Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100915\
Data File : BM002885.D
Acq On : 09 Oct 2015 15:22
Operator : UM/IZ
Sample : G3707-03
Misc : LOD 0.1PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 10 05:03:31 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 06:47:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	79129	5.00	ng		-0.02
7) Naphthalene-d8	11.51	136	318824	5.00	ng		-0.01
13) Acenaphthene-d10	15.25	164	175904	5.00	ng		0.00
19) Phenanthrene-d10	17.97	188	346359	5.00	ng		0.02
26) Chrysene-d12	22.05	240	375681	5.00	ng		0.00
35) Perylene-d12	24.63	264	308401	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	6.13	112	98232	5.81	ng		-0.02
5) Phenol-d6	7.79	99	125994	6.03	ng		-0.02
8) Nitrobenzene-d5	9.88	82	49976	3.12	ng		0.00
14) 2,4,6-Tribromophenol	16.74	330	31664	5.44	ng		0.00
15) 2-Fluorobiphenyl	13.89	172	175485	3.29	ng		0.00
29) Terphenyl-d14	20.49	244	179251	3.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	555	Below Cal		#	84
3) n-Nitrosodimethylamine	4.22	42	268	0.04	ng	#	97
6) bis(2-Chloroethyl)ether	8.08	93	1017	0.05	ng	#	83
9) Nitrobenzene	9.93	77	1266	0.07	ng		95
10) Naphthalene	11.56	128	4967	0.07	ng	#	92
11) Hexachlorobutadiene	11.82	225	773	0.07	ng		97
12) 2-Methylnaphthalene	13.17	142	3148	0.07	ng	#	96
16) Acenaphthylene	14.98	152	4440	0.06	ng		99
17) Acenaphthene	15.32	154	3899	0.08	ng	#	100
18) Fluorene	16.29	166	3877	0.07	ng		98
20) 4-Bromophenyl-phenylether	17.15	248	1925	0.12	ng	#	50
21) Hexachlorobenzene	17.28	284	1360	0.07	ng	#	81
22) Pentachlorophenol	17.64	266	17	0.04	ng	#	77
23) Phenanthrene	18.00	178	7318	0.07	ng		96
24) Anthracene	18.00	178	6815	0.08	ng		98
25) Fluoranthene	19.98	202	7293	0.06	ng		98
27) Benzidine	20.17	184	1545	0.20	ng	#	68
28) Pyrene	20.34	202	7672	0.08	ng		98
30) Benzo(a)anthracene	22.03	228	8718	0.08	ng	#	93
31) 3,3'-Dichlorobenzidine	21.97	252	2700	0.07	ng	#	97
32) Chrysene	22.03	228	8699	0.09	ng		94
33) Bis(2-ethylhexyl)phthalate	21.87	149	6259	0.10	ng	#	91
34) Indeno(1,2,3-cd)pyrene	27.38	276	5761	0.05	ng		98
36) Benzo(b)fluoranthene	23.85	252	6530	0.07	ng	#	78
37) Benzo(k)fluoranthene	23.90	252	6307	0.07	ng	#	77
38) Benzo(a)pyrene	24.53	252	5636	0.07	ng	#	76
39) Dibenzo(a,h)anthracene	27.37	278	4642	0.06	ng	#	79
40) Benzo(g,h,i)perylene	28.24	276	5044	0.06	ng	#	86

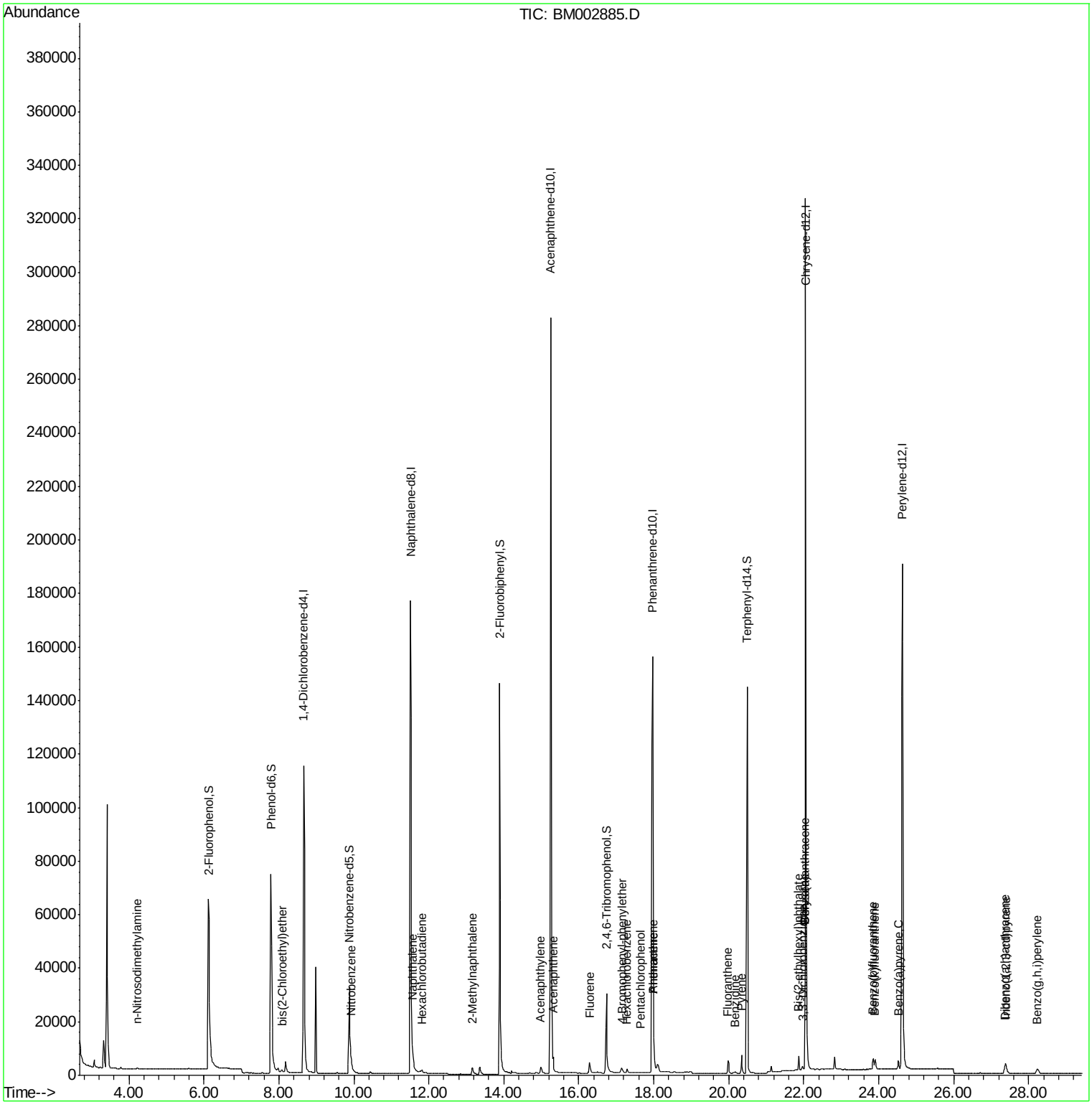
(#) = qualifier out of range (m) = manual integration (+) = signals summed

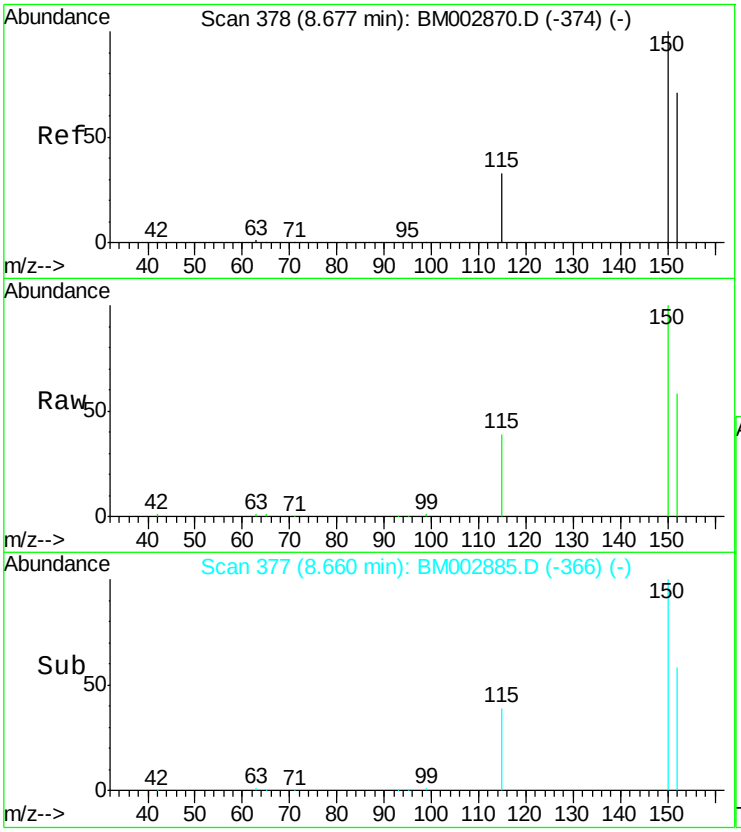
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100915\
Data File : BM002885.D
Acq On : 09 Oct 2015 15:22
Operator : UM/IZ
Sample : G3707-03
Misc : LOD 0.1PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 10 05:03:31 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 06:47:52 2015
Response via : Initial Calibration



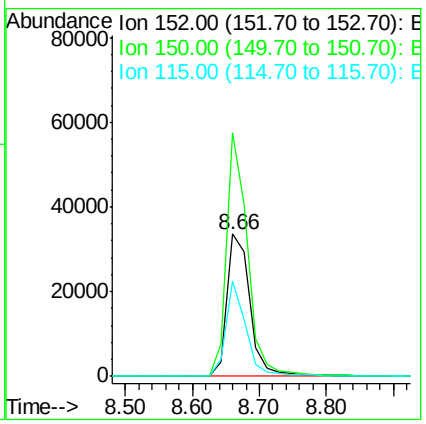


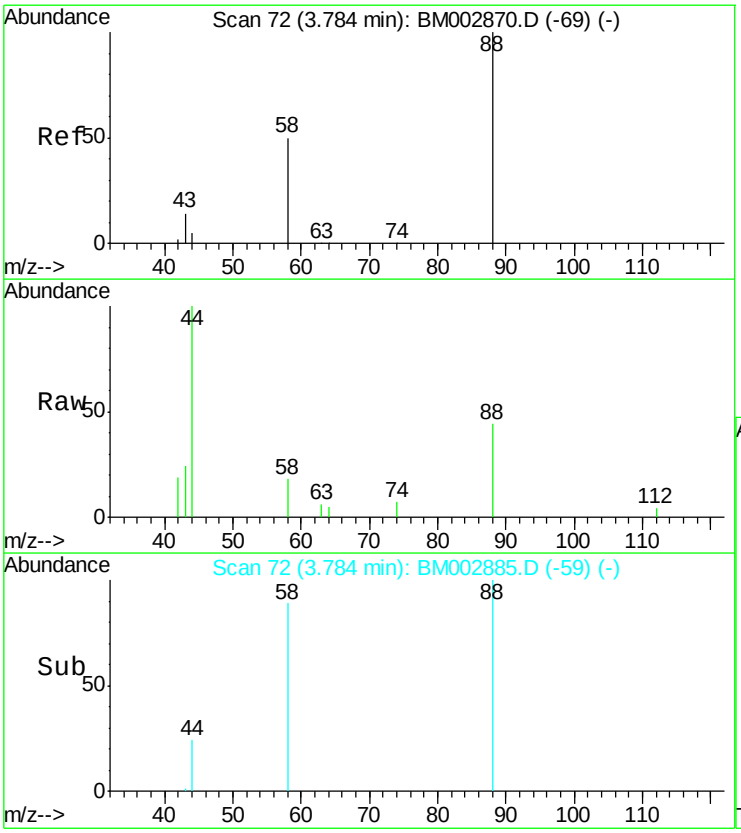
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.66 min Scan# 377
Delta R.T. -0.02 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 79129

Ion	Ratio	Lower	Upper
152	100		
150	171.4	113.0	169.6#
115	67.1	37.9	56.9#

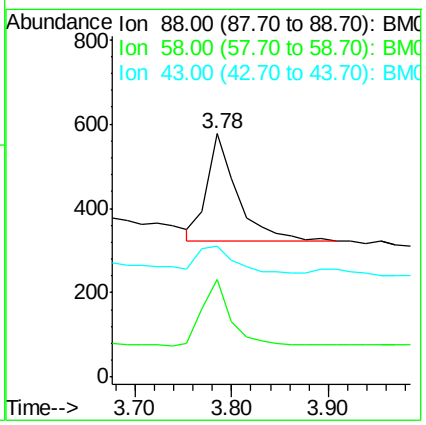


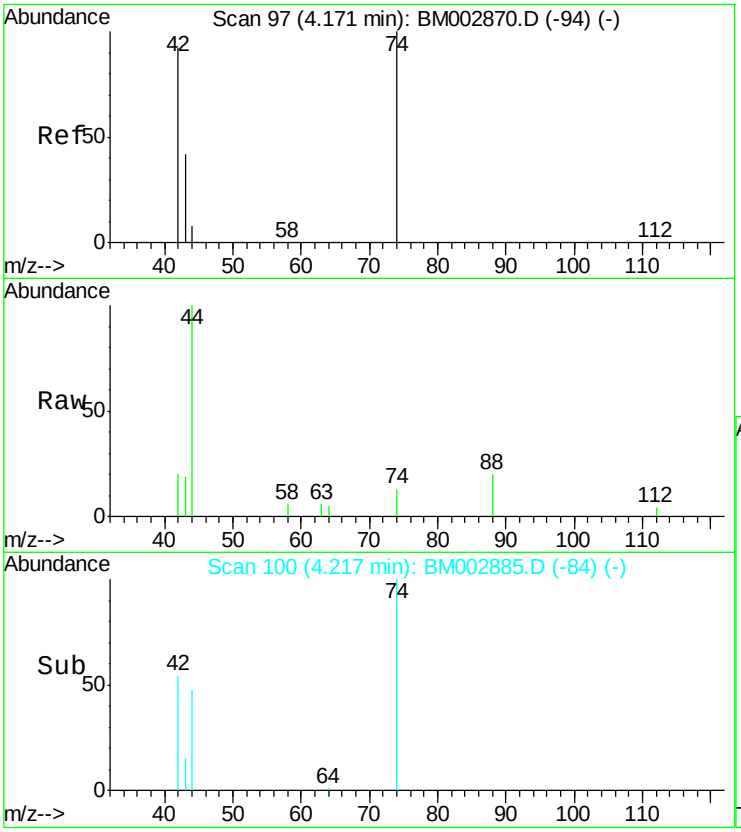


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.78 min Scan# 72
Delta R.T. 0.00 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Tgt Ion: 88 Resp: 555

Ion	Ratio	Lower	Upper
88	100		
58	56.6	56.7	85.1#
43	33.3	22.0	33.0#



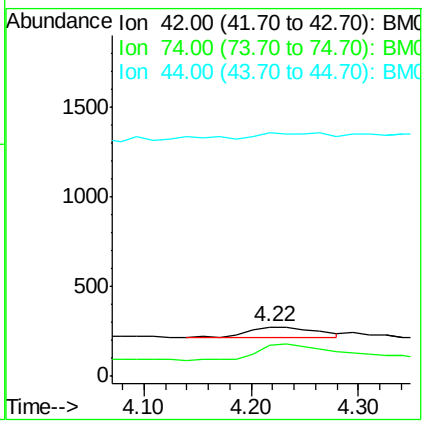


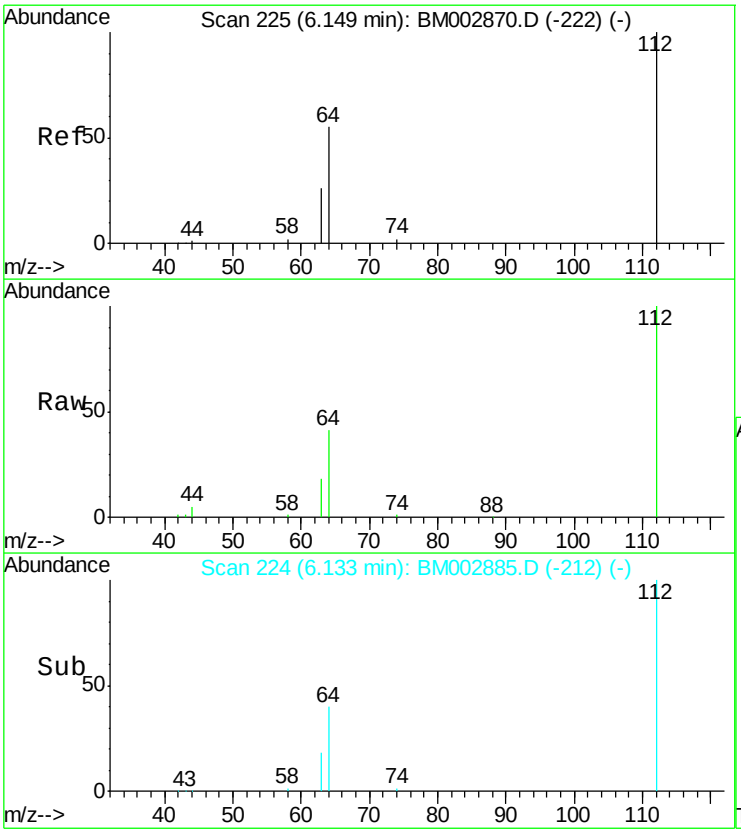
#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 4.22 min Scan# 100
Delta R.T. 0.05 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 42 Resp: 268

Ion	Ratio	Lower	Upper
42	100		
74	150.7	119.7	179.5
44	0.0	9.8	14.6#

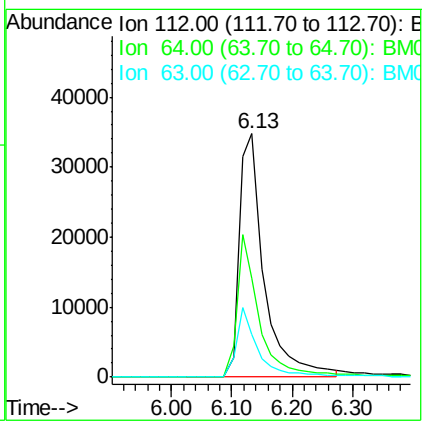


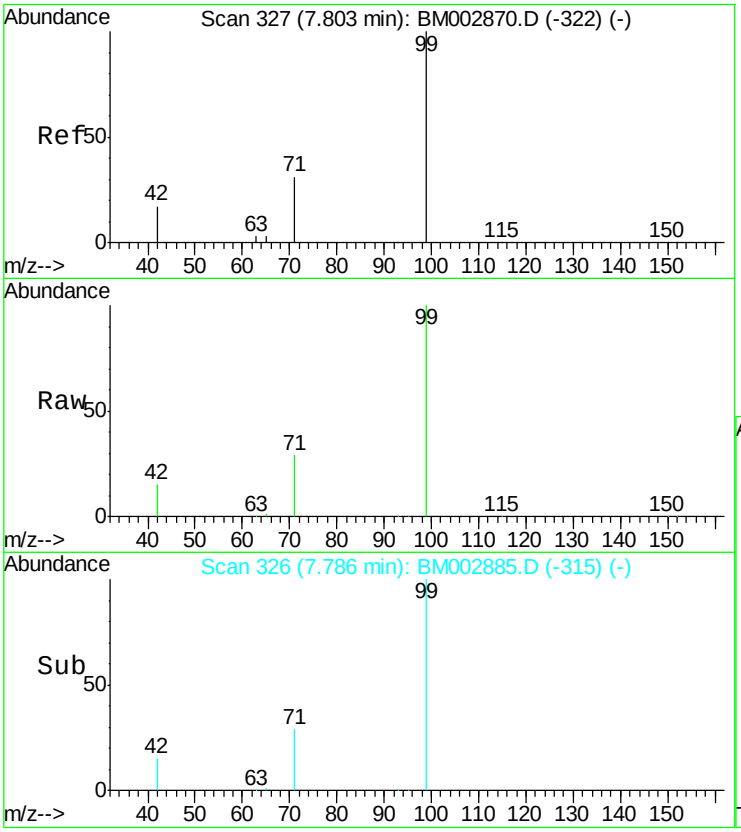


#4
2-Fluorophenol
Concen: 5.81 ng
RT: 6.13 min Scan# 224
Delta R.T. -0.02 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Tgt Ion:112 Resp: 98232

Ion	Ratio	Lower	Upper
112	100		
64	51.6	42.0	63.0
63	24.5	20.0	30.0



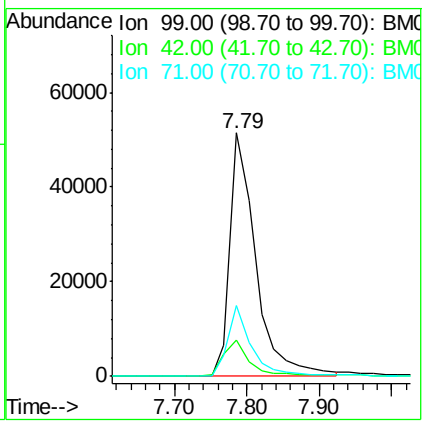


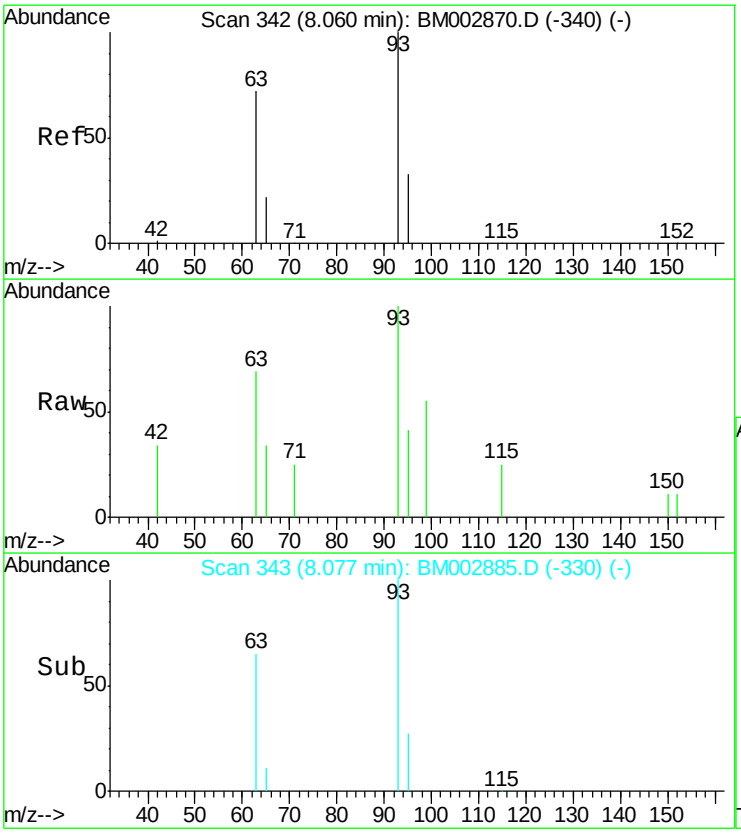
#5
Phenol-d6
Concen: 6.03 ng
RT: 7.79 min Scan# 326
Delta R.T. -0.02 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 125994

Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.4	18.6
71	26.5	21.4	32.0

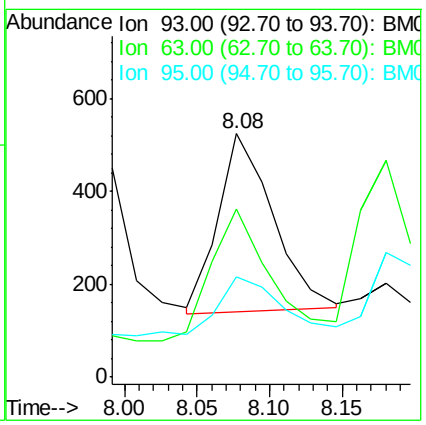


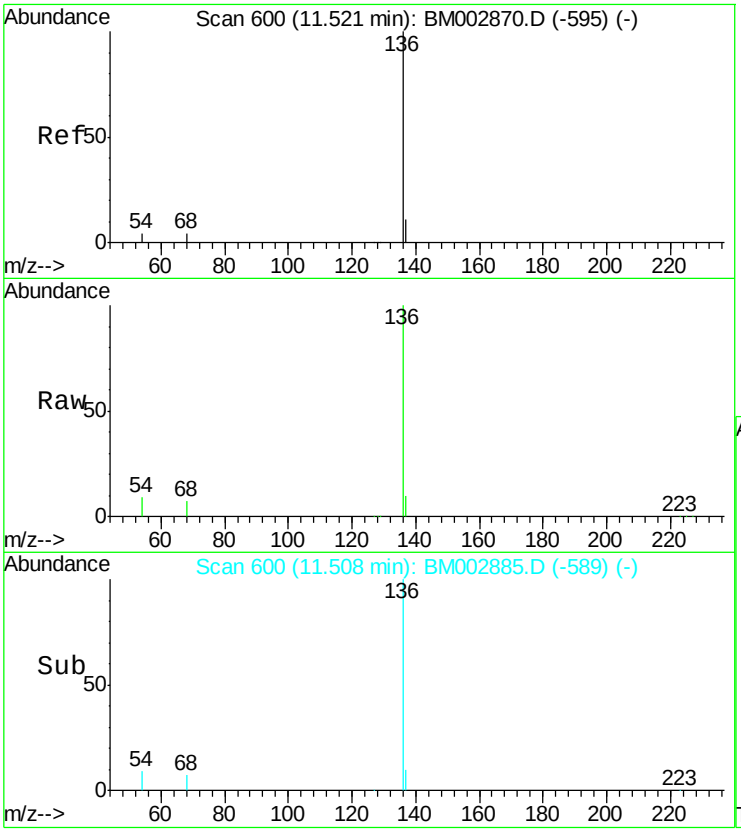


#6
bis(2-Chloroethyl)ether
Concen: 0.05 ng
RT: 8.08 min Scan# 343
Delta R.T. 0.02 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Tgt Ion: 93 Resp: 1017

Ion	Ratio	Lower	Upper
93	100		
63	81.6	52.9	79.3#
95	38.2	25.2	37.8#



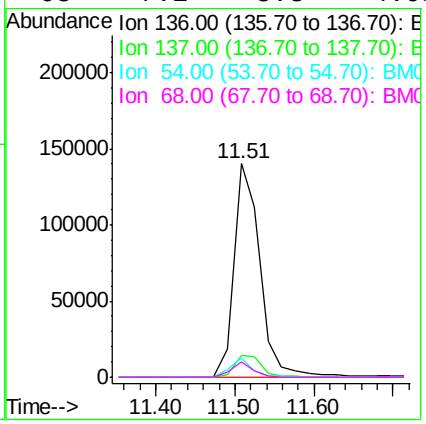


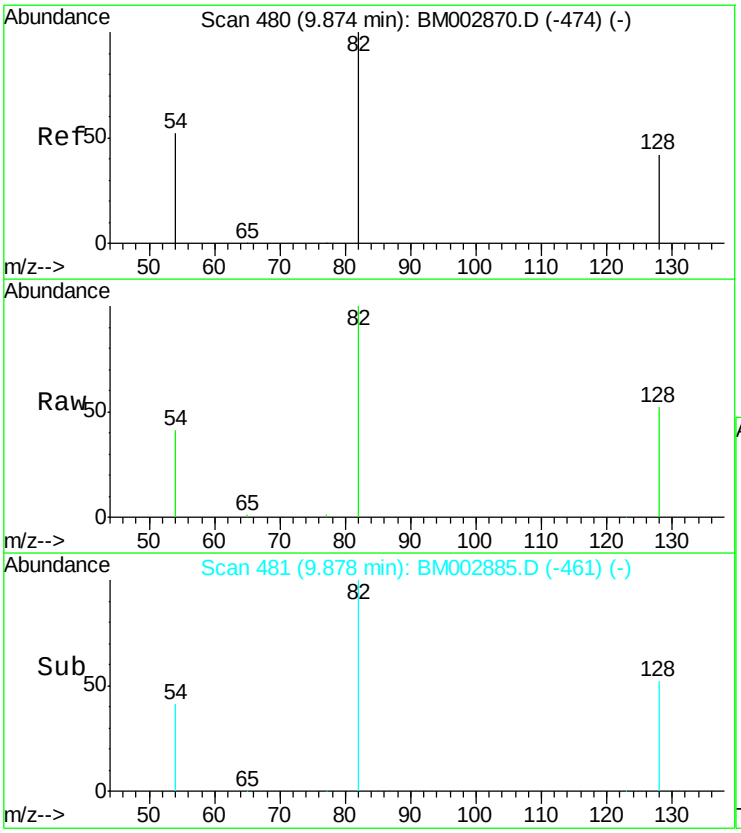
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 11.51 min Scan# 600
Delta R.T. -0.01 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 318824

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.1	13.7
54	8.8	3.5	5.3#
68	7.2	3.3	4.9#

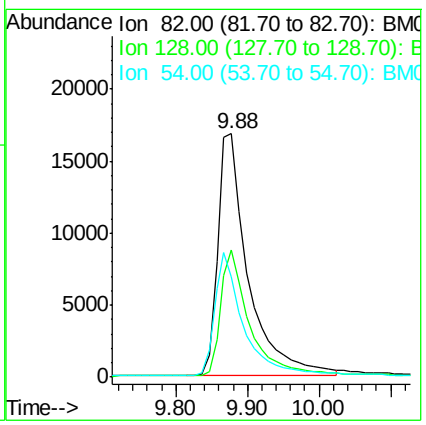


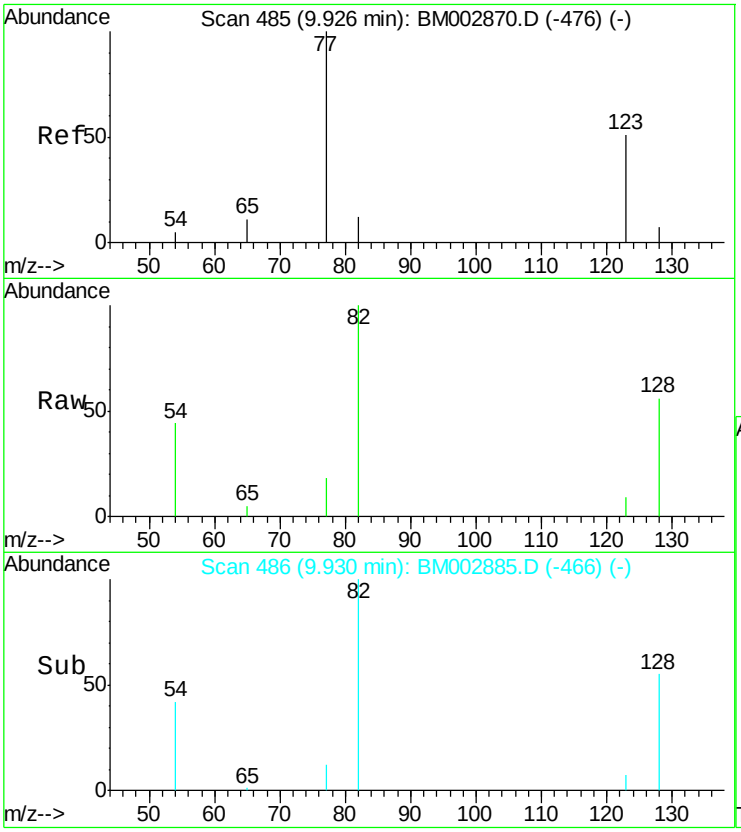


#8
Nitrobenzene-d5
Concen: 3.12 ng
RT: 9.88 min Scan# 481
Delta R.T. 0.00 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Tgt Ion: 82 Resp: 49976

Ion	Ratio	Lower	Upper
82	100		
128	52.0	34.1	51.1#
54	41.1	42.6	63.8#



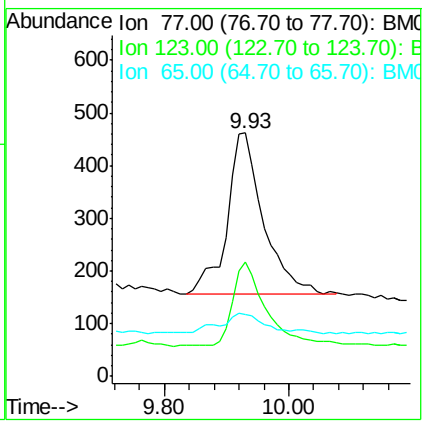


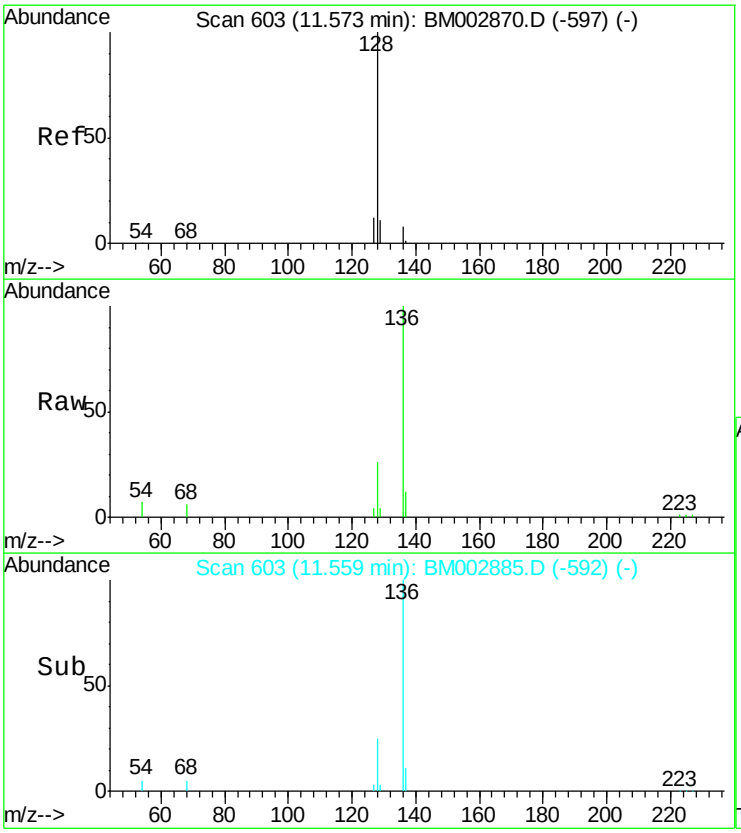
#9
Nitrobenzene
Concen: 0.07 ng
RT: 9.93 min Scan# 486
Delta R.T. 0.00 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 1266

Ion	Ratio	Lower	Upper
77	100		
123	47.0	41.0	61.4
65	12.8	9.7	14.5

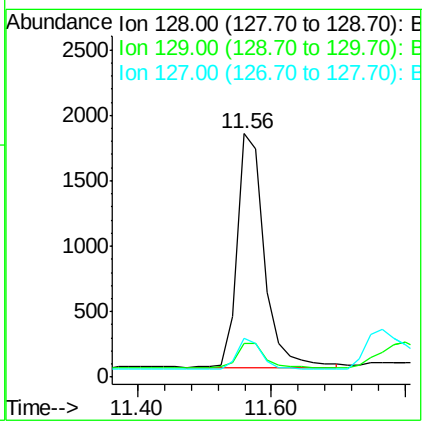


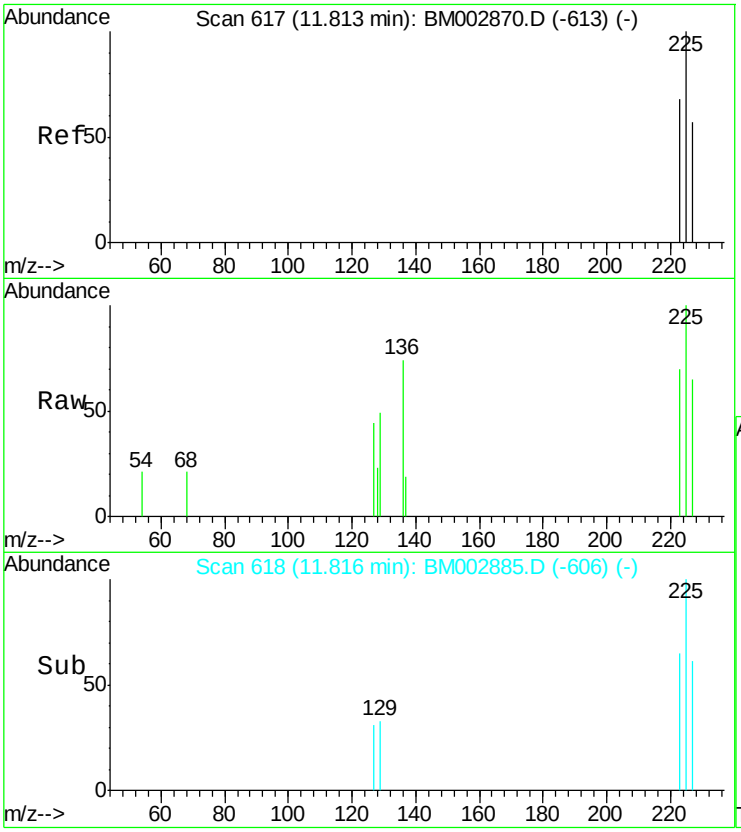


#10
Naphthalene
Concen: 0.07 ng
RT: 11.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Tgt Ion:128 Resp: 4967

Ion	Ratio	Lower	Upper
128	100		
129	13.8	9.4	14.2
127	15.9	9.6	14.4#



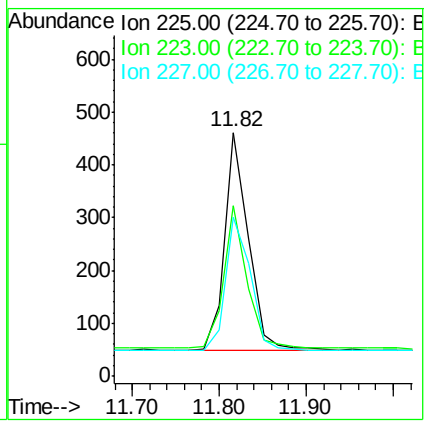


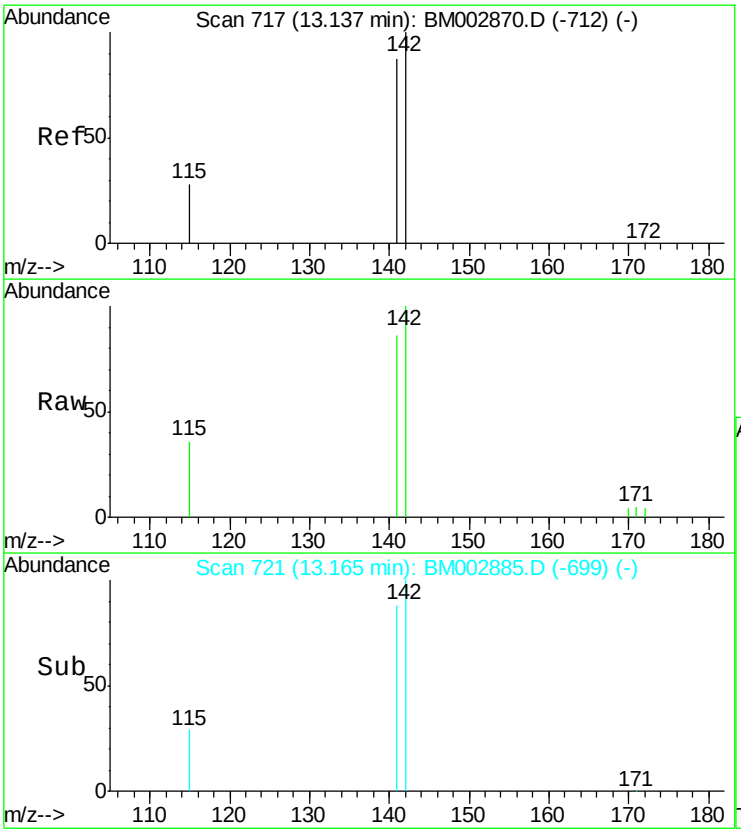
#11
Hexachlorobutadiene
Concen: 0.07 ng
RT: 11.82 min Scan# 618
Delta R.T. 0.00 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:225 Resp: 773

Ion	Ratio	Lower	Upper
225	100		
223	65.1	50.1	75.1
227	65.6	51.2	76.8

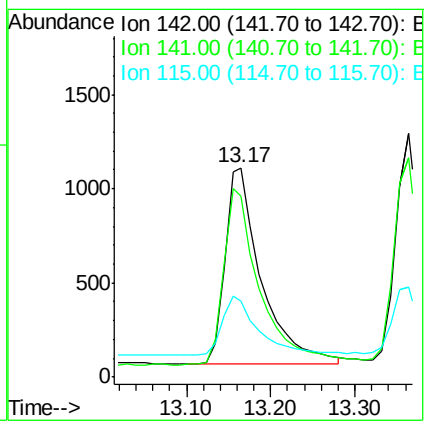


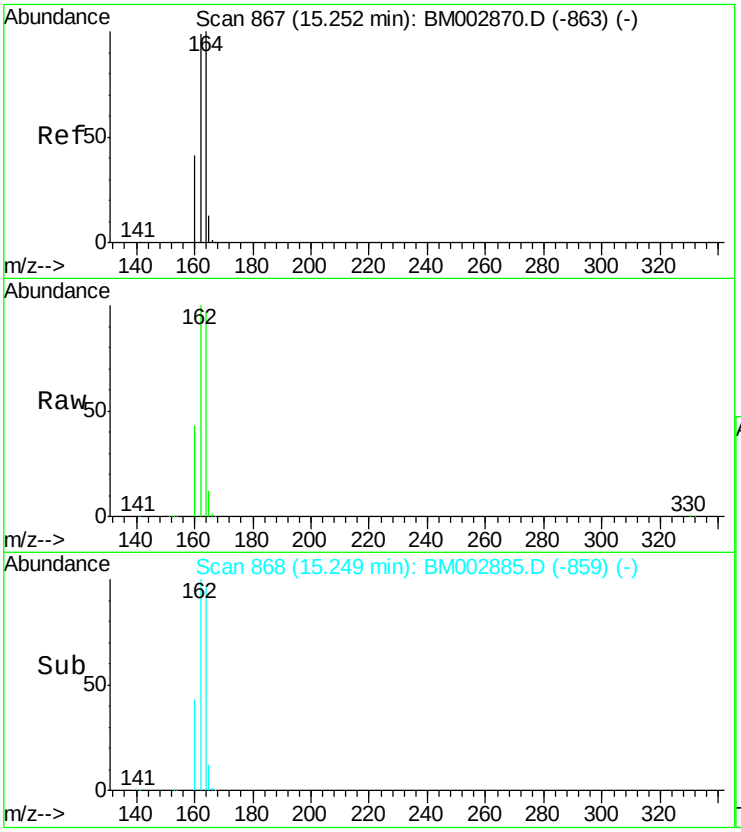


#12
2-Methylnaphthalene
Concen: 0.07 ng
RT: 13.17 min Scan# 721
Delta R.T. 0.03 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Tgt Ion:142 Resp: 3148

Ion	Ratio	Lower	Upper
142	100		
141	86.2	69.4	104.0
115	36.1	22.7	34.1#



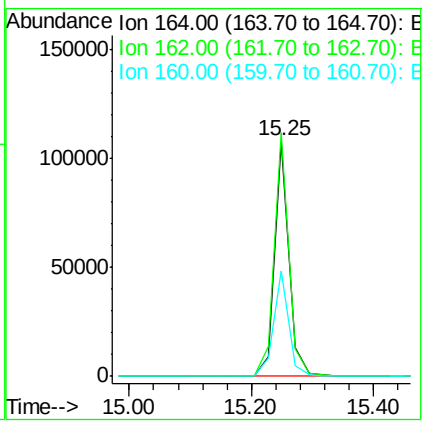


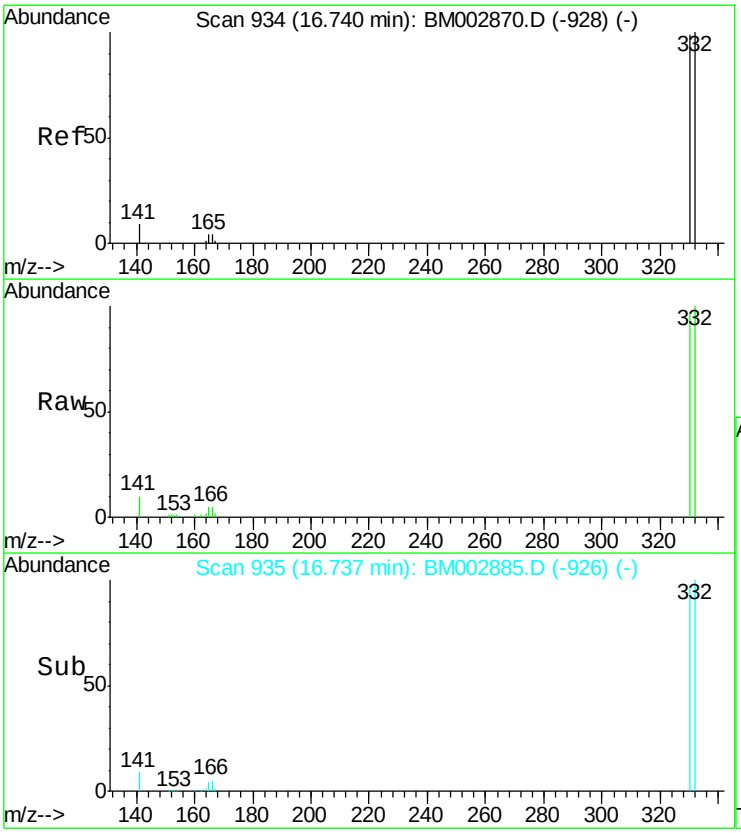
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 15.25 min Scan# 868
Delta R.T. -0.00 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 175904

Ion	Ratio	Lower	Upper
164	100		
162	103.6	79.6	119.4
160	44.9	33.1	49.7

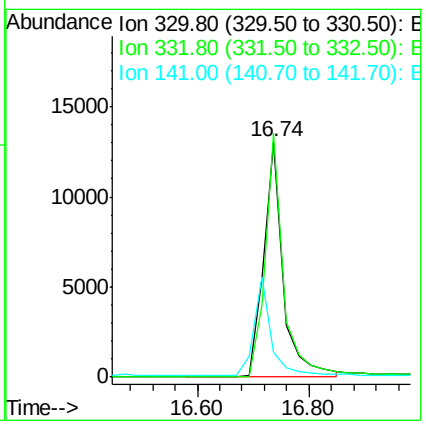


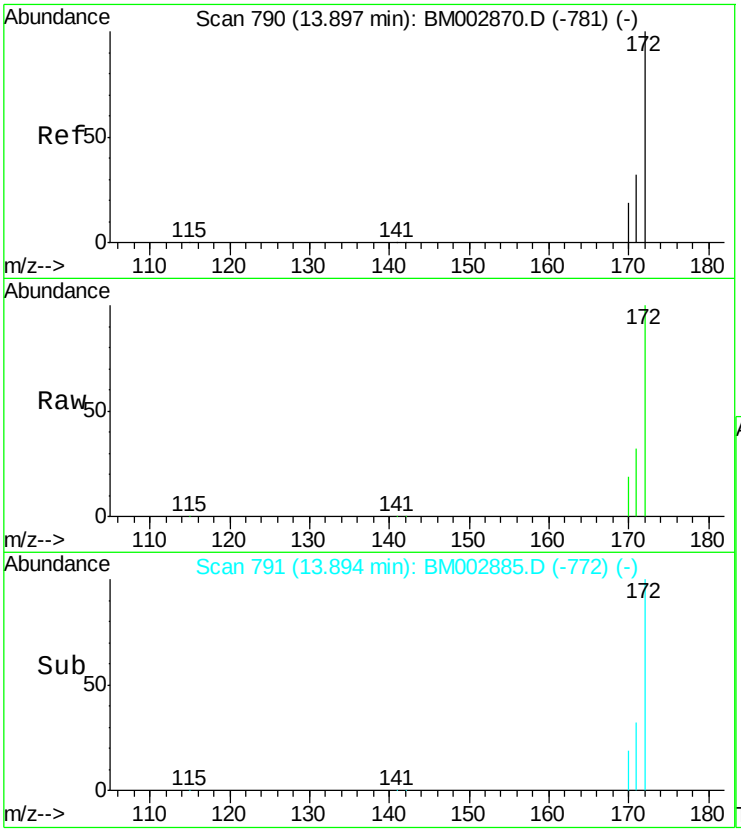


#14
2,4,6-Tribromophenol
Concen: 5.44 ng
RT: 16.74 min Scan# 935
Delta R.T. -0.00 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Tgt Ion:330 Resp: 31664

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	0.0	0.0	0.0



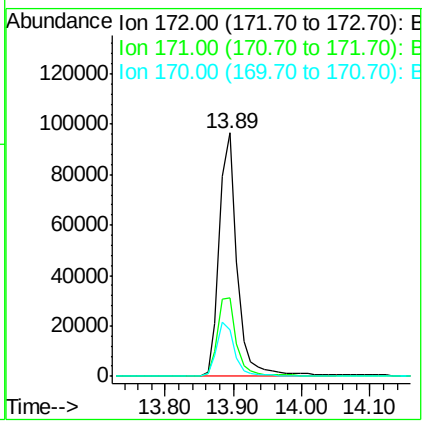


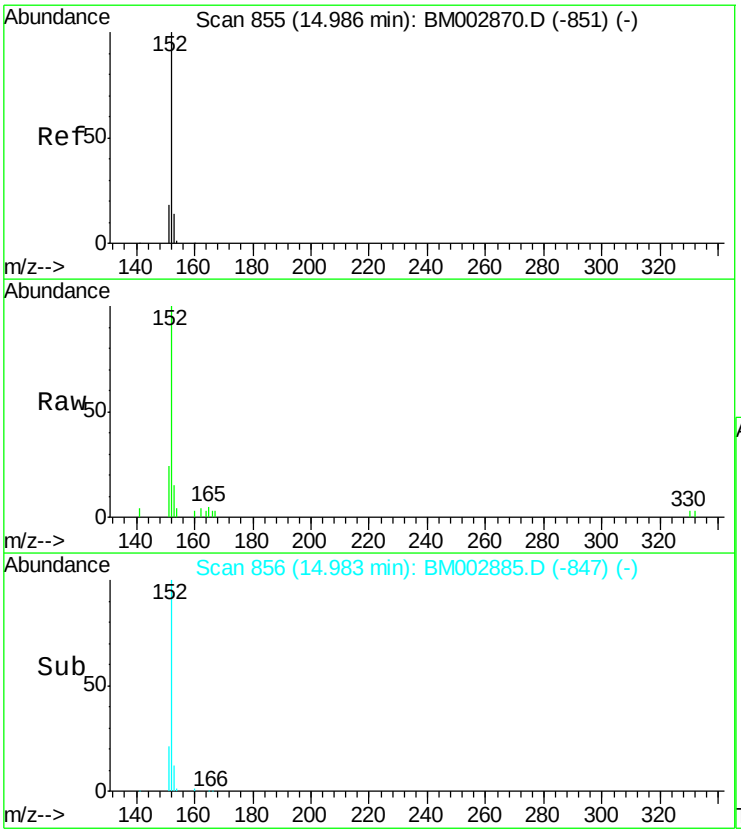
#15
2-Fluorobiphenyl
Concen: 3.29 ng
RT: 13.89 min Scan# 791
Delta R.T. -0.00 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 175485

Ion	Ratio	Lower	Upper
172	100		
171	32.0	26.1	39.1
170	19.2	15.7	23.5

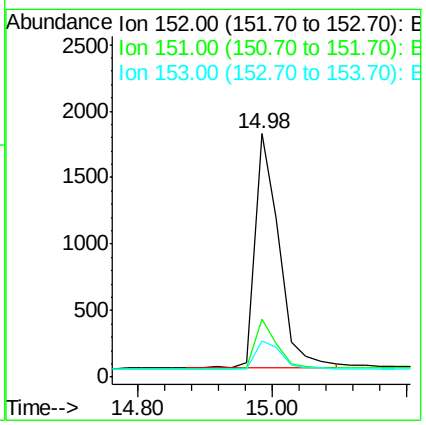


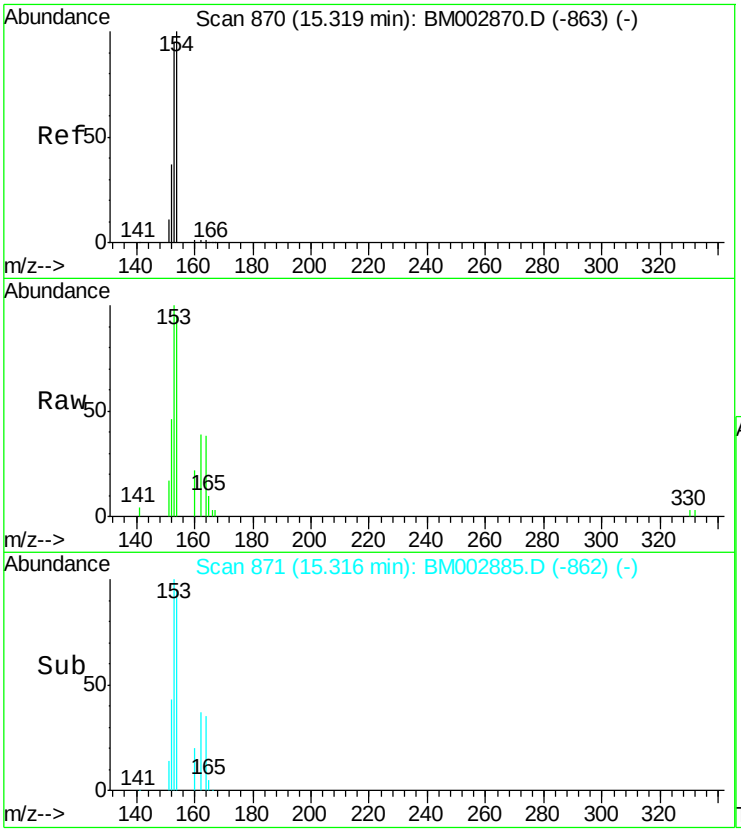


#16
Acenaphthylene
Concen: 0.06 ng
RT: 14.98 min Scan# 856
Delta R.T. -0.00 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Tgt Ion:152 Resp: 4440

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.3	22.9
153	13.1	10.5	15.7



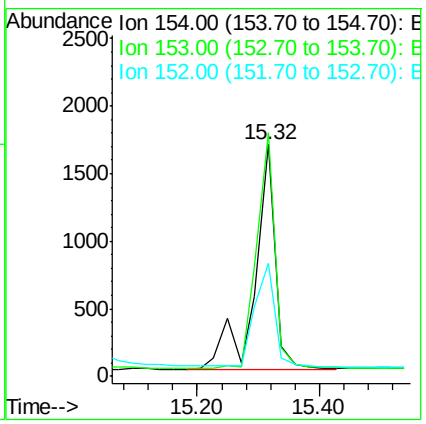


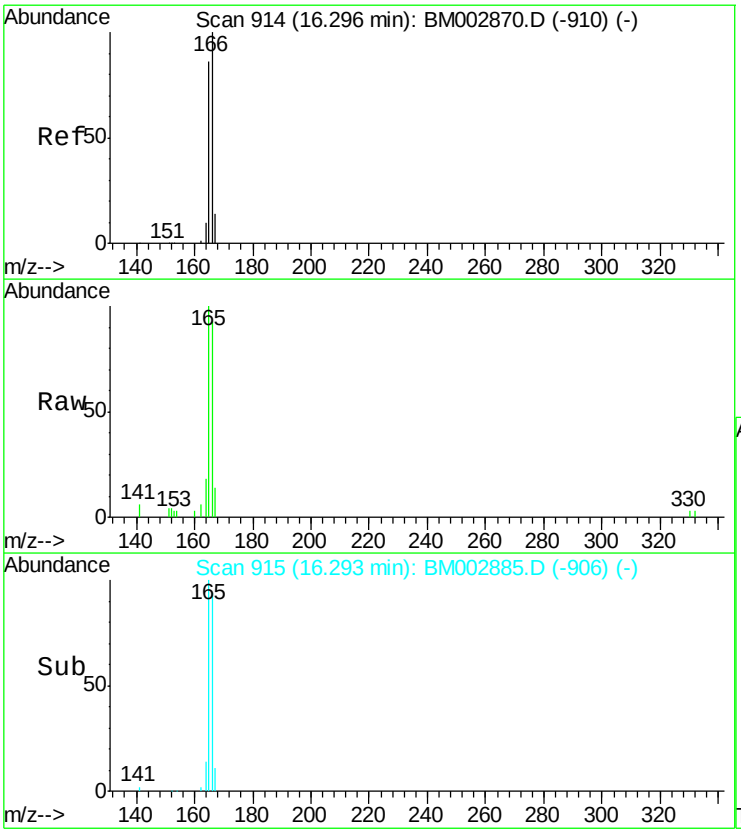
#17
Acenaphthene
Concen: 0.08 ng
RT: 15.32 min Scan# 871
Delta R.T. -0.00 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 3899

Ion	Ratio	Lower	Upper
154	100		
153	93.6	0.0	0.0#
152	44.4	0.0	0.0#

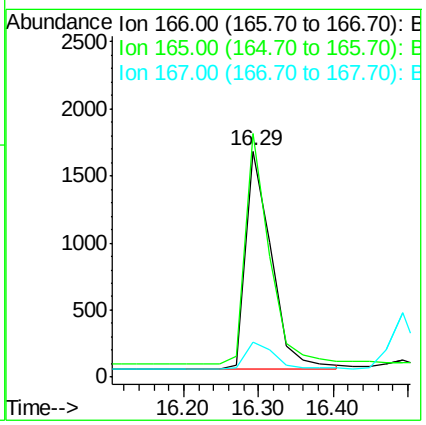


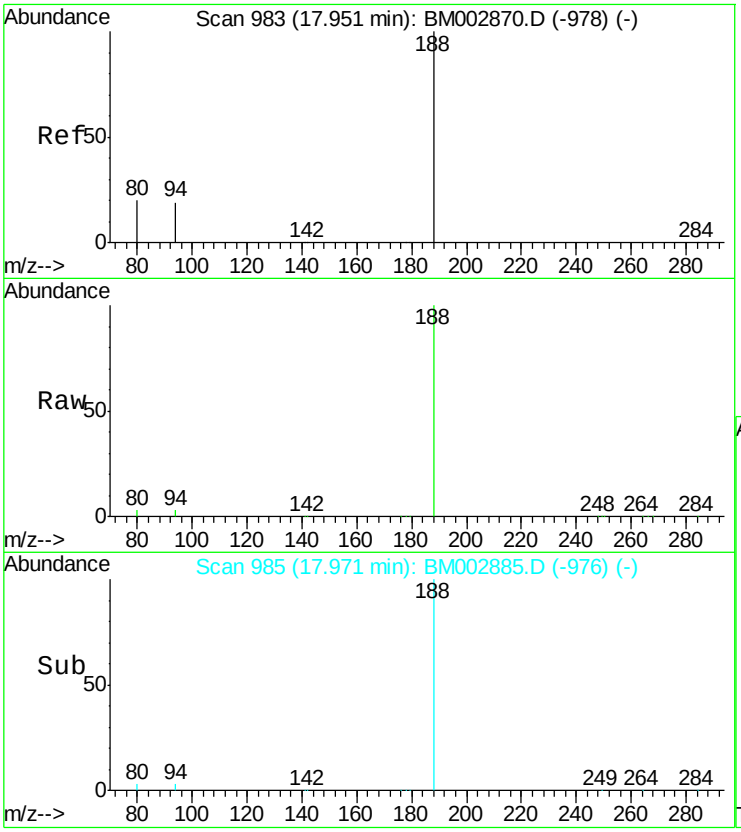


#18
Fluorene
Concen: 0.07 ng
RT: 16.29 min Scan# 915
Delta R.T. -0.00 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Tgt Ion:166 Resp: 3877

Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.3	115.9
167	13.3	10.9	16.3



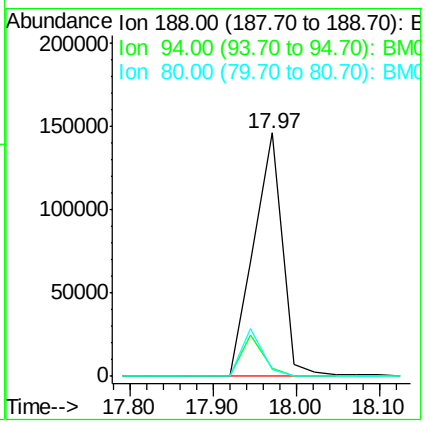


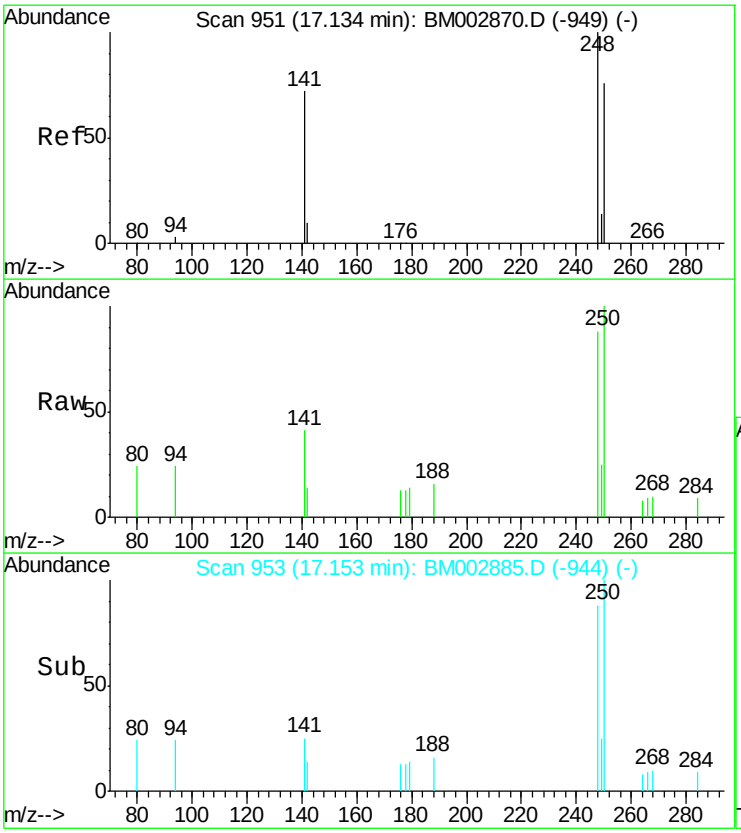
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.97 min Scan# 985
Delta R.T. 0.02 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 346359

Ion	Ratio	Lower	Upper
188	100		
94	3.4	15.2	22.8#
80	2.9	15.9	23.9#

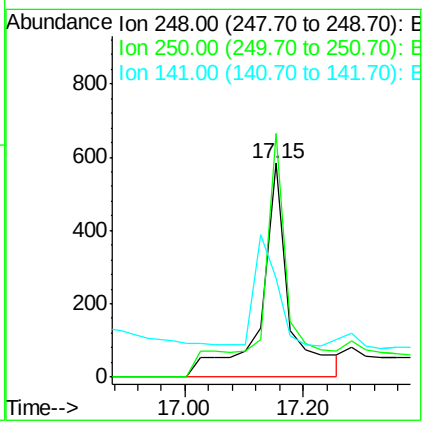


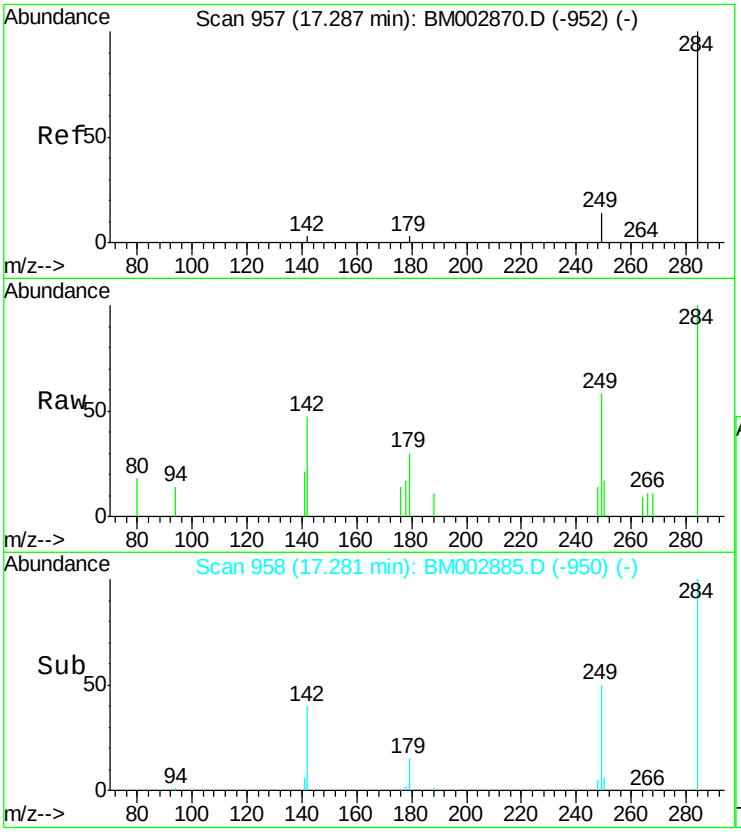


#20
4-Bromophenyl-phenylether
Concen: 0.12 ng
RT: 17.15 min Scan# 953
Delta R.T. 0.02 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Tgt Ion:248 Resp: 1925

Ion	Ratio	Lower	Upper
248	100		
250	112.4	71.4	107.2#
141	0.0	54.6	82.0#



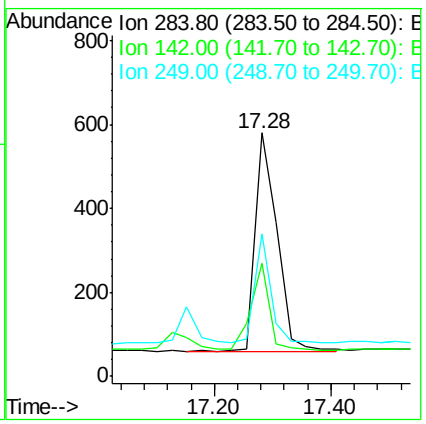


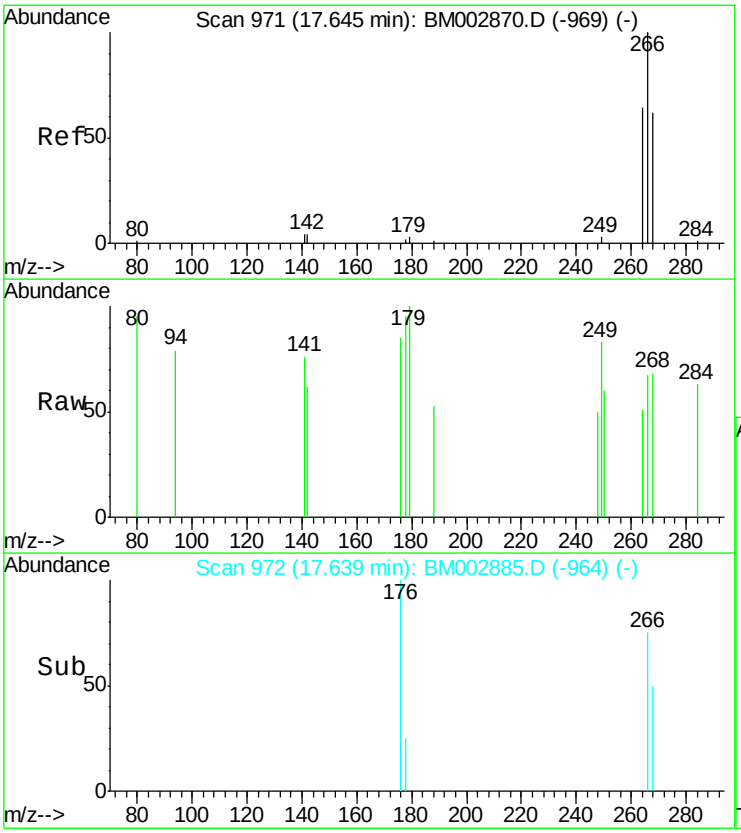
#21
Hexachlorobenzene
Concen: 0.07 ng
RT: 17.28 min Scan# 958
Delta R.T. -0.01 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 1360

Ion	Ratio	Lower	Upper
284	100		
142	33.2	0.0	0.0#
249	35.7	20.7	31.1#

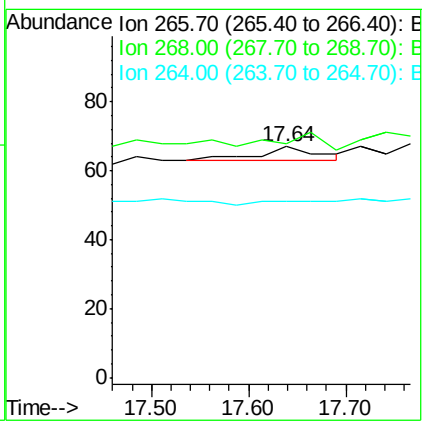


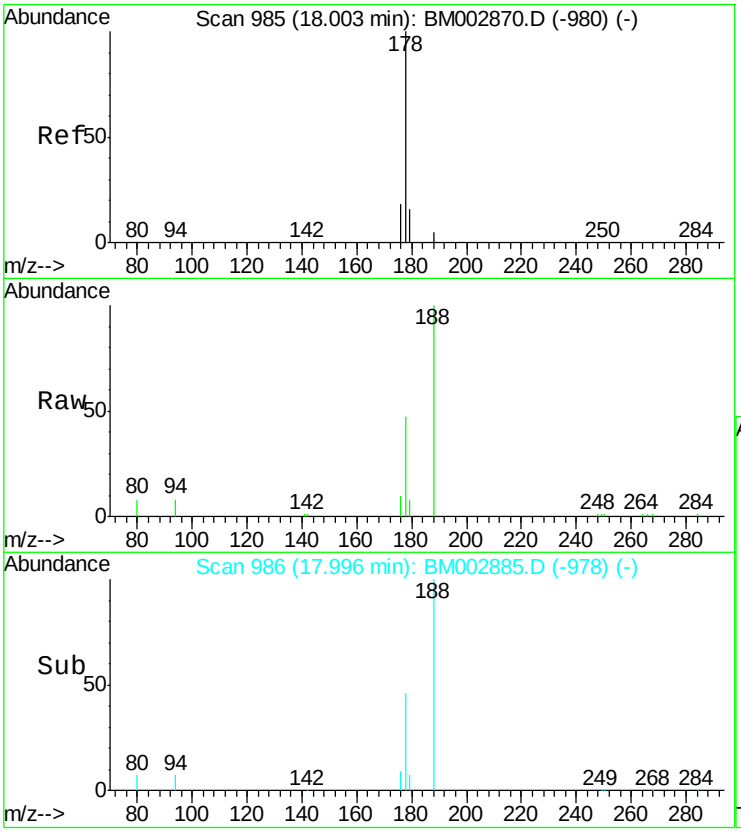


#22
Pentachlorophenol
Concen: 0.04 ng
RT: 17.64 min Scan# 972
Delta R.T. -0.01 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Tgt Ion:266 Resp: 17

Ion	Ratio	Lower	Upper
266	100		
268	101.5	58.3	87.5#
264	76.1	54.2	81.2



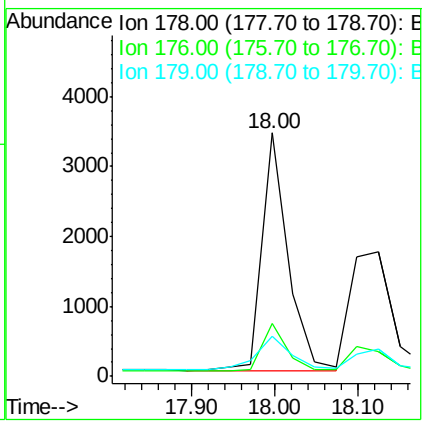


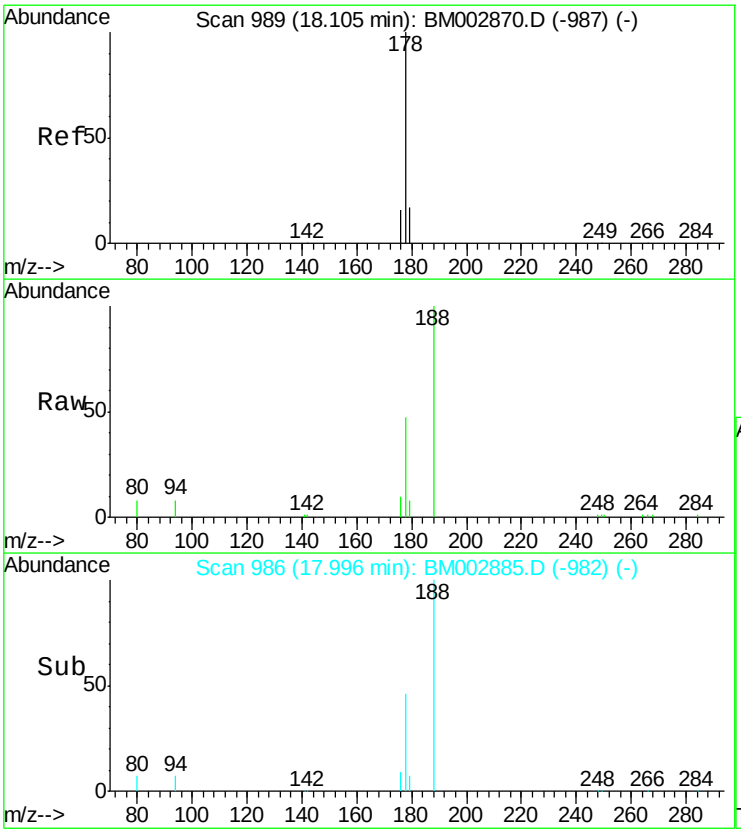
#23
Phenanthrene
Concen: 0.07 ng
RT: 18.00 min Scan# 986
Delta R.T. -0.01 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 7318

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	21.8
179	18.5	12.5	18.7

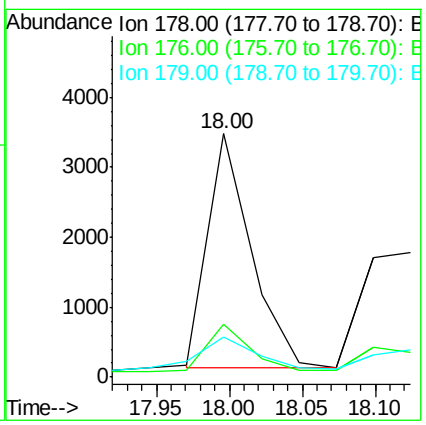


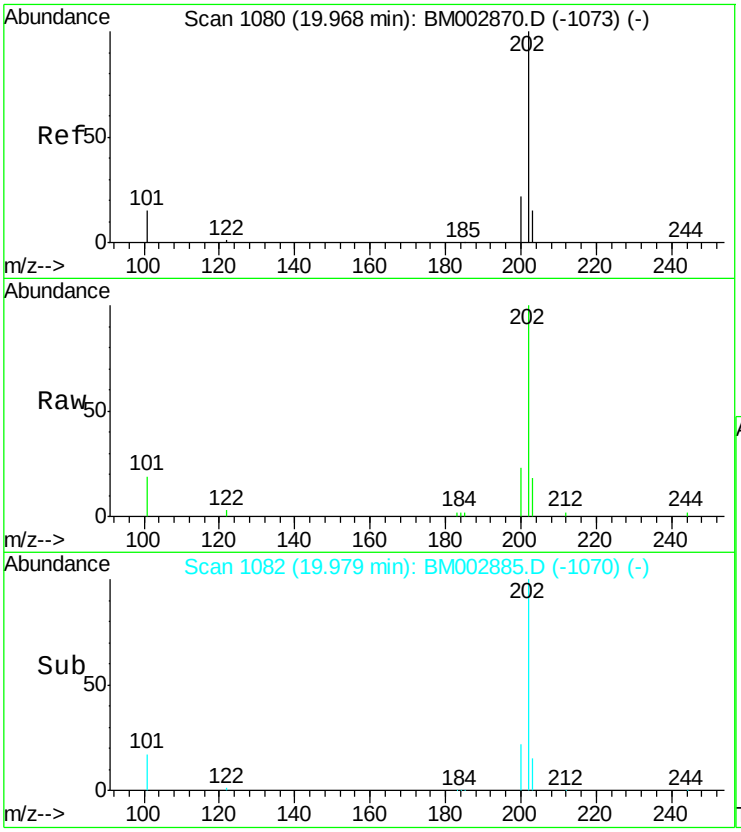


#24
Anthracene
Concen: 0.08 ng
RT: 18.00 min Scan# 986
Delta R.T. -0.11 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Tgt Ion:178 Resp: 6815

Ion	Ratio	Lower	Upper
178	100		
176	18.9	13.9	20.9
179	15.1	12.6	18.8



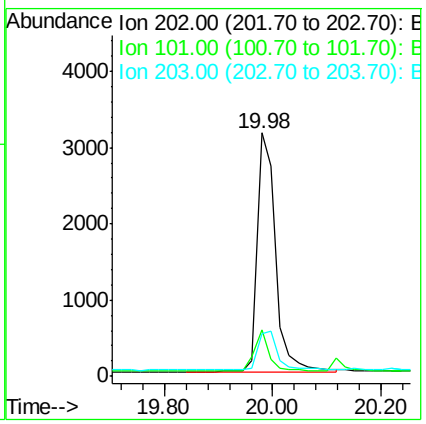


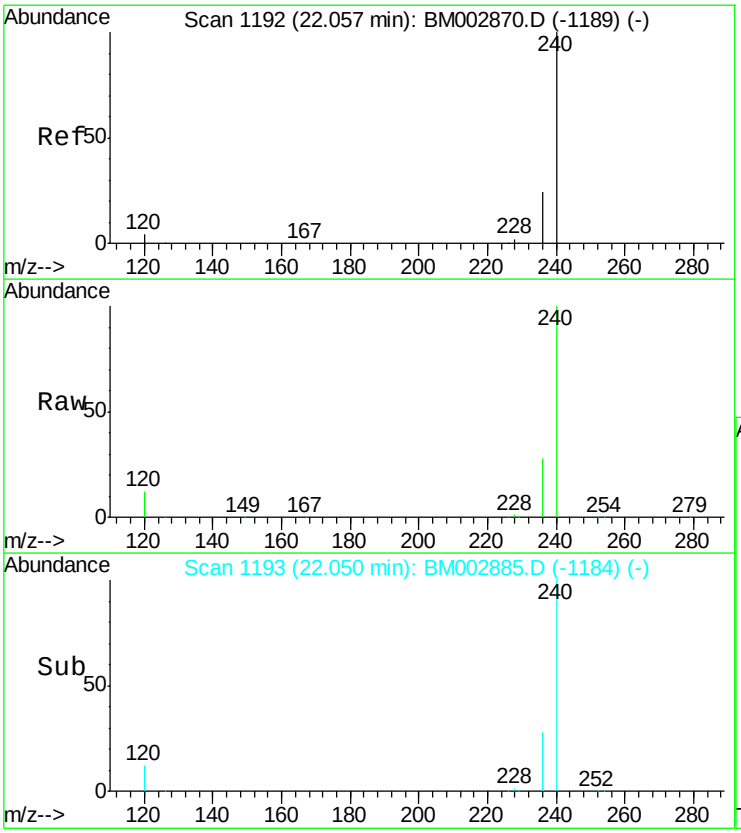
#25
Fluoranthene
Concen: 0.06 ng
RT: 19.98 min Scan# 1082
Delta R.T. 0.01 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 7293

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.0	16.6
203	18.9	13.8	20.6

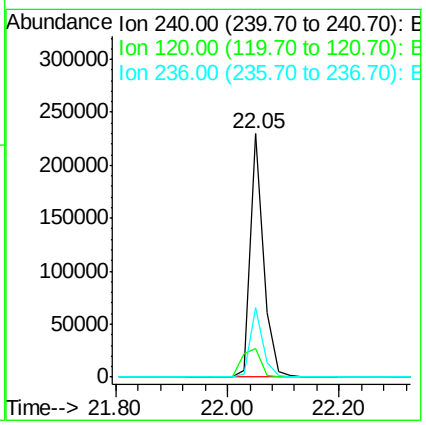


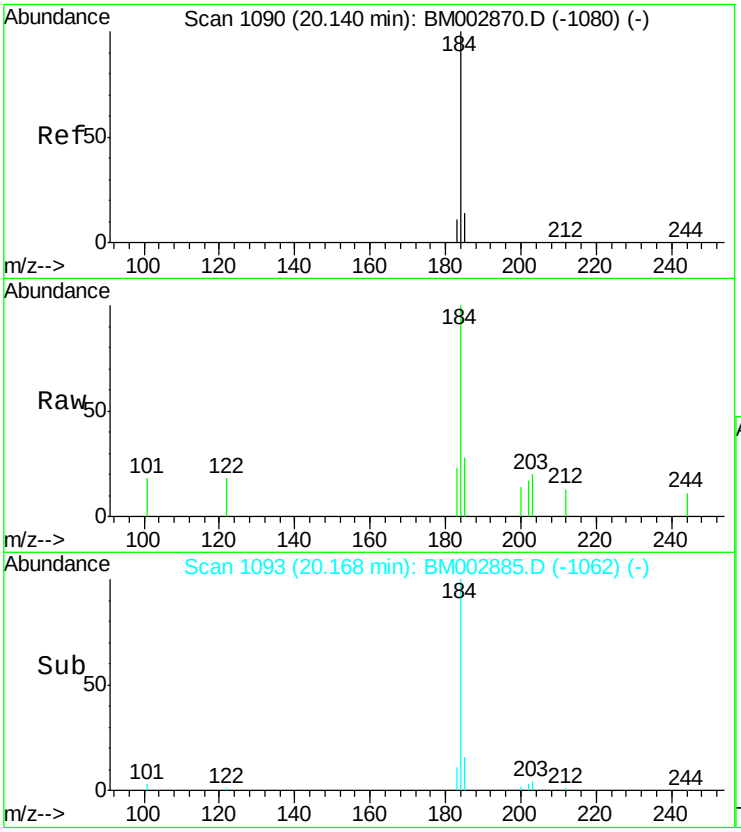


#26
Chrysene-d12
Concen: 5.00 ng
RT: 22.05 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Tgt Ion:240 Resp: 375681

Ion	Ratio	Lower	Upper
240	100		
120	11.9	3.3	4.9#
236	28.4	19.5	29.3



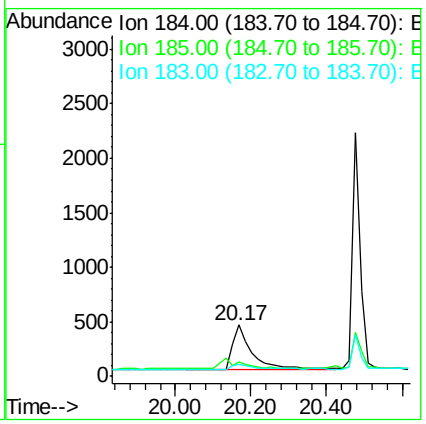


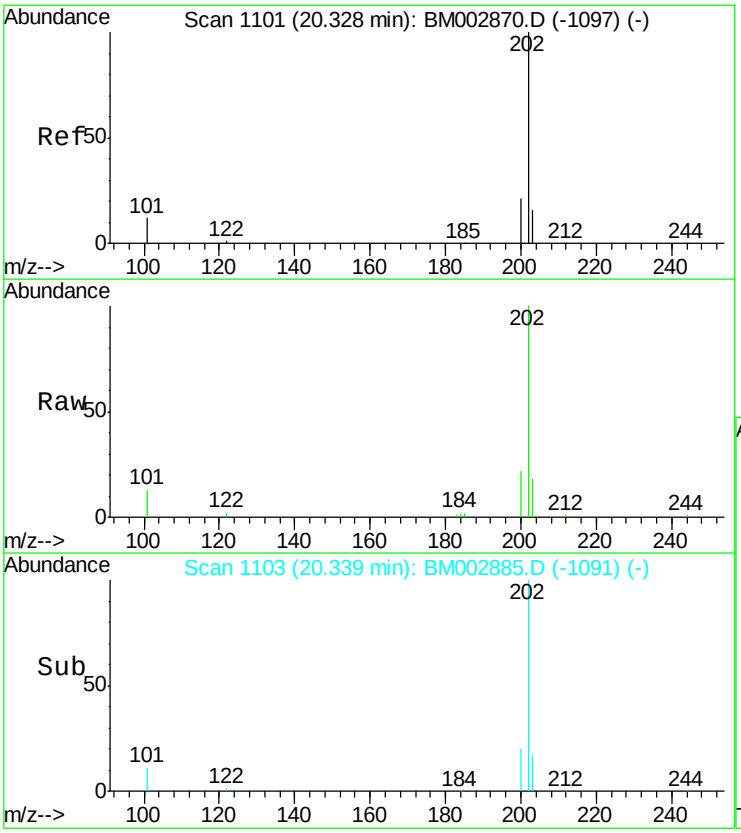
#27
Benzidine
Concen: 0.20 ng
RT: 20.17 min Scan# 1093
Delta R.T. 0.03 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 1545

Ion	Ratio	Lower	Upper
184	100		
185	28.4	12.0	18.0#
183	23.3	8.9	13.3#

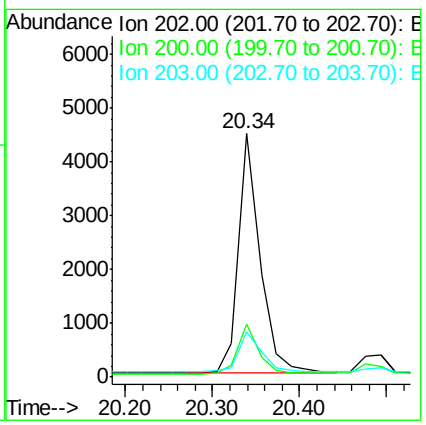


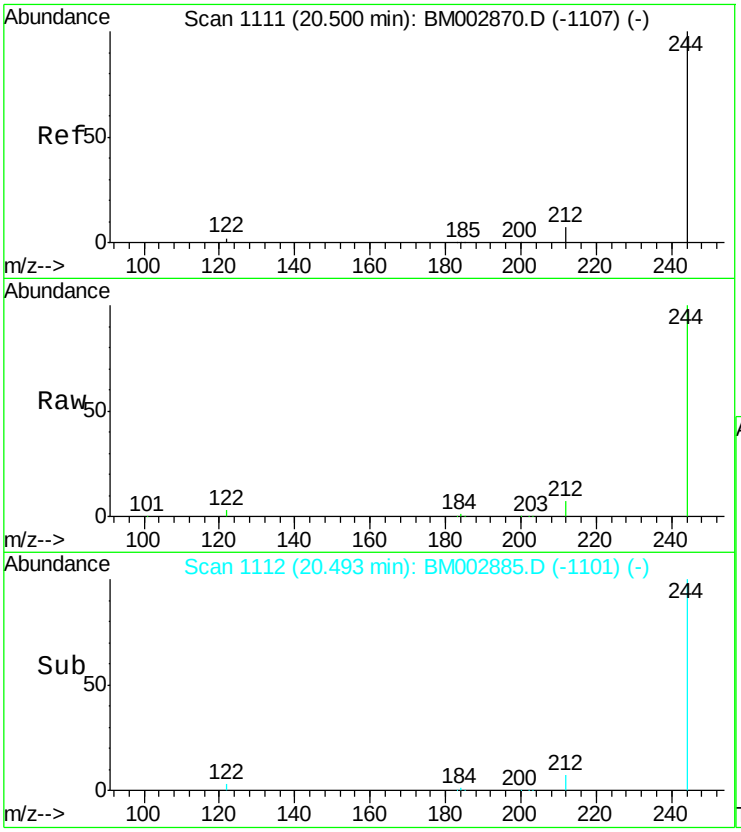


#28
Pyrene
Concen: 0.08 ng
RT: 20.34 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Tgt Ion:202 Resp: 7672

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.2	24.4
203	18.8	13.8	20.8



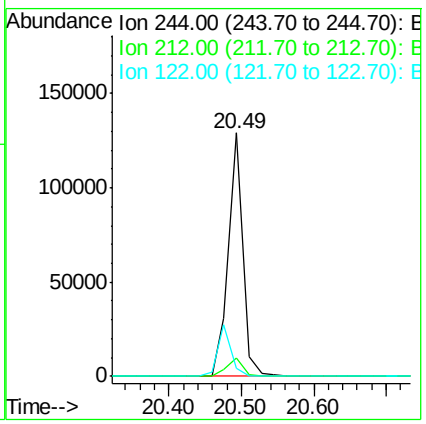


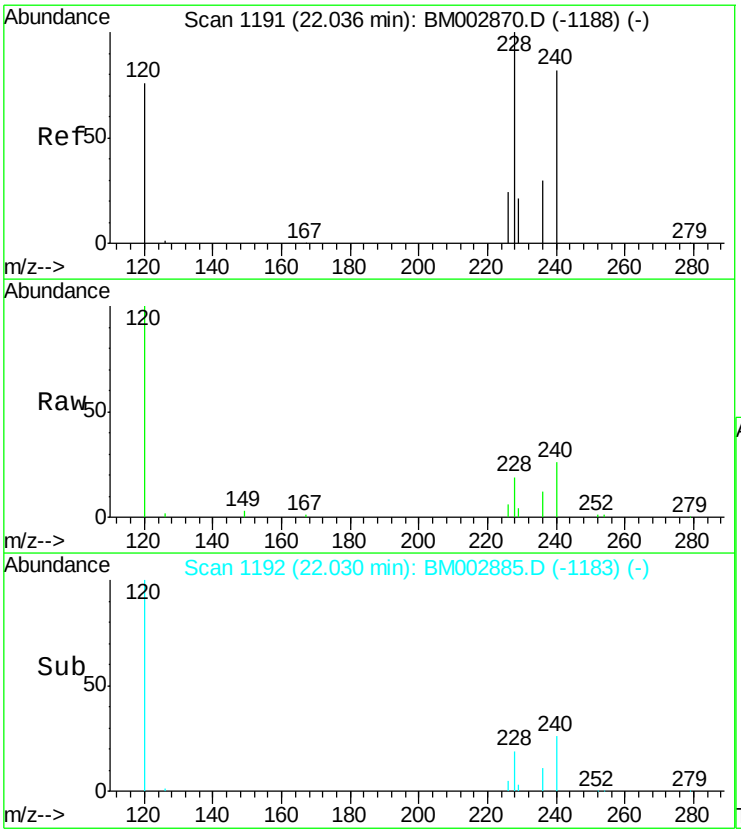
#29
Terphenyl-d14
Concen: 3.58 ng
RT: 20.49 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 179251

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.6	8.4
122	3.3	2.2	3.2#

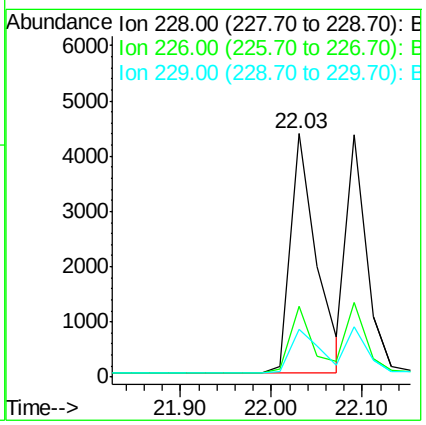


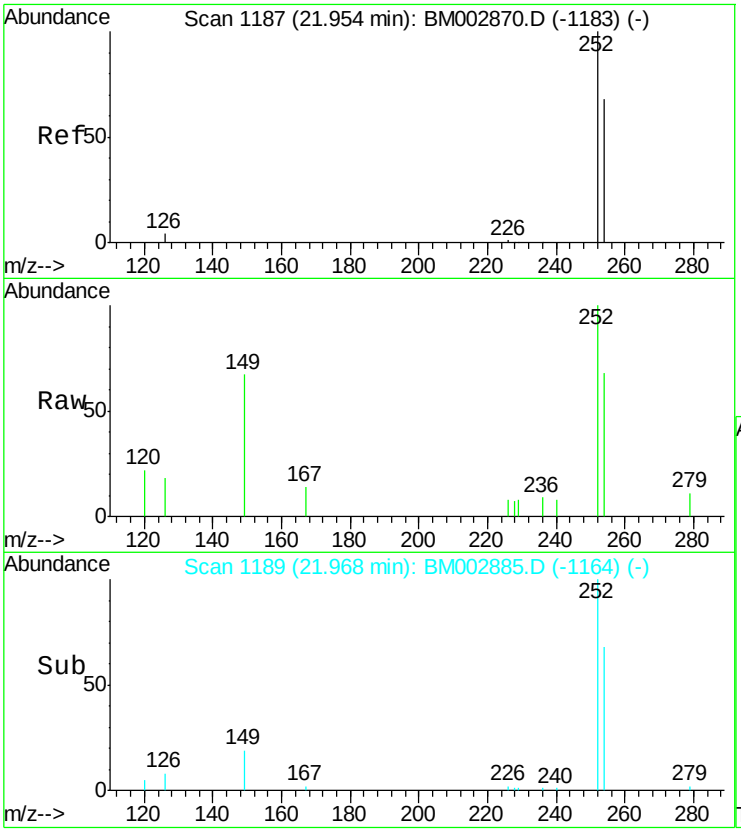


#30
Benzo(a)anthracene
Concen: 0.08 ng
RT: 22.03 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Tgt Ion:228 Resp: 8718

Ion	Ratio	Lower	Upper
228	100		
226	29.2	19.0	28.6#
229	19.6	16.8	25.2



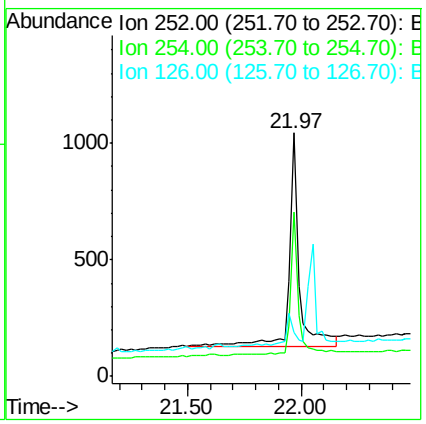


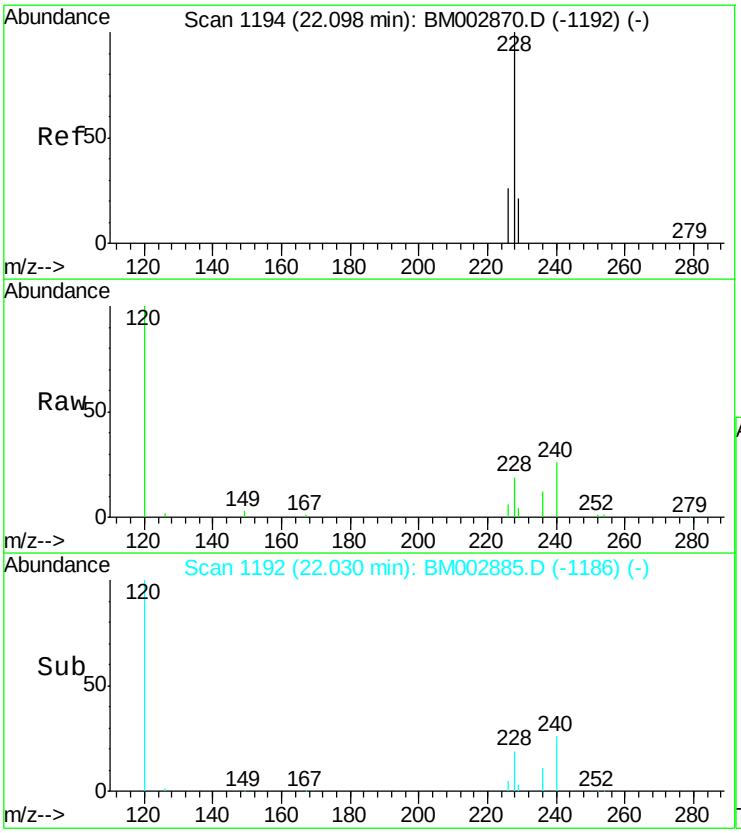
#31
3,3'-Dichlorobenzidine
Concen: 0.07 ng
RT: 21.97 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2700

Ion	Ratio	Lower	Upper
252	100		
254	67.6	54.1	81.1
126	18.2	4.1	6.1#

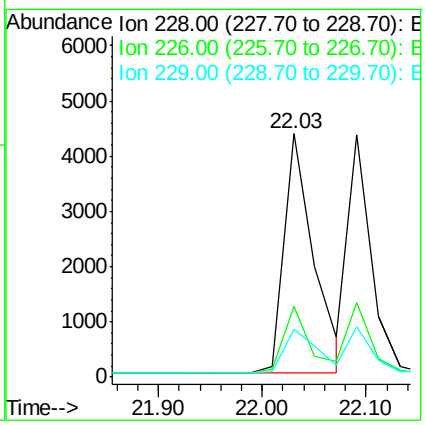


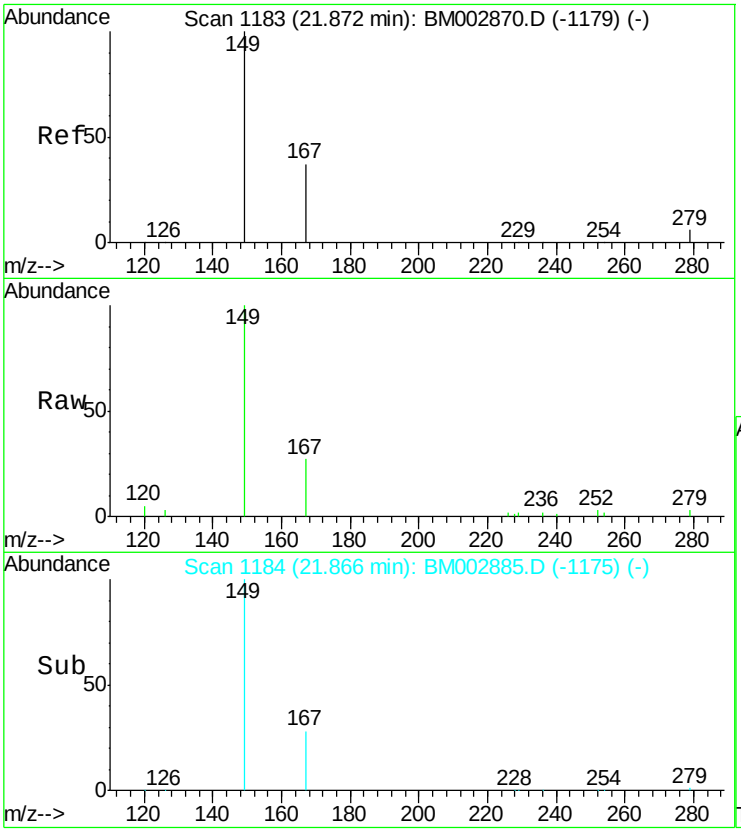


#32
Chrysene
Concen: 0.09 ng
RT: 22.03 min Scan# 1192
Delta R.T. -0.07 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Tgt Ion:228 Resp: 8699

Ion	Ratio	Lower	Upper
228	100		
226	29.2	20.6	30.8
229	19.6	17.4	26.2



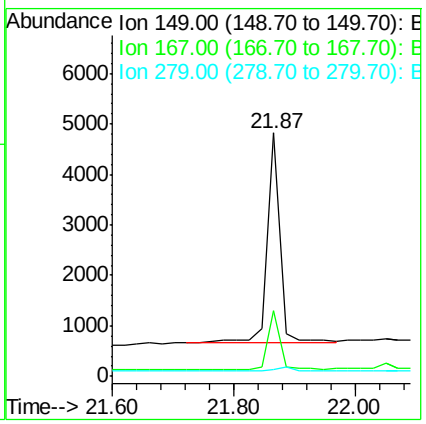


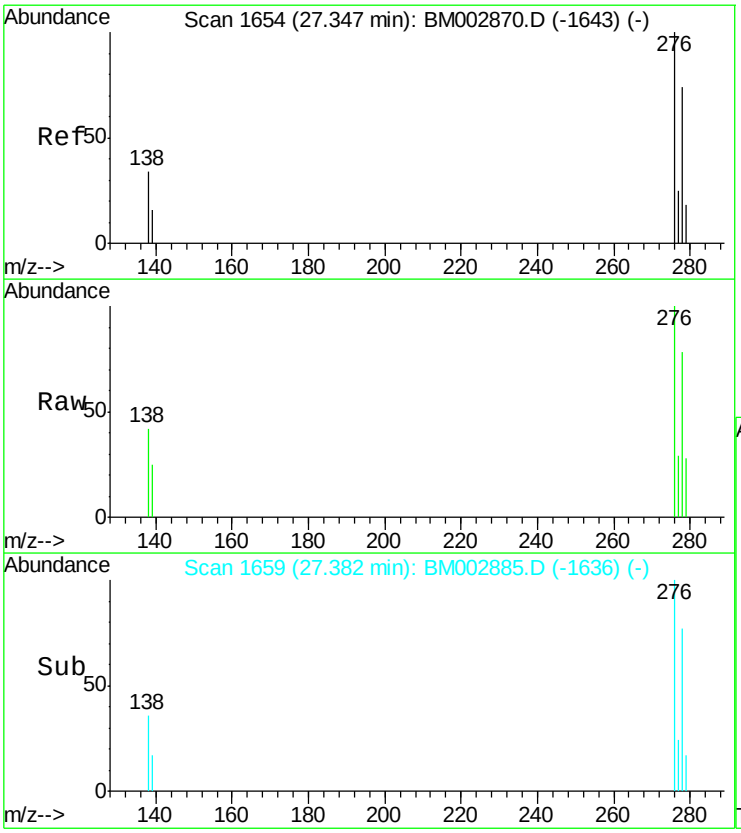
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.10 ng
RT: 21.87 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 6259

Ion	Ratio	Lower	Upper
149	100		
167	25.9	17.2	25.8#
279	0.0	2.2	3.4#

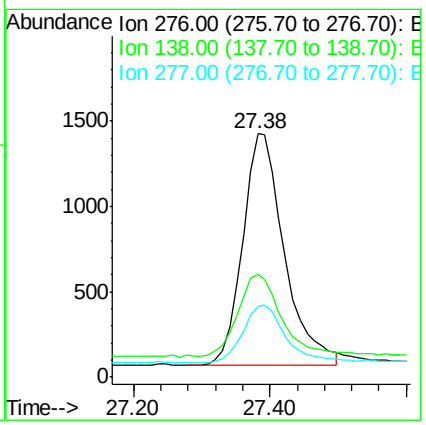


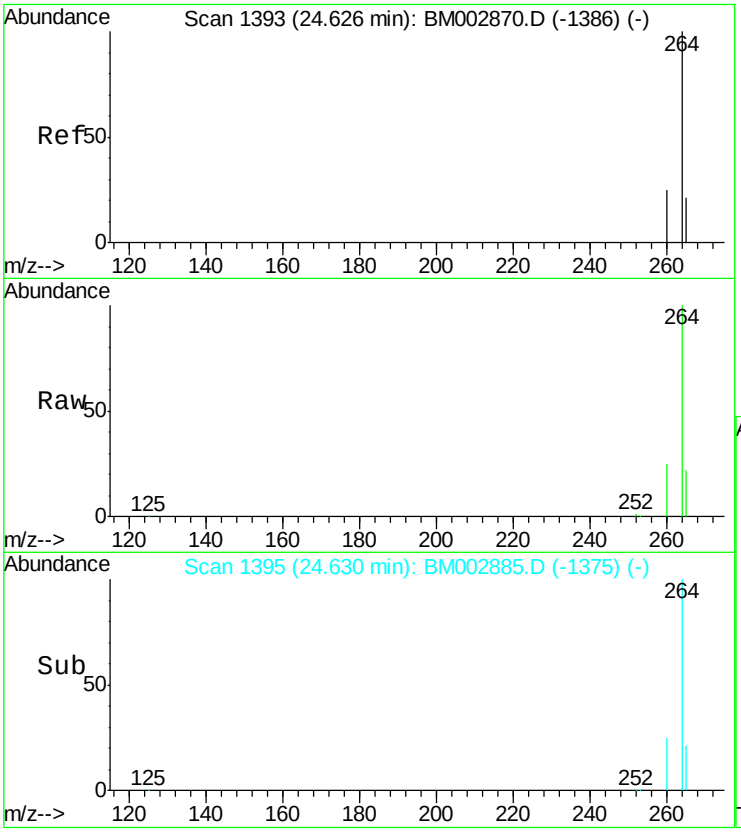


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng
RT: 27.38 min Scan# 1659
Delta R.T. 0.04 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Tgt Ion:276 Resp: 5761

Ion	Ratio	Lower	Upper
276	100		
138	38.0	29.0	43.6
277	25.4	19.8	29.8



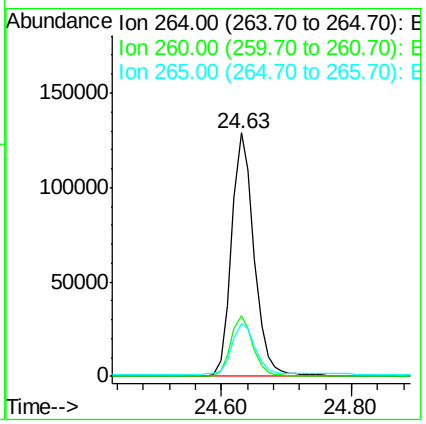


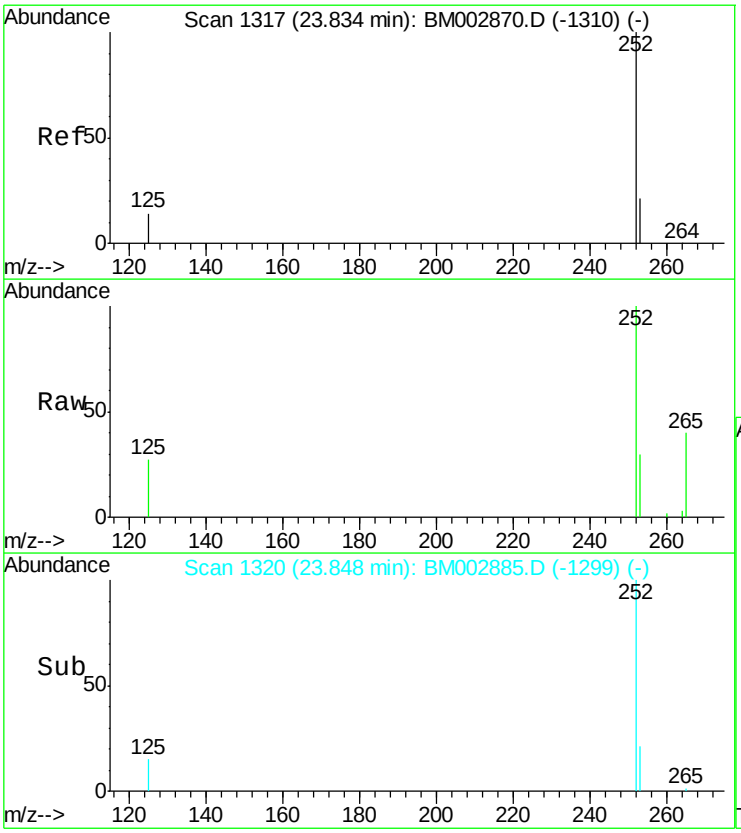
#35
Perylene-d12
Concen: 5.00 ng
RT: 24.63 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 308401

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	21.9	17.6	26.4

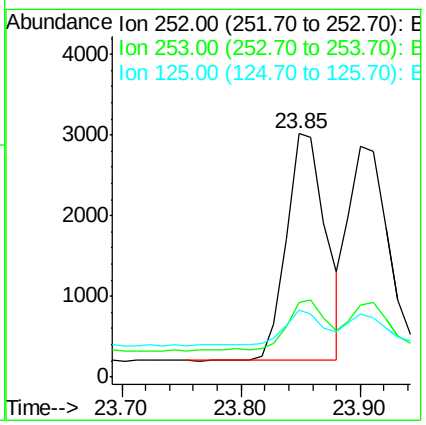


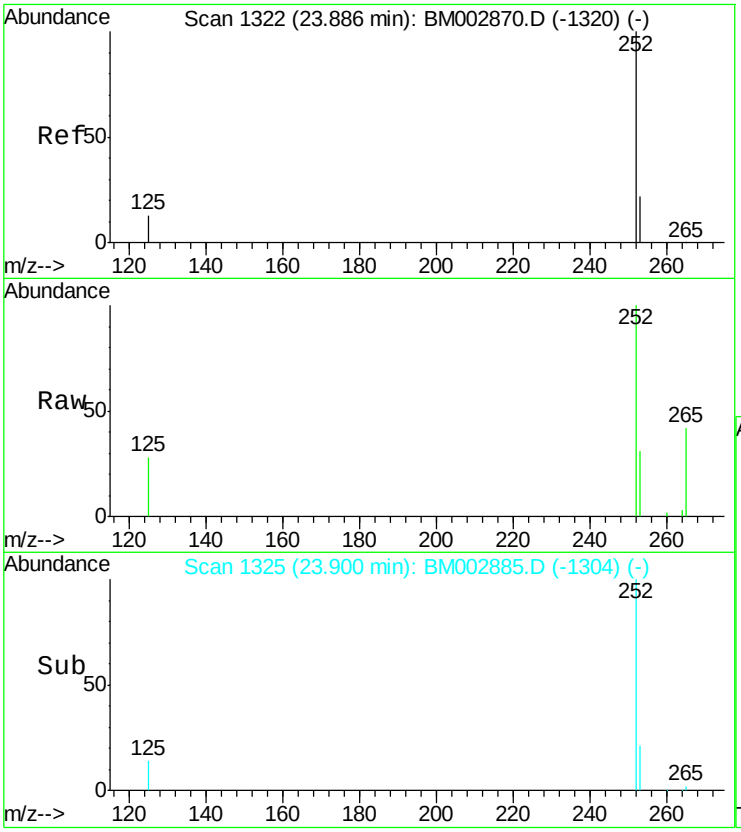


#36
Benzo(b)fluoranthene
Concen: 0.07 ng
RT: 23.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Tgt Ion:252 Resp: 6530

Ion	Ratio	Lower	Upper
252	100		
253	30.5	17.5	26.3#
125	27.3	12.4	18.6#



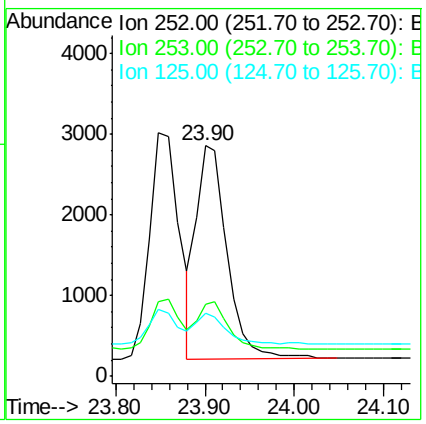


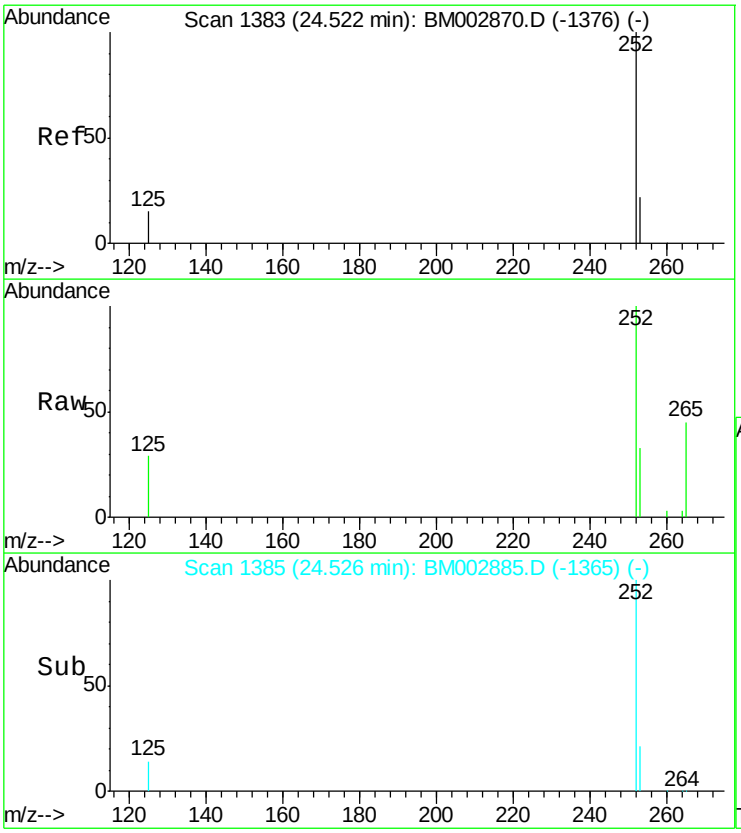
#37
Benzo(k)fluoranthene
Concen: 0.07 ng
RT: 23.90 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 6307

Ion	Ratio	Lower	Upper
252	100		
253	31.2	17.9	26.9#
125	27.6	12.3	18.5#

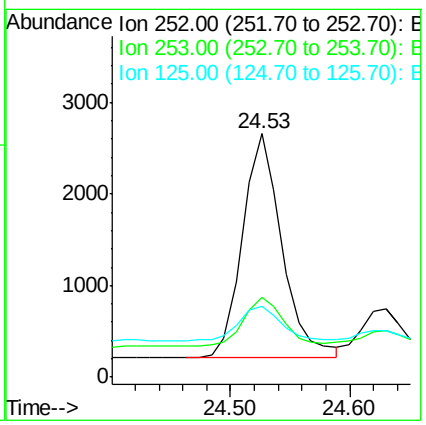


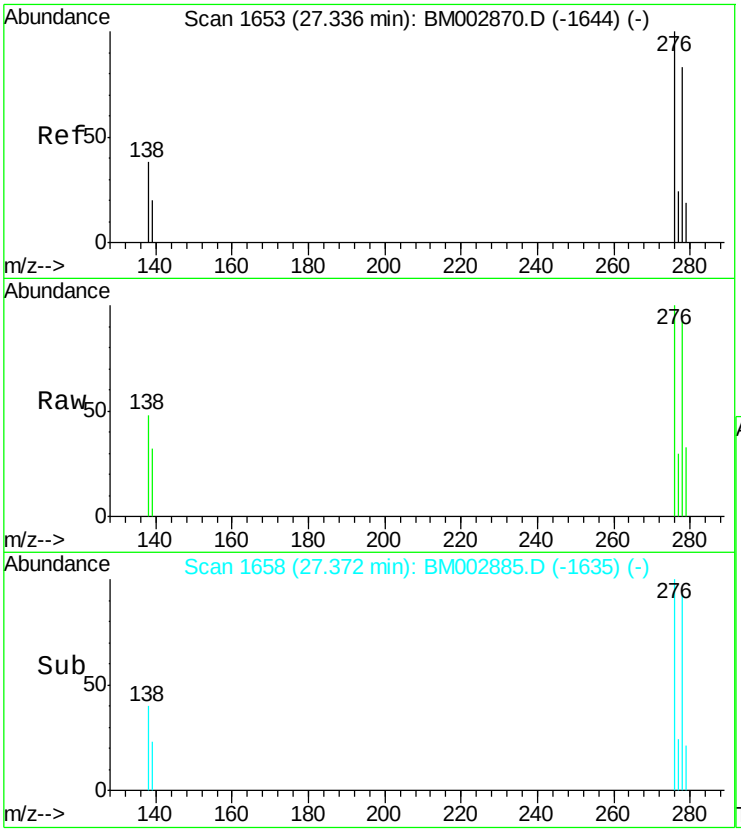


#38
Benzo(a)pyrene
Concen: 0.07 ng
RT: 24.53 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Tgt Ion:252 Resp: 5636

Ion	Ratio	Lower	Upper
252	100		
253	32.5	18.4	27.6#
125	29.1	13.3	19.9#



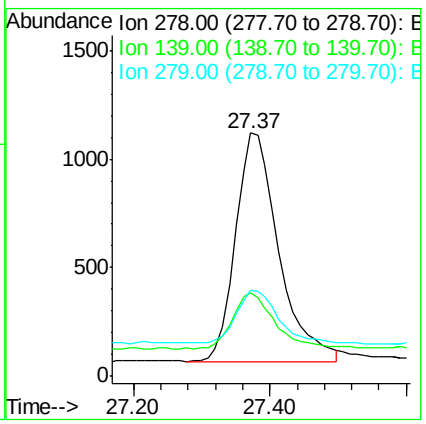


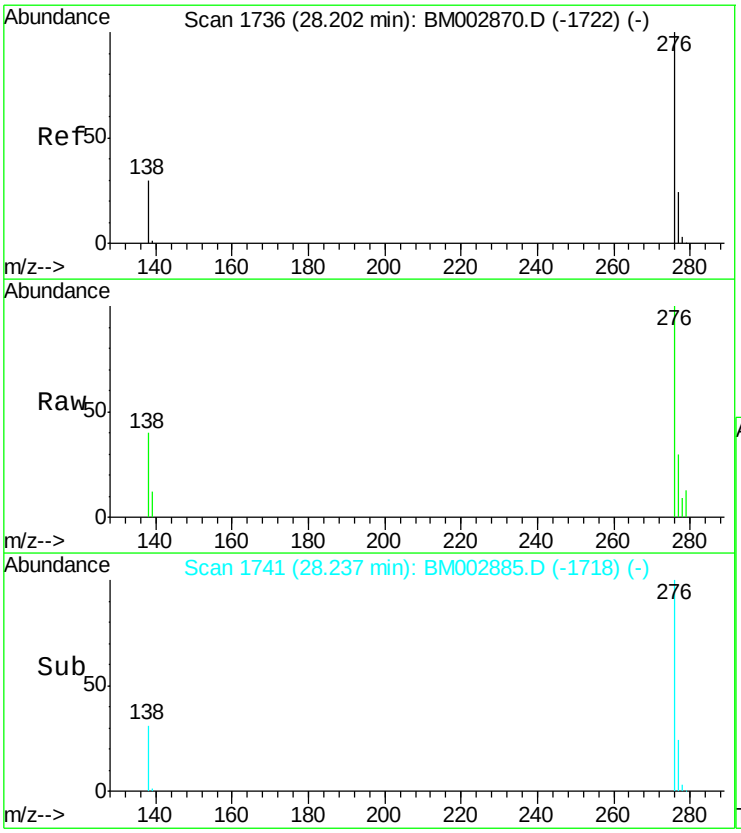
#39
Dibenzo(a,h)anthracene
Concen: 0.06 ng
RT: 27.37 min Scan# 1658
Delta R.T. 0.04 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 4642

Ion	Ratio	Lower	Upper
278	100		
139	34.3	19.8	29.6#
279	35.6	19.1	28.7#





#40
Benzo(g,h,i)perylene
Concen: 0.06 ng
RT: 28.24 min Scan# 1741
Delta R.T. 0.04 min
Lab File: BM002885.D
Acq: 09 Oct 2015 15:22

Tgt Ion:276 Resp: 5044

Ion	Ratio	Lower	Upper
276	100		
277	29.6	19.4	29.0#
138	39.6	24.4	36.6#