Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100815\
Data File : BM002875.D
Acq On : 08 Oct 2015 22:11
Operator : UM/IZ
Sample : PB85741BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB85741BS

Quant Time: Oct 09 04:00:45 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	8.66	152	82785	5.00	ng		-0.02
7) Naphthalene-d8	11.50	136	336489	5.00	ng		-0.02
13) Acenaphthene-d10	15.25	164	174958	5.00	ng		0.00
19) Phenanthrene-d10	17.95	188	363841	5.00	ng		0.00
26) Chrysene-d12	22.06	240	307831	5.00	ng		0.00
35) Perylene-d12	24.63	264	250548	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	6.13	112	116387	6.58	ng		-0.02
5) Phenol-d6	7.79	99	156507	7.15	ng		-0.02
8) Nitrobenzene-d5	9.86	82	65912	3.89	ng		-0.01
14) 2,4,6-Tribromophenol	16.72	330	49683	8.58	ng		-0.02
15) 2-Fluorobiphenyl	13.89	172	205919	3.89	ng		-0.01
29) Terphenyl-d14	20.48	244	205253	5.00	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	24244	3.45	ng		98
3) n-Nitrosodimethylamine	4.16	42	23726	3.68	ng	#	98
6) bis(2-Chloroethyl)ether	8.04	93	71689	3.32	ng		97
9) Nitrobenzene	9.90	77	69512	3.88	ng		98
10) Naphthalene	11.56	128	257710	3.45	ng		96
11) Hexachlorobutadiene	11.81	225	40576	3.43	ng		100
12) 2-Methylnaphthalene	13.13	142	180366	3.63	ng		96
16) Acenaphthylene	14.99	152	288020	3.88	ng	#	75
17) Acenaphthene	15.30	154	170420	3.55	ng	#	100
18) Fluorene	16.27	166	220766	3.76	ng	#	94
20) 4-Bromophenyl-phenylether	17.13	248	76234	4.39	ng		92
21) Hexachlorobenzene	17.29	284	74151	3.49	ng	#	49
22) Pentachlorophenol	17.62	266	24012	7.67	ng	#	90
23) Phenanthrene	18.00	178	380765	3.58	ng		99
24) Anthracene	18.00	178	380101	4.22	ng		99
25) Fluoranthene	19.97	202	435340	3.69	ng		99
27) Benzidine	20.12	184	427023	8.63	ng		98
28) Pyrene	20.33	202	450904	5.43	ng		99
30) Benzo(a)anthracene	22.04	228	368248	4.17	ng		98
31) 3,3'-Dichlorobenzidine	21.95	252	134574	3.97	ng	#	90
32) Chrysene	22.04	228	368248	4.45	ng		97
33) Bis(2-ethylhexyl)phthalate	21.85	149	247072	4.59	ng	#	59
34) Indeno(1,2,3-cd)pyrene	27.34	276	313218	3.16	ng		100
36) Benzo(b)fluoranthene	23.83	252	335813	4.68	ng		98
37) Benzo(k)fluoranthene	23.89	252	324994	4.69	ng		98
38) Benzo(a)pyrene	24.51	252	304376	4.61	ng		98
39) Dibenzo(a,h)anthracene	27.34	278	254511	3.96	ng		98
40) Benzo(g,h,i)perylene	28.18	276	261853	3.95	ng		99

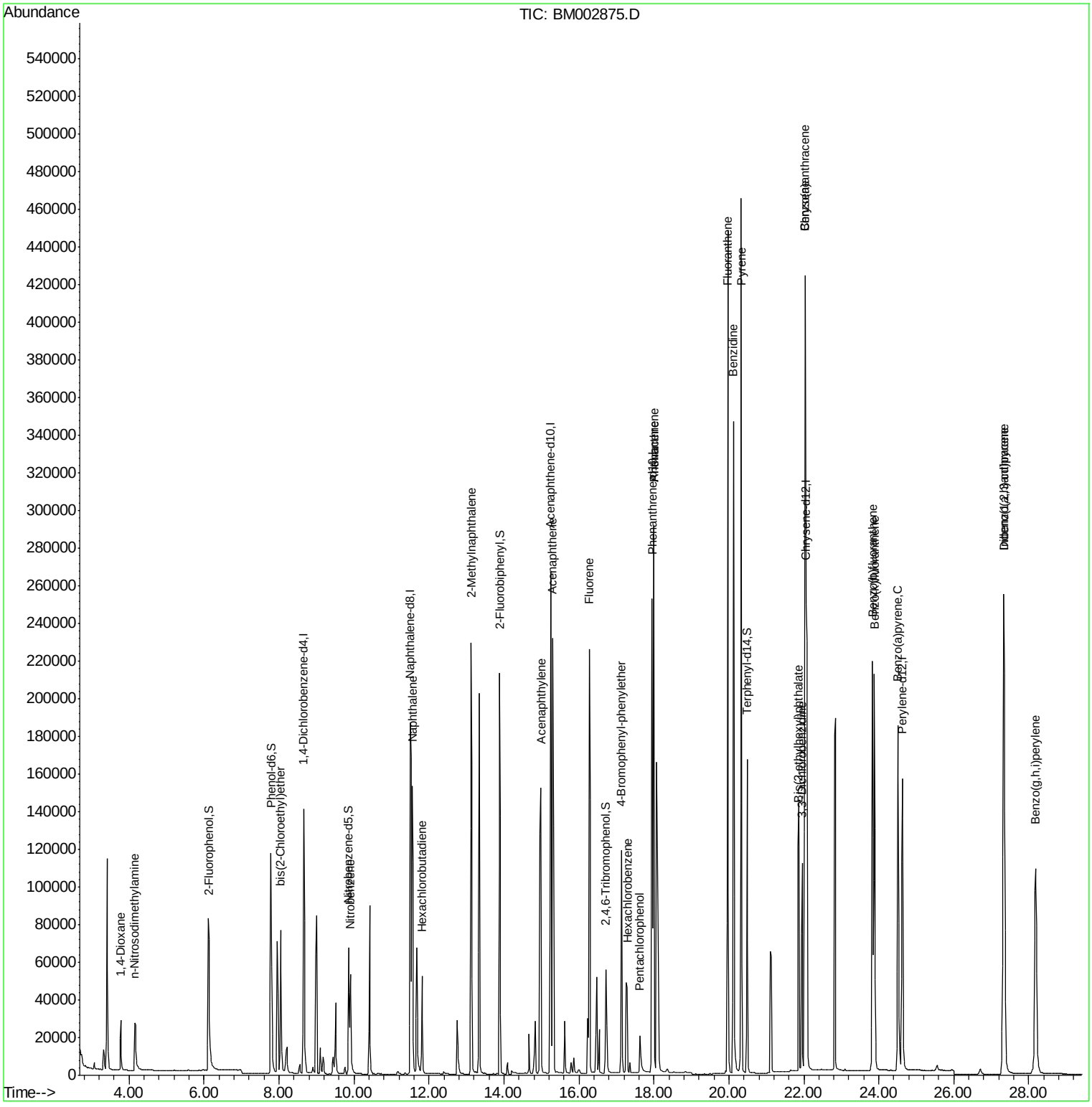
(#) = qualifier out of range (m) = manual integration (+) = signals summed

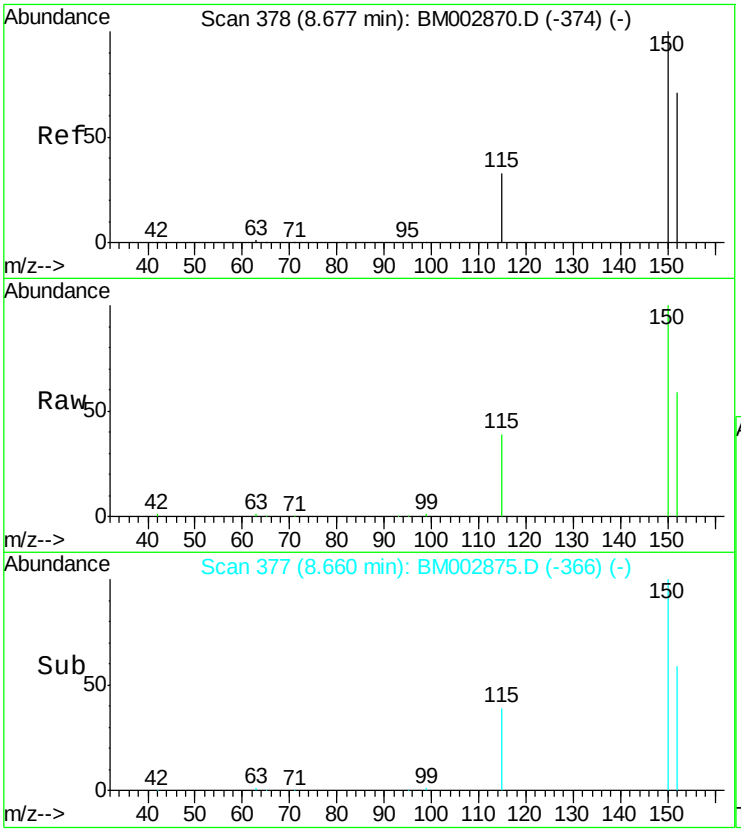
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100815\
Data File : BM002875.D
Acq On : 08 Oct 2015 22:11
Operator : UM/IZ
Sample : PB85741BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB85741BS

Quant Time: Oct 09 04:00:45 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



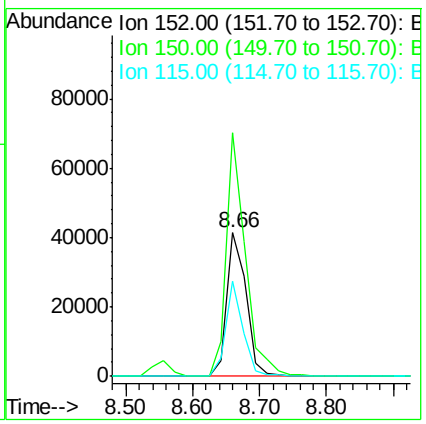


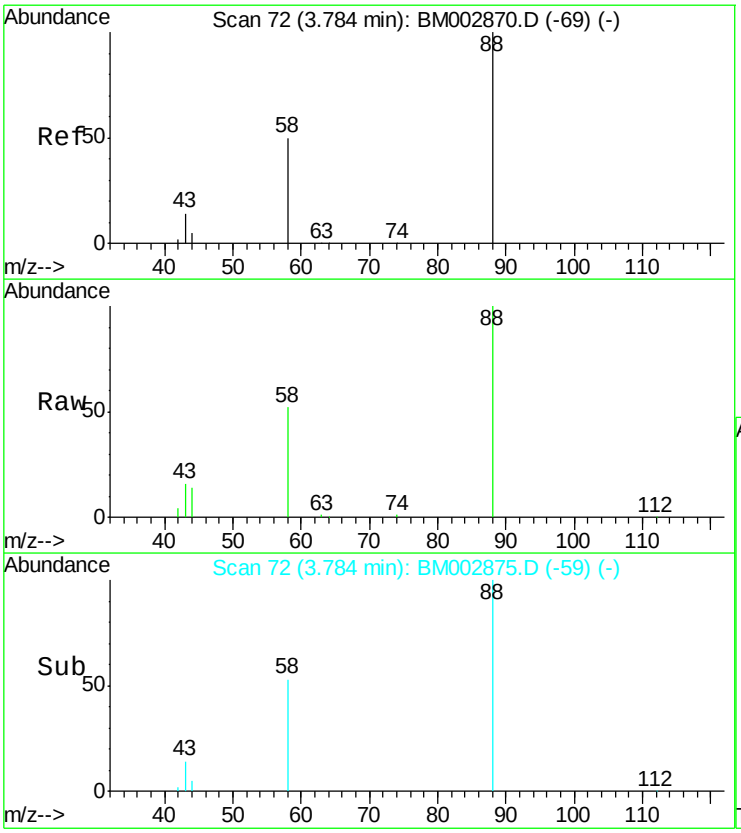
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.66 min Scan# 377
Delta R.T. -0.02 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Instrument :
BNA_M
ClientSampleId :
PB85741BS

Tgt Ion:152 Resp: 82785

Ion	Ratio	Lower	Upper
152	100		
150	169.5	113.0	169.6
115	66.1	37.9	56.9#

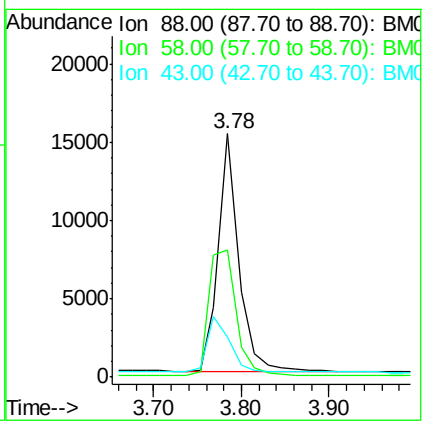


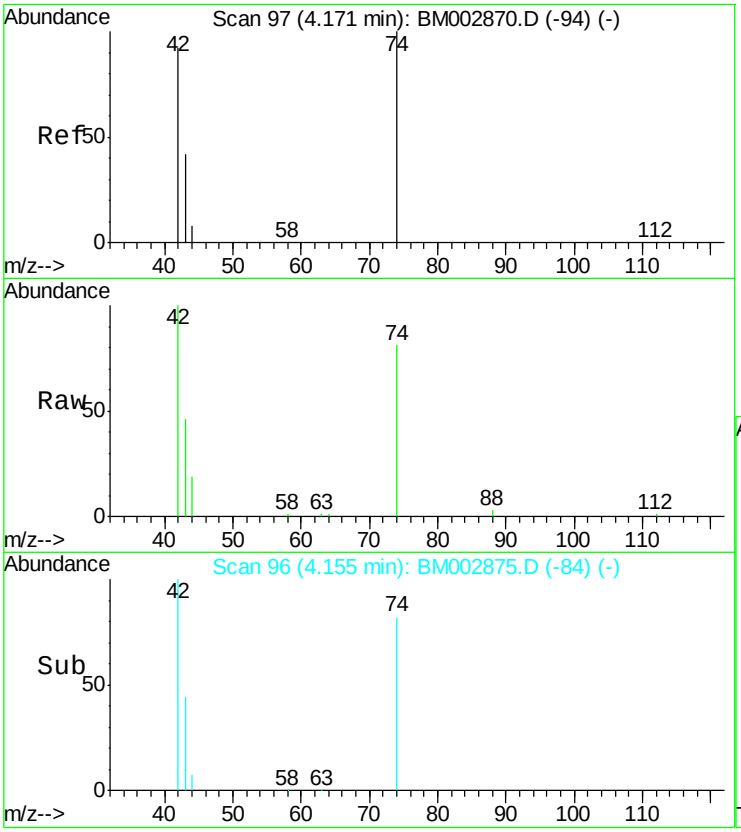


#2
1,4-Dioxane
Concen: 3.45 ng
RT: 3.78 min Scan# 72
Delta R.T. 0.00 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Tgt Ion: 88 Resp: 24244

Ion	Ratio	Lower	Upper
88	100		
58	72.0	56.7	85.1
43	25.9	22.0	33.0



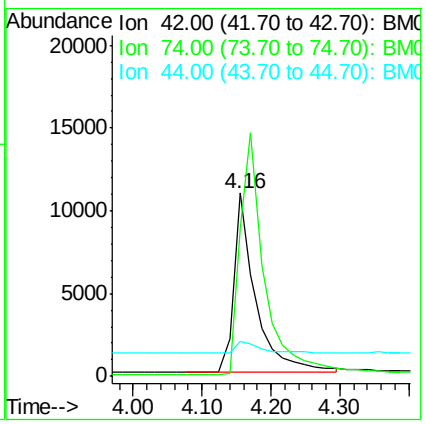


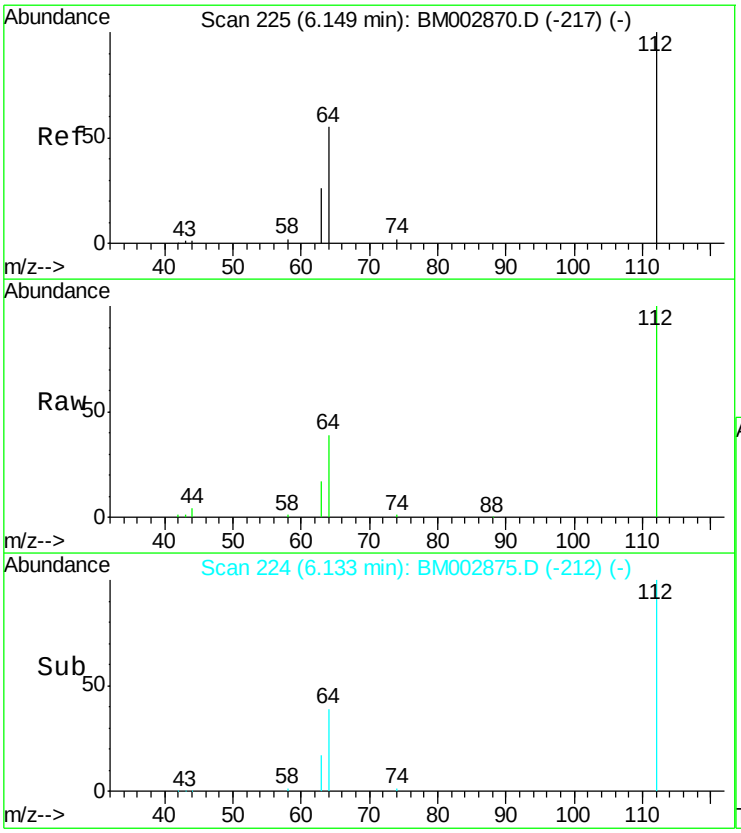
#3
n-Nitrosodimethylamine
Concen: 3.68 ng
RT: 4.16 min Scan# 96
Delta R.T. -0.02 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Instrument :
BNA_M
ClientSampleId :
PB85741BS

Tgt Ion: 42 Resp: 23726

Ion	Ratio	Lower	Upper
42	100		
74	150.7	119.7	179.5
44	8.0	9.8	14.6#

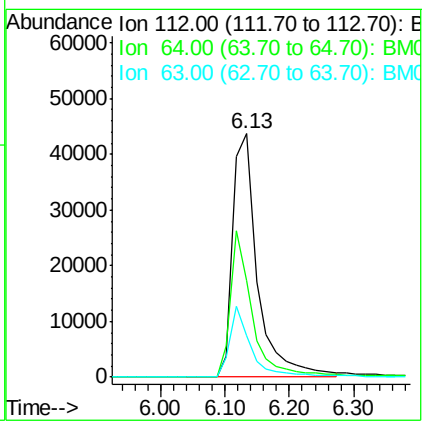


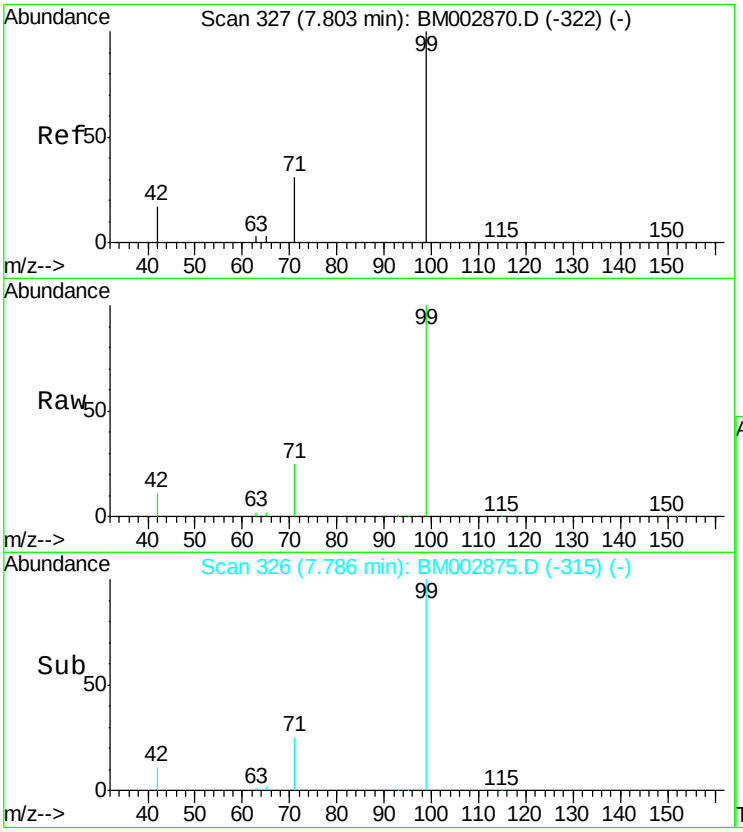


#4
2-Fluorophenol
Concen: 6.58 ng
RT: 6.13 min Scan# 224
Delta R.T. -0.02 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Tgt Ion:112 Resp: 116387

Ion	Ratio	Lower	Upper
112	100		
64	51.9	42.0	63.0
63	24.6	20.0	30.0



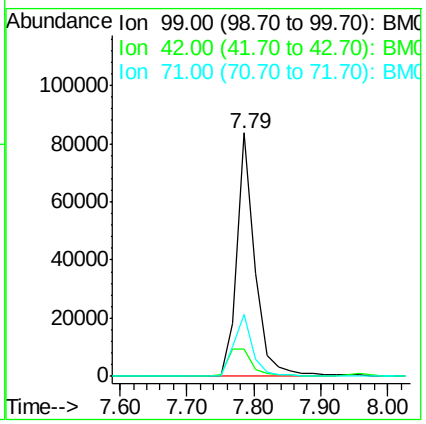


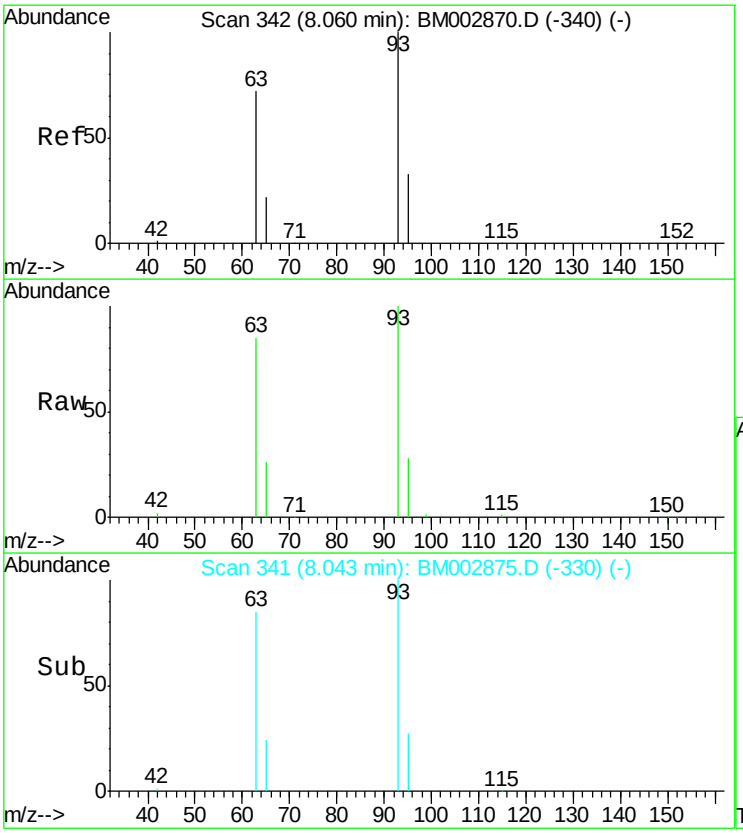
#5
Phenol-d6
Concen: 7.15 ng
RT: 7.79 min Scan# 326
Delta R.T. -0.02 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Instrument :
BNA_M
ClientSampleId :
PB85741BS

Tgt Ion: 99 Resp: 156507

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.4	18.6
71	26.6	21.4	32.0

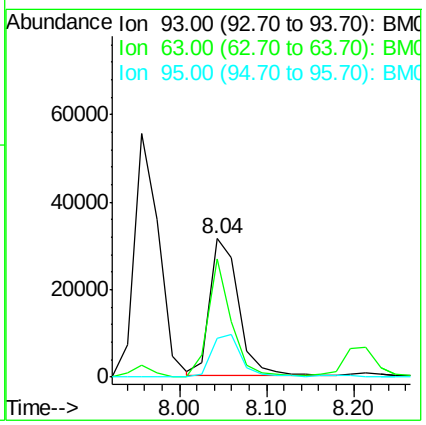


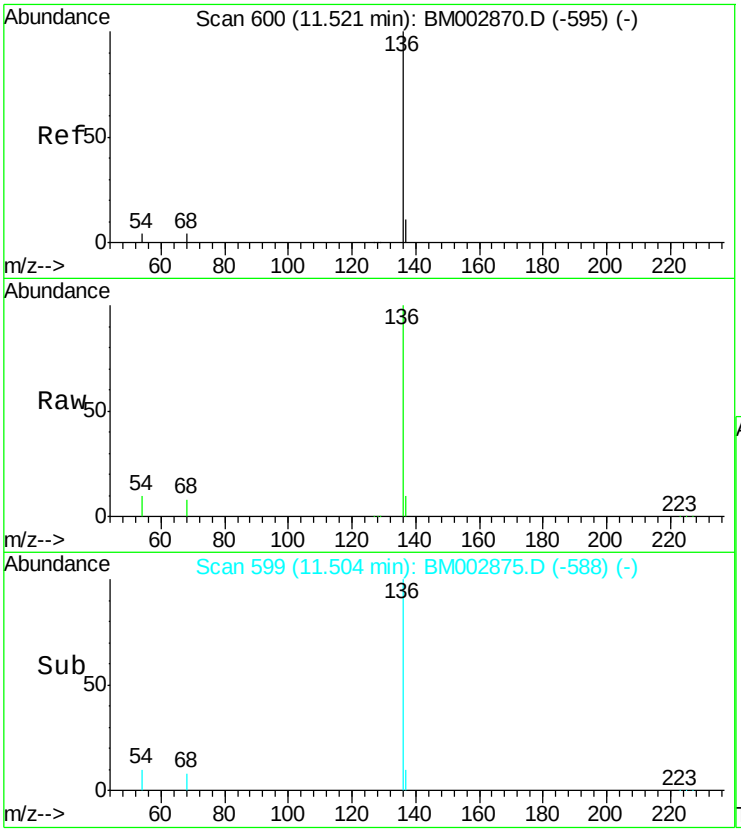


#6
bis(2-Chloroethyl)ether
Concen: 3.32 ng
RT: 8.04 min Scan# 341
Delta R.T. -0.02 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Tgt Ion: 93 Resp: 71689

Ion	Ratio	Lower	Upper
93	100		
63	69.0	52.9	79.3
95	31.8	25.2	37.8



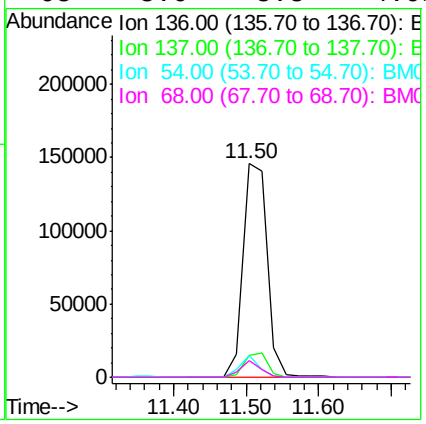


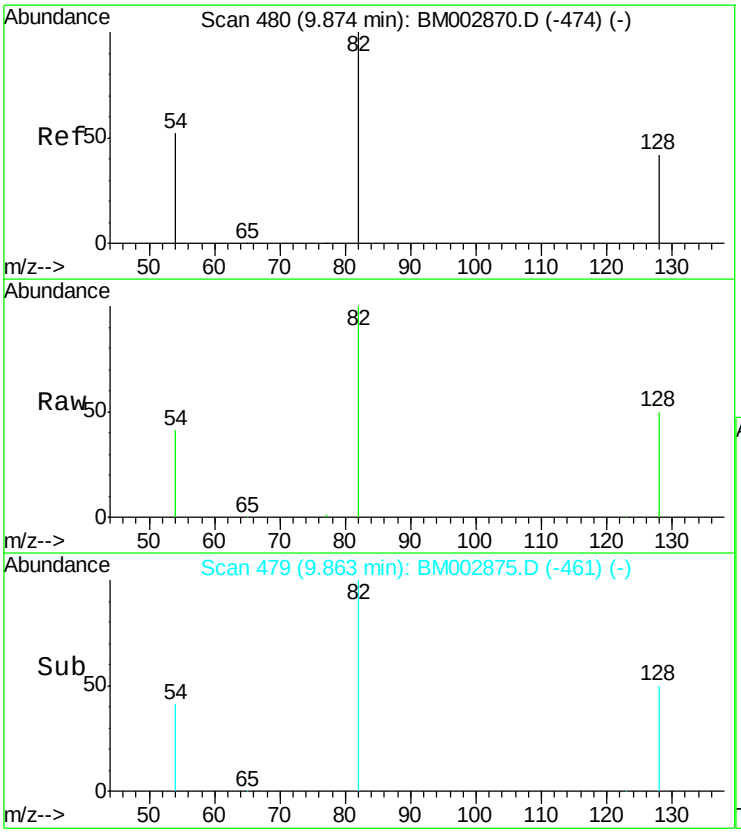
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 11.50 min Scan# 599
Delta R.T. -0.02 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Instrument :
BNA_M
ClientSampleId :
PB85741BS

Tgt Ion:136 Resp: 336489

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.1	13.7
54	9.9	3.5	5.3#
68	8.0	3.3	4.9#

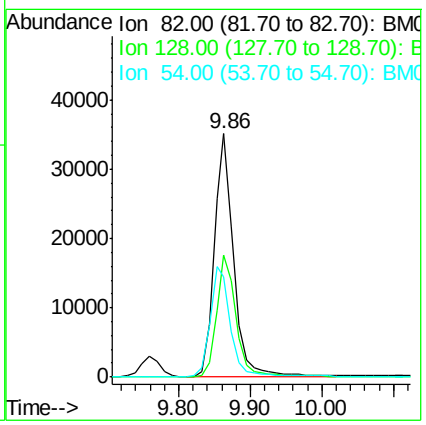


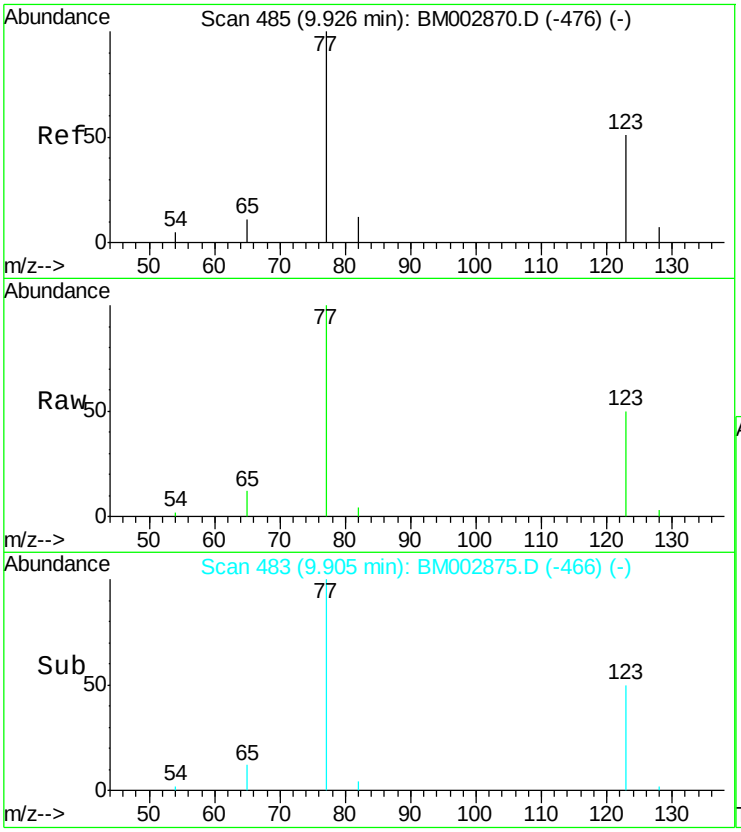


#8
Nitrobenzene-d5
Concen: 3.89 ng
RT: 9.86 min Scan# 479
Delta R.T. -0.01 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Tgt Ion: 82 Resp: 65912

Ion	Ratio	Lower	Upper
82	100		
128	50.2	34.1	51.1
54	41.2	42.6	63.8#



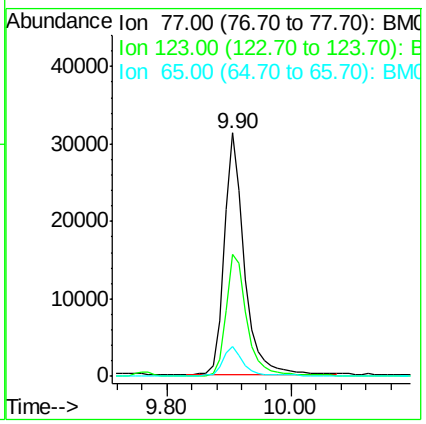


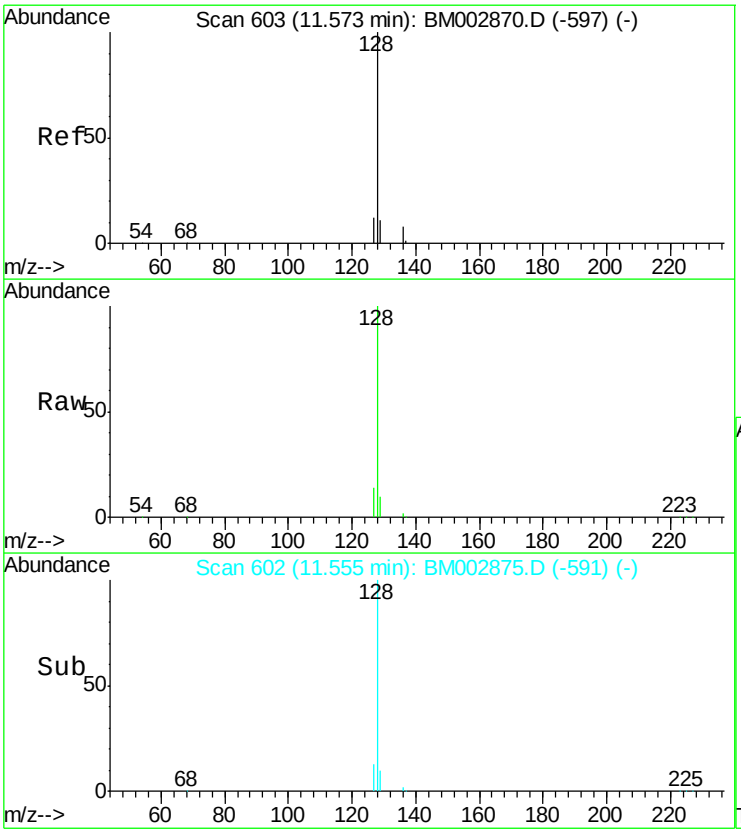
#9
Nitrobenzene
Concen: 3.88 ng
RT: 9.90 min Scan# 483
Delta R.T. -0.02 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Instrument :
BNA_M
ClientSampleId :
PB85741BS

Tgt Ion: 77 Resp: 69512

Ion	Ratio	Lower	Upper
77	100		
123	52.9	41.0	61.4
65	12.2	9.7	14.5

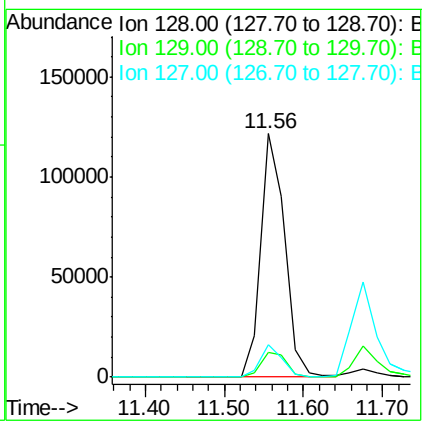


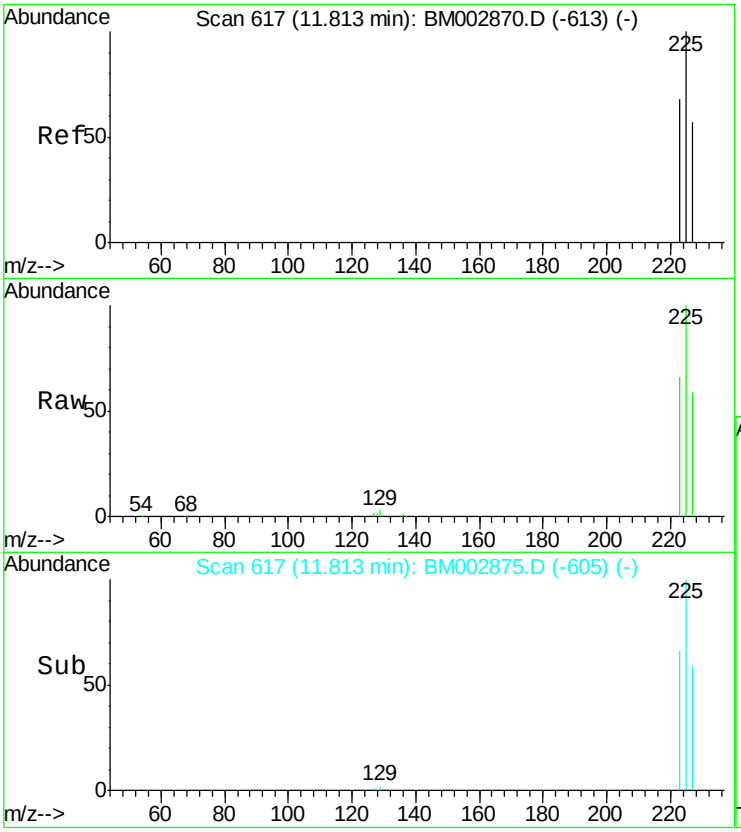


#10
Naphthalene
Concen: 3.45 ng
RT: 11.56 min Scan# 602
Delta R.T. -0.02 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Tgt Ion:128 Resp: 257710

Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.4	14.2
127	13.5	9.6	14.4



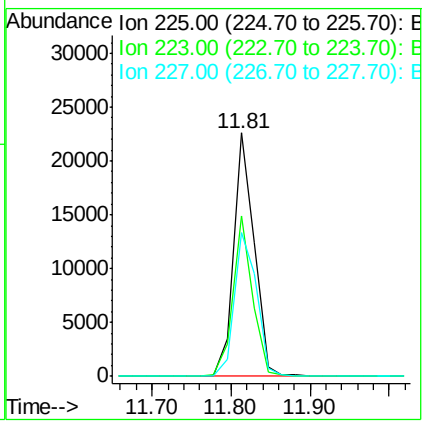


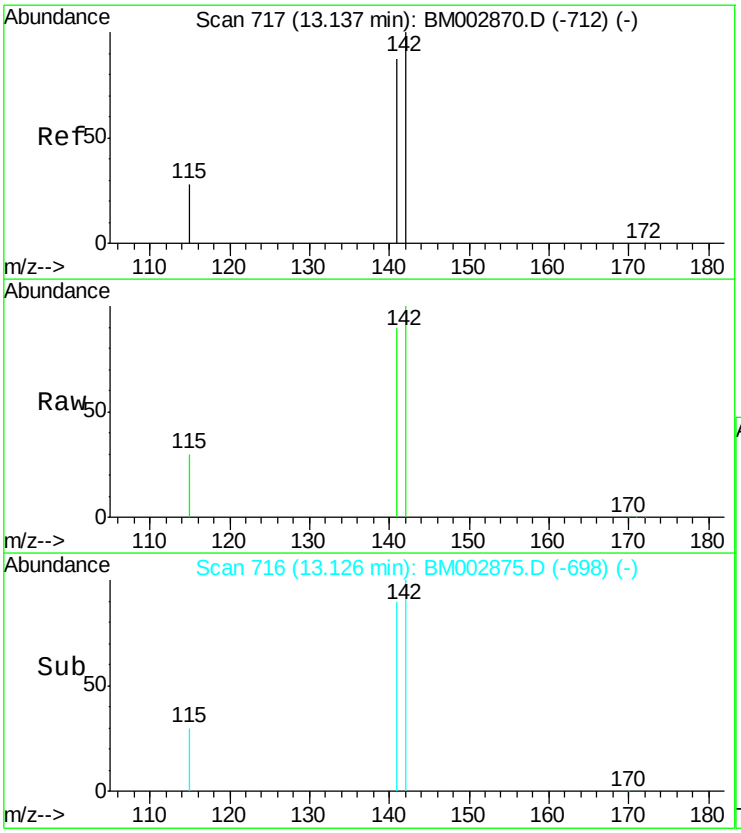
#11
Hexachlorobutadiene
Concen: 3.43 ng
RT: 11.81 min Scan# 617
Delta R.T. -0.00 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Instrument :
BNA_M
ClientSampleId :
PB85741BS

Tgt Ion:225 Resp: 40576

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.1	75.1
227	63.8	51.2	76.8

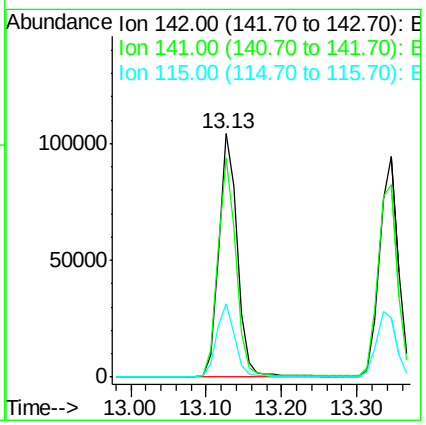


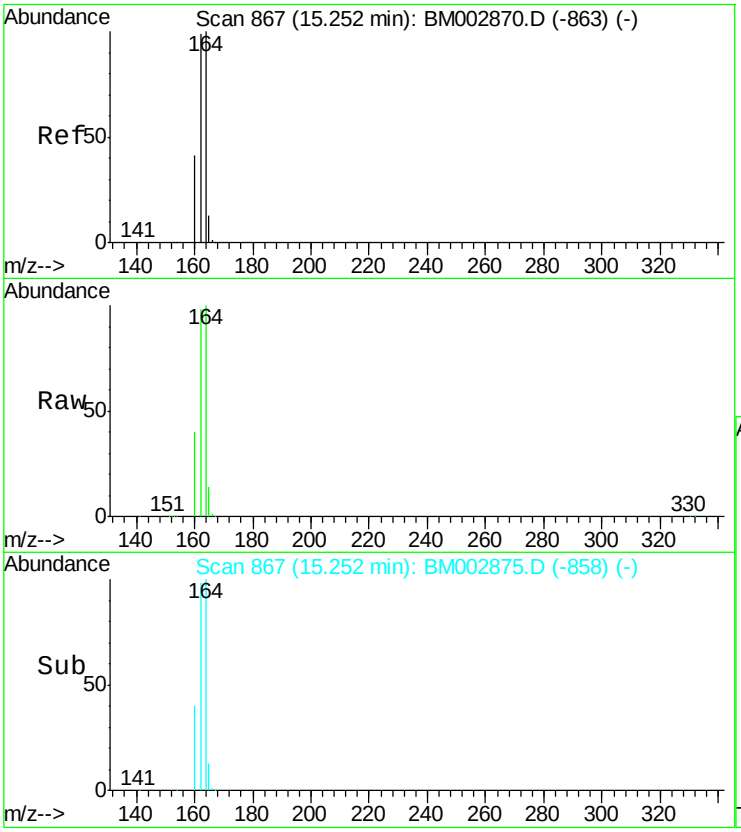


#12
2-Methylnaphthalene
Concen: 3.63 ng
RT: 13.13 min Scan# 716
Delta R.T. -0.01 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Tgt Ion:142 Resp: 180366

Ion	Ratio	Lower	Upper
142	100		
141	90.2	69.4	104.0
115	30.1	22.7	34.1



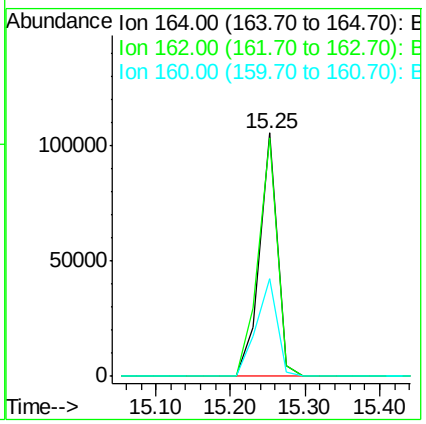


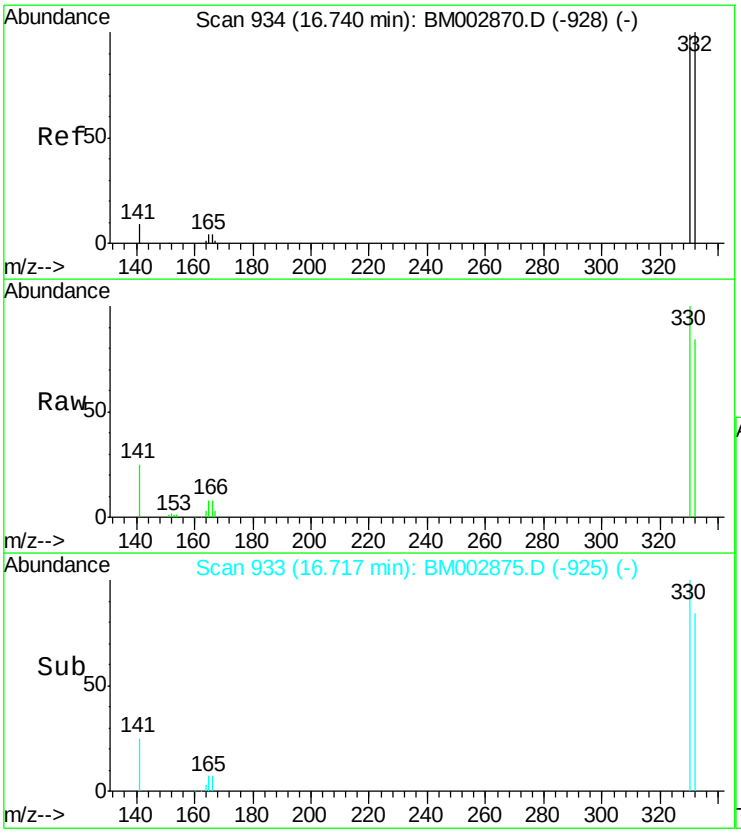
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 15.25 min Scan# 867
Delta R.T. -0.00 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Instrument :
BNA_M
ClientSampleId :
PB85741BS

Tgt Ion:164 Resp: 174958

Ion	Ratio	Lower	Upper
164	100		
162	97.8	79.6	119.4
160	40.1	33.1	49.7

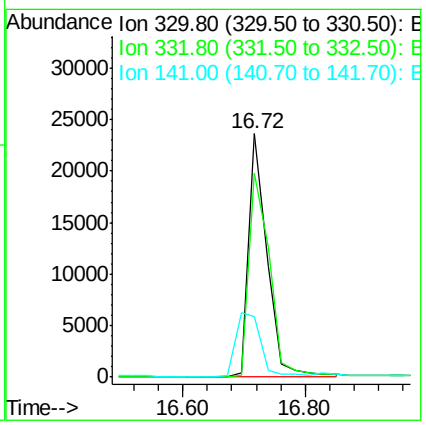


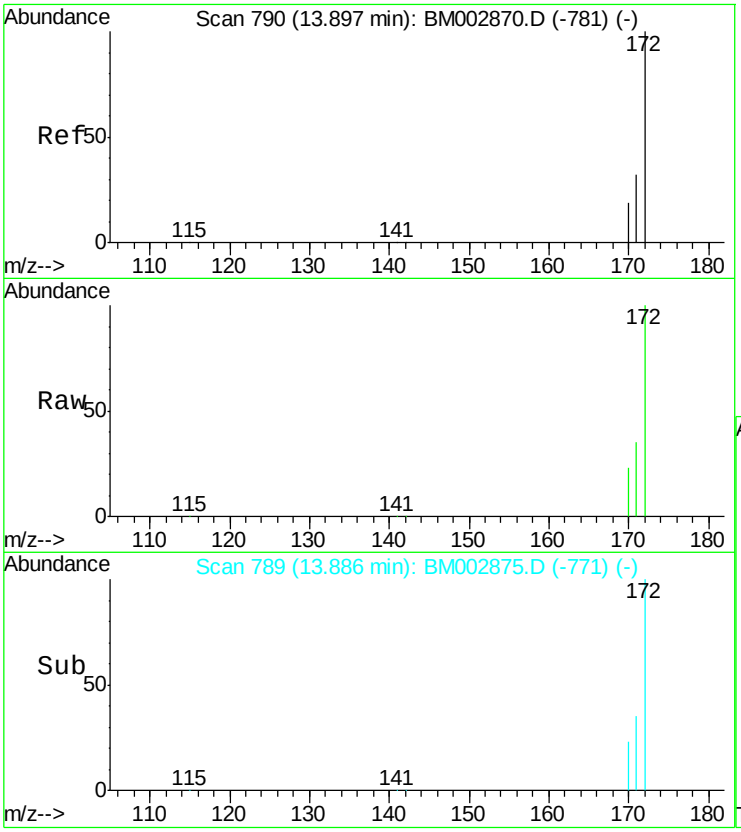


#14
2,4,6-Tribromophenol
Concen: 8.58 ng
RT: 16.72 min Scan# 933
Delta R.T. -0.02 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Tgt Ion:330 Resp: 49683

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.6	115.0
141	0.0	0.0	0.0



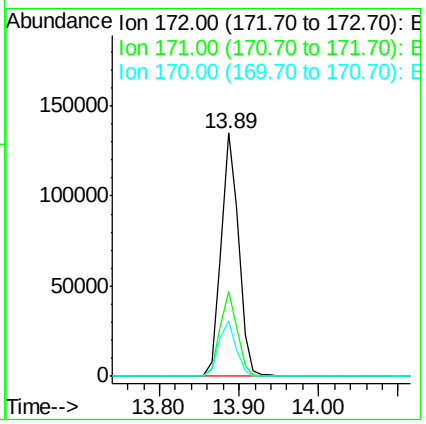


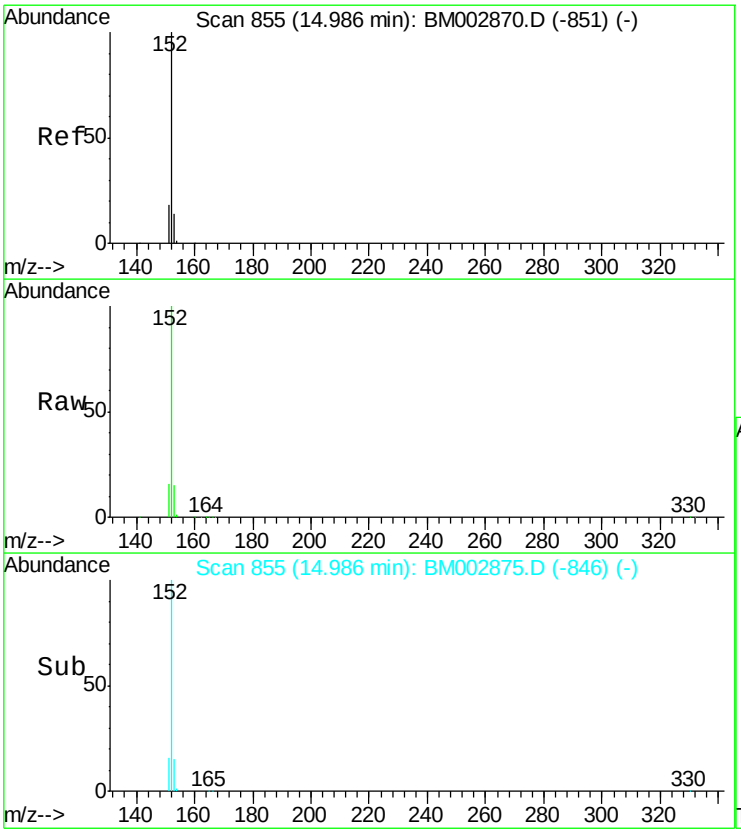
#15
2-Fluorobiphenyl
Concen: 3.89 ng
RT: 13.89 min Scan# 789
Delta R.T. -0.01 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Instrument :
BNA_M
ClientSampleId :
PB85741BS

Tgt Ion:172 Resp: 205919

Ion	Ratio	Lower	Upper
172	100		
171	35.0	26.1	39.1
170	22.6	15.7	23.5

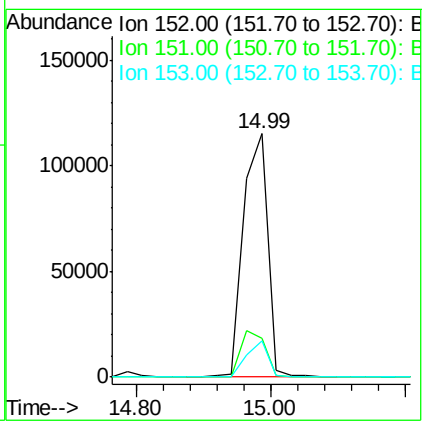


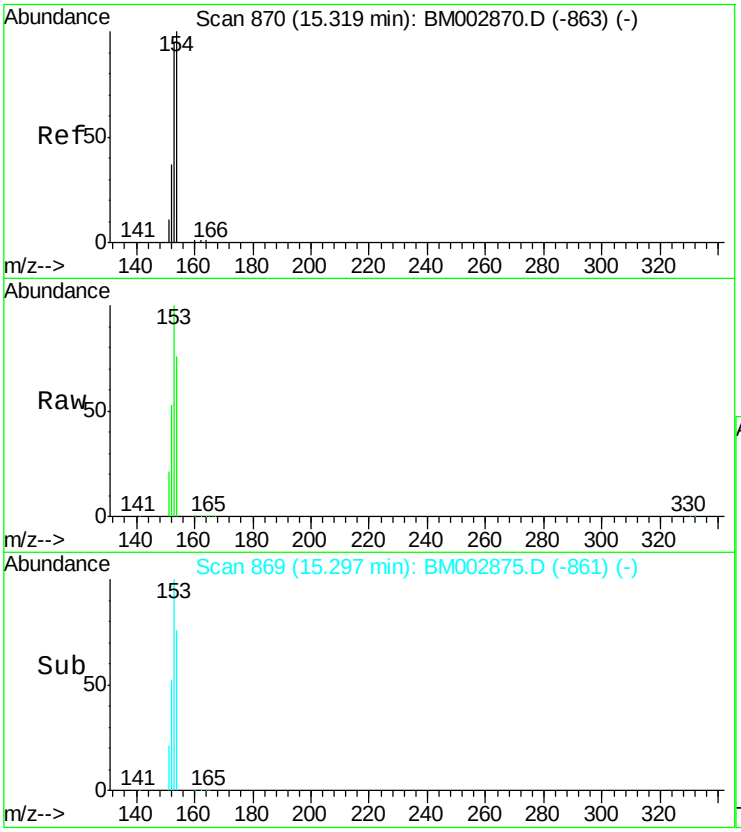


#16
Acenaphthylene
Concen: 3.88 ng
RT: 14.99 min Scan# 855
Delta R.T. -0.00 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Tgt Ion:152 Resp: 288020

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.3	22.9#
153	13.0	10.5	15.7



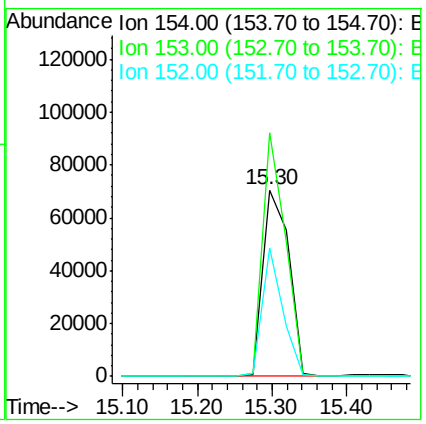


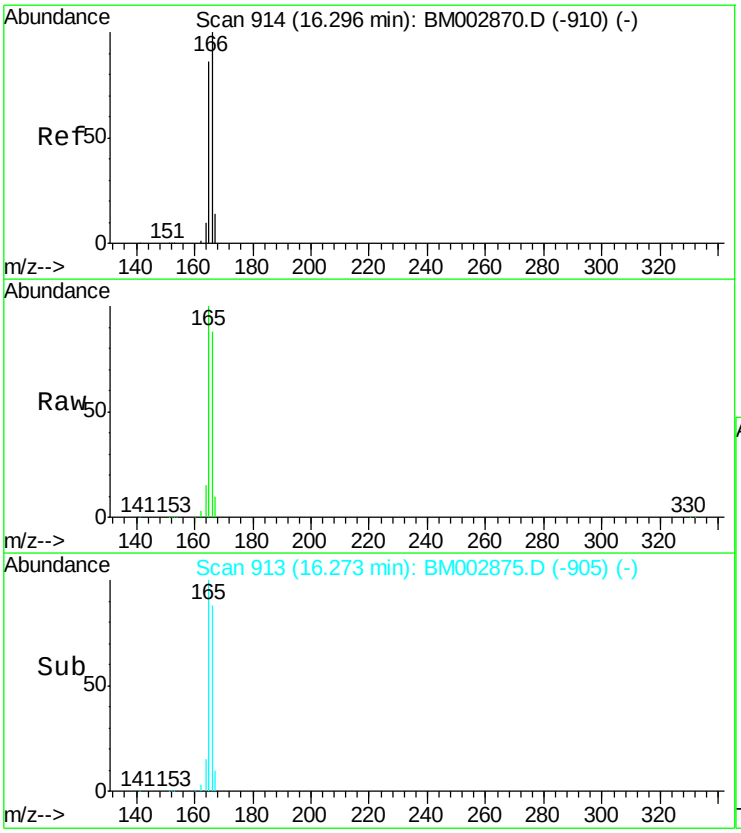
#17
Acenaphthene
Concen: 3.55 ng
RT: 15.30 min Scan# 869
Delta R.T. -0.02 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Instrument :
BNA_M
ClientSampleId :
PB85741BS

Tgt Ion:154 Resp: 170420

Ion	Ratio	Lower	Upper
154	100		
153	113.6	0.0	0.0#
152	53.8	0.0	0.0#

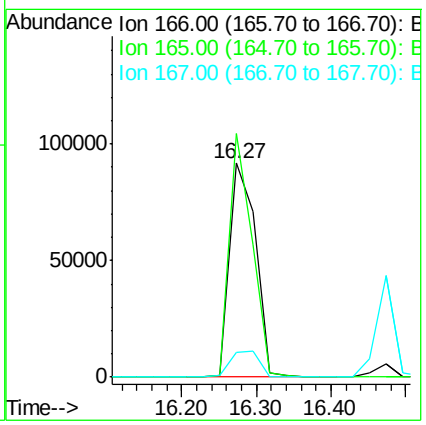


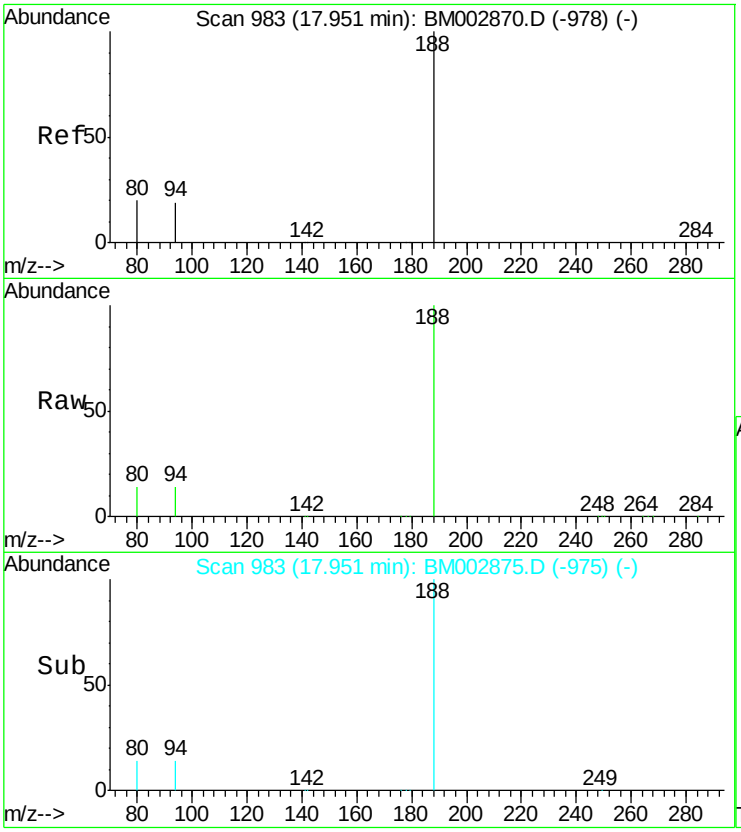


#18
Fluorene
Concen: 3.76 ng
RT: 16.27 min Scan# 913
Delta R.T. -0.02 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Tgt Ion:166 Resp: 220766

Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.3	115.9
167	0.0	10.9	16.3#



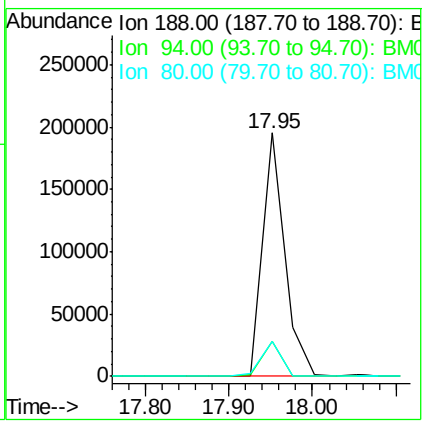


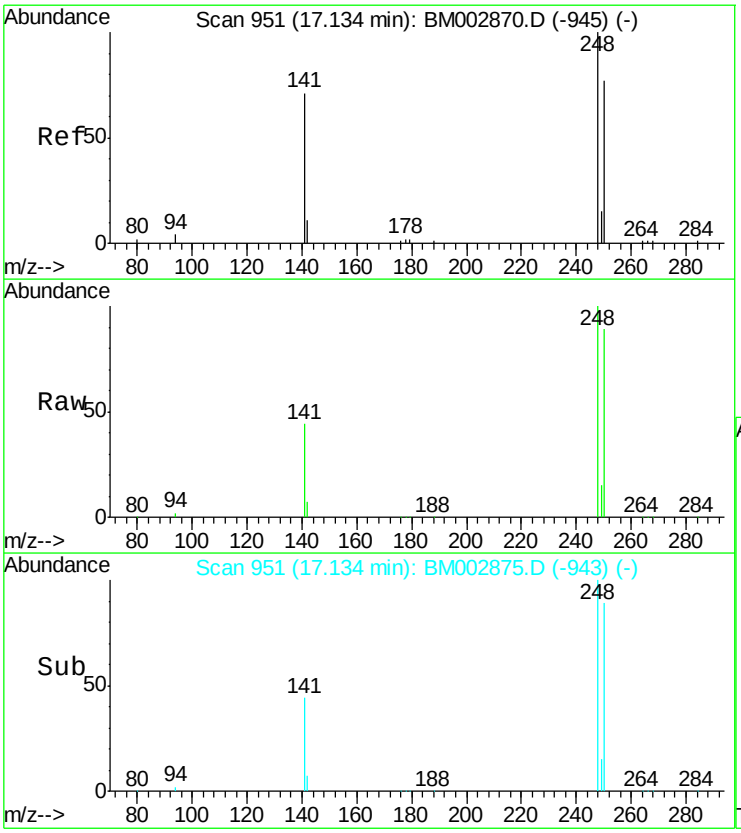
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.95 min Scan# 983
Delta R.T. -0.00 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Instrument :
BNA_M
ClientSampleId :
PB85741BS

Tgt Ion:188 Resp: 363841

Ion	Ratio	Lower	Upper
188	100		
94	14.2	15.2	22.8#
80	14.2	15.9	23.9#

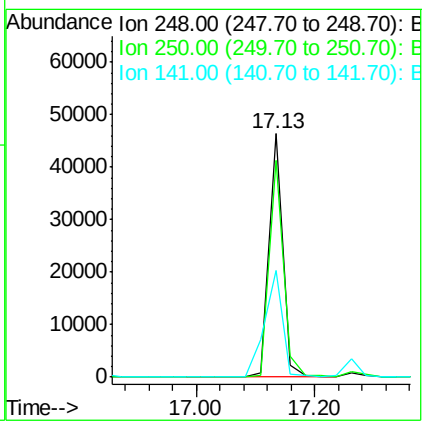


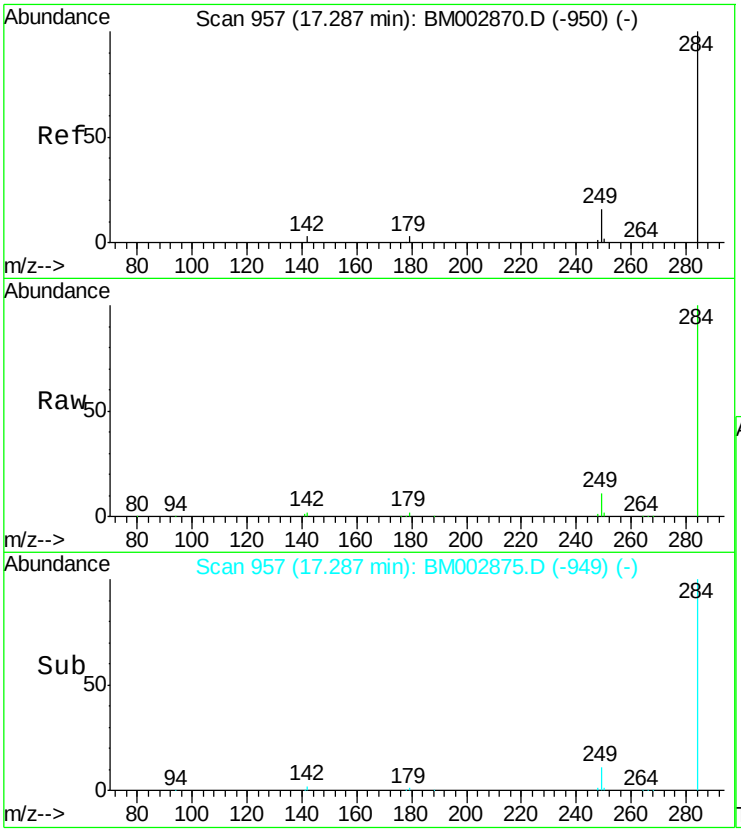


#20
4-Bromophenyl-phenylether
Concen: 4.39 ng
RT: 17.13 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Tgt Ion:248 Resp: 76234

Ion	Ratio	Lower	Upper
248	100		
250	92.6	71.4	107.2
141	56.7	54.6	82.0



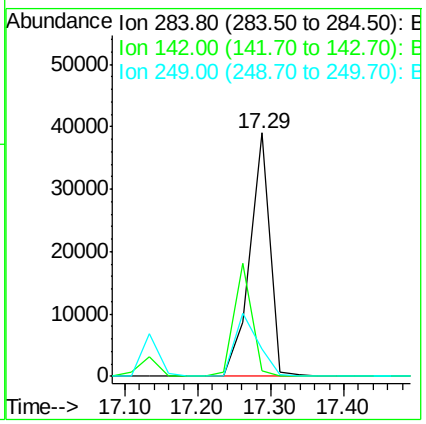


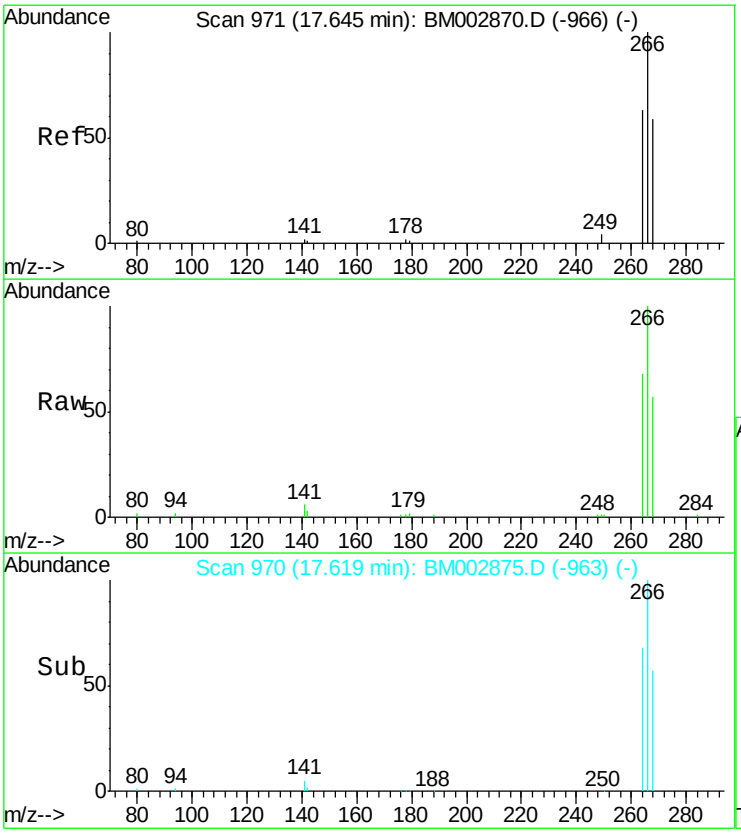
#21
Hexachlorobenzene
Concen: 3.49 ng
RT: 17.29 min Scan# 957
Delta R.T. -0.00 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Instrument :
BNA_M
ClientSampleId :
PB85741BS

Tgt Ion:284 Resp: 74151

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

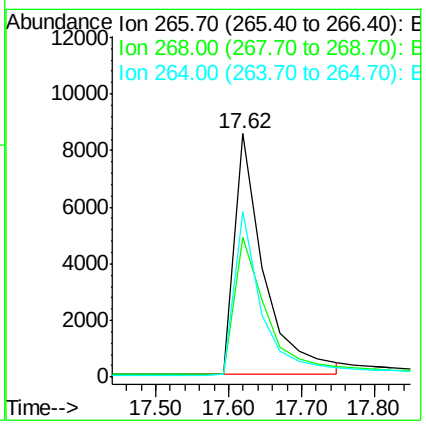


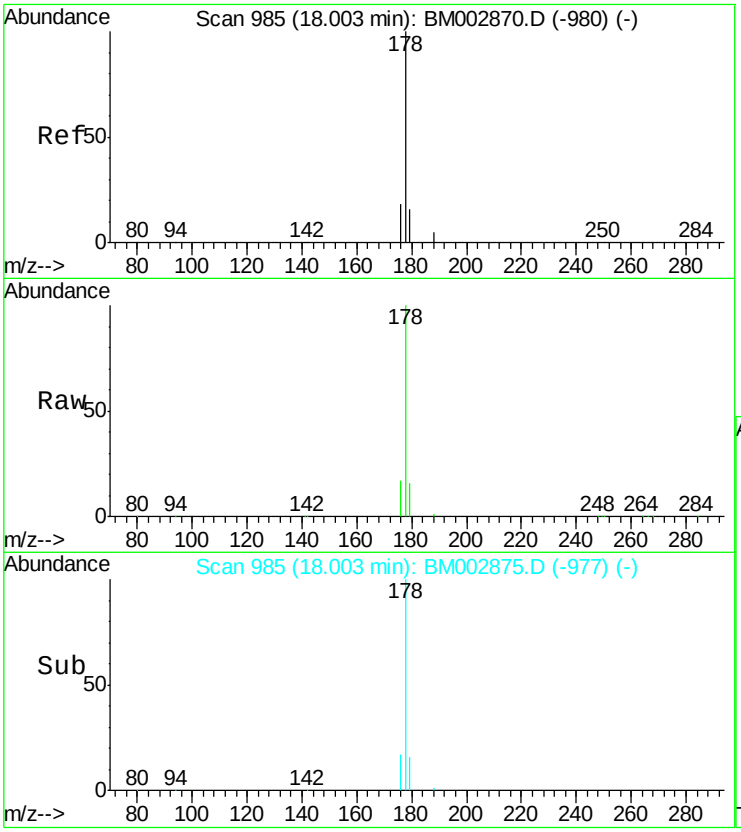


#22
Pentachlorophenol
Concen: 7.67 ng
RT: 17.62 min Scan# 970
Delta R.T. -0.02 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Tgt Ion:266 Resp: 24012

Ion	Ratio	Lower	Upper
266	100		
268	57.4	58.3	87.5#
264	67.8	54.2	81.2



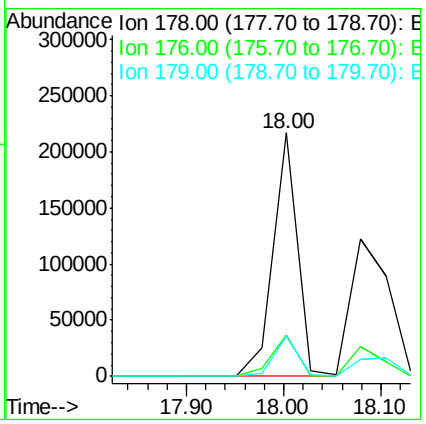


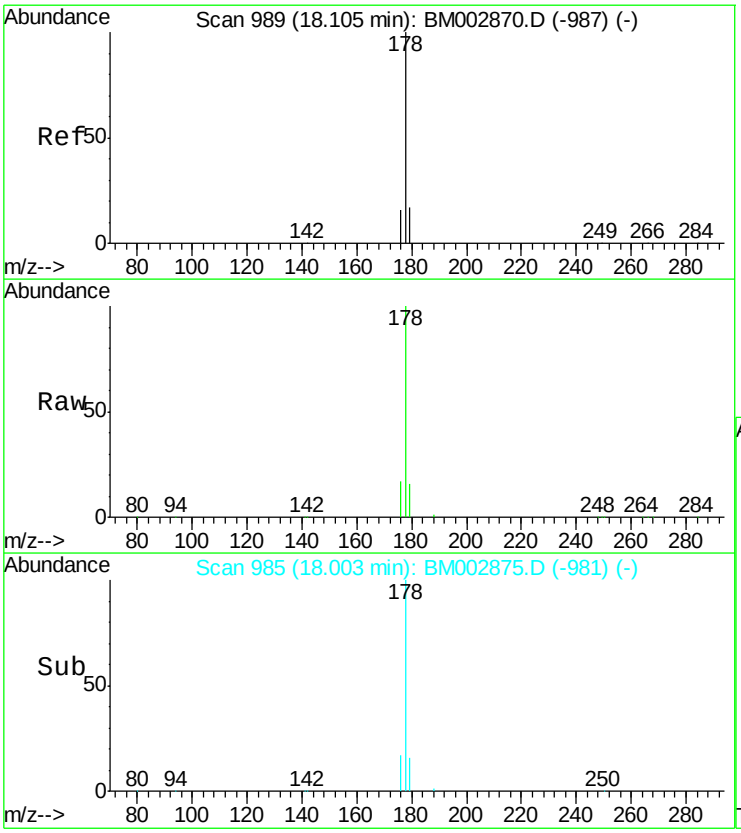
#23
Phenanthrene
Concen: 3.58 ng
RT: 18.00 min Scan# 985
Delta R.T. -0.00 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Instrument :
BNA_M
ClientSampleId :
PB85741BS

Tgt Ion:178 Resp: 380765

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.6	21.8
179	15.9	12.5	18.7

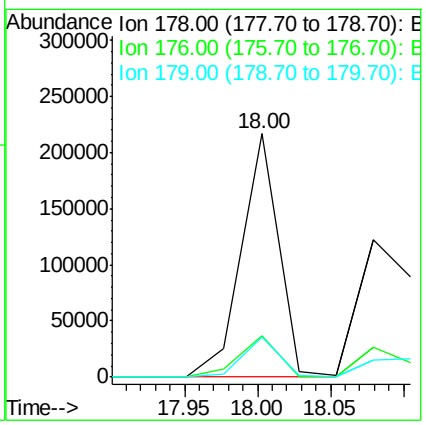


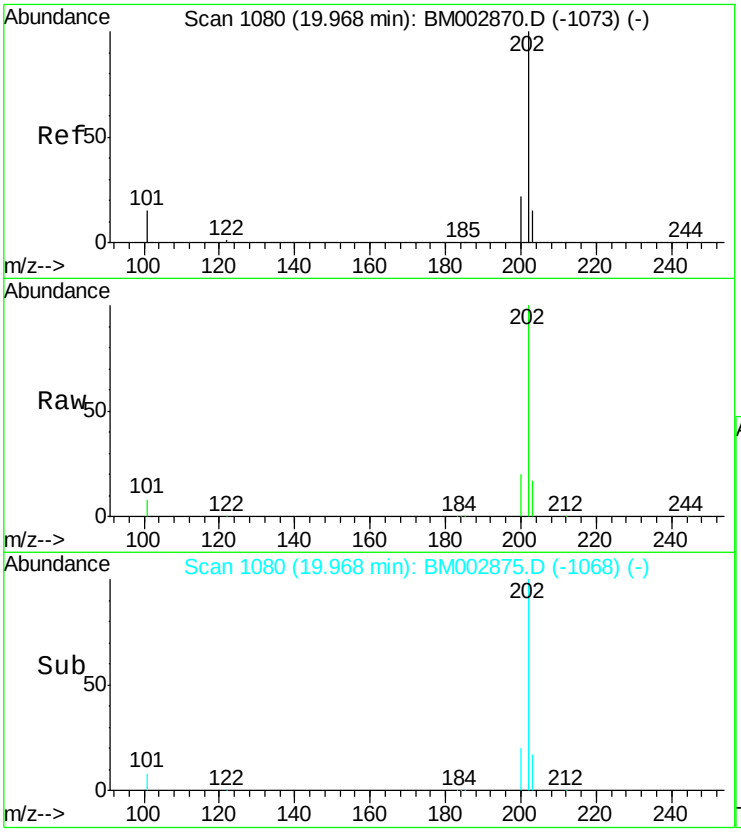


#24
Anthracene
Concen: 4.22 ng
RT: 18.00 min Scan# 985
Delta R.T. -0.10 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Tgt Ion:178 Resp: 380101

Ion	Ratio	Lower	Upper
178	100		
176	17.8	13.9	20.9
179	15.7	12.6	18.8



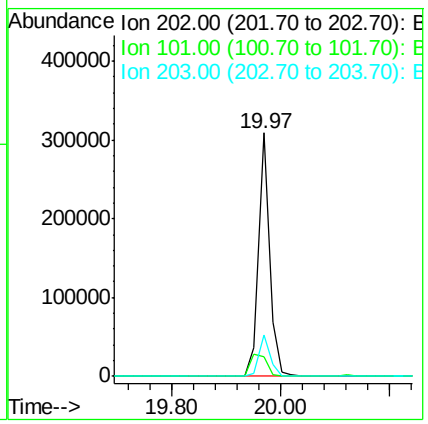


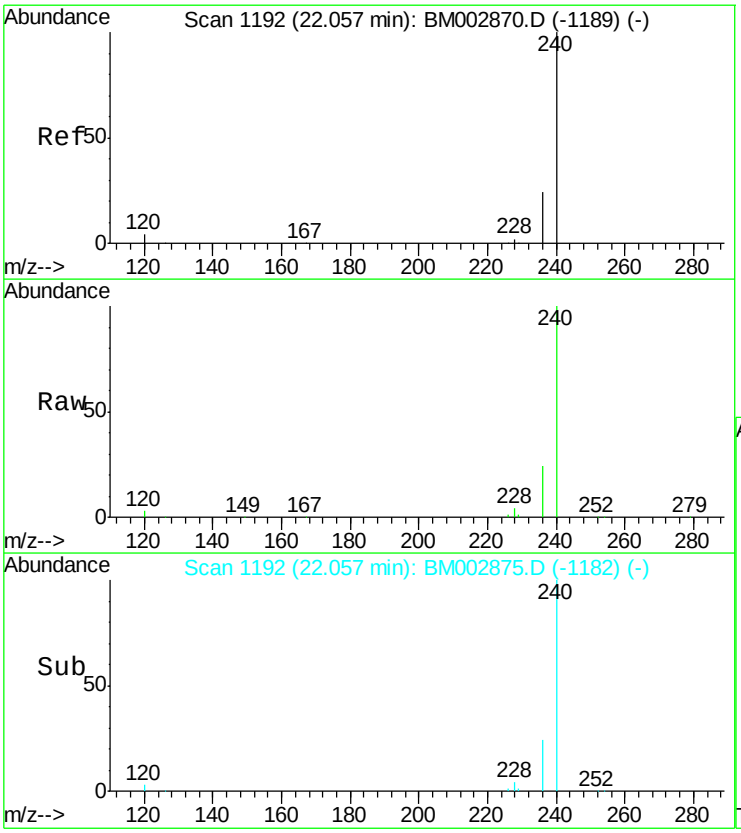
#25
Fluoranthene
Concen: 3.69 ng
RT: 19.97 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Instrument :
BNA_M
ClientSampleId :
PB85741BS

Tgt Ion:202 Resp: 435340

Ion	Ratio	Lower	Upper
202	100		
101	13.3	11.0	16.6
203	17.5	13.8	20.6

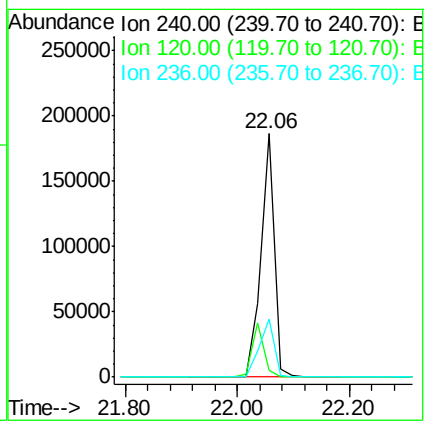


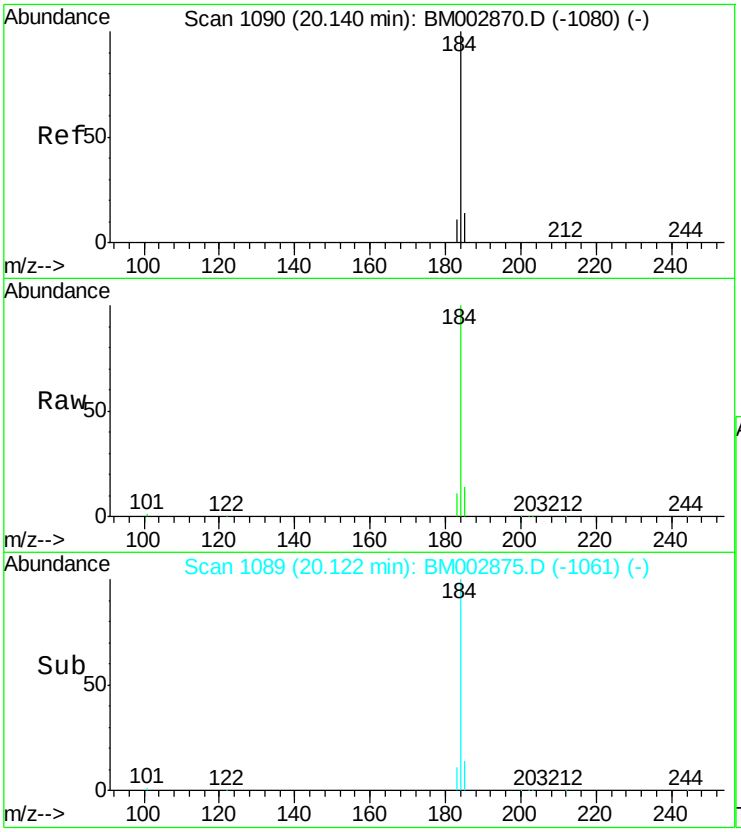


#26
Chrysene-d12
Concen: 5.00 ng
RT: 22.06 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Tgt Ion:240 Resp: 307831

Ion	Ratio	Lower	Upper
240	100		
120	2.8	3.3	4.9#
236	23.9	19.5	29.3



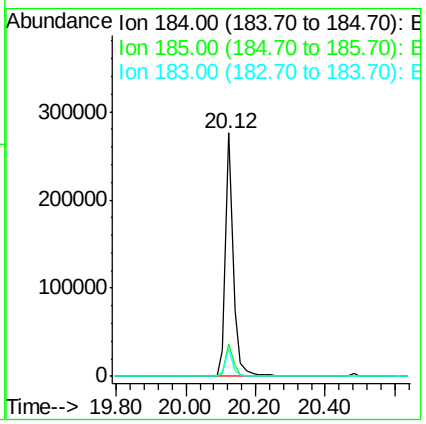


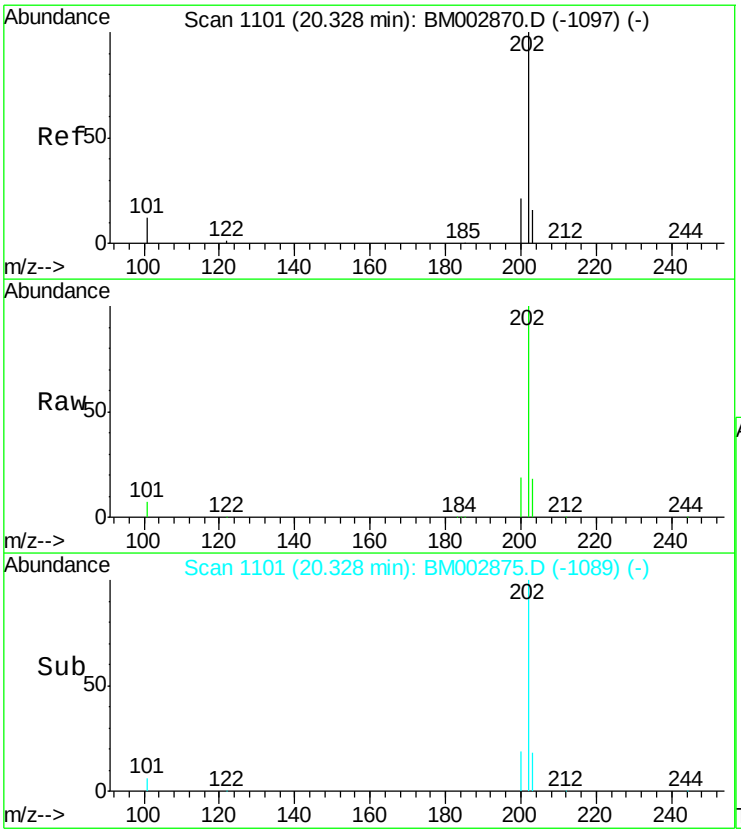
#27
Benzidine
Concen: 8.63 ng
RT: 20.12 min Scan# 1089
Delta R.T. -0.02 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Instrument :
BNA_M
ClientSampleId :
PB85741BS

Tgt Ion:184 Resp: 427023

Ion	Ratio	Lower	Upper
184	100		
185	13.5	12.0	18.0
183	11.4	8.9	13.3

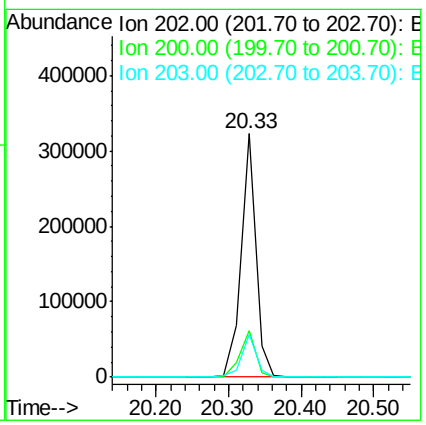


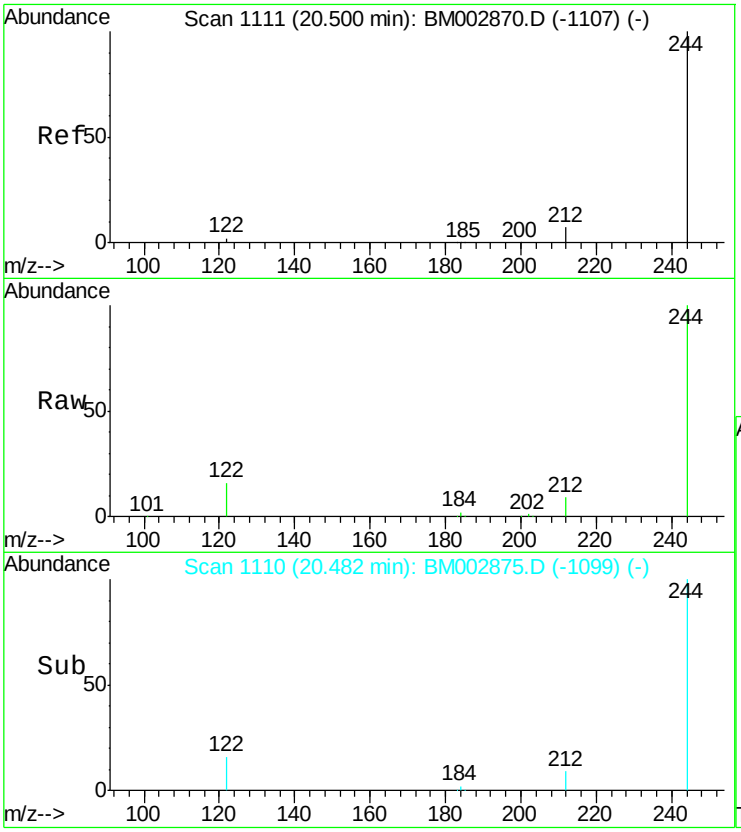


#28
Pyrene
Concen: 5.43 ng
RT: 20.33 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Tgt Ion:202 Resp: 450904

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.2	24.4
203	18.0	13.8	20.8



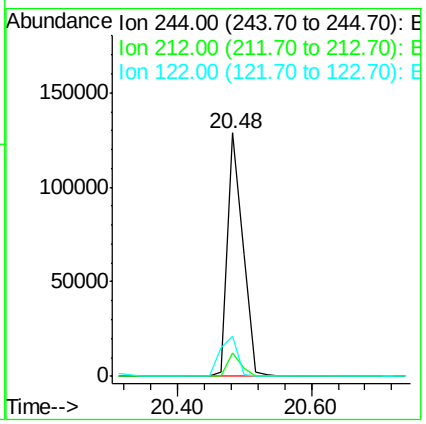


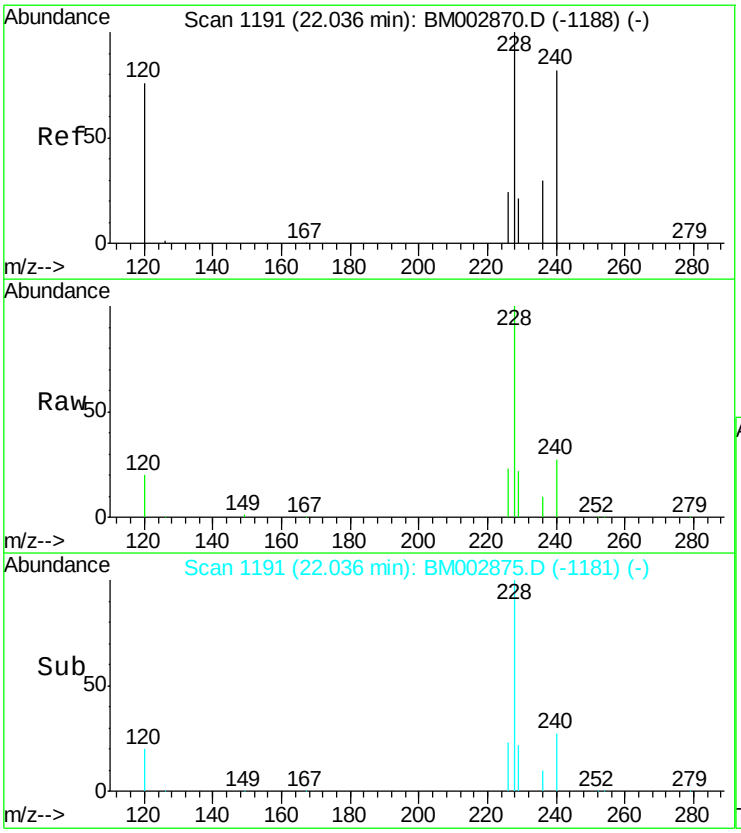
#29
Terphenyl-d14
Concen: 5.00 ng
RT: 20.48 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Instrument :
BNA_M
ClientSampleId :
PB85741BS

Tgt Ion:244 Resp: 205253

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.6	8.4#
122	16.4	2.2	3.2#

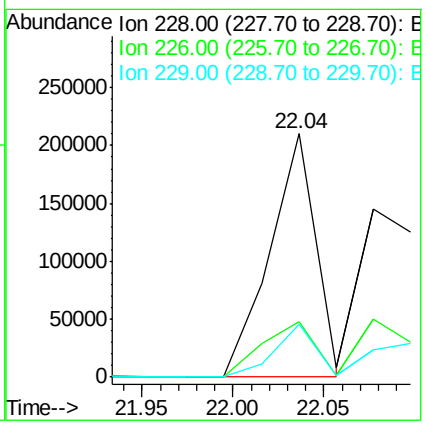


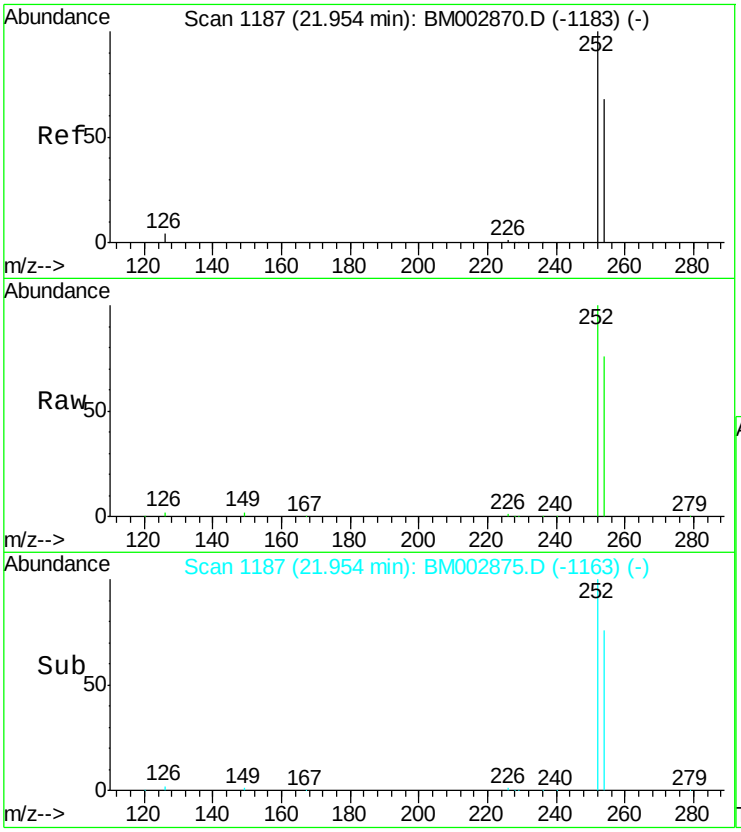


#30
Benzo(a)anthracene
Concen: 4.17 ng
RT: 22.04 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Tgt Ion:228 Resp: 368248

Ion	Ratio	Lower	Upper
228	100		
226	22.7	19.0	28.6
229	21.8	16.8	25.2



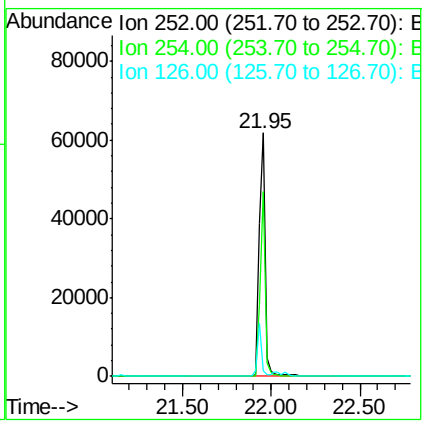


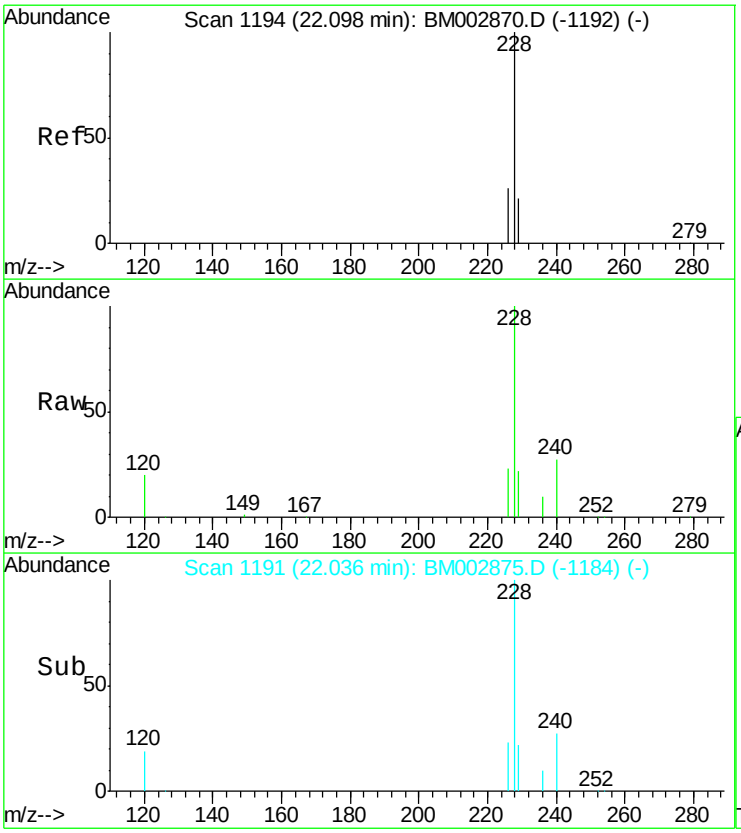
#31
3,3'-Dichlorobenzidine
Concen: 3.97 ng
RT: 21.95 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Instrument :
BNA_M
ClientSampleId :
PB85741BS

Tgt Ion:252 Resp: 134574

Ion	Ratio	Lower	Upper
252	100		
254	75.8	54.1	81.1
126	2.5	4.1	6.1#

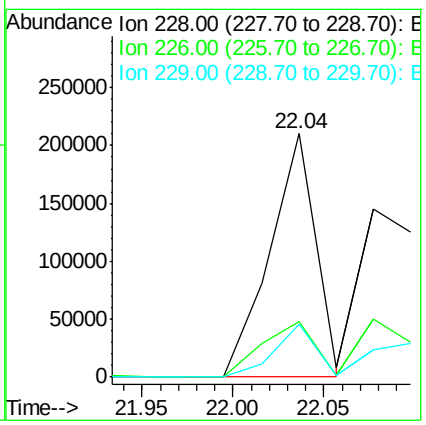


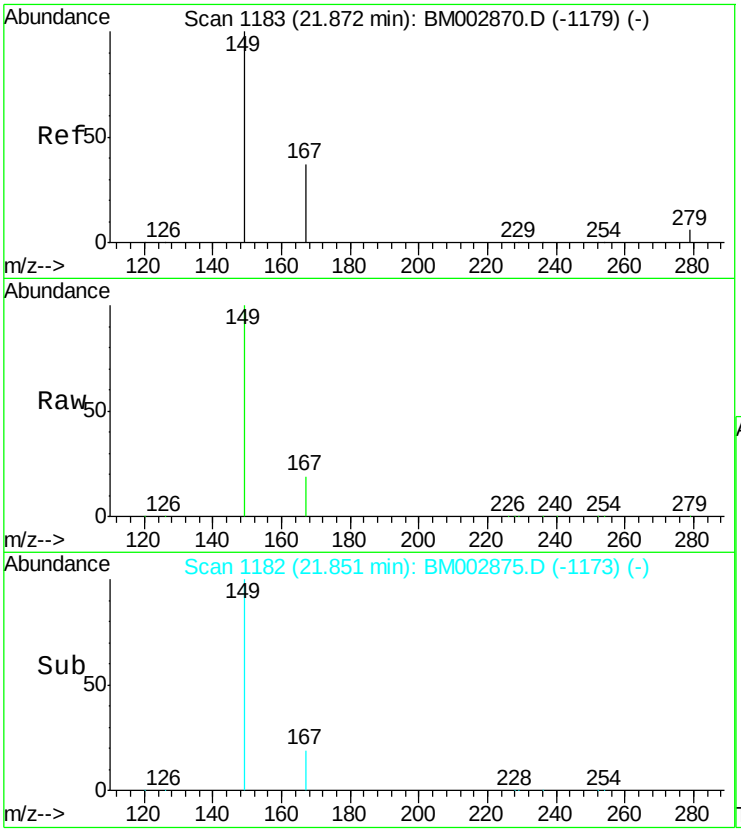


#32
Chrysene
Concen: 4.45 ng
RT: 22.04 min Scan# 1191
Delta R.T. -0.06 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Tgt Ion:228 Resp: 368248

Ion	Ratio	Lower	Upper
228	100		
226	22.7	20.6	30.8
229	21.8	17.4	26.2



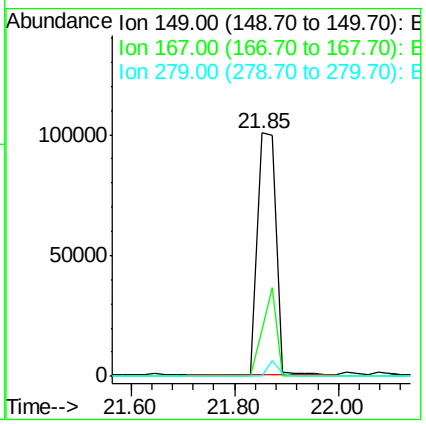


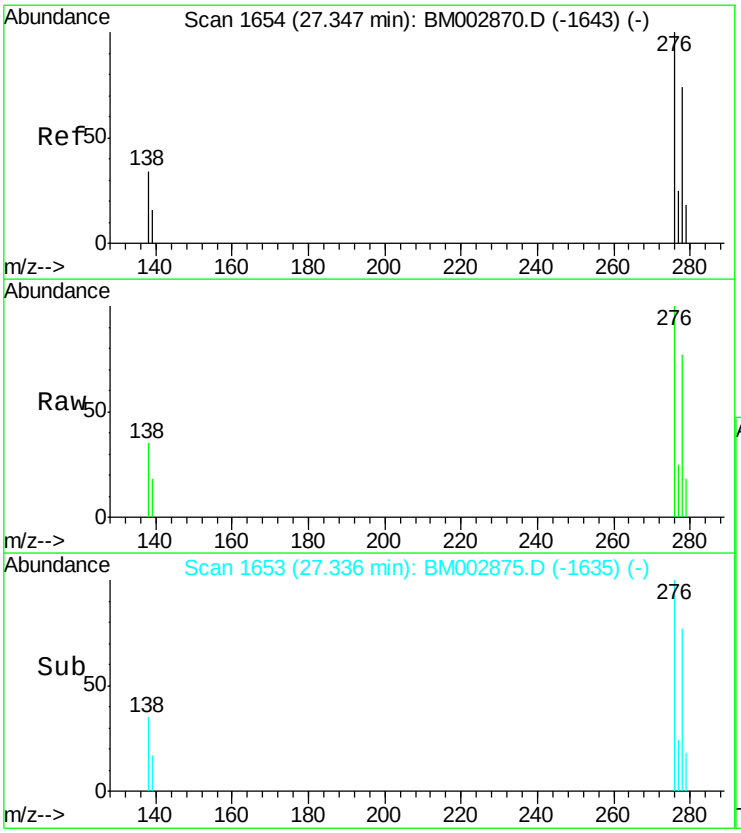
#33
Bis(2-ethylhexyl)phthalate
Concen: 4.59 ng
RT: 21.85 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Instrument :
BNA_M
ClientSampleId :
PB85741BS

Tgt Ion:149 Resp: 247072

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

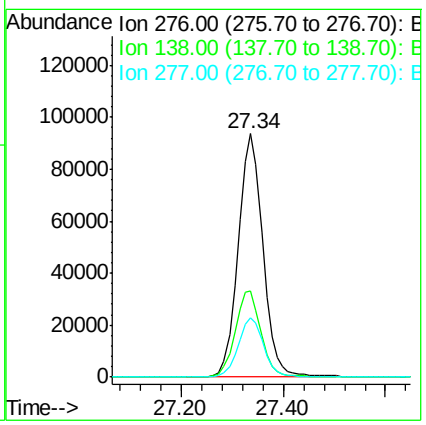


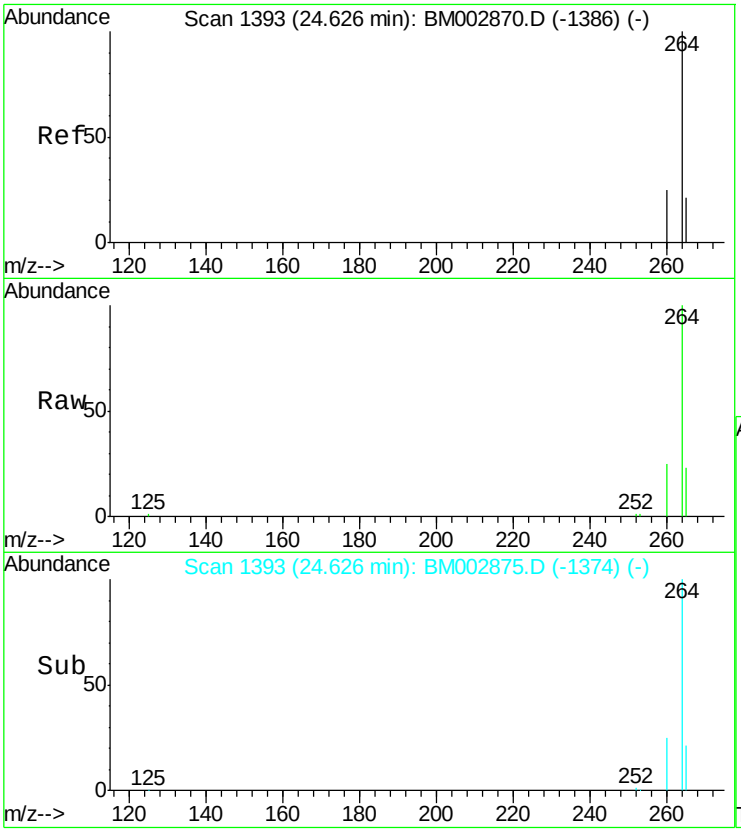


#34
Indeno(1,2,3-cd)pyrene
Concen: 3.16 ng
RT: 27.34 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Tgt Ion:276 Resp: 313218

Ion	Ratio	Lower	Upper
276	100		
138	36.5	29.0	43.6
277	24.7	19.8	29.8



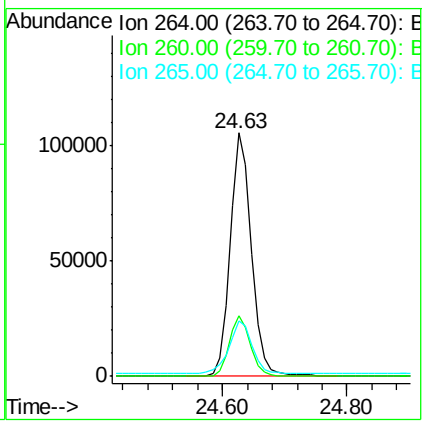


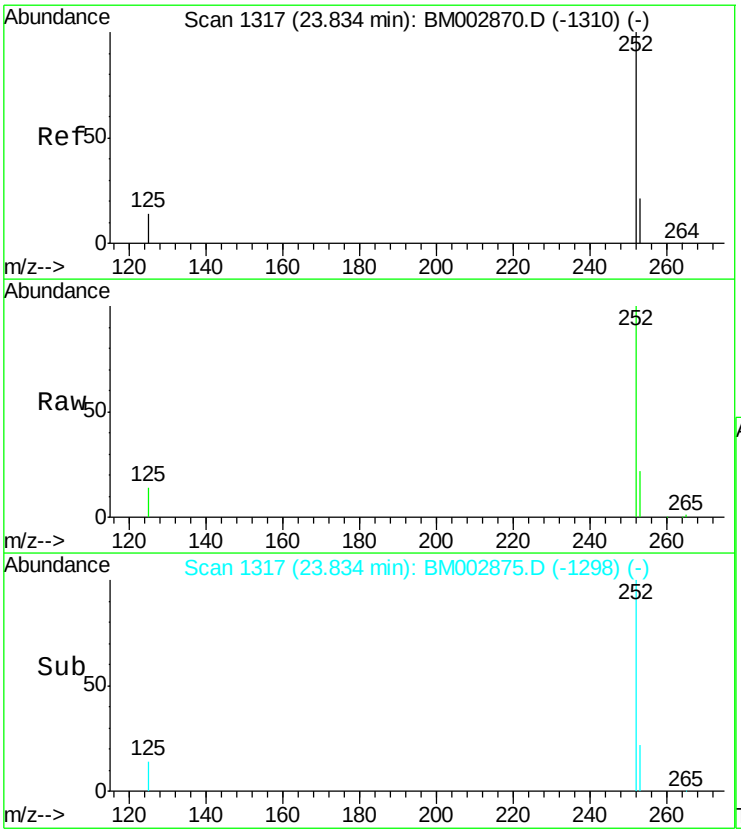
#35
Perylene-d12
Concen: 5.00 ng
RT: 24.63 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Instrument :
BNA_M
ClientSampleId :
PB85741BS

Tgt Ion:264 Resp: 250548

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	22.5	17.6	26.4

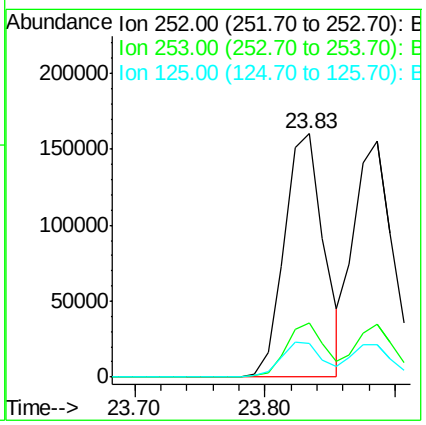


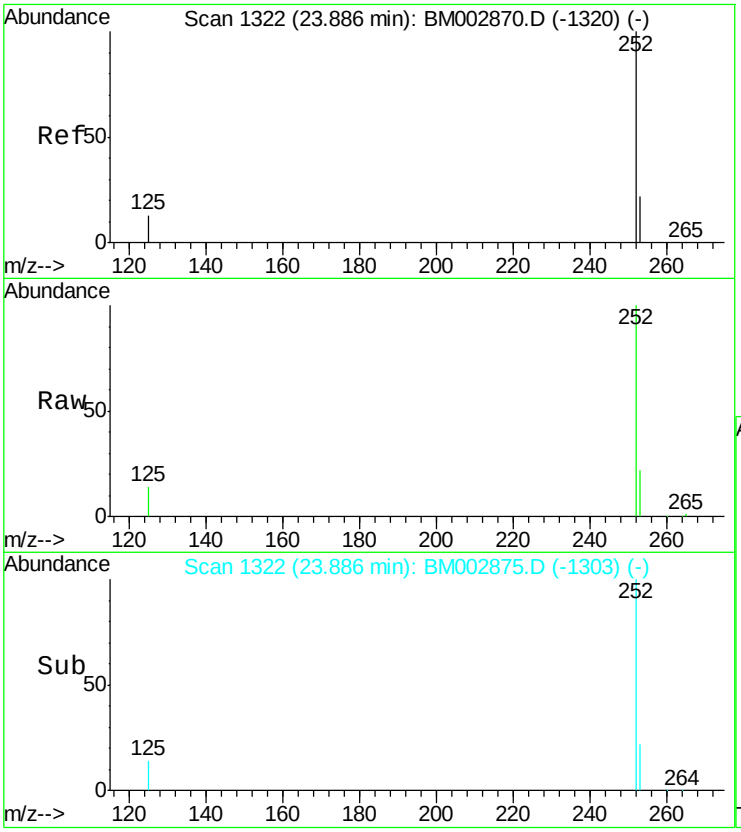


#36
Benzo(b)fluoranthene
Concen: 4.68 ng
RT: 23.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Tgt Ion:252 Resp: 335813

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	13.9	12.4	18.6



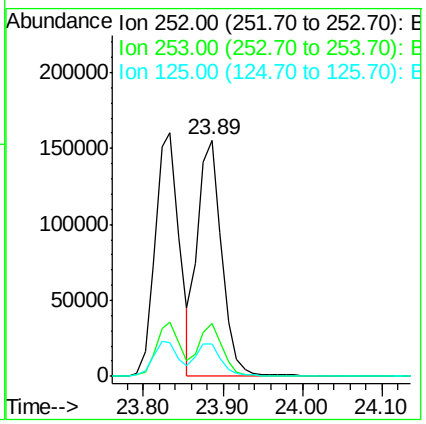


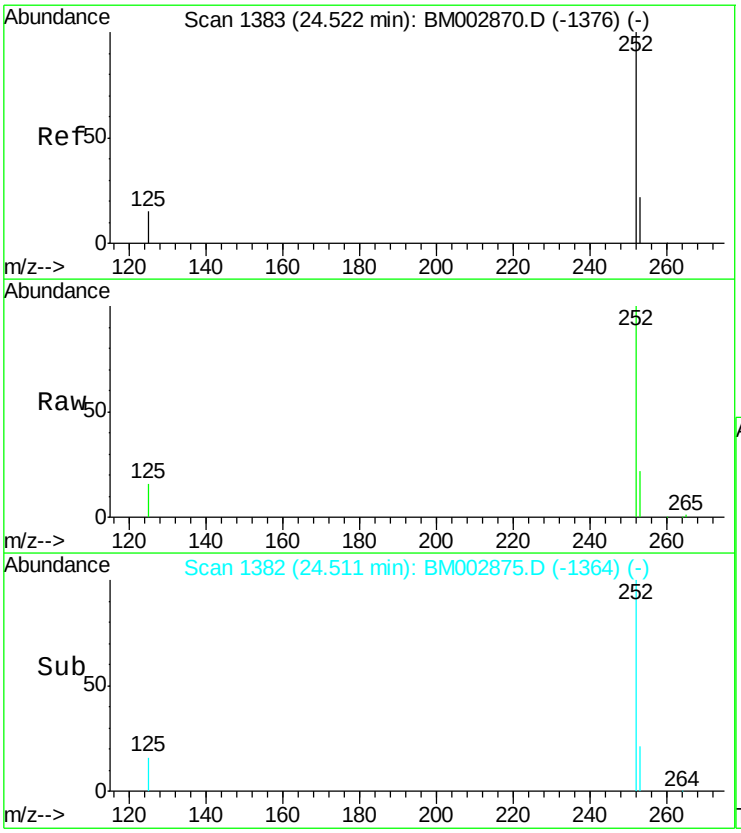
#37
Benzo(k)fluoranthene
Concen: 4.69 ng
RT: 23.89 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Instrument :
BNA_M
ClientSampleId :
PB85741BS

Tgt Ion:252 Resp: 324994

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	13.9	12.3	18.5

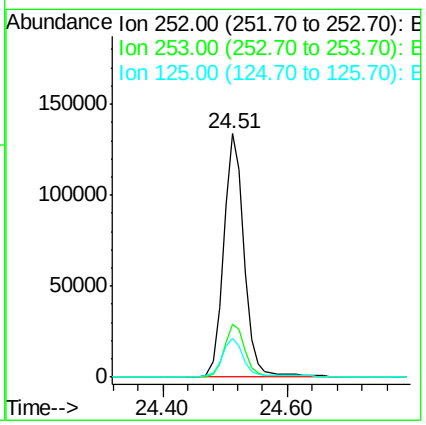


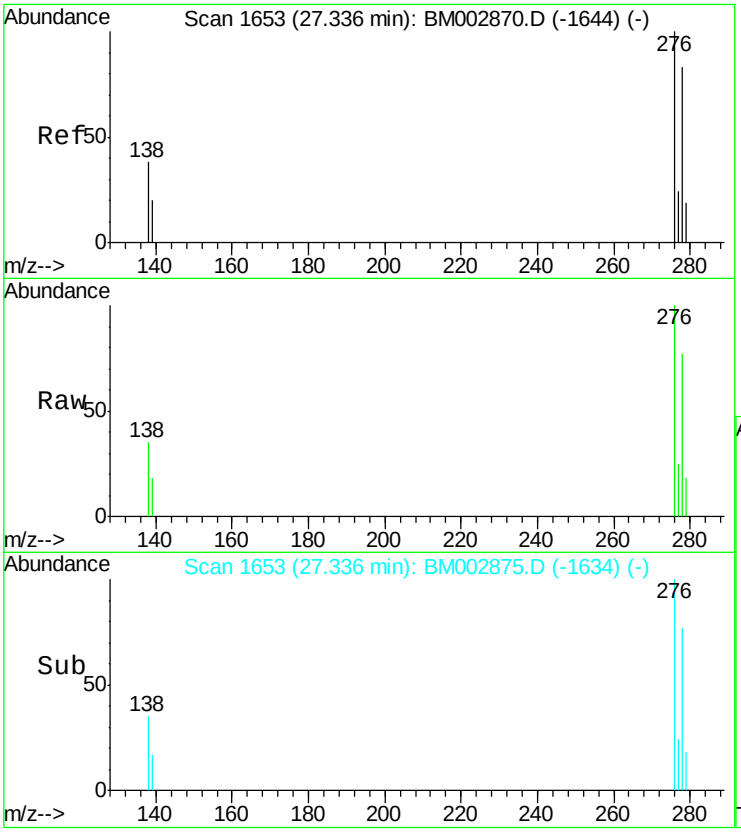


#38
Benzo(a)pyrene
Concen: 4.61 ng
RT: 24.51 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Tgt Ion:252 Resp: 304376

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	16.1	13.3	19.9



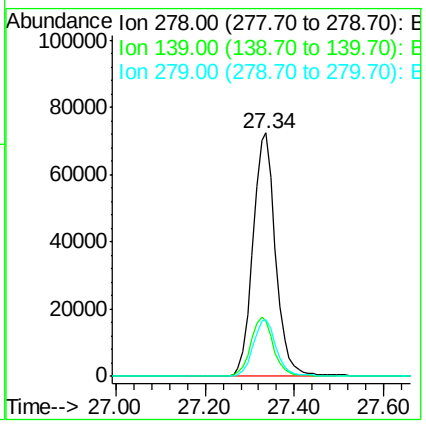


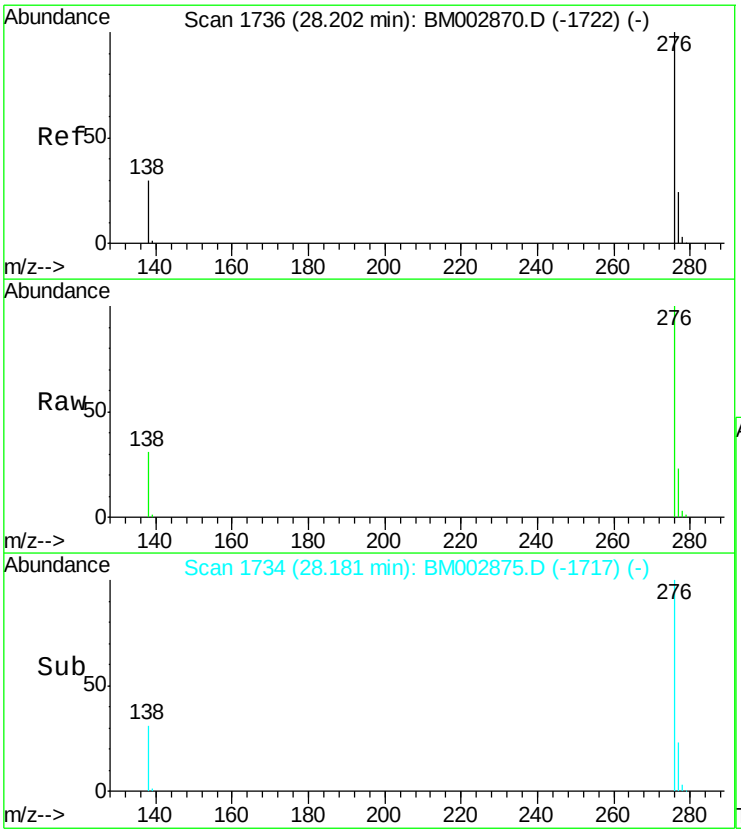
#39
Dibenzo(a,h)anthracene
Concen: 3.96 ng
RT: 27.34 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Instrument :
BNA_M
ClientSampleId :
PB85741BS

Tgt Ion:278 Resp: 254511

Ion	Ratio	Lower	Upper
278	100		
139	22.7	19.8	29.6
279	23.5	19.1	28.7





#40
Benzo(g,h,i)perylene
Concen: 3.95 ng
RT: 28.18 min Scan# 1734
Delta R.T. -0.02 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Tgt Ion:276 Resp: 261853

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.4	29.0
138	30.9	24.4	36.6