Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100815\
Data File : BM002870.D
Acq On : 08 Oct 2015 19:09
Operator : UM/IZ
Sample : SSTDICCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICCC001

Quant Time: Oct 09 00:57:52 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	8.68	152	50692	5.00	ng		0.00
7) Naphthalene-d8	11.52	136	208823	5.00	ng		0.00
13) Acenaphthene-d10	15.25	164	111863	5.00	ng		0.00
19) Phenanthrene-d10	17.95	188	233179	5.00	ng		0.00
26) Chrysene-d12	22.06	240	274293	5.00	ng		0.00
35) Perylene-d12	24.63	264	275805	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	6.15	112	9742	0.92	ng		0.00
5) Phenol-d6	7.80	99	12927	0.98	ng		0.00
8) Nitrobenzene-d5	9.87	82	10333	0.92	ng		0.00
14) 2,4,6-Tribromophenol	16.74	330	3439	0.95	ng		0.00
15) 2-Fluorobiphenyl	13.90	172	33828	1.09	ng		0.00
29) Terphenyl-d14	20.50	244	35871	1.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	4691	0.54	ng		100
3) n-Nitrosodimethylamine	4.17	42	4060	0.48	ng		99
6) bis(2-Chloroethyl)ether	8.06	93	11865	0.79	ng		100
9) Nitrobenzene	9.93	77	10857	0.90	ng		100
10) Naphthalene	11.57	128	45078	1.00	ng		100
11) Hexachlorobutadiene	11.81	225	7125	0.96	ng		100
12) 2-Methylnaphthalene	13.14	142	30203	1.11	ng		100
16) Acenaphthylene	14.99	152	47077	0.27	ng		100
17) Acenaphthene	15.32	154	29313	0.98	ng	#	100
18) Fluorene	16.30	166	36774	0.99	ng		100
20) 4-Bromophenyl-phenylether	17.13	248	11811	1.28	ng		99
21) Hexachlorobenzene	17.29	284	13380	0.32	ng	#	100
22) Pentachlorophenol	17.64	266	880	0.28	ng		100
23) Phenanthrene	18.00	178	66693	1.10	ng		100
24) Anthracene	18.10	178	55204	1.03	ng		100
25) Fluoranthene	19.97	202	70912	0.99	ng		100
27) Benzidine	20.14	184	33123	3.38	ng		100
28) Pyrene	20.33	202	75441	1.05	ng		100
30) Benzo(a)anthracene	22.04	228	73315	1.10	ng		100
31) 3,3'-Dichlorobenzidine	21.95	252	29047	2.13	ng		100
32) Chrysene	22.04	228	73315	0.88	ng		97
33) Bis(2-ethylhexyl)phthalate	21.87	149	56653	1.84	ng		100
34) Indeno(1,2,3-cd)pyrene	27.35	276	85923	1.23	ng		100
36) Benzo(b)fluoranthene	23.83	252	80345	1.26	ng		100
37) Benzo(k)fluoranthene	23.89	252	71254	0.86	ng		100
38) Benzo(a)pyrene	24.52	252	70509	1.19	ng		100
39) Dibenzo(a,h)anthracene	27.34	278	68651	1.18	ng		100
40) Benzo(g,h,i)perylene	28.20	276	71151	1.13	ng		100

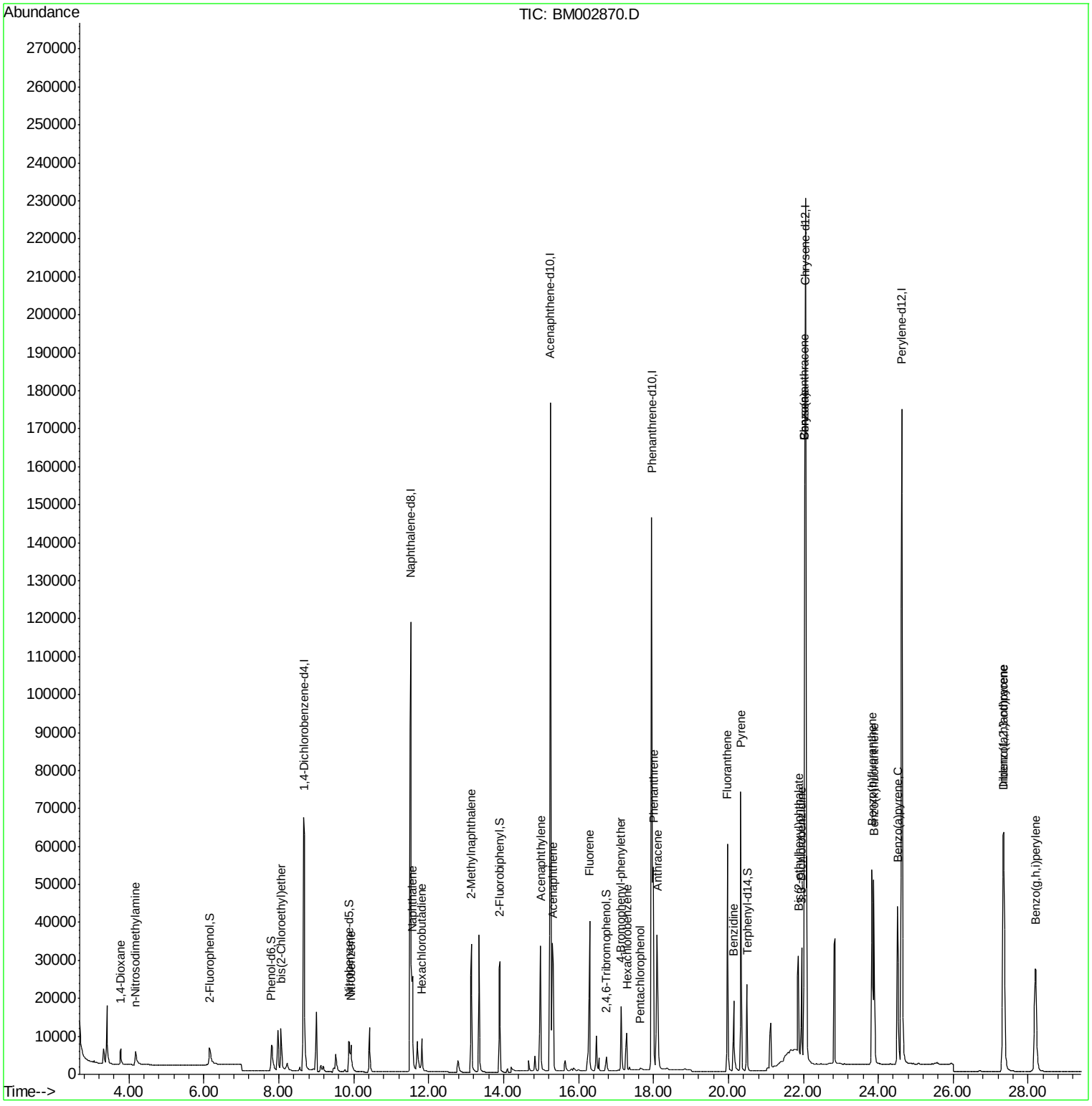
(#) = qualifier out of range (m) = manual integration (+) = signals summed

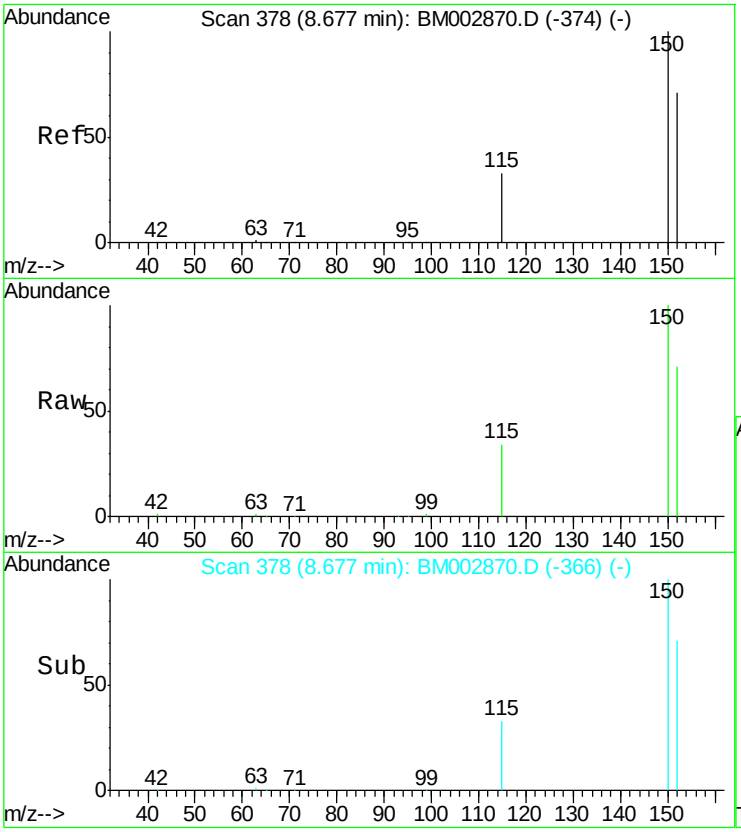
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100815\
Data File : BM002870.D
Acq On : 08 Oct 2015 19:09
Operator : UM/IZ
Sample : SSTDICCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Quant Time: Oct 09 00:57:52 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



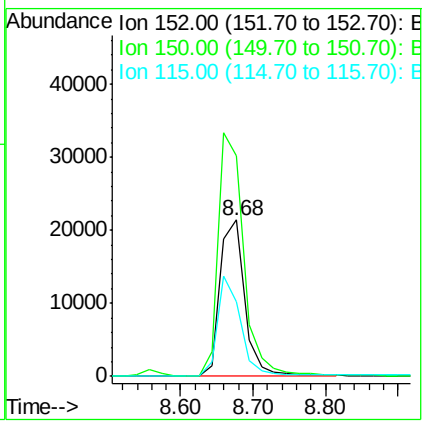


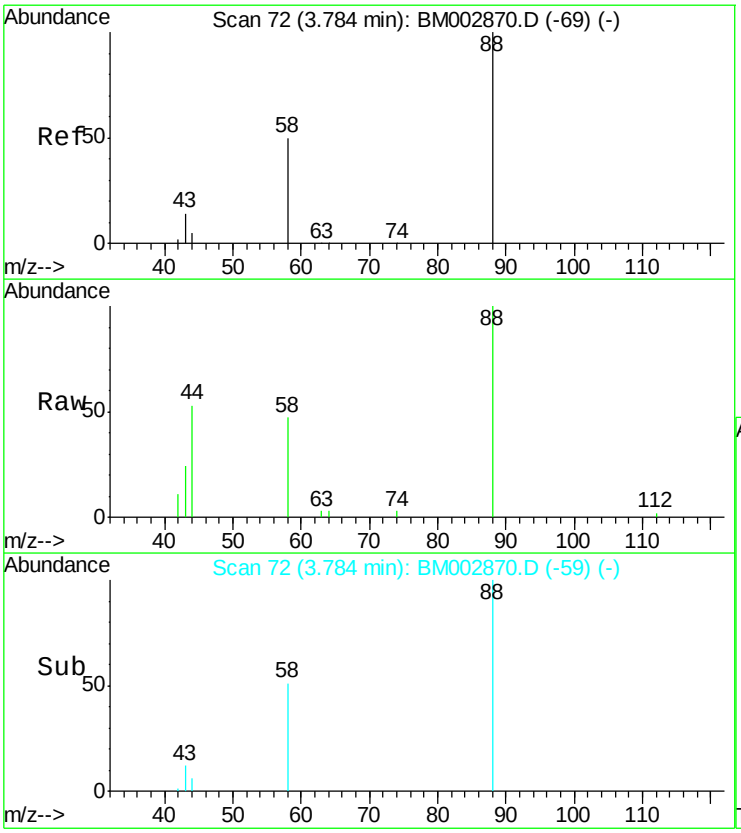
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.68 min Scan# 378
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:152 Resp: 50692

Ion	Ratio	Lower	Upper
152	100		
150	141.3	113.0	169.6
115	47.4	37.9	56.9

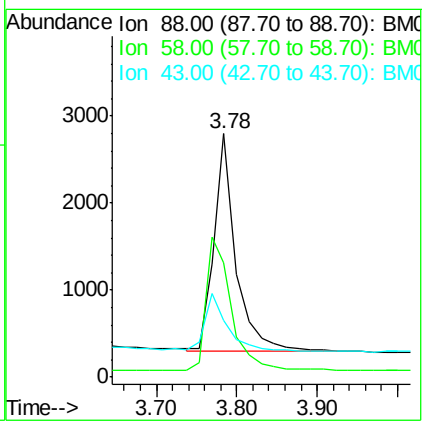


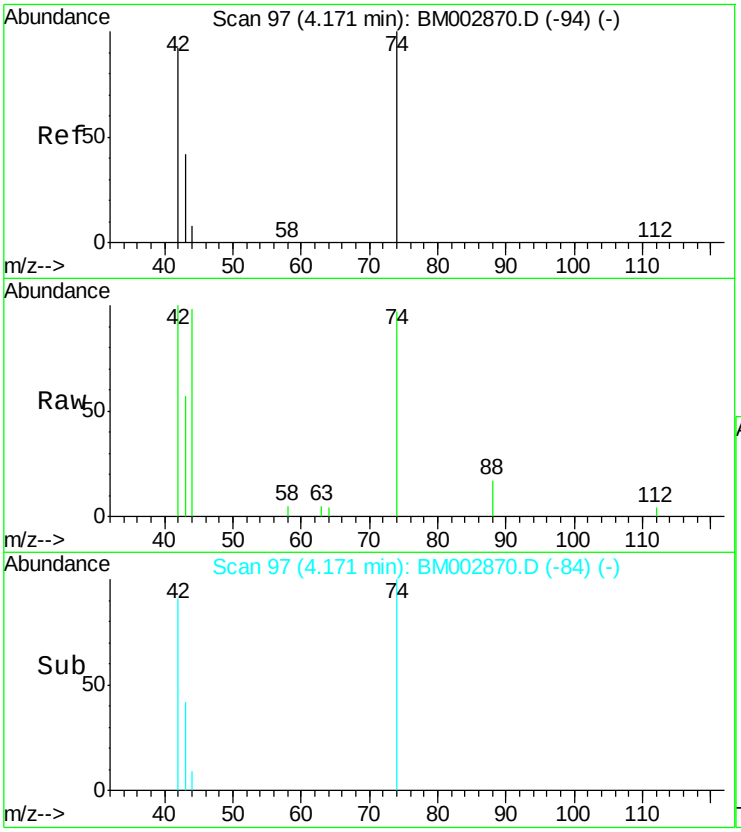


#2
1,4-Dioxane
Concen: 0.54 ng
RT: 3.78 min Scan# 72
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Tgt Ion: 88 Resp: 4691

Ion	Ratio	Lower	Upper
88	100		
58	70.9	56.7	85.1
43	27.5	22.0	33.0



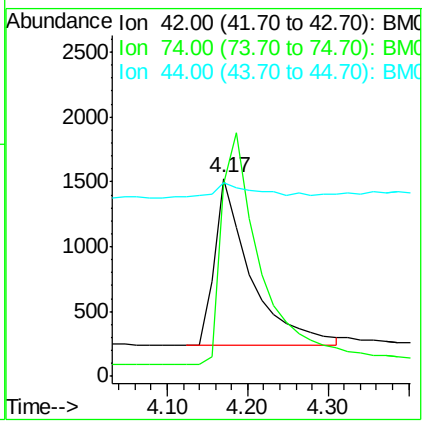


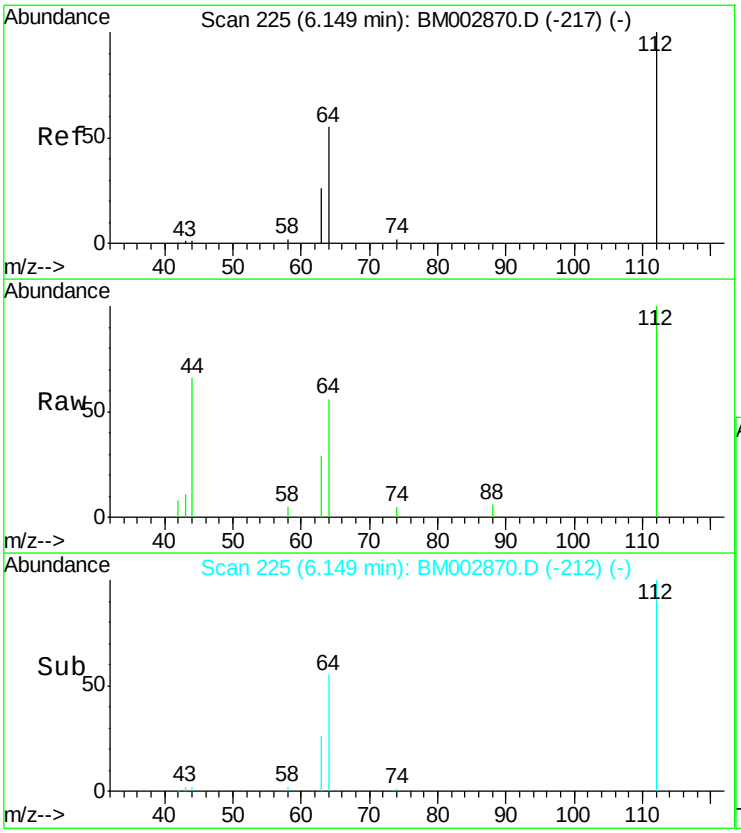
#3
n-Nitrosodimethylamine
Concen: 0.48 ng
RT: 4.17 min Scan# 97
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion: 42 Resp: 4060

Ion	Ratio	Lower	Upper
42	100		
74	150.5	119.7	179.5
44	12.0	9.8	14.6

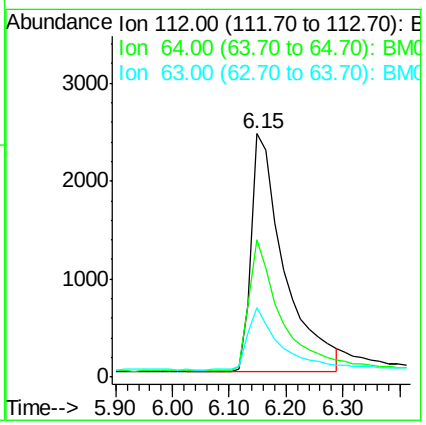


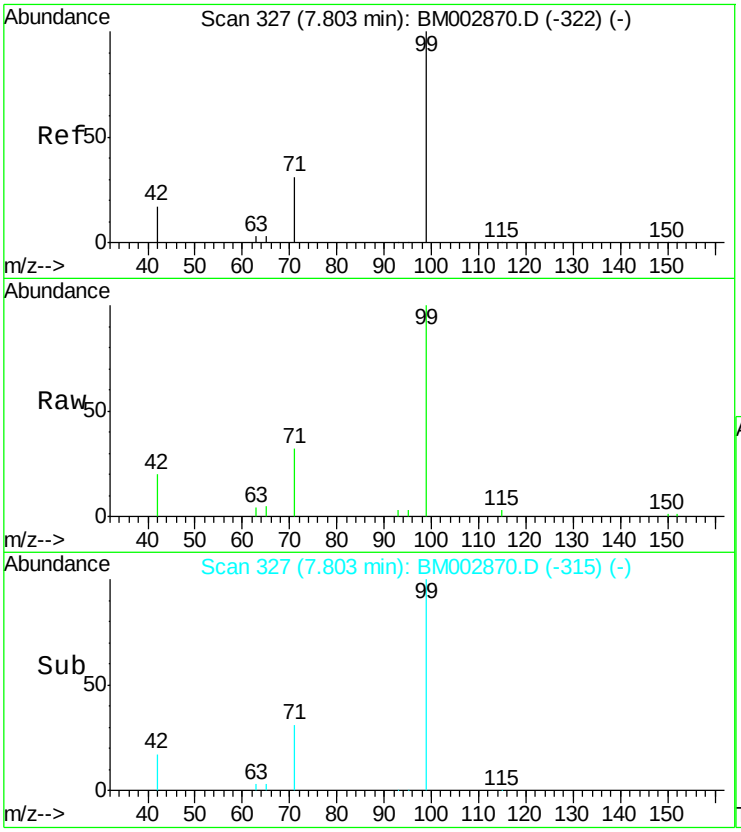


#4
2-Fluorophenol
Concen: 0.92 ng
RT: 6.15 min Scan# 225
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Tgt Ion:112 Resp: 9742

Ion	Ratio	Lower	Upper
112	100		
64	52.5	42.0	63.0
63	25.0	20.0	30.0



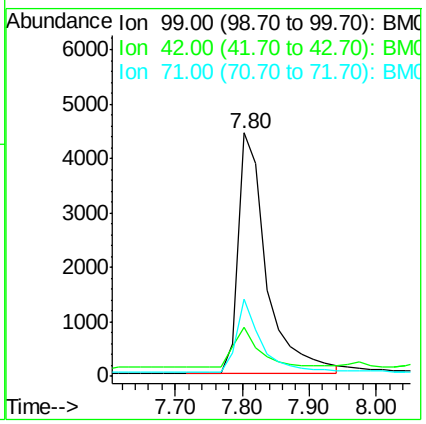


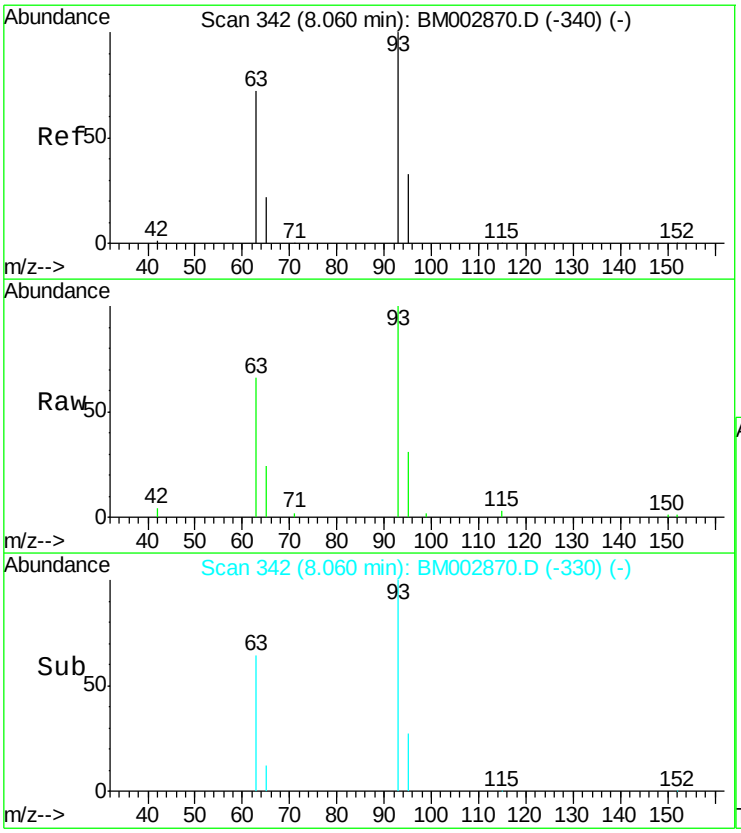
#5
Phenol-d6
Concen: 0.98 ng
RT: 7.80 min Scan# 327
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion: 99 Resp: 12927

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.4	18.6
71	26.7	21.4	32.0

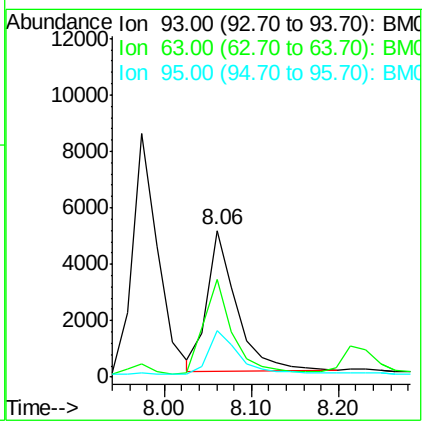


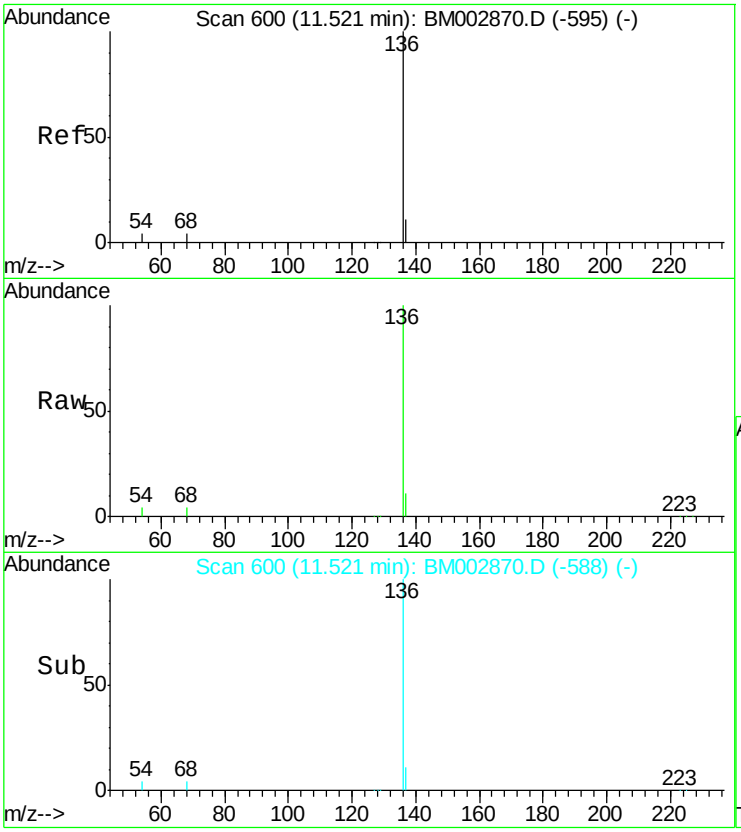


#6
bis(2-Chloroethyl)ether
Concen: 0.79 ng
RT: 8.06 min Scan# 342
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Tgt Ion: 93 Resp: 11865

Ion	Ratio	Lower	Upper
93	100		
63	66.1	52.9	79.3
95	31.5	25.2	37.8



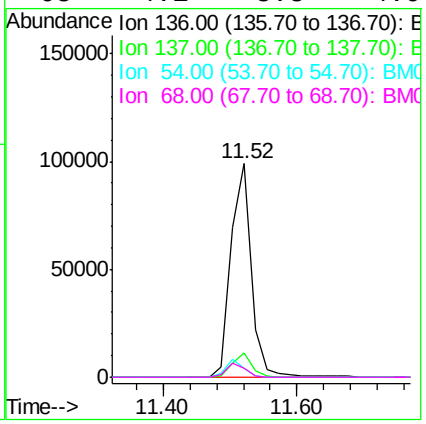


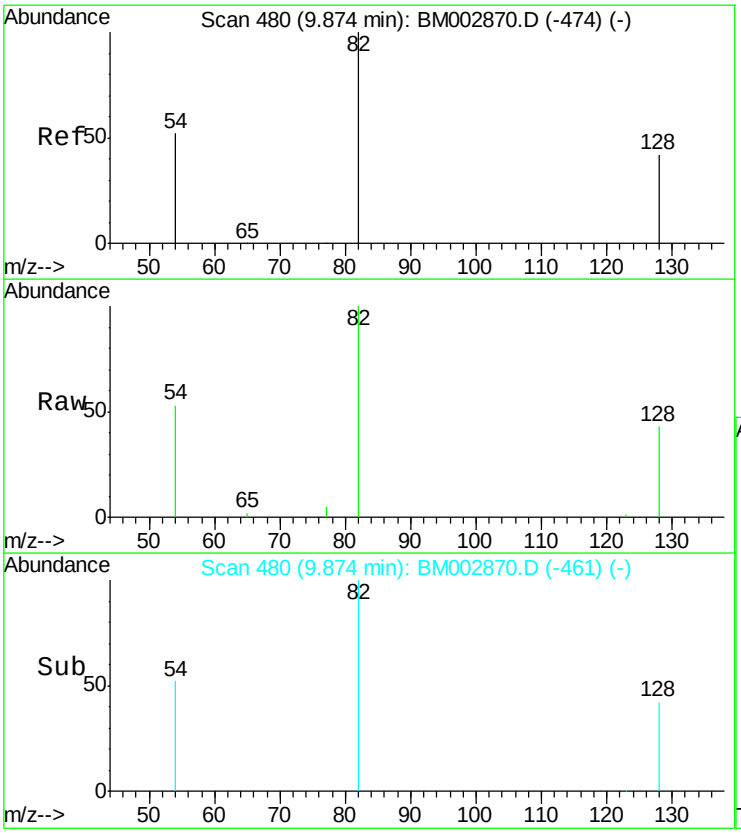
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 11.52 min Scan# 600
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:136 Resp: 208823

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	4.4	3.5	5.3
68	4.1	3.3	4.9

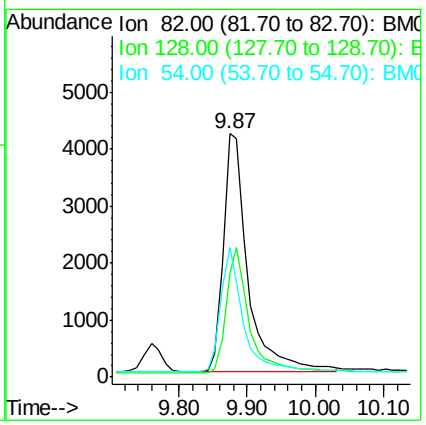


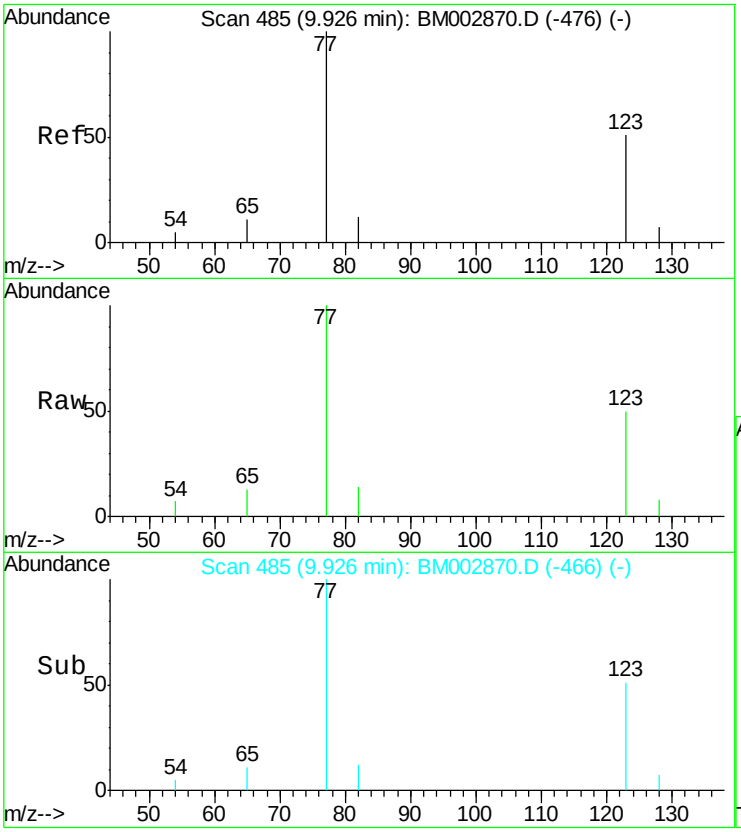


#8
Nitrobenzene-d5
Concen: 0.92 ng
RT: 9.87 min Scan# 480
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Tgt Ion: 82 Resp: 10333

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.1	51.1
54	53.2	42.6	63.8



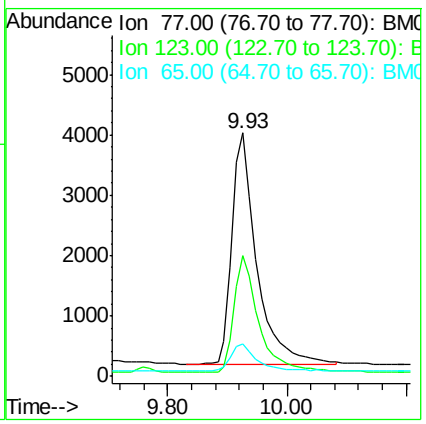


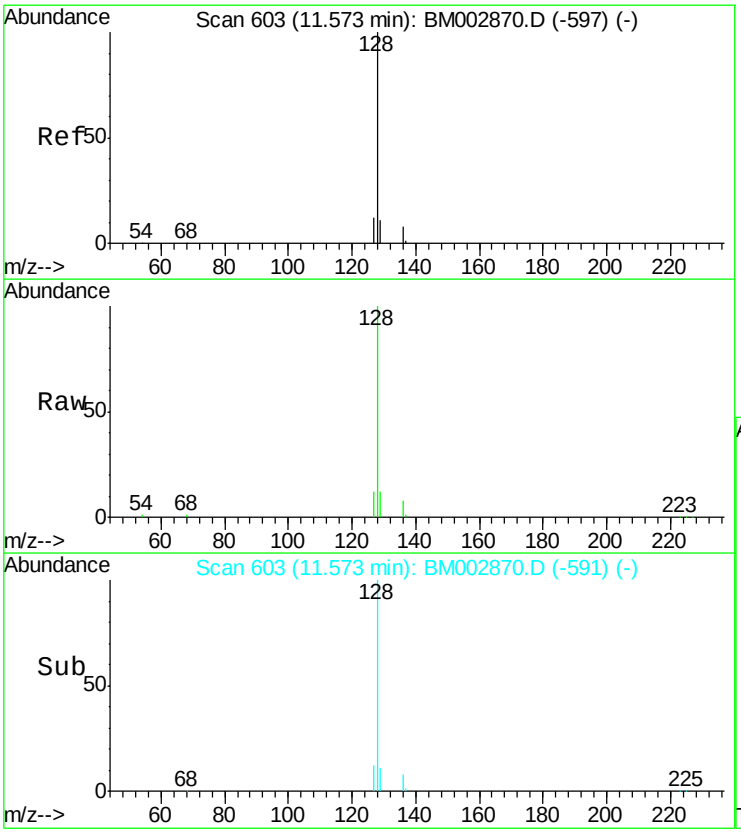
#9
Nitrobenzene
Concen: 0.90 ng
RT: 9.93 min Scan# 485
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion: 77 Resp: 10857

Ion	Ratio	Lower	Upper
77	100		
123	51.4	41.0	61.4
65	12.1	9.7	14.5

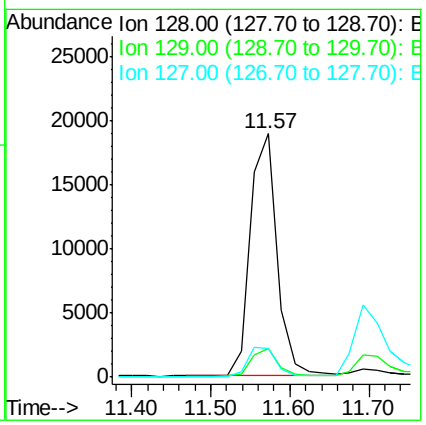


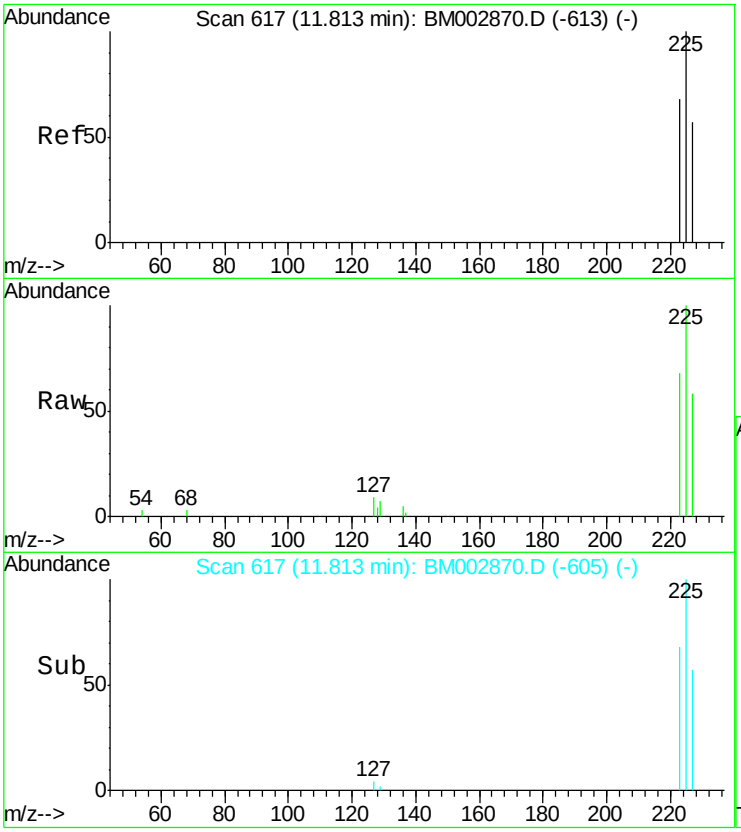


#10
Naphthalene
Concen: 1.00 ng
RT: 11.57 min Scan# 603
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Tgt Ion:128 Resp: 45078

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	12.0	9.6	14.4



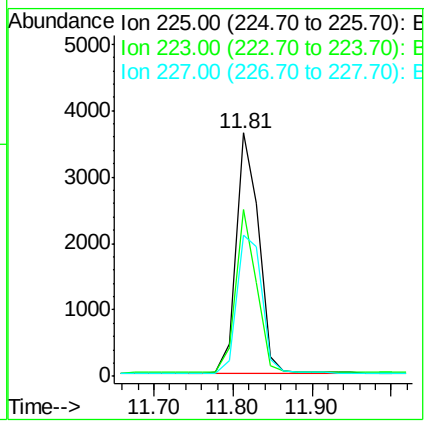


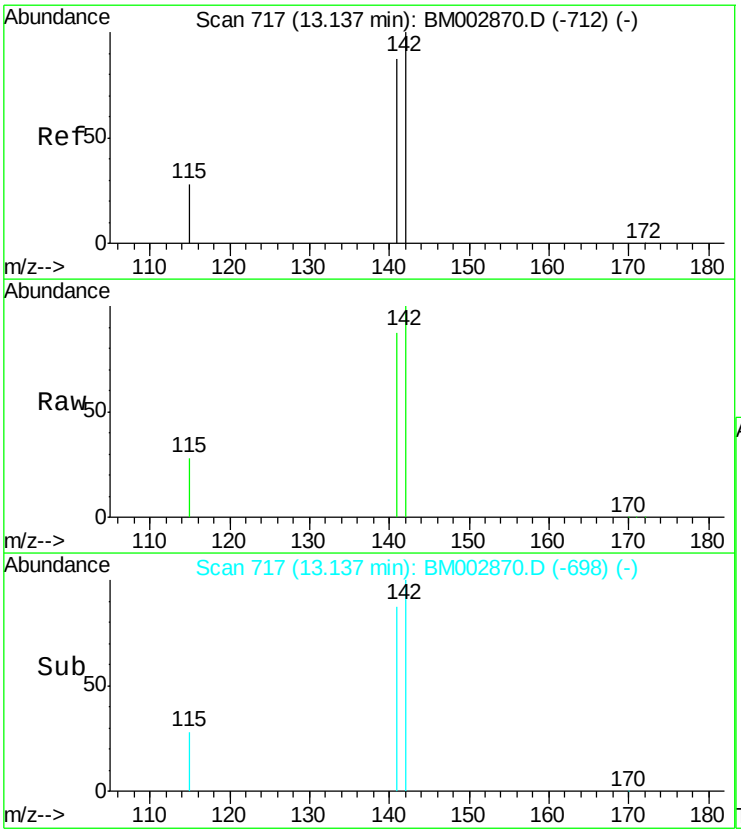
#11
Hexachlorobutadiene
Concen: 0.96 ng
RT: 11.81 min Scan# 617
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:225 Resp: 7125

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.1	75.1
227	64.0	51.2	76.8

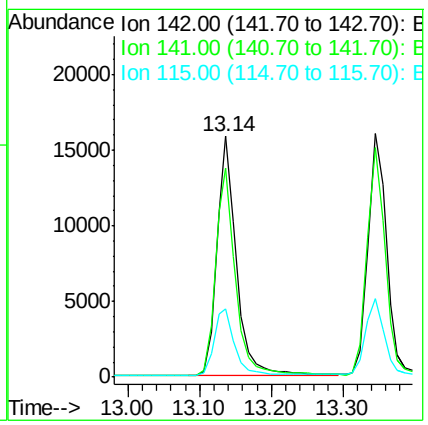


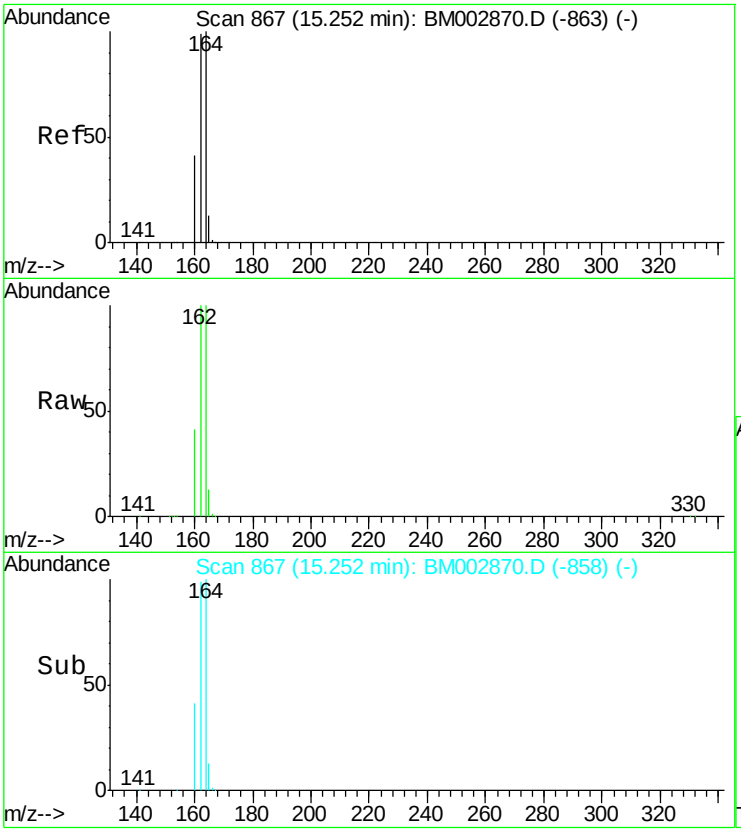


#12
2-Methylnaphthalene
Concen: 1.11 ng
RT: 13.14 min Scan# 717
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Tgt Ion:142 Resp: 30203

Ion	Ratio	Lower	Upper
142	100		
141	86.7	69.4	104.0
115	28.4	22.7	34.1



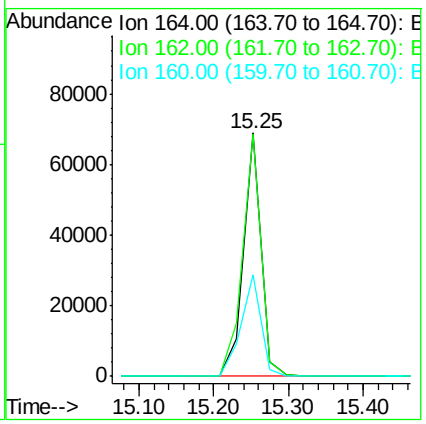


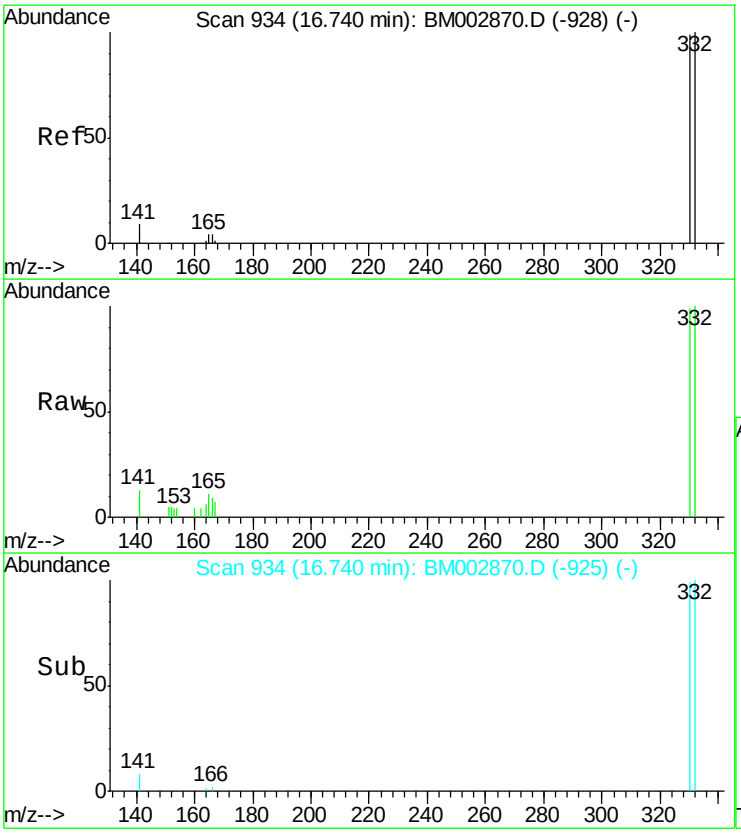
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 15.25 min Scan# 867
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:164 Resp: 111863

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.6	119.4
160	41.4	33.1	49.7

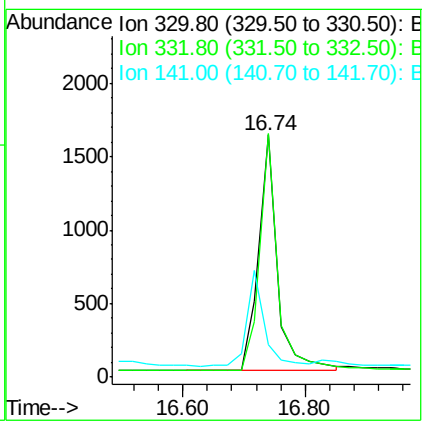


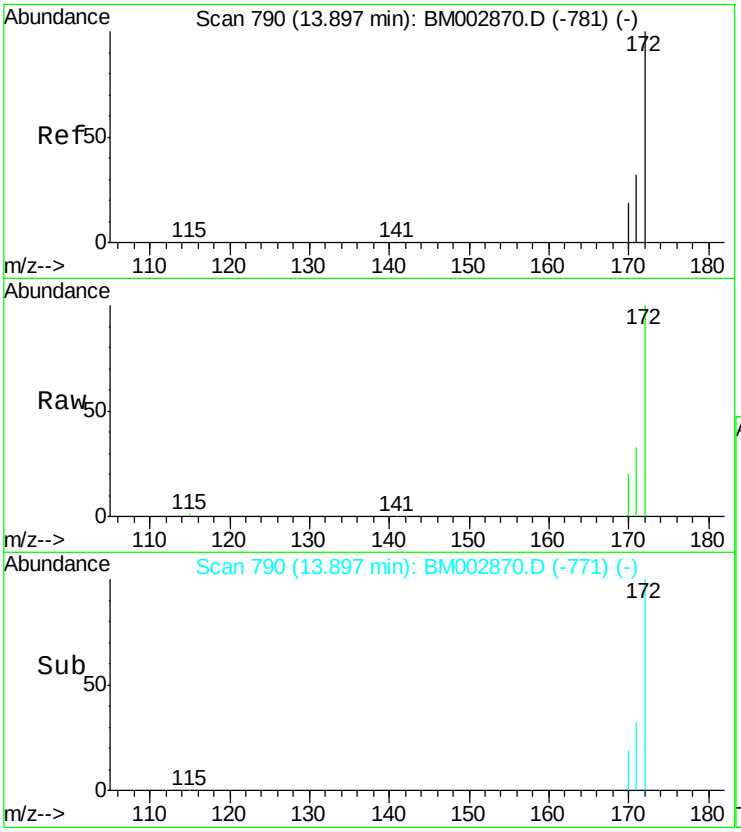


#14
2,4,6-Tribromophenol
Concen: 0.95 ng
RT: 16.74 min Scan# 934
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Tgt Ion:330 Resp: 3439

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	0.0	0.0	0.0



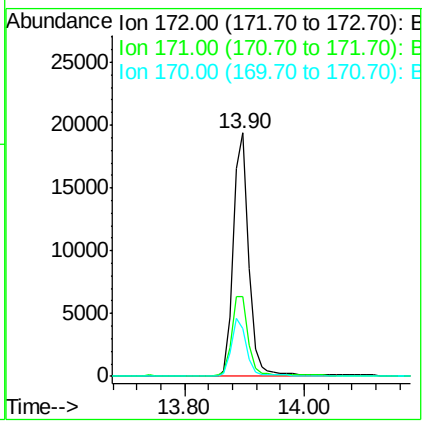


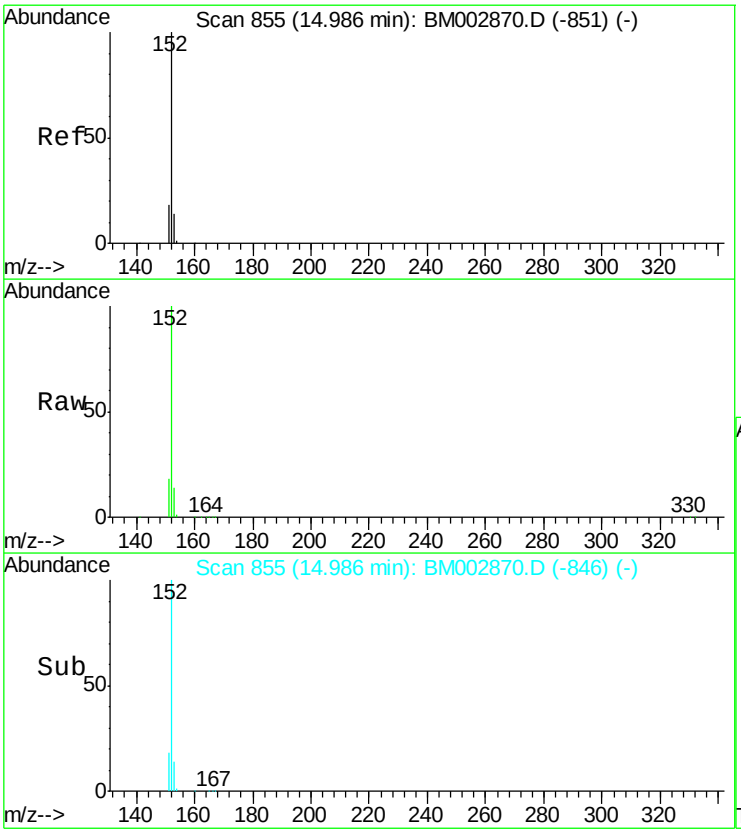
#15
2-Fluorobiphenyl
Concen: 1.09 ng
RT: 13.90 min Scan# 790
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:172 Resp: 33828

Ion	Ratio	Lower	Upper
172	100		
171	32.6	26.1	39.1
170	19.6	15.7	23.5

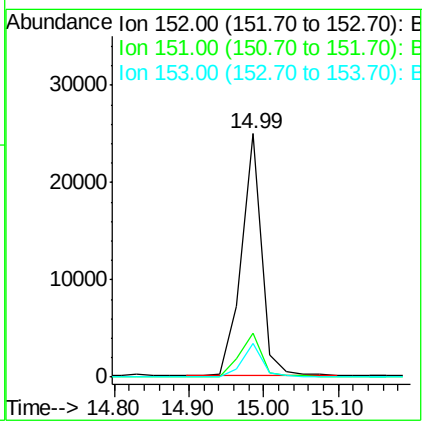


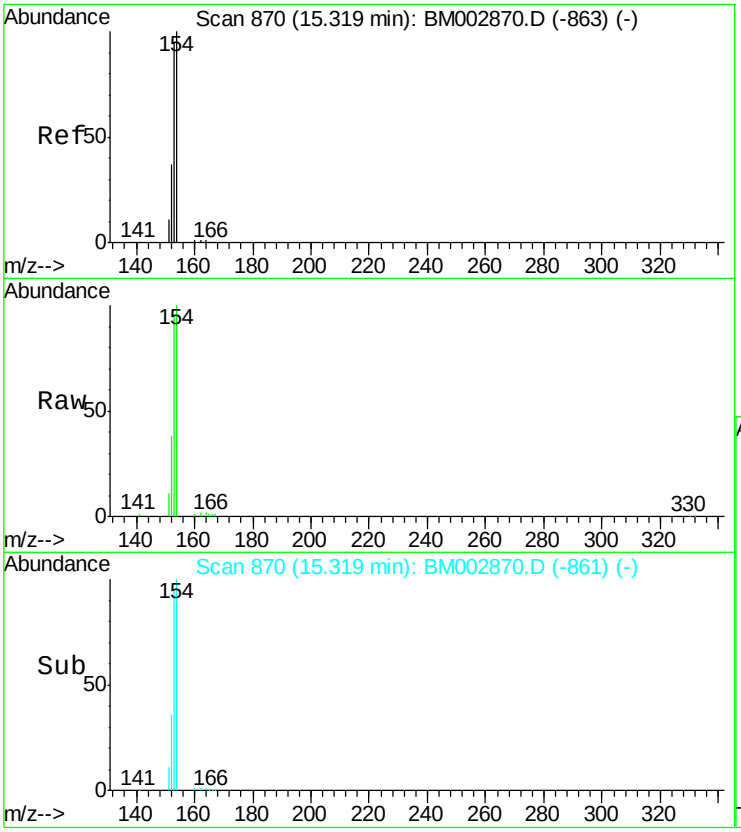


#16
Acenaphthylene
Concen: 0.27 ng
RT: 14.99 min Scan# 855
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Tgt Ion:152 Resp: 47077

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9
153	13.1	10.5	15.7



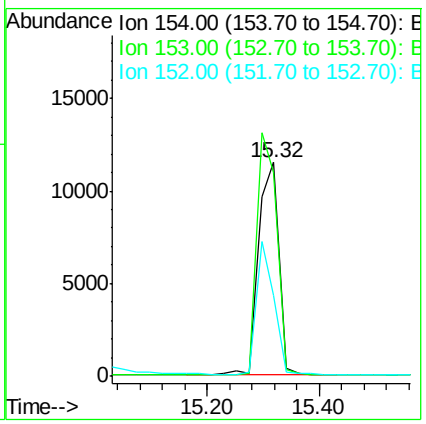


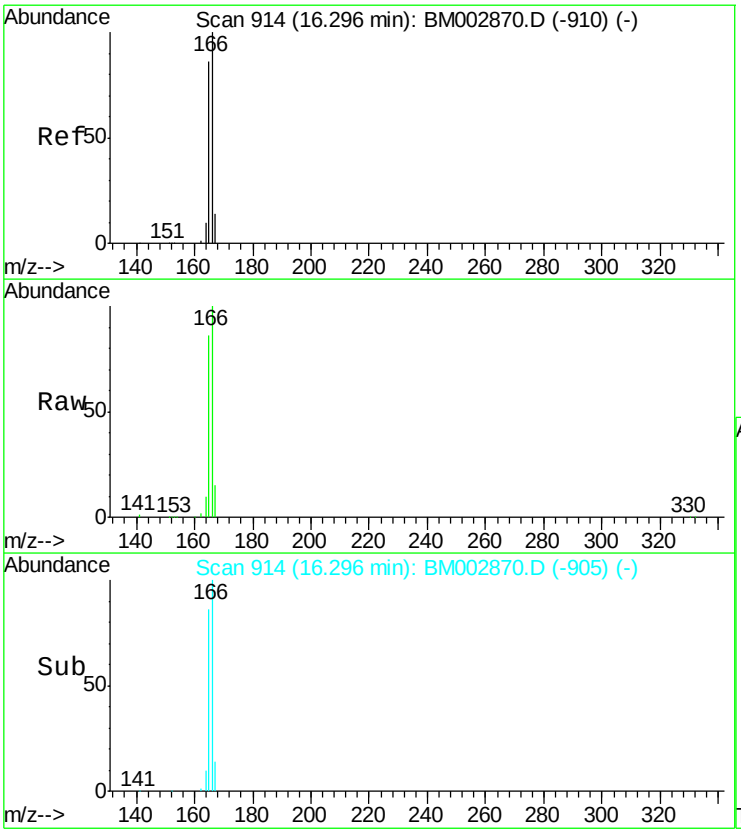
#17
Acenaphthene
Concen: 0.98 ng
RT: 15.32 min Scan# 870
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:154 Resp: 29313

Ion	Ratio	Lower	Upper
154	100		
153	0.0	0.0	0.0
152	0.0	0.0	0.0

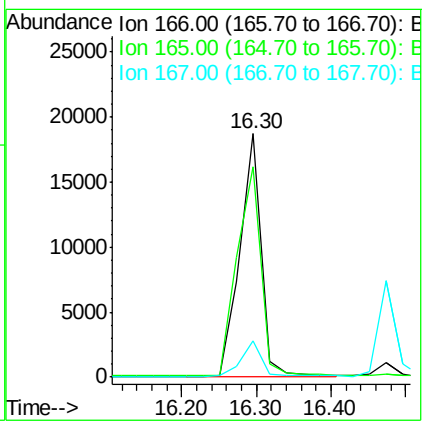


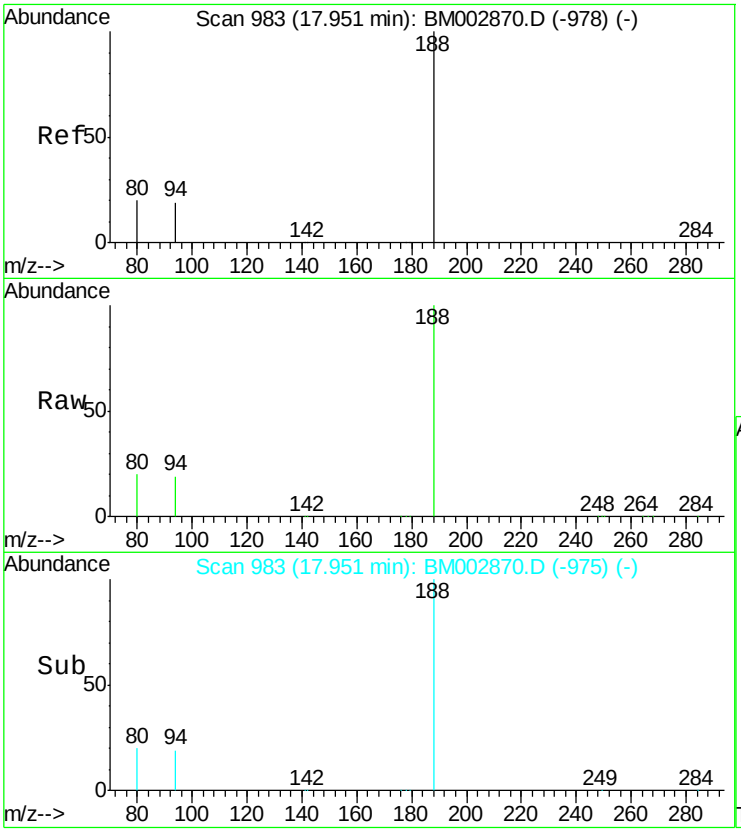


#18
Fluorene
Concen: 0.99 ng
RT: 16.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Tgt Ion:166 Resp: 36774

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.3	115.9
167	13.6	10.9	16.3



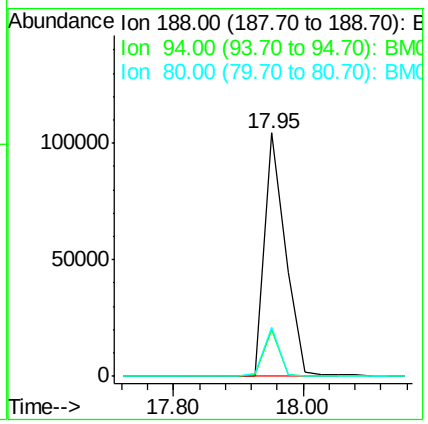


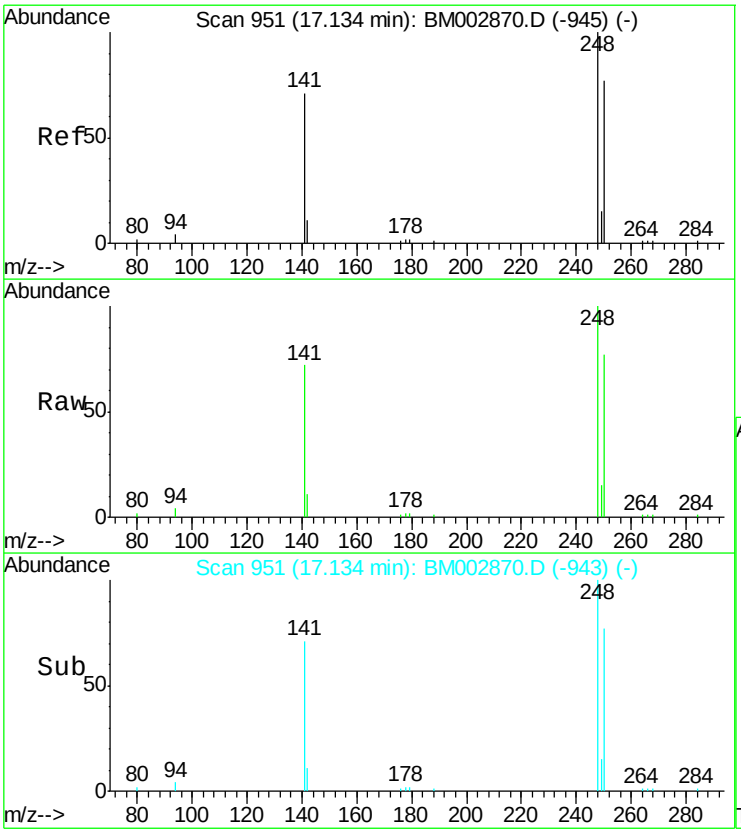
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.95 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:188 Resp: 233179

Ion	Ratio	Lower	Upper
188	100		
94	19.0	15.2	22.8
80	19.9	15.9	23.9

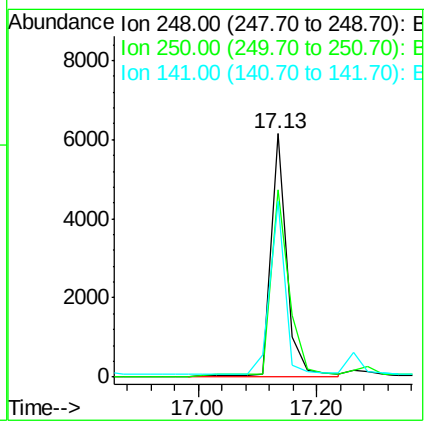


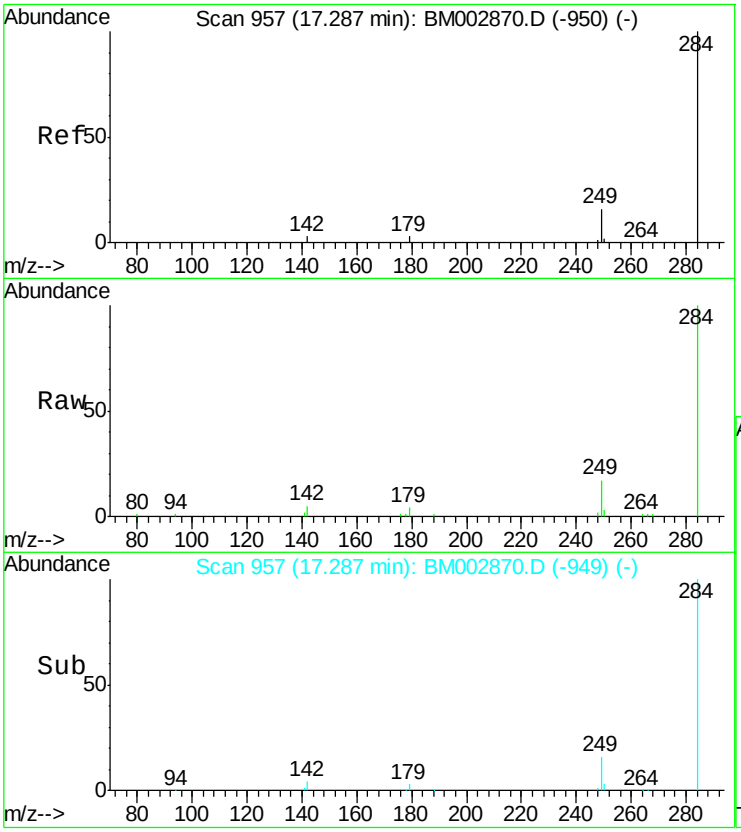


#20
4-Bromophenyl-phenylether
Concen: 1.28 ng
RT: 17.13 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Tgt Ion:248 Resp: 11811

Ion	Ratio	Lower	Upper
248	100		
250	89.5	71.4	107.2
141	67.5	54.6	82.0



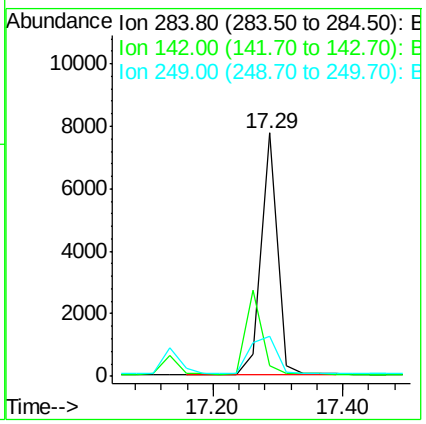


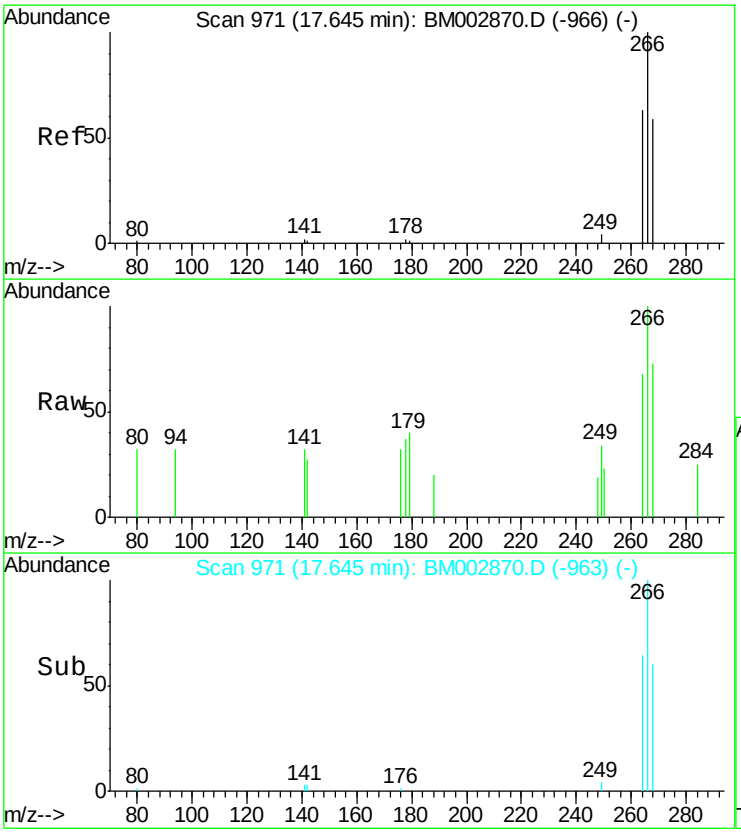
#21
Hexachlorobenzene
Concen: 0.32 ng
RT: 17.29 min Scan# 957
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:284 Resp: 13380

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	25.9	20.7	31.1

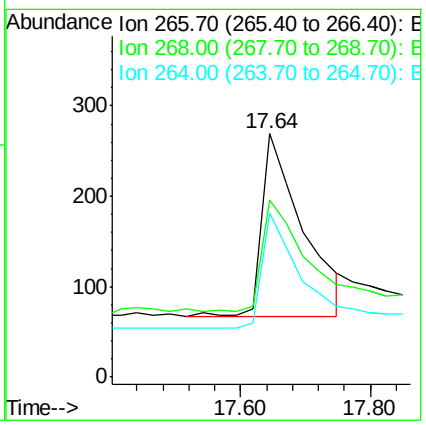


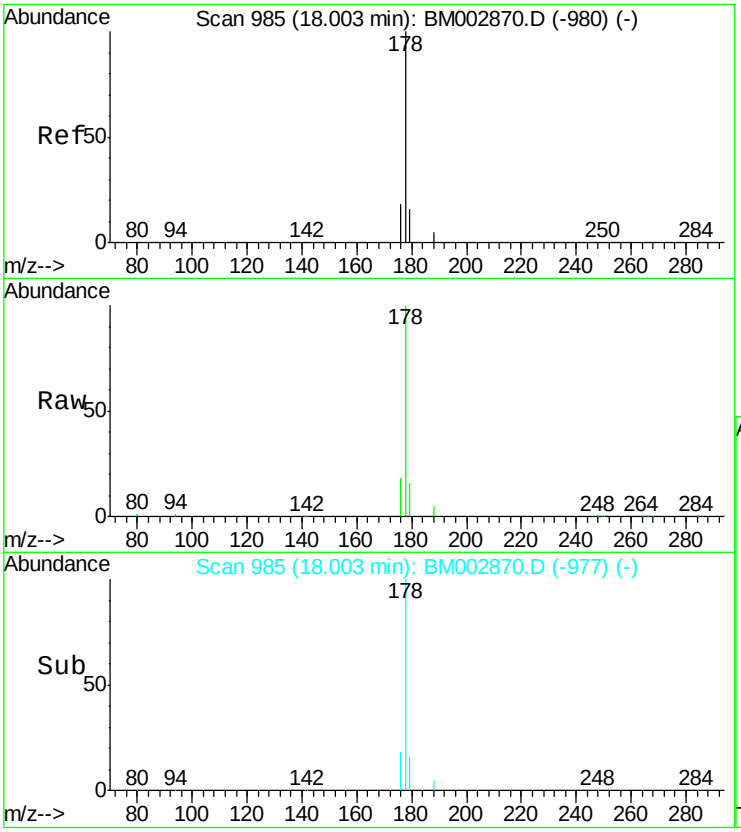


#22
Pentachlorophenol
Concen: 0.28 ng
RT: 17.64 min Scan# 971
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Tgt Ion:266 Resp: 880

Ion	Ratio	Lower	Upper
266	100		
268	72.9	58.3	87.5
264	67.7	54.2	81.2



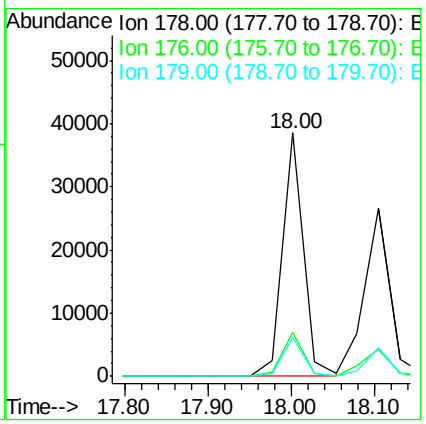


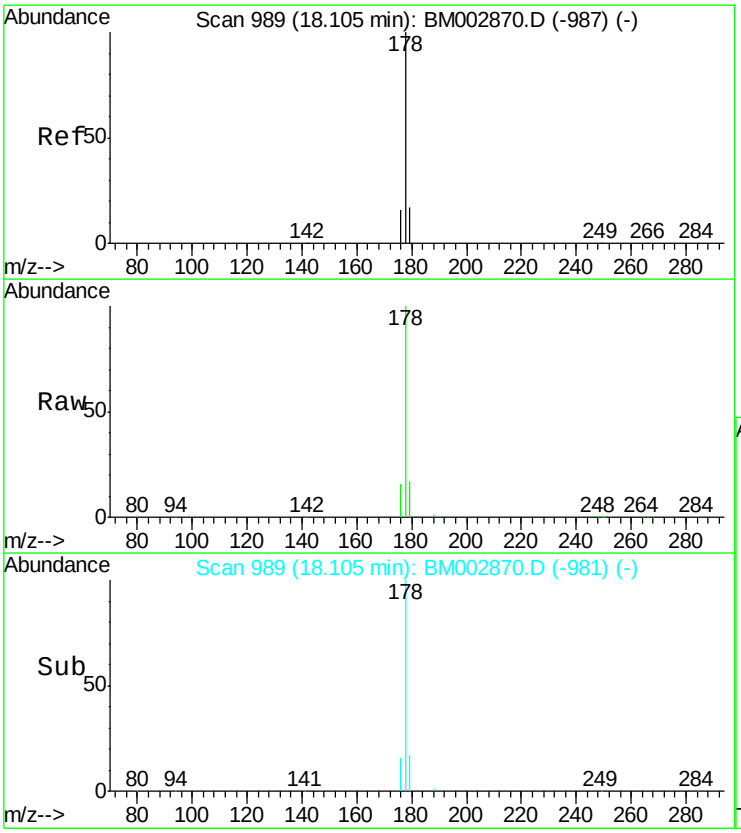
#23
Phenanthrene
Concen: 1.10 ng
RT: 18.00 min Scan# 985
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:178 Resp: 66693

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.6	12.5	18.7

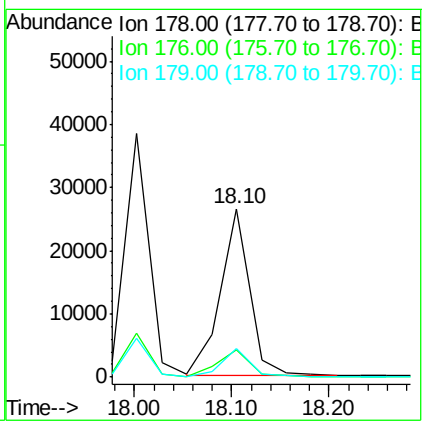


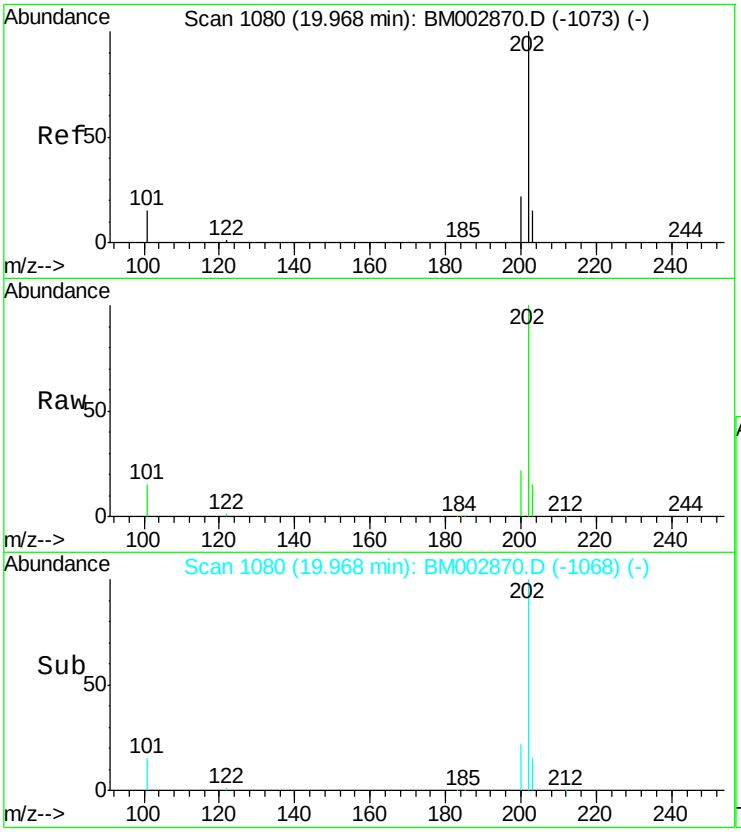


#24
Anthracene
Concen: 1.03 ng
RT: 18.10 min Scan# 989
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Tgt Ion:178 Resp: 55204

Ion	Ratio	Lower	Upper
178	100		
176	17.5	13.9	20.9
179	15.6	12.6	18.8



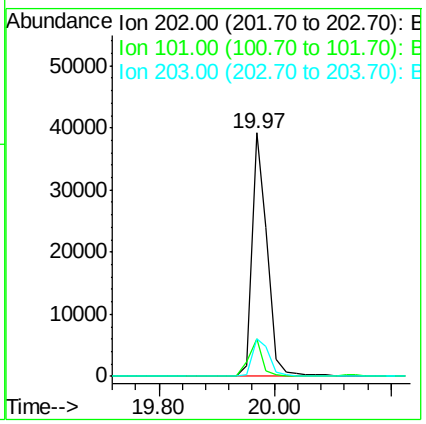


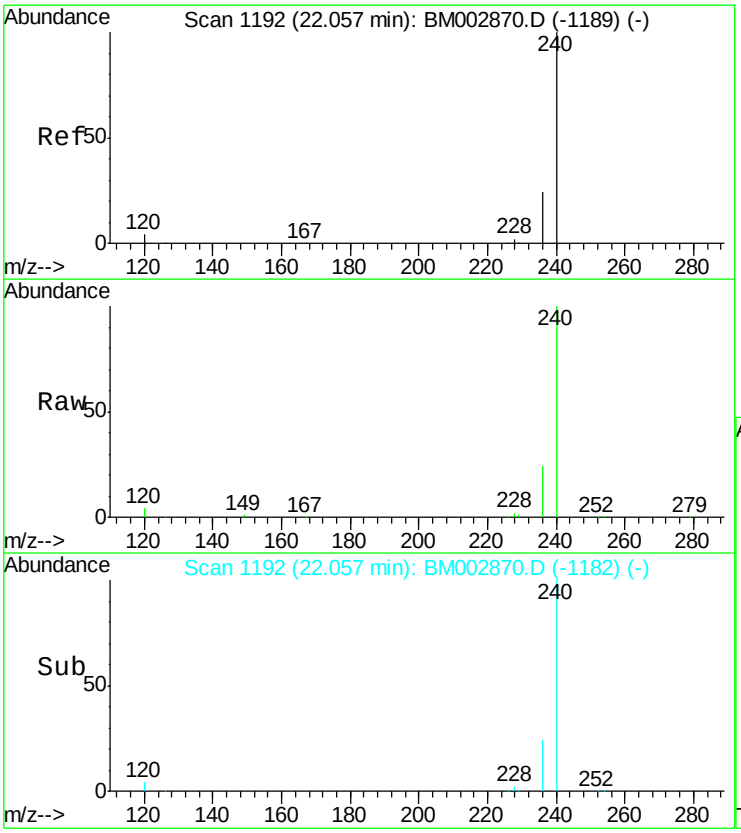
#25
Fluoranthene
Concen: 0.99 ng
RT: 19.97 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:202 Resp: 70912

Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.0	16.6
203	17.2	13.8	20.6

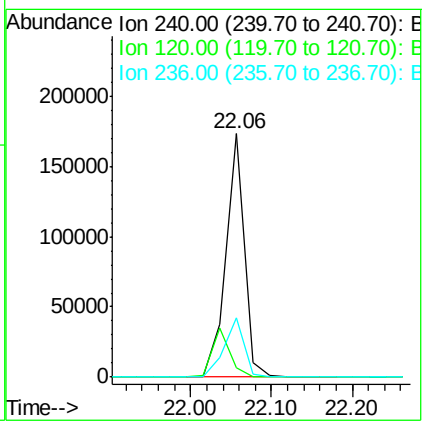


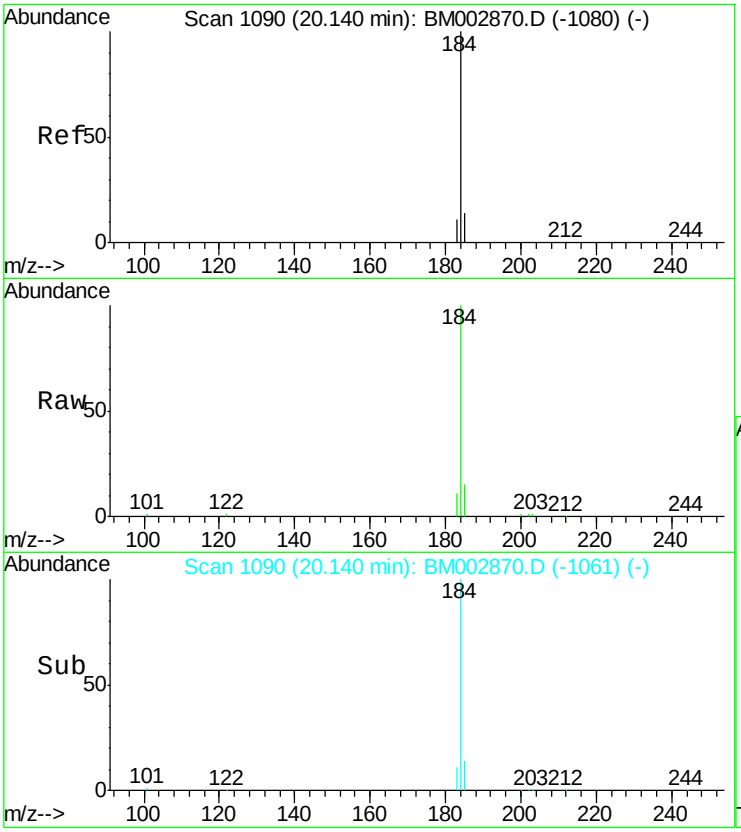


#26
Chrysene-d12
Concen: 5.00 ng
RT: 22.06 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Tgt Ion:240 Resp: 274293

Ion	Ratio	Lower	Upper
240	100		
120	4.1	3.3	4.9
236	24.4	19.5	29.3



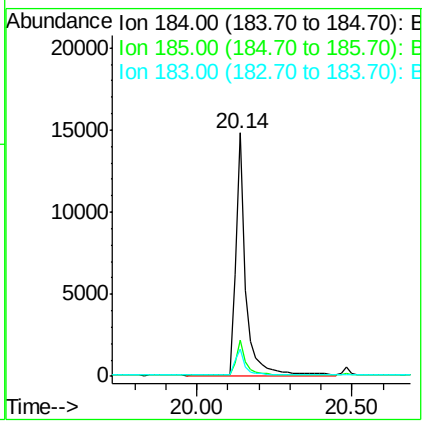


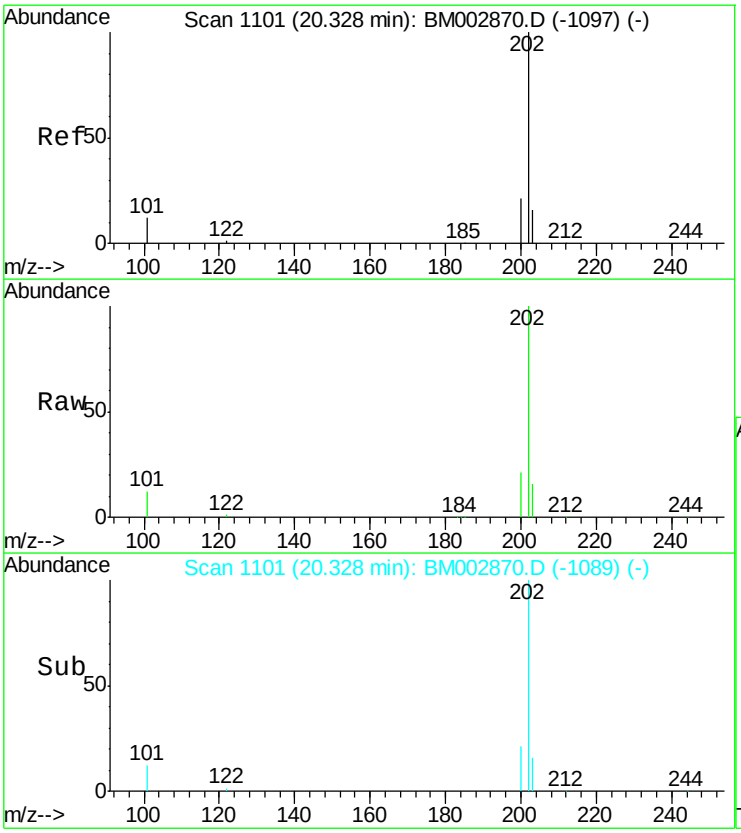
#27
Benzidine
Concen: 3.38 ng
RT: 20.14 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:184 Resp: 33123

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.0	18.0
183	11.1	8.9	13.3

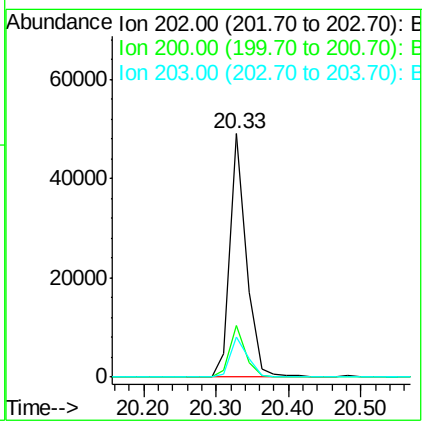


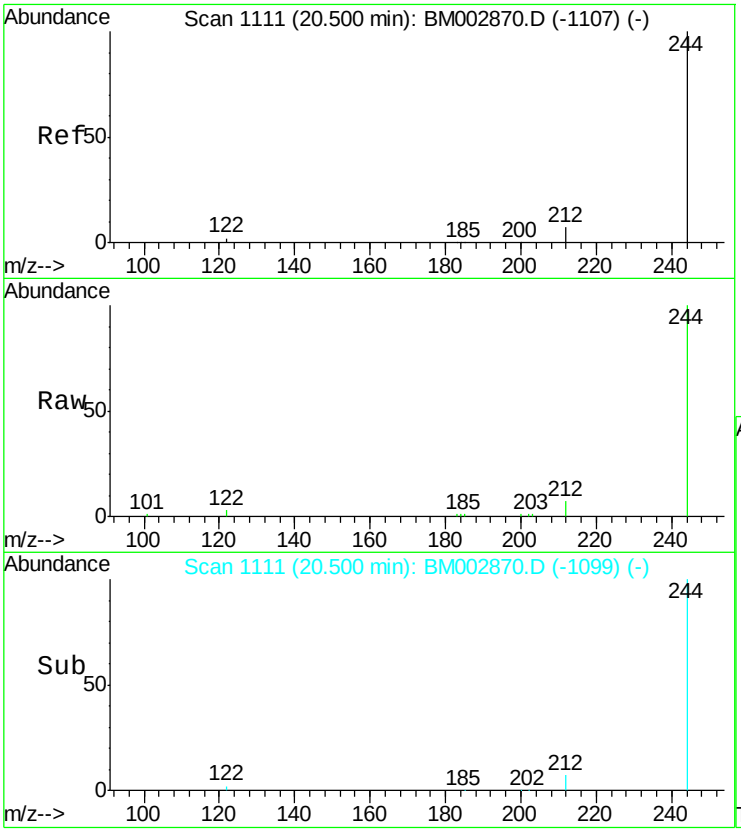


#28
Pyrene
Concen: 1.05 ng
RT: 20.33 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Tgt Ion:202 Resp: 75441

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.4
203	17.3	13.8	20.8



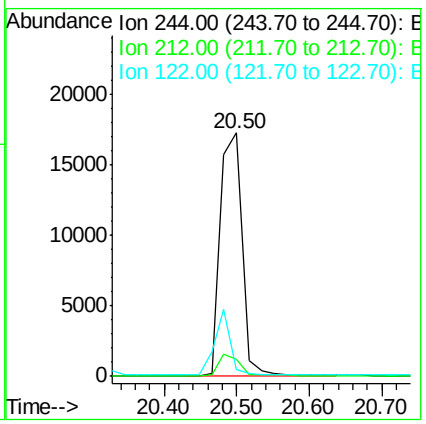


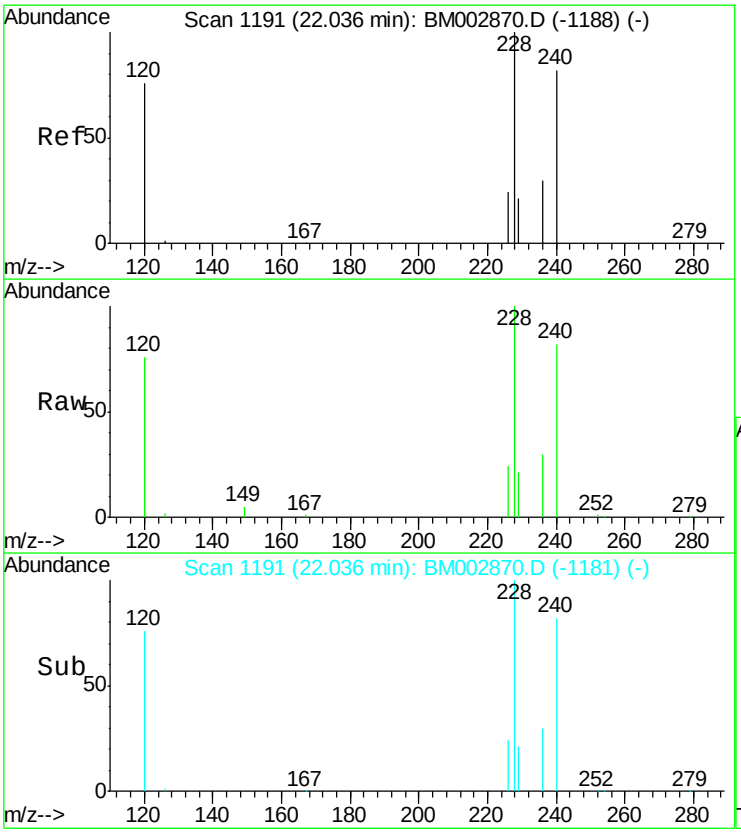
#29
Terphenyl-d14
Concen: 1.01 ng
RT: 20.50 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:244 Resp: 35871

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	2.7	2.2	3.2

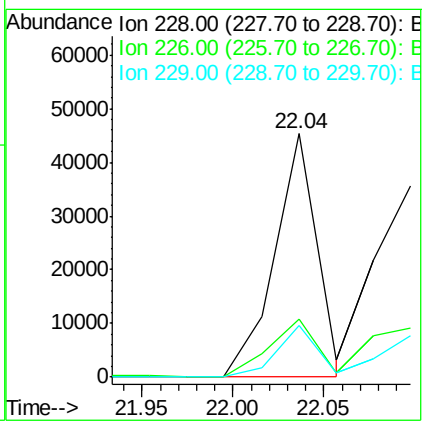


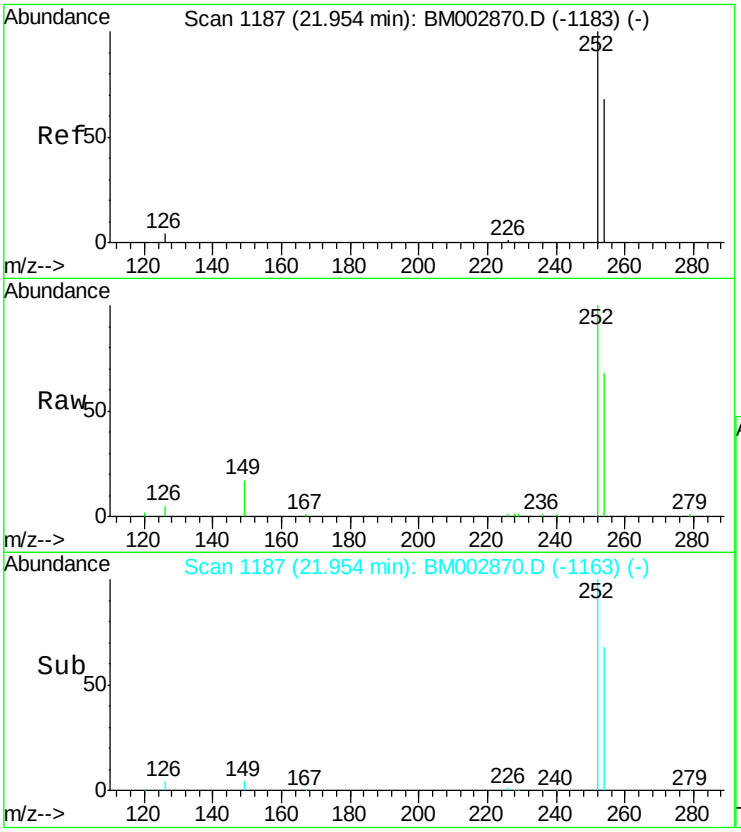


#30
Benzo(a)anthracene
Concen: 1.10 ng
RT: 22.04 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Tgt Ion:228 Resp: 73315

Ion	Ratio	Lower	Upper
228	100		
226	23.8	19.0	28.6
229	21.0	16.8	25.2



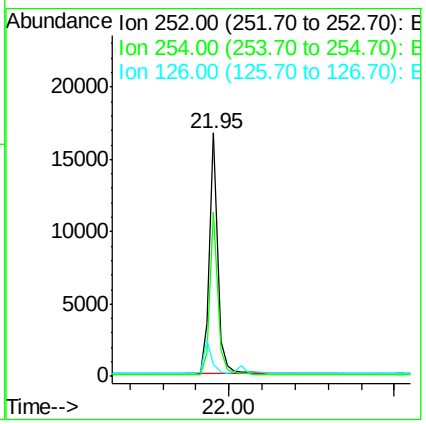


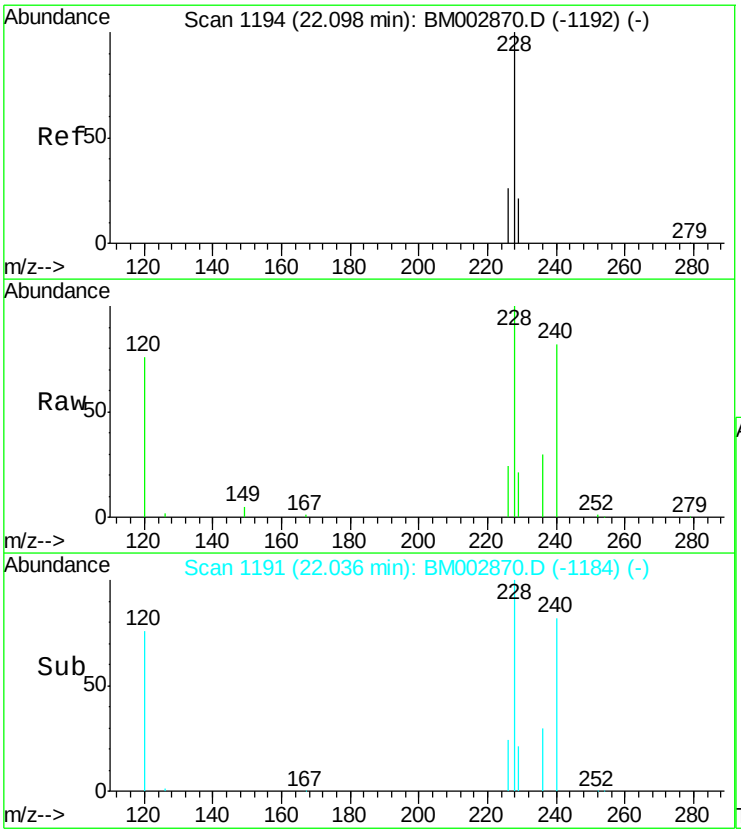
#31
3,3'-Dichlorobenzidine
Concen: 2.13 ng
RT: 21.95 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:252 Resp: 29047

Ion	Ratio	Lower	Upper
252	100		
254	67.6	54.1	81.1
126	5.1	4.1	6.1

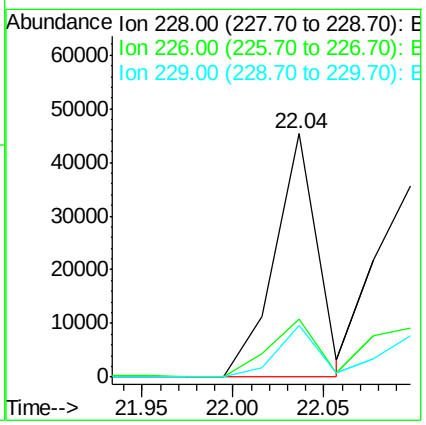


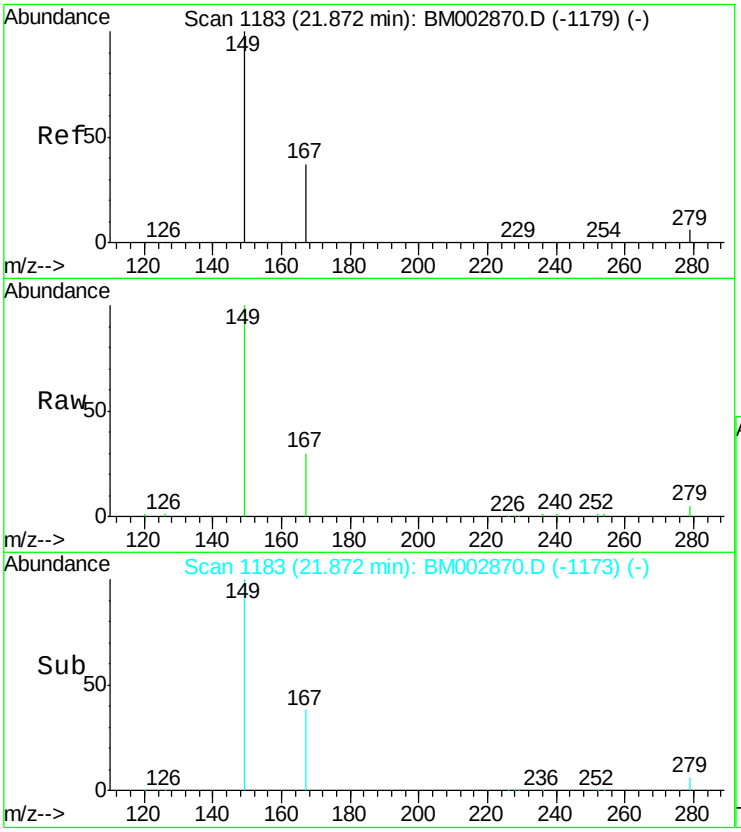


#32
Chrysene
Concen: 0.88 ng
RT: 22.04 min Scan# 1191
Delta R.T. -0.06 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Tgt Ion:228 Resp: 73315

Ion	Ratio	Lower	Upper
228	100		
226	23.8	20.6	30.8
229	21.0	17.4	26.2



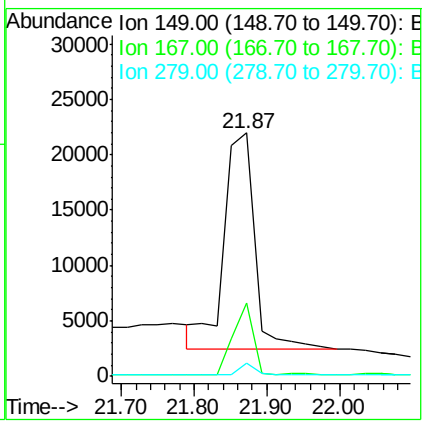


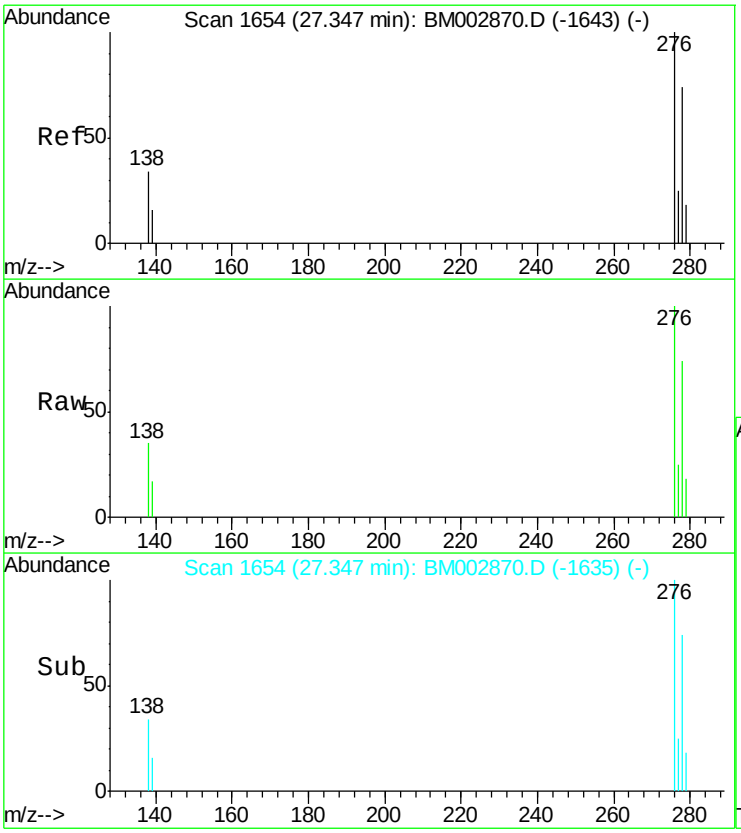
#33
Bis(2-ethylhexyl)phthalate
Concen: 1.84 ng
RT: 21.87 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:149 Resp: 56653

Ion	Ratio	Lower	Upper
149	100		
167	21.5	17.2	25.8
279	2.8	2.2	3.4

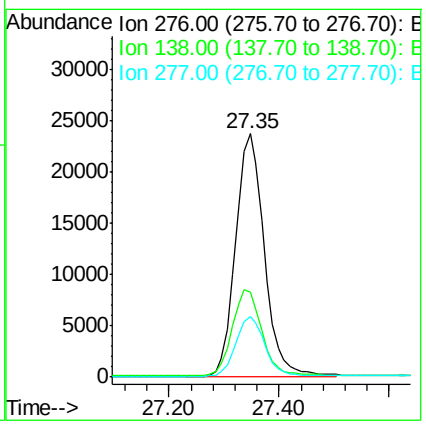


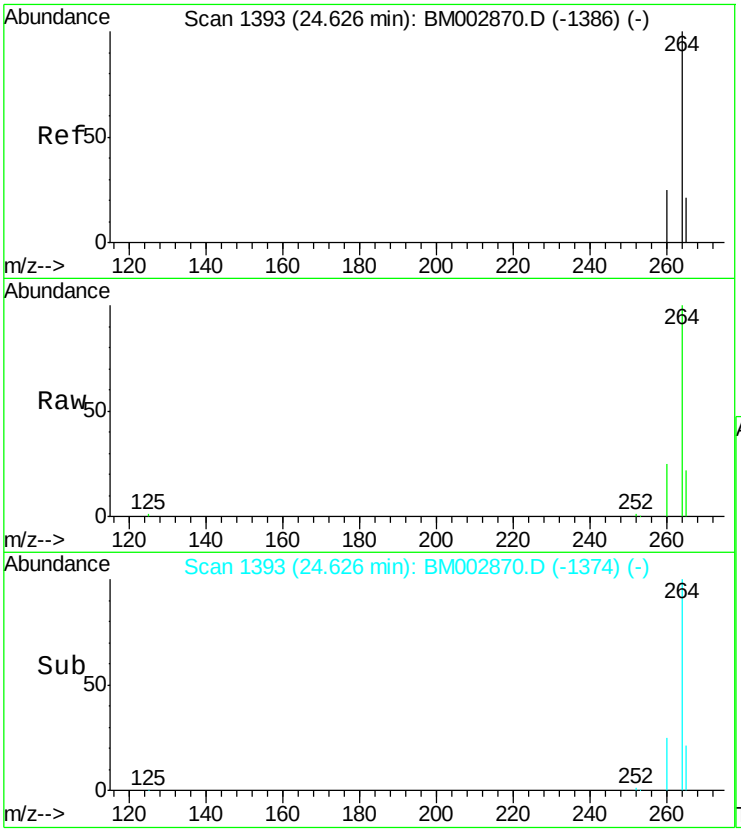


#34
Indeno(1,2,3-cd)pyrene
Concen: 1.23 ng
RT: 27.35 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Tgt Ion:276 Resp: 85923

Ion	Ratio	Lower	Upper
276	100		
138	36.3	29.0	43.6
277	24.8	19.8	29.8



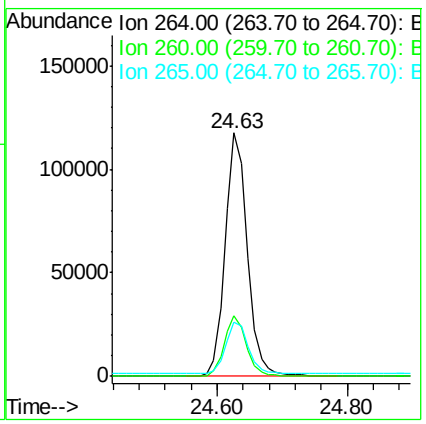


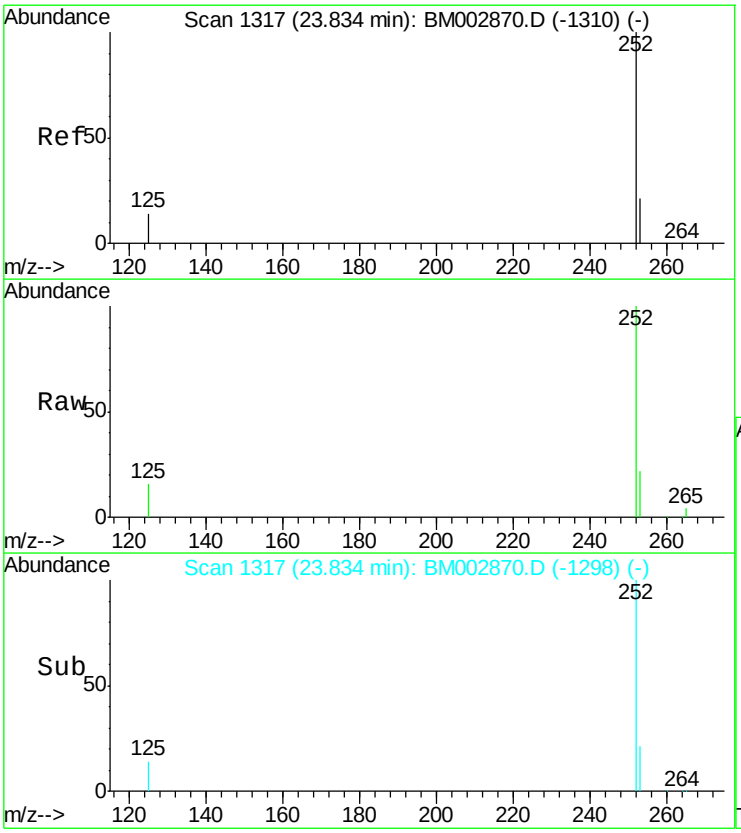
#35
Perylene-d12
Concen: 5.00 ng
RT: 24.63 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:264 Resp: 275805

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	22.0	17.6	26.4

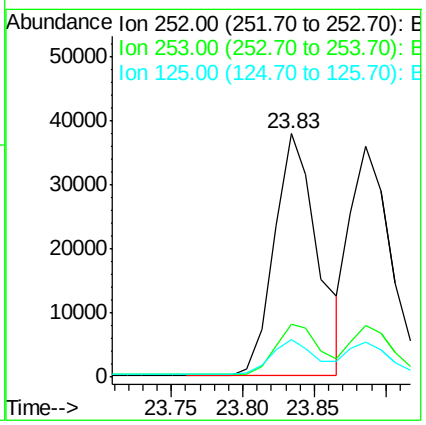


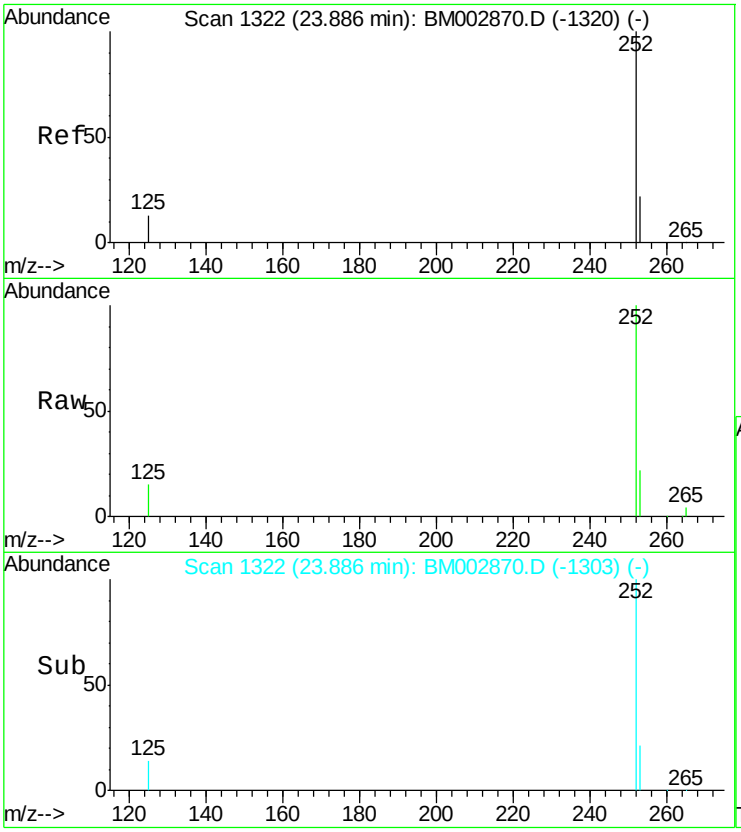


#36
Benzo(b)fluoranthene
Concen: 1.26 ng
RT: 23.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Tgt Ion:252 Resp: 80345

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	15.5	12.4	18.6



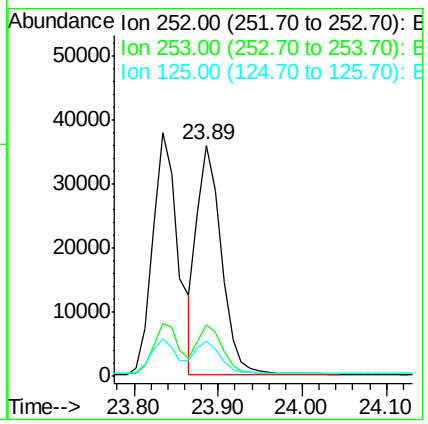


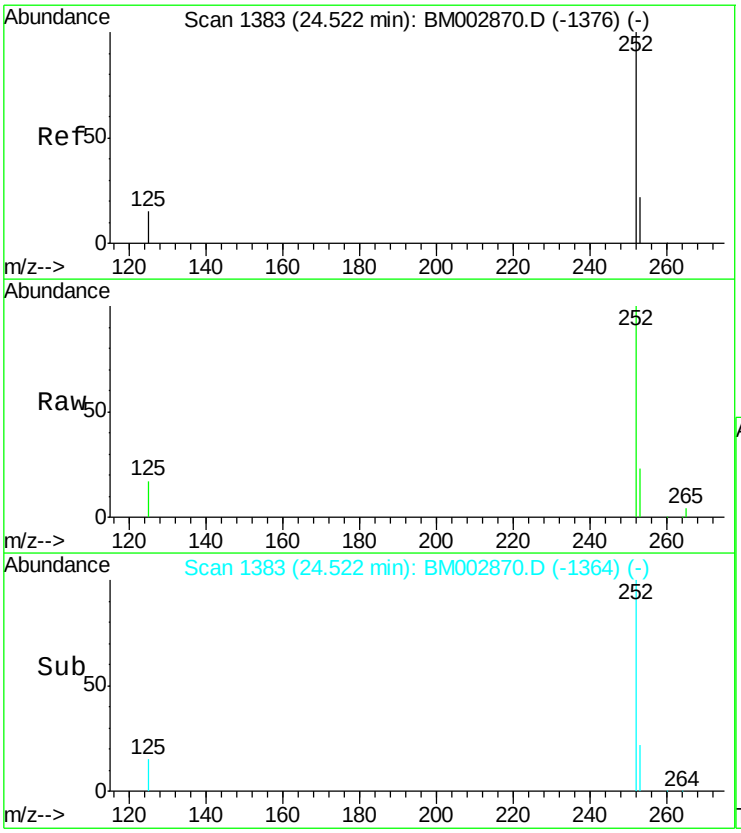
#37
Benzo(k)fluoranthene
Concen: 0.86 ng
RT: 23.89 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:252 Resp: 71254

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	15.4	12.3	18.5

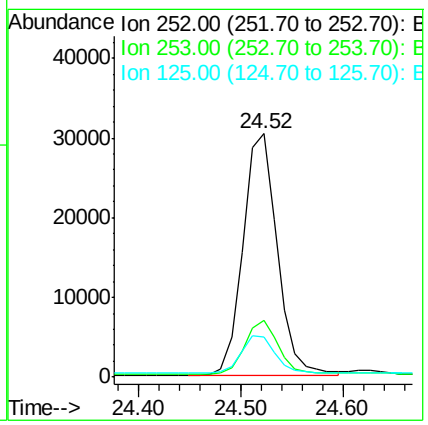


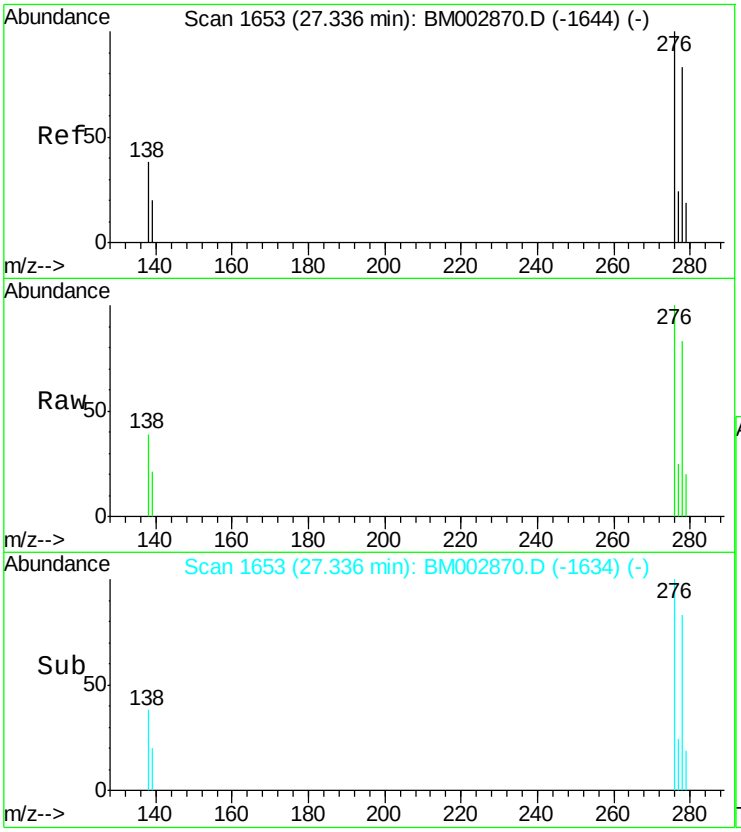


#38
Benzo(a)pyrene
Concen: 1.19 ng
RT: 24.52 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Tgt Ion:252 Resp: 70509

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	16.6	13.3	19.9



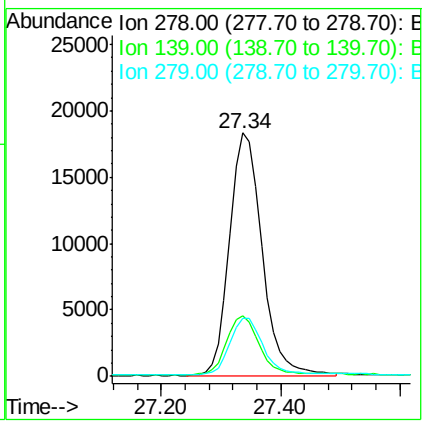


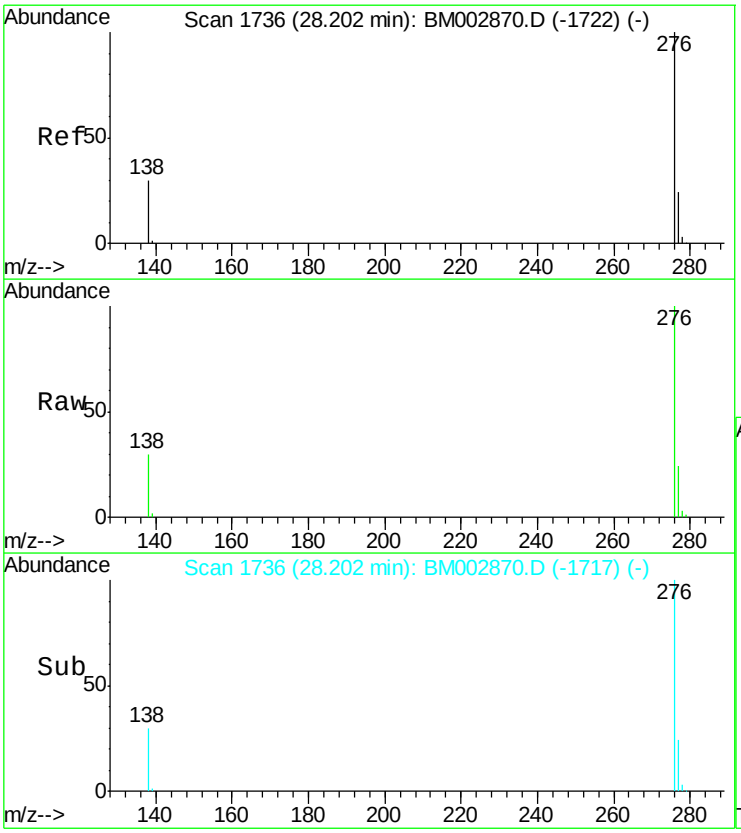
#39
Dibenzo(a,h)anthracene
Concen: 1.18 ng
RT: 27.34 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:278 Resp: 68651

Ion	Ratio	Lower	Upper
278	100		
139	24.7	19.8	29.6
279	23.9	19.1	28.7





#40
Benzo(g,h,i)perylene
Concen: 1.13 ng
RT: 28.20 min Scan# 1736
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Tgt Ion:276 Resp: 71151

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.0
138	30.5	24.4	36.6