Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100815\
Data File : BM002873.D
Acq On : 08 Oct 2015 20:58
Operator : UM/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC010

Quant Time: Oct 09 00:58:43 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	45917	5.00	ng		-0.02
7) Naphthalene-d8	11.51	136	196644	5.00	ng		-0.01
13) Acenaphthene-d10	15.25	164	109161	5.00	ng		0.00
19) Phenanthrene-d10	17.97	188	197214	5.00	ng		0.02
26) Chrysene-d12	22.05	240	270271	5.00	ng		0.00
35) Perylene-d12	24.62	264	275508	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	6.13	112	96500	10.03	ng		-0.02
5) Phenol-d6	7.79	99	130197	10.93	ng		-0.02
8) Nitrobenzene-d5	9.86	82	107743	10.20	ng		-0.02
14) 2,4,6-Tribromophenol	16.71	330	40776	11.53	ng		-0.03
15) 2-Fluorobiphenyl	13.88	172	315200	10.42	ng		-0.01
29) Terphenyl-d14	20.49	244	347739	9.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	38409	4.92	ng		98
3) n-Nitrosodimethylamine	4.14	42	40079	5.26	ng	#	98
6) bis(2-Chloroethyl)ether	8.04	93	109935	8.05	ng		97
9) Nitrobenzene	9.90	77	116930	10.29	ng		97
10) Naphthalene	11.56	128	415563	9.77	ng		98
11) Hexachlorobutadiene	11.82	225	65047	9.28	ng		100
12) 2-Methylnaphthalene	13.12	142	288575	11.29	ng		95
16) Acenaphthylene	14.98	152	469299	2.81	ng		100
17) Acenaphthene	15.32	154	268988	9.19	ng	#	100
18) Fluorene	16.29	166	344115	9.49	ng	#	14
20) 4-Bromophenyl-phenylether	17.13	248	101855	13.02	ng		92
21) Hexachlorobenzene	17.28	284	132780	3.78	ng	#	96
22) Pentachlorophenol	17.64	266	19876	7.50	ng		92
23) Phenanthrene	18.00	178	640206	12.49	ng		99
24) Anthracene	18.10	178	526520	11.59	ng		100
25) Fluoranthene	19.96	202	687338	11.32	ng		100
27) Benzidine	20.12	184	439743	45.54	ng	#	94
28) Pyrene	20.32	202	718713	10.11	ng		100
30) Benzo(a)anthracene	22.03	228	715970	10.94	ng		99
31) 3,3'-Dichlorobenzidine	21.95	252	296393	22.03	ng	#	90
32) Chrysene	22.03	228	715970	8.75	ng		97
33) Bis(2-ethylhexyl)phthalate	21.87	149	443947	14.65	ng	#	85
34) Indeno(1,2,3-cd)pyrene	27.32	276	895322	12.97	ng		100
36) Benzo(b)fluoranthene	23.83	252	763366	11.94	ng		98
37) Benzo(k)fluoranthene	23.88	252	738220	8.89	ng		98
38) Benzo(a)pyrene	24.51	252	718422	12.17	ng		98
39) Dibenzo(a,h)anthracene	27.32	278	719546	12.33	ng		99
40) Benzo(g,h,i)perylene	28.18	276	731200	11.66	ng		99

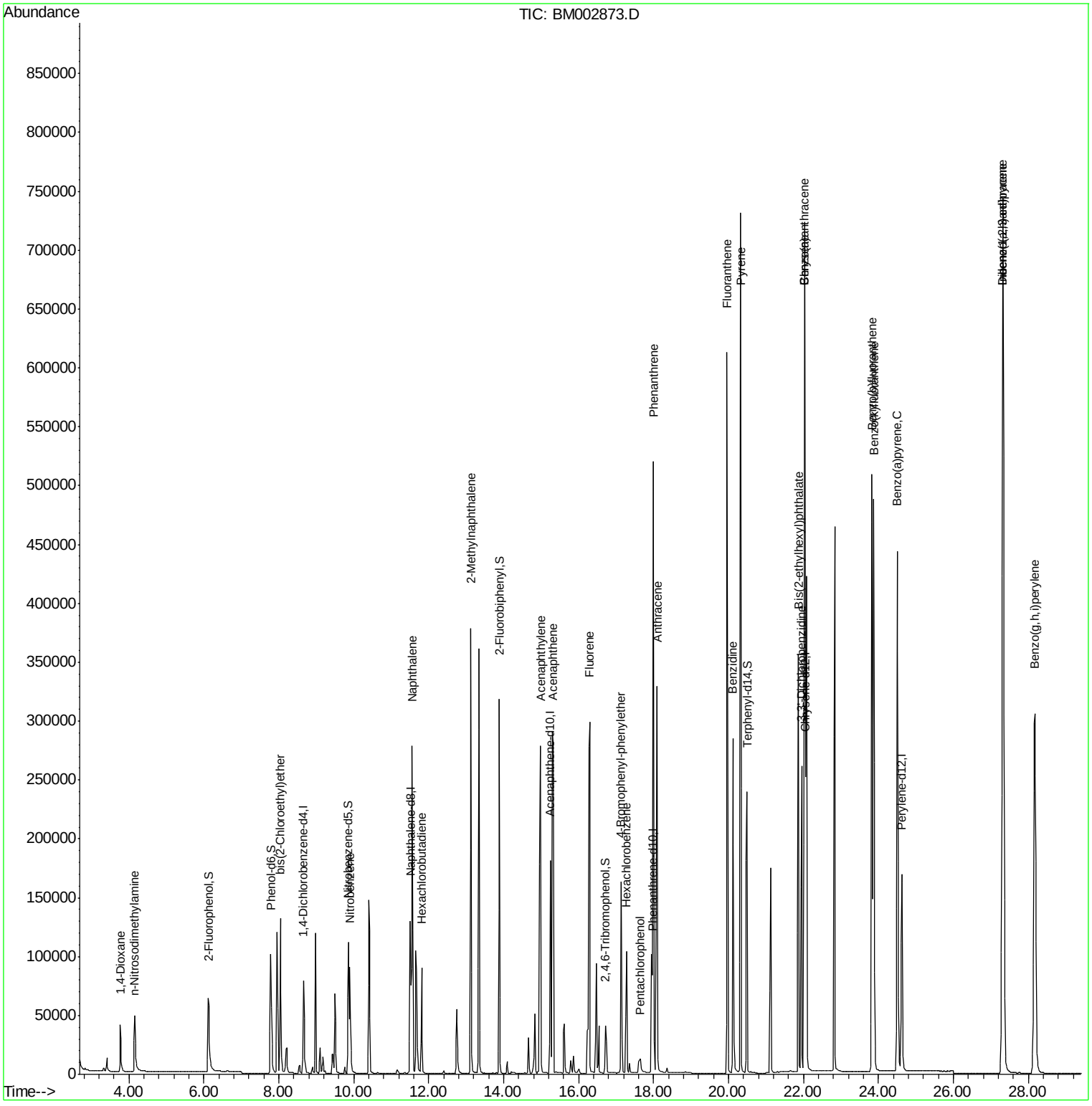
(#) = qualifier out of range (m) = manual integration (+) = signals summed

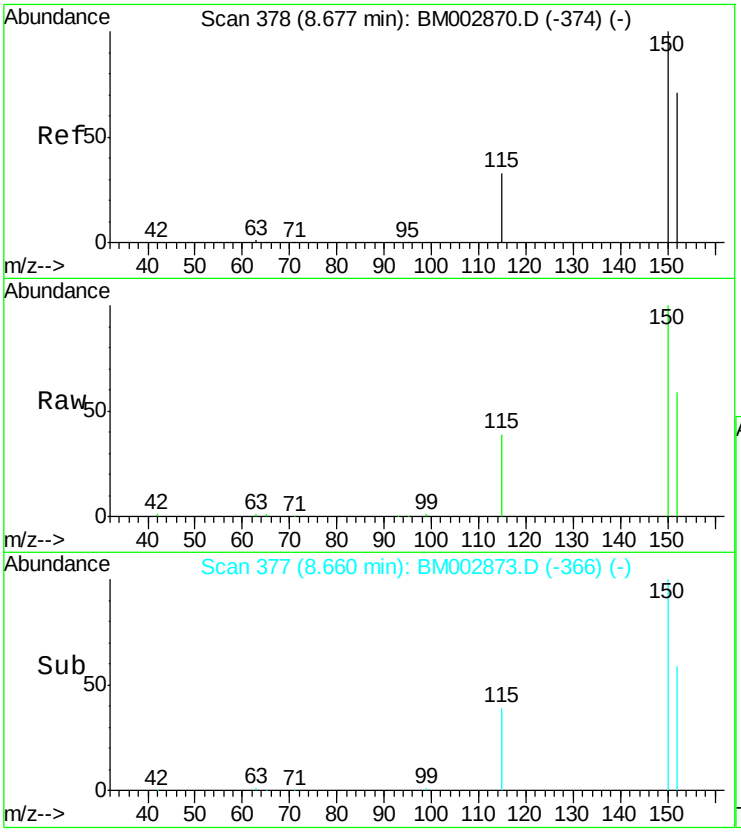
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100815\
Data File : BM002873.D
Acq On : 08 Oct 2015 20:58
Operator : UM/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Quant Time: Oct 09 00:58:43 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



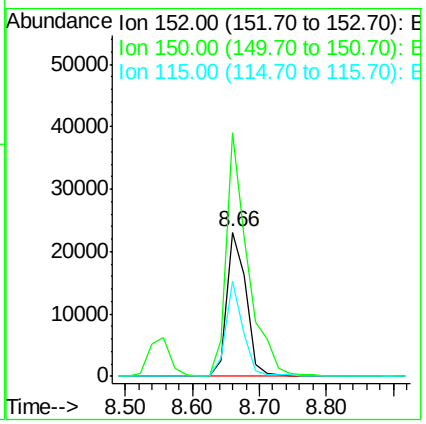


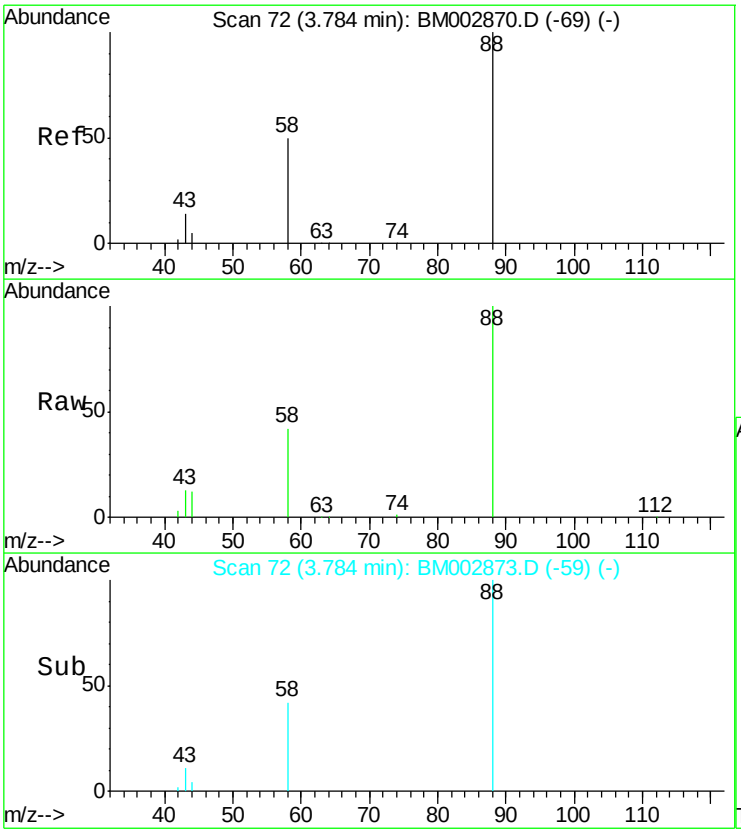
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.66 min Scan# 377
Delta R.T. -0.02 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 45917

Ion	Ratio	Lower	Upper
152	100		
150	169.2	113.0	169.6
115	66.3	37.9	56.9#

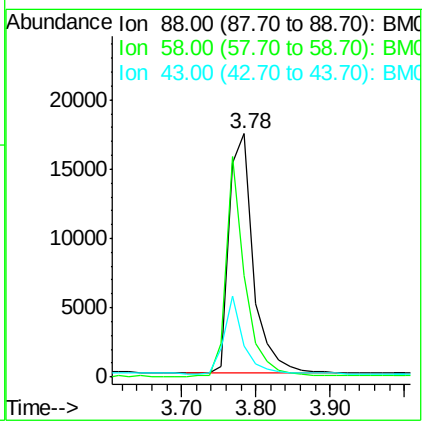


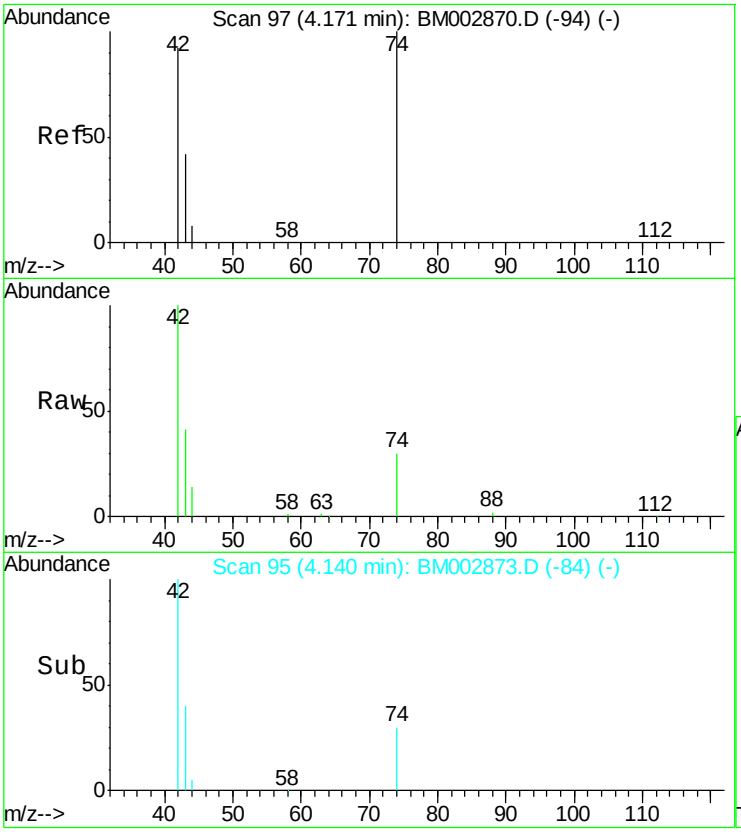


#2
1,4-Dioxane
Concen: 4.92 ng
RT: 3.78 min Scan# 72
Delta R.T. 0.00 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Tgt Ion: 88 Resp: 38409

Ion	Ratio	Lower	Upper
88	100		
58	72.1	56.7	85.1
43	25.6	22.0	33.0



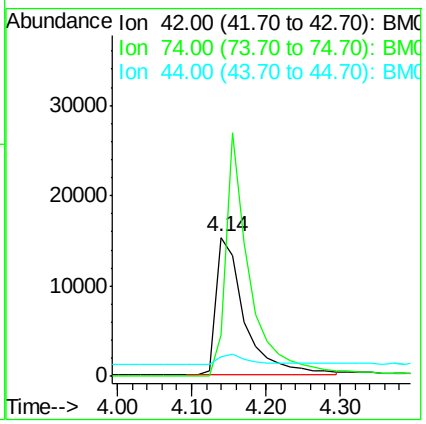


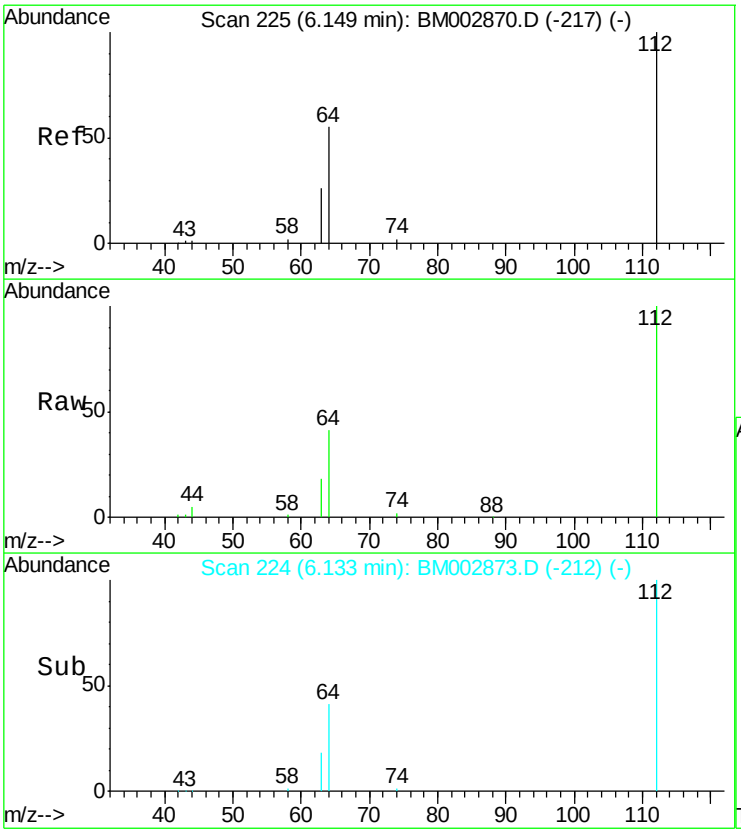
#3
n-Nitrosodimethylamine
Concen: 5.26 ng
RT: 4.14 min Scan# 95
Delta R.T. -0.03 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 42 Resp: 40079

Ion	Ratio	Lower	Upper
42	100		
74	148.4	119.7	179.5
44	7.6	9.8	14.6#

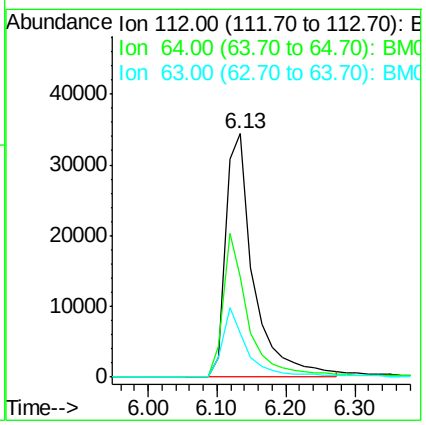


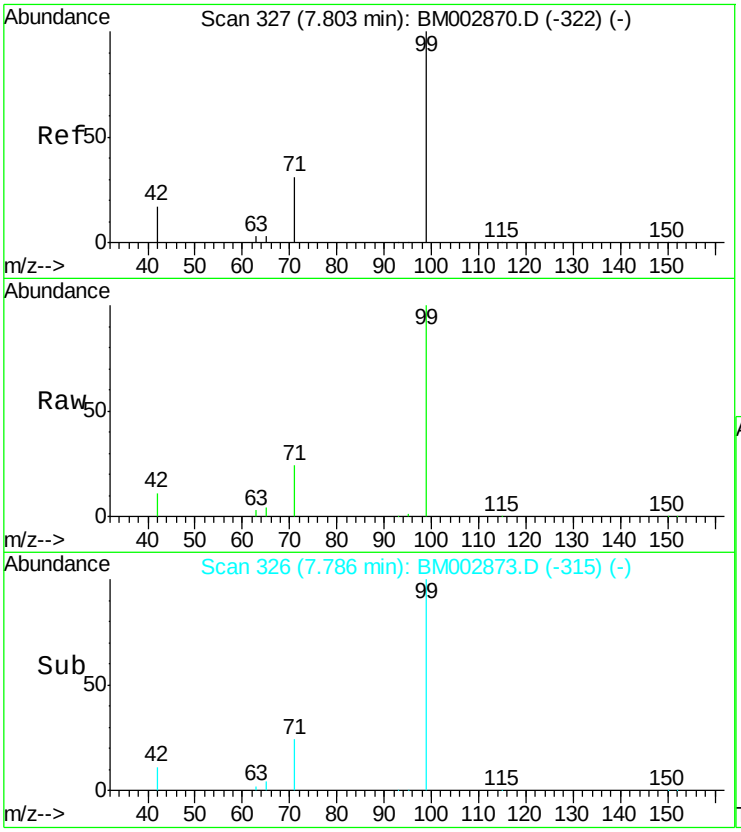


#4
2-Fluorophenol
Concen: 10.03 ng
RT: 6.13 min Scan# 224
Delta R.T. -0.02 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Tgt Ion:112 Resp: 96500

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



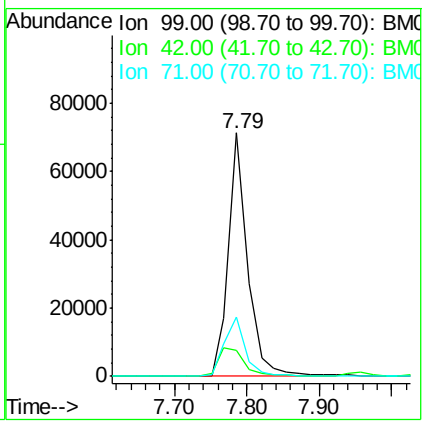


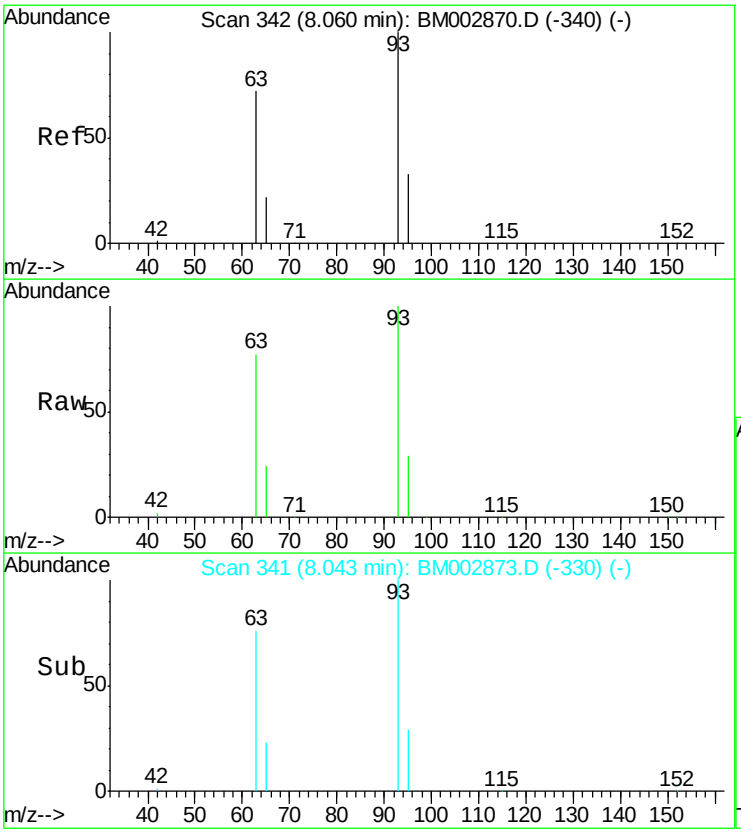
#5
Phenol-d6
Concen: 10.93 ng
RT: 7.79 min Scan# 326
Delta R.T. -0.02 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 130197

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.4	18.6
71	26.4	21.4	32.0

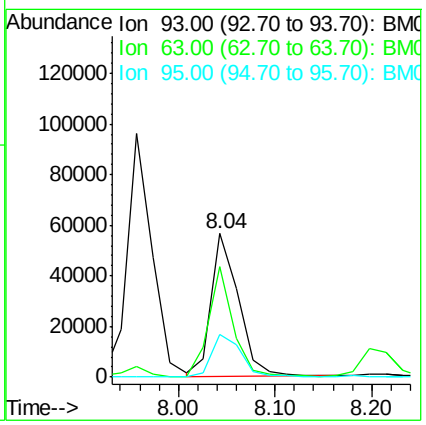


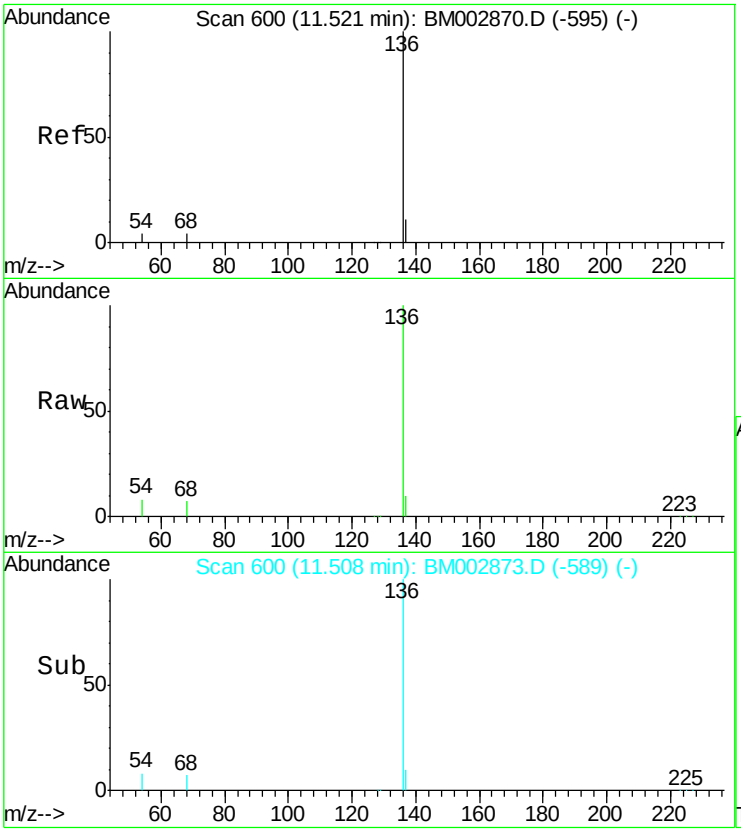


#6
bis(2-Chloroethyl)ether
Concen: 8.05 ng
RT: 8.04 min Scan# 341
Delta R.T. -0.02 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Tgt Ion: 93 Resp: 109935

Ion	Ratio	Lower	Upper
93	100		
63	69.2	52.9	79.3
95	31.9	25.2	37.8



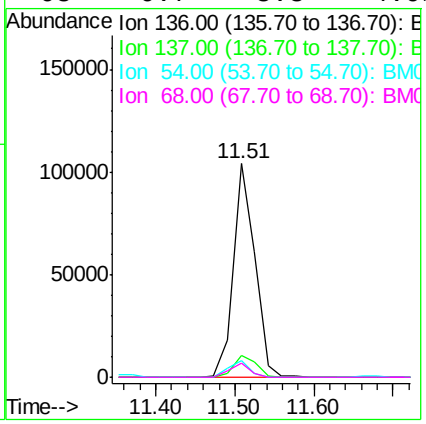


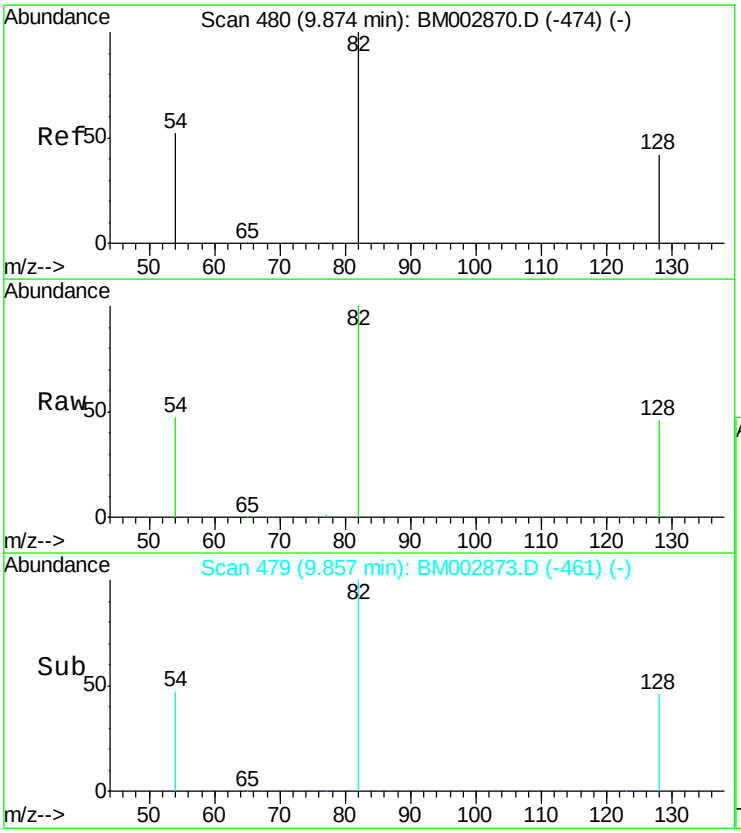
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 11.51 min Scan# 600
Delta R.T. -0.01 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 196644

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	7.8	3.5	5.3#
68	6.7	3.3	4.9#

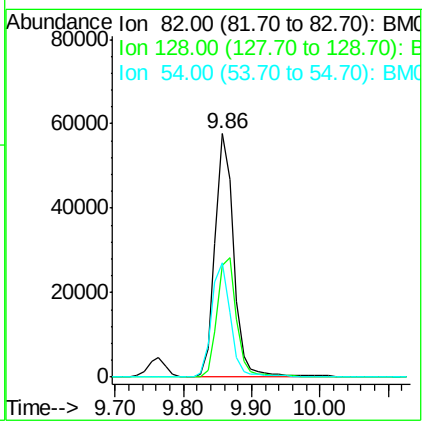


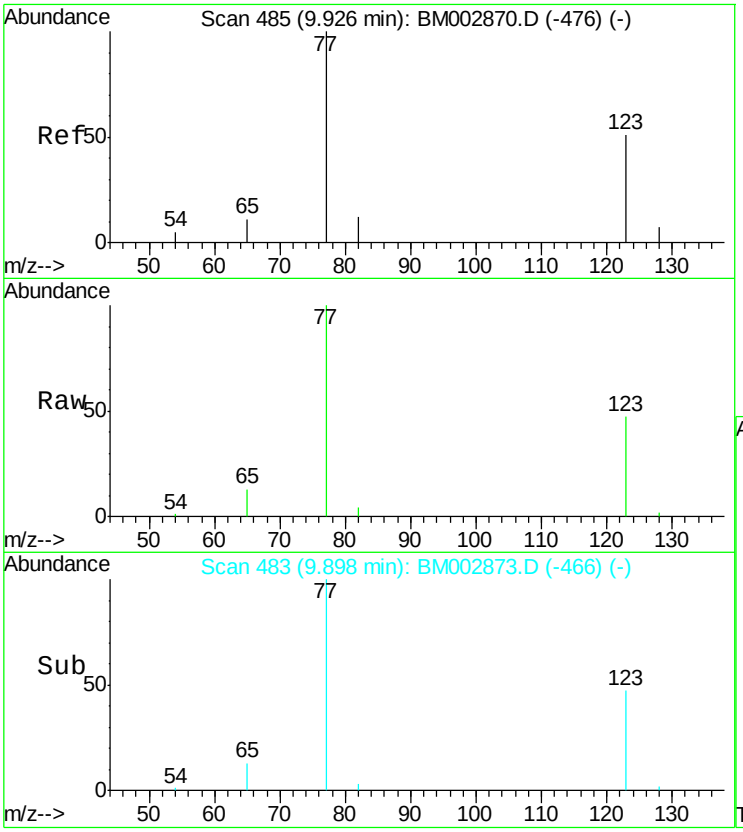


#8
Nitrobenzene-d5
Concen: 10.20 ng
RT: 9.86 min Scan# 479
Delta R.T. -0.02 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Tgt Ion: 82 Resp: 107743

Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.1	51.1
54	47.2	42.6	63.8



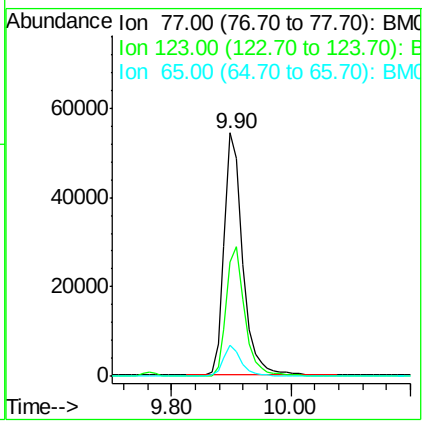


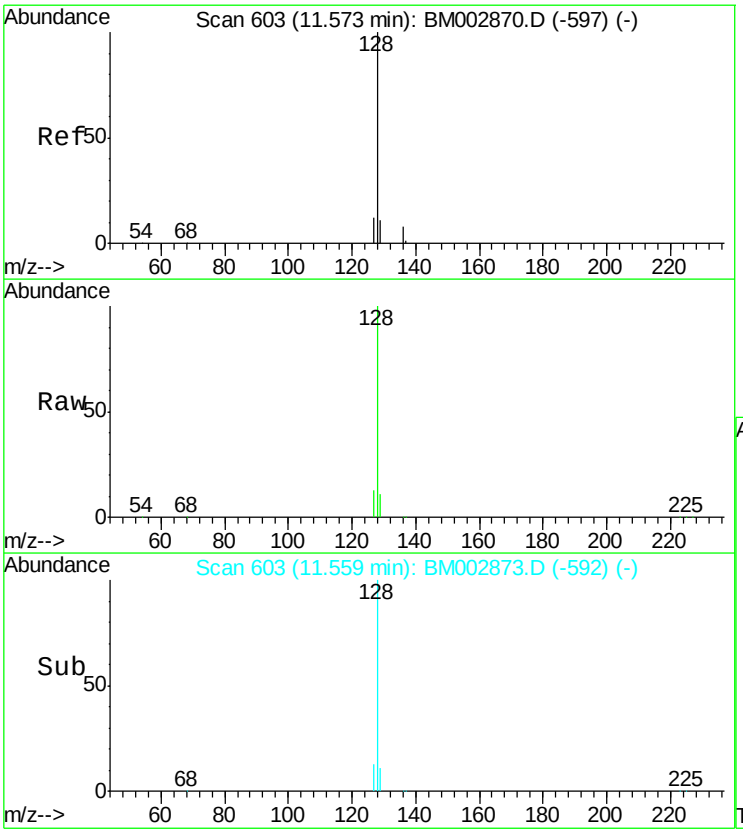
#9
Nitrobenzene
Concen: 10.29 ng
RT: 9.90 min Scan# 483
Delta R.T. -0.03 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 116930

Ion	Ratio	Lower	Upper
77	100		
123	53.4	41.0	61.4
65	12.3	9.7	14.5

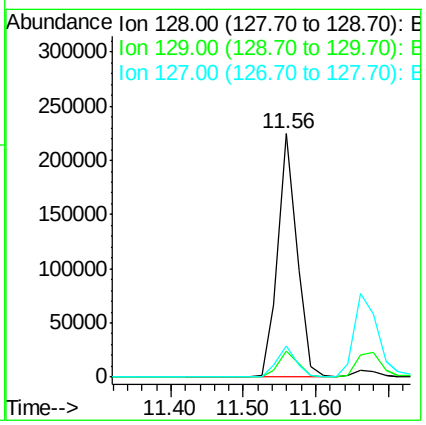


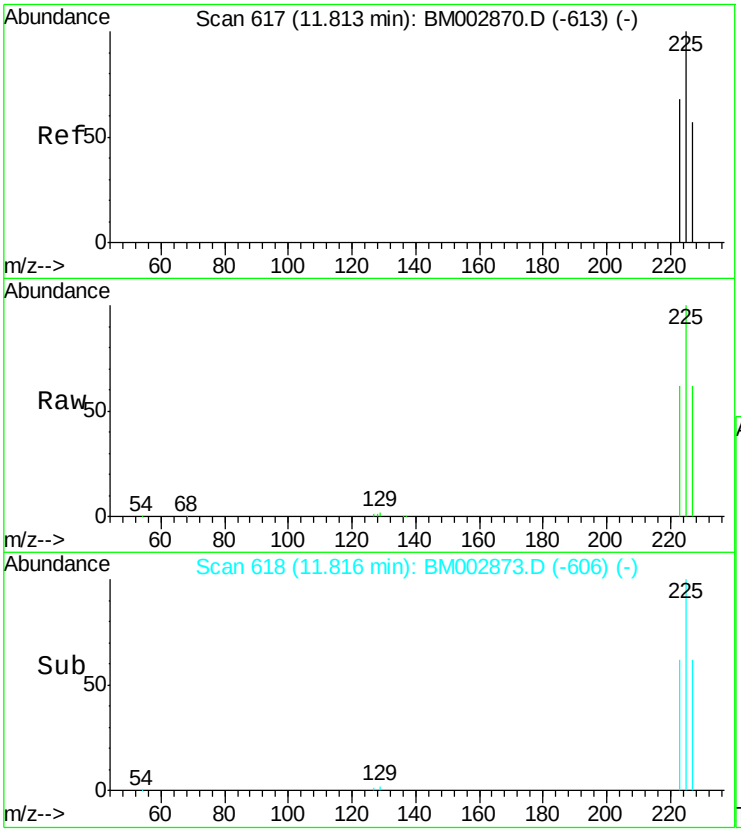


#10
Naphthalene
Concen: 9.77 ng
RT: 11.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Tgt Ion:128 Resp: 415563

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.2
127	12.8	9.6	14.4



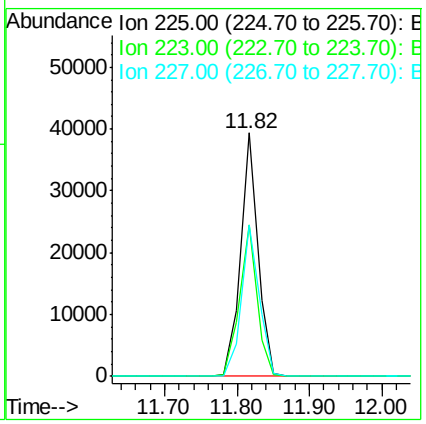


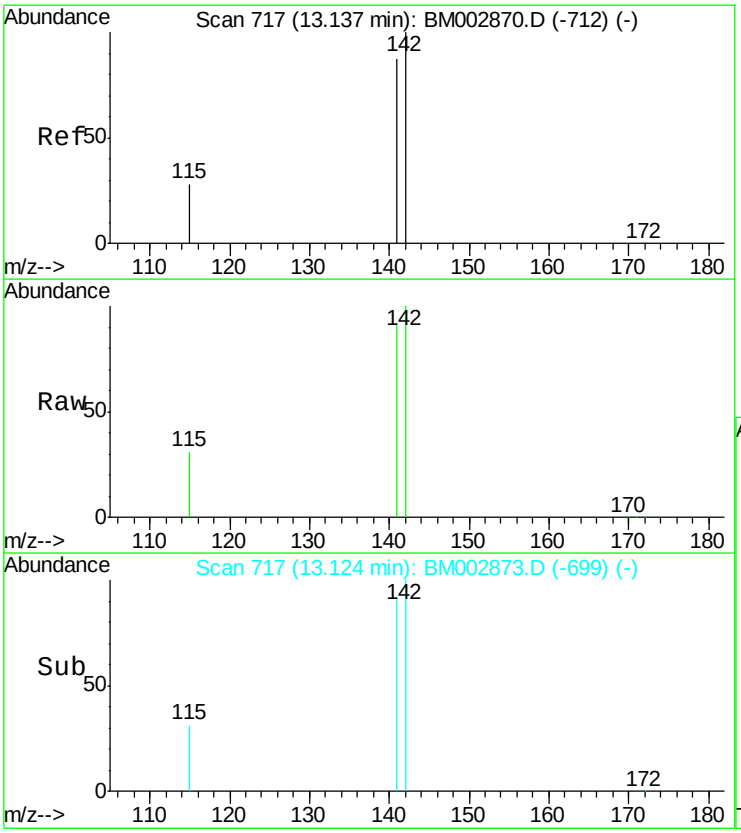
#11
Hexachlorobutadiene
Concen: 9.28 ng
RT: 11.82 min Scan# 618
Delta R.T. 0.00 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:225 Resp: 65047

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.1	75.1
227	63.8	51.2	76.8

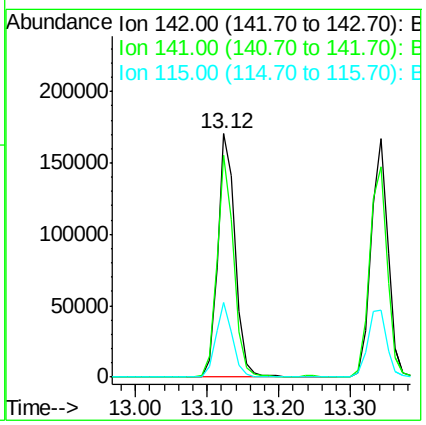


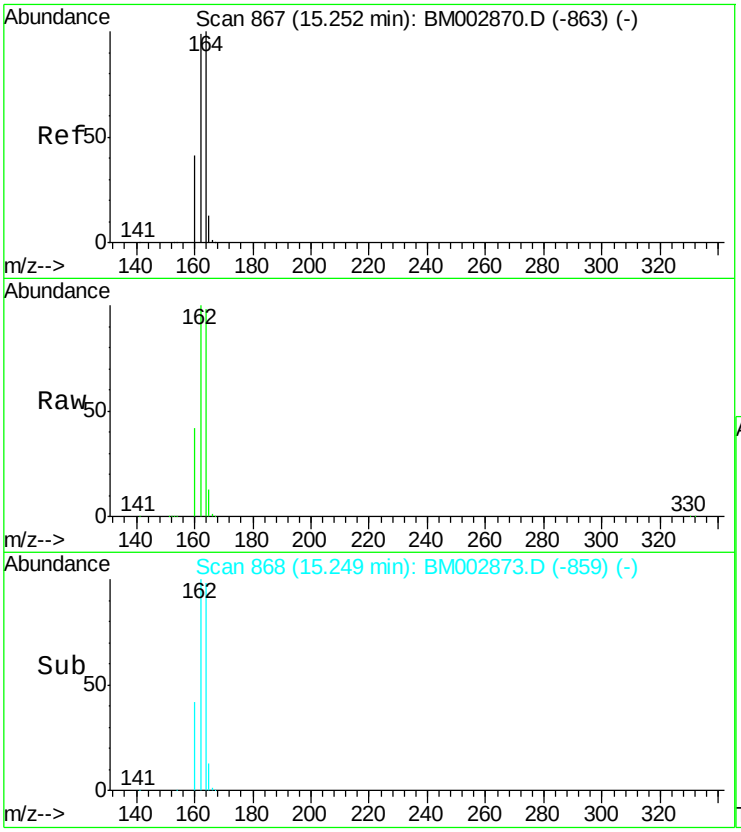


#12
2-Methylnaphthalene
Concen: 11.29 ng
RT: 13.12 min Scan# 717
Delta R.T. -0.01 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Tgt Ion:142 Resp: 288575

Ion	Ratio	Lower	Upper
142	100		
141	91.3	69.4	104.0
115	30.8	22.7	34.1



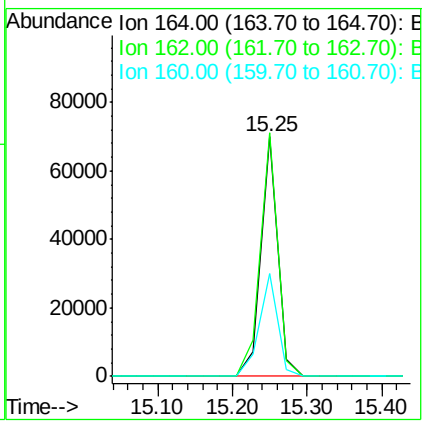


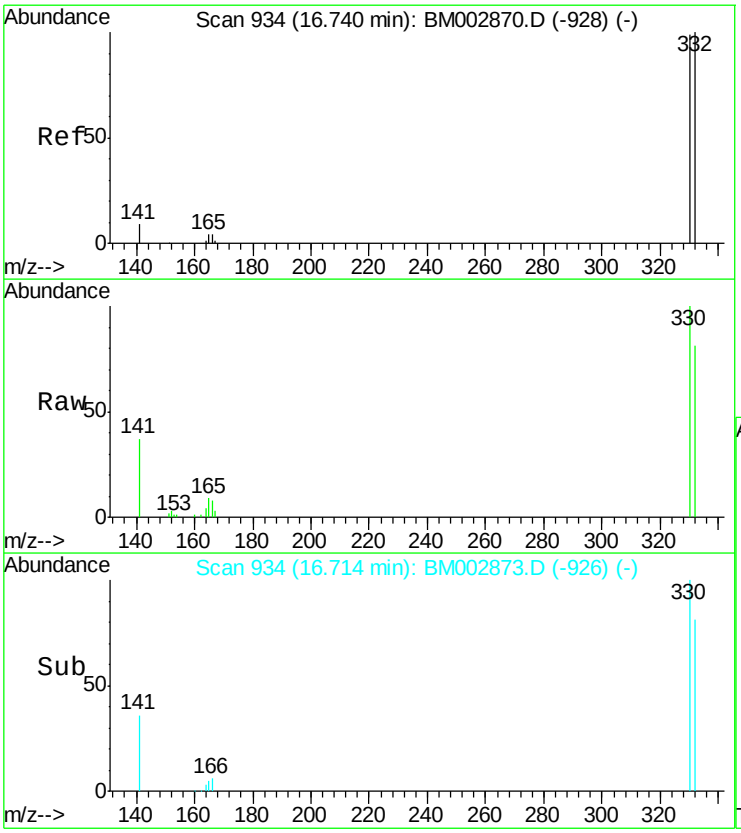
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 15.25 min Scan# 868
Delta R.T. -0.00 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 109161

Ion	Ratio	Lower	Upper
164	100		
162	101.7	79.6	119.4
160	43.0	33.1	49.7

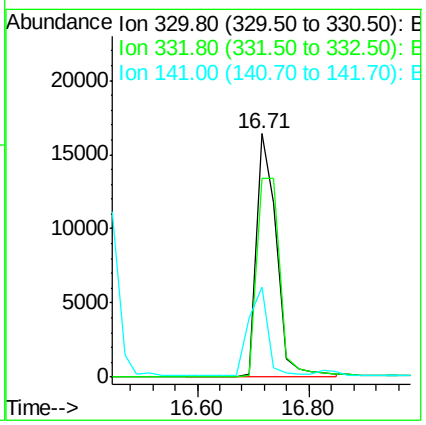


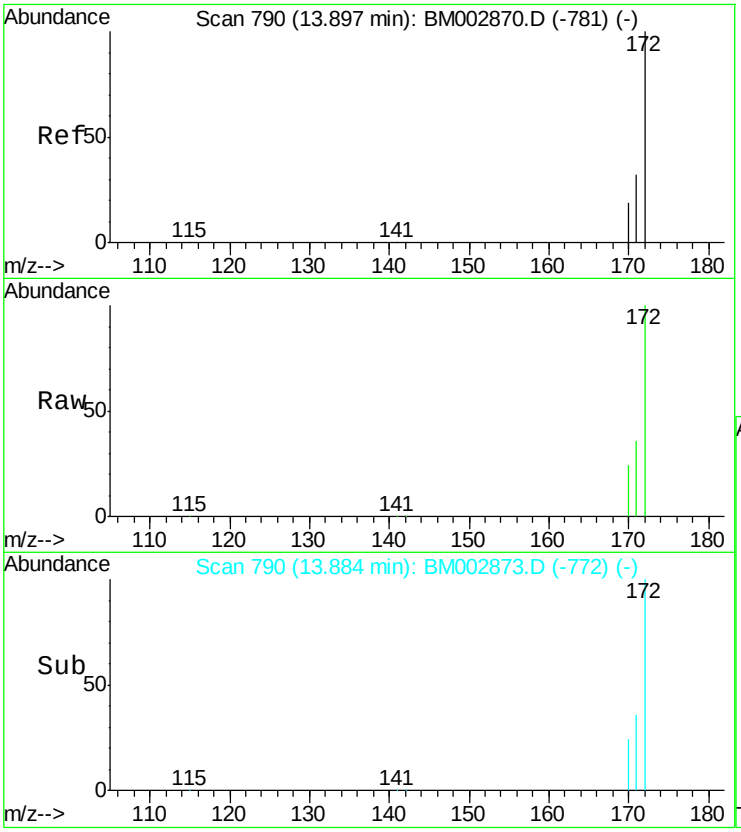


#14
2,4,6-Tribromophenol
Concen: 11.53 ng
RT: 16.71 min Scan# 934
Delta R.T. -0.03 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Tgt Ion:330 Resp: 40776

Ion	Ratio	Lower	Upper
330	100		
332	0.0	76.6	115.0#
141	35.5	0.0	0.0#



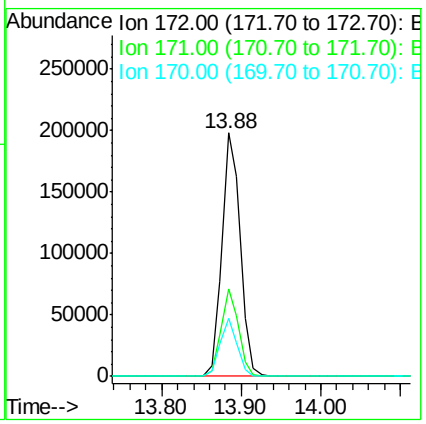


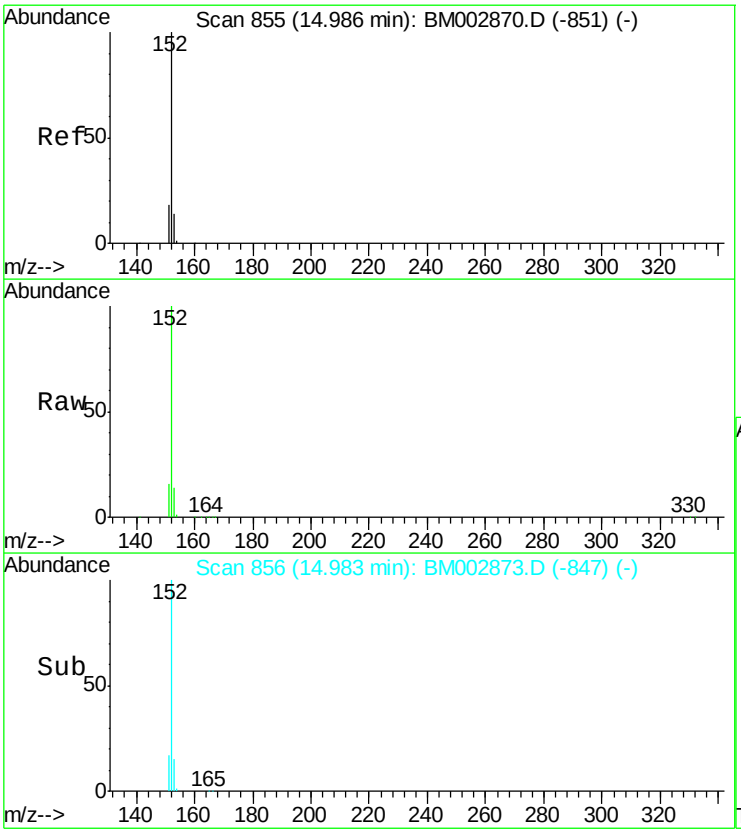
#15
2-Fluorobiphenyl
Concen: 10.42 ng
RT: 13.88 min Scan# 790
Delta R.T. -0.01 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 315200

Ion	Ratio	Lower	Upper
172	100		
171	36.0	26.1	39.1
170	24.0	15.7	23.5#

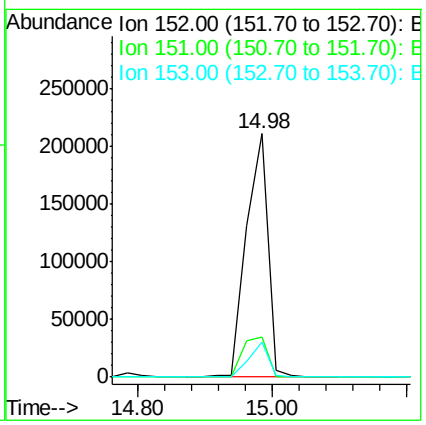


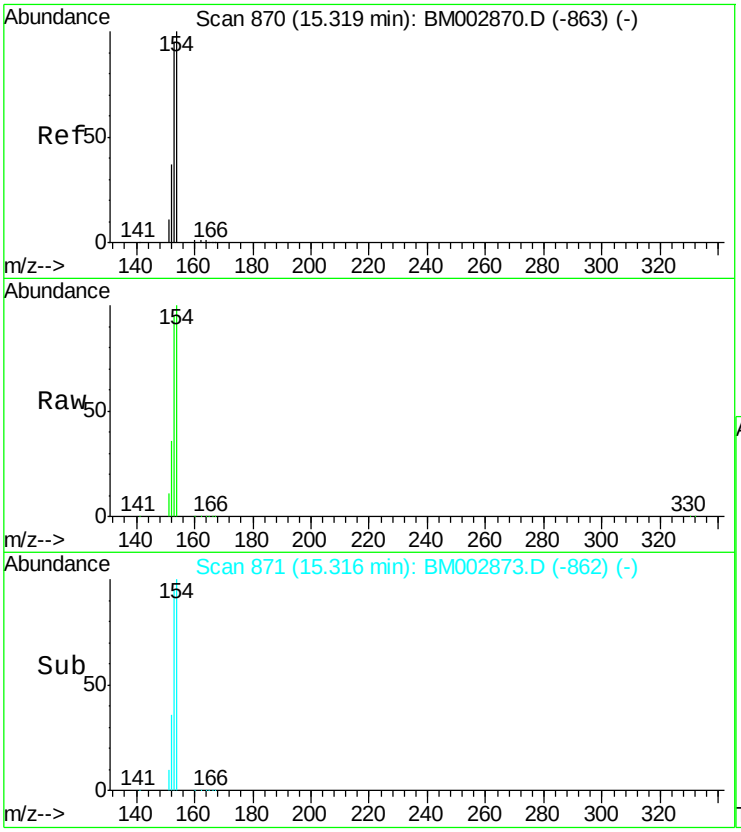


#16
Acenaphthylene
Concen: 2.81 ng
RT: 14.98 min Scan# 856
Delta R.T. -0.00 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Tgt Ion:152 Resp: 469299

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.3	22.9
153	13.0	10.5	15.7



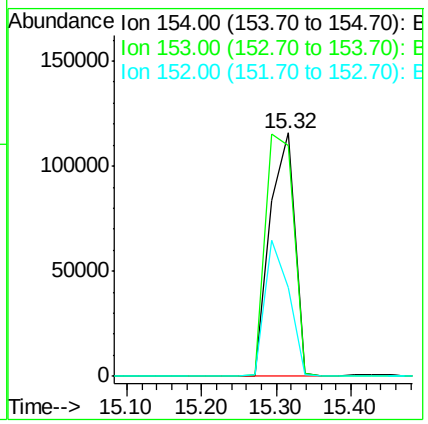


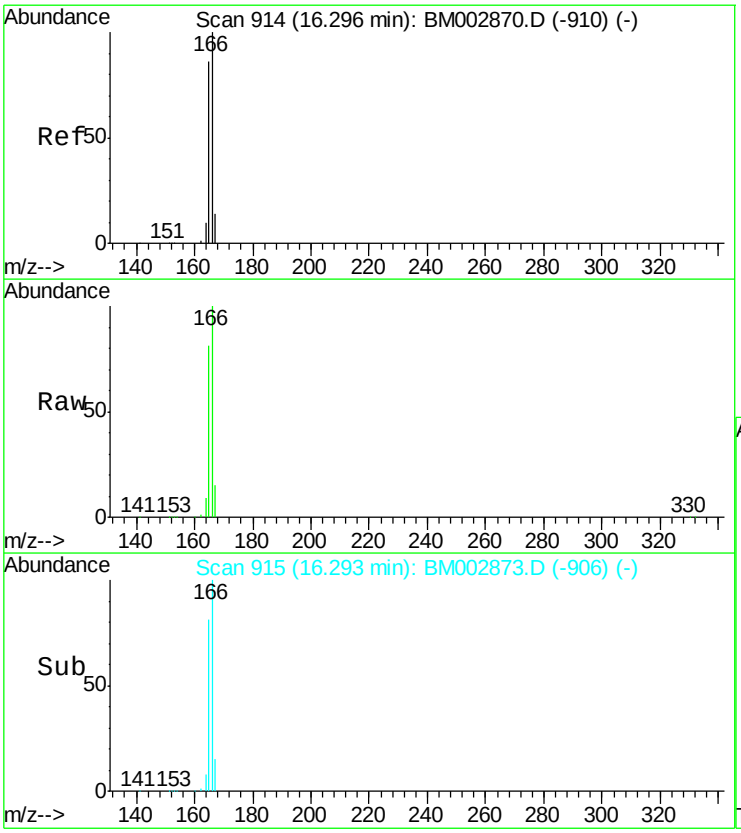
#17
Acenaphthene
Concen: 9.19 ng
RT: 15.32 min Scan# 871
Delta R.T. -0.00 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:154 Resp: 268988

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

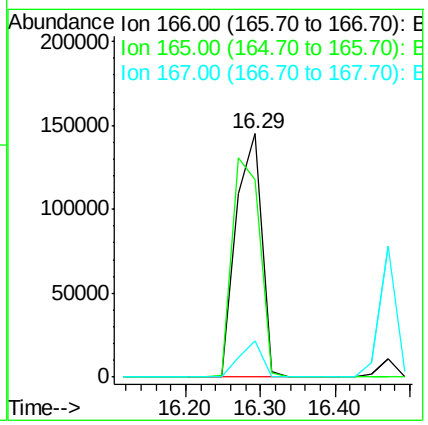


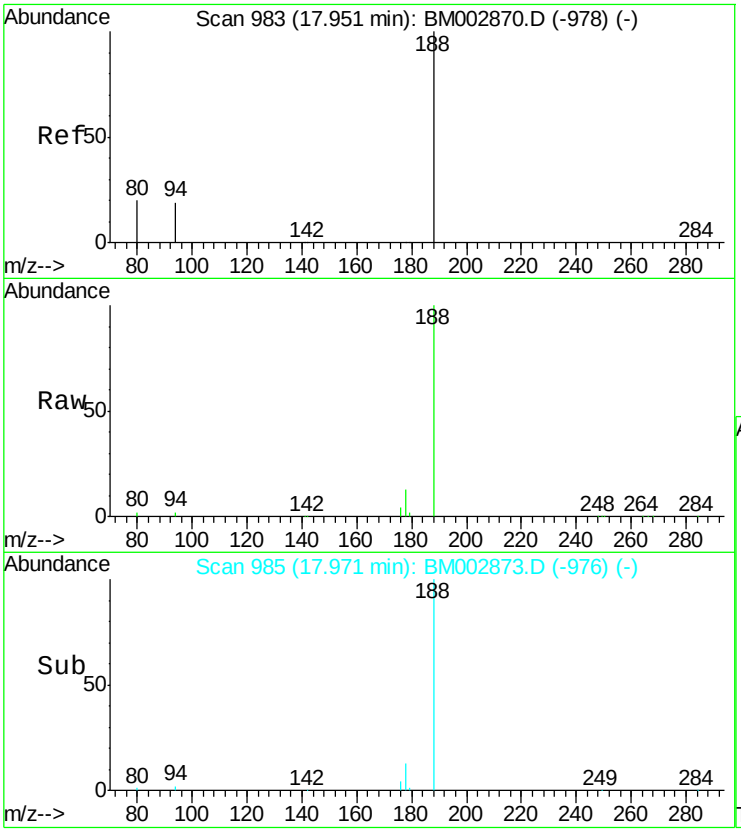


#18
Fluorene
Concen: 9.49 ng
RT: 16.29 min Scan# 915
Delta R.T. -0.00 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Tgt Ion:166 Resp: 344115

Ion	Ratio	Lower	Upper
166	100		
165	0.0	77.3	115.9#
167	13.5	10.9	16.3



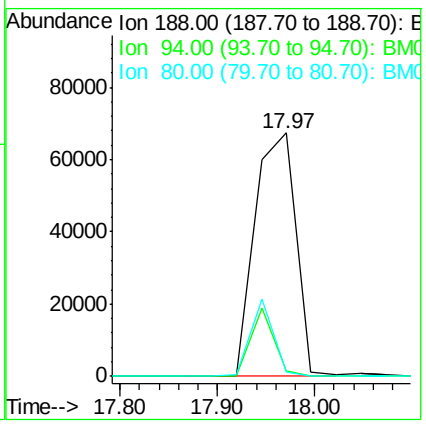


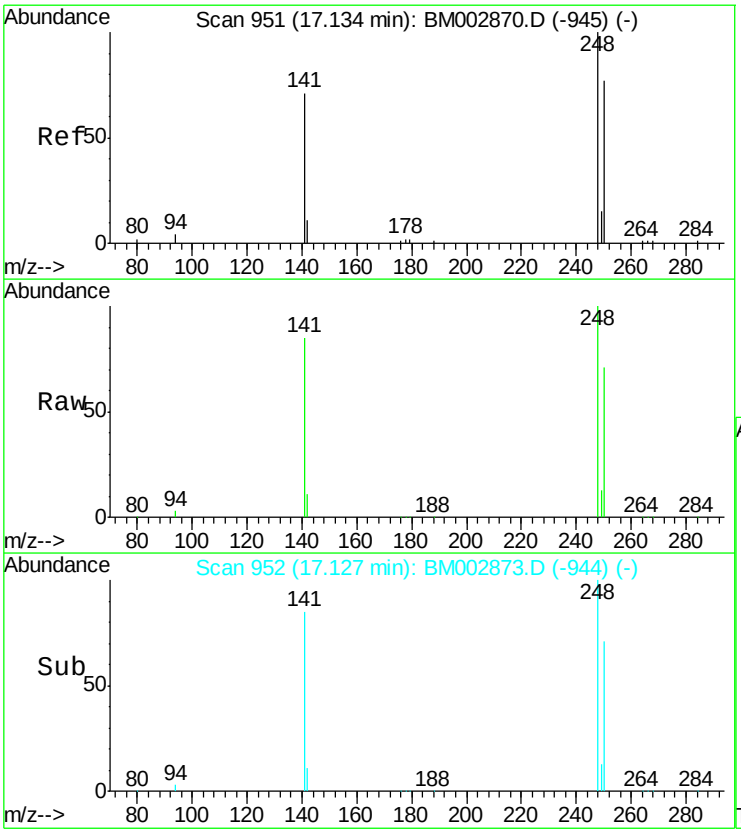
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.97 min Scan# 985
Delta R.T. 0.02 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:188 Resp: 197214

Ion	Ratio	Lower	Upper
188	100		
94	2.1	15.2	22.8#
80	1.7	15.9	23.9#

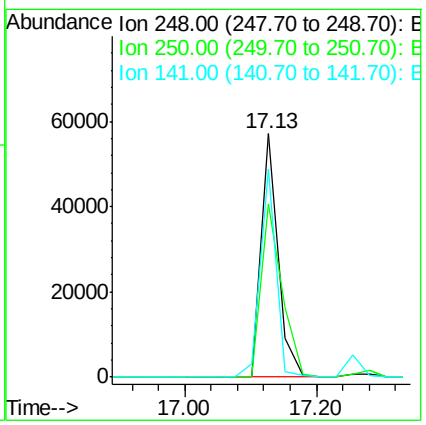


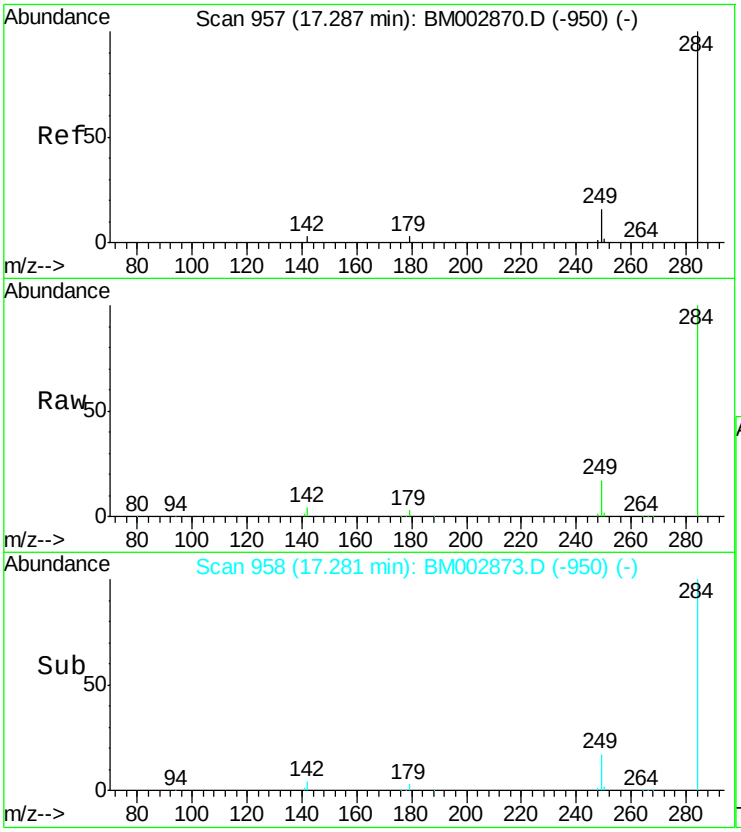


#20
4-Bromophenyl-phenylether
Concen: 13.02 ng
RT: 17.13 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Tgt Ion:248 Resp: 101855

Ion	Ratio	Lower	Upper
248	100		
250	86.4	71.4	107.2
141	79.9	54.6	82.0



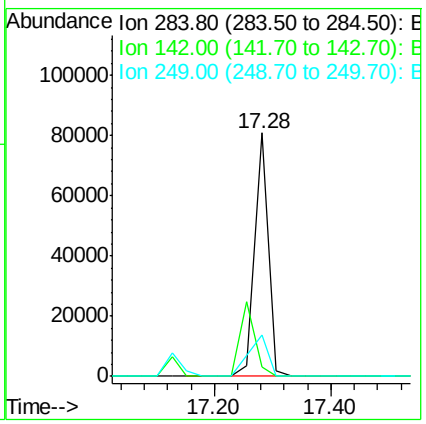


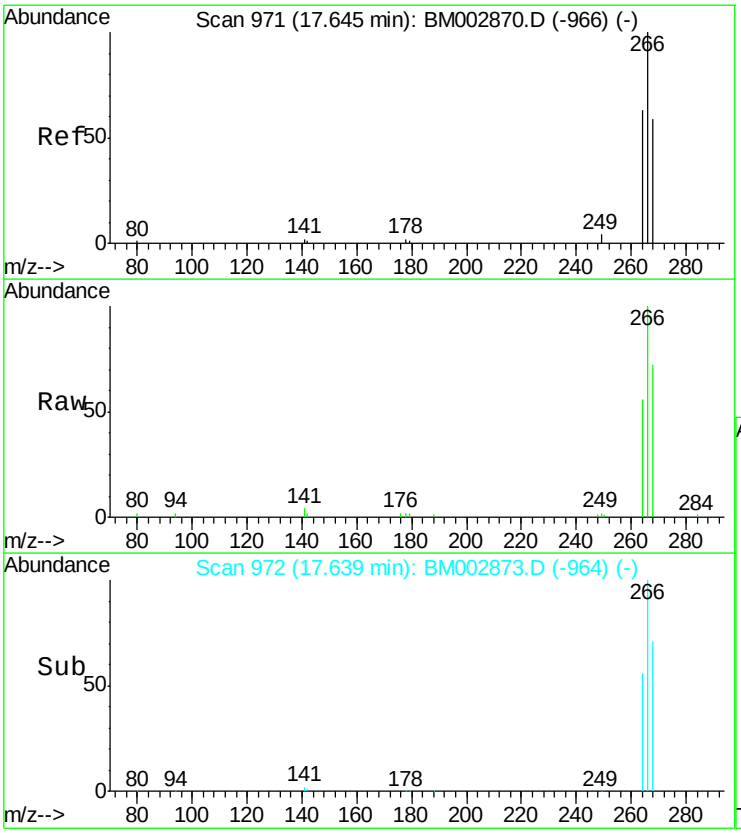
#21
Hexachlorobenzene
Concen: 3.78 ng
RT: 17.28 min Scan# 958
Delta R.T. -0.01 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:284 Resp: 132780

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	23.8	20.7	31.1

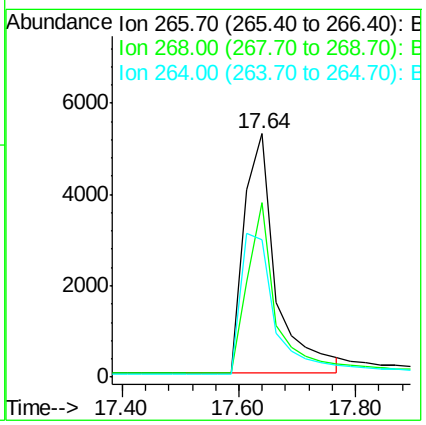


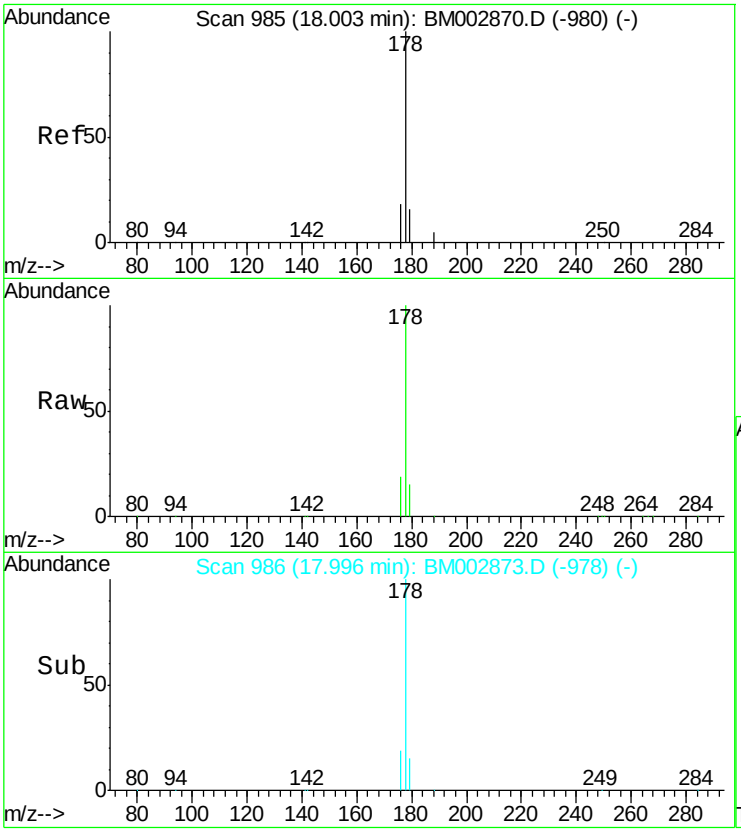


#22
Pentachlorophenol
Concen: 7.50 ng
RT: 17.64 min Scan# 972
Delta R.T. -0.01 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Tgt Ion:266 Resp: 19876

Ion	Ratio	Lower	Upper
266	100		
268	71.6	58.3	87.5
264	56.5	54.2	81.2



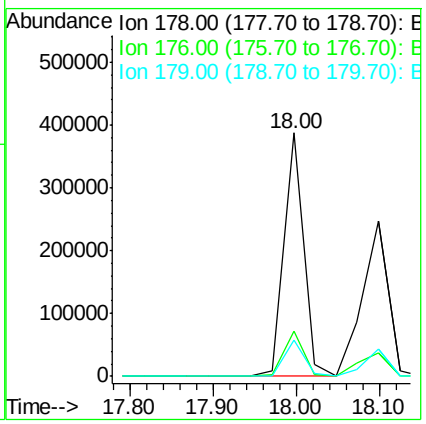


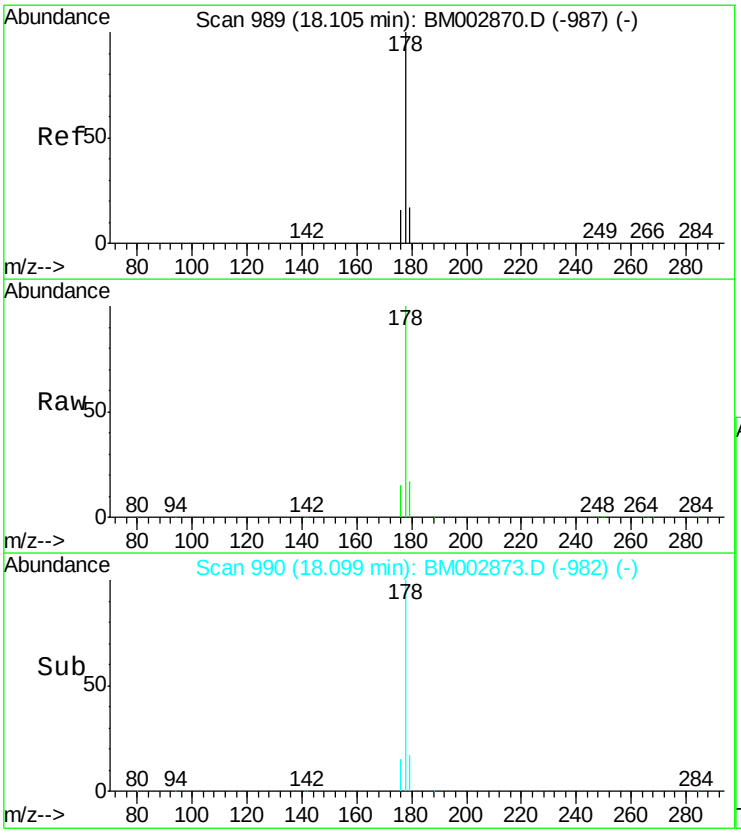
#23
Phenanthrene
Concen: 12.49 ng
RT: 18.00 min Scan# 986
Delta R.T. -0.01 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 640206

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.2	12.5	18.7

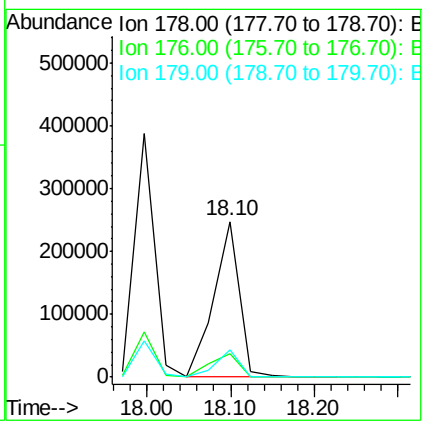


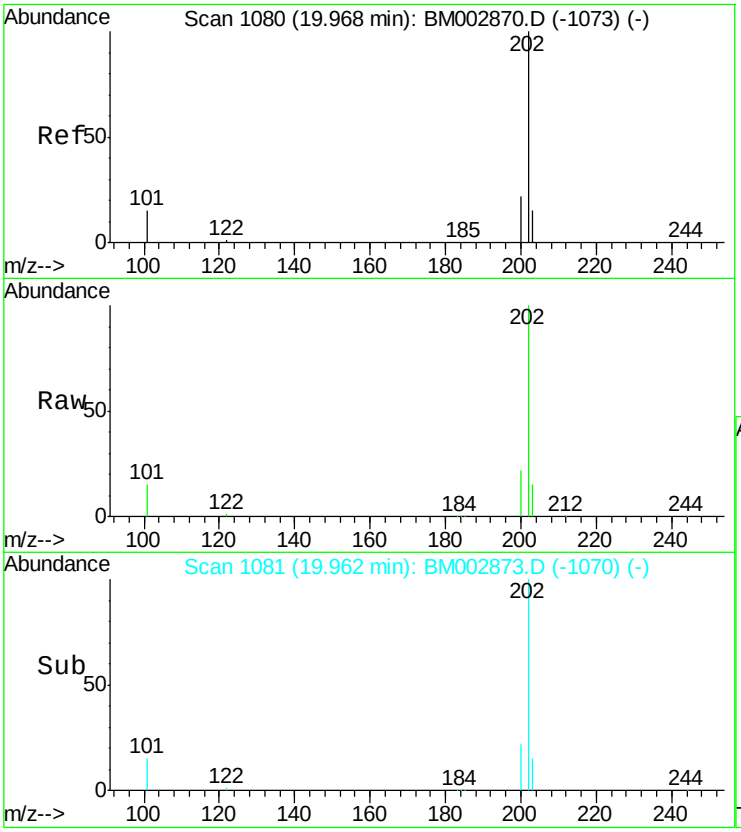


#24
Anthracene
Concen: 11.59 ng
RT: 18.10 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Tgt Ion:178 Resp: 526520

Ion	Ratio	Lower	Upper
178	100		
176	17.5	13.9	20.9
179	15.8	12.6	18.8



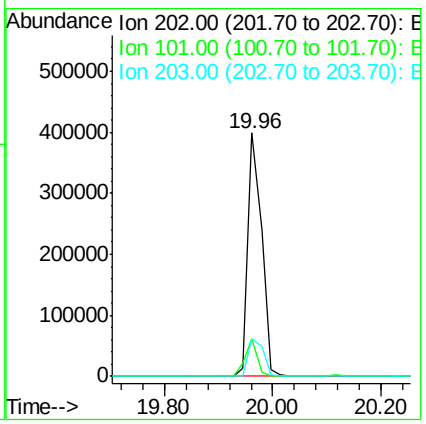


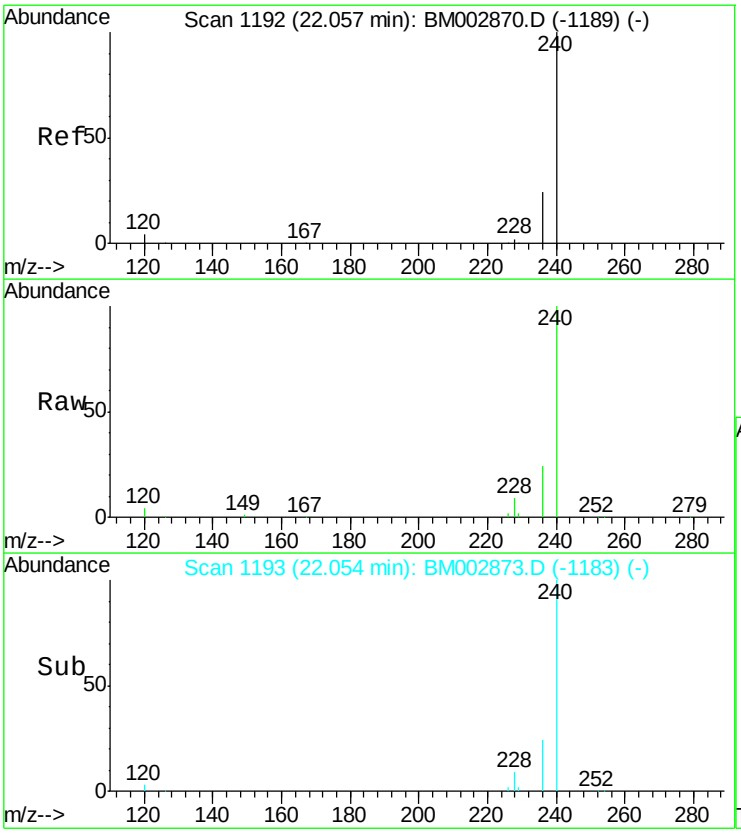
#25
Fluoranthene
Concen: 11.32 ng
RT: 19.96 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 687338

Ion	Ratio	Lower	Upper
202	100		
101	13.5	11.0	16.6
203	17.1	13.8	20.6

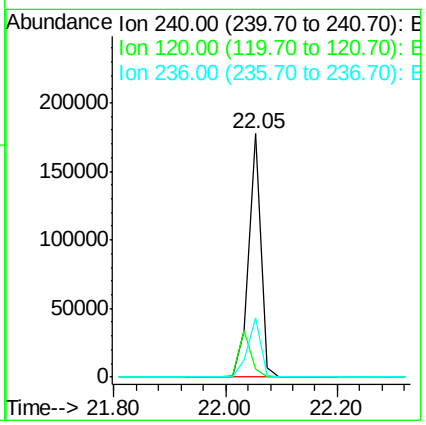


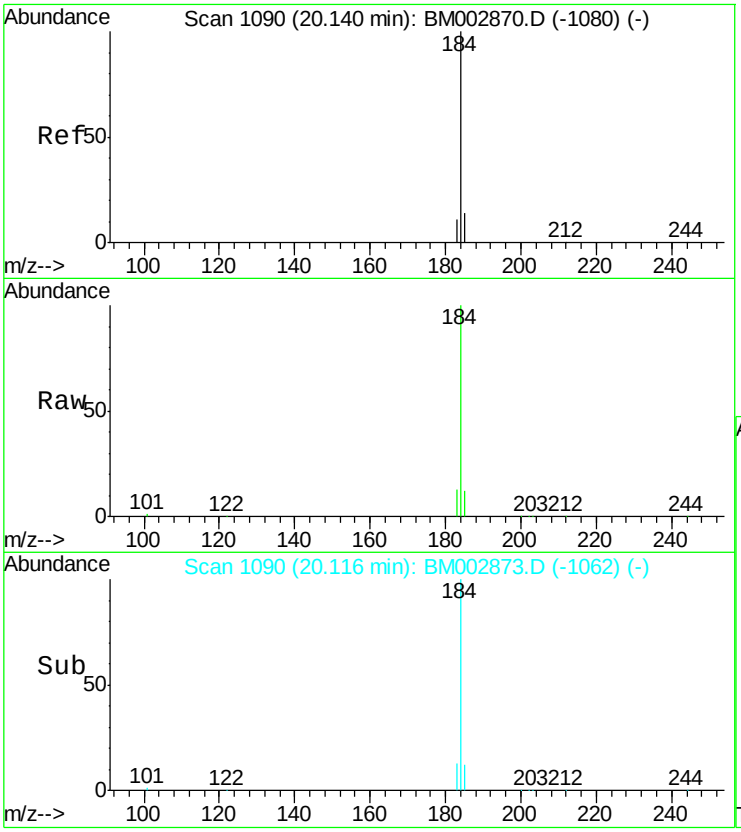


#26
Chrysene-d12
Concen: 5.00 ng
RT: 22.05 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Tgt Ion:240 Resp: 270271

Ion	Ratio	Lower	Upper
240	100		
120	3.5	3.3	4.9
236	24.5	19.5	29.3



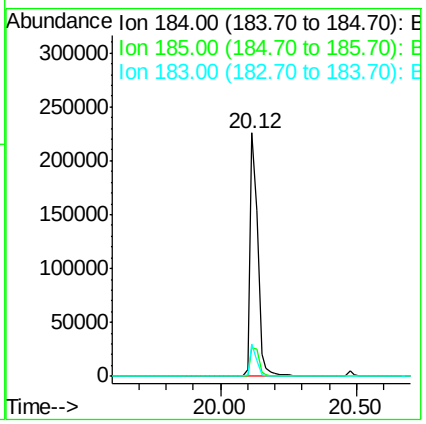


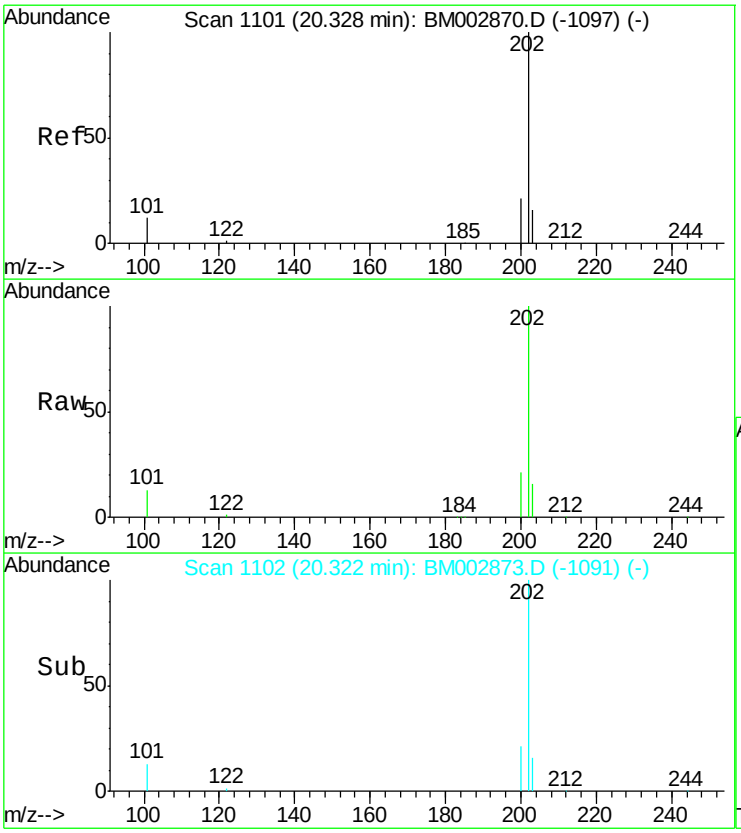
#27
Benzidine
Concen: 45.54 ng
RT: 20.12 min Scan# 1090
Delta R.T. -0.02 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 439743

Ion	Ratio	Lower	Upper
184	100		
185	12.0	12.0	18.0#
183	13.1	8.9	13.3

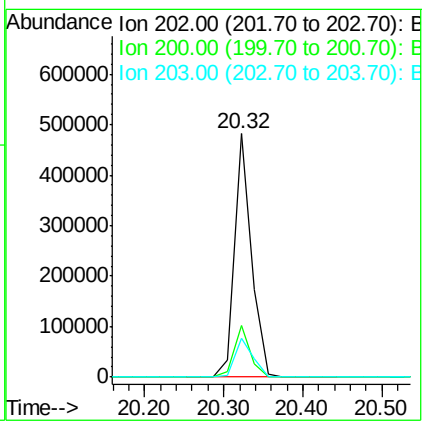


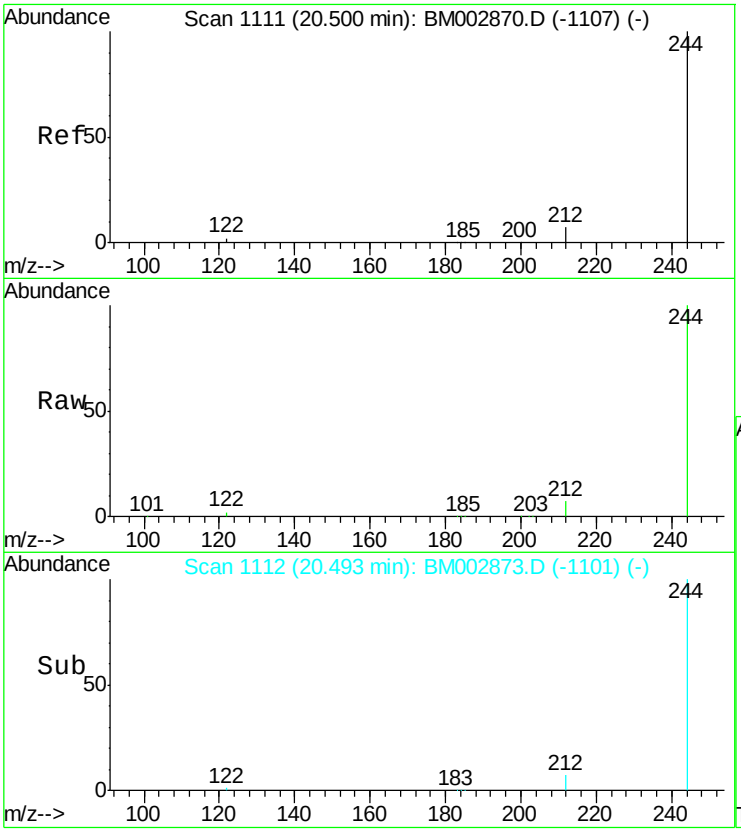


#28
Pyrene
Concen: 10.11 ng
RT: 20.32 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Tgt Ion:202 Resp: 718713

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.4
203	17.4	13.8	20.8



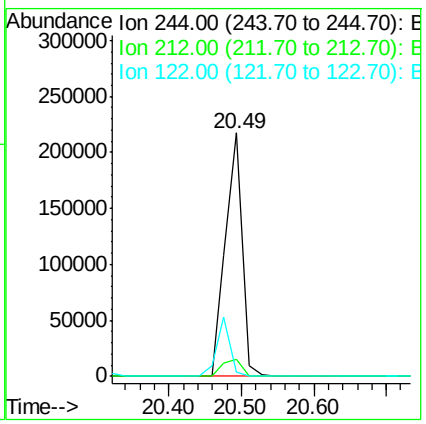


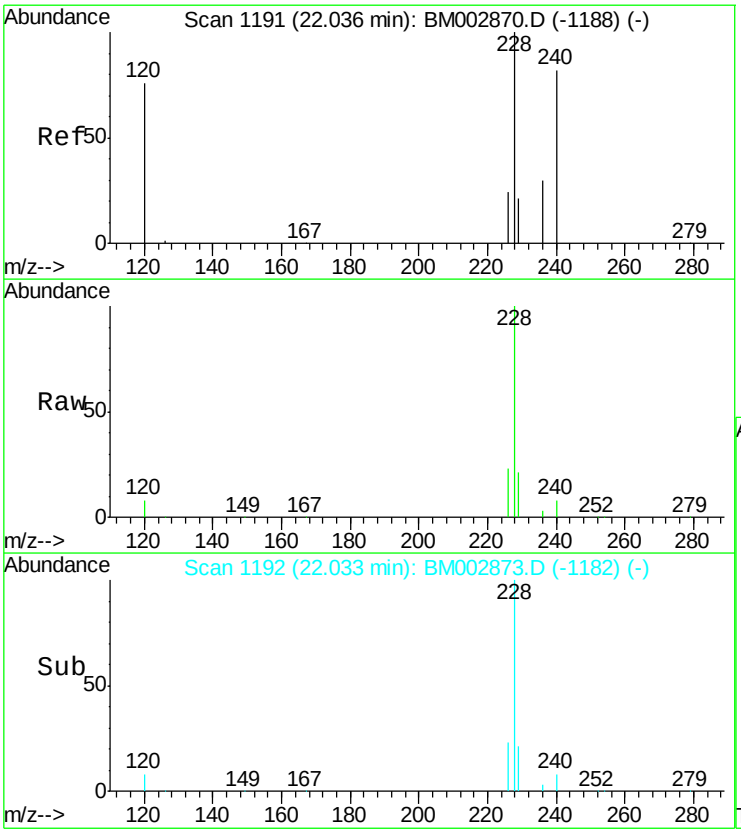
#29
Terphenyl-d14
Concen: 9.96 ng
RT: 20.49 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 347739

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	2.0	2.2	3.2#

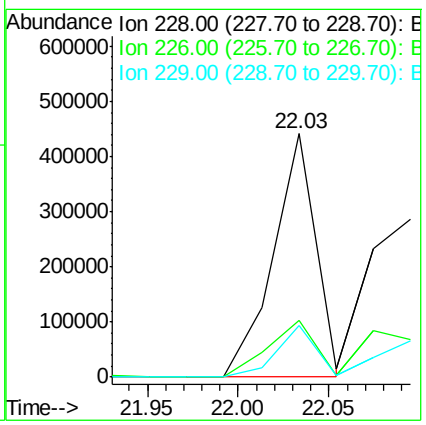


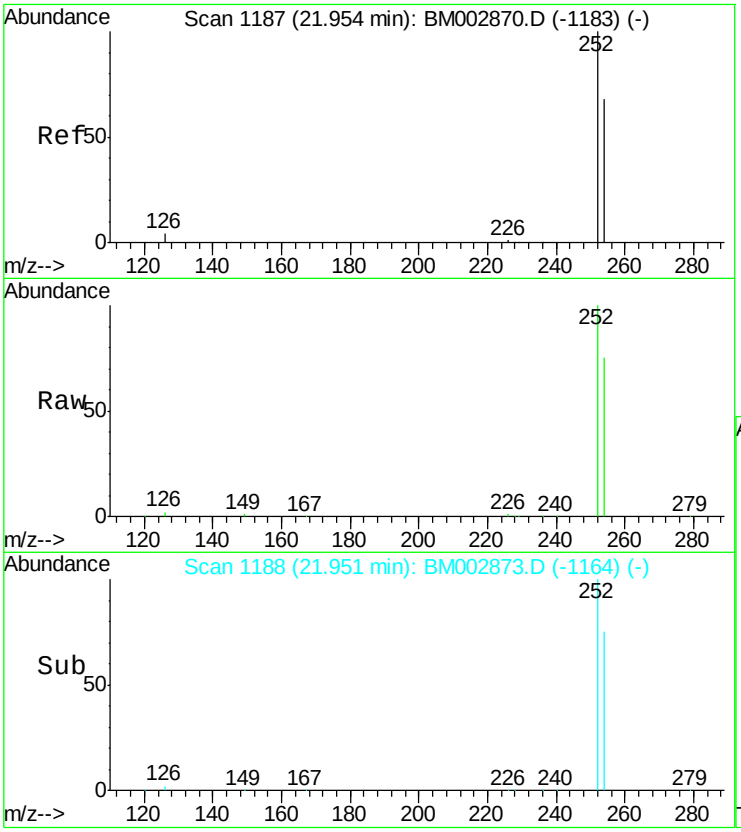


#30
Benzo(a)anthracene
Concen: 10.94 ng
RT: 22.03 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Tgt Ion:228 Resp: 715970

Ion	Ratio	Lower	Upper
228	100		
226	23.4	19.0	28.6
229	21.3	16.8	25.2



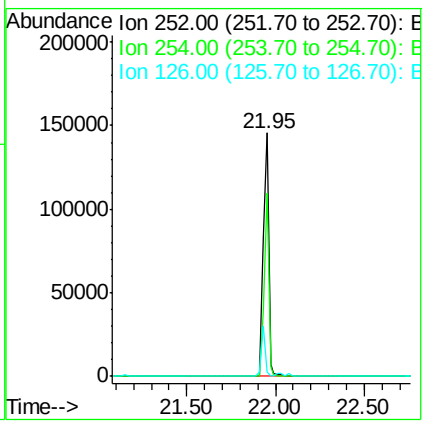


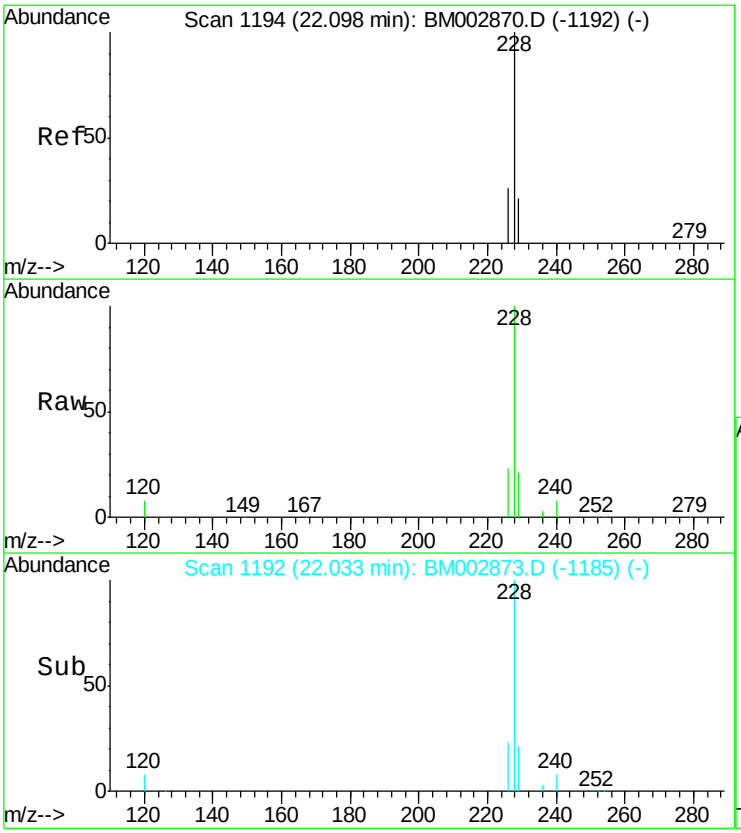
#31
3,3'-Dichlorobenzidine
Concen: 22.03 ng
RT: 21.95 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 296393

Ion	Ratio	Lower	Upper
252	100		
254	75.5	54.1	81.1
126	1.9	4.1	6.1#

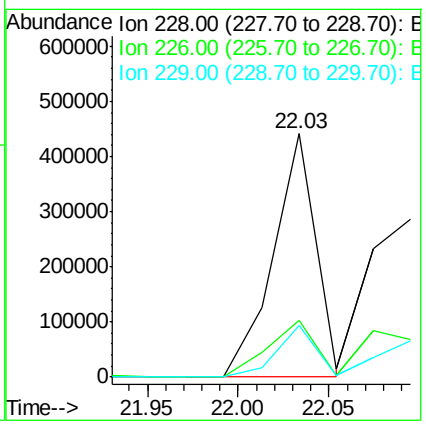


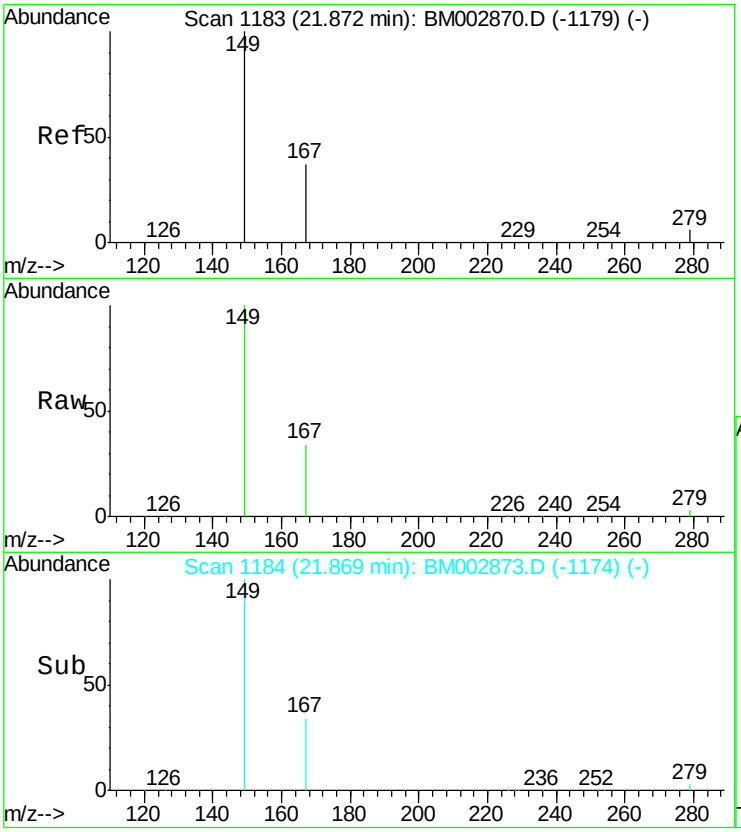


#32
Chrysene
Concen: 8.75 ng
RT: 22.03 min Scan# 1192
Delta R.T. -0.06 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Tgt Ion:228 Resp: 715970

Ion	Ratio	Lower	Upper
228	100		
226	23.4	20.6	30.8
229	21.3	17.4	26.2



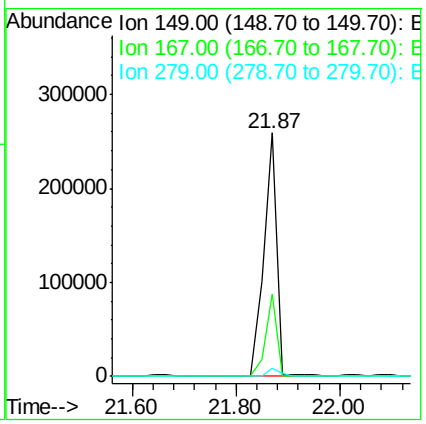


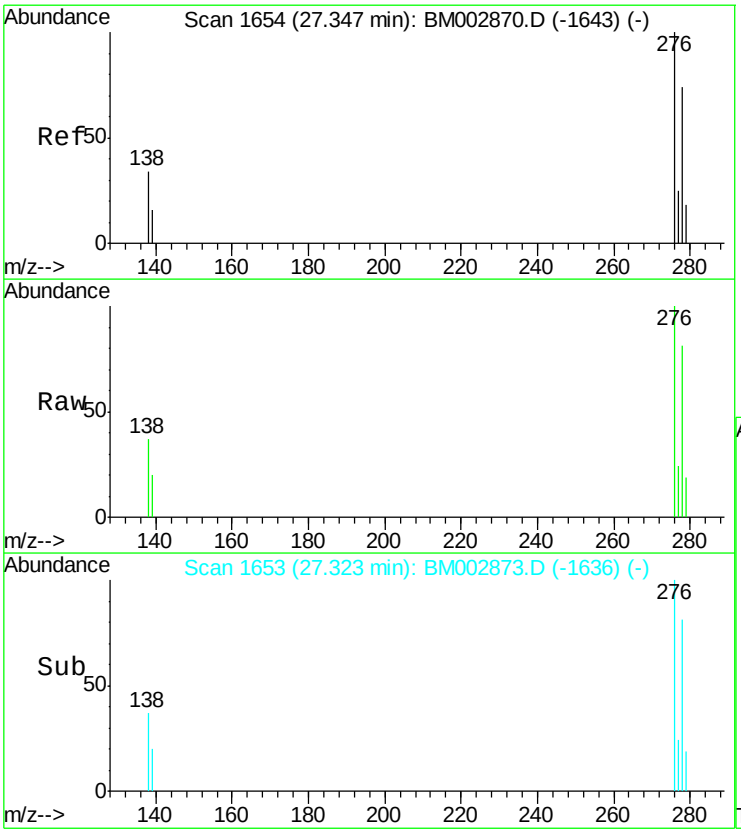
#33
Bis(2-ethylhexyl)phthalate
Concen: 14.65 ng
RT: 21.87 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 443947

Ion	Ratio	Lower	Upper
149	100		
167	29.7	17.2	25.8#
279	3.1	2.2	3.4

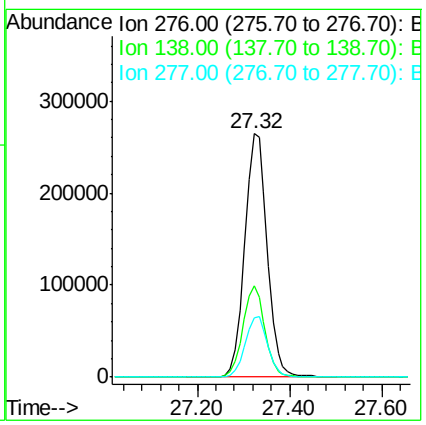


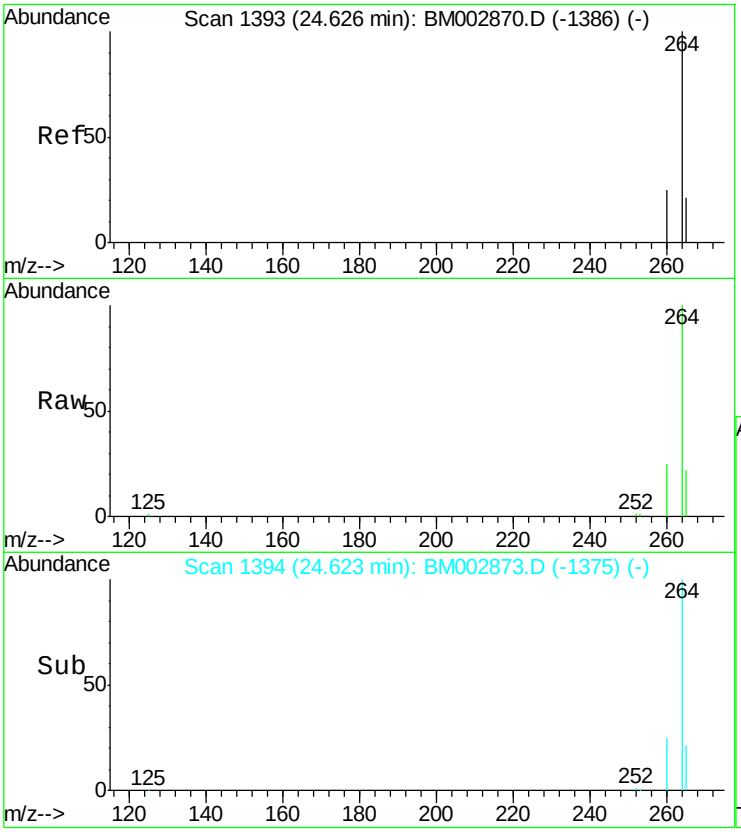


#34
Indeno(1,2,3-cd)pyrene
Concen: 12.97 ng
RT: 27.32 min Scan# 1653
Delta R.T. -0.02 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Tgt Ion:276 Resp: 895322

Ion	Ratio	Lower	Upper
276	100		
138	36.6	29.0	43.6
277	24.8	19.8	29.8



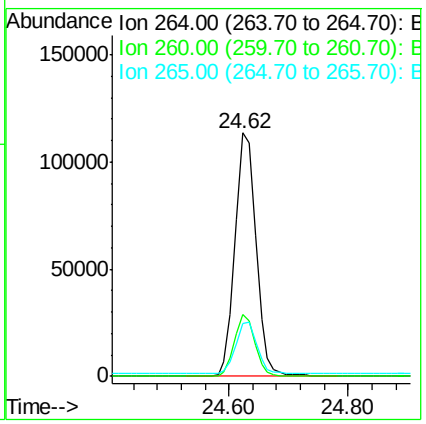


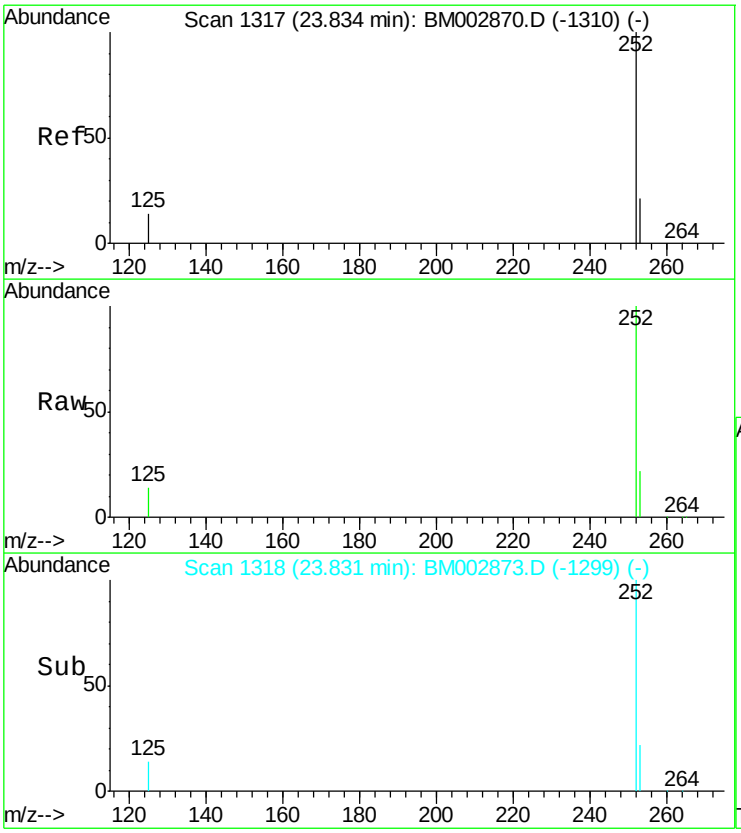
#35
Perylene-d12
Concen: 5.00 ng
RT: 24.62 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:264 Resp: 275508

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.1	30.1
265	21.7	17.6	26.4

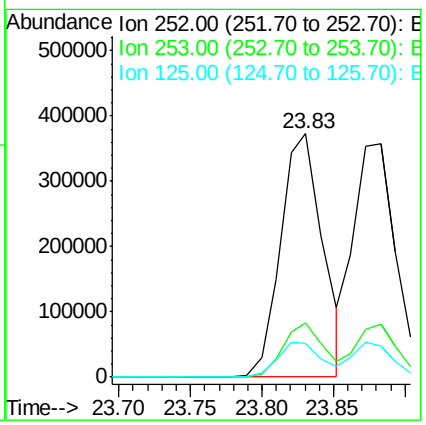


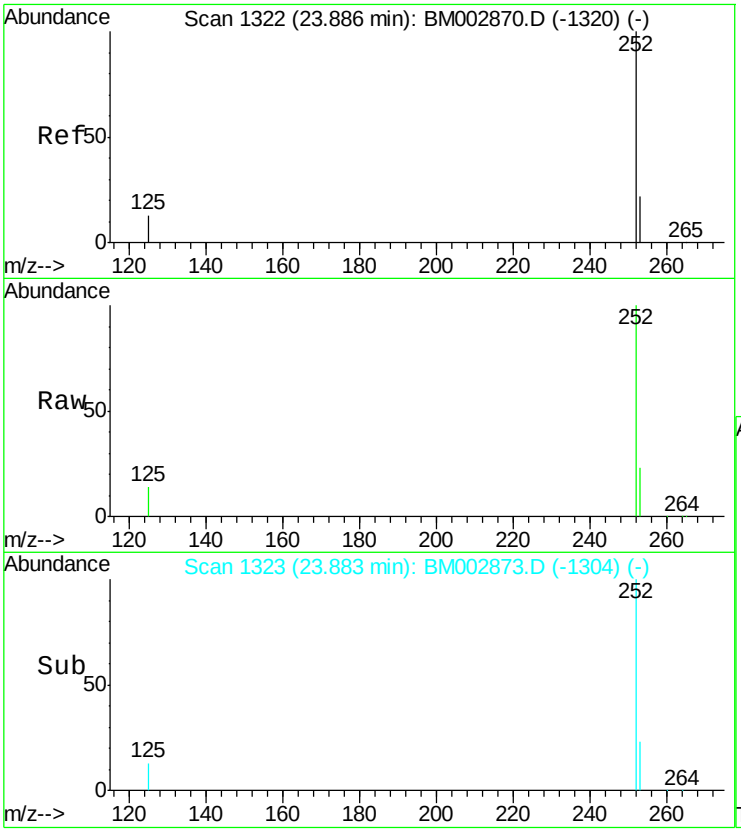


#36
Benzo(b)fluoranthene
Concen: 11.94 ng
RT: 23.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Tgt Ion:252 Resp: 763366

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	13.7	12.4	18.6



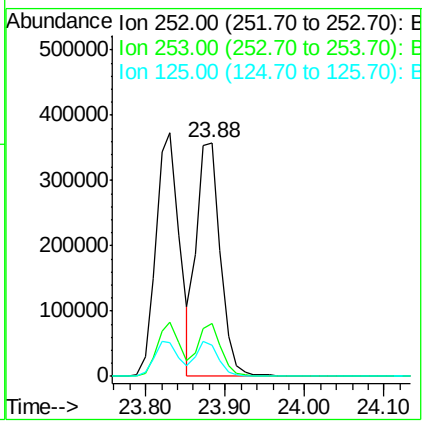


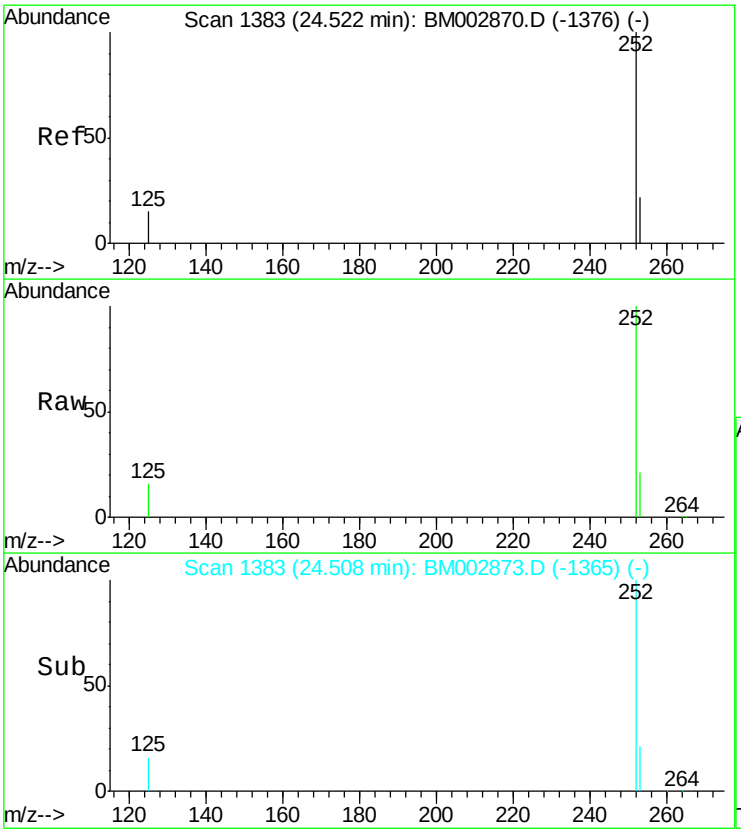
#37
Benzo(k)fluoranthene
Concen: 8.89 ng
RT: 23.88 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 738220

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	13.6	12.3	18.5

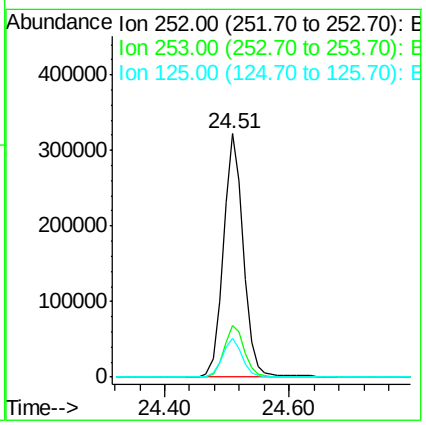


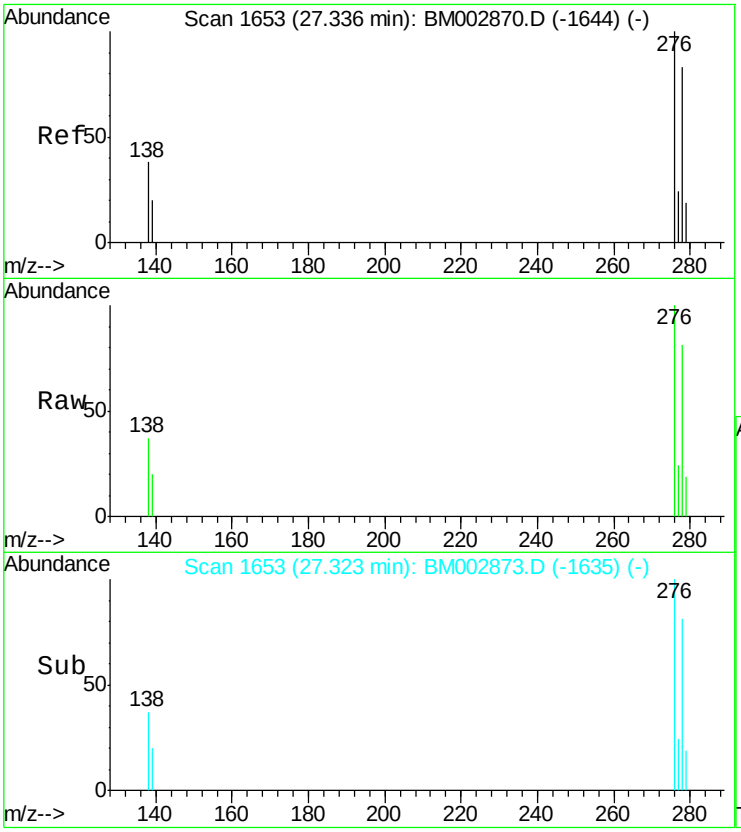


#38
Benzo(a)pyrene
Concen: 12.17 ng
RT: 24.51 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Tgt Ion:252 Resp: 718422

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.4	27.6
125	16.0	13.3	19.9



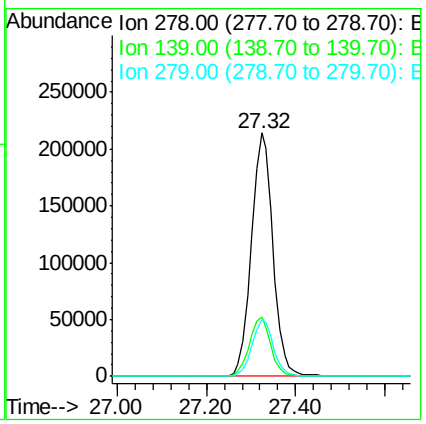


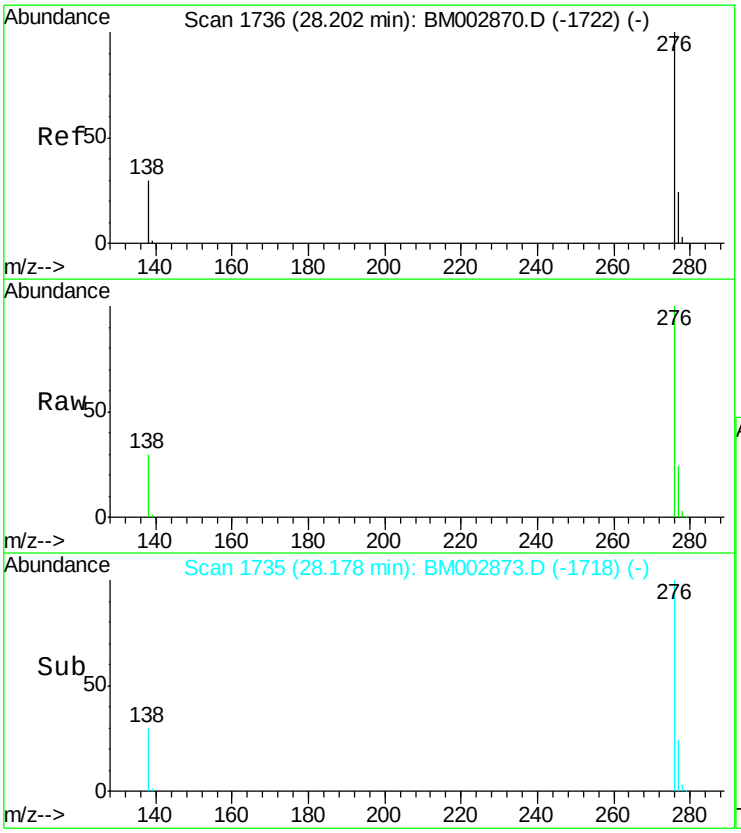
#39
Dibenzo(a,h)anthracene
Concen: 12.33 ng
RT: 27.32 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 719546

Ion	Ratio	Lower	Upper
278	100		
139	24.2	19.8	29.6
279	23.2	19.1	28.7





#40
Benzo(g,h,i)perylene
Concen: 11.66 ng
RT: 28.18 min Scan# 1735
Delta R.T. -0.02 min
Lab File: BM002873.D
Acq: 08 Oct 2015 20:58

Tgt Ion:276 Resp: 731200

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	29.9	24.4	36.6