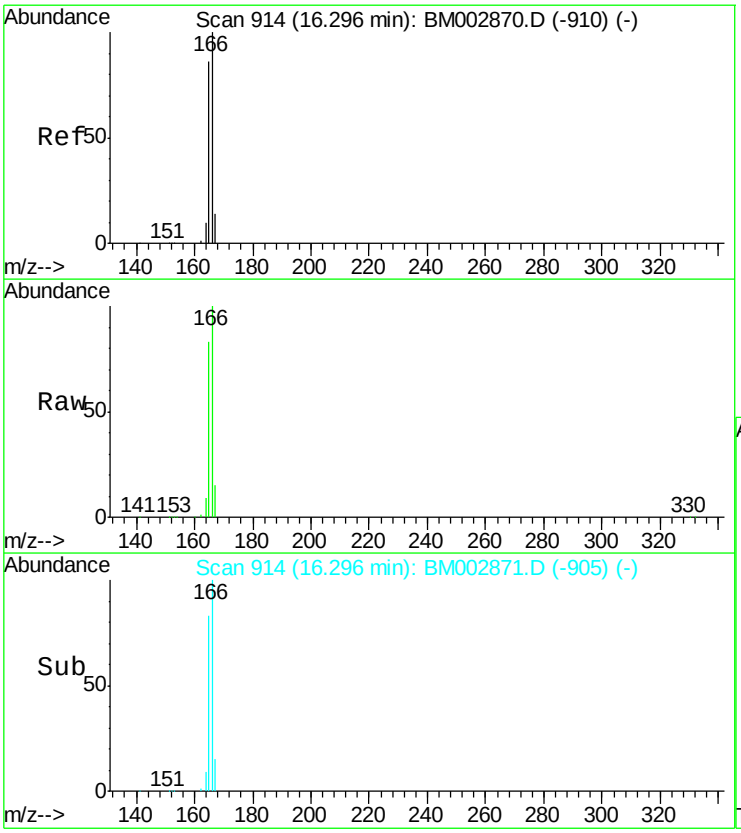
#17
Acenaphthene
Concen: 1.90 ng
RT: 15.30 min Scan# 869
Delta R.T. -0.02 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:154 Resp: 65564

Ion	Ratio	Lower	Upper
154	100		
153	113.0	0.0	0.0#
152	53.5	0.0	0.0#

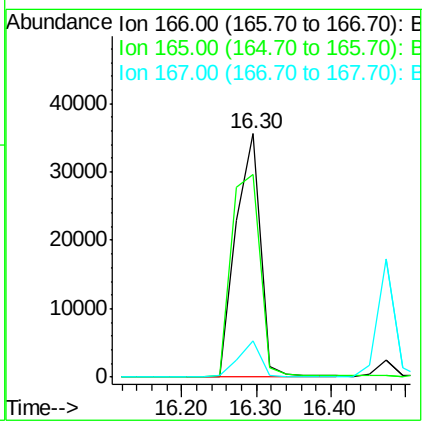


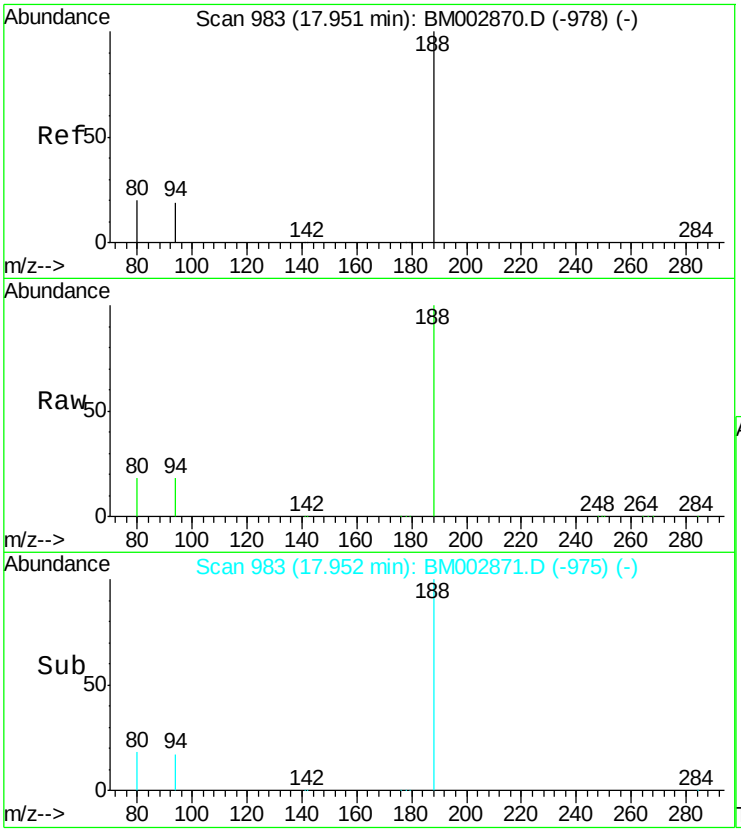


#18
Fluorene
Concen: 1.89 ng
RT: 16.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Tgt Ion:166 Resp: 80680

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.3	115.9
167	13.5	10.9	16.3



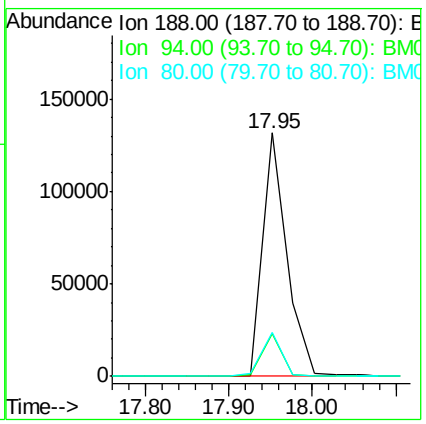


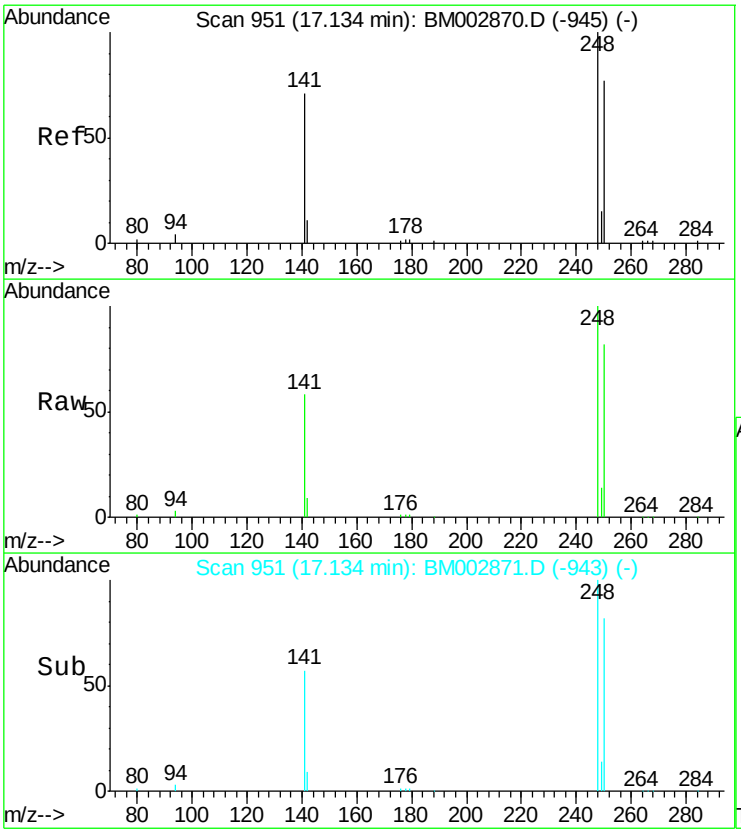
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.95 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:188 Resp: 266156

Ion	Ratio	Lower	Upper
188	100		
94	17.6	15.2	22.8
80	17.9	15.9	23.9

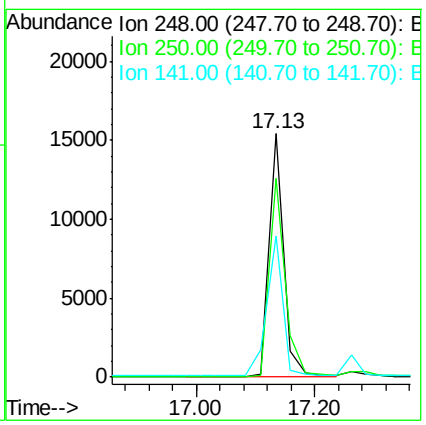


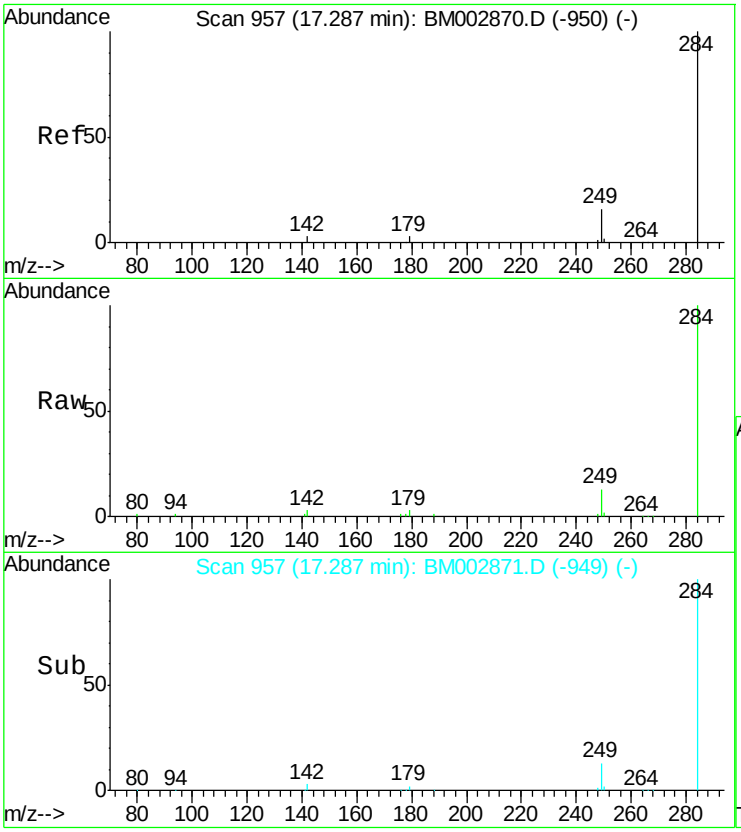


#20
4-Bromophenyl-phenylether
Concen: 2.57 ng
RT: 17.13 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Tgt Ion:248 Resp: 27130

Ion	Ratio	Lower	Upper
248	100		
250	90.1	71.4	107.2
141	62.3	54.6	82.0



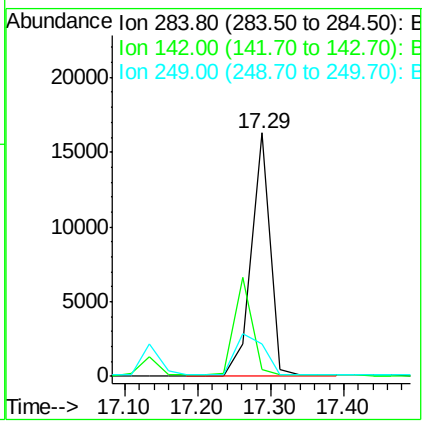


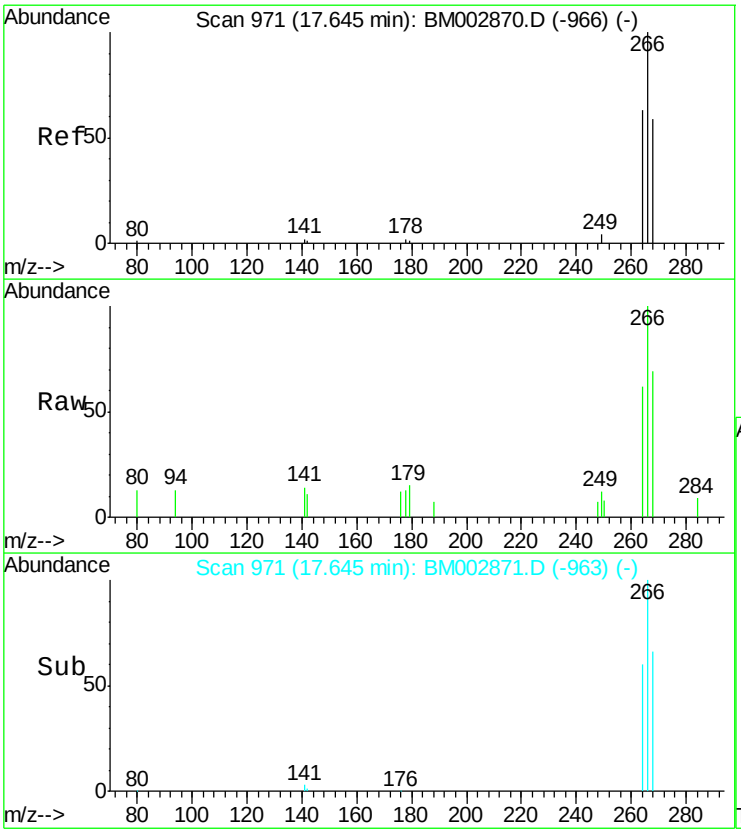
#21
Hexachlorobenzene
Concen: 0.61 ng
RT: 17.29 min Scan# 957
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:284 Resp: 28905

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

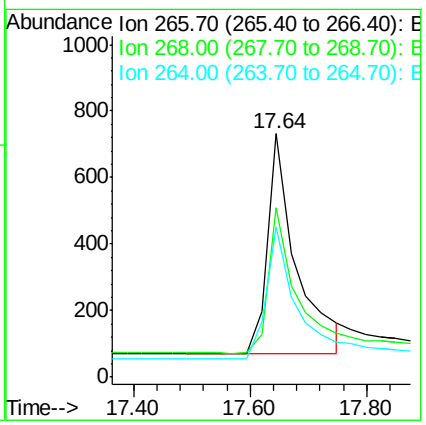


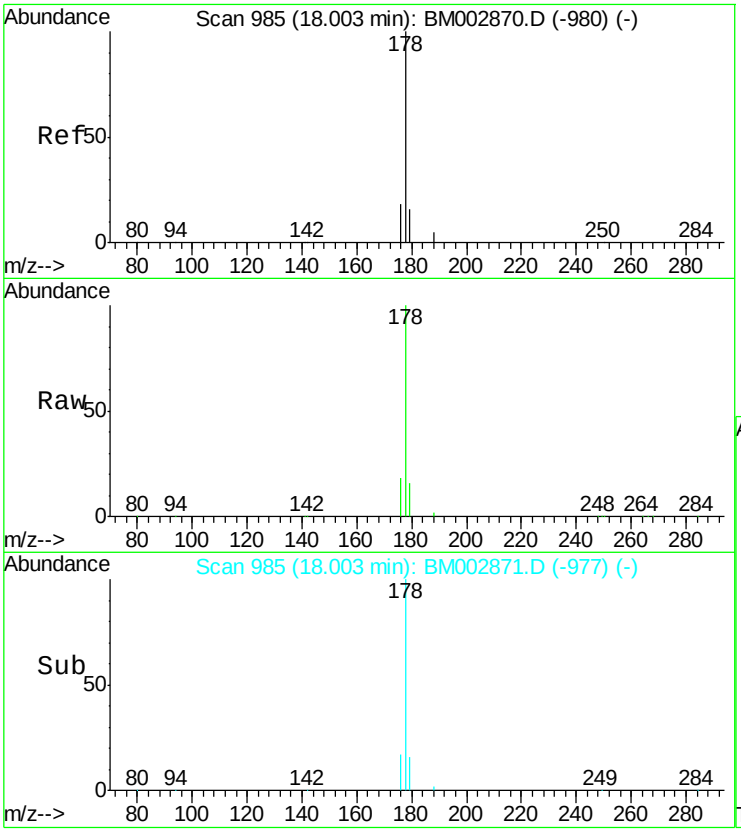


#22
Pentachlorophenol
Concen: 0.63 ng
RT: 17.64 min Scan# 971
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Tgt Ion:266 Resp: 2256

Ion	Ratio	Lower	Upper
266	100		
268	69.4	58.3	87.5
264	61.9	54.2	81.2



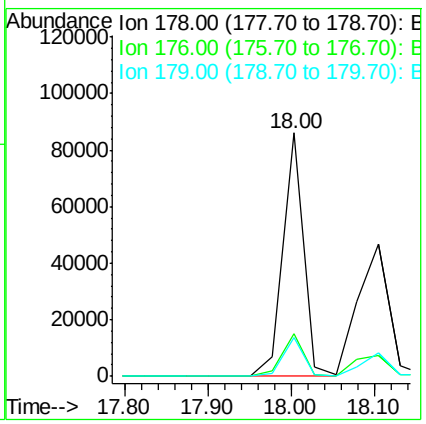


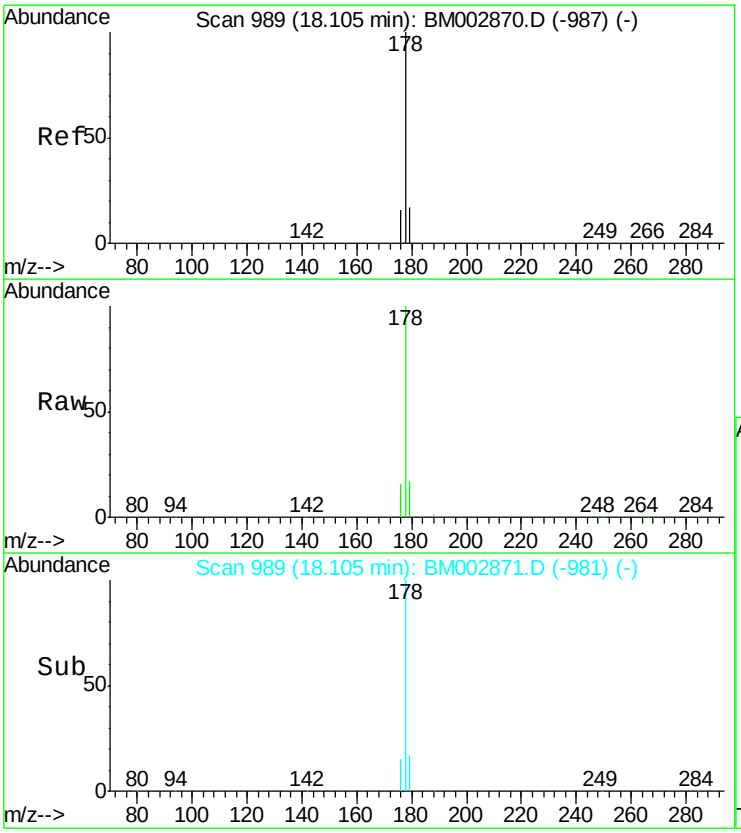
#23
Phenanthrene
Concen: 2.14 ng
RT: 18.00 min Scan# 985
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:178 Resp: 148063

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	15.5	12.5	18.7

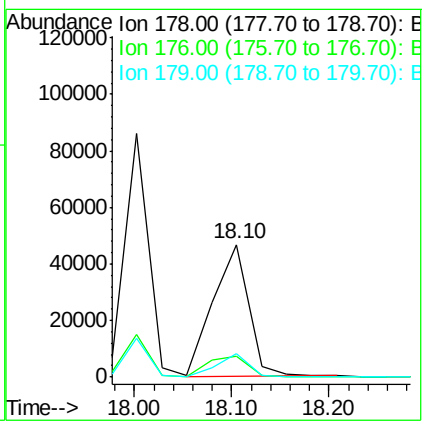


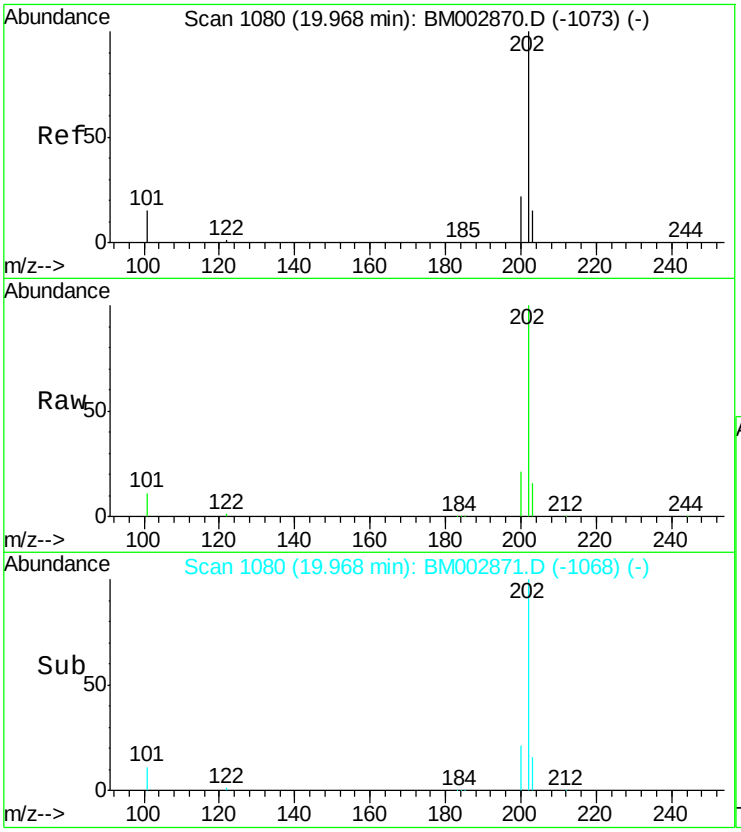


#24
Anthracene
Concen: 1.93 ng
RT: 18.10 min Scan# 989
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Tgt Ion:178 Resp: 118043

Ion	Ratio	Lower	Upper
178	100		
176	18.0	13.9	20.9
179	15.4	12.6	18.8



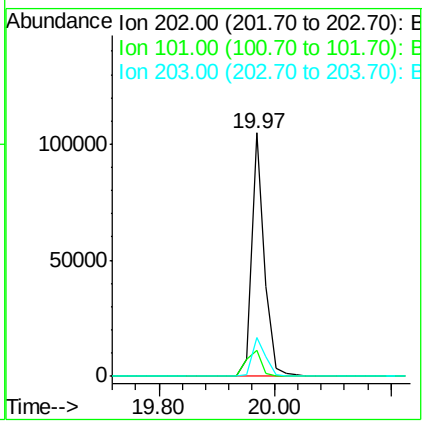


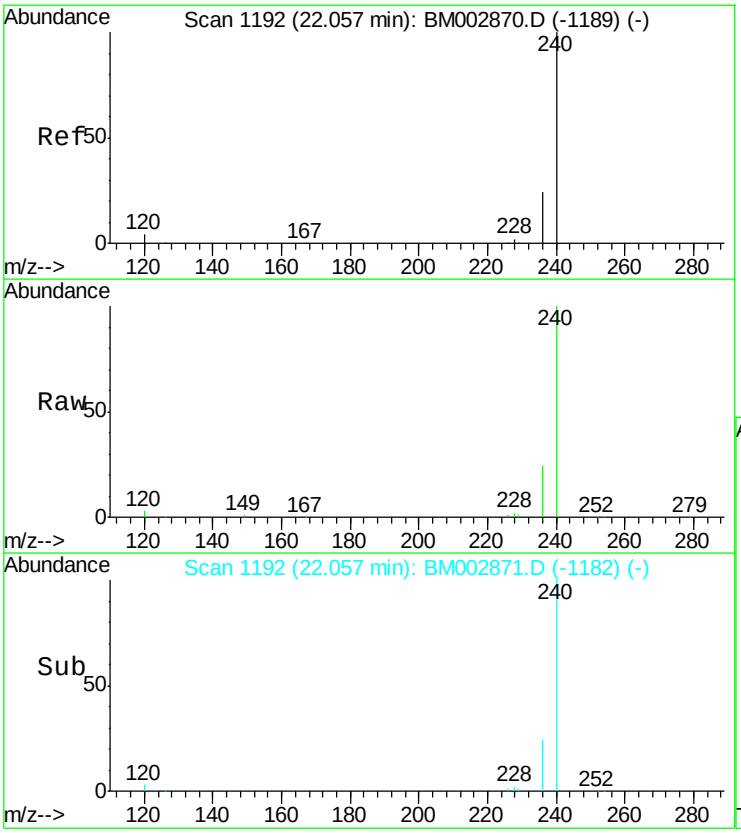
#25
Fluoranthene
Concen: 1.97 ng
RT: 19.97 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:202 Resp: 161249

Ion	Ratio	Lower	Upper
202	100		
101	13.2	11.0	16.6
203	17.1	13.8	20.6

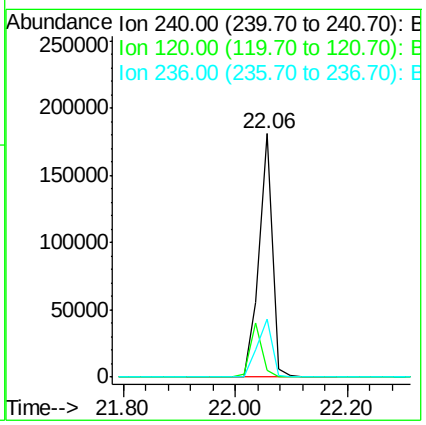


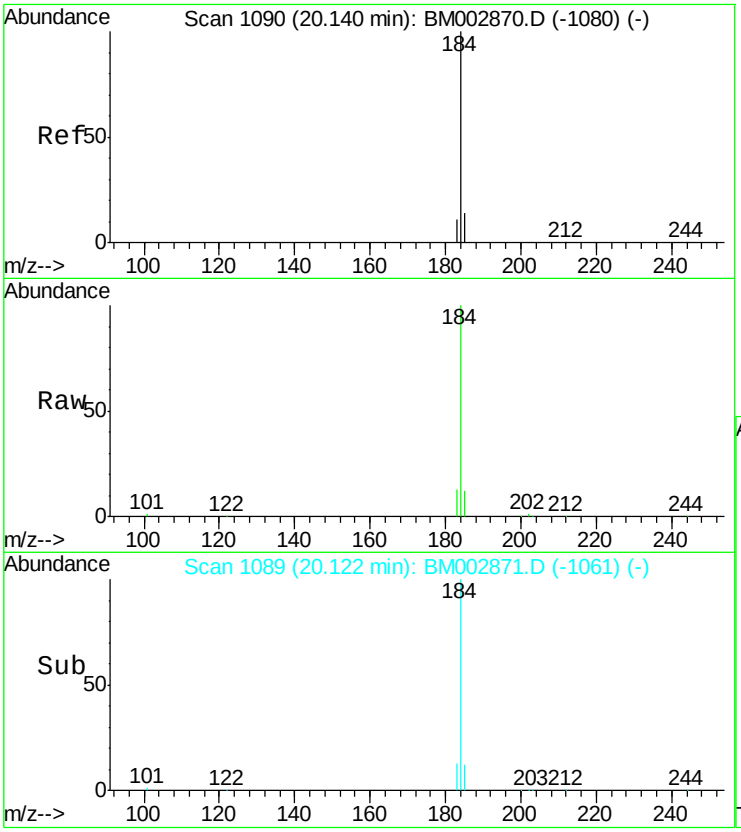


#26
Chrysene-d12
Concen: 5.00 ng
RT: 22.06 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Tgt Ion:240 Resp: 301666

Ion	Ratio	Lower	Upper
240	100		
120	2.8	3.3	4.9#
236	23.6	19.5	29.3



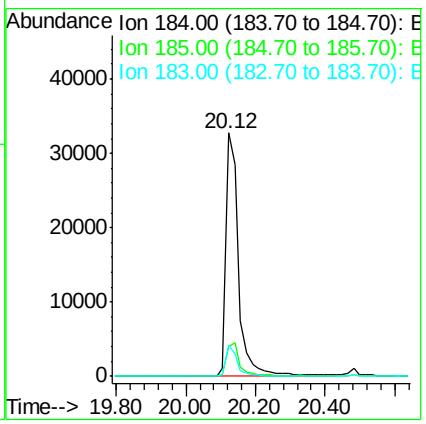


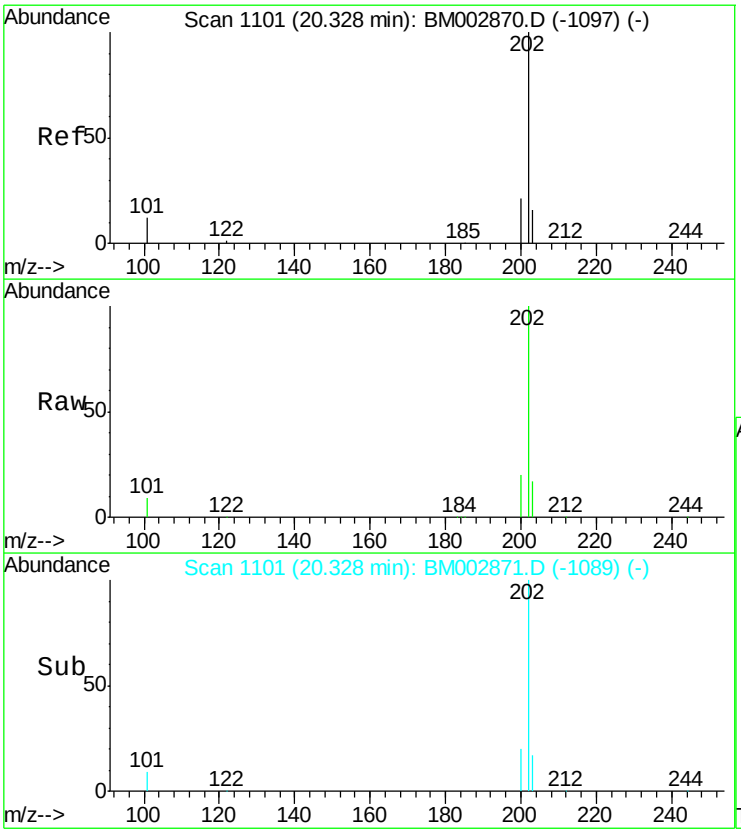
#27
Benzidine
Concen: 7.48 ng
RT: 20.12 min Scan# 1089
Delta R.T. -0.02 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:184 Resp: 80619

Ion	Ratio	Lower	Upper
184	100		
185	12.3	12.0	18.0
183	13.0	8.9	13.3

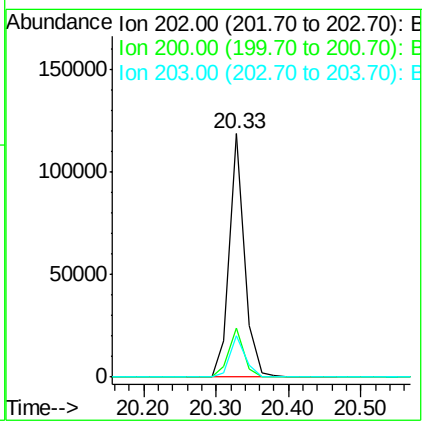


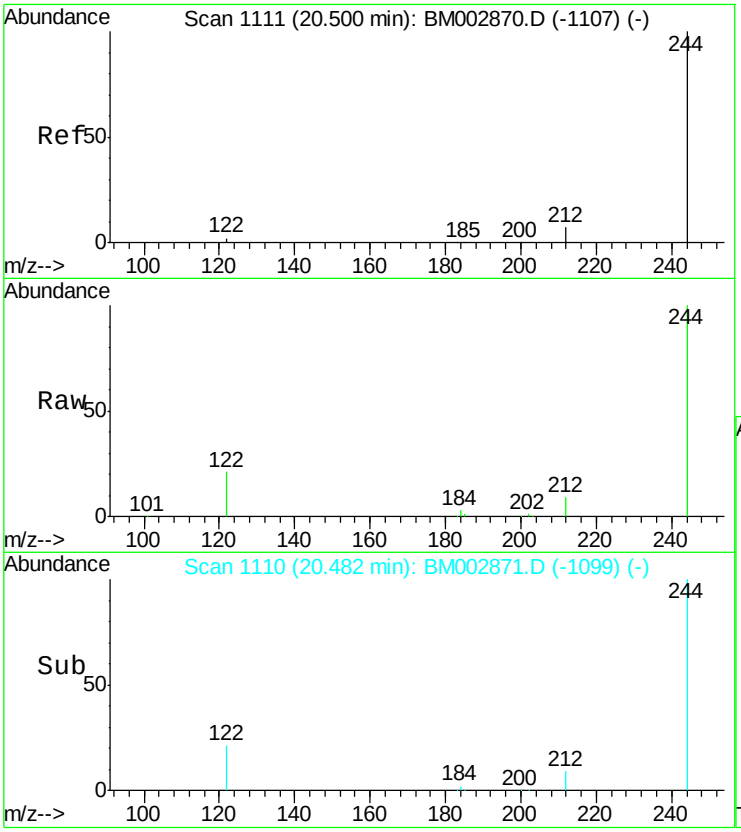


#28
Pyrene
Concen: 2.14 ng
RT: 20.33 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Tgt Ion:202 Resp: 169774

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.4
203	17.3	13.8	20.8



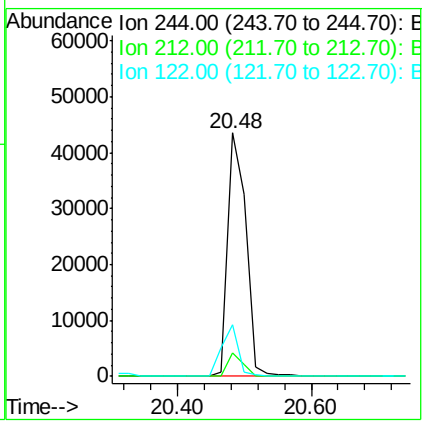


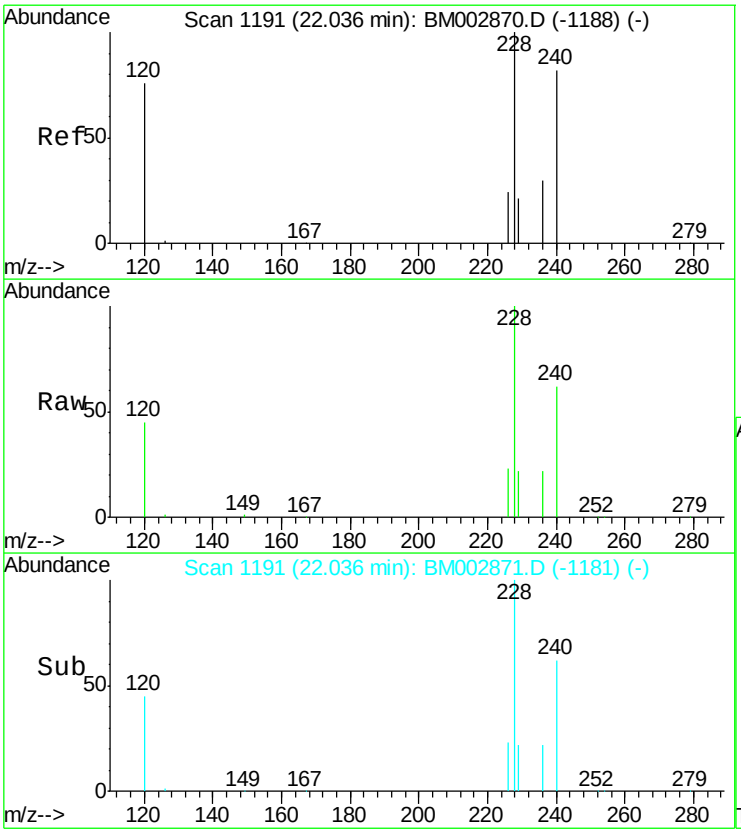
#29
Terphenyl-d14
Concen: 2.10 ng
RT: 20.48 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:244 Resp: 81715

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.6	8.4#
122	21.4	2.2	3.2#

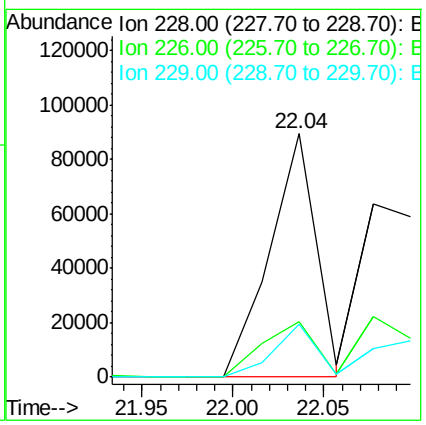


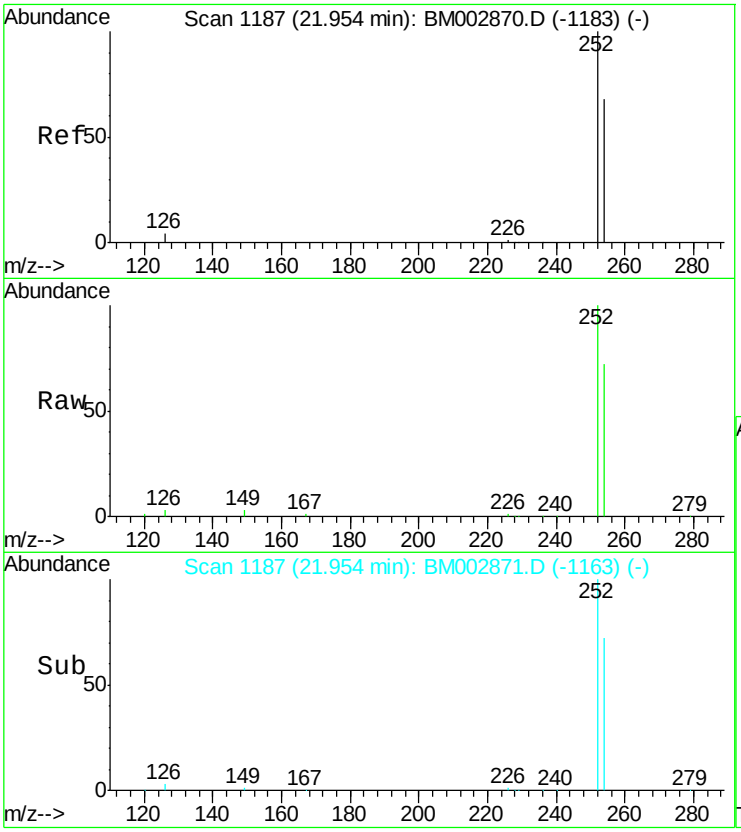


#30
Benzo(a)anthracene
Concen: 2.16 ng
RT: 22.04 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Tgt Ion:228 Resp: 157858

Ion	Ratio	Lower	Upper
228	100		
226	23.0	19.0	28.6
229	21.6	16.8	25.2



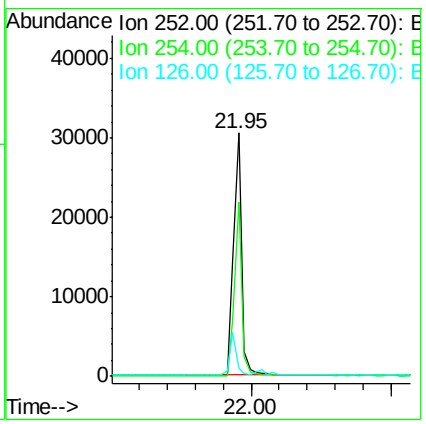


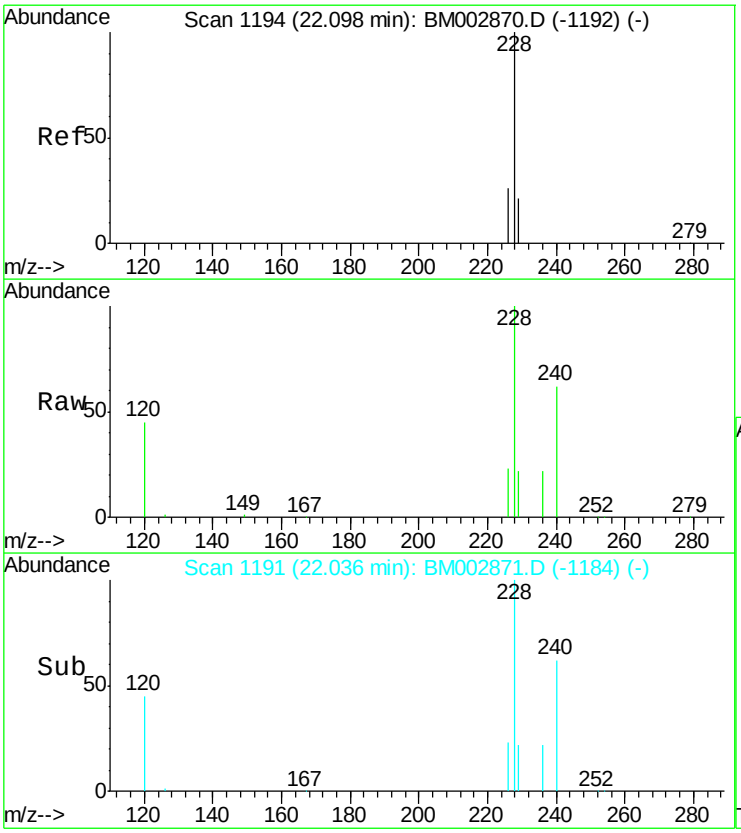
#31
3,3'-Dichlorobenzidine
Concen: 4.09 ng
RT: 21.95 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:252 Resp: 61453

Ion	Ratio	Lower	Upper
252	100		
254	71.9	54.1	81.1
126	3.5	4.1	6.1#

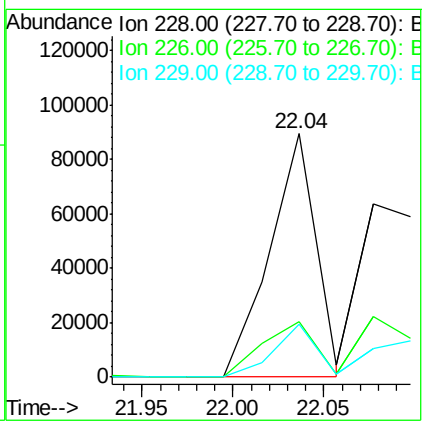


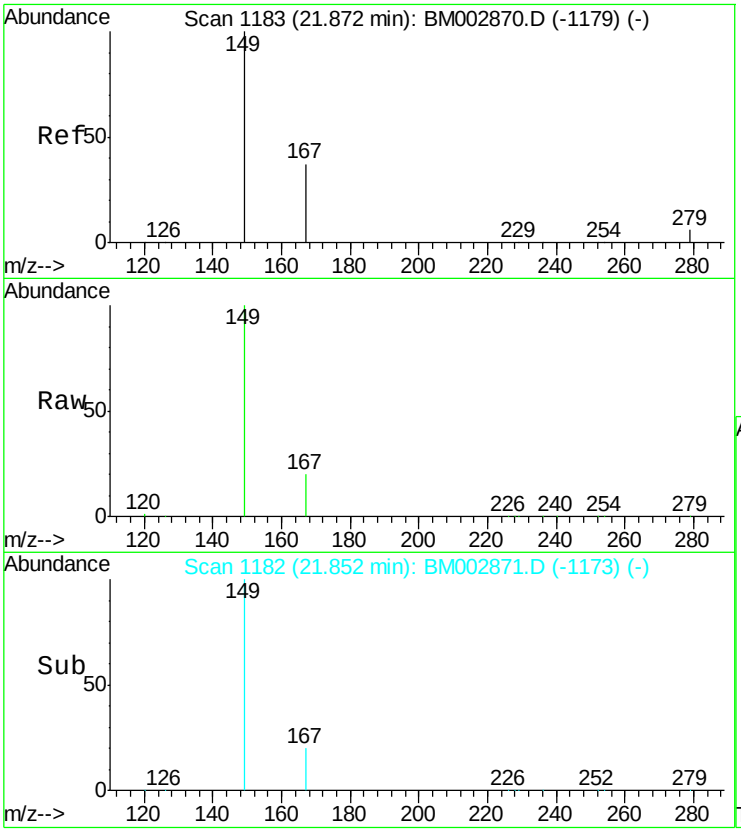


#32
Chrysene
Concen: 1.73 ng
RT: 22.04 min Scan# 1191
Delta R.T. -0.06 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Tgt Ion:228 Resp: 157858

Ion	Ratio	Lower	Upper
228	100		
226	23.0	20.6	30.8
229	21.6	17.4	26.2



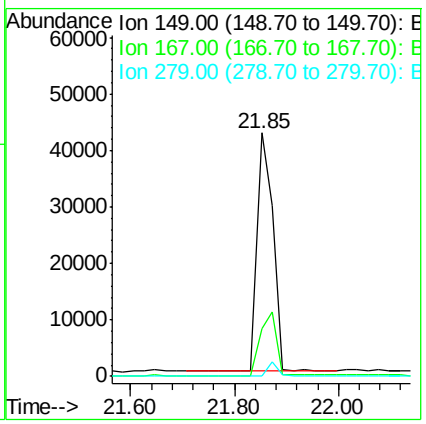


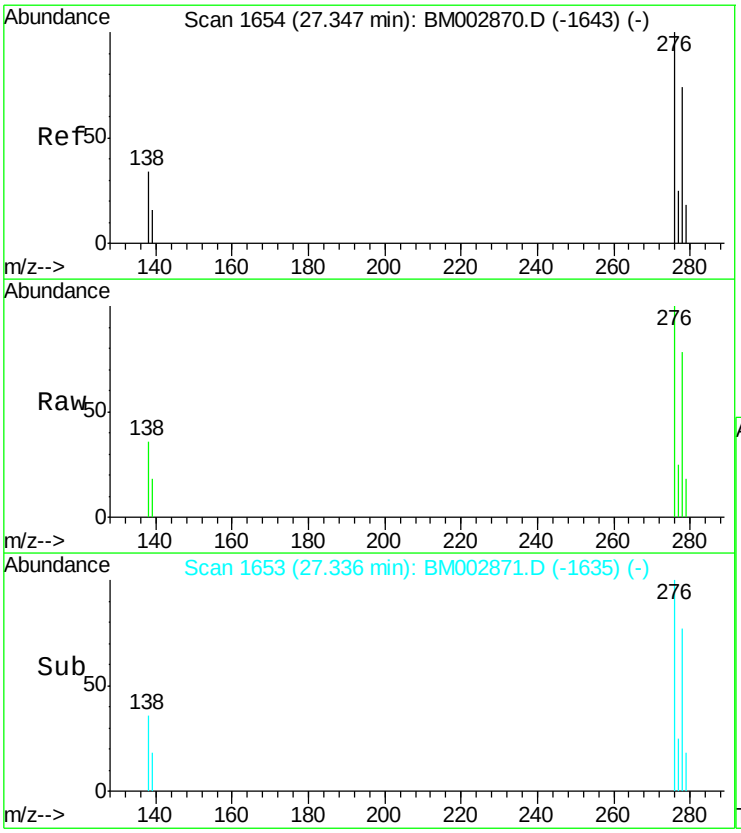
#33
Bis(2-ethylhexyl)phthalate
Concen: 2.65 ng
RT: 21.85 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:149 Resp: 89503

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

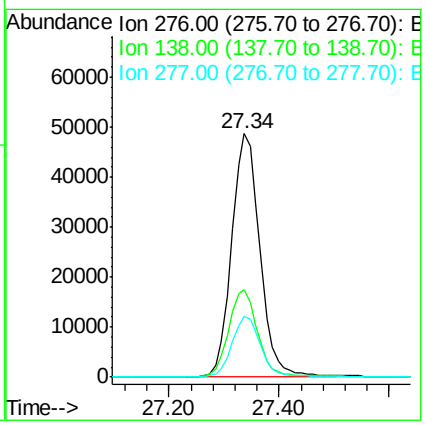


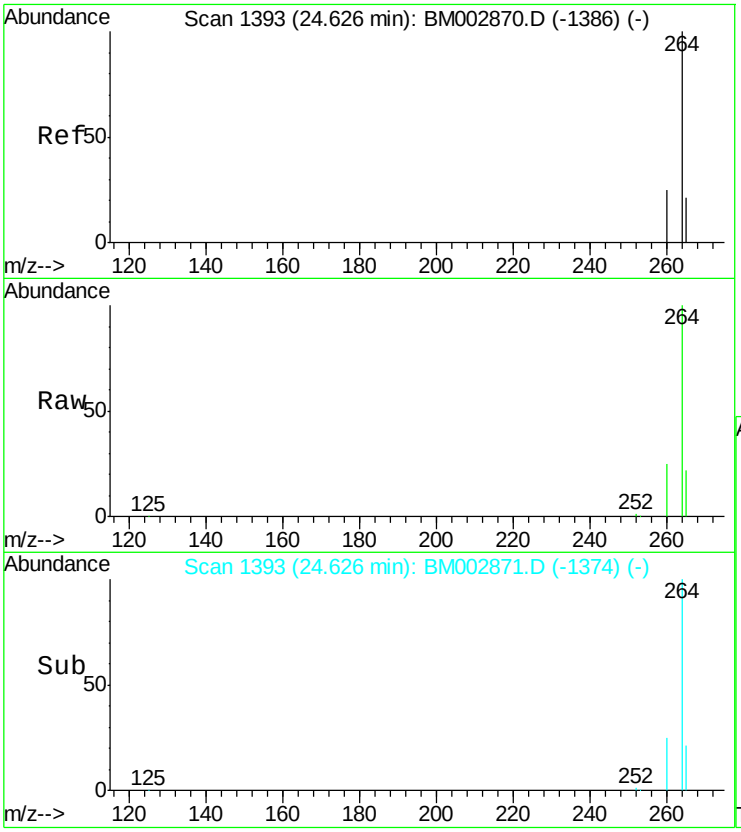


#34
Indeno(1,2,3-cd)pyrene
Concen: 2.24 ng
RT: 27.34 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Tgt Ion:276 Resp: 172775

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



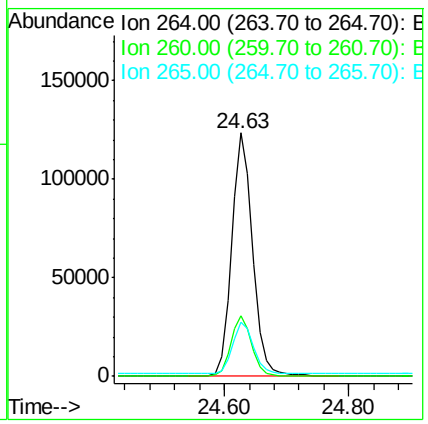


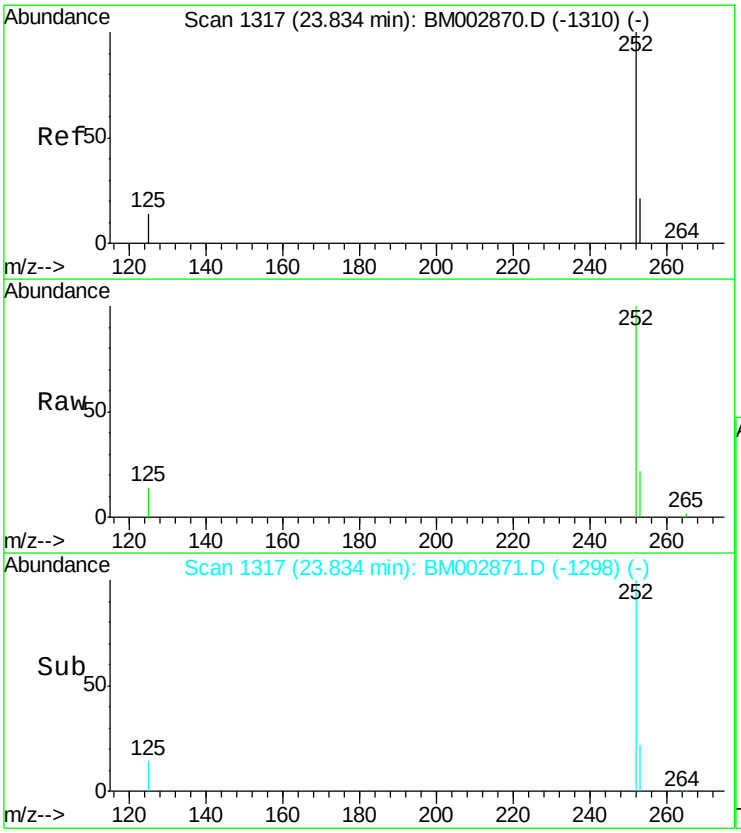
#35
Perylene-d12
Concen: 5.00 ng
RT: 24.63 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:264 Resp: 290148

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	22.1	17.6	26.4

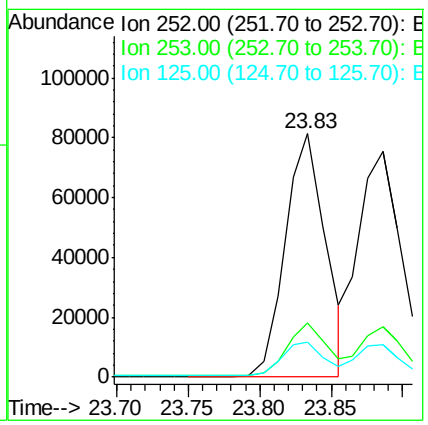


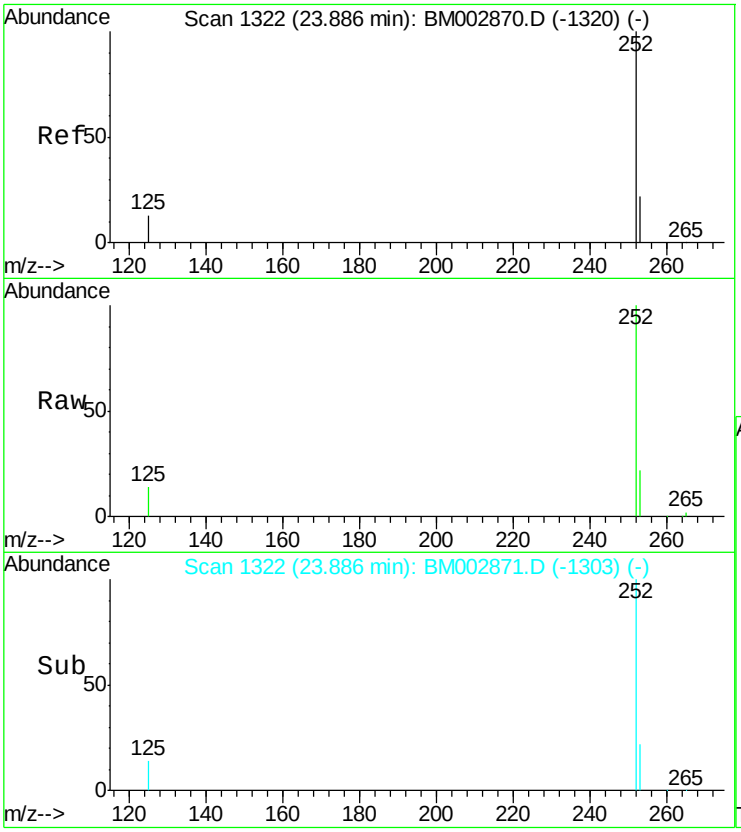


#36
Benzo(b)fluoranthene
Concen: 2.36 ng
RT: 23.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Tgt Ion:252 Resp: 159080

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	14.2	12.4	18.6



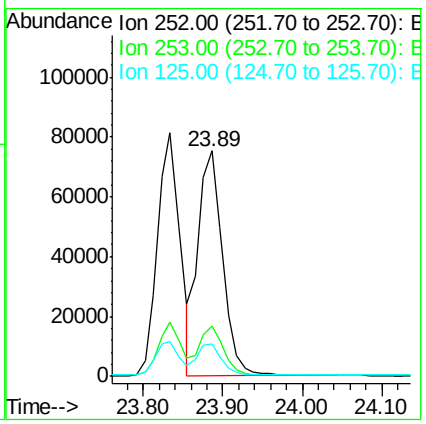


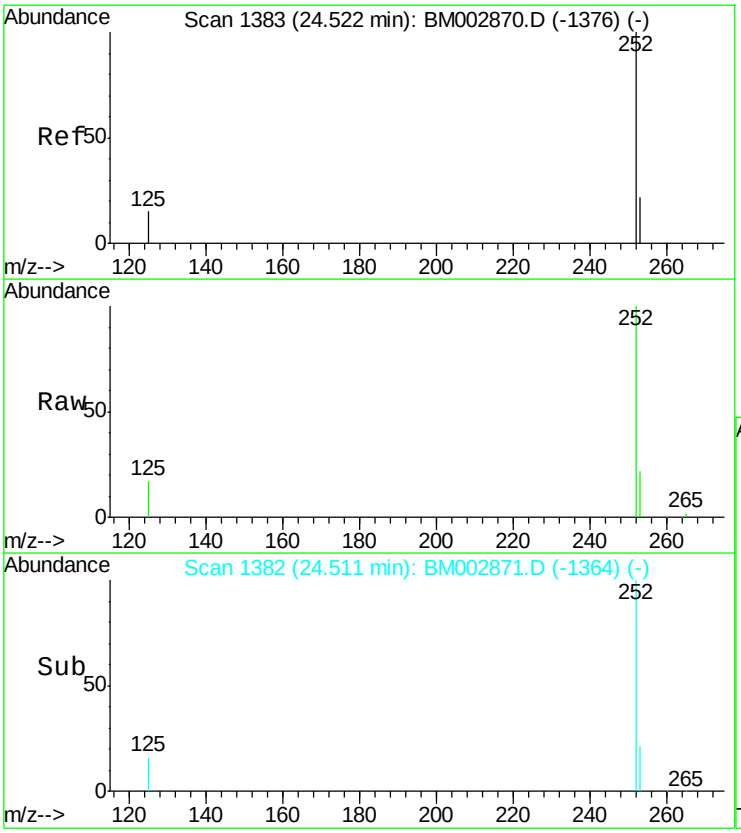
#37
Benzo(k)fluoranthene
Concen: 1.83 ng
RT: 23.89 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:252 Resp: 160346

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	14.3	12.3	18.5

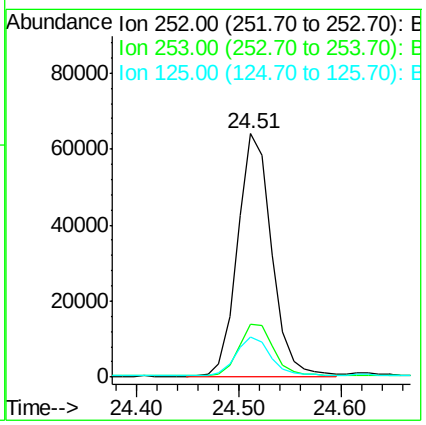


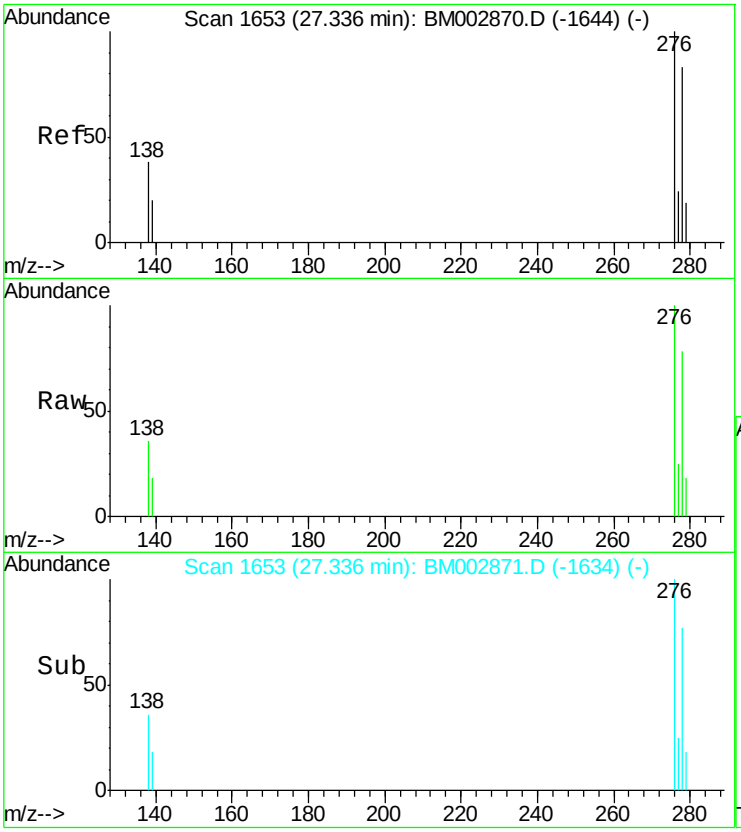


#38
Benzo(a)pyrene
Concen: 2.37 ng
RT: 24.51 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Tgt Ion:252 Resp: 147057

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	16.6	13.3	19.9



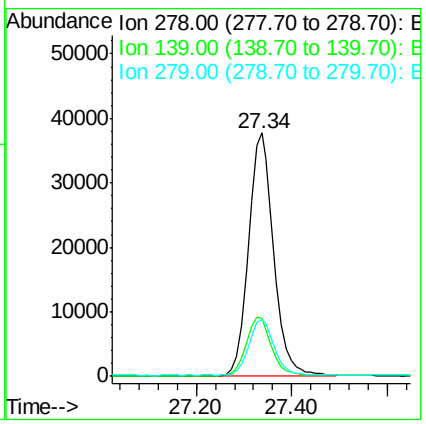


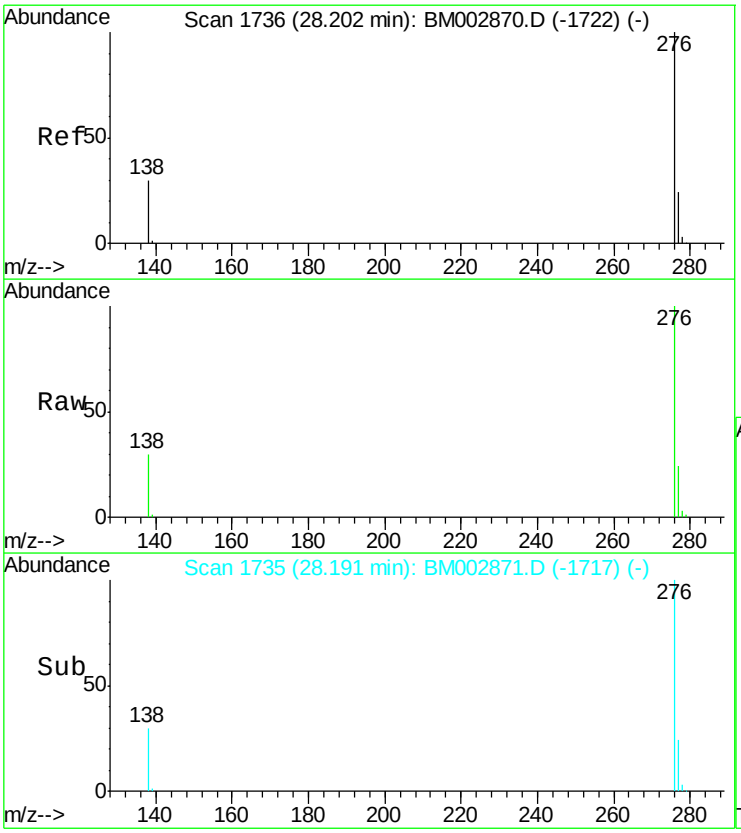
#39
Dibenzo(a,h)anthracene
Concen: 2.25 ng
RT: 27.34 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:278 Resp: 138023

Ion	Ratio	Lower	Upper
278	100		
139	23.6	19.8	29.6
279	23.5	19.1	28.7





#40
Benzo(g,h,i)perylene
Concen: 2.13 ng
RT: 28.19 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Tgt Ion:276 Resp: 140918

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	30.5	24.4	36.6