Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100815\
Data File : BM002874.D
Acq On : 08 Oct 2015 21:34
Operator : UM/IZ
Sample : SSTDICV001
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ICVBM100815

Quant Time: Oct 09 04:00:22 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 02:41:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	53149	5.00	ng		0.00
7) Naphthalene-d8	11.52	136	219531	5.00	ng		0.00
13) Acenaphthene-d10	15.25	164	117422	5.00	ng		0.00
19) Phenanthrene-d10	17.95	188	242297	5.00	ng		0.00
26) Chrysene-d12	22.06	240	271329	5.00	ng		0.00
35) Perylene-d12	24.63	264	273958	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	6.16	112	9215	0.81	ng		0.02
5) Phenol-d6	7.80	99	12466	0.89	ng		0.00
8) Nitrobenzene-d5	9.88	82	10240	0.93	ng		0.01
14) 2,4,6-Tribromophenol	16.74	330	3353	0.86	ng		0.00
15) 2-Fluorobiphenyl	13.90	172	33540	0.94	ng		0.00
29) Terphenyl-d14	20.50	244	34896	0.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	4557	0.95	ng		99
3) n-Nitrosodimethylamine	4.17	42	3884	0.94	ng		99
6) bis(2-Chloroethyl)ether	8.06	93	11621	0.84	ng		100
9) Nitrobenzene	9.93	77	10781	0.92	ng		100
10) Naphthalene	11.57	128	44423	0.91	ng		100
11) Hexachlorobutadiene	11.81	225	7065	0.91	ng		100
12) 2-Methylnaphthalene	13.14	142	29641	0.91	ng		98
16) Acenaphthylene	14.99	152	45731	0.92	ng		100
17) Acenaphthene	15.32	154	28471	0.88	ng	#	100
18) Fluorene	16.30	166	35703	0.91	ng		100
20) 4-Bromophenyl-phenylether	17.13	248	11366	0.98	ng		98
21) Hexachlorobenzene	17.29	284	12787	0.90	ng	#	100
22) Pentachlorophenol	17.64	266	727	0.74	ng		100
23) Phenanthrene	18.00	178	64603	0.91	ng		100
24) Anthracene	18.10	178	53183	0.89	ng		100
25) Fluoranthene	19.97	202	67913	0.86	ng		100
27) Benzidine	20.14	184	32932	0.92	ng		99
28) Pyrene	20.33	202	72247	0.99	ng		100
30) Benzo(a)anthracene	22.04	228	68130	0.88	ng		96
31) 3,3'-Dichlorobenzidine	21.96	252	26807	0.90	ng		94
32) Chrysene	22.04	228	67775	0.93	ng		95
33) Bis(2-ethylhexyl)phthalate	21.85	149	43469	0.92	ng	#	92
34) Indeno(1,2,3-cd)pyrene	27.34	276	78240	0.90	ng		100
36) Benzo(b)fluoranthene	23.84	252	71072	0.91	ng		98
37) Benzo(k)fluoranthene	23.89	252	71385	0.94	ng		99
38) Benzo(a)pyrene	24.52	252	65290	0.91	ng		99
39) Dibenzo(a,h)anthracene	27.34	278	62371	0.89	ng		99
40) Benzo(g,h,i)perylene	28.19	276	64436	0.89	ng		98

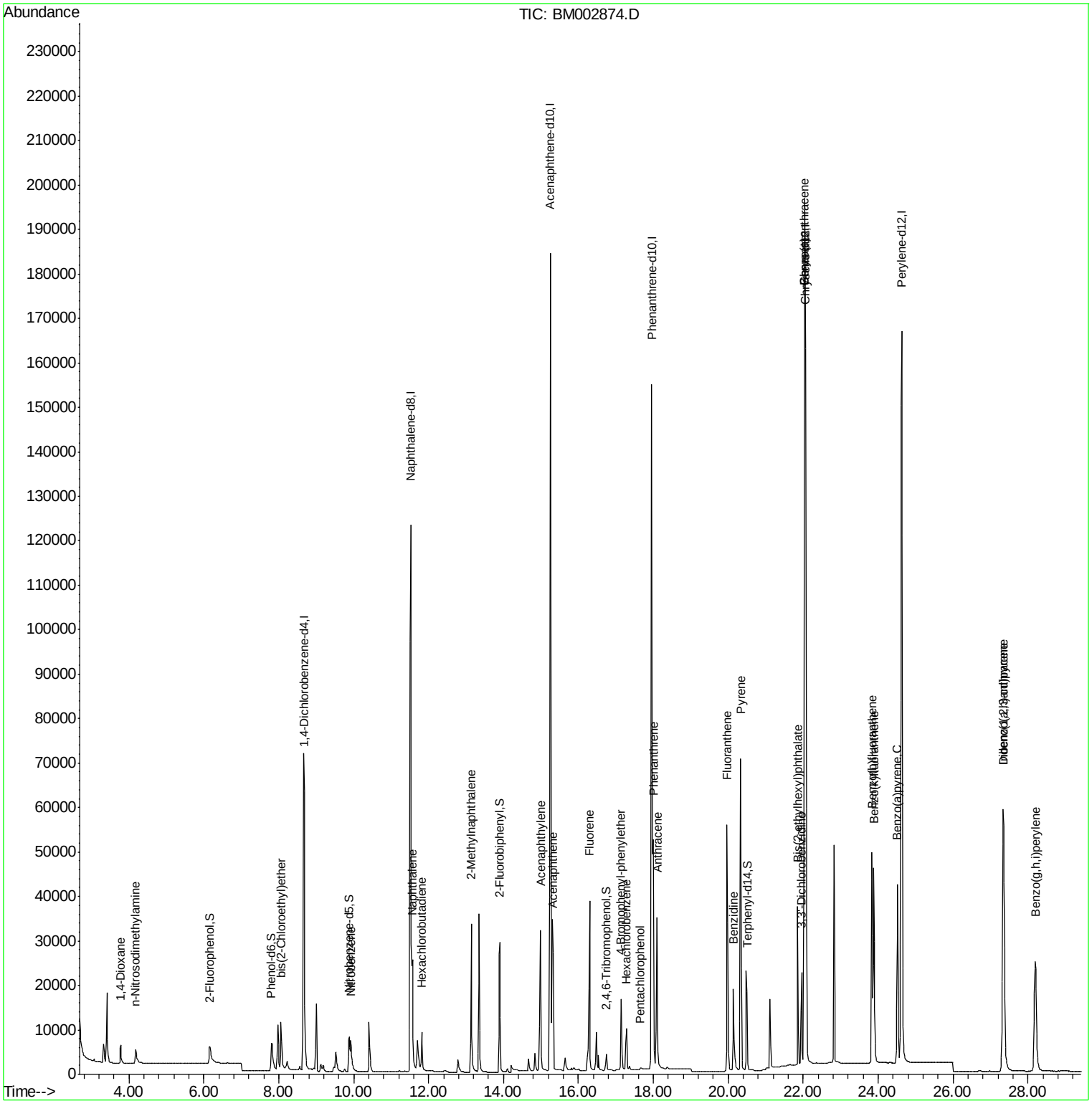
(#) = qualifier out of range (m) = manual integration (+) = signals summed

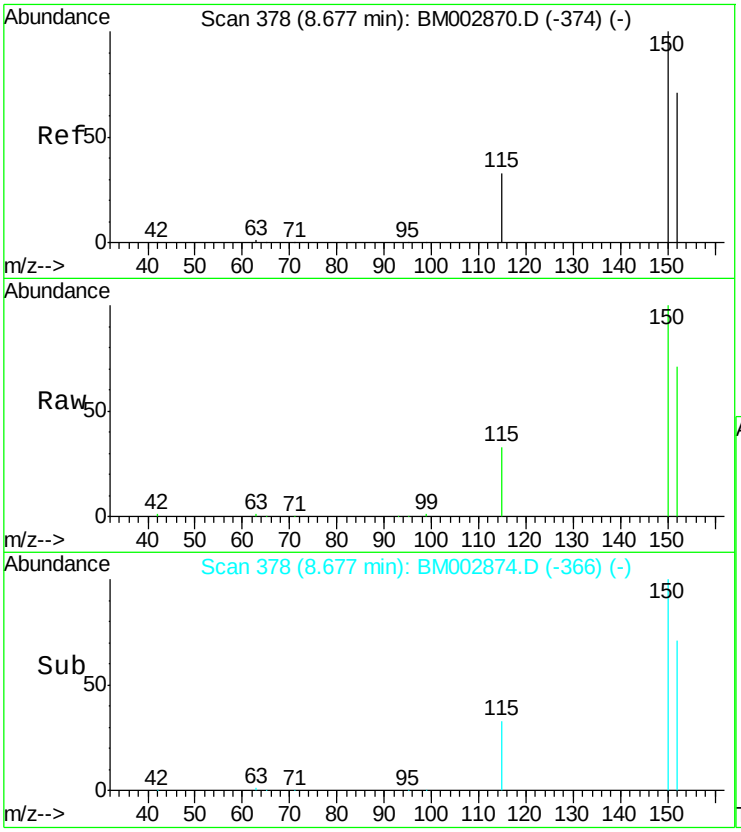
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100815\
Data File : BM002874.D
Acq On : 08 Oct 2015 21:34
Operator : UM/IZ
Sample : SSTDICV001
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM100815

Quant Time: Oct 09 04:00:22 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 02:41:41 2015
Response via : Initial Calibration



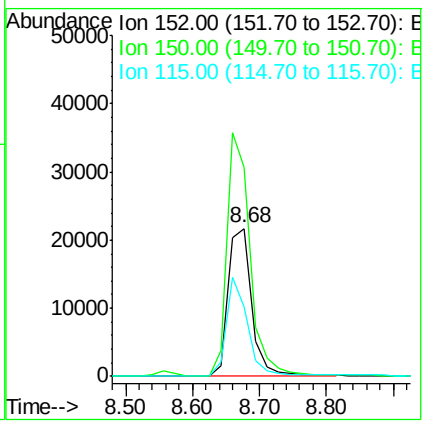


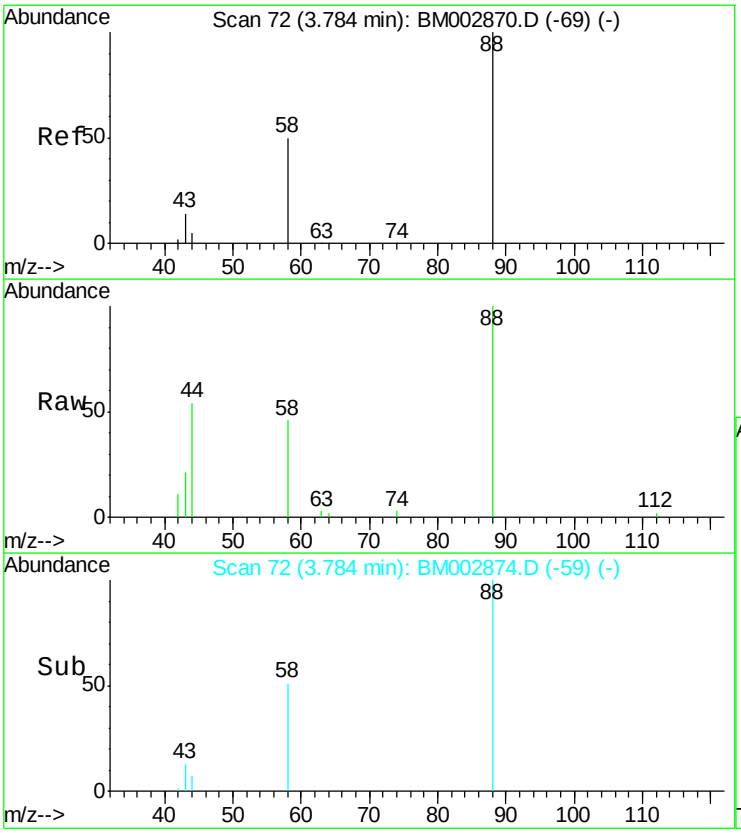
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.68 min Scan# 378
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Instrument :
BNA_M
ClientSampleId :
ICVBM100815

Tgt Ion:152 Resp: 53149

Ion	Ratio	Lower	Upper
152	100		
150	140.7	113.0	169.6
115	47.1	37.9	56.9

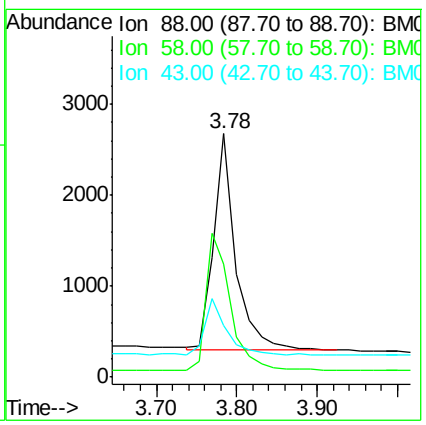


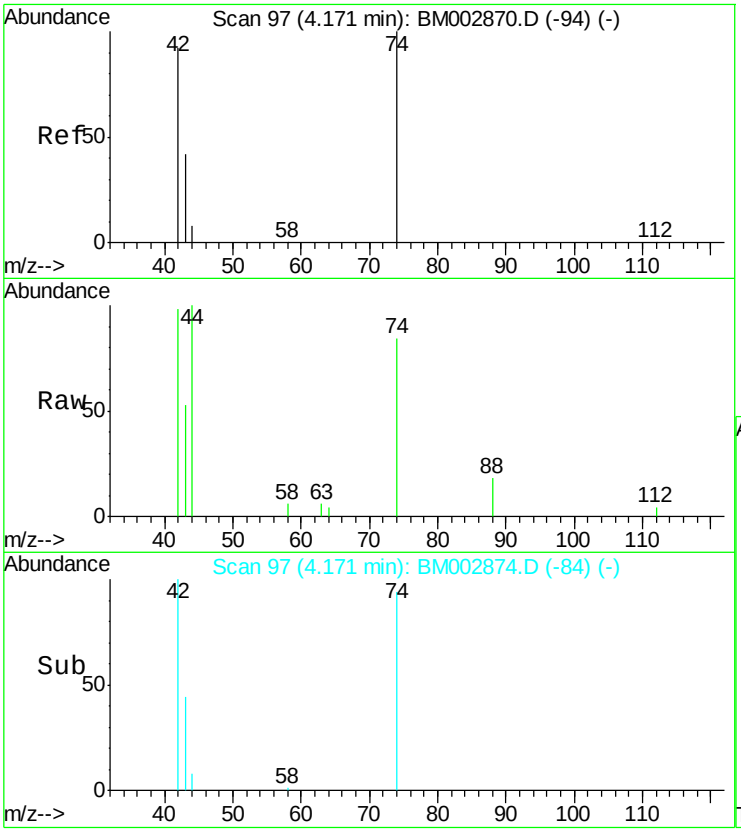


#2
1,4-Dioxane
Concen: 0.95 ng
RT: 3.78 min Scan# 72
Delta R.T. 0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Tgt Ion: 88 Resp: 4557

Ion	Ratio	Lower	Upper
88	100		
58	70.4	56.7	85.1
43	25.6	22.0	33.0



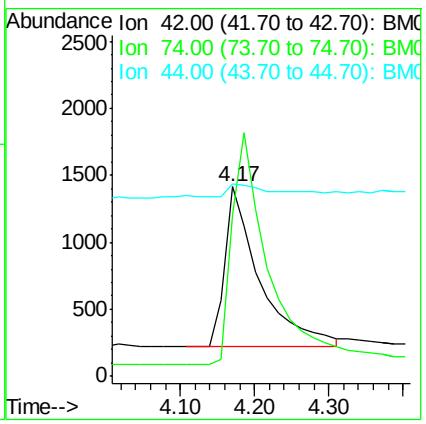


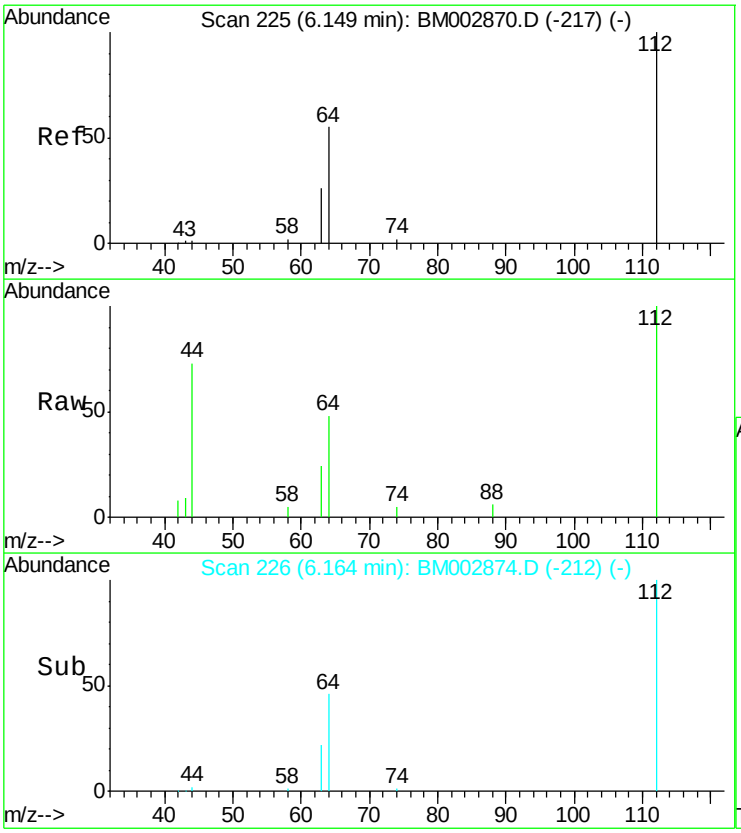
#3
n-Nitrosodimethylamine
Concen: 0.94 ng
RT: 4.17 min Scan# 97
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Instrument :
BNA_M
ClientSampleId :
ICVBM100815

Tgt Ion: 42 Resp: 3884

Ion	Ratio	Lower	Upper
42	100		
74	151.0	119.7	179.5
44	12.1	9.8	14.6

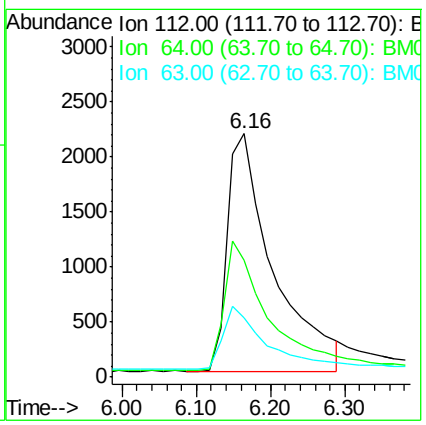


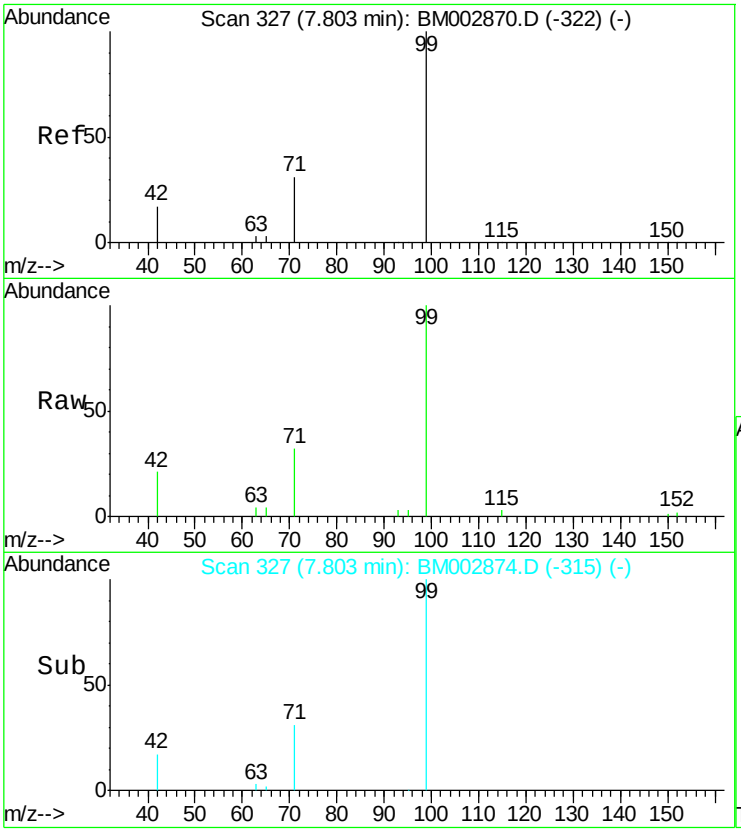


#4
2-Fluorophenol
Concen: 0.81 ng
RT: 6.16 min Scan# 226
Delta R.T. 0.02 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Tgt Ion:112 Resp: 9215

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



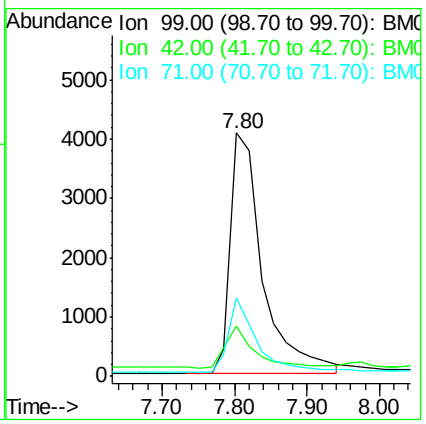


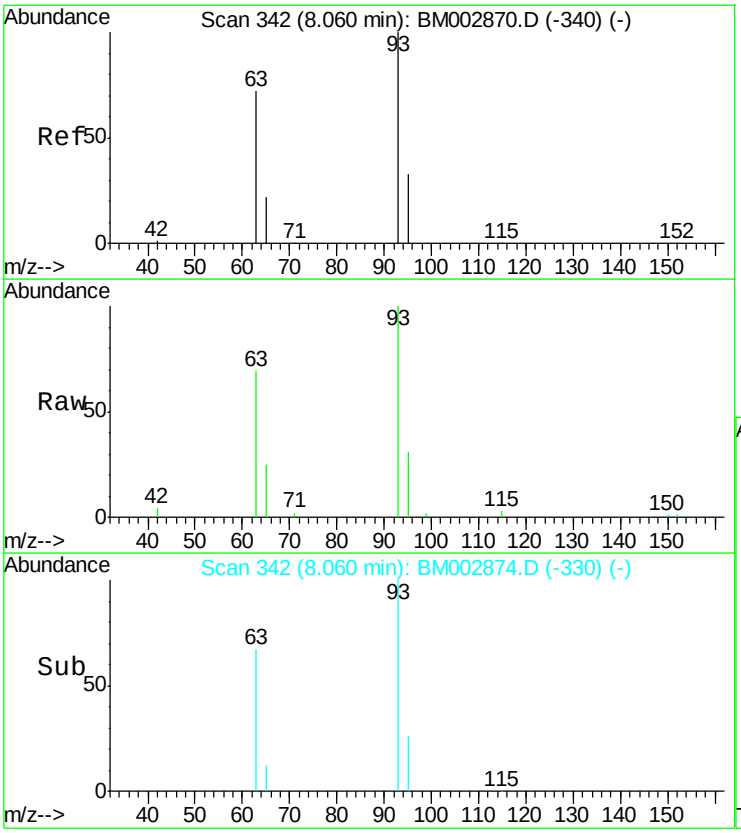
#5
Phenol-d6
Concen: 0.89 ng
RT: 7.80 min Scan# 327
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Instrument :
BNA_M
ClientSampleId :
ICVBM100815

Tgt Ion: 99 Resp: 12466

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

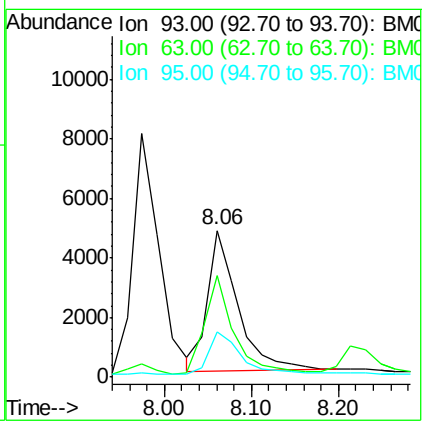


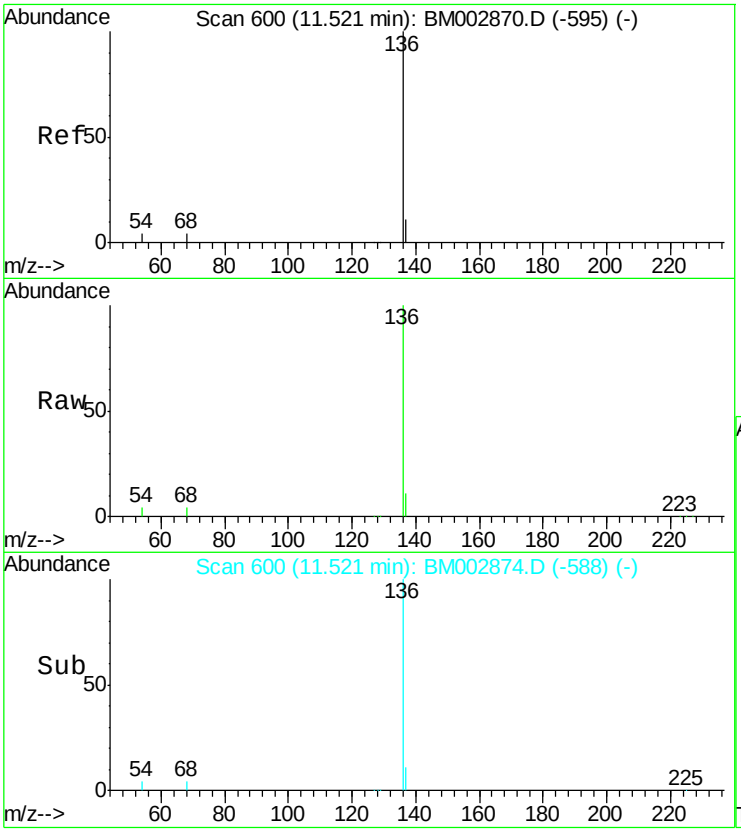


#6
bis(2-Chloroethyl)ether
Concen: 0.84 ng
RT: 8.06 min Scan# 342
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Tgt Ion: 93 Resp: 11621

Ion	Ratio	Lower	Upper
93	100		
63	66.0	52.9	79.3
95	30.9	25.2	37.8



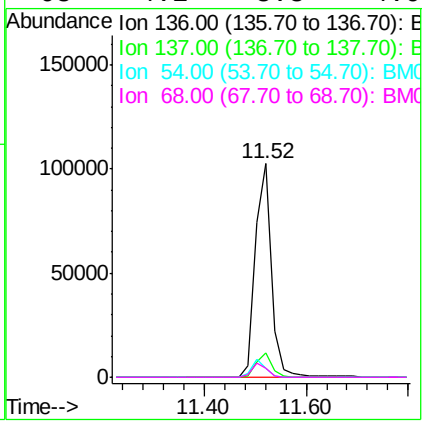


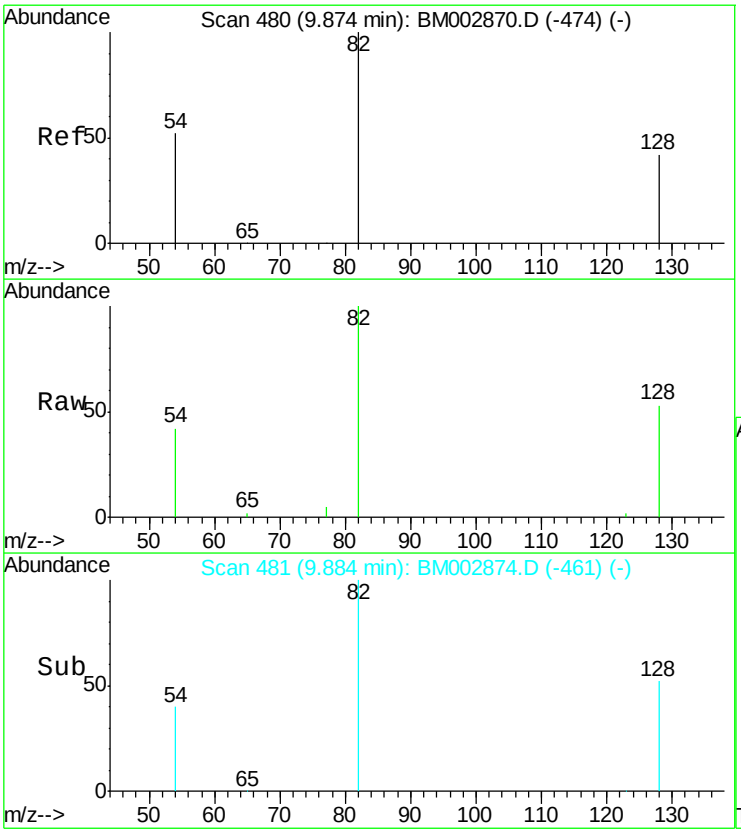
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 11.52 min Scan# 600
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Instrument :
BNA_M
ClientSampleId :
ICVBM100815

Tgt Ion:136 Resp: 219531

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	4.4	3.5	5.3
68	4.2	3.3	4.9

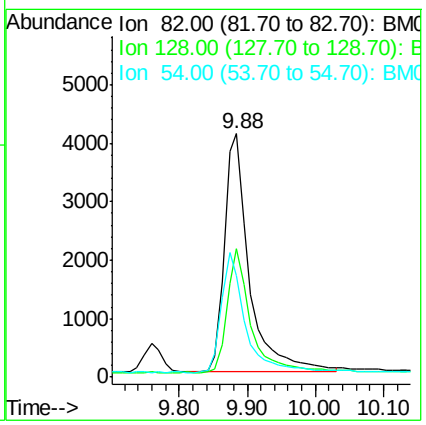


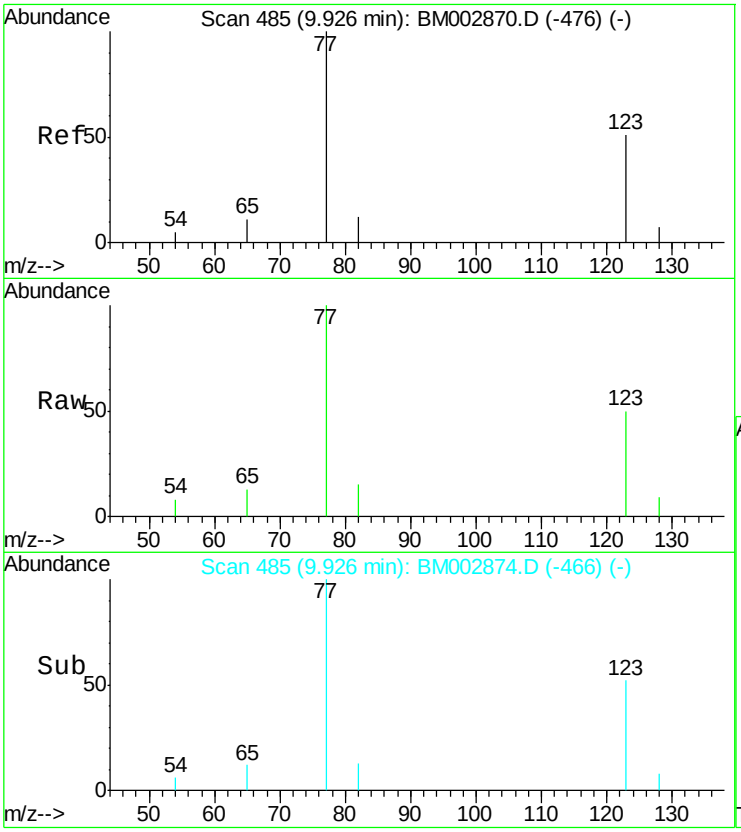


#8
Nitrobenzene-d5
Concen: 0.93 ng
RT: 9.88 min Scan# 481
Delta R.T. 0.01 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Tgt Ion: 82 Resp: 10240

Ion	Ratio	Lower	Upper
82	100		
128	52.8	34.1	51.1#
54	41.6	42.6	63.8#



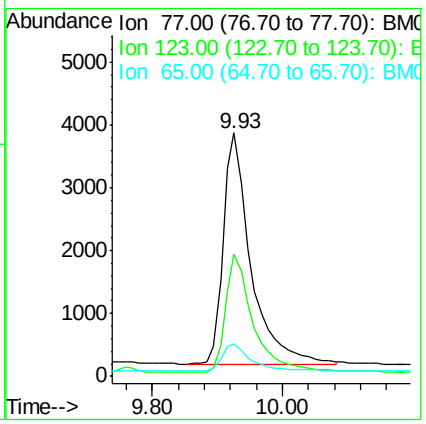


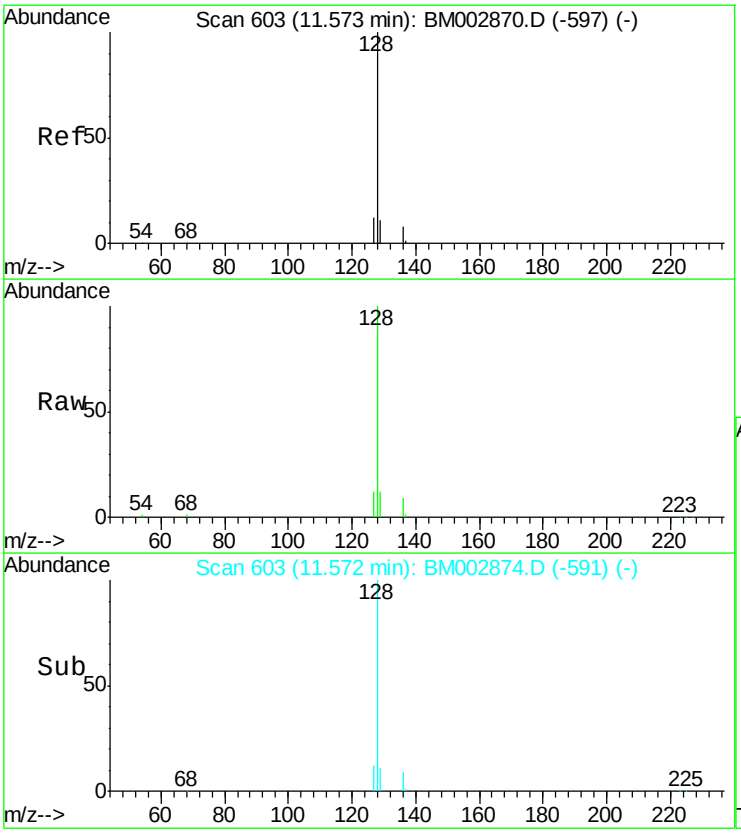
#9
Nitrobenzene
Concen: 0.92 ng
RT: 9.93 min Scan# 485
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Instrument :
BNA_M
ClientSampleId :
ICVBM100815

Tgt Ion: 77 Resp: 10781

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

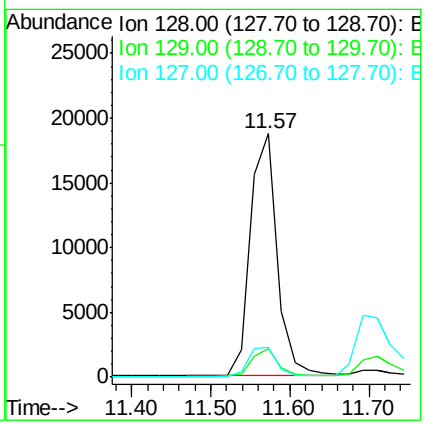


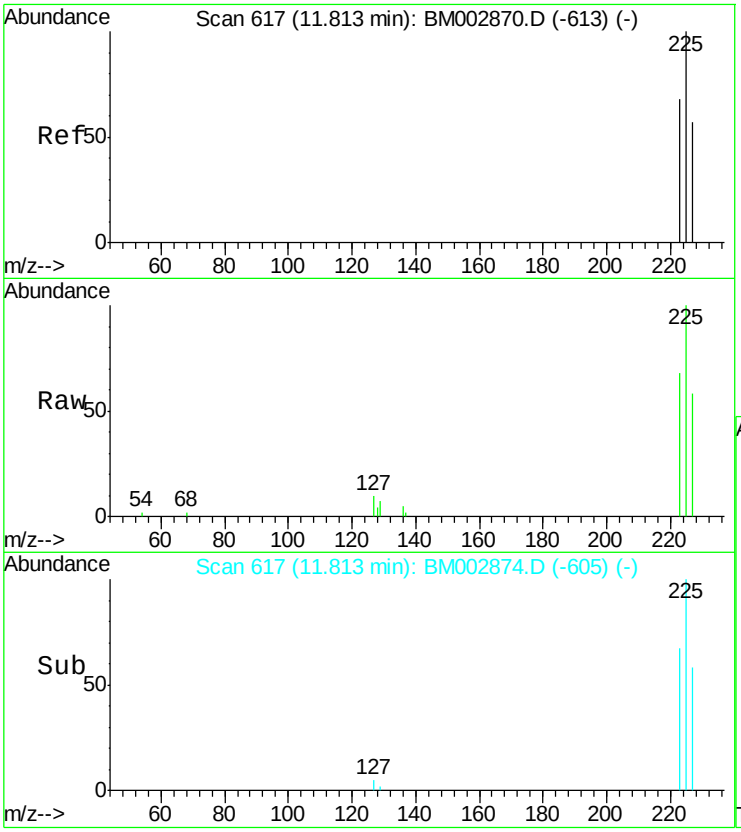


#10
Naphthalene
Concen: 0.91 ng
RT: 11.57 min Scan# 603
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Tgt Ion:128 Resp: 44423

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	12.0	9.6	14.4



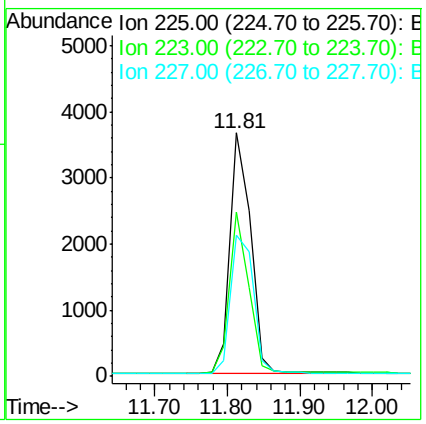


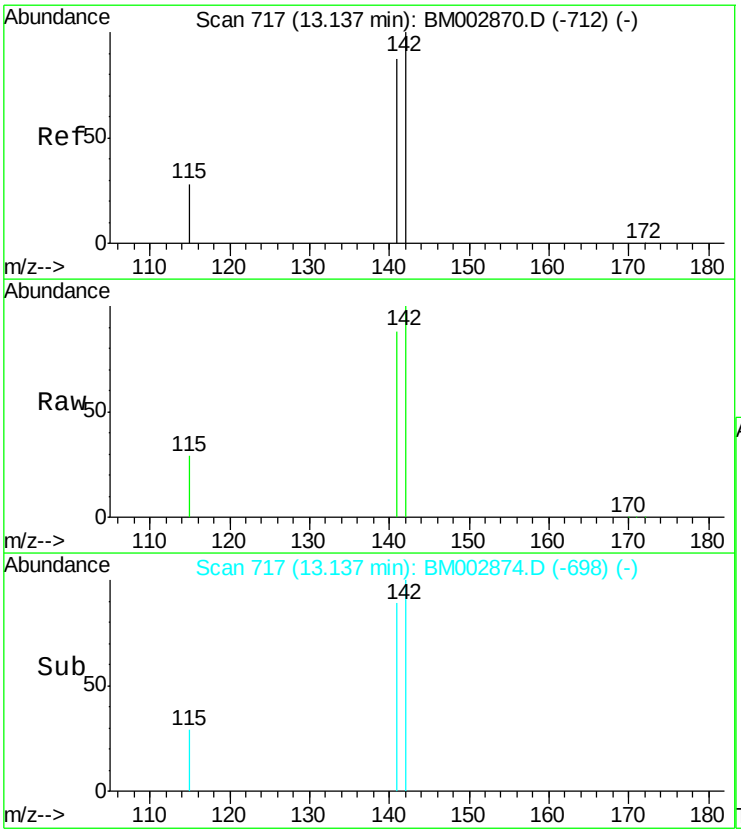
#11
Hexachlorobutadiene
Concen: 0.91 ng
RT: 11.81 min Scan# 617
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Instrument :
BNA_M
ClientSampleId :
ICVBM100815

Tgt Ion:225 Resp: 7065

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.1	75.1
227	63.9	51.2	76.8

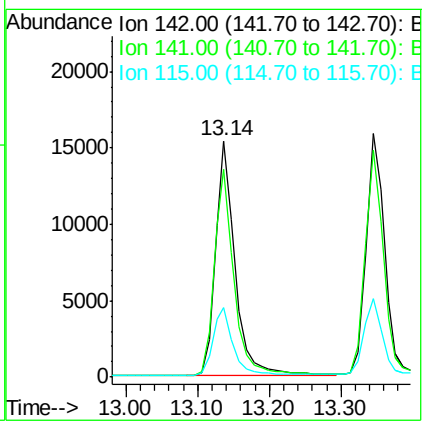


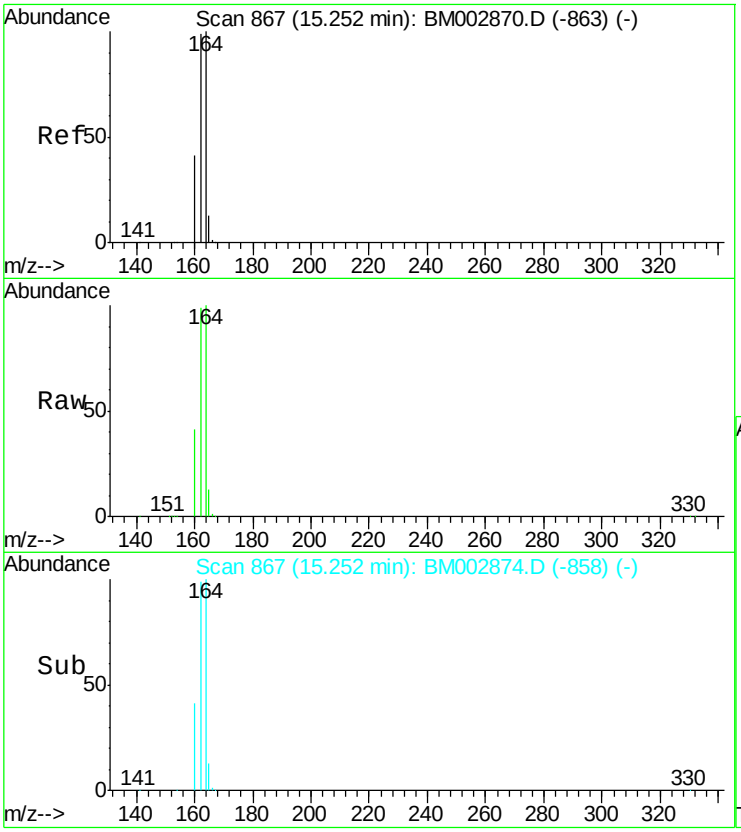


#12
2-Methylnaphthalene
Concen: 0.91 ng
RT: 13.14 min Scan# 717
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Tgt Ion:142 Resp: 29641

Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.4	104.0
115	29.2	22.7	34.1



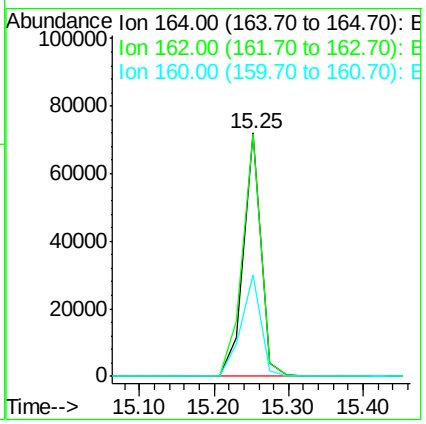


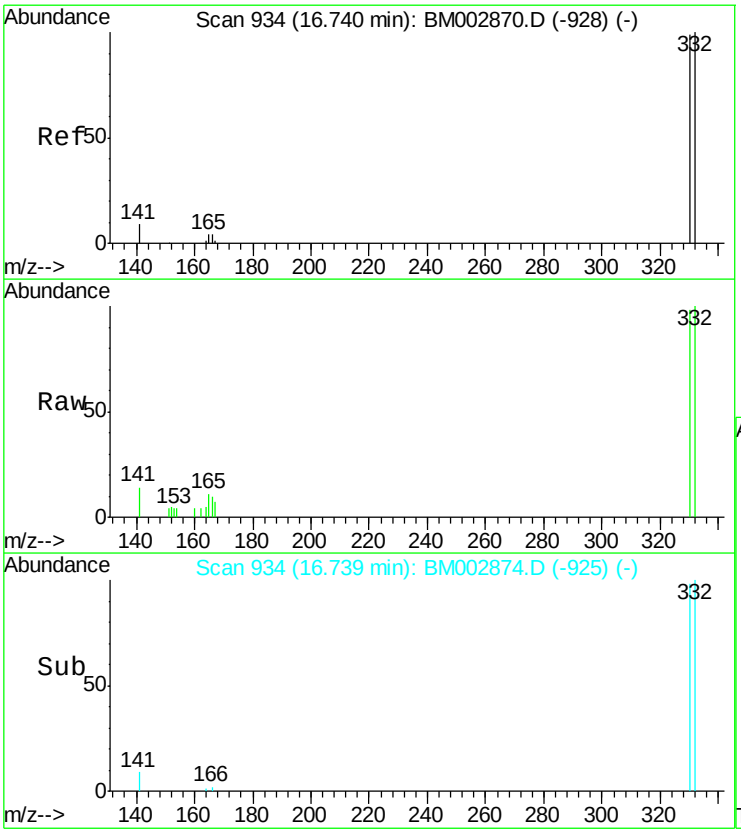
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 15.25 min Scan# 867
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Instrument :
BNA_M
ClientSampleId :
ICVBM100815

Tgt Ion:164 Resp: 117422

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.6	119.4
160	41.4	33.1	49.7

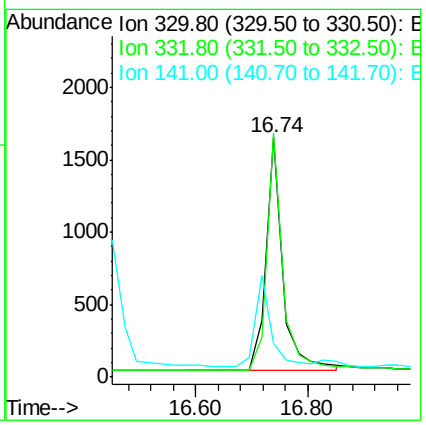


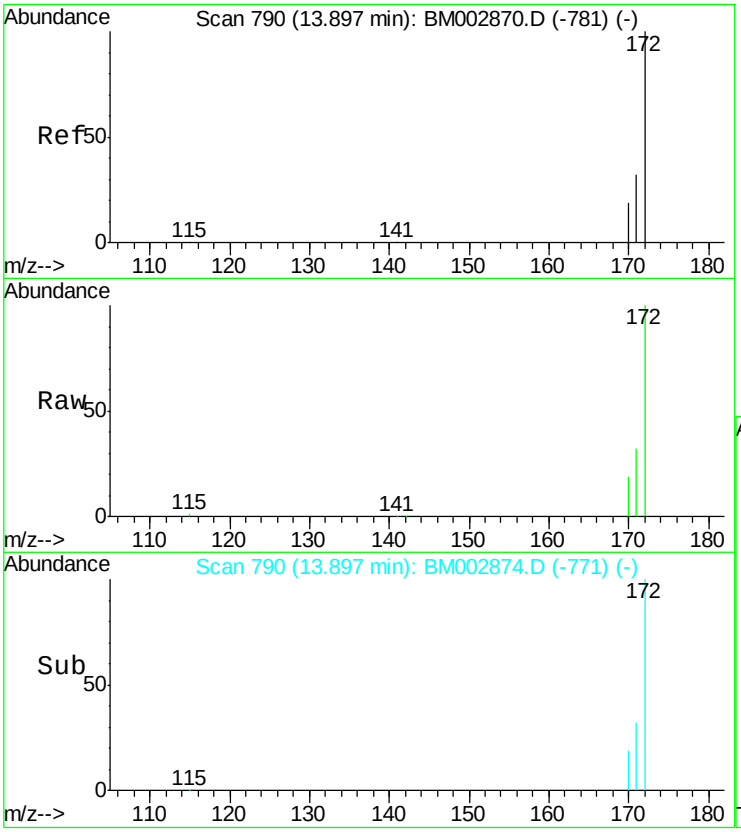


#14
2,4,6-Tribromophenol
Concen: 0.86 ng
RT: 16.74 min Scan# 934
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Tgt Ion:330 Resp: 3353

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	0.0	0.0	0.0



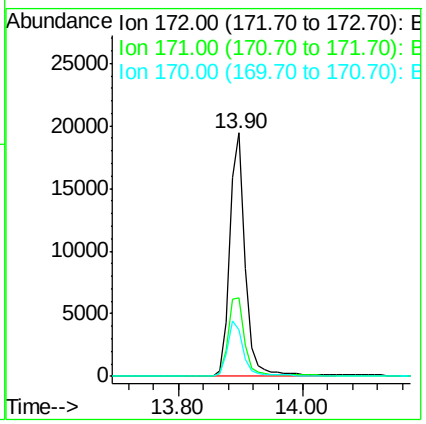


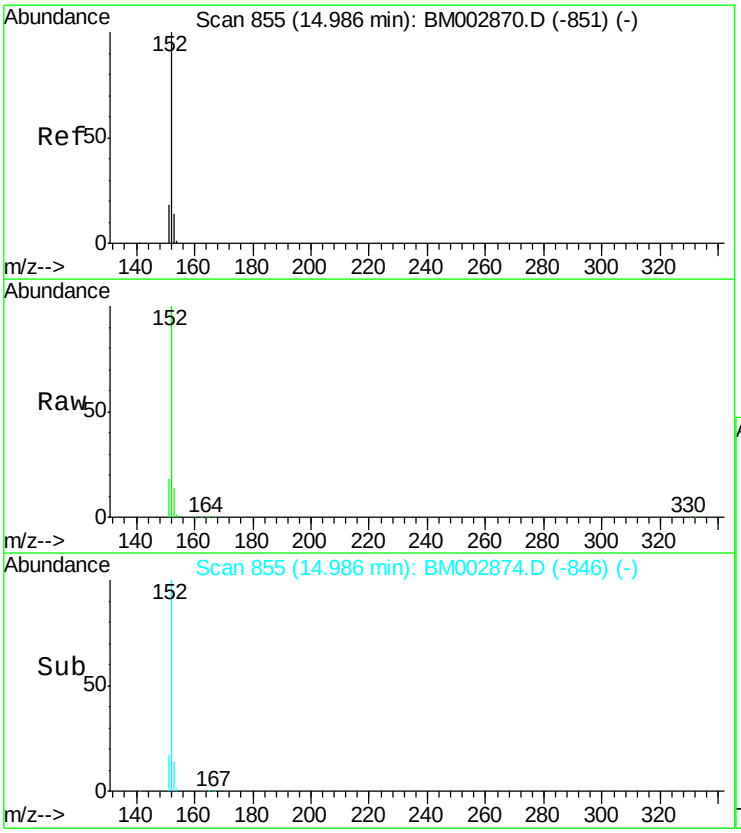
#15
2-Fluorobiphenyl
Concen: 0.94 ng
RT: 13.90 min Scan# 790
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Instrument :
BNA_M
ClientSampleId :
ICVBM100815

Tgt Ion:172 Resp: 33540

Ion	Ratio	Lower	Upper
172	100		
171	32.2	26.1	39.1
170	19.2	15.7	23.5

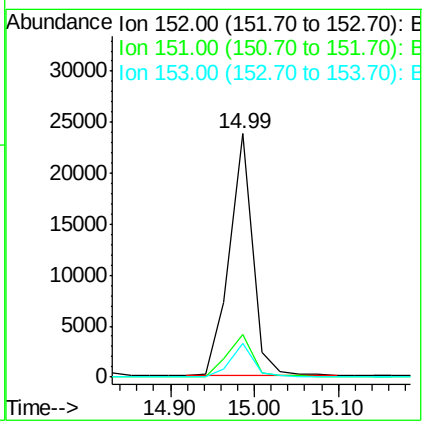


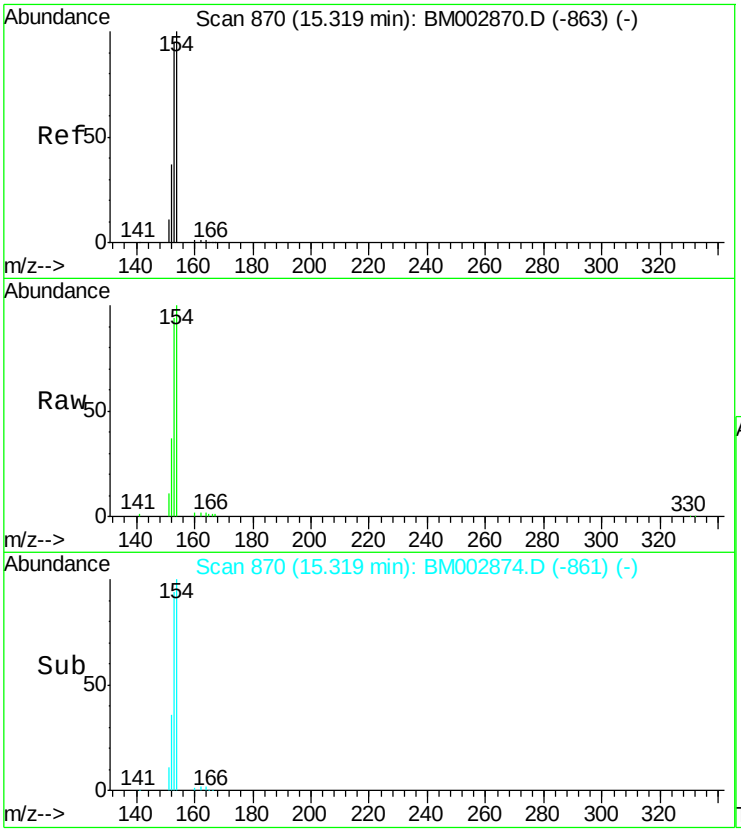


#16
Acenaphthylene
Concen: 0.92 ng
RT: 14.99 min Scan# 855
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Tgt Ion:152 Resp: 45731

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.3	22.9
153	13.2	10.5	15.7



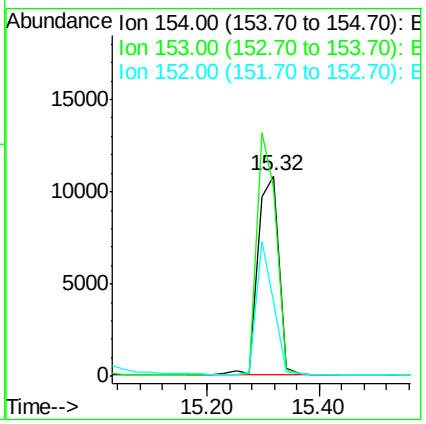


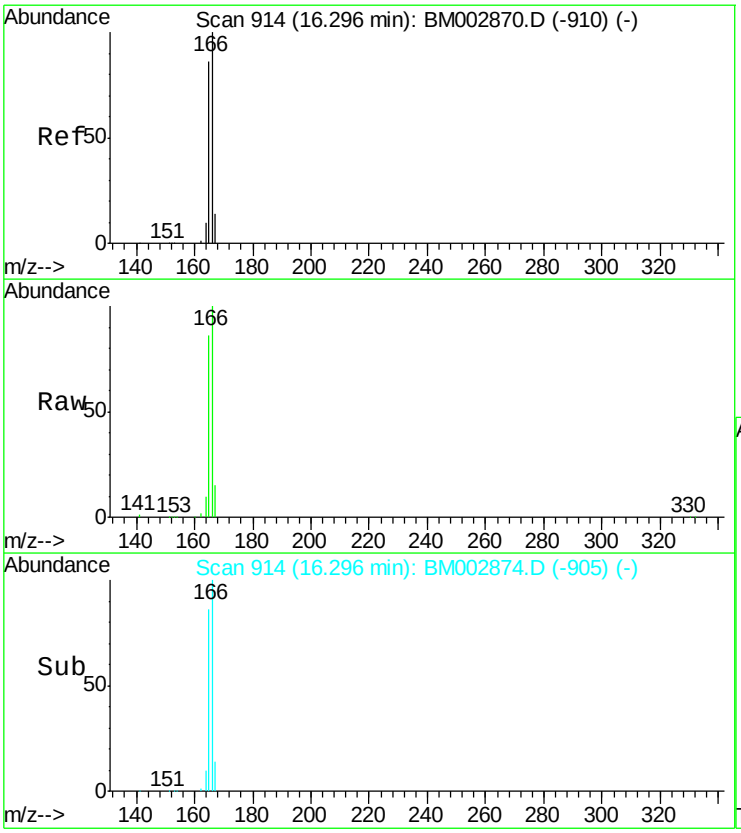
#17
Acenaphthene
Concen: 0.88 ng
RT: 15.32 min Scan# 870
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Instrument :
BNA_M
ClientSampleId :
ICVBM100815

Tgt Ion:154 Resp: 28471

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

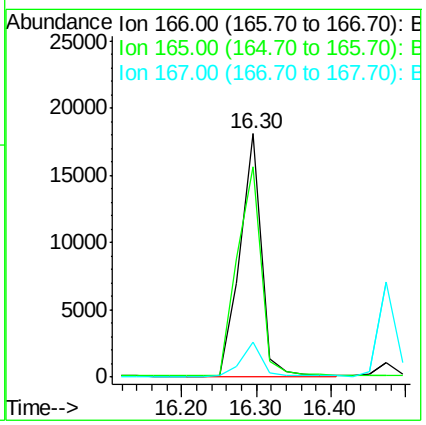


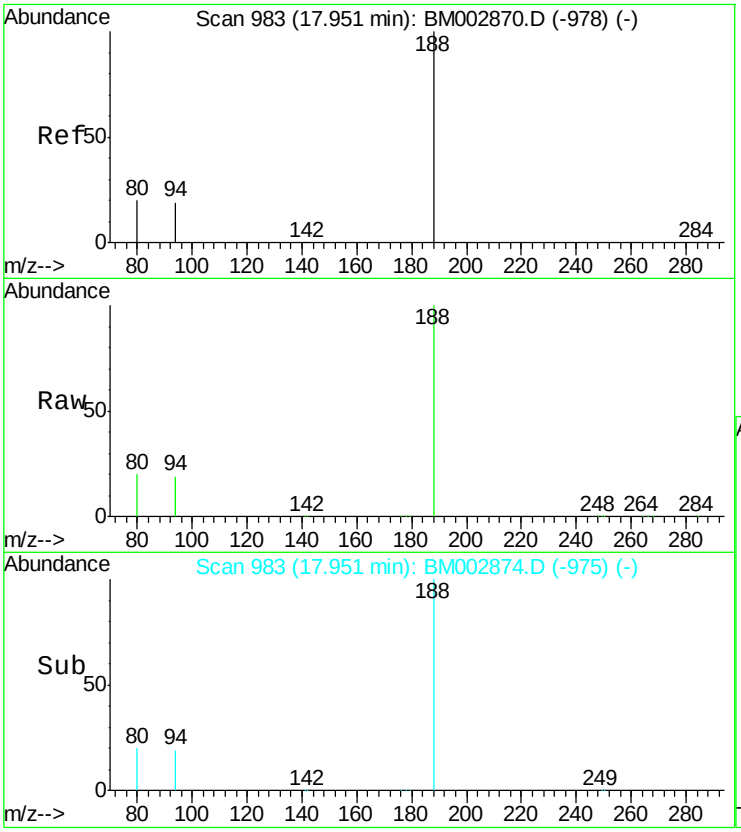


#18
Fluorene
Concen: 0.91 ng
RT: 16.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Tgt Ion:166 Resp: 35703

Ion	Ratio	Lower	Upper
166	100		
165	96.3	77.3	115.9
167	13.6	10.9	16.3



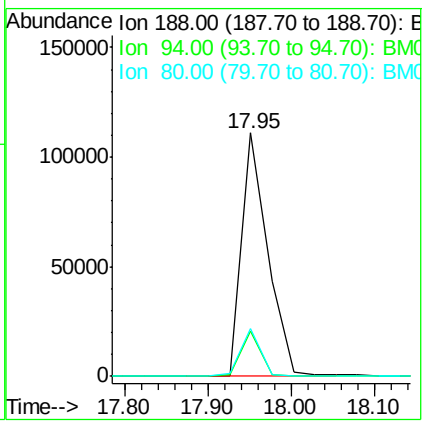


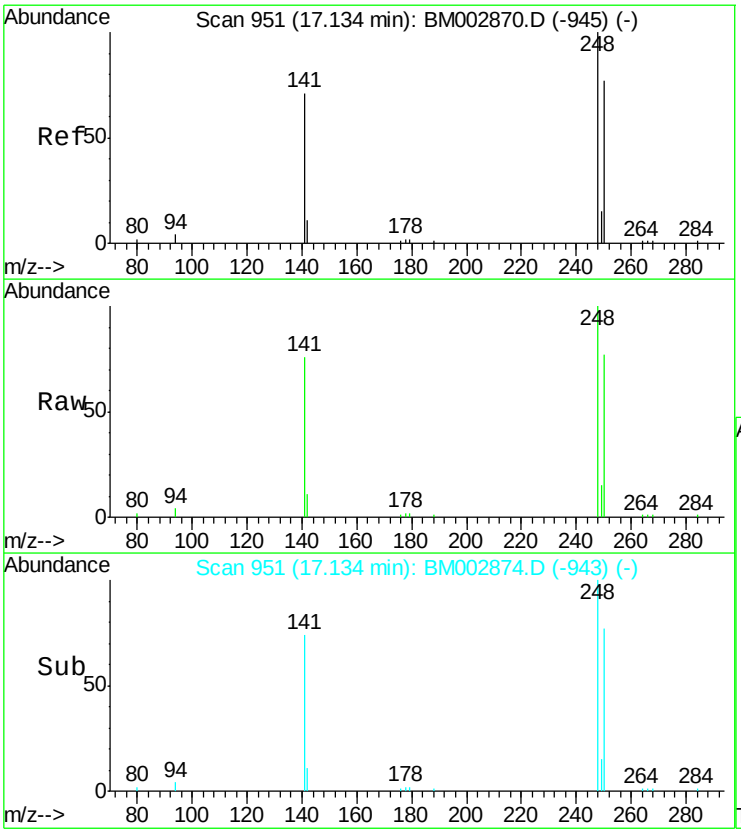
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.95 min Scan# 983
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Instrument :
BNA_M
ClientSampleId :
ICVBM100815

Tgt Ion:188 Resp: 242297

Ion	Ratio	Lower	Upper
188	100		
94	18.8	15.2	22.8
80	19.6	15.9	23.9

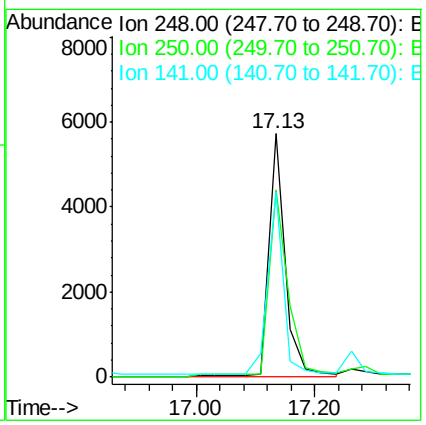


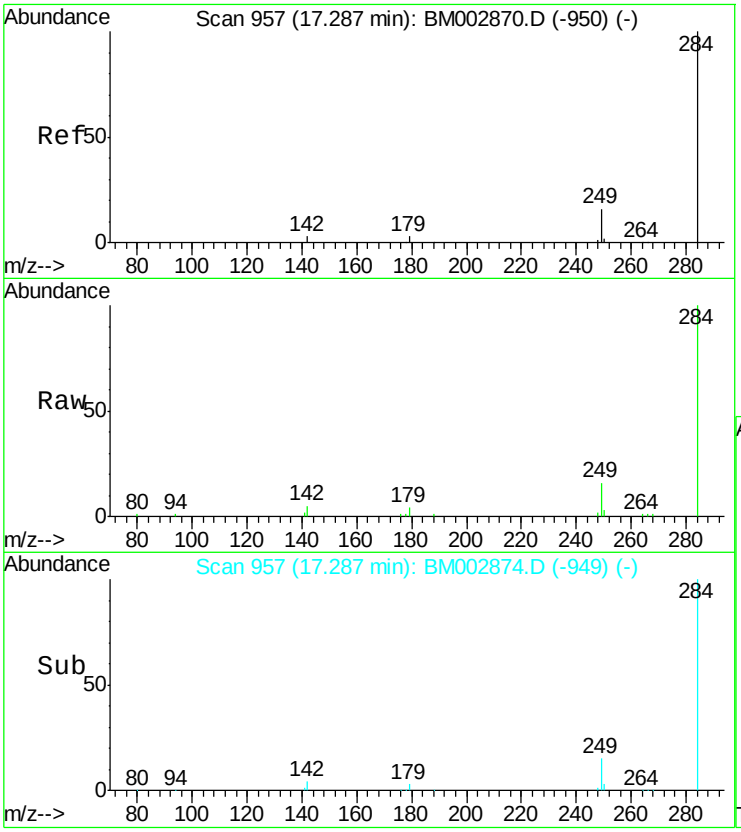


#20
4-Bromophenyl-phenylether
Concen: 0.98 ng
RT: 17.13 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Tgt Ion:248 Resp: 11366

Ion	Ratio	Lower	Upper
248	100		
250	90.9	71.4	107.2
141	70.0	54.6	82.0



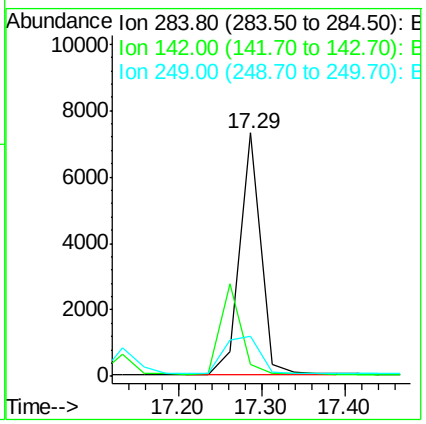


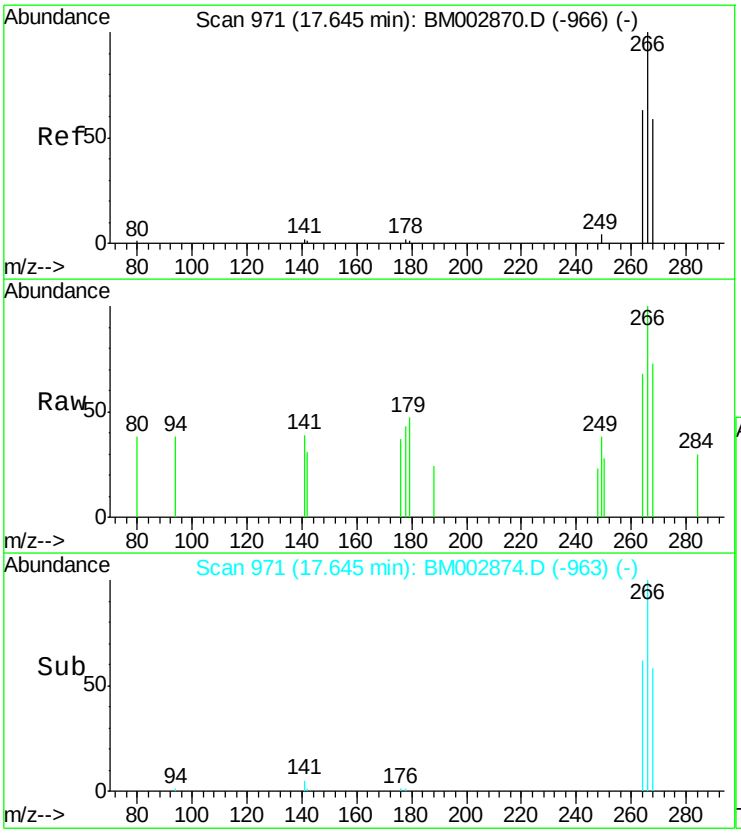
#21
Hexachlorobenzene
Concen: 0.90 ng
RT: 17.29 min Scan# 957
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Instrument :
BNA_M
ClientSampleId :
ICVBM100815

Tgt Ion:284 Resp: 12787

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	26.1	20.7	31.1

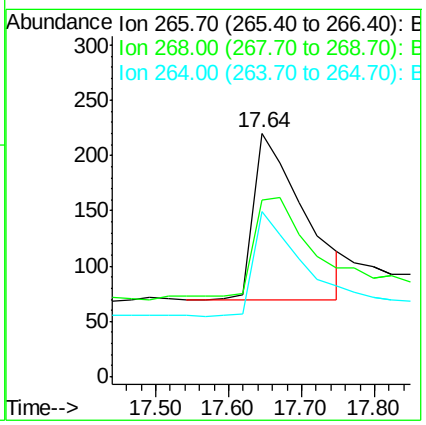


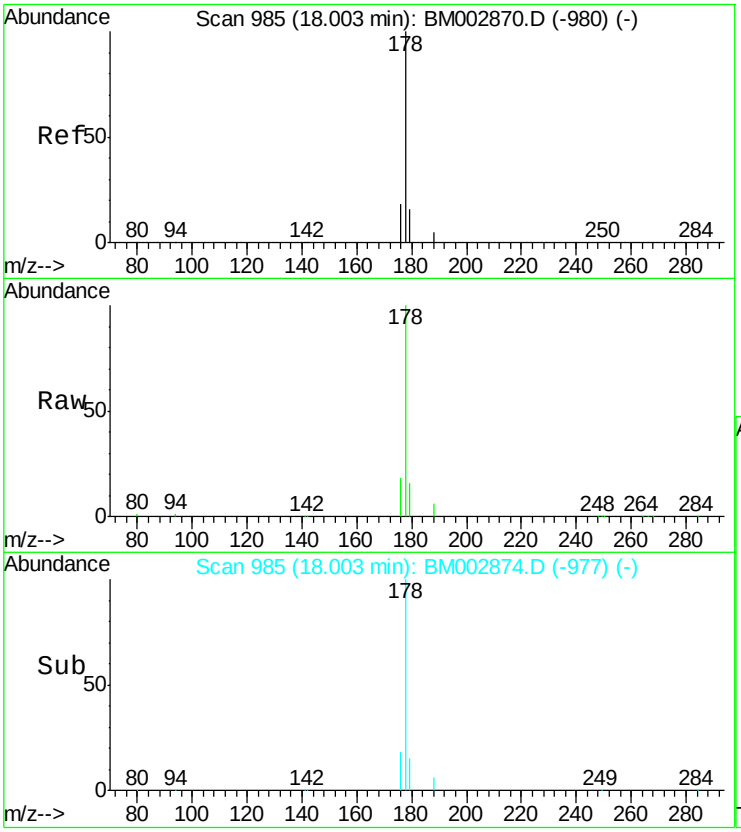


#22
Pentachlorophenol
Concen: 0.74 ng
RT: 17.64 min Scan# 971
Delta R.T. 0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Tgt Ion:266 Resp: 727

Ion	Ratio	Lower	Upper
266	100		
268	72.7	58.3	87.5
264	67.7	54.2	81.2



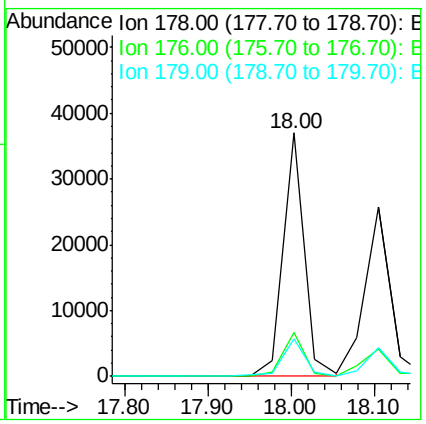


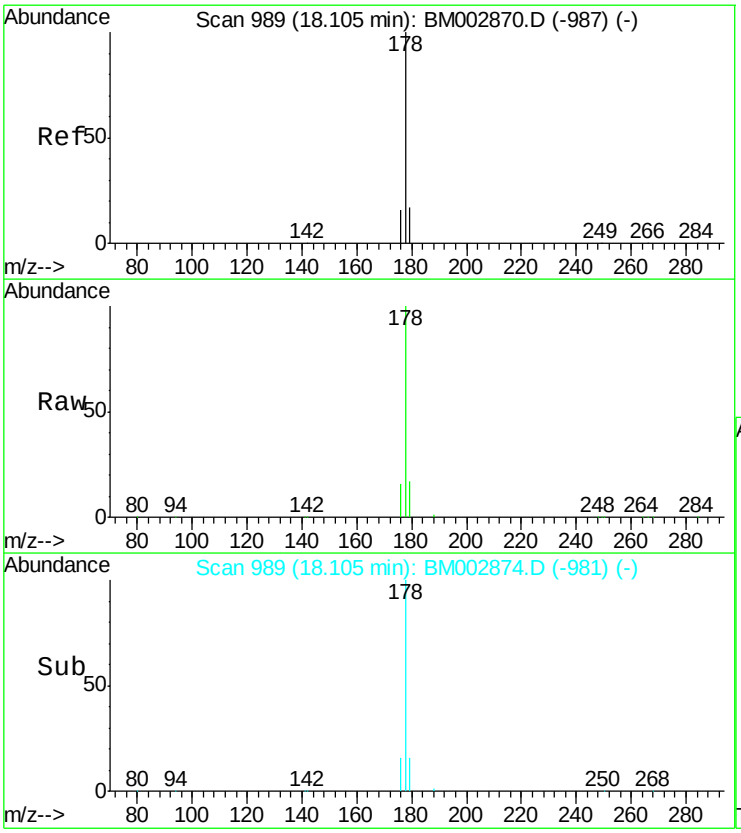
#23
Phenanthrene
Concen: 0.91 ng
RT: 18.00 min Scan# 985
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Instrument :
BNA_M
ClientSampleId :
ICVBM100815

Tgt Ion:178 Resp: 64603

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.5	12.5	18.7

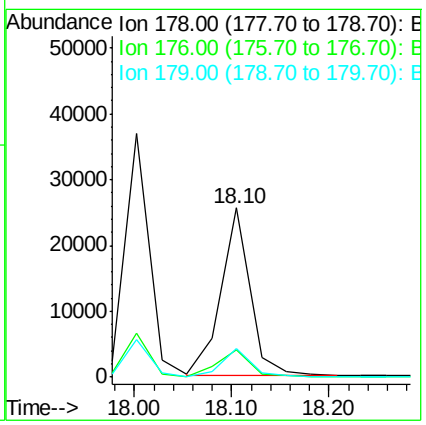


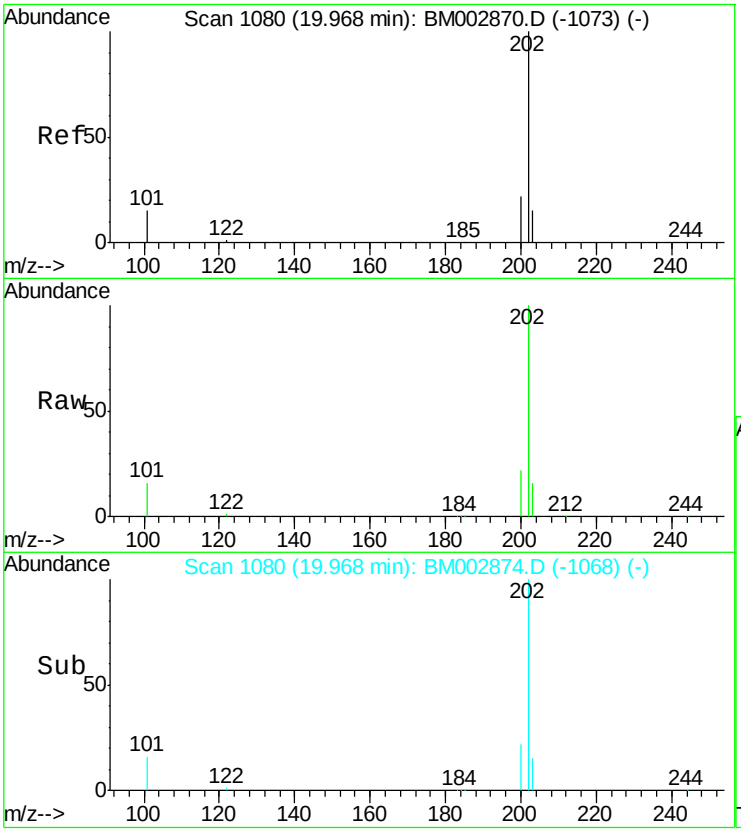


#24
Anthracene
Concen: 0.89 ng
RT: 18.10 min Scan# 989
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Tgt Ion:178 Resp: 53183

Ion	Ratio	Lower	Upper
178	100		
176	17.5	13.9	20.9
179	15.4	12.6	18.8



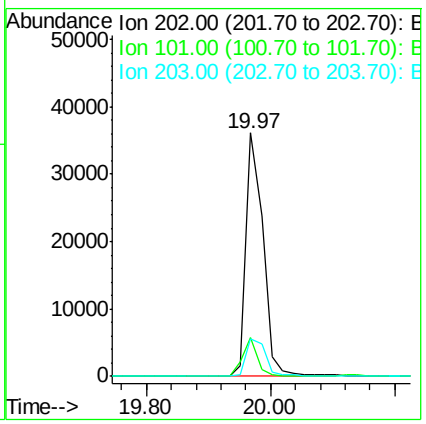


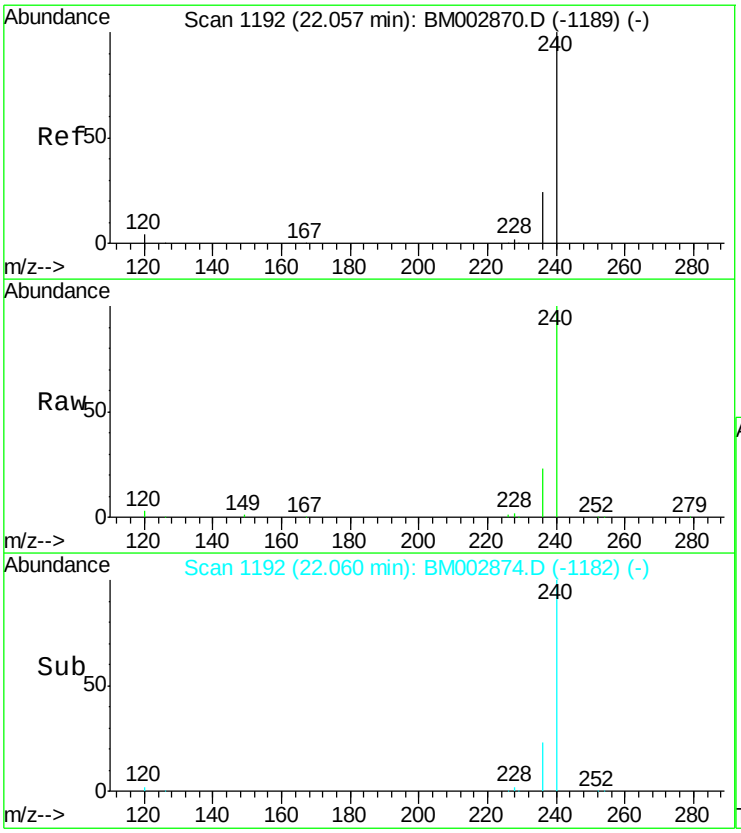
#25
Fluoranthene
Concen: 0.86 ng
RT: 19.97 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Instrument :
BNA_M
ClientSampleId :
ICVBM100815

Tgt Ion:202 Resp: 67913

Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.0	16.6
203	17.3	13.8	20.6

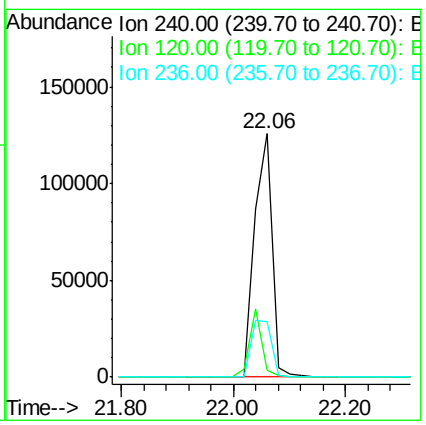


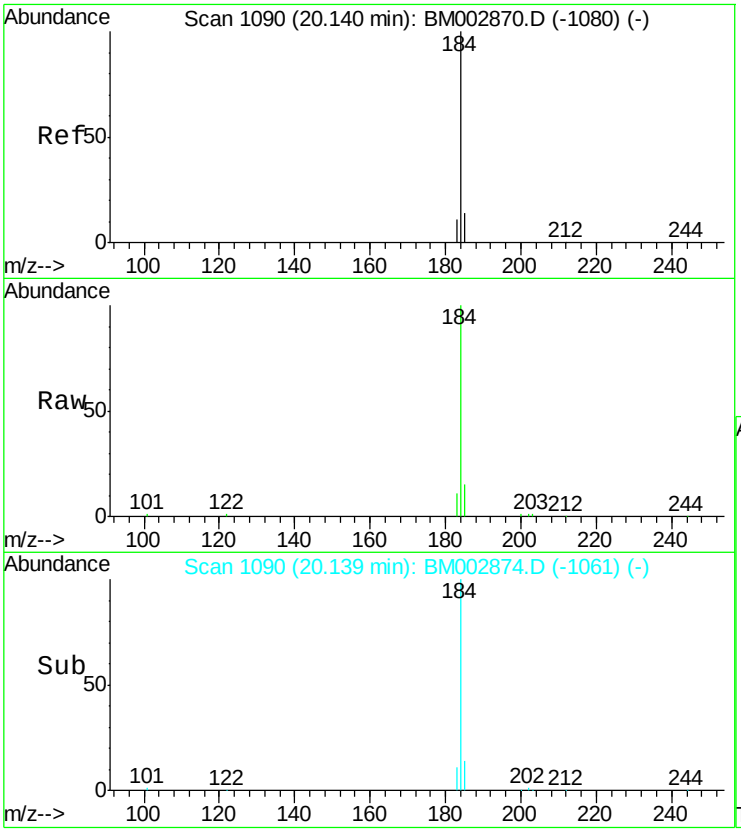


#26
Chrysene-d12
Concen: 5.00 ng
RT: 22.06 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Tgt Ion:240 Resp: 271329

Ion	Ratio	Lower	Upper
240	100		
120	2.6	3.3	4.9#
236	22.8	19.5	29.3



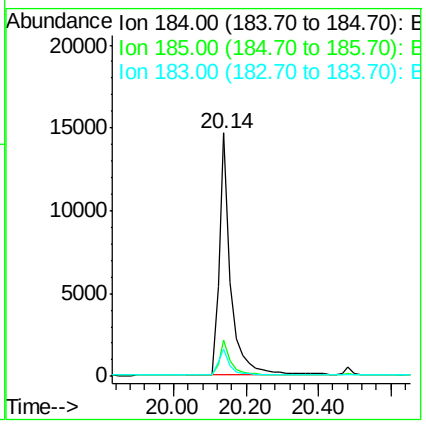


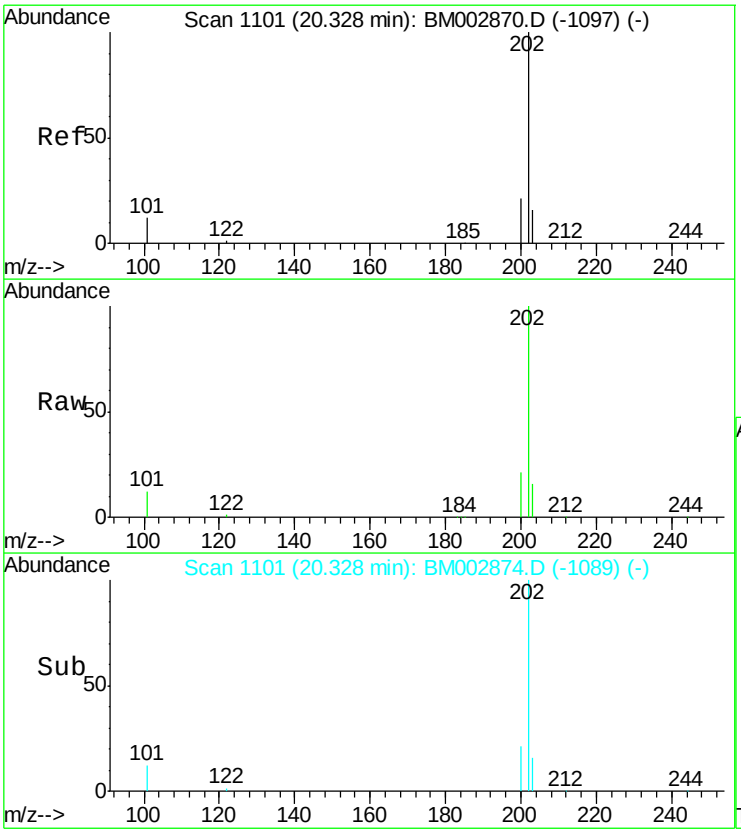
#27
Benzidine
Concen: 0.92 ng
RT: 20.14 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Instrument :
BNA_M
ClientSampleId :
ICVBM100815

Tgt Ion:184 Resp: 32932

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.0	18.0
183	11.4	8.9	13.3

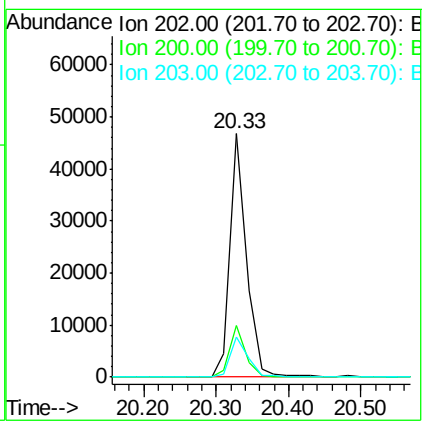


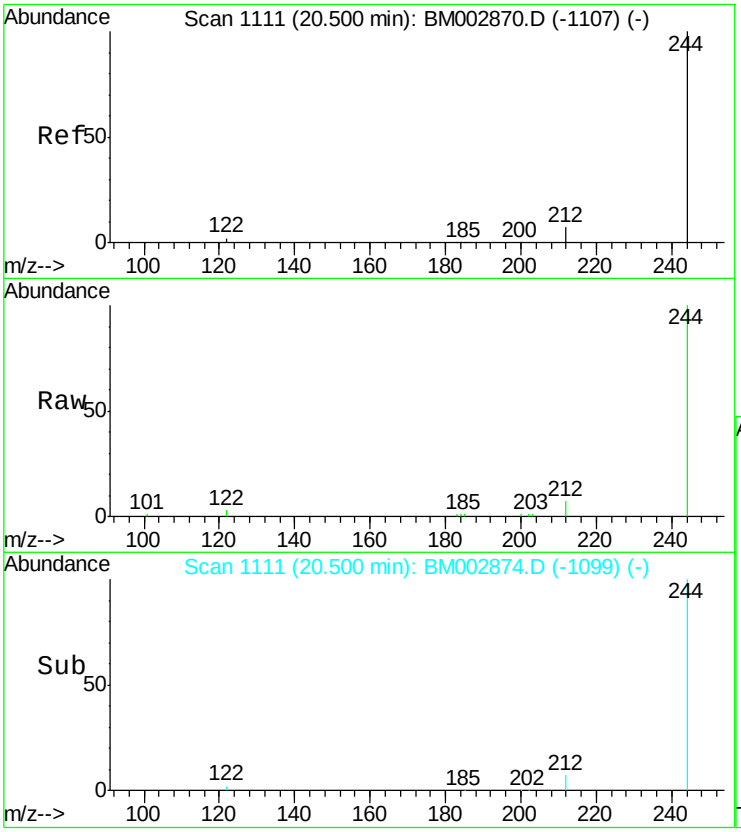


#28
Pyrene
Concen: 0.99 ng
RT: 20.33 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Tgt Ion:202 Resp: 72247

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.2	24.4
203	17.3	13.8	20.8



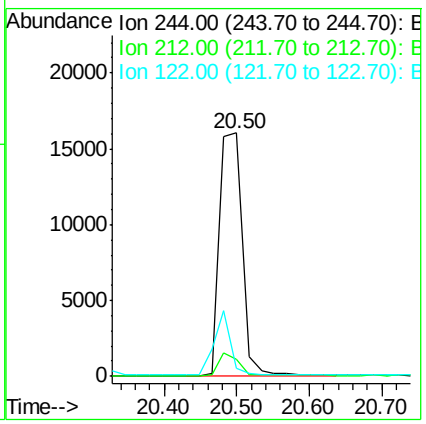


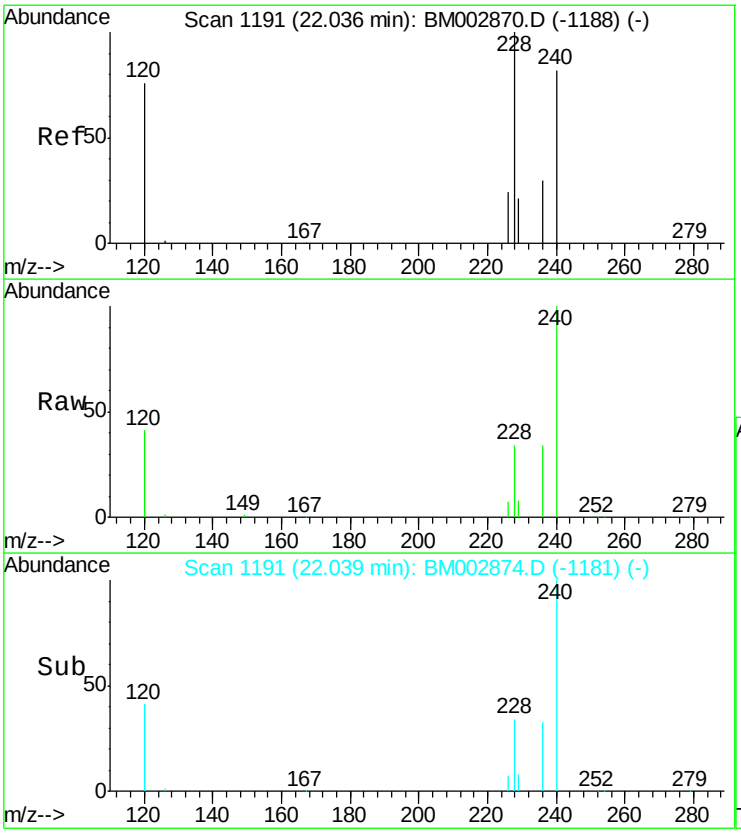
#29
Terphenyl-d14
Concen: 0.96 ng
RT: 20.50 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Instrument :
BNA_M
ClientSampleId :
ICVBM100815

Tgt Ion:244 Resp: 34896

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	3.1	2.2	3.2

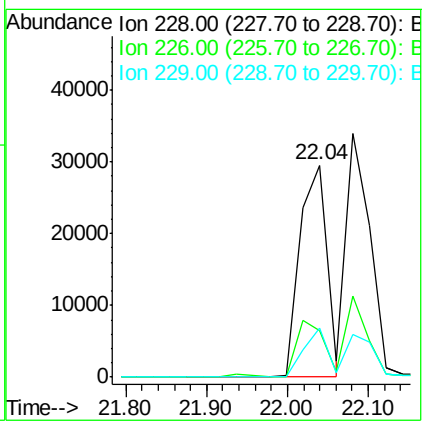


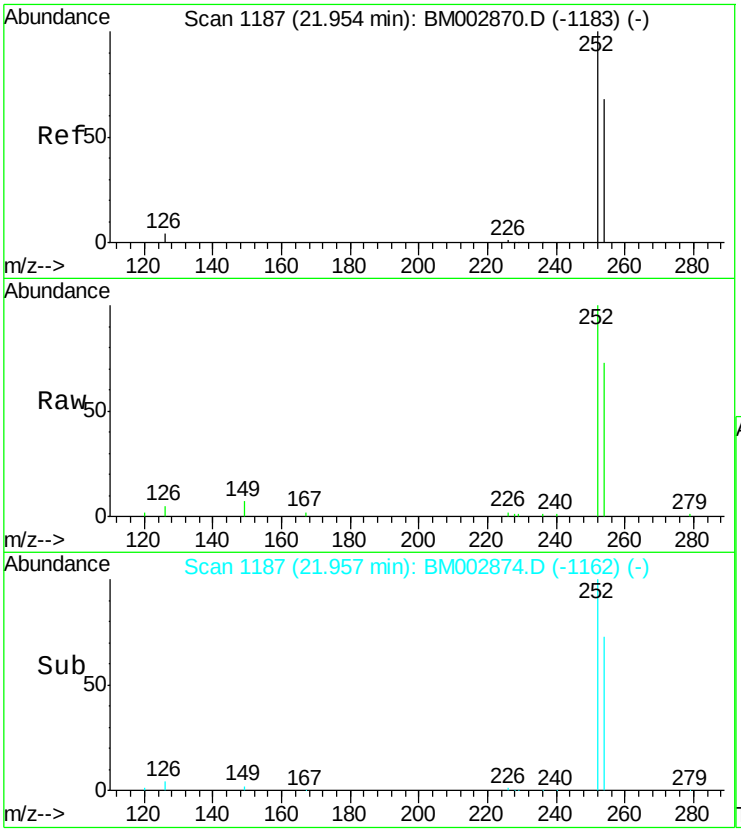


#30
Benzo(a)anthracene
Concen: 0.88 ng
RT: 22.04 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Tgt Ion:228 Resp: 68130

Ion	Ratio	Lower	Upper
228	100		
226	21.8	19.0	28.6
229	22.9	16.8	25.2



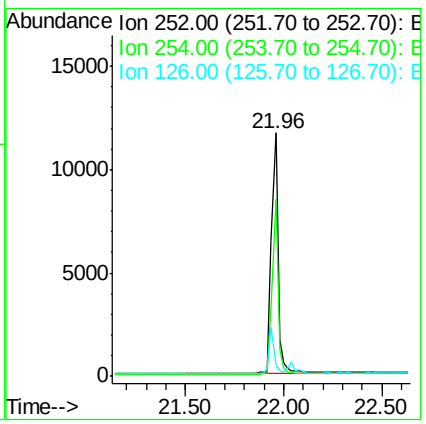


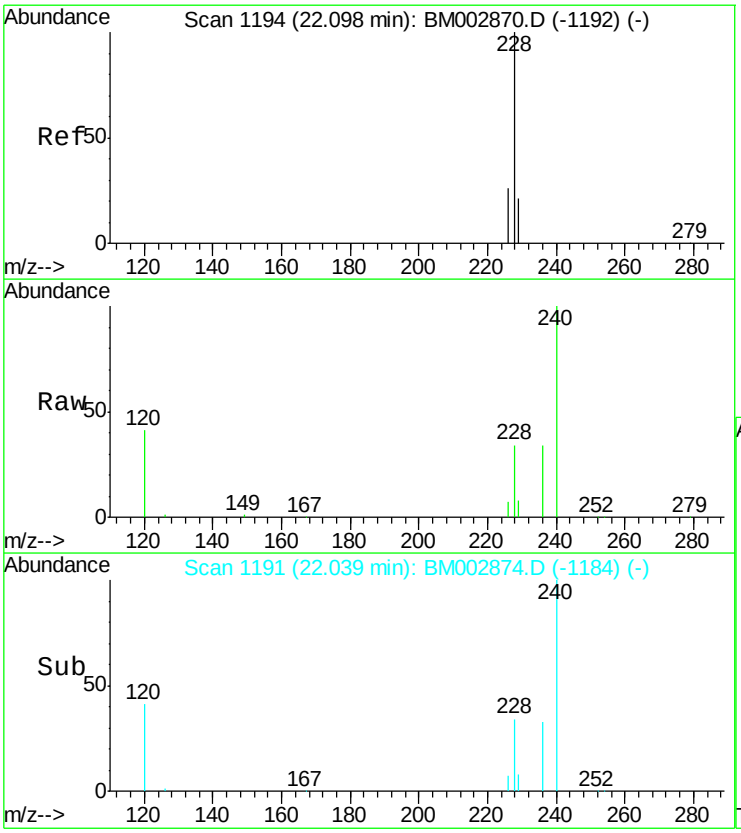
#31
3,3'-Dichlorobenzidine
Concen: 0.90 ng
RT: 21.96 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Instrument :
BNA_M
ClientSampleId :
ICVBM100815

Tgt Ion:252 Resp: 26807

Ion	Ratio	Lower	Upper
252	100		
254	72.8	54.1	81.1
126	4.9	4.1	6.1

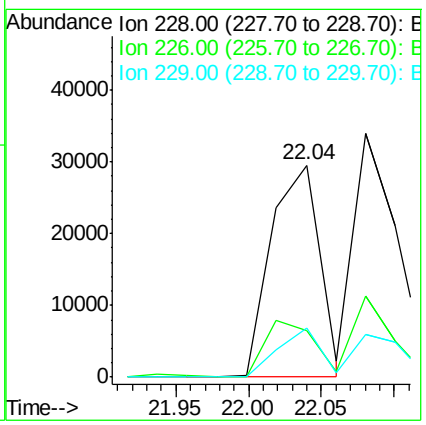


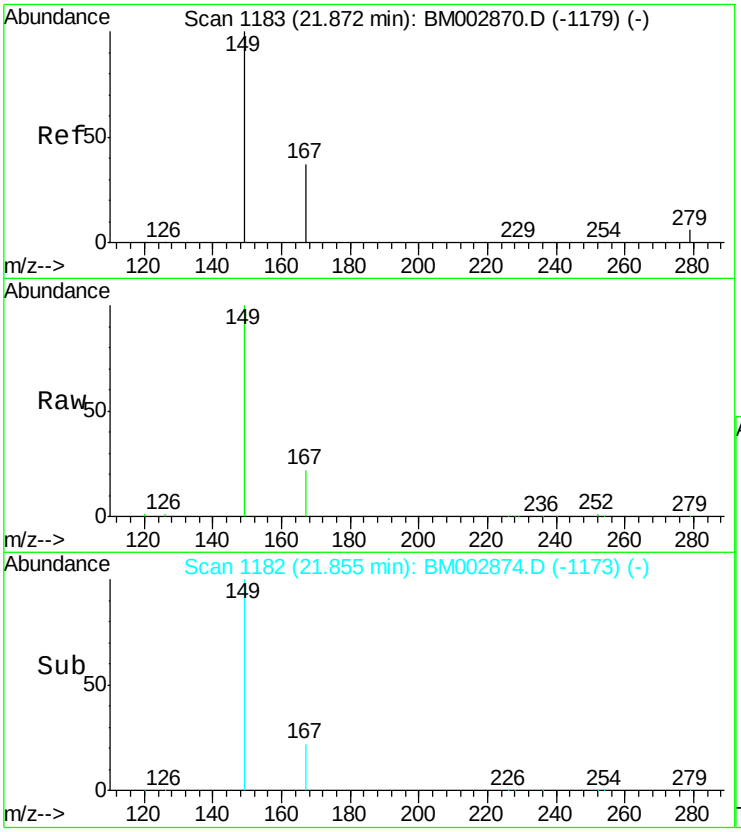


#32
Chrysene
Concen: 0.93 ng
RT: 22.04 min Scan# 1191
Delta R.T. -0.06 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Tgt Ion:228 Resp: 67775

Ion	Ratio	Lower	Upper
228	100		
226	21.8	20.6	30.8
229	22.9	17.4	26.2



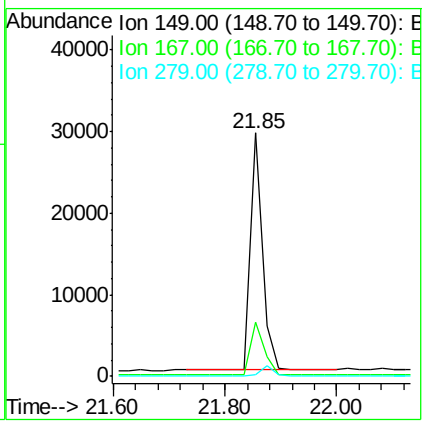


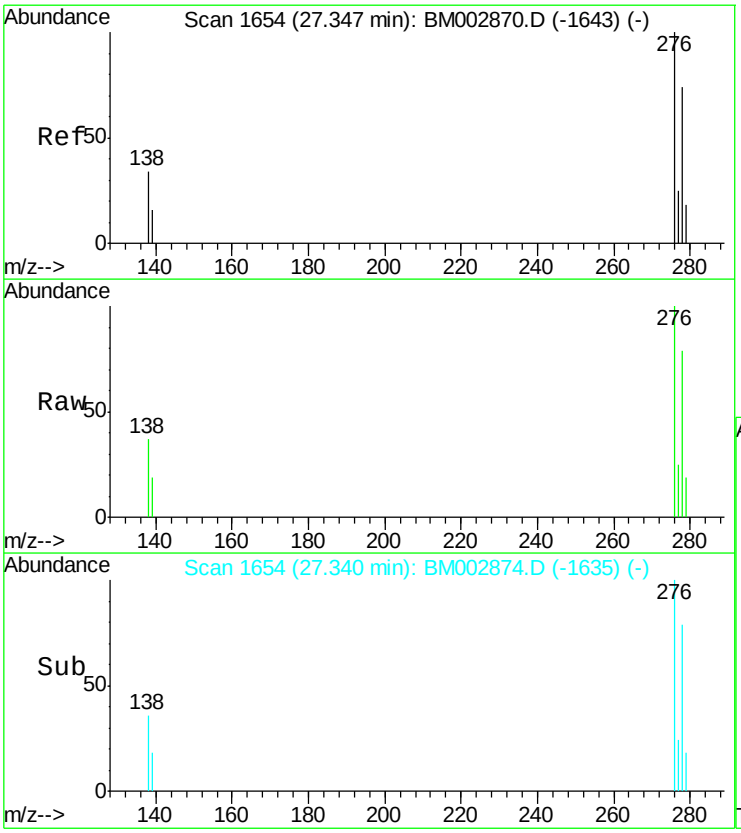
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.92 ng
RT: 21.85 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Instrument :
BNA_M
ClientSampleId :
ICVBM100815

Tgt Ion:149 Resp: 43469

Ion	Ratio	Lower	Upper
149	100		
167	25.1	17.2	25.8
279	0.0	2.2	3.4#

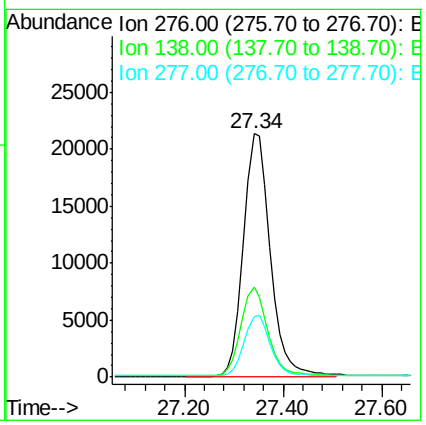


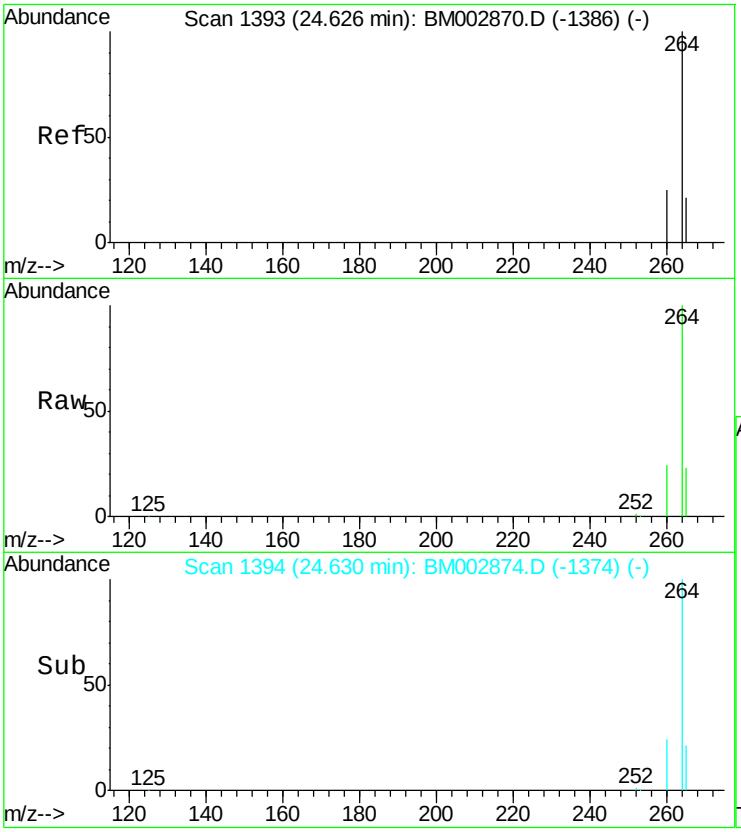


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.90 ng
RT: 27.34 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Tgt Ion:276 Resp: 78240

Ion	Ratio	Lower	Upper
276	100		
138	36.2	29.0	43.6
277	24.8	19.8	29.8



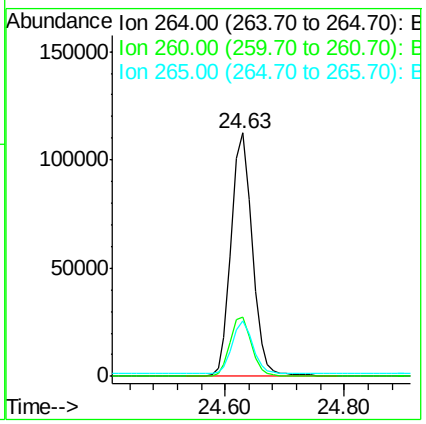


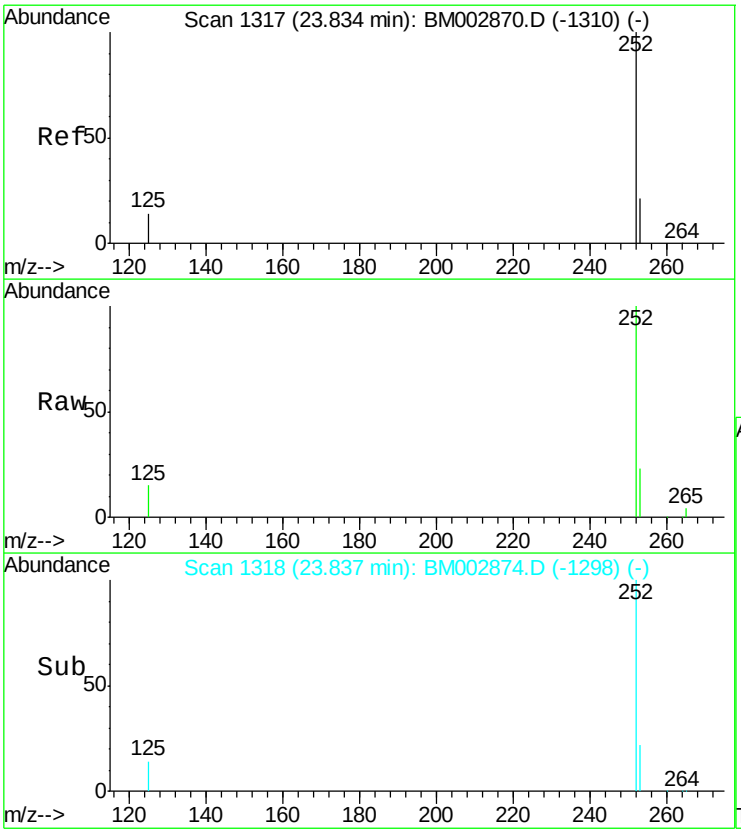
#35
Perylene-d12
Concen: 5.00 ng
RT: 24.63 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Instrument :
BNA_M
ClientSampleId :
ICVBM100815

Tgt Ion:264 Resp: 273958

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.1	30.1
265	22.6	17.6	26.4

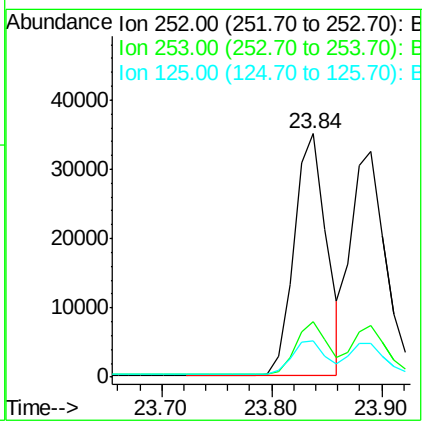


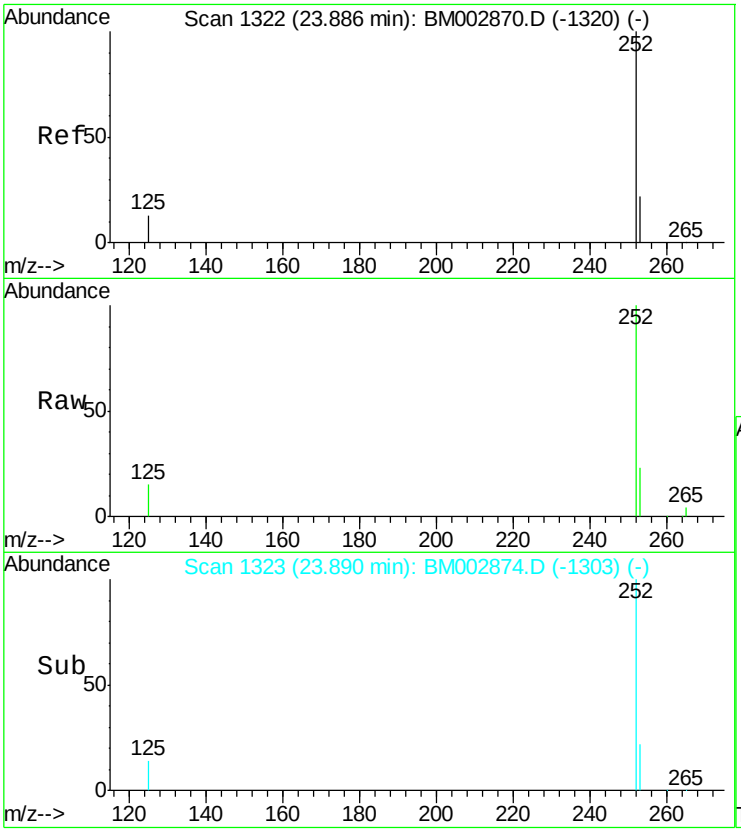


#36
Benzo(b)fluoranthene
Concen: 0.91 ng
RT: 23.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Tgt Ion:252 Resp: 71072

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	14.8	12.4	18.6



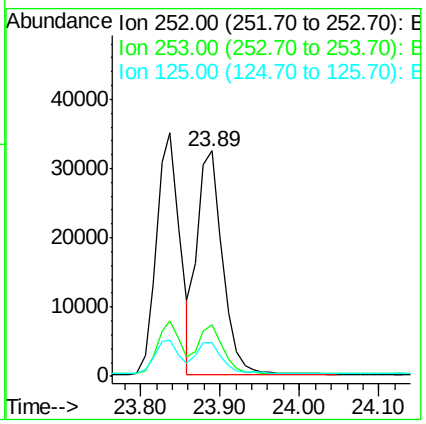


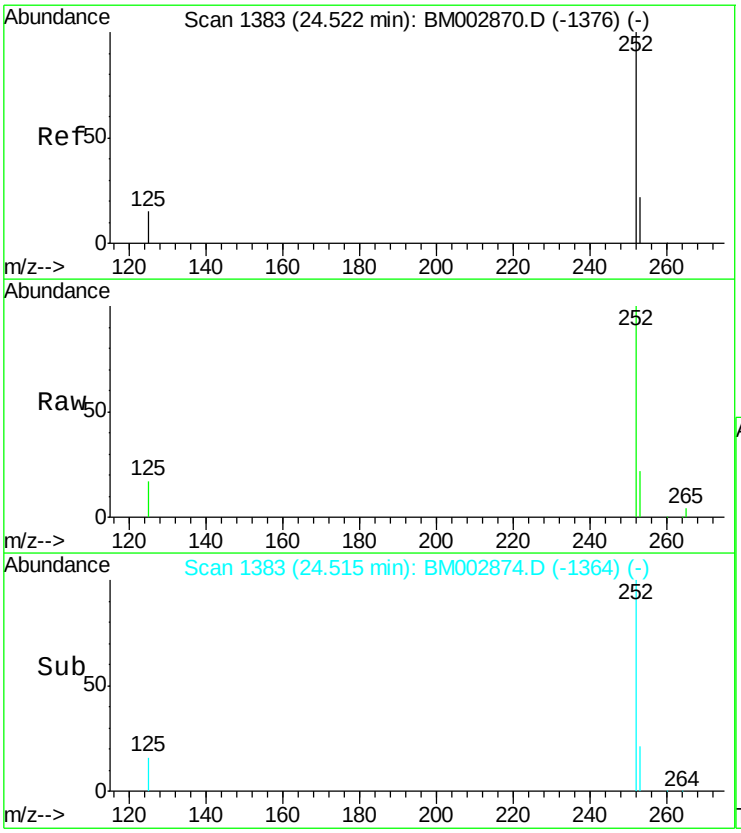
#37
Benzo(k)fluoranthene
Concen: 0.94 ng
RT: 23.89 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Instrument :
BNA_M
ClientSampleId :
ICVBM100815

Tgt Ion:252 Resp: 71385

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	14.9	12.3	18.5

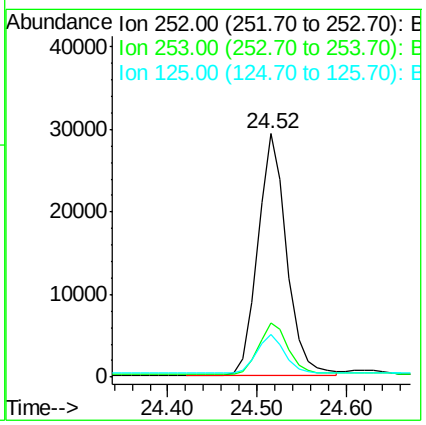


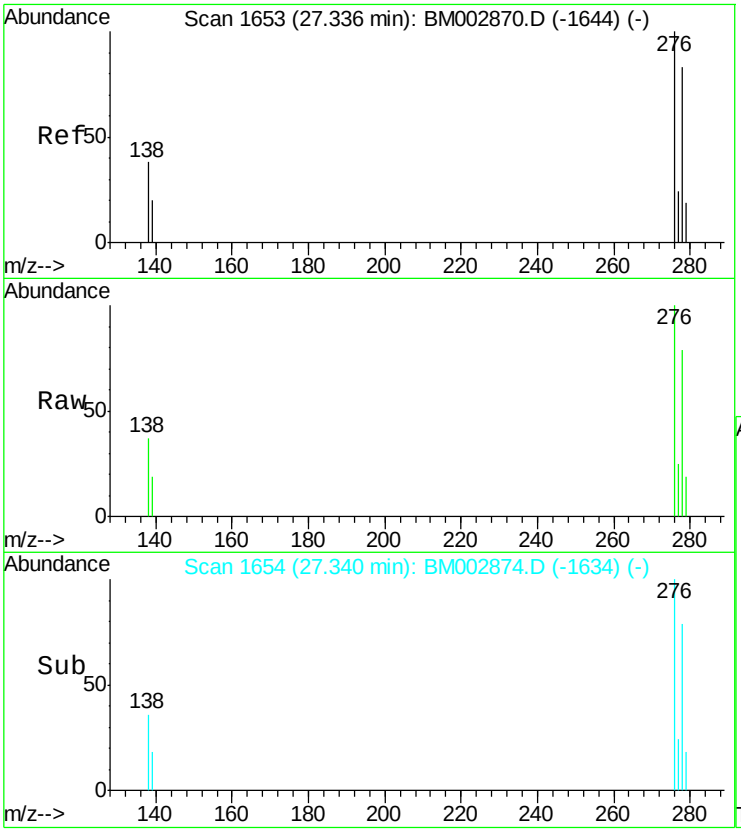


#38
Benzo(a)pyrene
Concen: 0.91 ng
RT: 24.52 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Tgt Ion:252 Resp: 65290

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	17.3	13.3	19.9



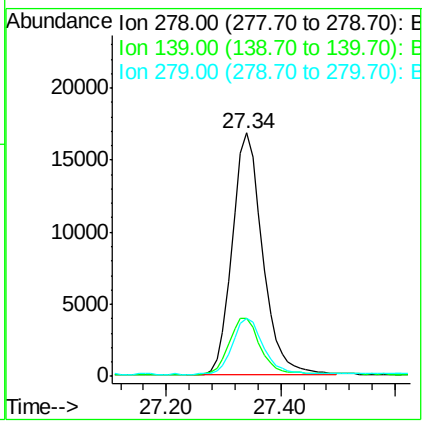


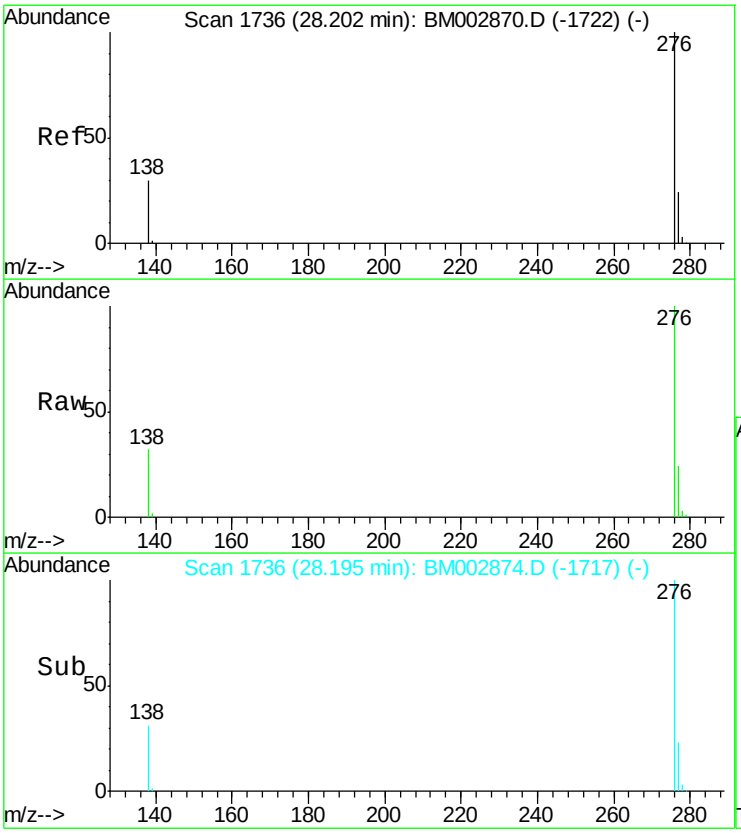
#39
Dibenzo(a,h)anthracene
Concen: 0.89 ng
RT: 27.34 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Instrument :
BNA_M
ClientSampleId :
ICVBM100815

Tgt Ion:278 Resp: 62371

Ion	Ratio	Lower	Upper
278	100		
139	24.1	19.8	29.6
279	23.9	19.1	28.7





#40
Benzo(g,h,i)perylene
Concen: 0.89 ng
RT: 28.19 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Tgt Ion:276 Resp: 64436

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.0
138	31.7	24.4	36.6