Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100815\
Data File : BM002876.D
Acq On : 08 Oct 2015 22:47
Operator : UM/IZ
Sample : PB85741BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB85741BL

Quant Time: Oct 09 04:01:07 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	42683	5.00	ng	0.00
7) Naphthalene-d8	11.52	136	170973	5.00	ng	0.00
13) Acenaphthene-d10	15.25	164	94908	5.00	ng	0.00
19) Phenanthrene-d10	17.97	188	195511	5.00	ng	0.02
26) Chrysene-d12	22.05	240	261082	5.00	ng	0.00
35) Perylene-d12	24.63	264	260306	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	6.13	112	65413	7.17	ng	-0.02
5) Phenol-d6	7.80	99	84734	7.51	ng	0.00
8) Nitrobenzene-d5	9.88	82	33523	3.90	ng	0.00
14) 2,4,6-Tribromophenol	16.74	330	24274	7.72	ng	0.00
15) 2-Fluorobiphenyl	13.89	172	112504	3.91	ng	0.00
29) Terphenyl-d14	20.49	244	131681	3.78	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	4.08	42	20	0.01	ng	# 32
6) bis(2-Chloroethyl)ether	7.97	93	24	0.00	ng	# 42
9) Nitrobenzene	9.88	77	122	0.01	ng	# 34
10) Naphthalene	11.56	128	50	0.00	ng	# 1
11) Hexachlorobutadiene	11.75	225	12	0.00	ng	# 19
12) 2-Methylnaphthalene	13.17	142	30	0.00	ng	# 1
16) Acenaphthylene	15.01	152	21	0.00	ng	# 20
17) Acenaphthene	15.25	154	417	0.02	ng	# 100
18) Fluorene	16.31	166	29	0.00	ng	# 1
20) 4-Bromophenyl-phenylether	17.02	248	232	0.02	ng	# 10
21) Hexachlorobenzene	17.31	284	18	0.00	ng	# 1
22) Pentachlorophenol	17.54	266	3	0.03	ng	# 77
23) Phenanthrene	17.97	178	173	0.00	ng	# 1
24) Anthracene	18.12	178	46	0.00	ng	# 61
25) Fluoranthene	20.00	202	136	0.00	ng	# 57
27) Benzidine	20.17	184	592	0.19	ng	# 17
28) Pyrene	20.36	202	107	0.00	ng	# 1
30) Benzo(a)anthracene	22.05	228	1355	0.02	ng	# 80
31) 3,3'-Dichlorobenzidine	21.97	252	300	0.01	ng	# 81
32) Chrysene	22.05	228	1328	0.02	ng	# 79
33) Bis(2-ethylhexyl)phthalate	21.87	149	1377	0.03	ng	# 86
34) Indeno(1,2,3-cd)pyrene	27.40	276	390	0.00	ng	# 60
36) Benzo(b)fluoranthene	23.87	252	181	0.00	ng	# 1
37) Benzo(k)fluoranthene	23.87	252	181	0.00	ng	# 1
38) Benzo(a)pyrene	24.53	252	226	0.00	ng	# 1
39) Dibenzo(a,h)anthracene	27.39	278	368	0.01	ng	# 1
40) Benzo(g,h,i)perylene	28.26	276	270	0.00	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100815\
Data File : BM002876.D
Acq On : 08 Oct 2015 22:47
Operator : UM/IZ
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
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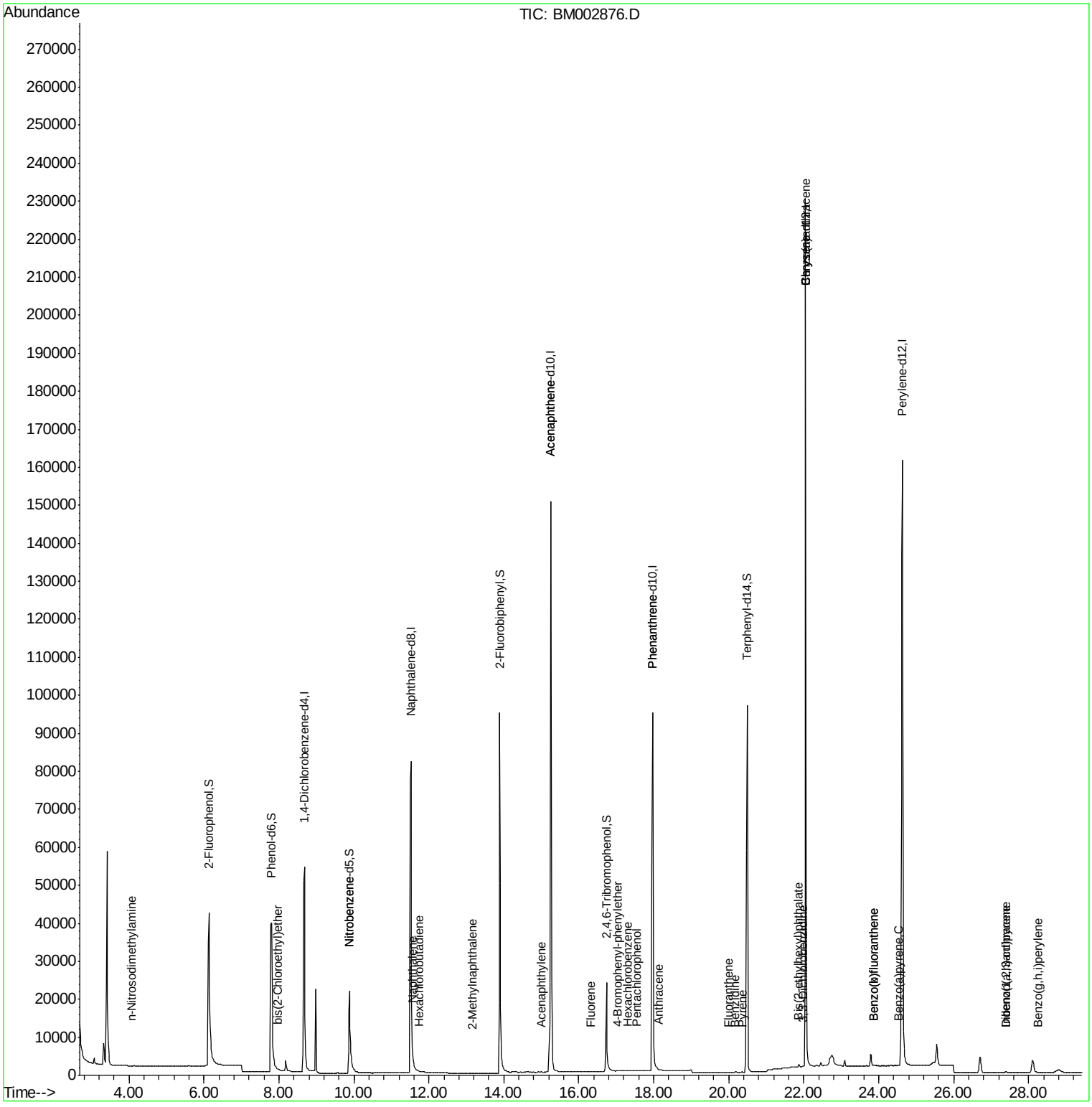
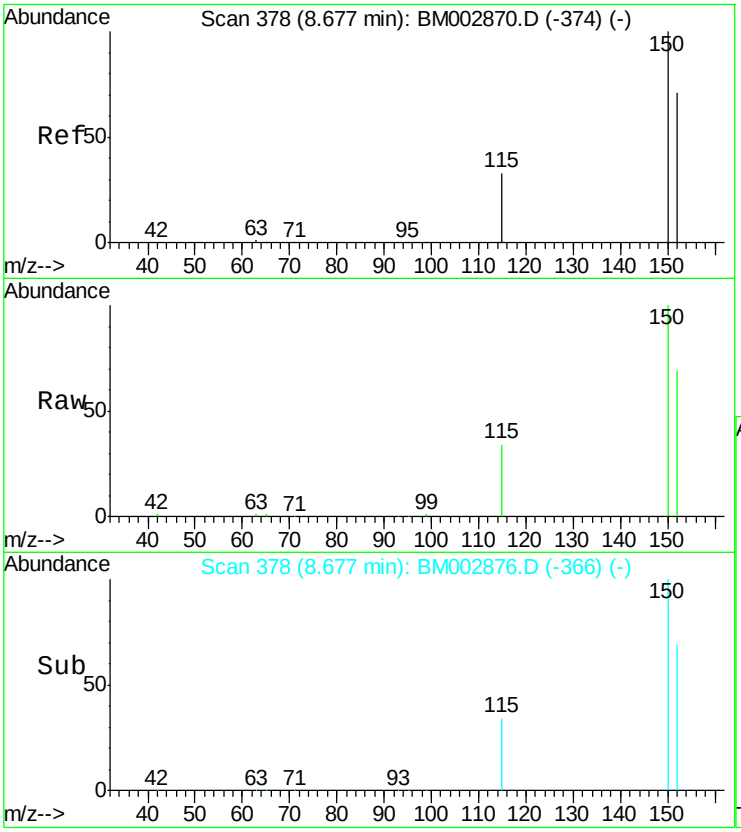
Quant Time: Oct 09 04:01:07 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM100815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 02:41:41 2015
Response via : Initial Calibration



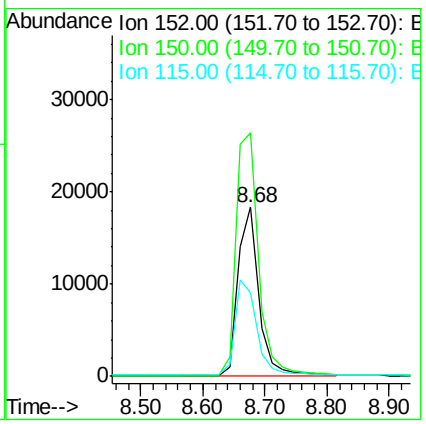


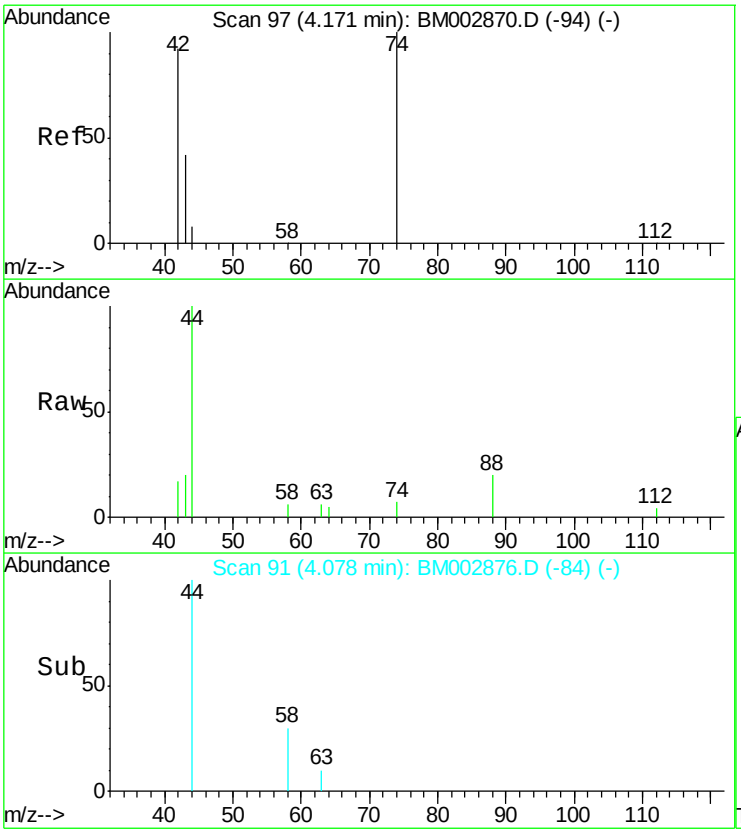
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.68 min Scan# 378
Delta R.T. 0.00 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Instrument :
BNA_M
ClientSampleId :
PB85741BL

Tgt Ion:152 Resp: 42683

Ion	Ratio	Lower	Upper
152	100		
150	144.2	113.0	169.6
115	49.4	37.9	56.9

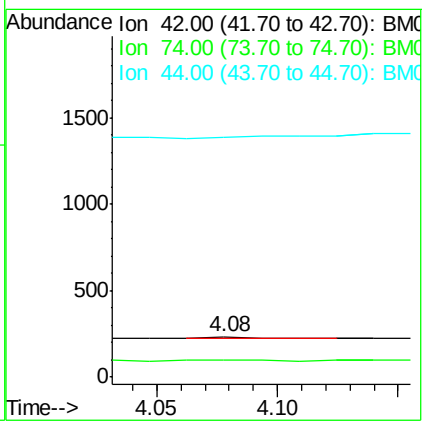


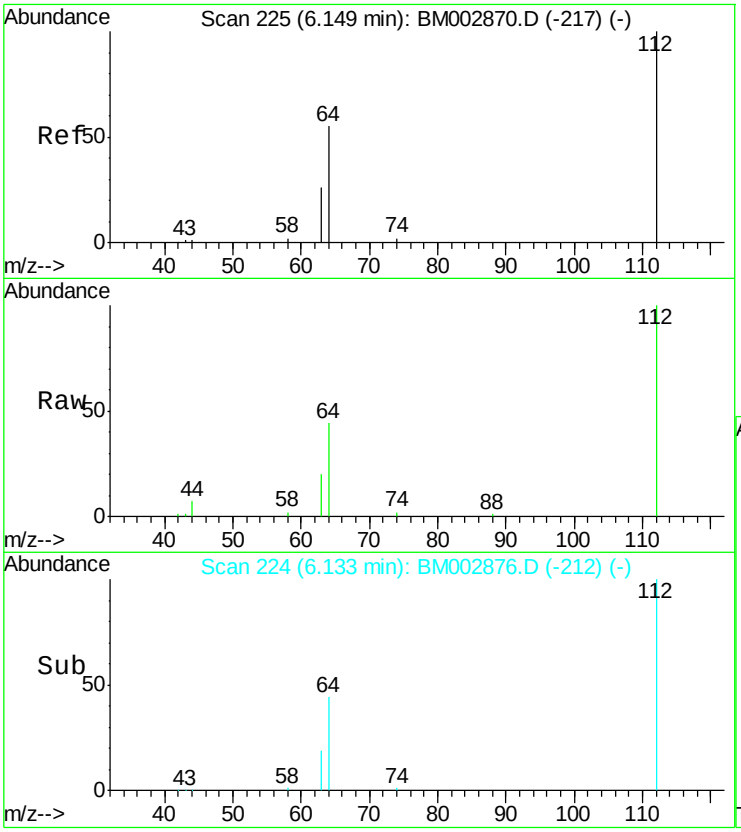


#3
n-Nitrosodimethylamine
Concen: 0.01 ng
RT: 4.08 min Scan# 91
Delta R.T. -0.09 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Tgt Ion: 42 Resp: 20

Ion	Ratio	Lower	Upper
42	100		
74	60.0	119.7	179.5#
44	0.0	9.8	14.6#



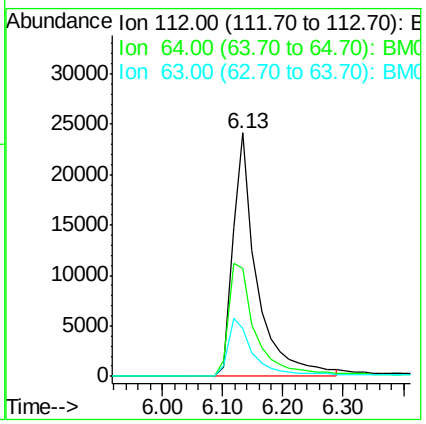


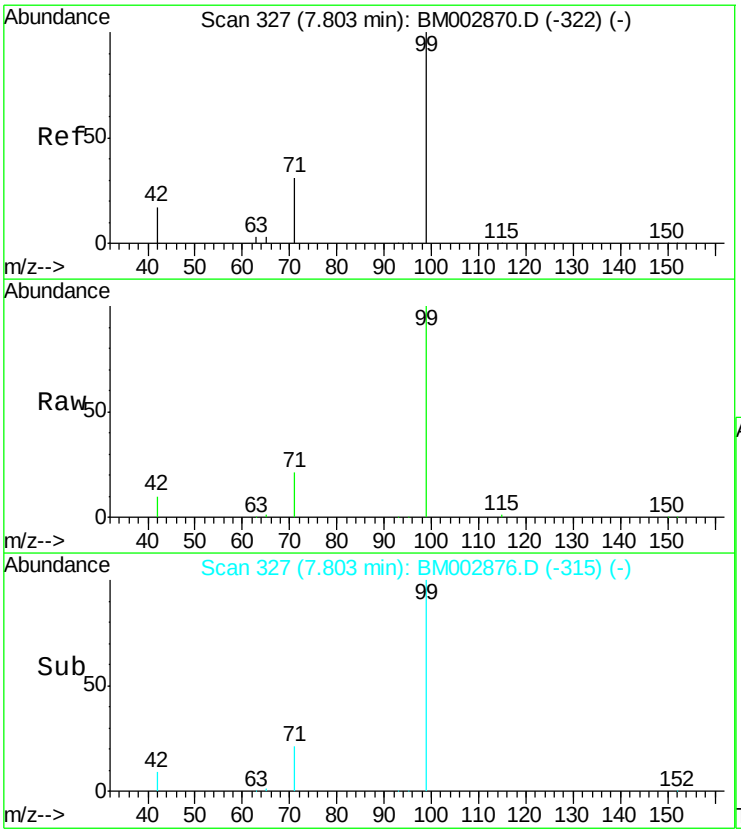
#4
2-Fluorophenol
Concen: 7.17 ng
RT: 6.13 min Scan# 224
Delta R.T. -0.02 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Instrument :
BNA_M
ClientSampleId :
PB85741BL

Tgt Ion:112 Resp: 65413

Ion	Ratio	Lower	Upper
112	100		
64	52.1	42.0	63.0
63	24.7	20.0	30.0

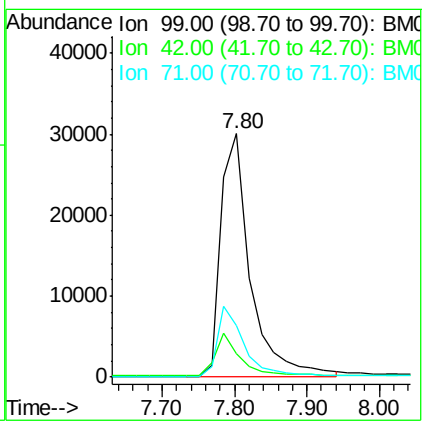


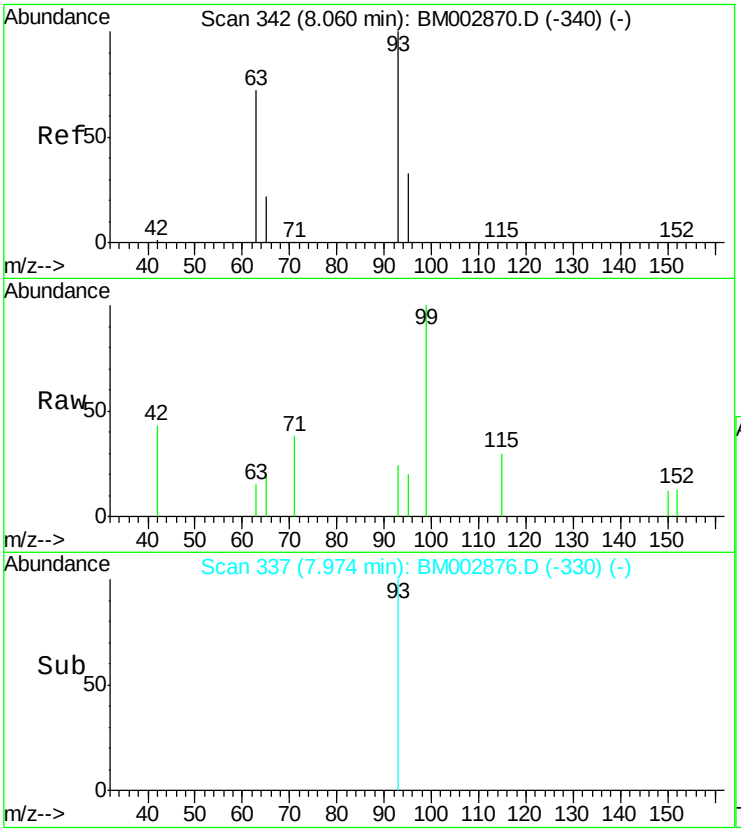


#5
Phenol-d6
Concen: 7.51 ng
RT: 7.80 min Scan# 327
Delta R.T. 0.00 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Tgt Ion: 99 Resp: 84734

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.4	18.6
71	26.7	21.4	32.0



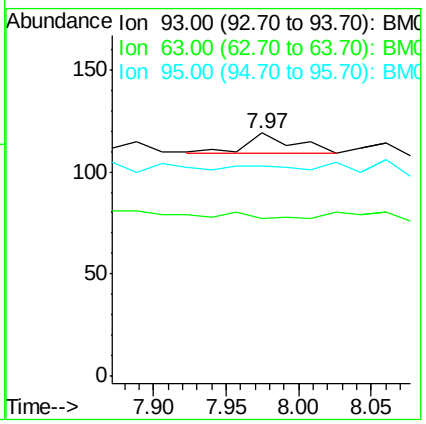


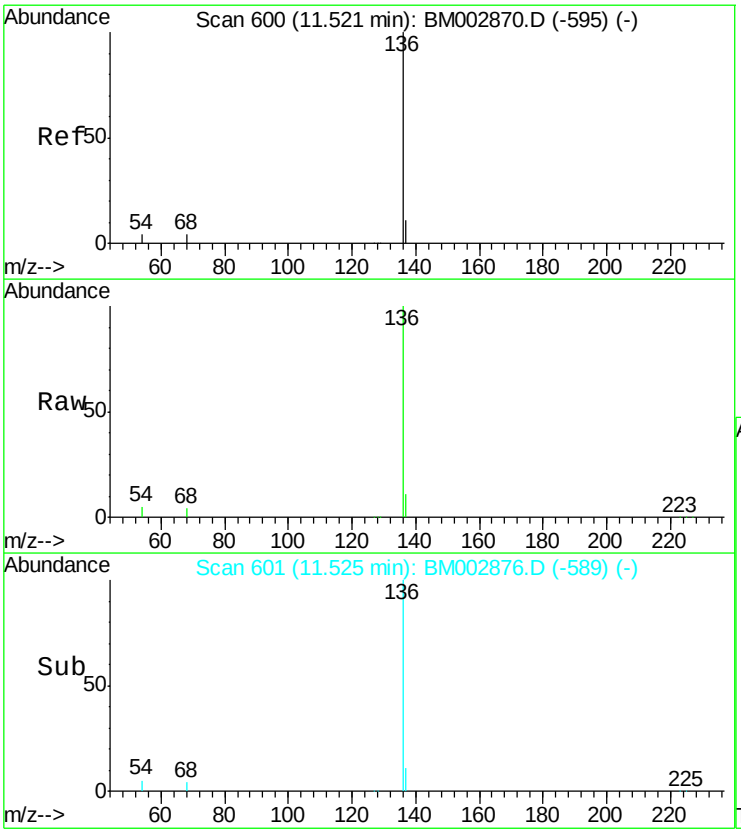
#6
bis(2-Chloroethyl)ether
Concen: 0.00 ng
RT: 7.97 min Scan# 337
Delta R.T. -0.09 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Instrument :
BNA_M
ClientSampleId :
PB85741BL

Tgt Ion: 93 Resp: 24

Ion	Ratio	Lower	Upper
93	100		
63	0.0	52.9	79.3#
95	29.2	25.2	37.8

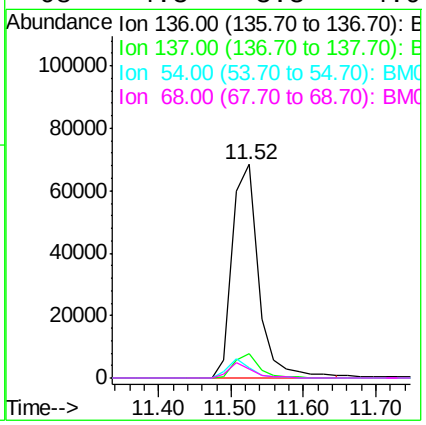


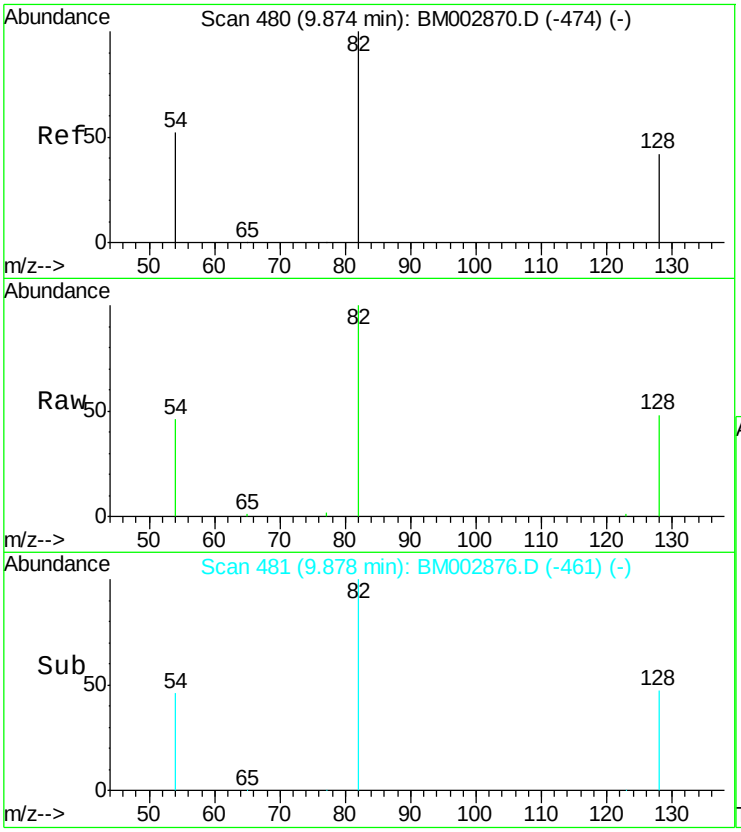


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 11.52 min Scan# 601
Delta R.T. 0.00 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Tgt Ion:136 Resp: 170973

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	4.6	3.5	5.3
68	4.3	3.3	4.9



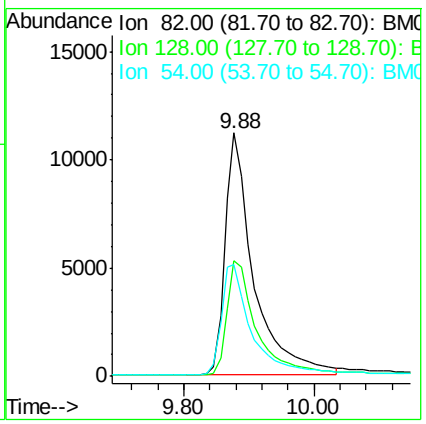


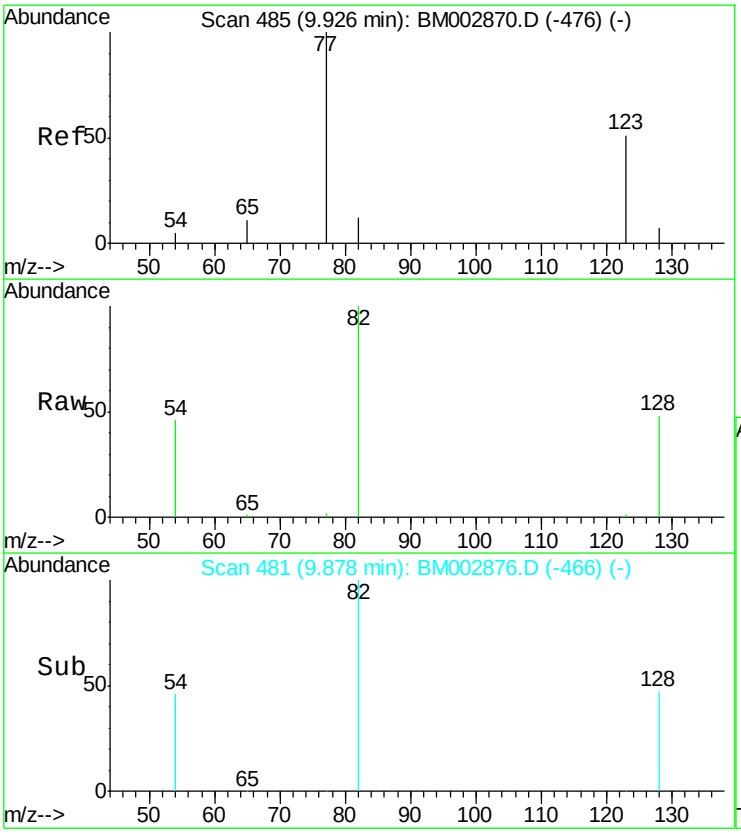
#8
Nitrobenzene-d5
Concen: 3.90 ng
RT: 9.88 min Scan# 481
Delta R.T. 0.00 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Instrument :
BNA_M
ClientSampleId :
PB85741BL

Tgt Ion: 82 Resp: 33523

Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.1	51.1
54	46.1	42.6	63.8

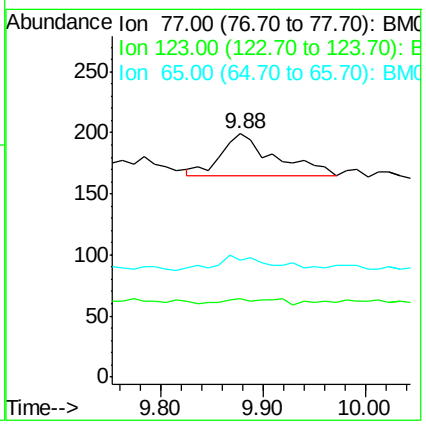


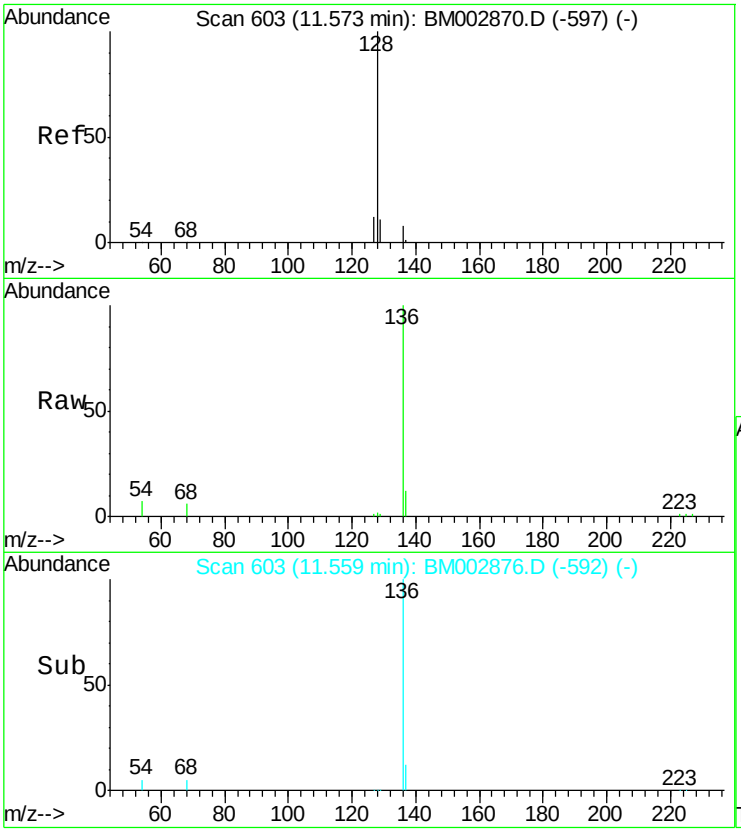


#9
Nitrobenzene
Concen: 0.01 ng
RT: 9.88 min Scan# 481
Delta R.T. -0.05 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Tgt Ion: 77 Resp: 122

Ion	Ratio	Lower	Upper
77	100		
123	5.7	41.0	61.4#
65	38.5	9.7	14.5#



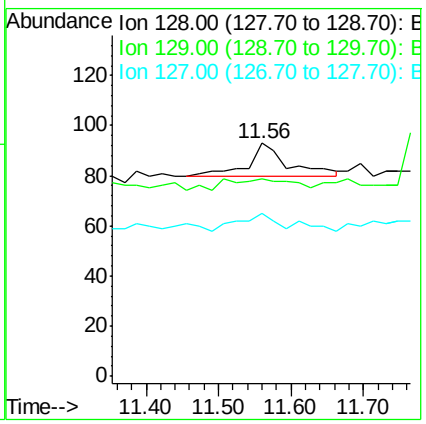


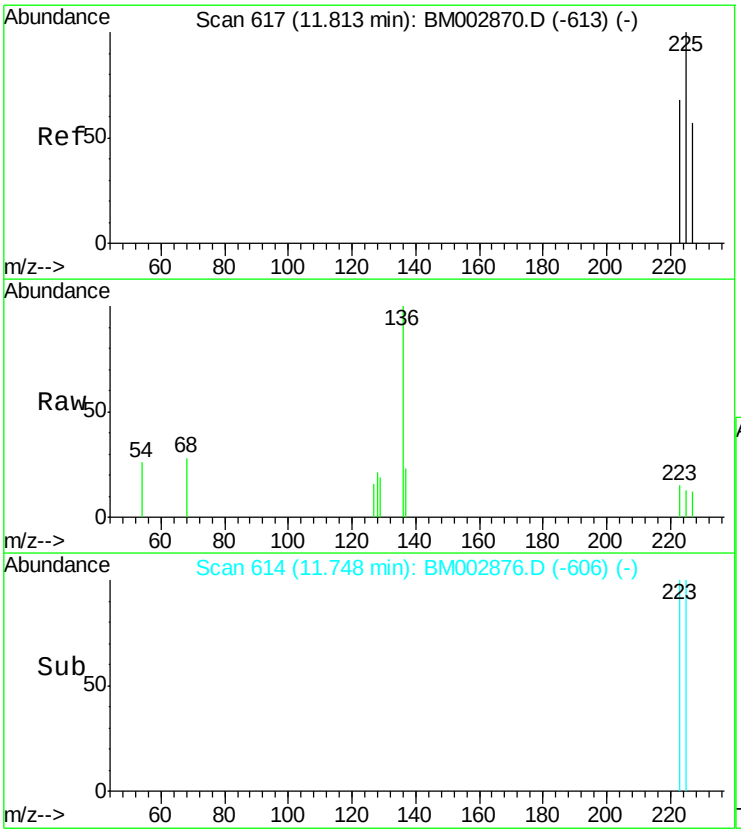
#10
Naphthalene
Concen: 0.00 ng
RT: 11.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Instrument :
BNA_M
ClientSampleId :
PB85741BL

Tgt Ion:128 Resp: 50

Ion	Ratio	Lower	Upper
128	100		
129	84.9	9.4	14.2#
127	69.9	9.6	14.4#

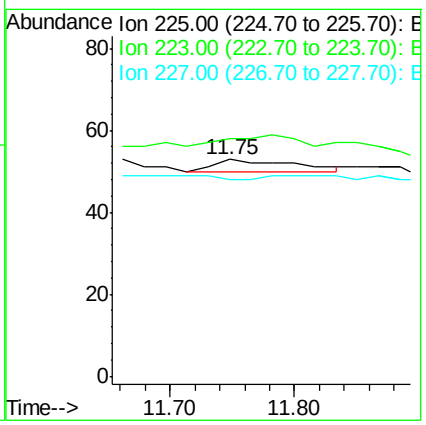


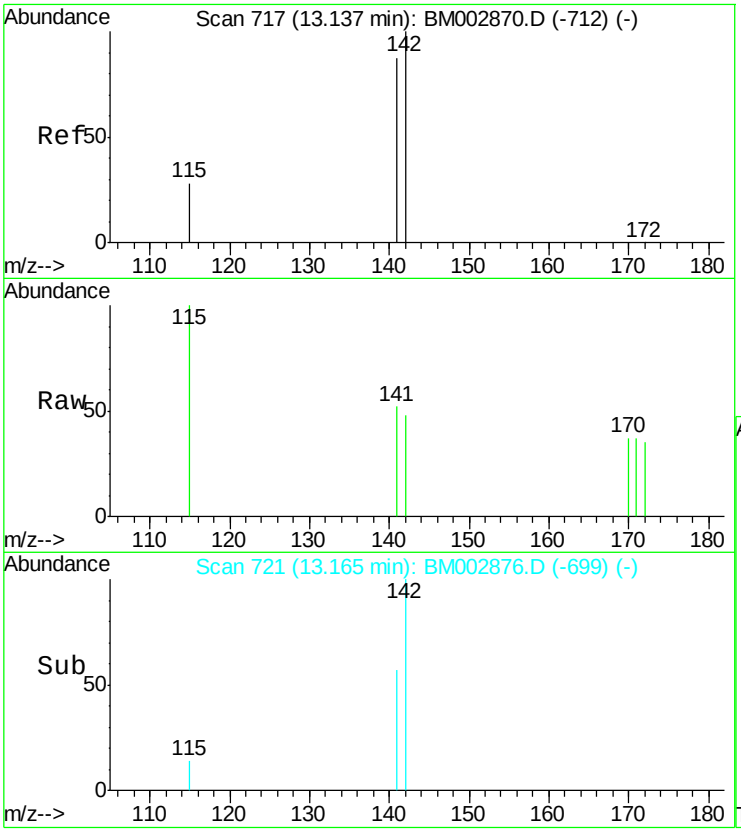


#11
Hexachlorobutadiene
Concen: 0.00 ng
RT: 11.75 min Scan# 614
Delta R.T. -0.06 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Tgt Ion:225 Resp: 12

Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.1	75.1#
227	0.0	51.2	76.8#



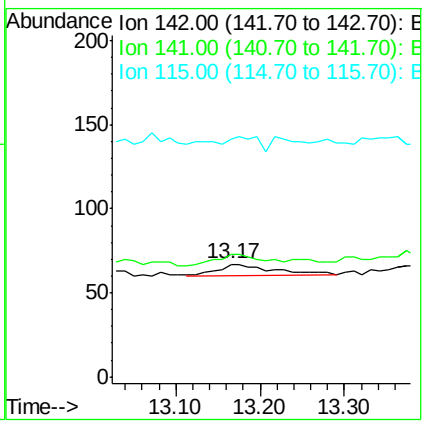


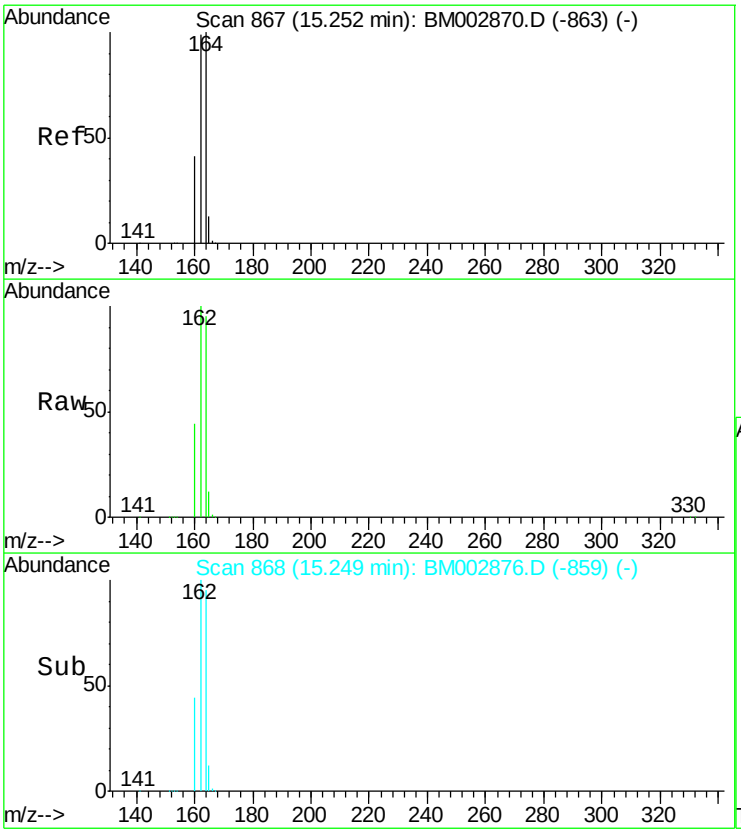
#12
2-Methylnaphthalene
Concen: 0.00 ng
RT: 13.17 min Scan# 721
Delta R.T. 0.03 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Instrument :
BNA_M
ClientSampleId :
PB85741BL

Tgt Ion:142 Resp: 30

Ion	Ratio	Lower	Upper
142	100		
141	109.0	69.4	104.0#
115	210.4	22.7	34.1#

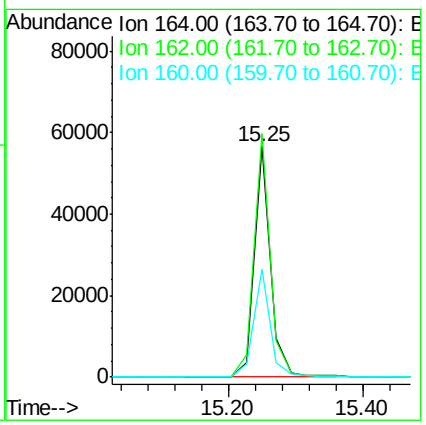


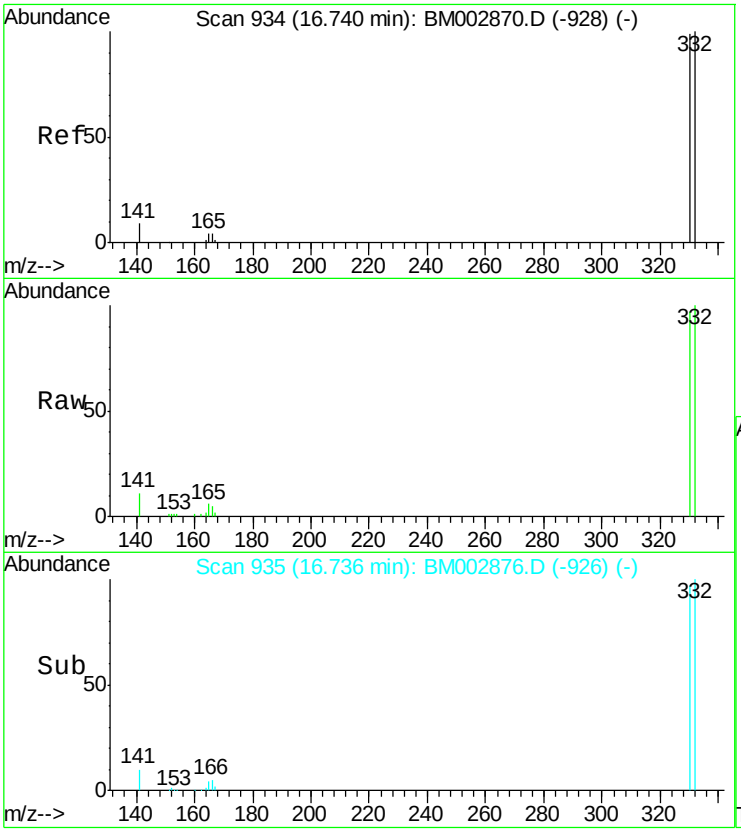


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 15.25 min Scan# 868
Delta R.T. -0.00 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Tgt Ion:164 Resp: 94908

Ion	Ratio	Lower	Upper
164	100		
162	105.7	79.6	119.4
160	46.9	33.1	49.7



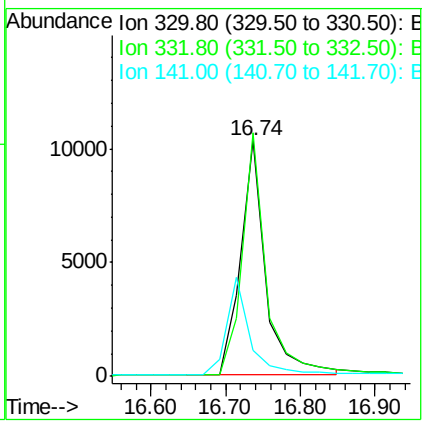


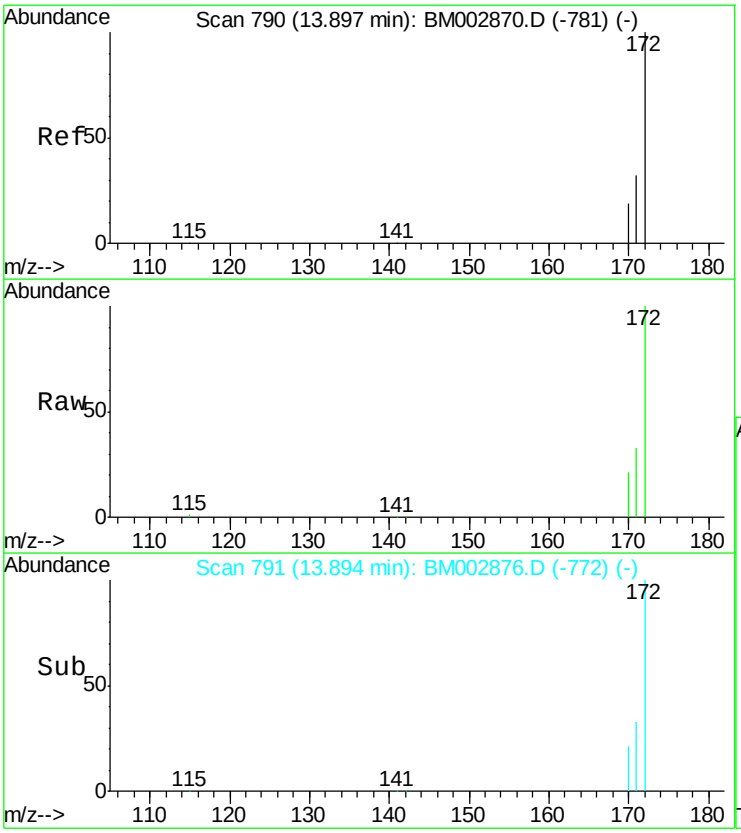
#14
2,4,6-Tribromophenol
Concen: 7.72 ng
RT: 16.74 min Scan# 935
Delta R.T. -0.00 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Instrument :
BNA_M
ClientSampleId :
PB85741BL

Tgt Ion:330 Resp: 24274

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	0.0	0.0	0.0

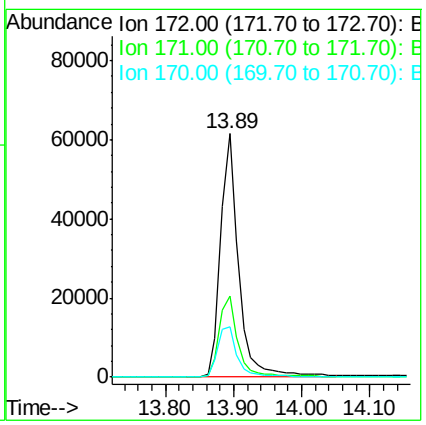


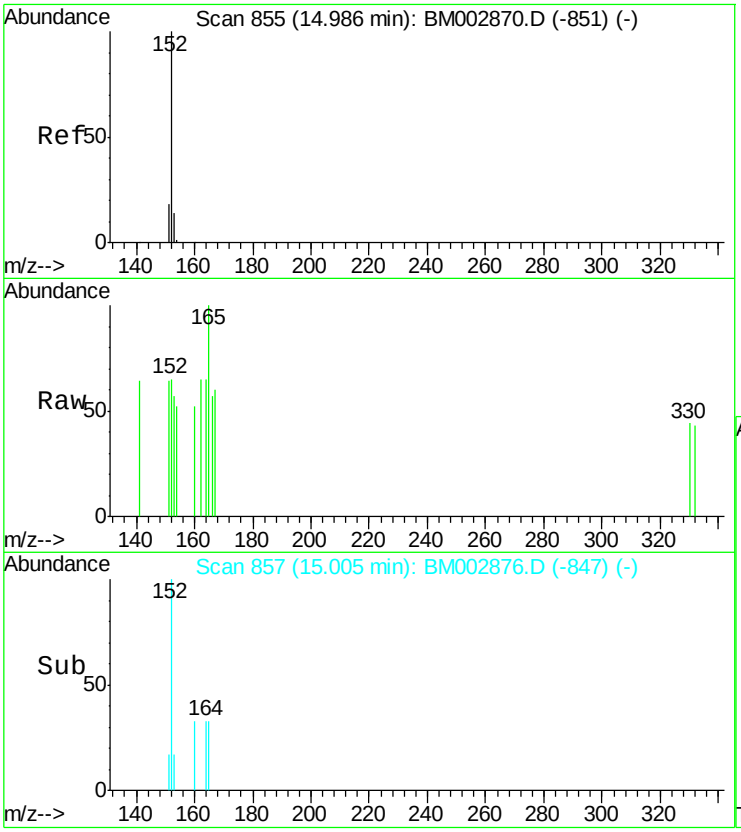


#15
2-Fluorobiphenyl
Concen: 3.91 ng
RT: 13.89 min Scan# 791
Delta R.T. -0.00 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Tgt Ion:172 Resp: 112504

Ion	Ratio	Lower	Upper
172	100		
171	33.4	26.1	39.1
170	20.7	15.7	23.5



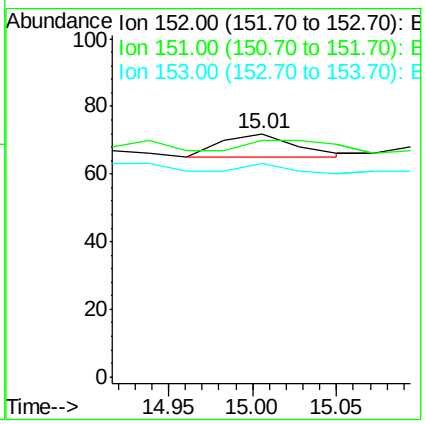


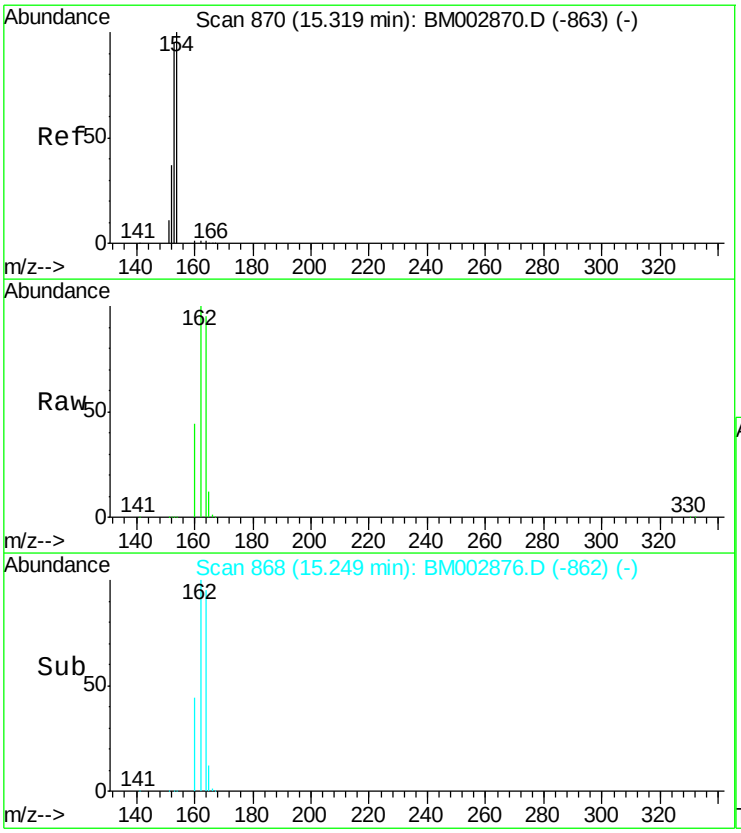
#16
Acenaphthylene
Concen: 0.00 ng
RT: 15.01 min Scan# 857
Delta R.T. 0.02 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Instrument :
BNA_M
ClientSampleId :
PB85741BL

Tgt Ion:152 Resp: 21

Ion	Ratio	Lower	Upper
152	100		
151	71.4	15.3	22.9#
153	23.8	10.5	15.7#

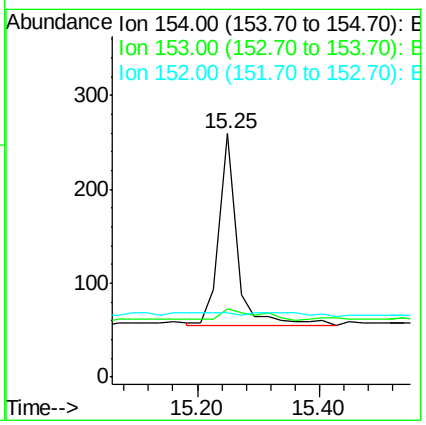


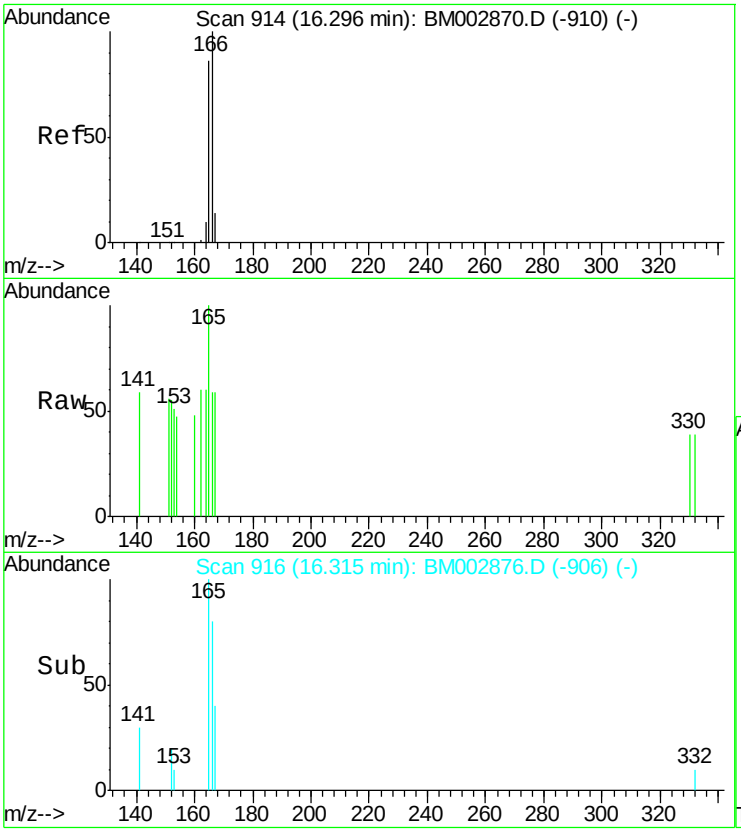


#17
Acenaphthene
Concen: 0.02 ng
RT: 15.25 min Scan# 868
Delta R.T. -0.07 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Tgt Ion:154 Resp: 417

Ion	Ratio	Lower	Upper
154	100		
153	13.4	0.0	0.0#
152	0.0	0.0	0.0



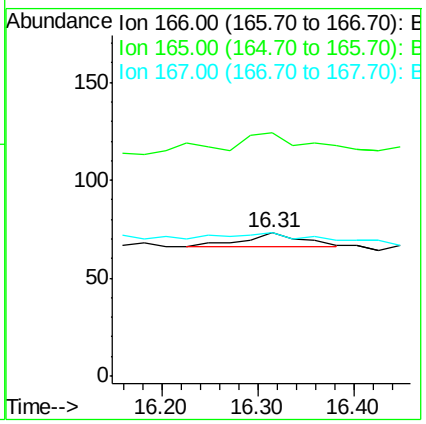


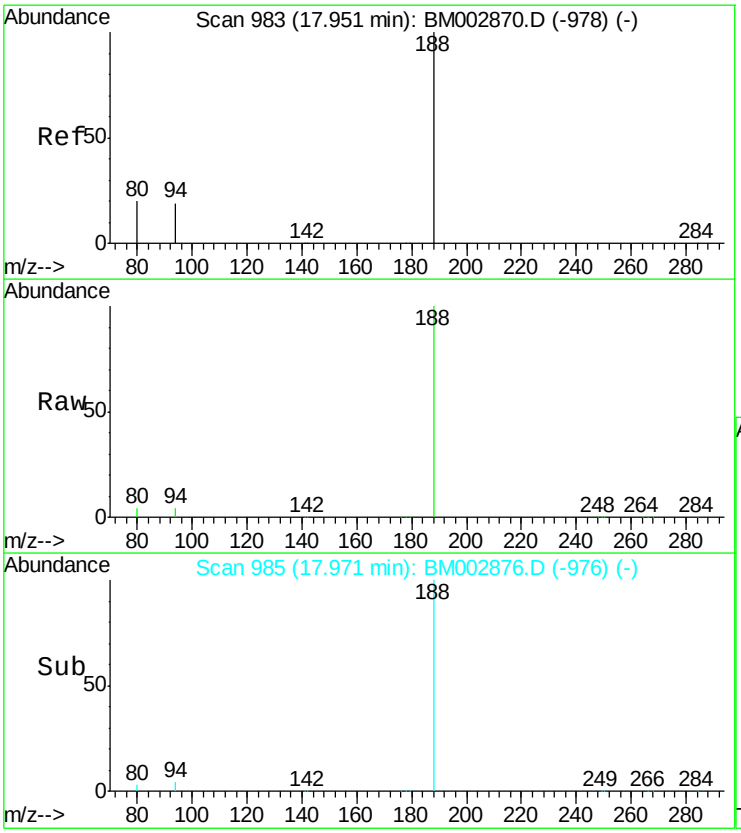
#18
Fluorene
Concen: 0.00 ng
RT: 16.31 min Scan# 916
Delta R.T. 0.02 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Instrument :
BNA_M
ClientSampleId :
PB85741BL

Tgt Ion:166 Resp: 29

Ion	Ratio	Lower	Upper
166	100		
165	251.7	77.3	115.9#
167	69.0	10.9	16.3#

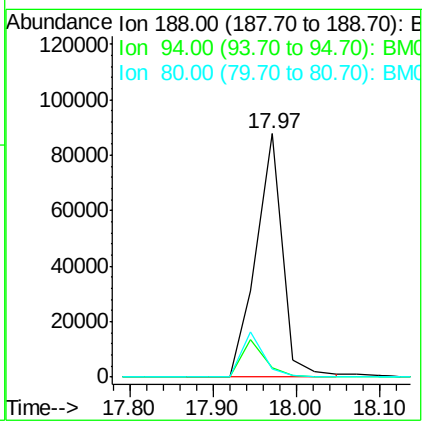


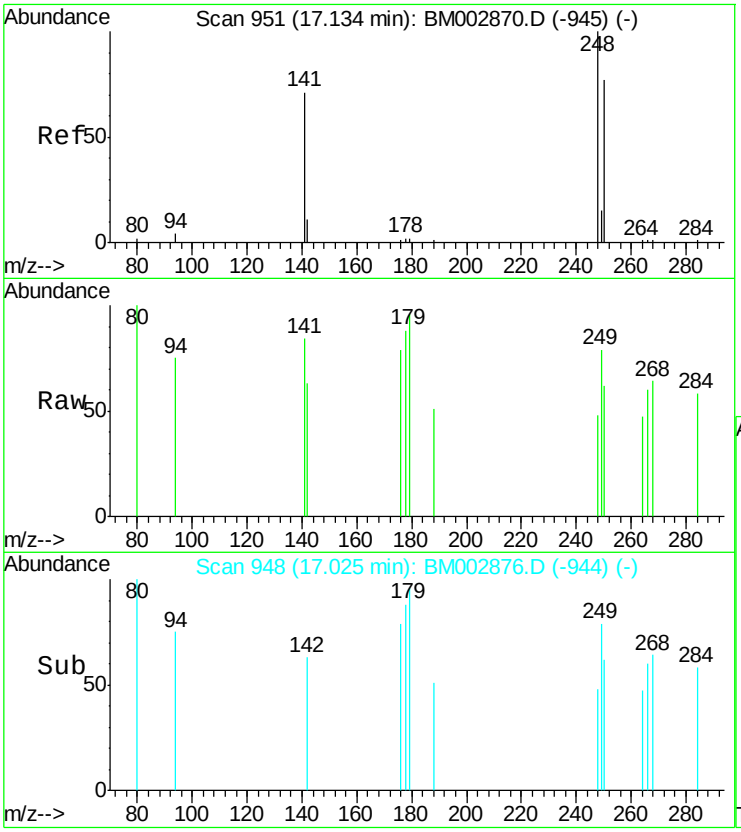


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.97 min Scan# 985
Delta R.T. 0.02 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Tgt Ion:188 Resp: 195511

Ion	Ratio	Lower	Upper
188	100		
94	3.9	15.2	22.8#
80	3.5	15.9	23.9#



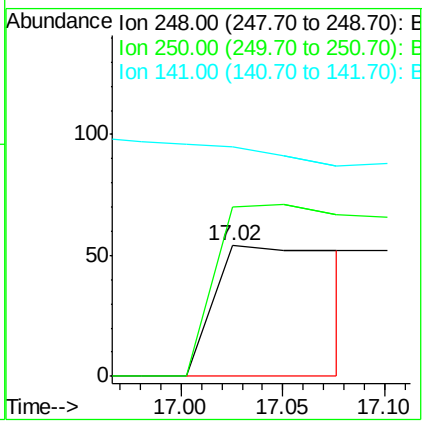


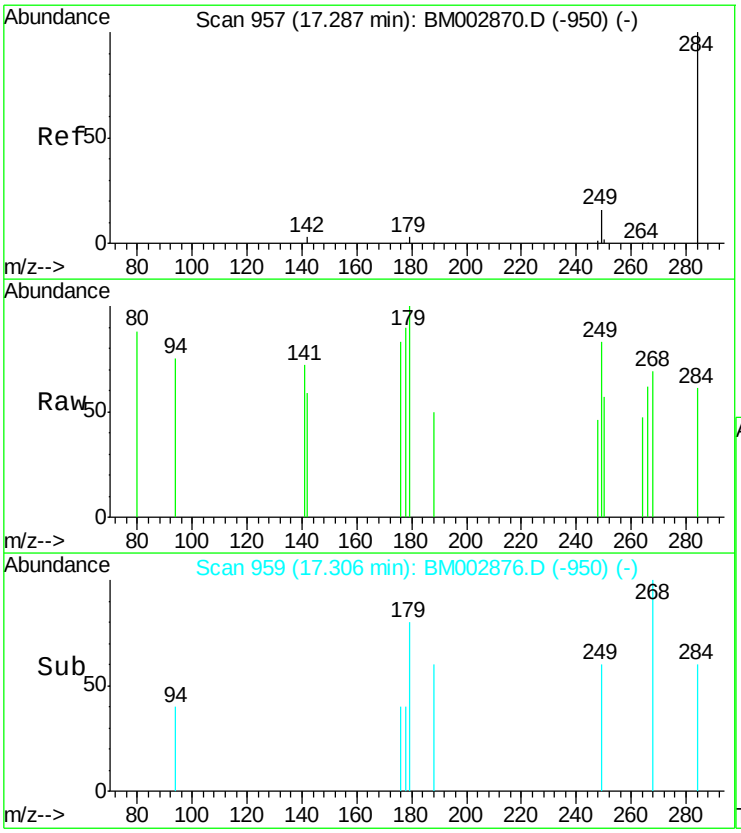
#20
4-Bromophenyl-phenylether
Concen: 0.02 ng
RT: 17.02 min Scan# 948
Delta R.T. -0.11 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Instrument :
BNA_M
ClientSampleId :
PB85741BL

Tgt Ion:248 Resp: 232

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

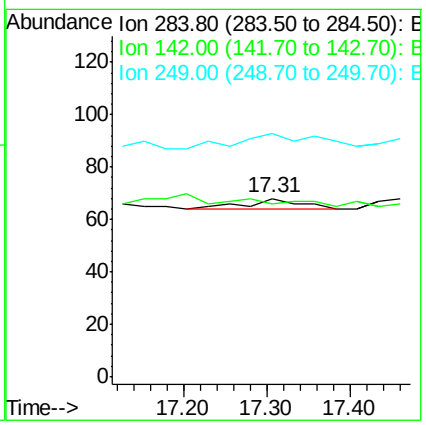


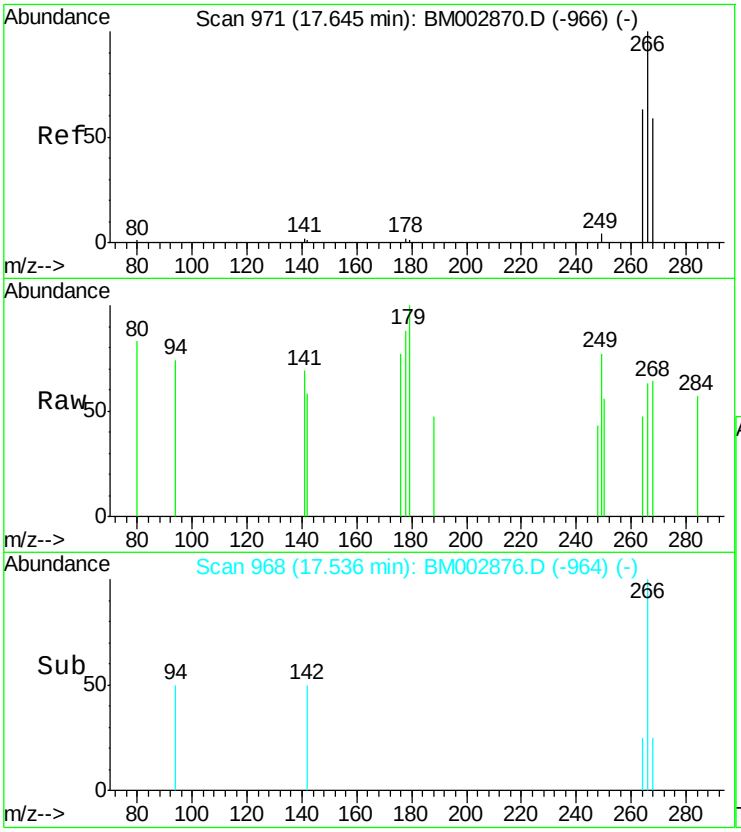


#21
Hexachlorobenzene
Concen: 0.00 ng
RT: 17.31 min Scan# 959
Delta R.T. 0.02 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Tgt Ion:284 Resp: 18

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	222.2	20.7	31.1#



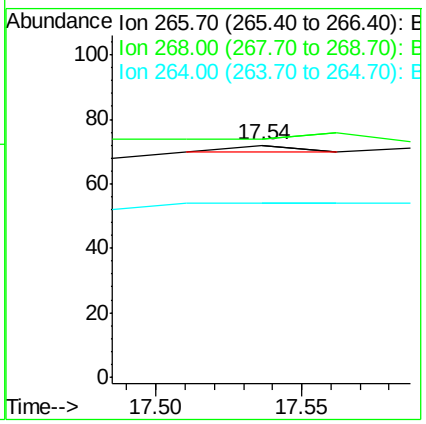


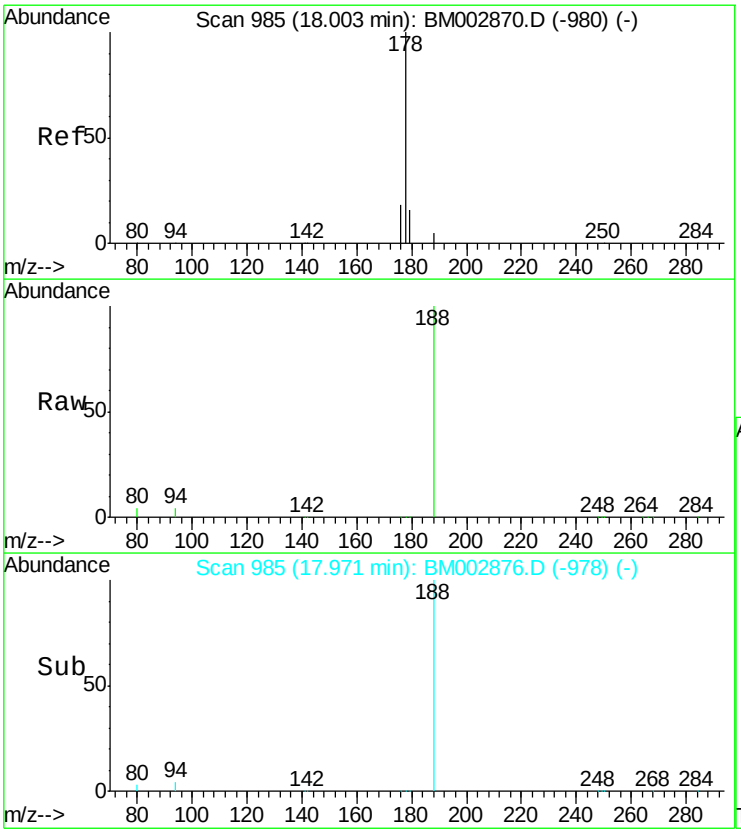
#22
Pentachlorophenol
Concen: 0.03 ng
RT: 17.54 min Scan# 968
Delta R.T. -0.11 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Instrument :
BNA_M
ClientSampleId :
PB85741BL

Tgt Ion:266 Resp: 3

Ion	Ratio	Lower	Upper
266	100		
268	102.8	58.3	87.5#
264	75.0	54.2	81.2

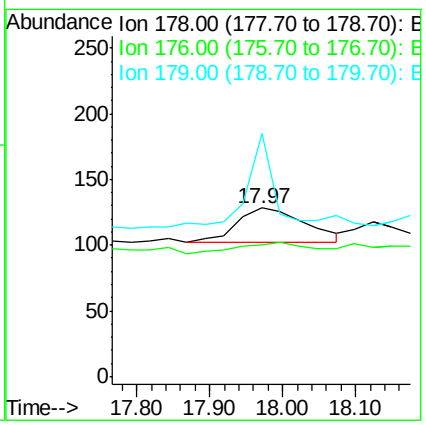


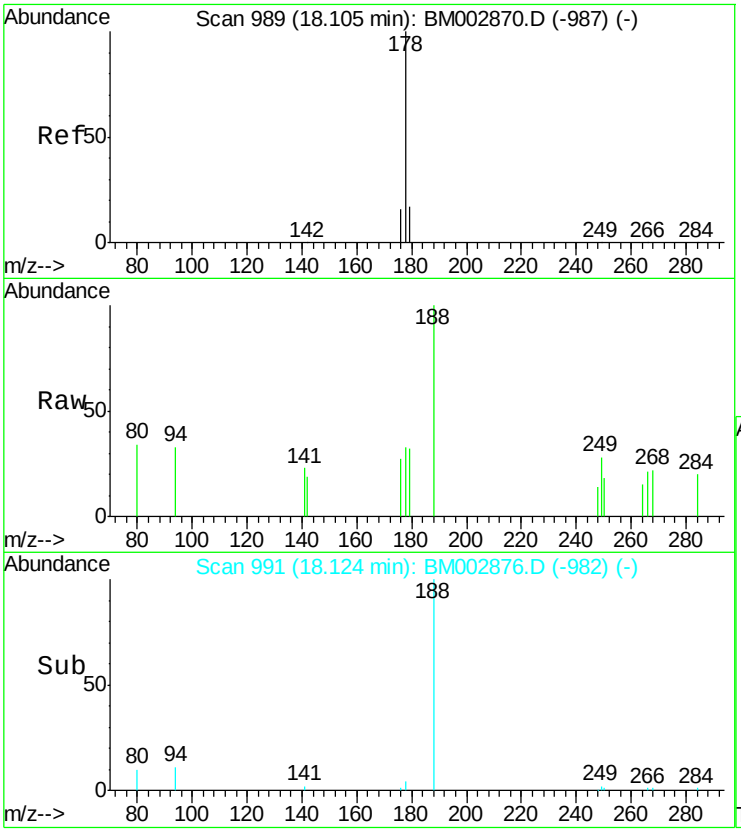


#23
Phenanthrene
Concen: 0.00 ng
RT: 17.97 min Scan# 985
Delta R.T. -0.03 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Tgt Ion:178 Resp: 173

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.6	21.8#
179	102.9	12.5	18.7#



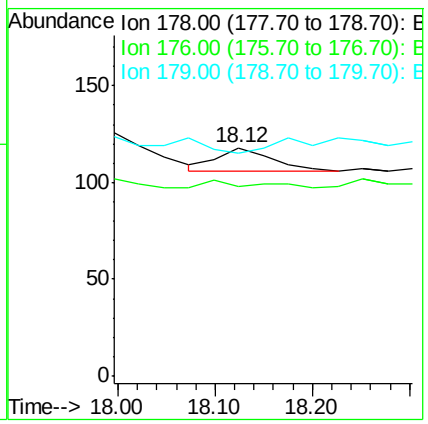


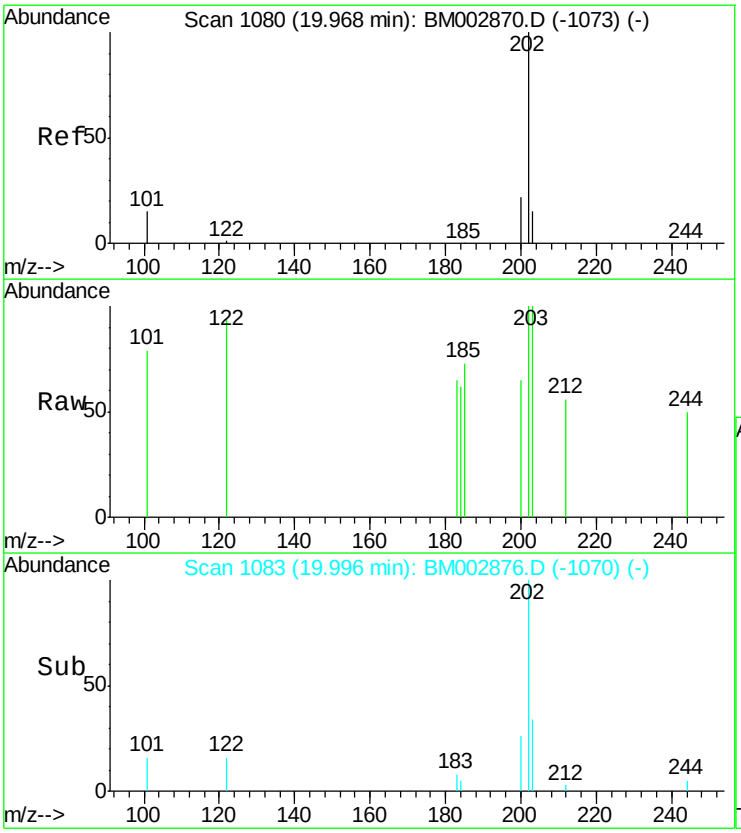
#24
Anthracene
Concen: 0.00 ng
RT: 18.12 min Scan# 991
Delta R.T. 0.02 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Instrument :
BNA_M
ClientSampleId :
PB85741BL

Tgt Ion:178 Resp: 46

Ion	Ratio	Lower	Upper
178	100		
176	0.0	13.9	20.9#
179	0.0	12.6	18.8#

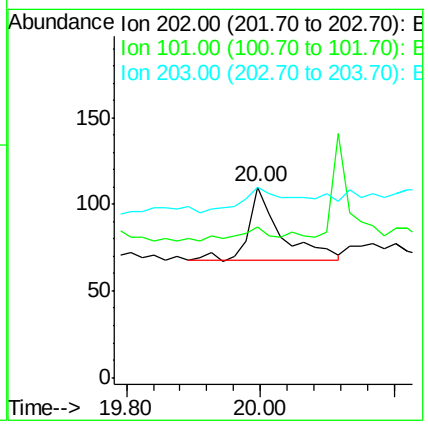


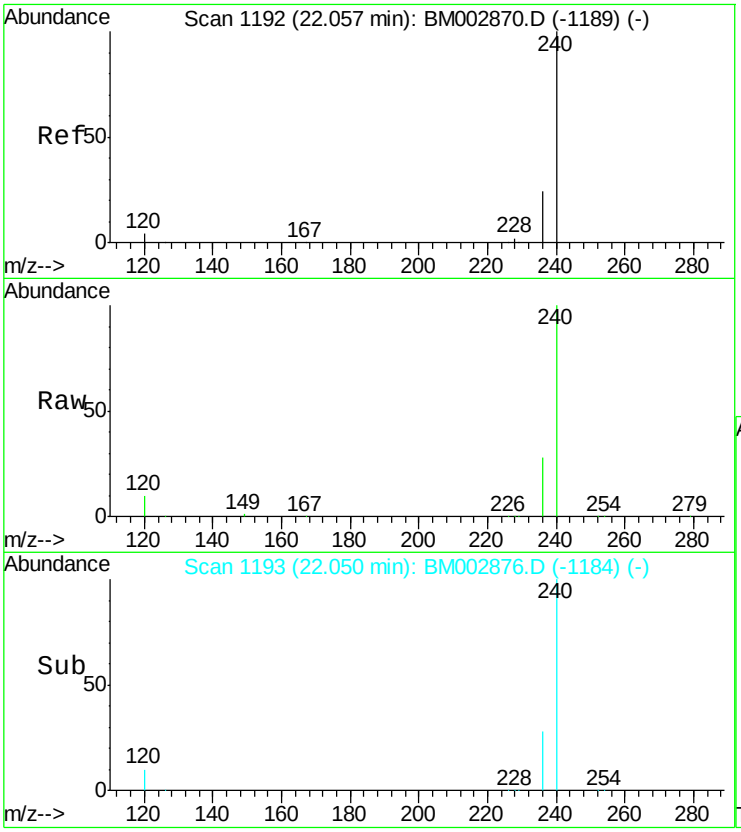


#25
Fluoranthene
Concen: 0.00 ng
RT: 20.00 min Scan# 1083
Delta R.T. 0.03 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Tgt Ion:202 Resp: 136

Ion	Ratio	Lower	Upper
202	100		
101	19.1	11.0	16.6#
203	46.3	13.8	20.6#



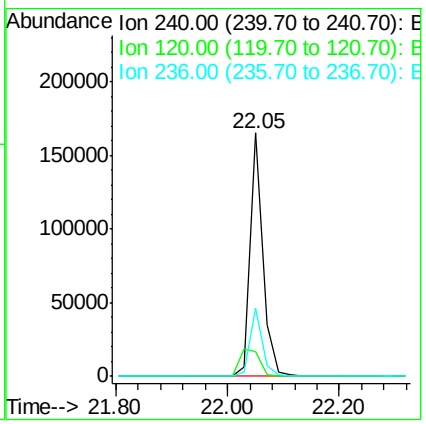


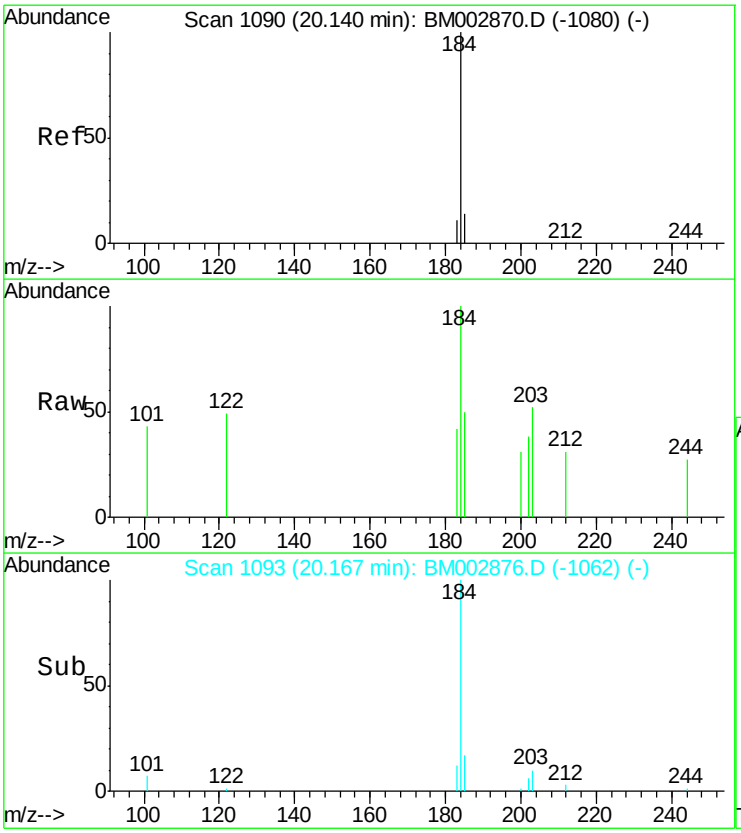
#26
Chrysene-d12
Concen: 5.00 ng
RT: 22.05 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Instrument :
BNA_M
ClientSampleId :
PB85741BL

Tgt Ion:240 Resp: 261082

Ion	Ratio	Lower	Upper
240	100		
120	10.0	3.3	4.9#
236	27.9	19.5	29.3

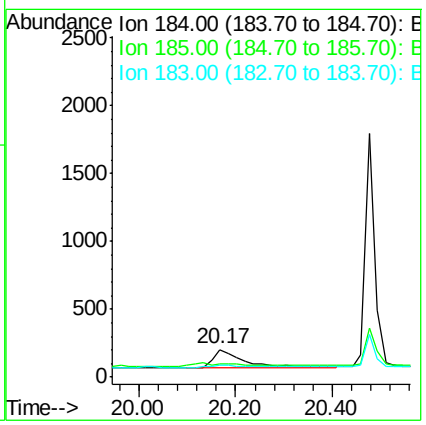


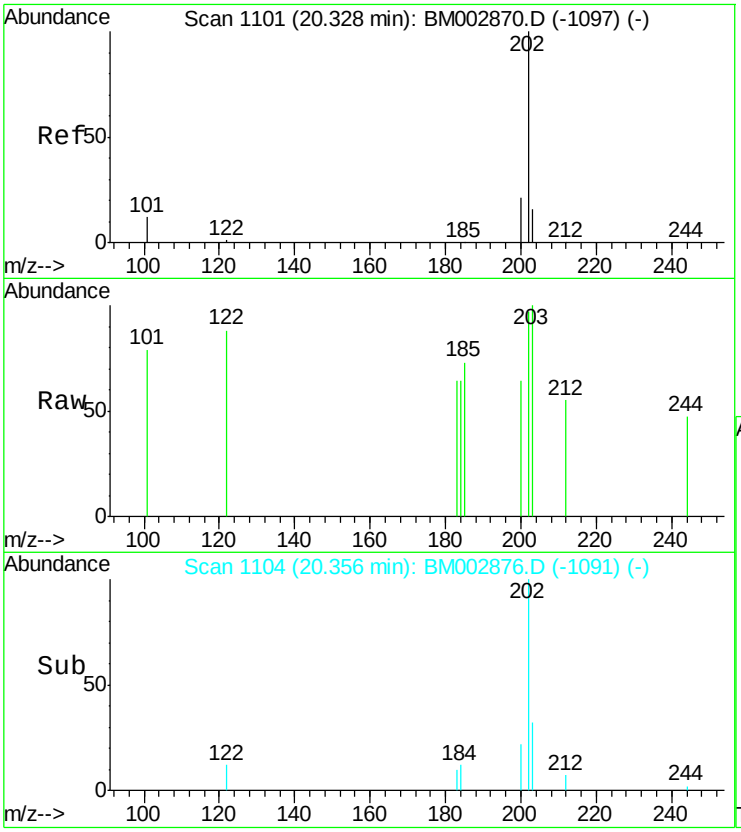


#27
Benzidine
Concen: 0.19 ng
RT: 20.17 min Scan# 1093
Delta R.T. 0.03 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Tgt Ion:184 Resp: 592

Ion	Ratio	Lower	Upper
184	100		
185	49.8	12.0	18.0#
183	42.4	8.9	13.3#



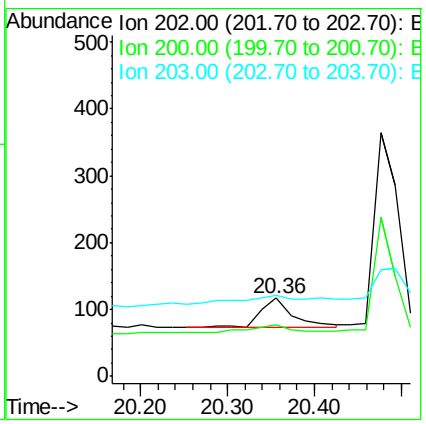


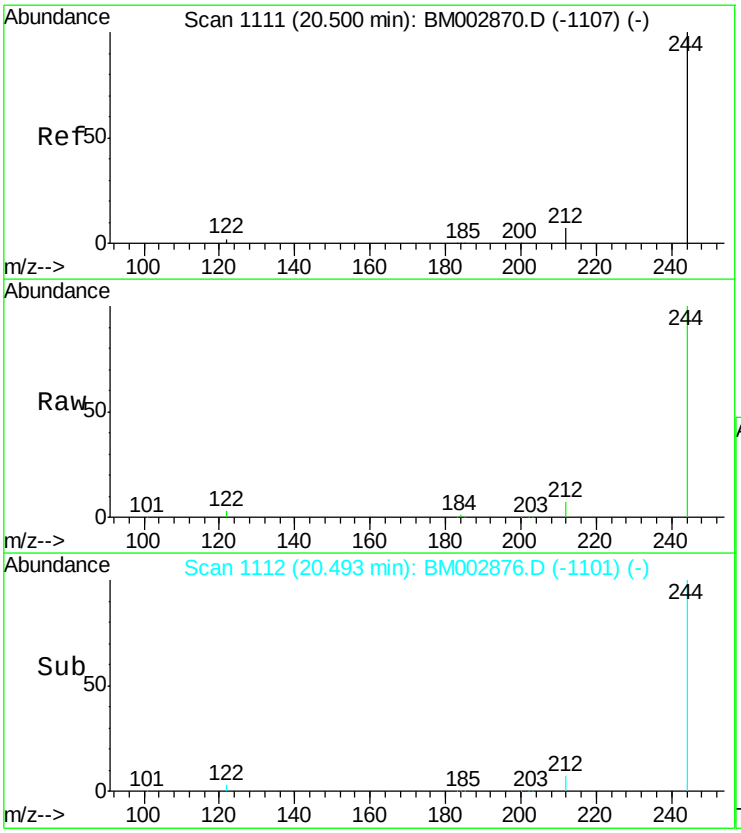
#28
Pyrene
Concen: 0.00 ng
RT: 20.36 min Scan# 1104
Delta R.T. 0.03 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Instrument :
BNA_M
ClientSampleId :
PB85741BL

Tgt Ion:202 Resp: 107

Ion	Ratio	Lower	Upper
202	100		
200	54.2	16.2	24.4#
203	98.1	13.8	20.8#

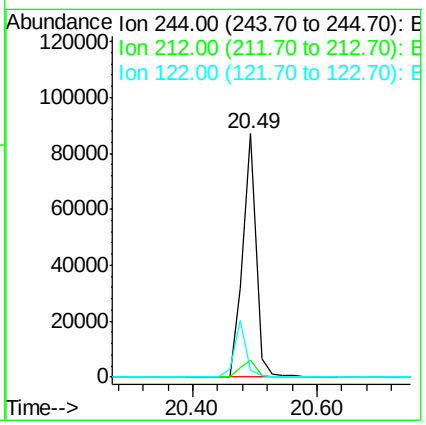


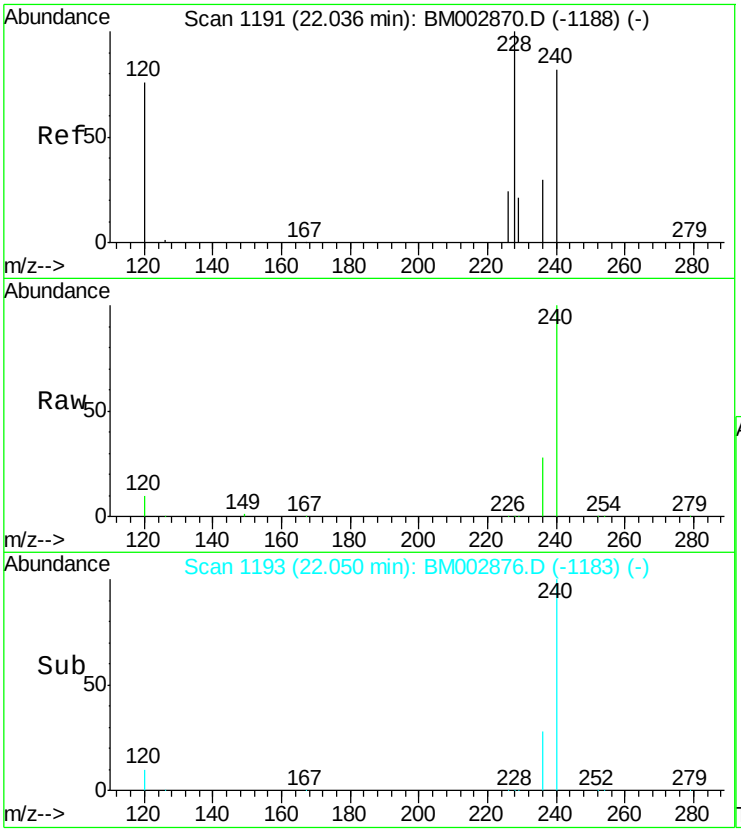


#29
Terphenyl-d14
Concen: 3.78 ng
RT: 20.49 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Tgt Ion:244 Resp: 131681

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	2.9	2.2	3.2



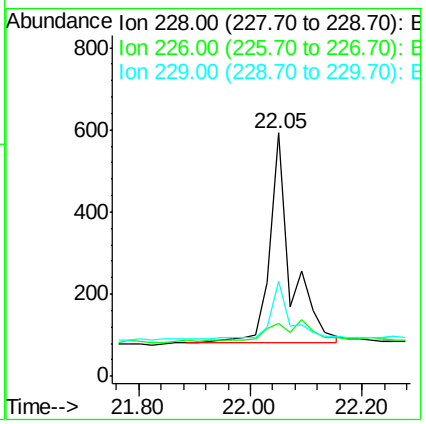


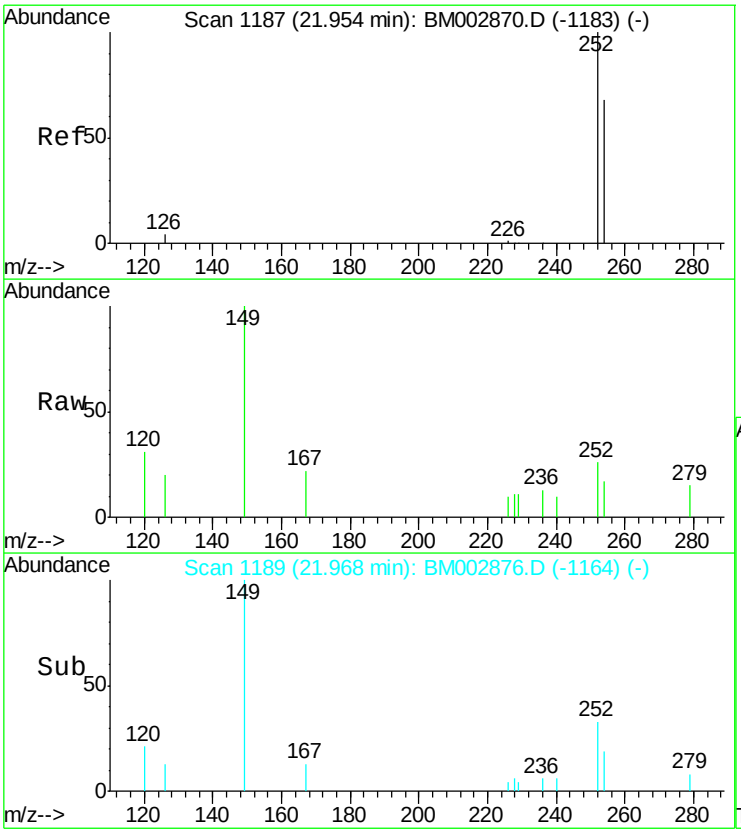
#30
Benzo(a)anthracene
Concen: 0.02 ng
RT: 22.05 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Instrument :
BNA_M
ClientSampleId :
PB85741BL

Tgt Ion:228 Resp: 1355

Ion	Ratio	Lower	Upper
228	100		
226	21.9	19.0	28.6
229	39.1	16.8	25.2#

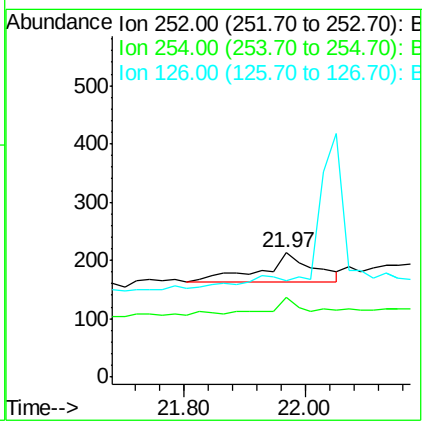


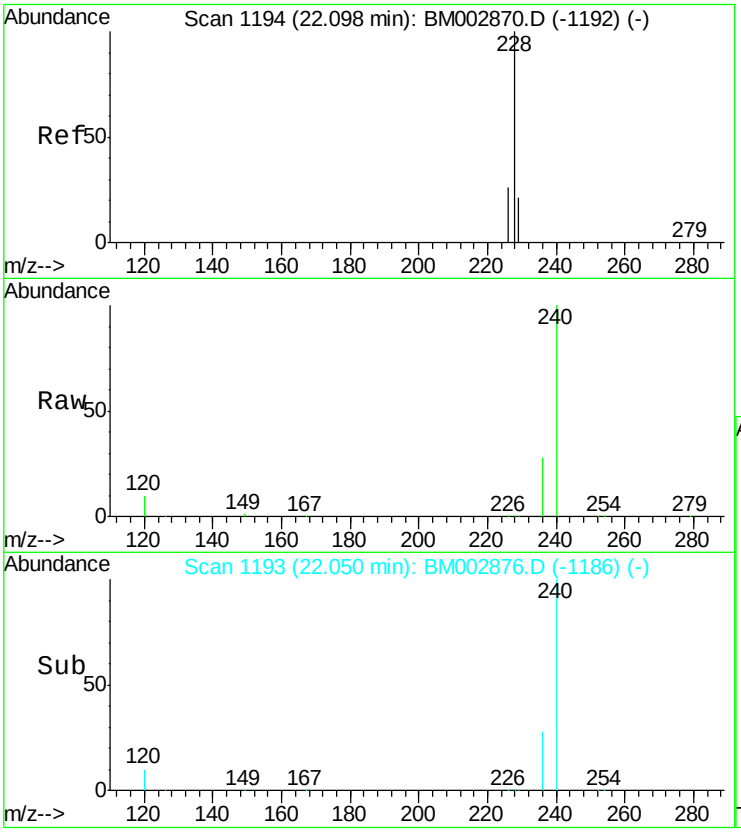


#31
3,3'-Dichlorobenzidine
Concen: 0.01 ng
RT: 21.97 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Tgt Ion:252 Resp: 300

Ion	Ratio	Lower	Upper
252	100		
254	64.3	54.1	81.1
126	77.5	4.1	6.1#



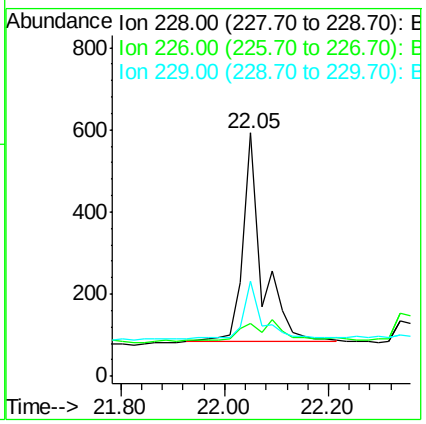


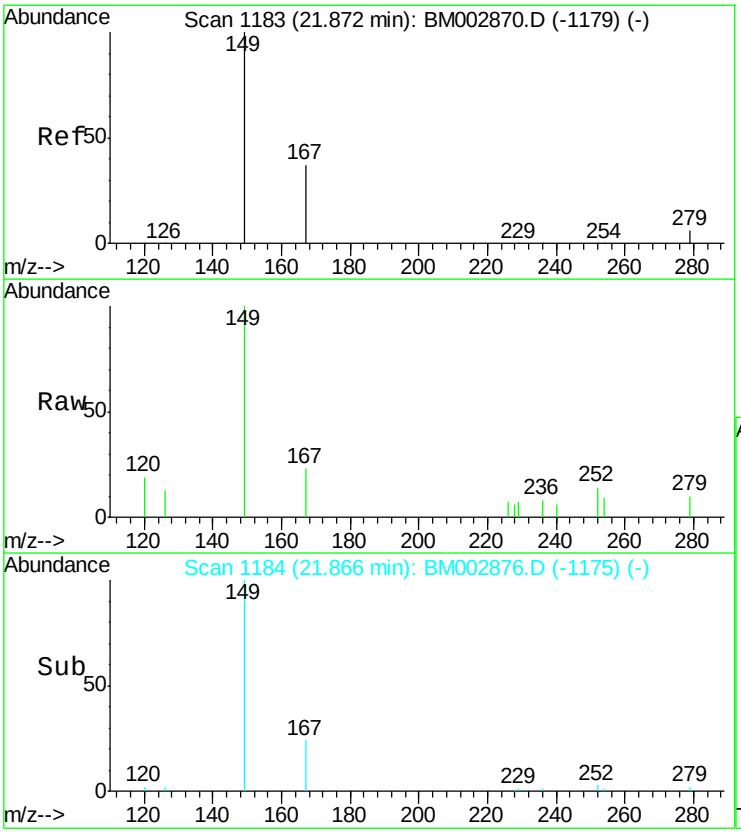
#32
Chrysene
Concen: 0.02 ng
RT: 22.05 min Scan# 1193
Delta R.T. -0.05 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Instrument :
BNA_M
ClientSampleId :
PB85741BL

Tgt Ion:228 Resp: 1328

Ion	Ratio	Lower	Upper
228	100		
226	21.9	20.6	30.8
229	39.1	17.4	26.2#

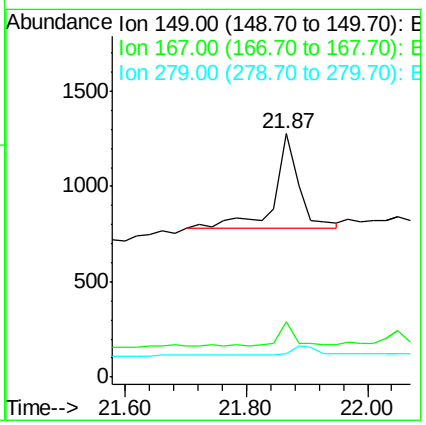


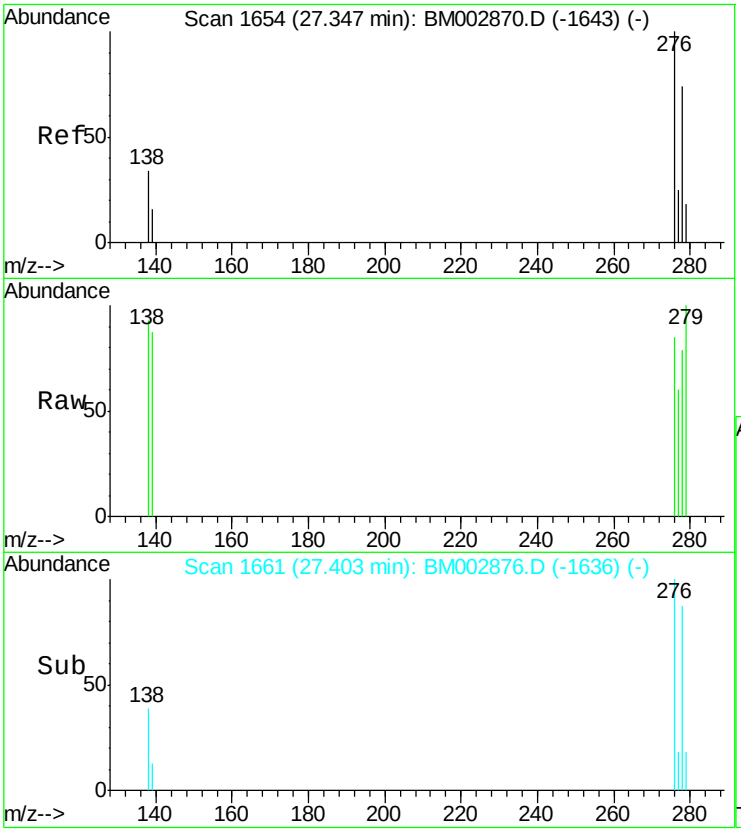


#33
Bis(2-ethylhexyl)phthalate
Concen: 0.03 ng
RT: 21.87 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Tgt Ion:149 Resp: 1377

Ion	Ratio	Lower	Upper
149	100		
167	14.7	17.2	25.8#
279	0.0	2.2	3.4#



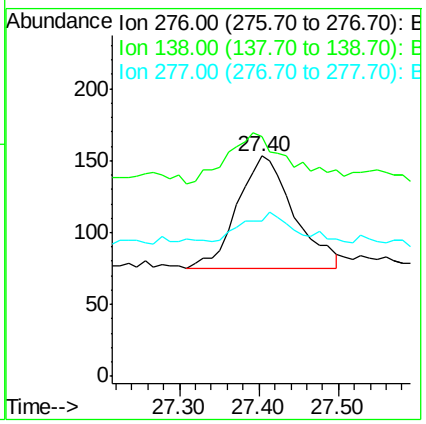


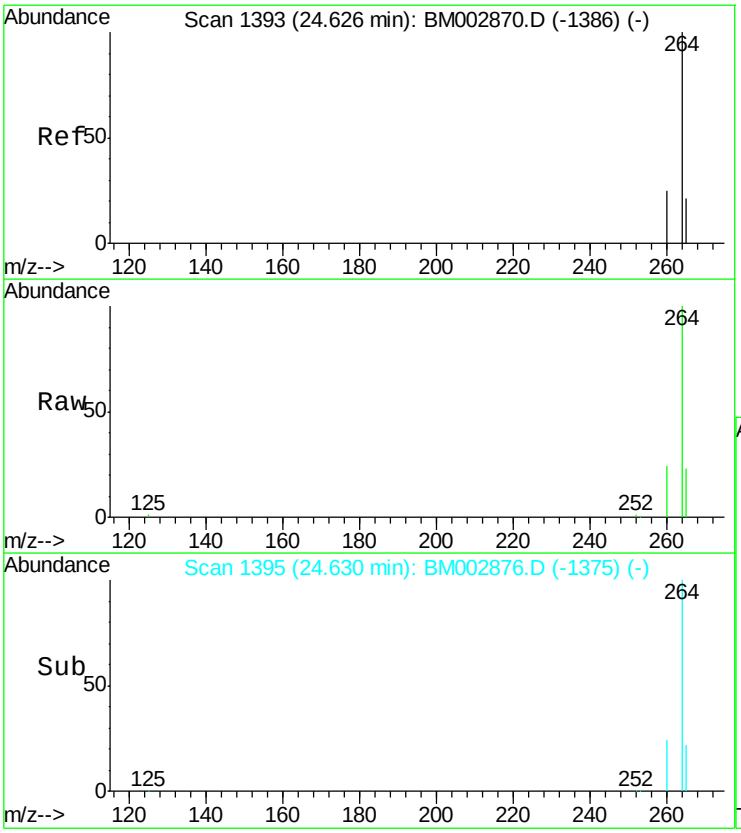
#34
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 27.40 min Scan# 1661
Delta R.T. 0.06 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Instrument :
BNA_M
ClientSampleId :
PB85741BL

Tgt Ion:276 Resp: 390

Ion	Ratio	Lower	Upper
276	100		
138	0.0	29.0	43.6#
277	20.0	19.8	29.8

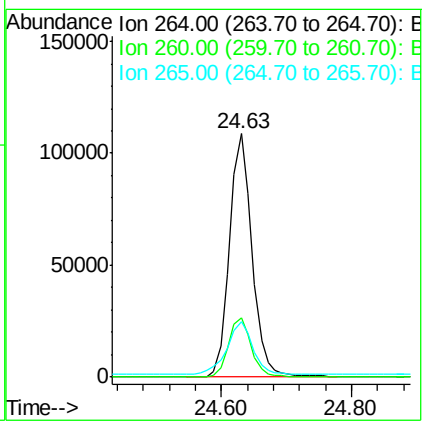


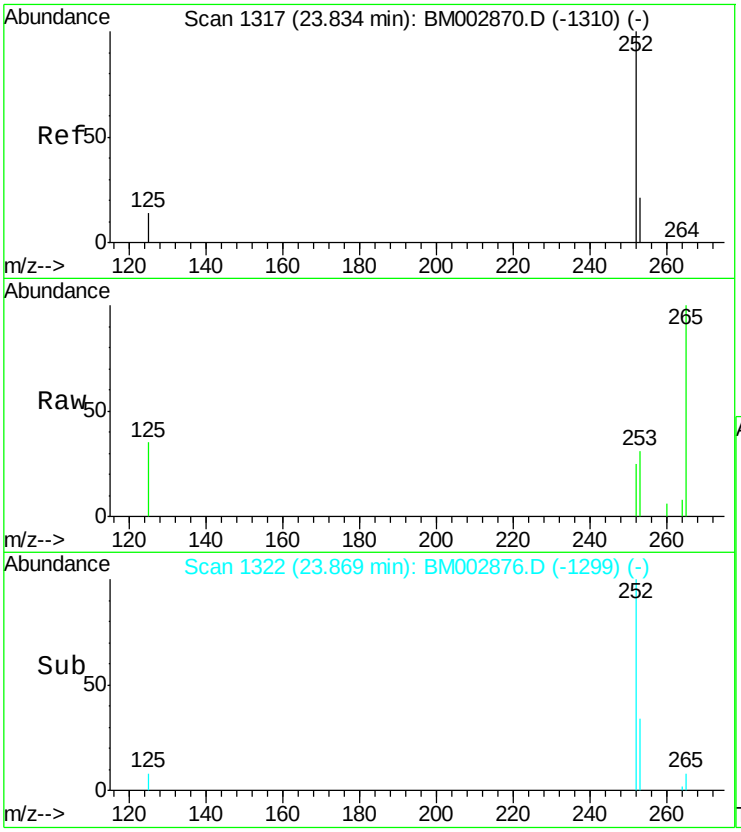


#35
Perylene-d12
Concen: 5.00 ng
RT: 24.63 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Tgt Ion:264 Resp: 260306

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.1	30.1
265	22.7	17.6	26.4



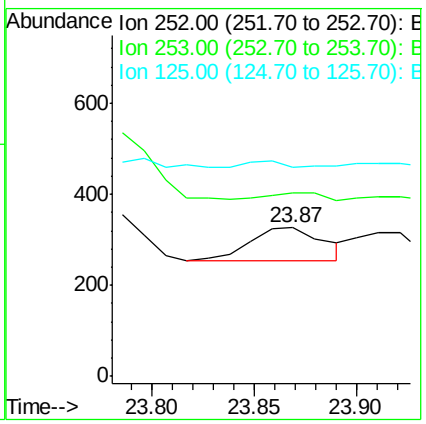


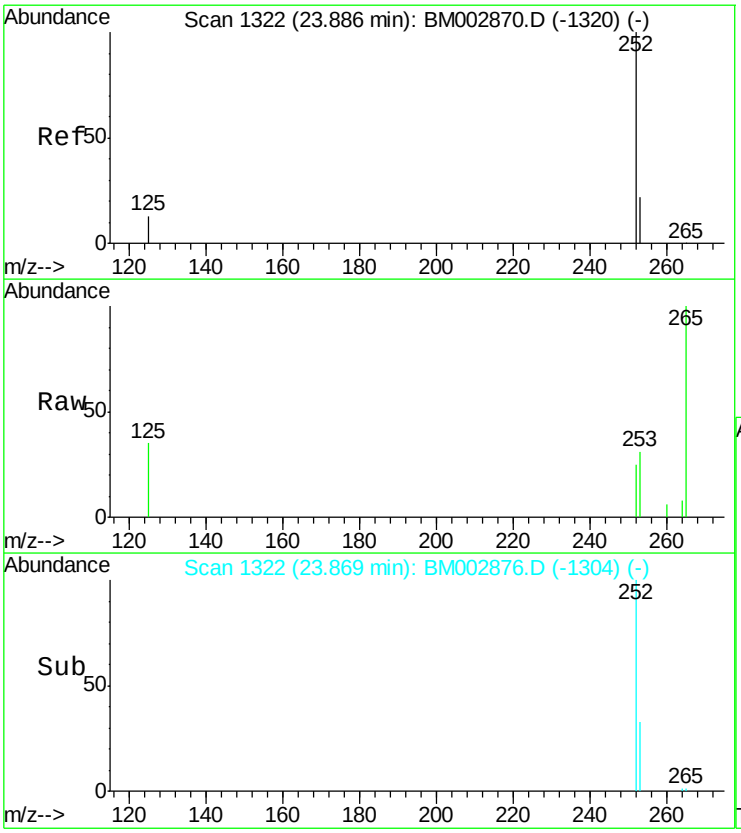
#36
Benzo(b)fluoranthene
Concen: 0.00 ng
RT: 23.87 min Scan# 1322
Delta R.T. 0.04 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Instrument :
BNA_M
ClientSampleId :
PB85741BL

Tgt Ion:252 Resp: 181

Ion	Ratio	Lower	Upper
252	100		
253	123.9	17.5	26.3#
125	141.1	12.4	18.6#

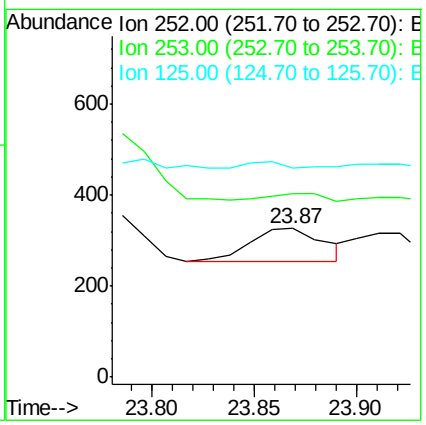


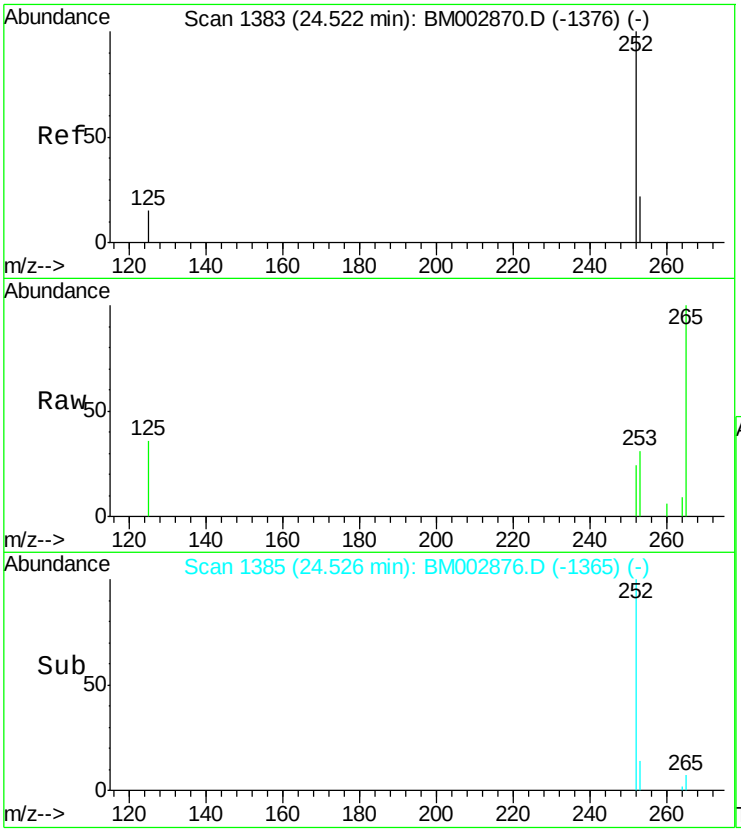


#37
Benzo(k)fluoranthene
Concen: 0.00 ng
RT: 23.87 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Tgt Ion:252 Resp: 181

Ion	Ratio	Lower	Upper
252	100		
253	123.9	17.9	26.9#
125	141.1	12.3	18.5#



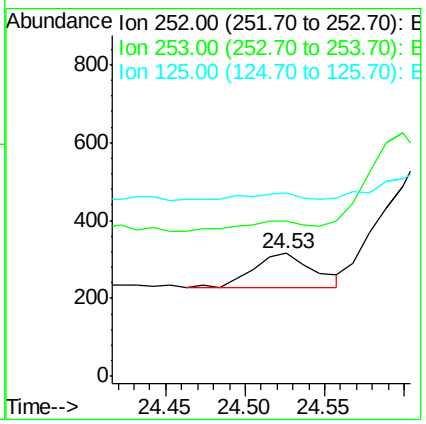


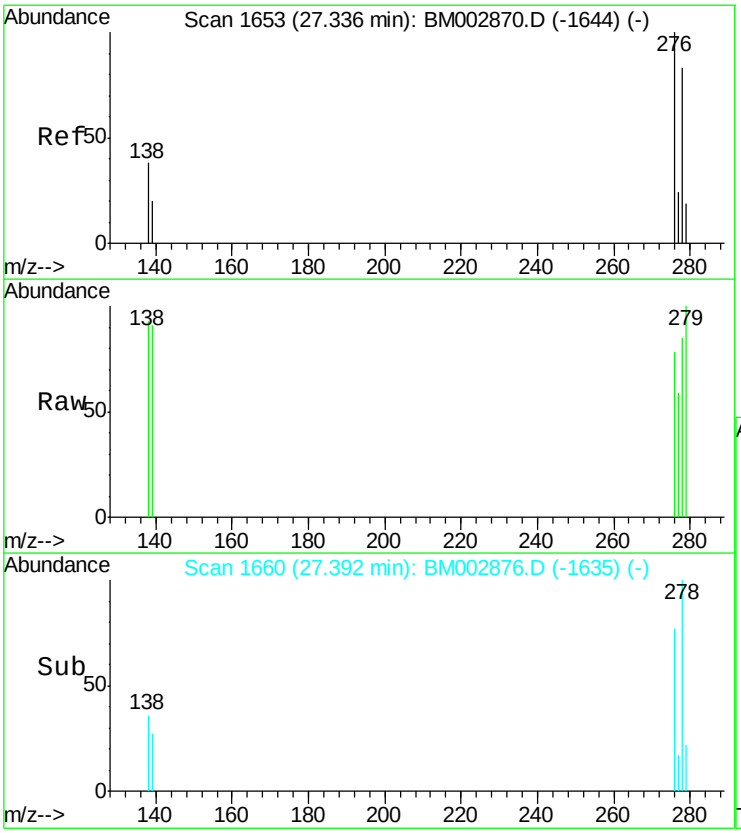
#38
Benzo(a)pyrene
Concen: 0.00 ng
RT: 24.53 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Instrument :
BNA_M
ClientSampleId :
PB85741BL

Tgt Ion:252 Resp: 226

Ion	Ratio	Lower	Upper
252	100		
253	126.6	18.4	27.6#
125	149.4	13.3	19.9#

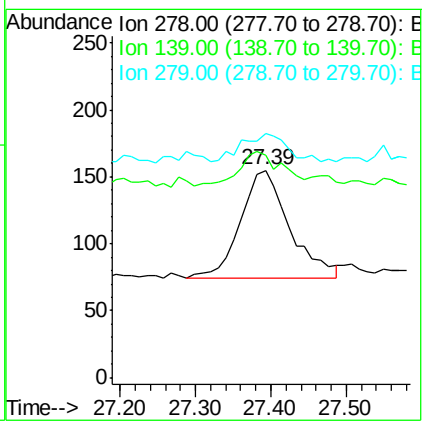


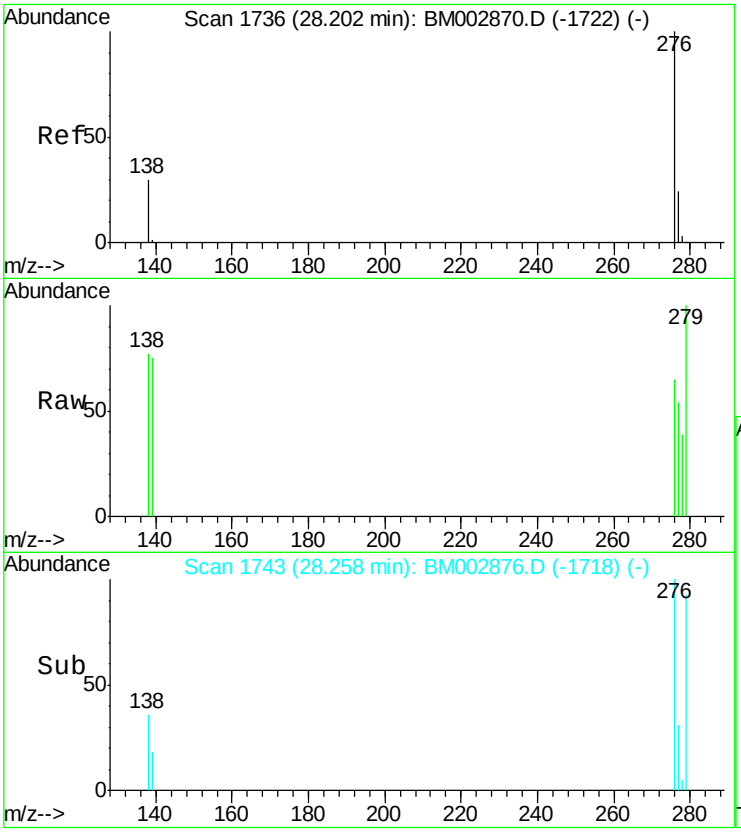


#39
Dibenzo(a,h)anthracene
Concen: 0.01 ng
RT: 27.39 min Scan# 1660
Delta R.T. 0.06 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Tgt Ion:278 Resp: 368

Ion	Ratio	Lower	Upper
278	100		
139	107.1	19.8	29.6#
279	117.4	19.1	28.7#





#40
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 28.26 min Scan# 1743
Delta R.T. 0.06 min
Lab File: BM002876.D
Acq: 08 Oct 2015 22:47

Instrument :
BNA_M
ClientSampleId :
PB85741BL

Tgt Ion:276 Resp: 270

Ion	Ratio	Lower	Upper
276	100		
277	83.5	19.4	29.0#
138	118.8	24.4	36.6#