Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100815\
Data File : BM002866.D
Acq On : 08 Oct 2015 16:43
Operator : UM/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.1

Quant Time: Oct 09 00:56:47 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM100815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 00:55:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	31702	5.00	ng		0.00
7) Naphthalene-d8	11.52	136	131367	5.00	ng		0.00
13) Acenaphthene-d10	15.25	164	76571	5.00	ng		0.00
19) Phenanthrene-d10	17.97	188	174795	5.00	ng		0.02
26) Chrysene-d12	22.05	240	248424	5.00	ng		0.00
35) Perylene-d12	24.62	264	263462	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	6.21	112	572	0.09	ng		0.06
5) Phenol-d6	7.85	99	696	0.08	ng		0.05
8) Nitrobenzene-d5	9.93	82	651	0.09	ng		0.06
14) 2,4,6-Tribromophenol	16.76	330	301	0.12	ng		0.02
15) 2-Fluorobiphenyl	13.90	172	2519	0.12	ng		0.00
29) Terphenyl-d14	20.49	244	3573	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	450	0.08	ng	#	83
3) n-Nitrosodimethylamine	4.20	42	208	0.04	ng	#	54
6) bis(2-Chloroethyl)ether	8.09	93	752	0.08	ng		96
9) Nitrobenzene	9.97	77	702	0.09	ng	#	95
10) Naphthalene	11.58	128	3373	0.12	ng	#	89
11) Hexachlorobutadiene	11.82	225	539	0.12	ng		99
12) 2-Methylnaphthalene	13.15	142	2191	0.13	ng	#	93
16) Acenaphthylene	14.98	152	3510	0.03	ng		99
17) Acenaphthene	15.32	154	2646	0.13	ng	#	100
18) Fluorene	16.29	166	2991	0.12	ng		98
20) 4-Bromophenyl-phenylether	17.15	248	1554	0.22	ng	#	51
21) Hexachlorobenzene	17.28	284	1053	0.03	ng	#	80
22) Pentachlorophenol	17.69	266	124	0.05	ng	#	79
23) Phenanthrene	18.00	178	5579	0.12	ng		96
24) Anthracene	18.10	178	4653	0.12	ng		98
25) Fluoranthene	19.98	202	6561	0.12	ng		98
27) Benzidine	20.15	184	4155	0.47	ng	#	89
28) Pyrene	20.34	202	7057	0.11	ng		97
30) Benzo(a)anthracene	22.03	228	10222	0.17	ng		97
31) 3,3'-Dichlorobenzidine	21.95	252	3440	0.28	ng	#	84
32) Chrysene	22.03	228	10156	0.14	ng		99
33) Bis(2-ethylhexyl)phthalate	21.87	149	5032	0.18	ng	#	92
34) Indeno(1,2,3-cd)pyrene	27.36	276	9675	0.15	ng		99
36) Benzo(b)fluoranthene	23.84	252	8478	0.14	ng	#	80
37) Benzo(k)fluoranthene	23.89	252	7918	0.10	ng	#	80
38) Benzo(a)pyrene	24.52	252	7723	0.14	ng	#	79
39) Dibenzo(a,h)anthracene	27.35	278	7777	0.14	ng	#	87
40) Benzo(g,h,i)perylene	28.22	276	8179	0.14	ng	#	91

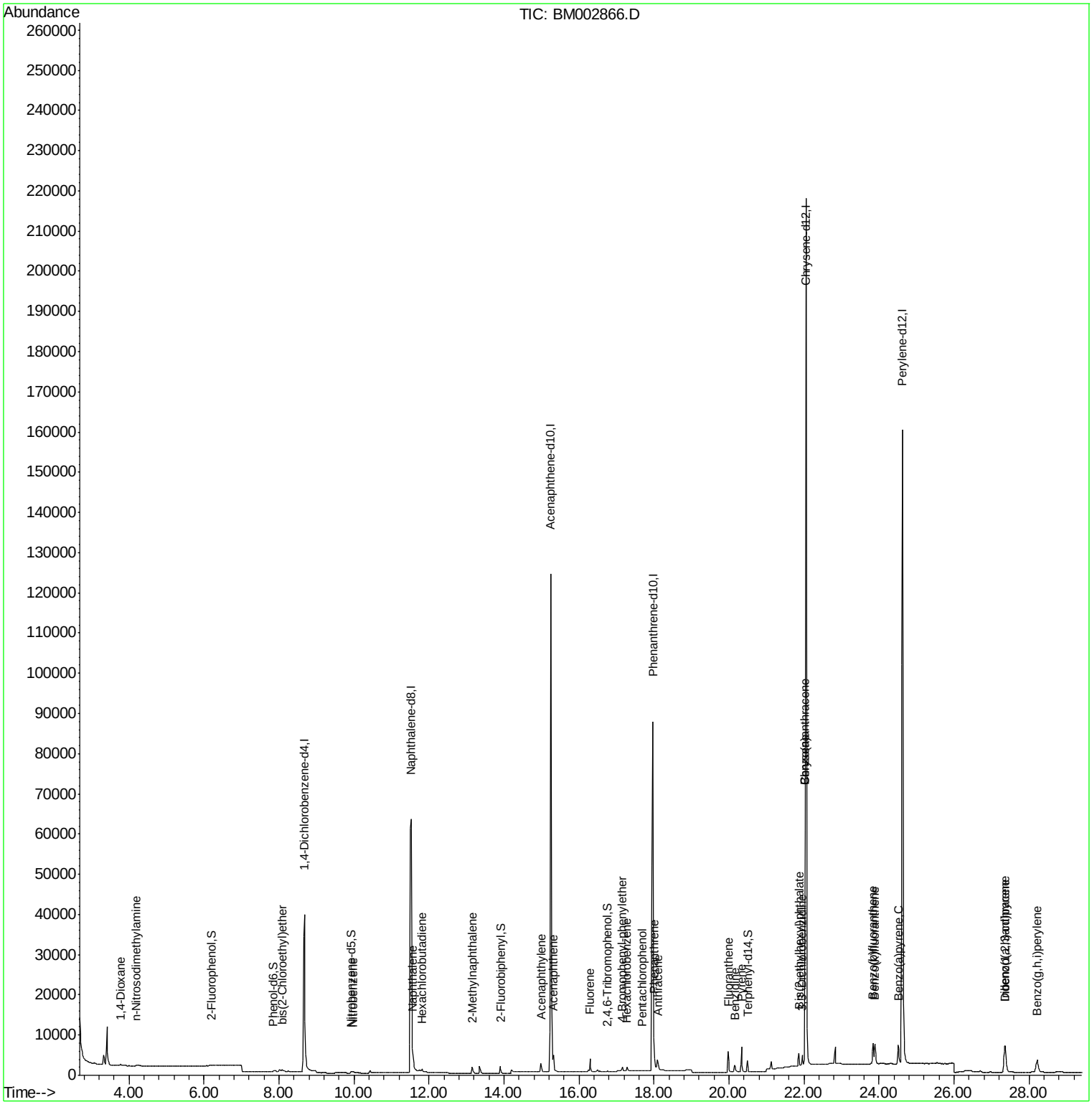
(#) = qualifier out of range (m) = manual integration (+) = signals summed

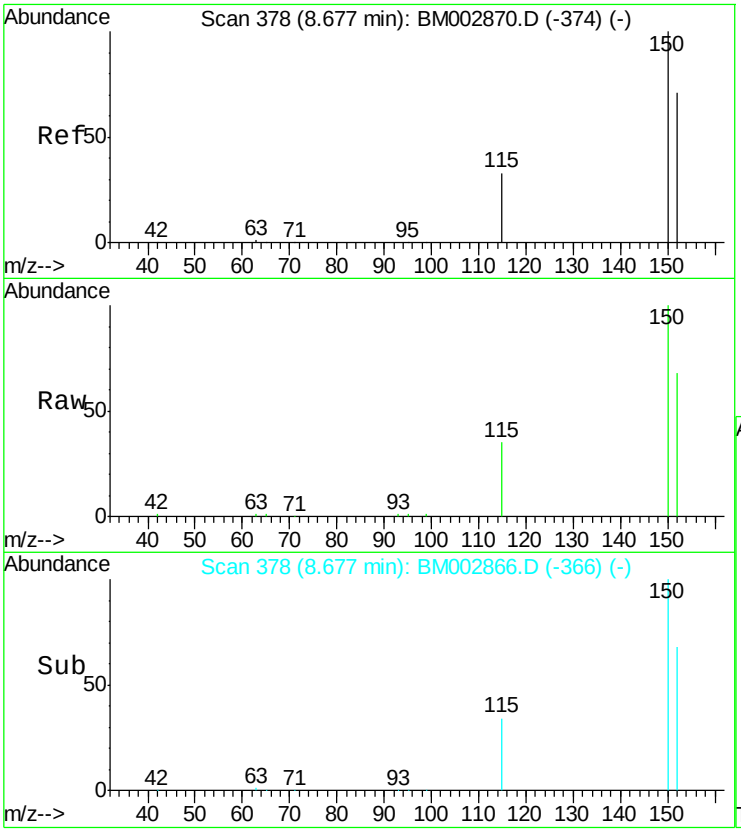
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100815\
Data File : BM002866.D
Acq On : 08 Oct 2015 16:43
Operator : UM/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Quant Time: Oct 09 00:56:47 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM100815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 00:55:43 2015
Response via : Initial Calibration



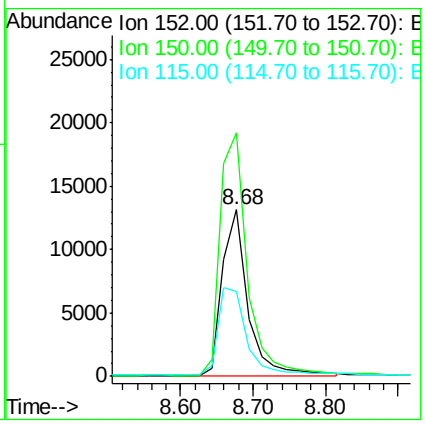


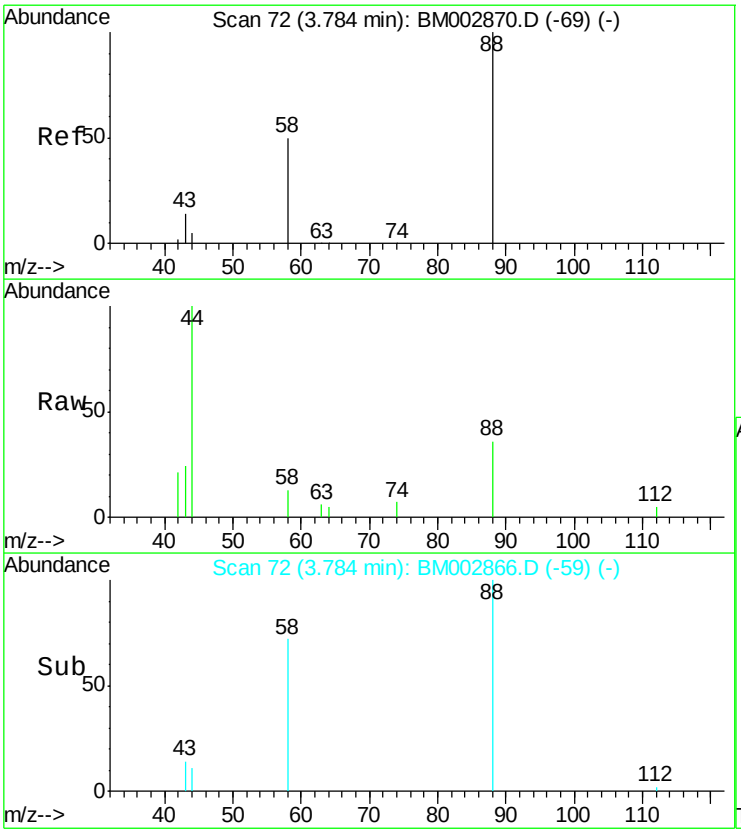
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.68 min Scan# 378
Delta R.T. 0.00 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 31702

Ion	Ratio	Lower	Upper
152	100		
150	146.5	113.0	169.6
115	51.0	37.9	56.9

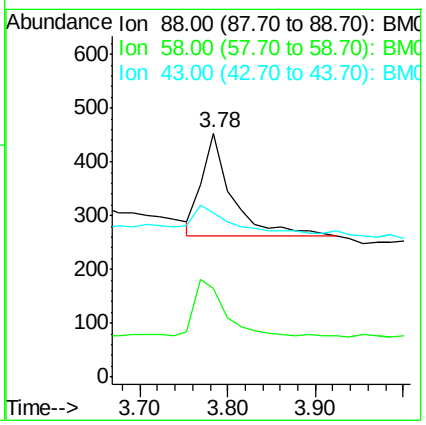


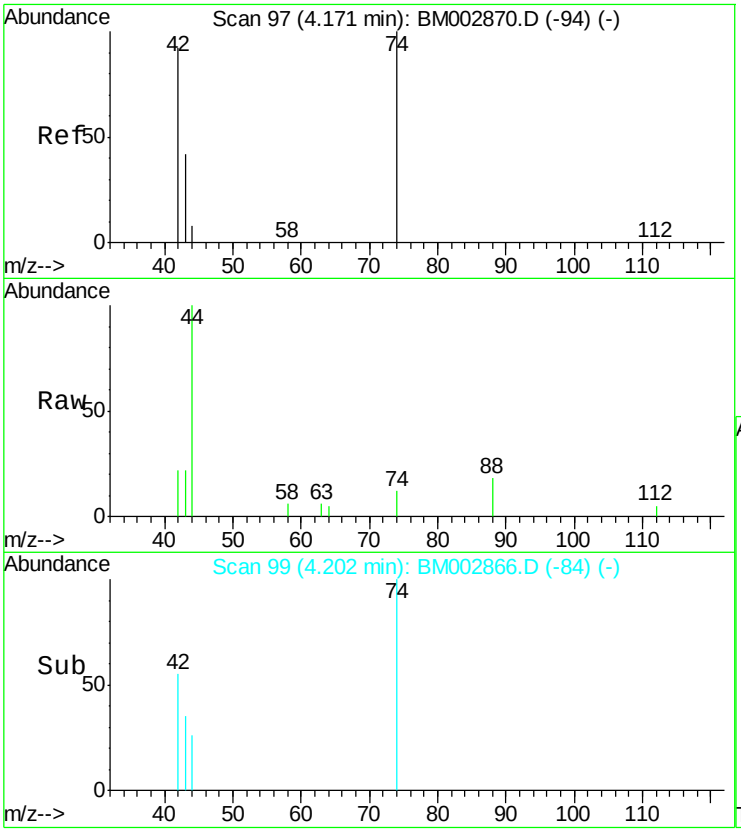


#2
1,4-Dioxane
Concen: 0.08 ng
RT: 3.78 min Scan# 72
Delta R.T. 0.00 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Tgt Ion: 88 Resp: 450

Ion	Ratio	Lower	Upper
88	100		
58	55.3	56.7	85.1#
43	33.3	22.0	33.0#



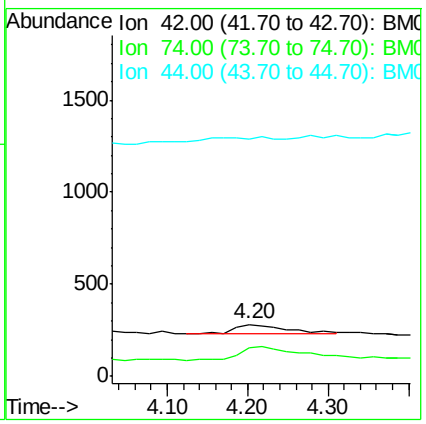


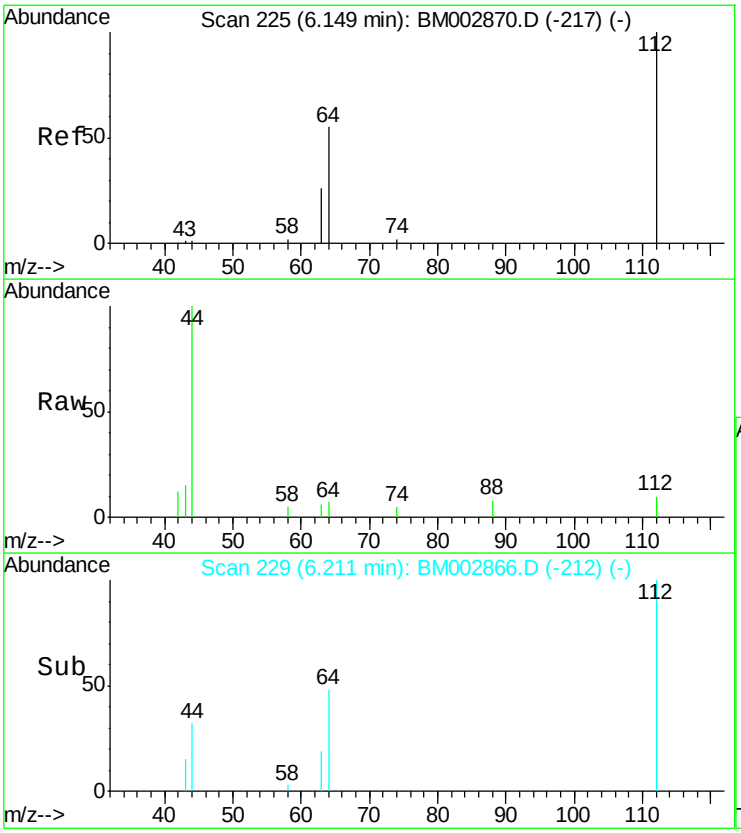
#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 4.20 min Scan# 99
Delta R.T. 0.03 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 208

Ion	Ratio	Lower	Upper
42	100		
74	185.1	119.7	179.5#
44	117.8	9.8	14.6#

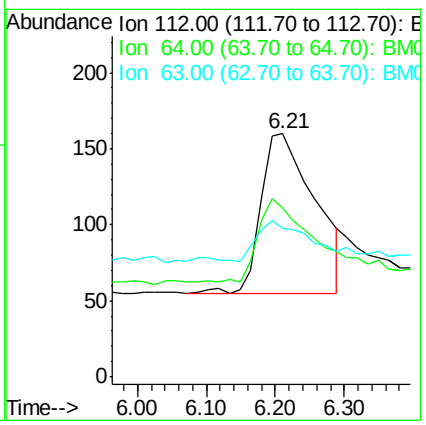


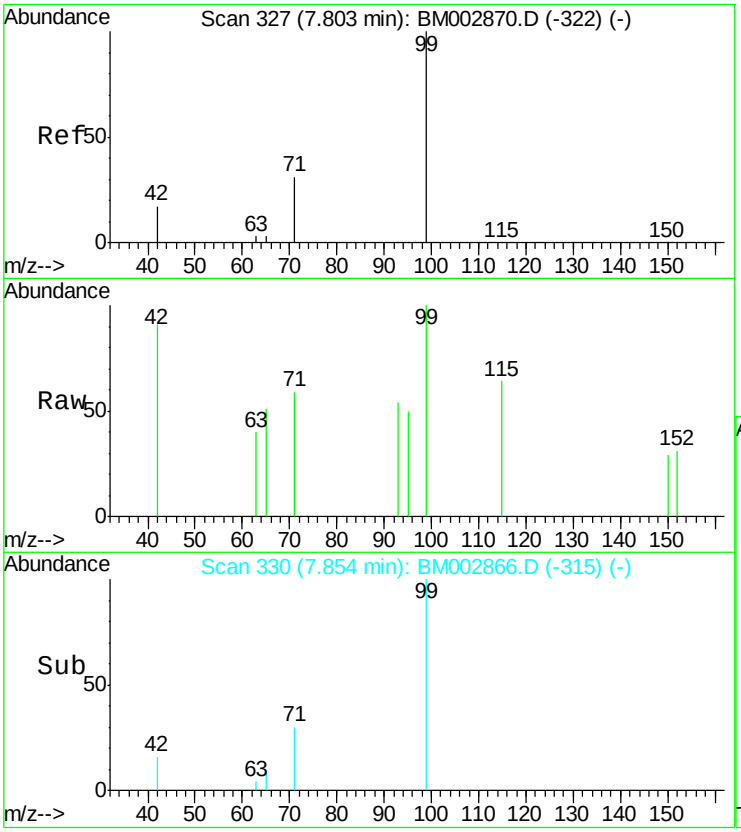


#4
2-Fluorophenol
Concen: 0.09 ng
RT: 6.21 min Scan# 229
Delta R.T. 0.06 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Tgt Ion:112 Resp: 572

Ion	Ratio	Lower	Upper
112	100		
64	50.5	42.0	63.0
63	22.6	20.0	30.0



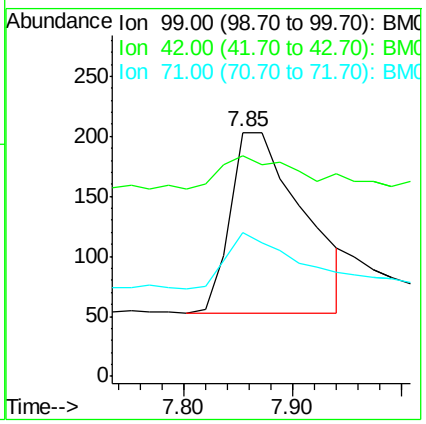


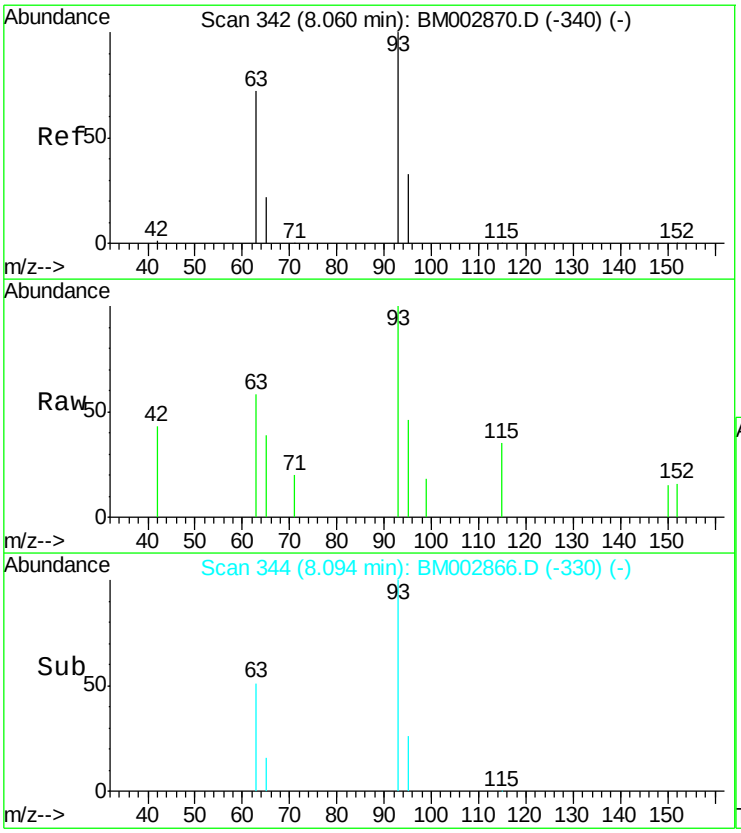
#5
Phenol-d6
Concen: 0.08 ng
RT: 7.85 min Scan# 330
Delta R.T. 0.05 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 696

Ion	Ratio	Lower	Upper
99	100		
42	17.0	12.4	18.6
71	28.9	21.4	32.0

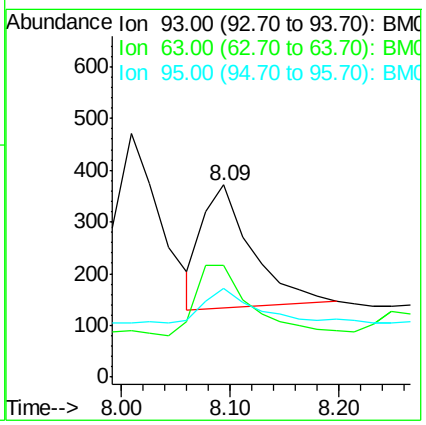


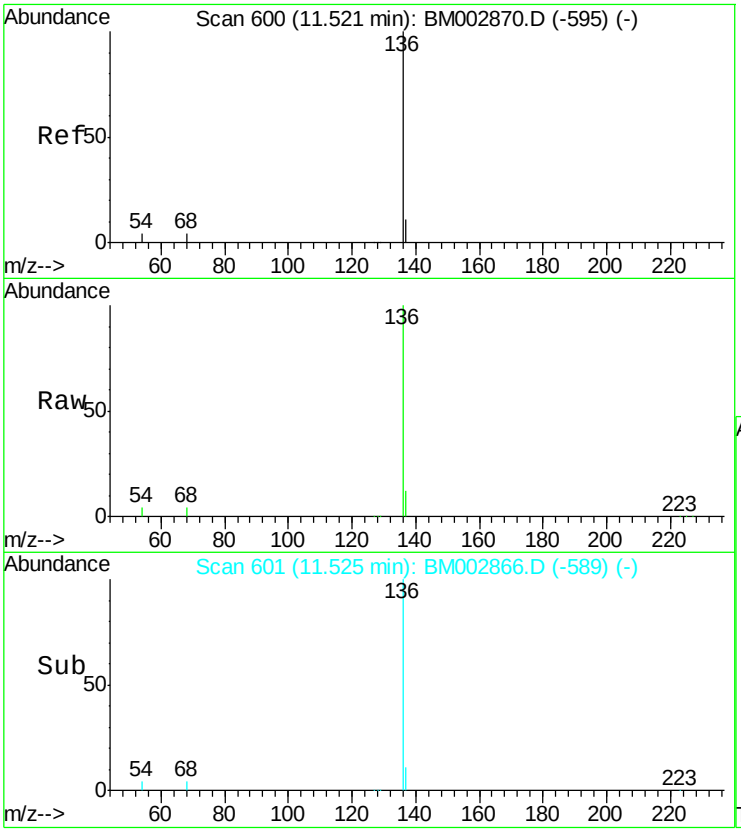


#6
bis(2-Chloroethyl)ether
Concen: 0.08 ng
RT: 8.09 min Scan# 344
Delta R.T. 0.03 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Tgt Ion: 93 Resp: 752

Ion	Ratio	Lower	Upper
93	100		
63	68.6	52.9	79.3
95	28.6	25.2	37.8



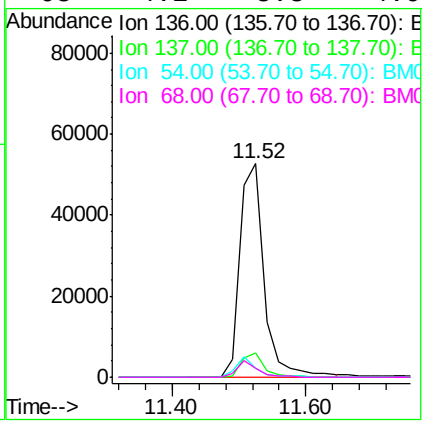


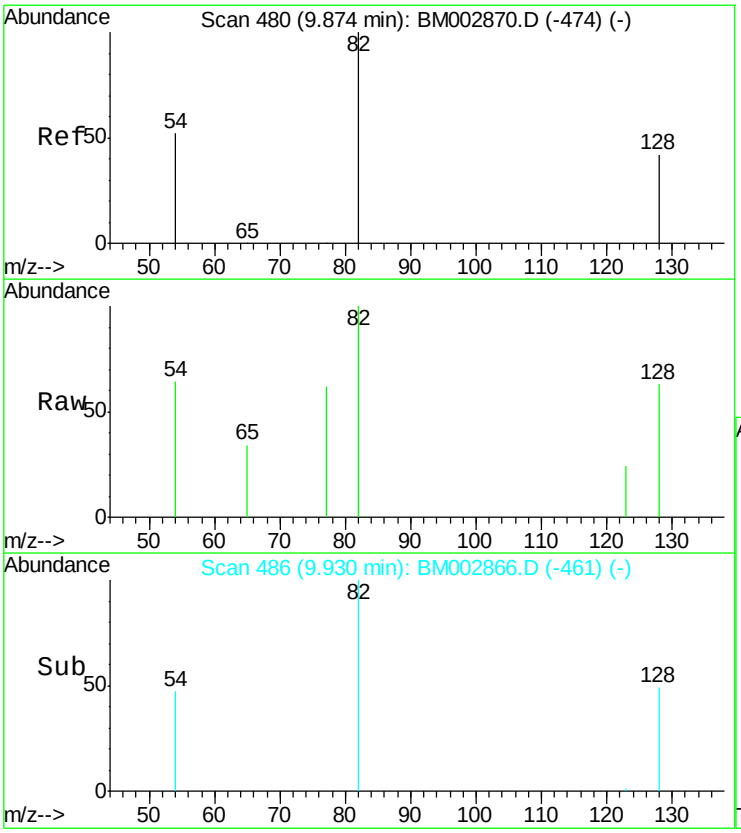
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 11.52 min Scan# 601
Delta R.T. 0.00 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 131367

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	4.5	3.5	5.3
68	4.2	3.3	4.9

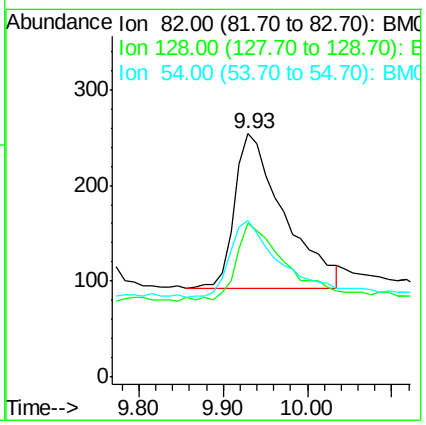


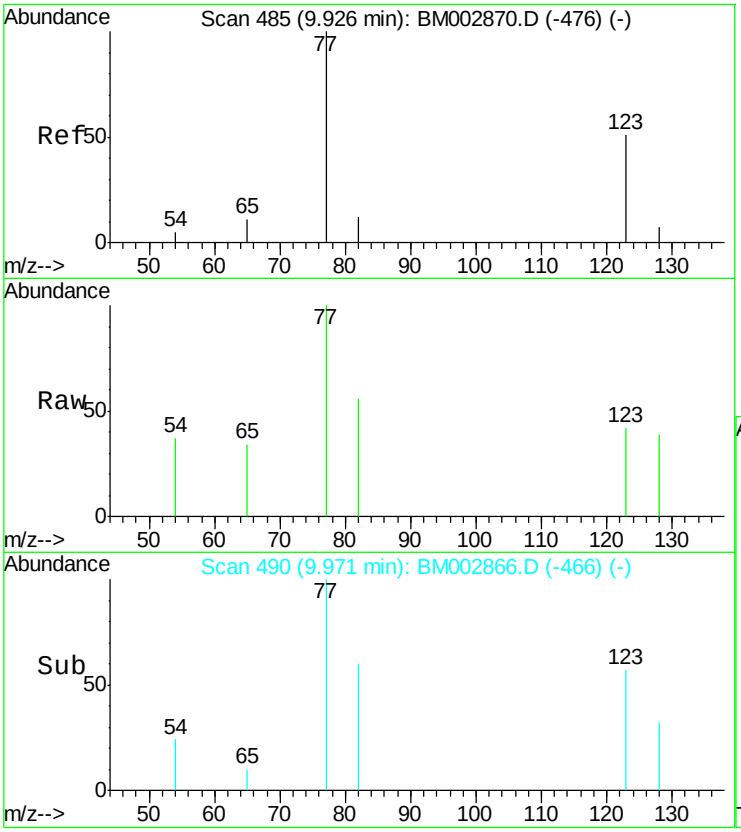


#8
Nitrobenzene-d5
Concen: 0.09 ng
RT: 9.93 min Scan# 486
Delta R.T. 0.06 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Tgt Ion: 82 Resp: 651

Ion	Ratio	Lower	Upper
82	100		
128	63.4	34.1	51.1#
54	64.2	42.6	63.8#



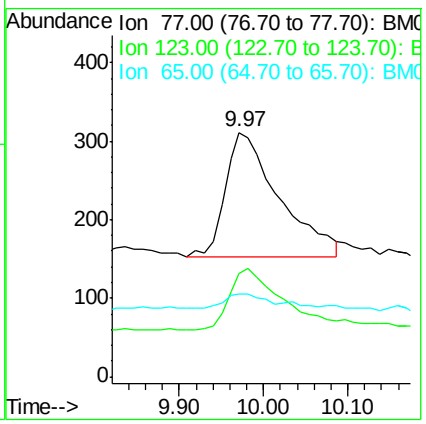


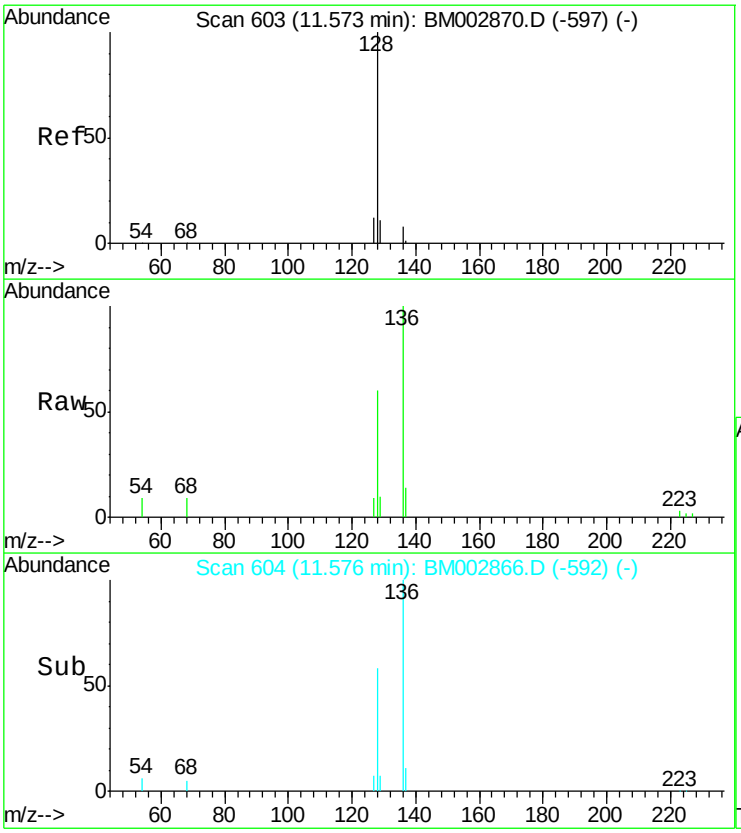
#9
Nitrobenzene
Concen: 0.09 ng
RT: 9.97 min Scan# 490
Delta R.T. 0.05 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion: 77 Resp: 702

Ion	Ratio	Lower	Upper
77	100		
123	48.4	41.0	61.4
65	9.3	9.7	14.5#

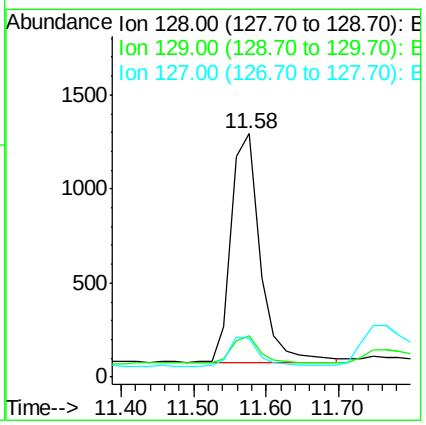


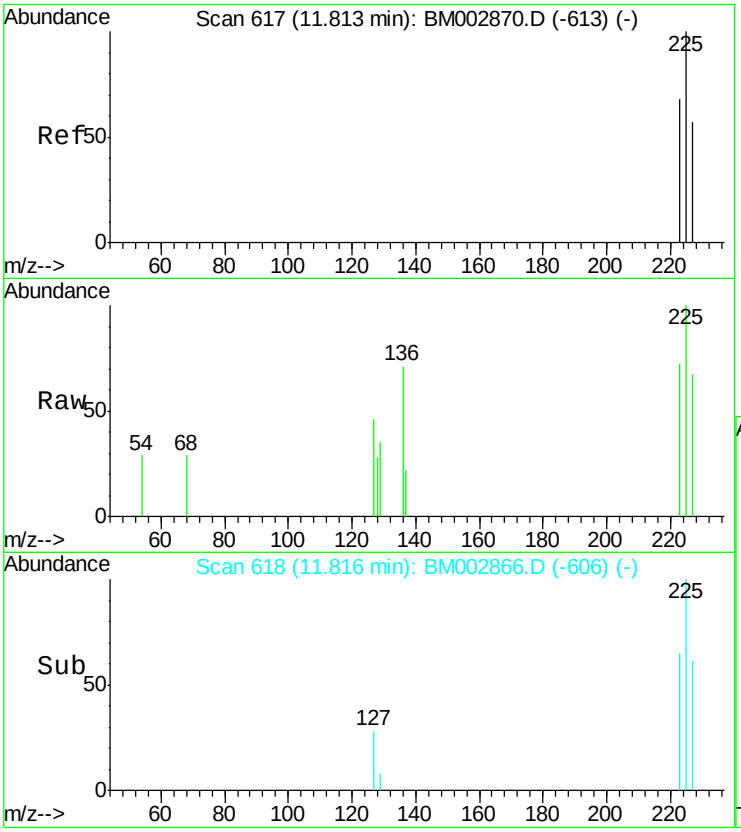


#10
Naphthalene
Concen: 0.12 ng
RT: 11.58 min Scan# 604
Delta R.T. 0.00 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Tgt Ion:128 Resp: 3373

Ion	Ratio	Lower	Upper
128	100		
129	16.8	9.4	14.2#
127	15.8	9.6	14.4#



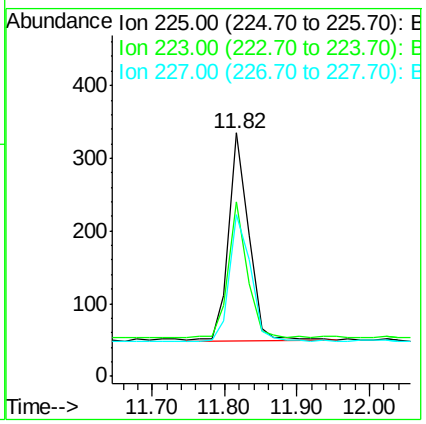


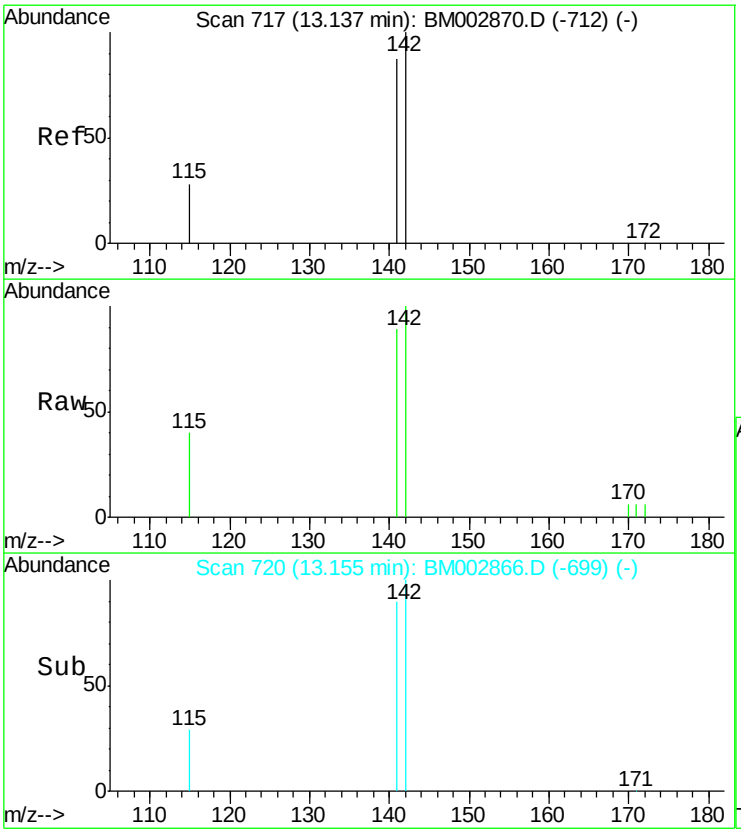
#11
Hexachlorobutadiene
Concen: 0.12 ng
RT: 11.82 min Scan# 618
Delta R.T. 0.00 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:225 Resp: 539

Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.1	75.1
227	64.0	51.2	76.8

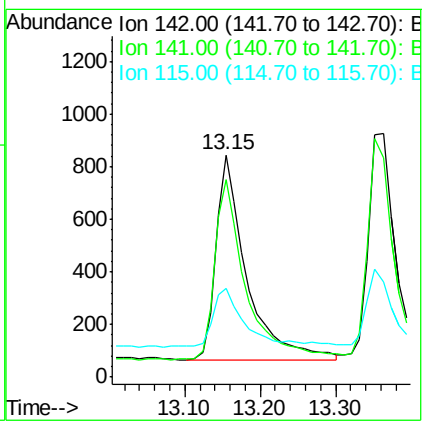


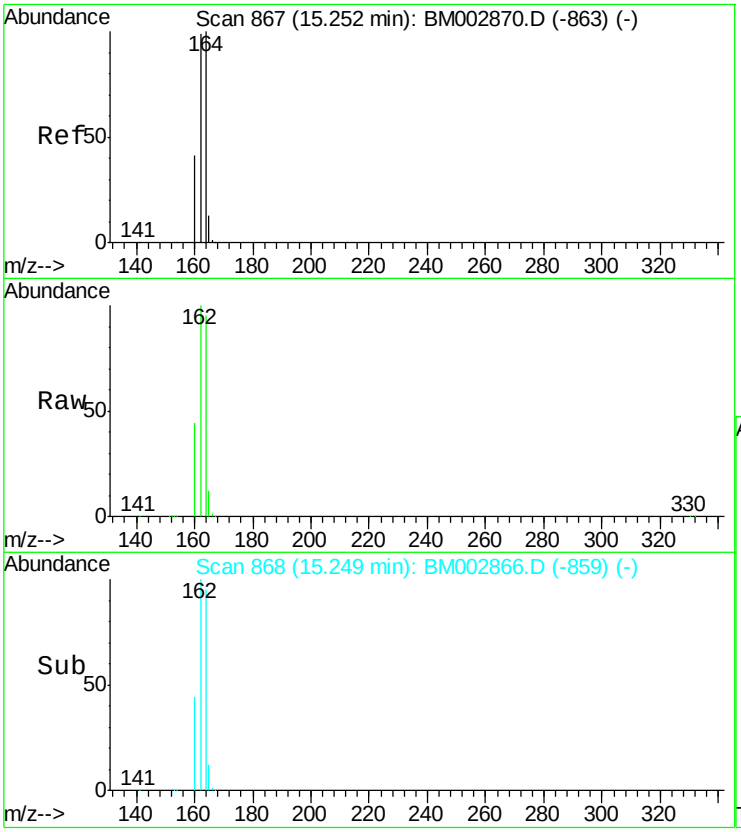


#12
2-Methylnaphthalene
Concen: 0.13 ng
RT: 13.15 min Scan# 720
Delta R.T. 0.02 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Tgt Ion:142 Resp: 2191

Ion	Ratio	Lower	Upper
142	100		
141	88.9	69.4	104.0
115	40.0	22.7	34.1#



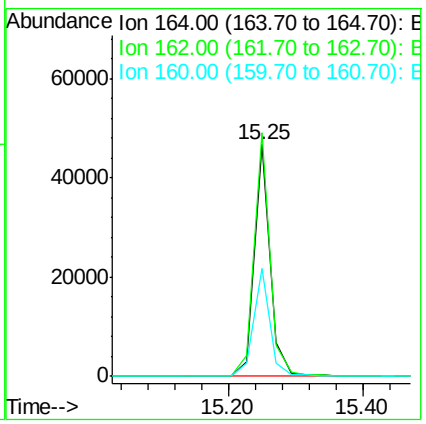


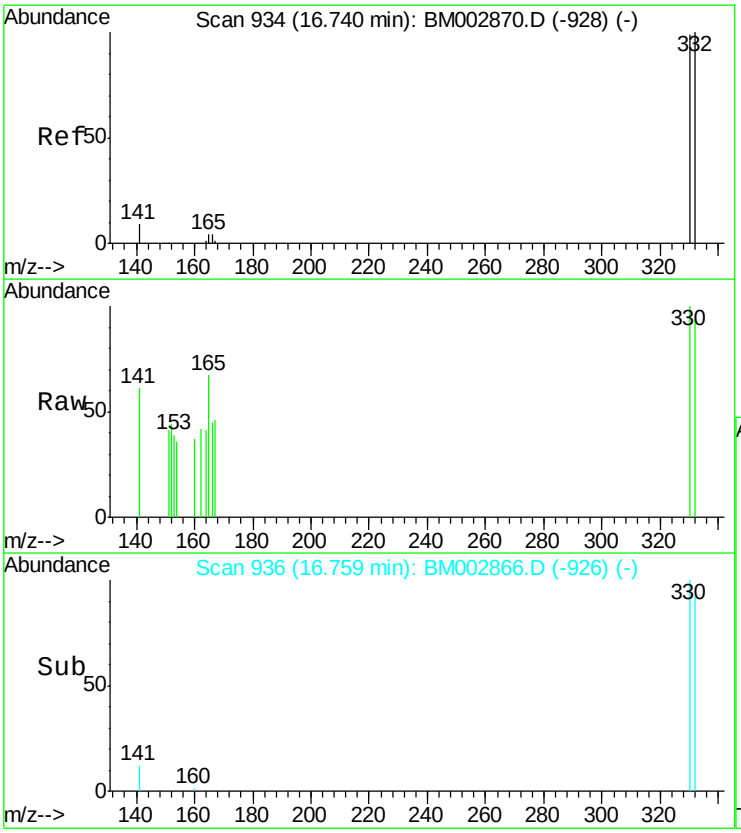
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 15.25 min Scan# 868
Delta R.T. -0.00 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 76571

Ion	Ratio	Lower	Upper
164	100		
162	105.0	79.6	119.4
160	46.5	33.1	49.7

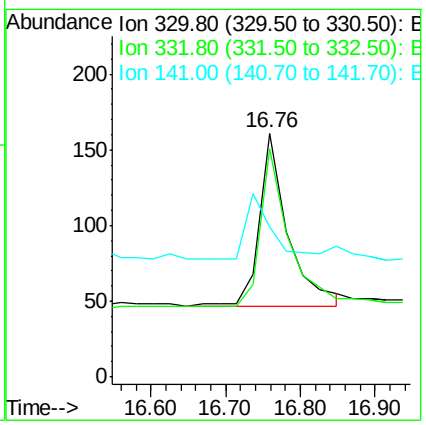


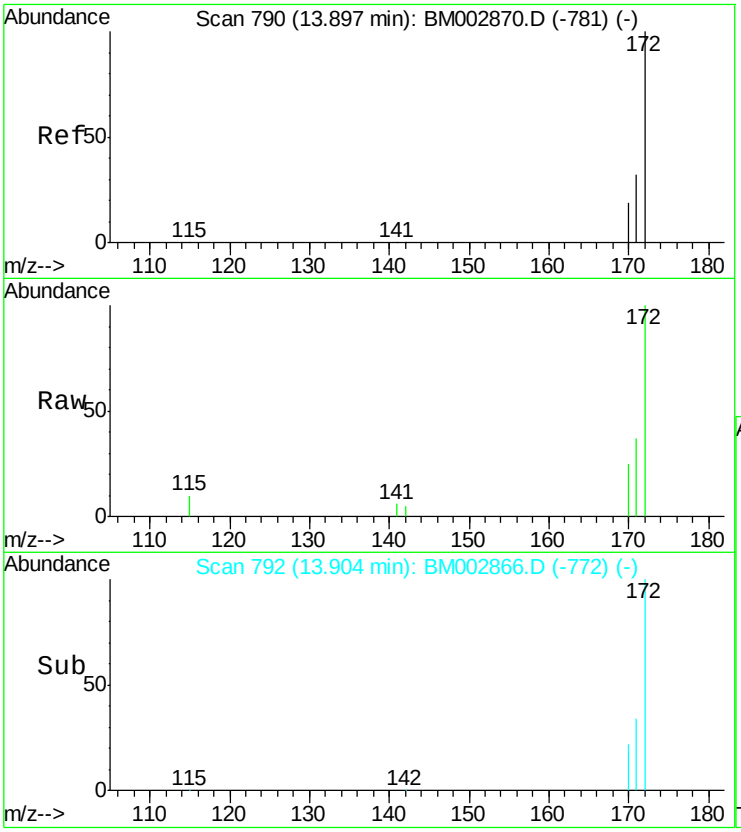


#14
2,4,6-Tribromophenol
Concen: 0.12 ng
RT: 16.76 min Scan# 936
Delta R.T. 0.02 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Tgt Ion:330 Resp: 301

Ion	Ratio	Lower	Upper
330	100		
332	89.7	76.6	115.0
141	0.0	0.0	0.0



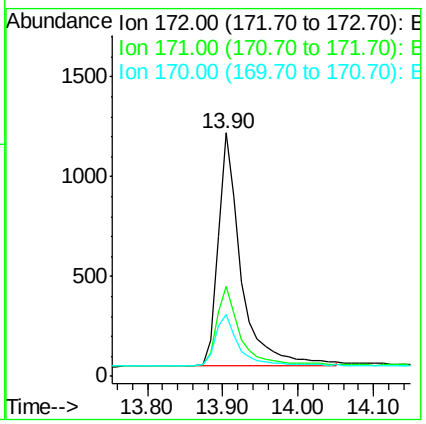


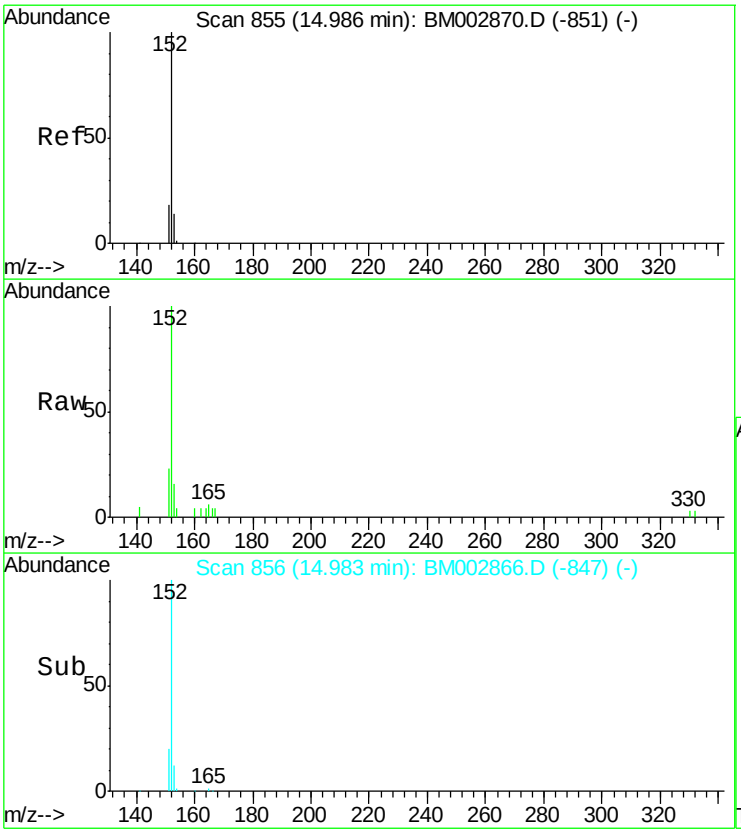
#15
2-Fluorobiphenyl
Concen: 0.12 ng
RT: 13.90 min Scan# 792
Delta R.T. 0.01 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 2519

Ion	Ratio	Lower	Upper
172	100		
171	37.1	26.1	39.1
170	25.3	15.7	23.5#

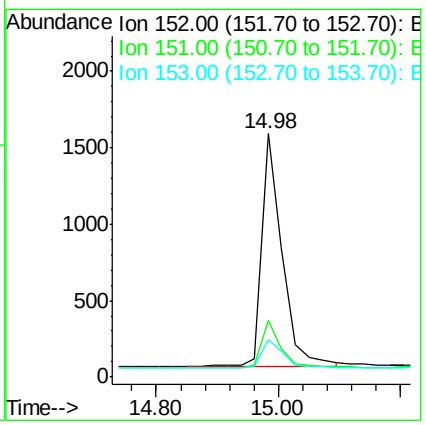


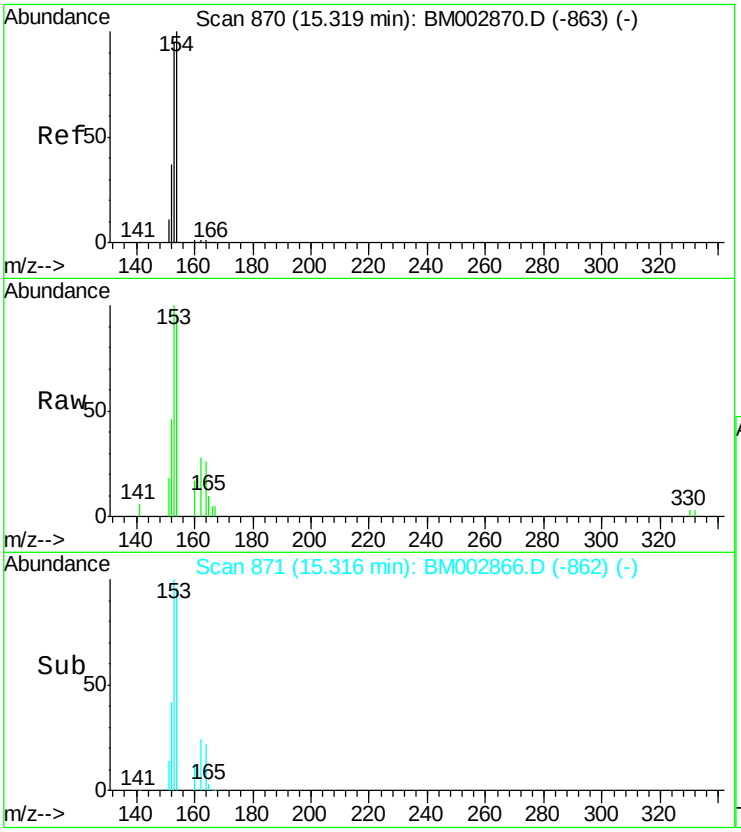


#16
Acenaphthylene
Concen: 0.03 ng
RT: 14.98 min Scan# 856
Delta R.T. -0.00 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Tgt Ion:152 Resp: 3510

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.3	22.9
153	12.9	10.5	15.7



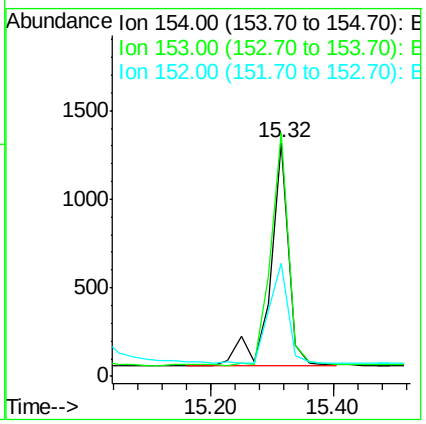


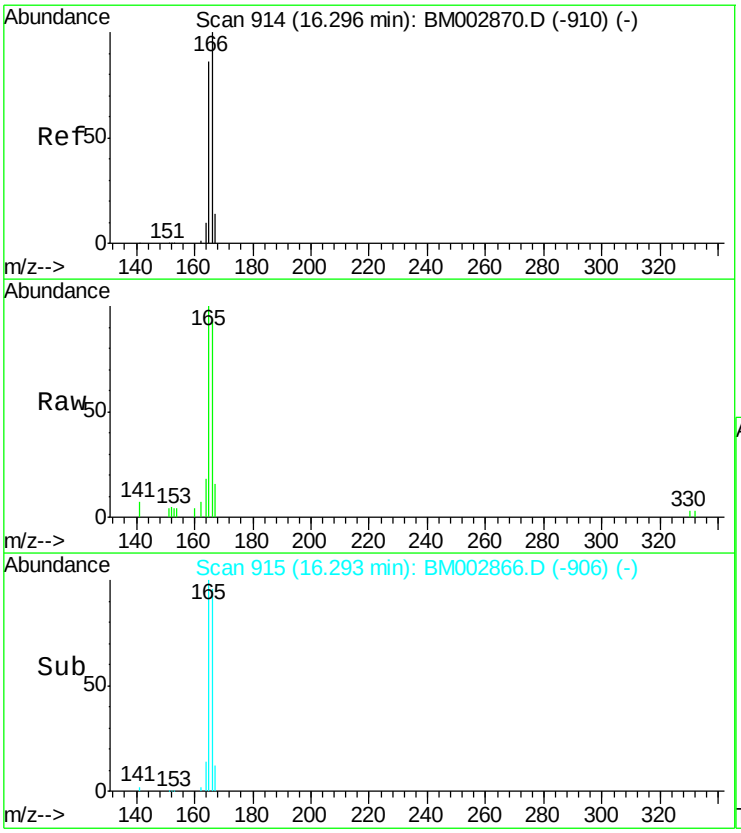
#17
Acenaphthene
Concen: 0.13 ng
RT: 15.32 min Scan# 871
Delta R.T. -0.00 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 2646

Ion	Ratio	Lower	Upper
154	100		
153	99.4	0.0	0.0#
152	46.1	0.0	0.0#

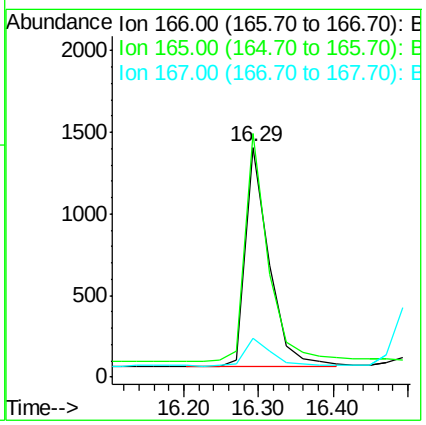


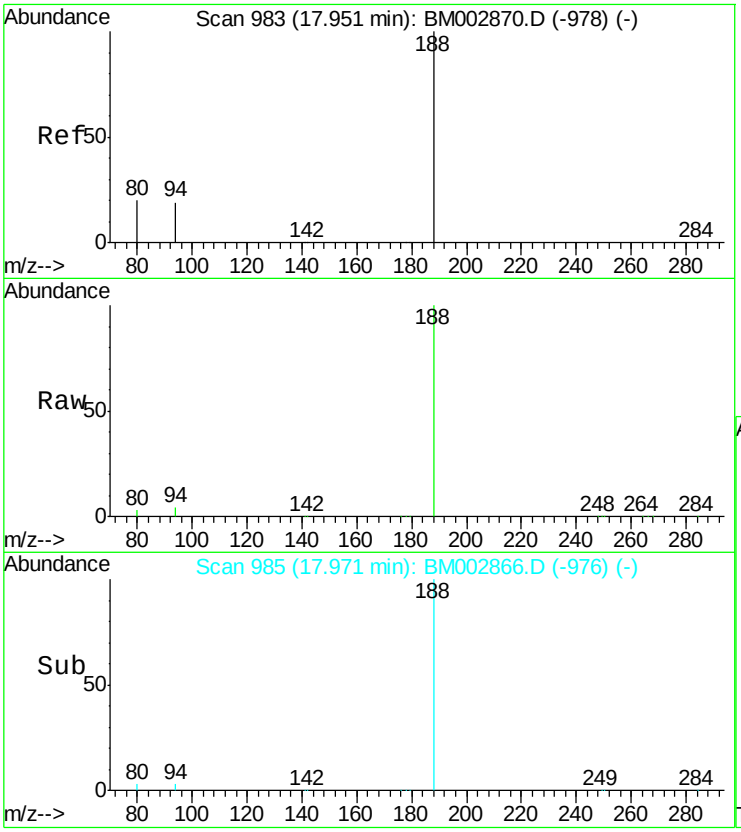


#18
Fluorene
Concen: 0.12 ng
RT: 16.29 min Scan# 915
Delta R.T. -0.00 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Tgt Ion:166 Resp: 2991

Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.3	115.9
167	13.9	10.9	16.3



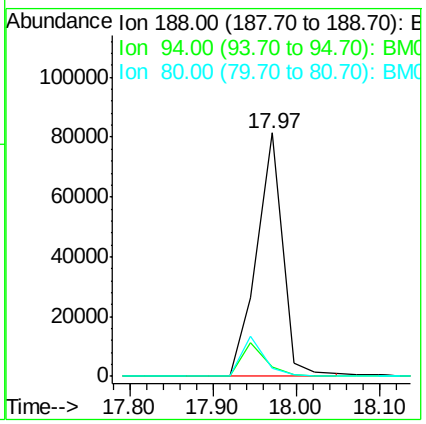


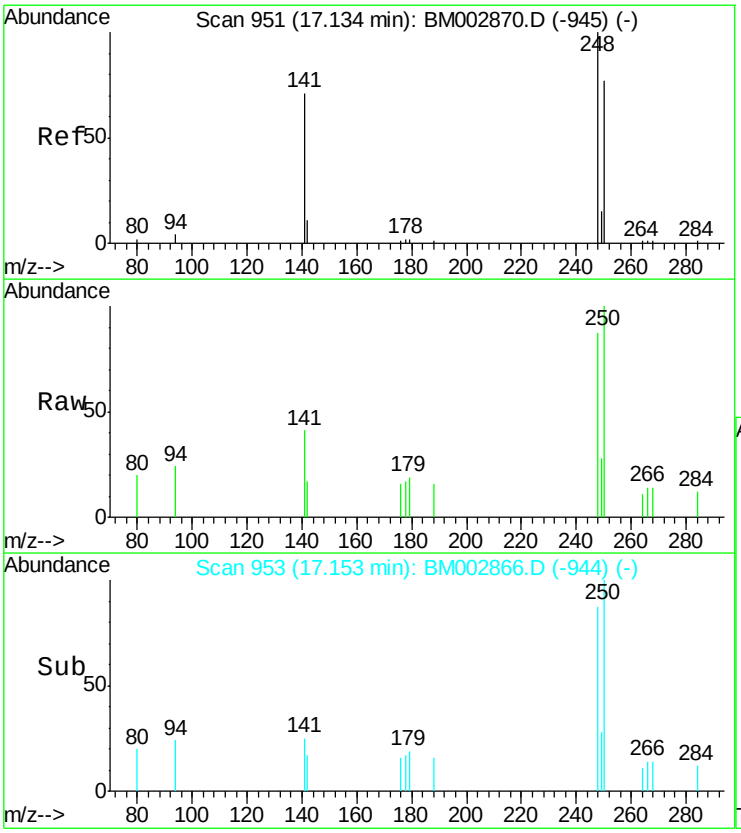
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.97 min Scan# 985
Delta R.T. 0.02 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 174795

Ion	Ratio	Lower	Upper
188	100		
94	3.6	15.2	22.8#
80	3.1	15.9	23.9#

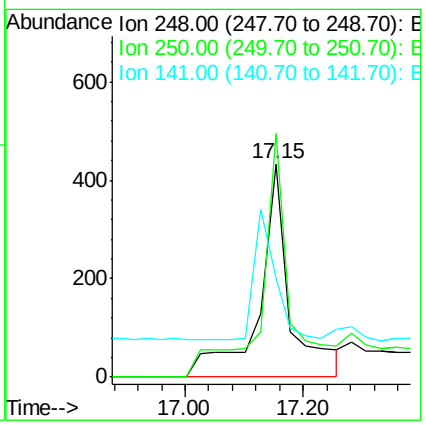


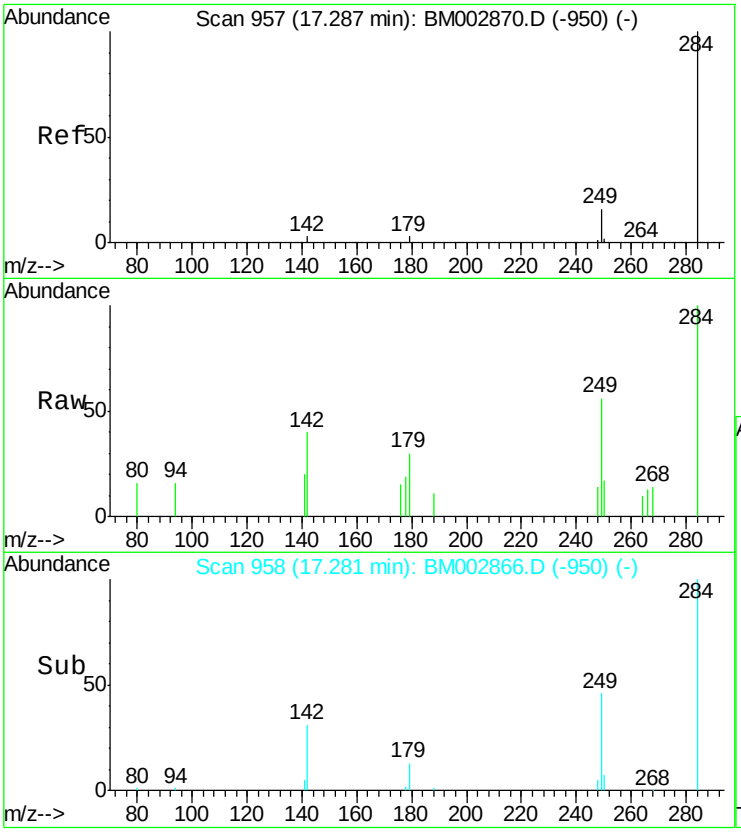


#20
4-Bromophenyl-phenylether
Concen: 0.22 ng
RT: 17.15 min Scan# 953
Delta R.T. 0.02 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Tgt Ion:248 Resp: 1554

Ion	Ratio	Lower	Upper
248	100		
250	109.7	71.4	107.2#
141	0.0	54.6	82.0#



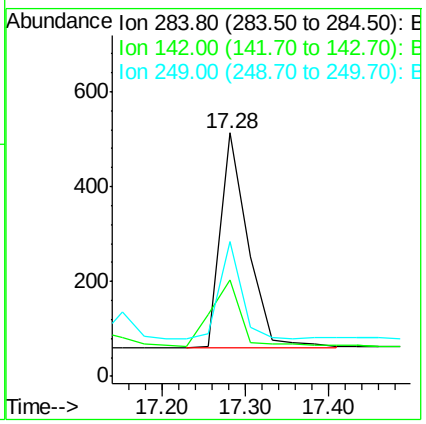


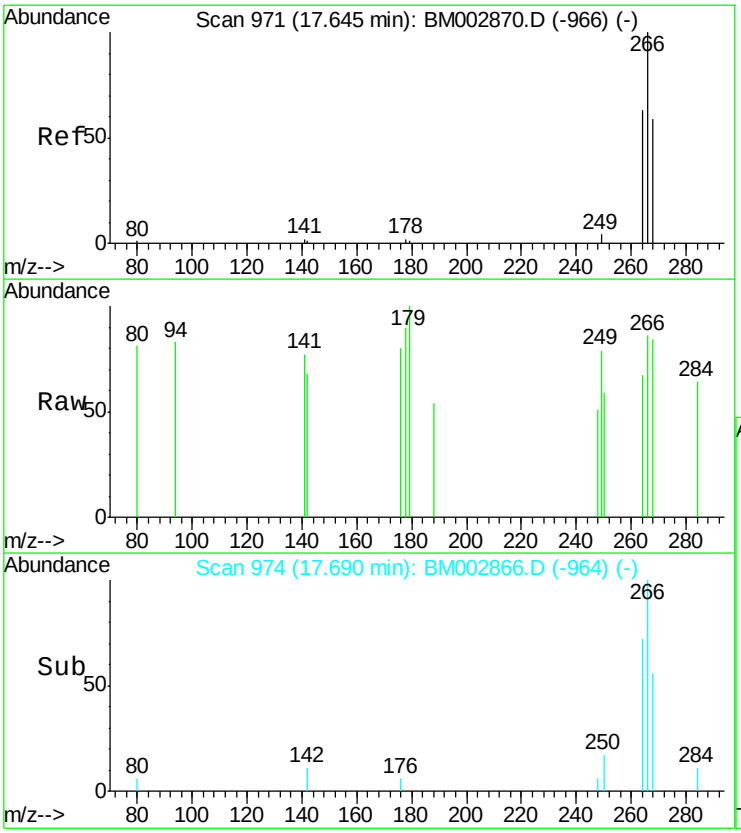
#21
Hexachlorobenzene
Concen: 0.03 ng
RT: 17.28 min Scan# 958
Delta R.T. -0.01 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 1053

Ion	Ratio	Lower	Upper
284	100		
142	31.3	0.0	0.0#
249	36.0	20.7	31.1#

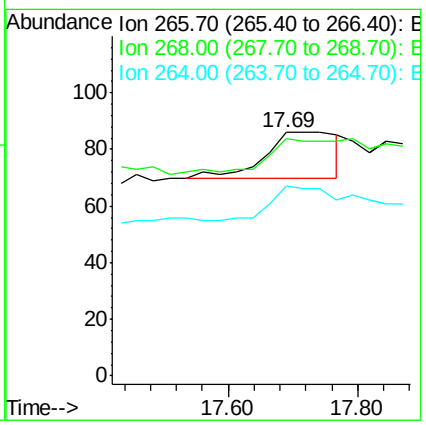


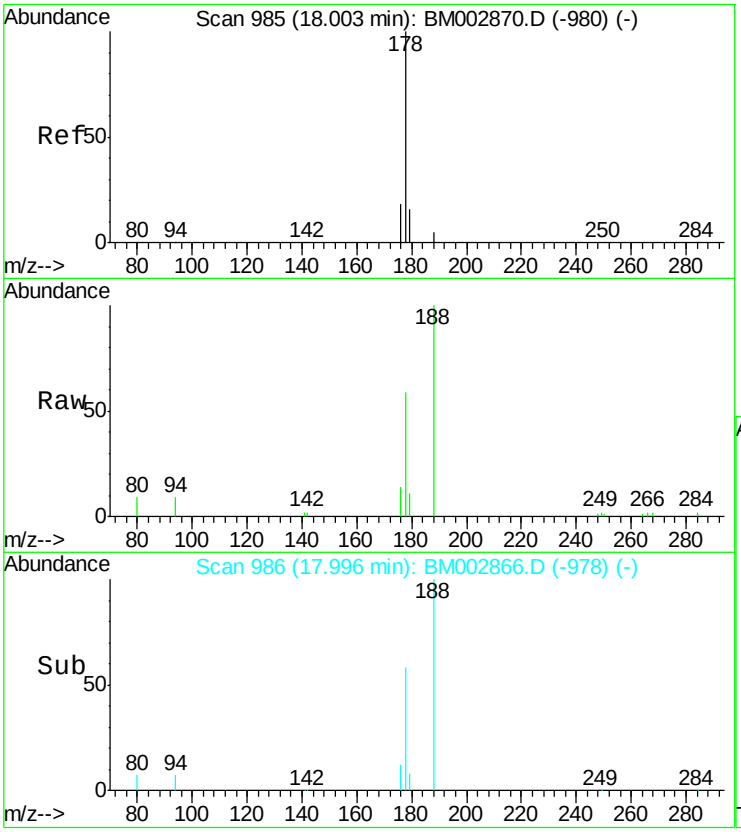


#22
Pentachlorophenol
Concen: 0.05 ng
RT: 17.69 min Scan# 974
Delta R.T. 0.04 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Tgt Ion:266 Resp: 124

Ion	Ratio	Lower	Upper
266	100		
268	97.7	58.3	87.5#
264	77.9	54.2	81.2



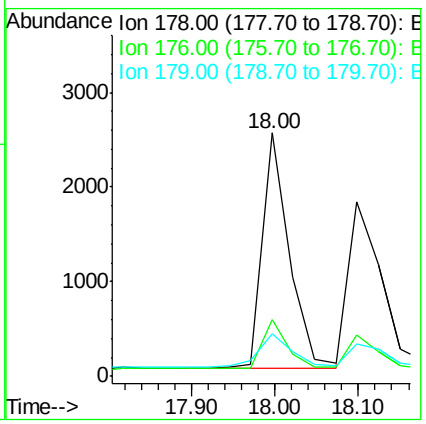


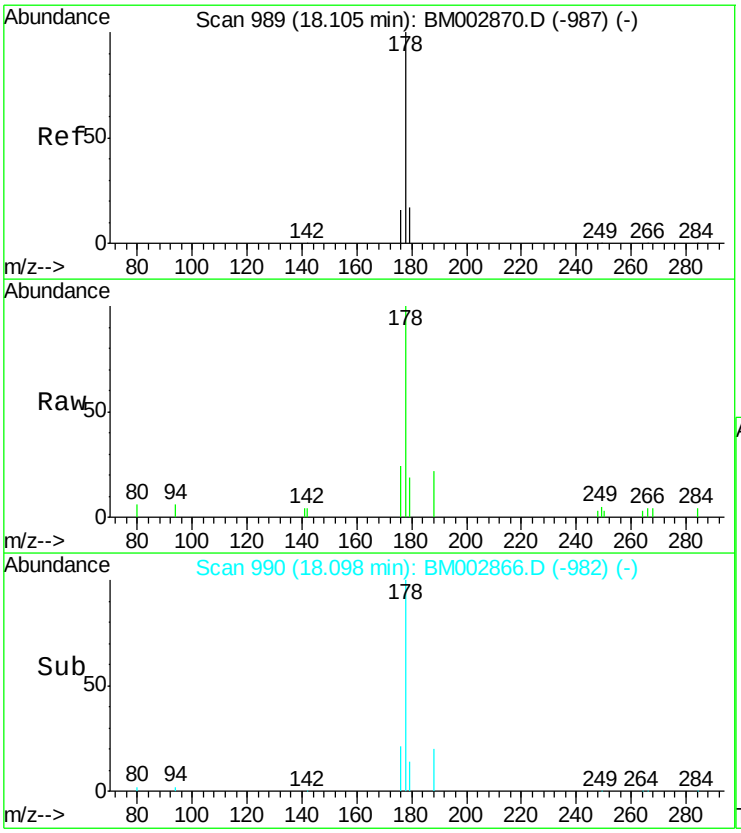
#23
Phenanthrene
Concen: 0.12 ng
RT: 18.00 min Scan# 986
Delta R.T. -0.01 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 5579

Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.6	21.8
179	17.5	12.5	18.7

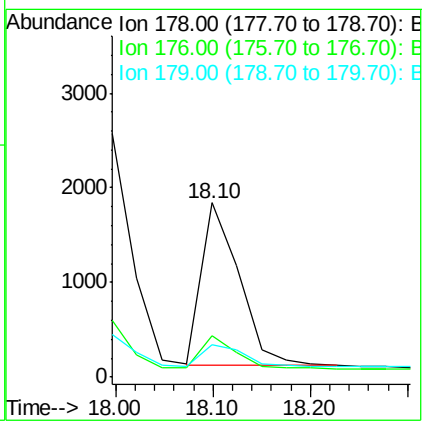


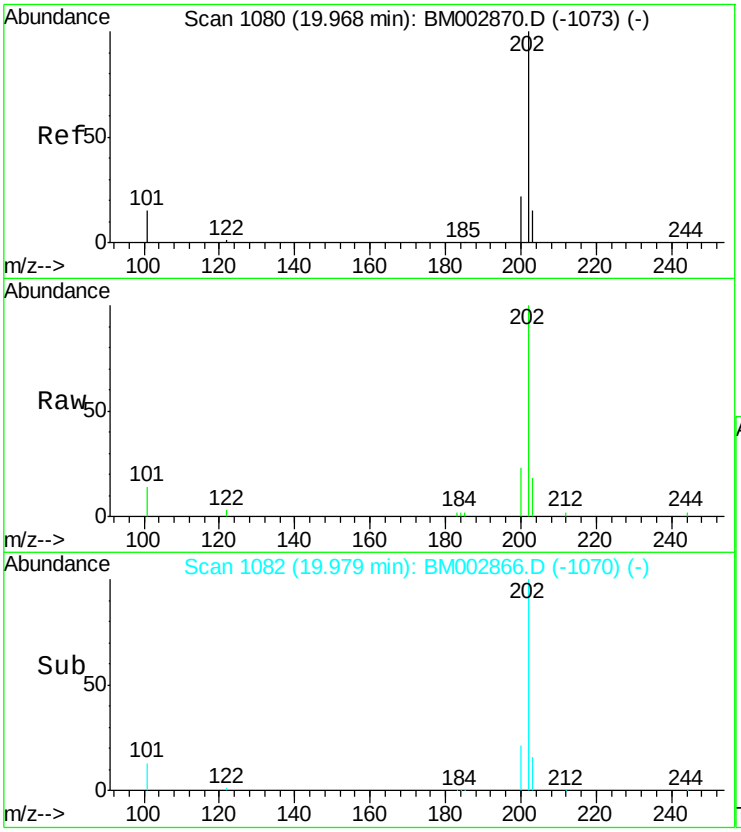


#24
Anthracene
Concen: 0.12 ng
RT: 18.10 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Tgt Ion:178 Resp: 4653

Ion	Ratio	Lower	Upper
178	100		
176	18.5	13.9	20.9
179	15.1	12.6	18.8



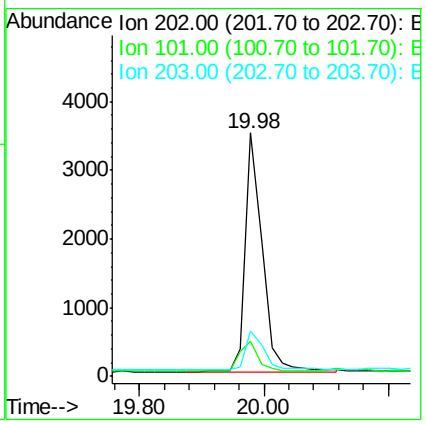


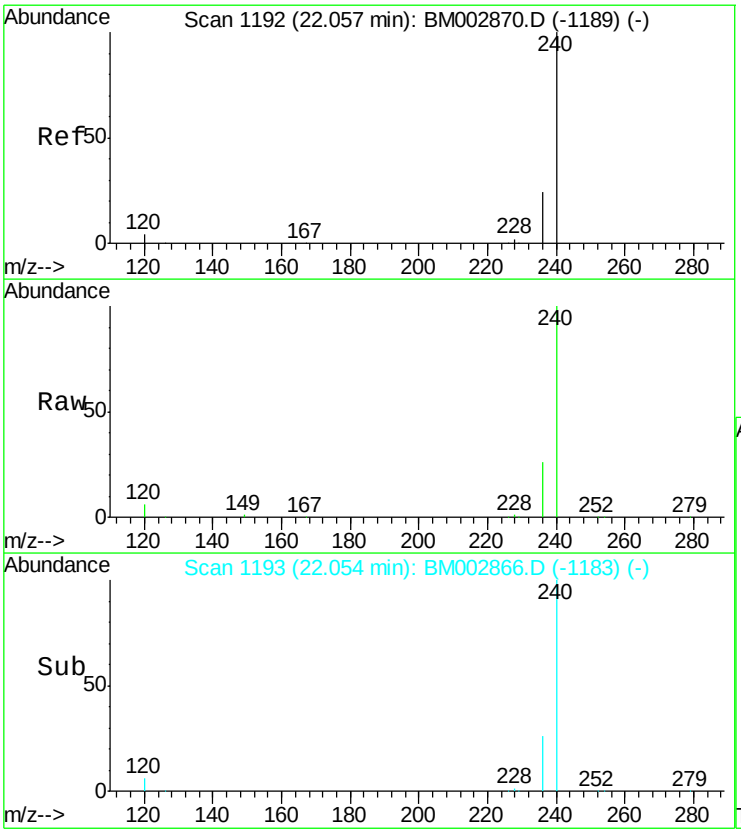
#25
Fluoranthene
Concen: 0.12 ng
RT: 19.98 min Scan# 1082
Delta R.T. 0.01 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 6561

Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.0	16.6
203	18.7	13.8	20.6

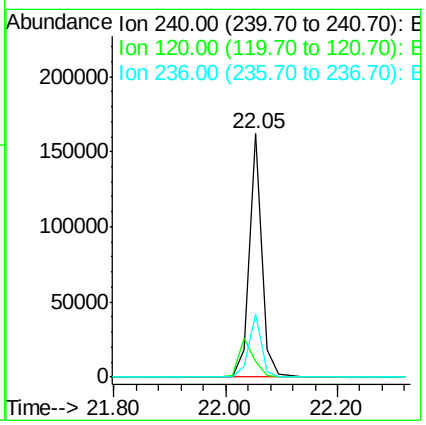


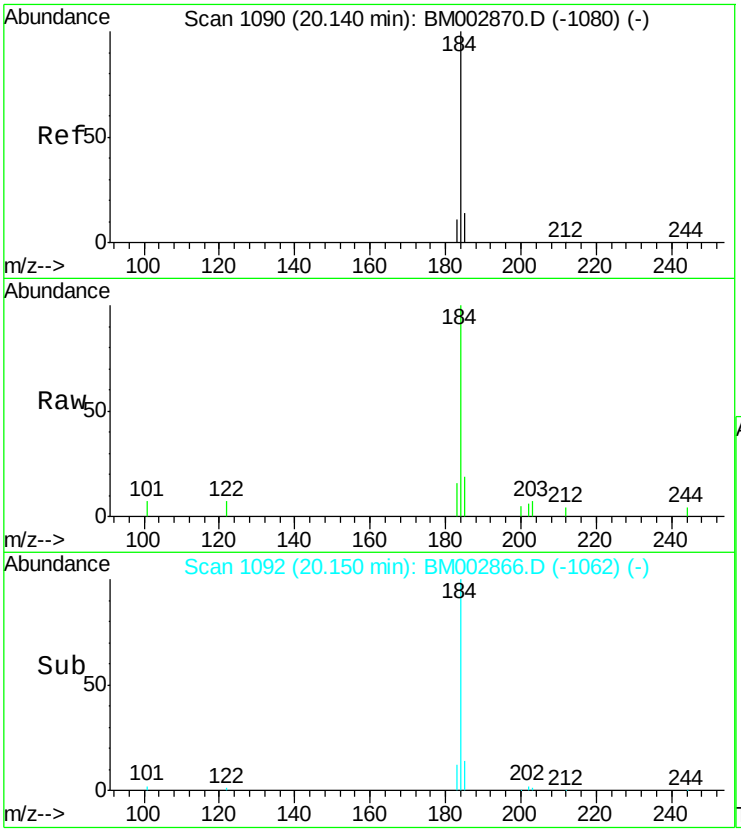


#26
Chrysene-d12
Concen: 5.00 ng
RT: 22.05 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Tgt Ion:240 Resp: 248424

Ion	Ratio	Lower	Upper
240	100		
120	6.3	3.3	4.9#
236	26.0	19.5	29.3



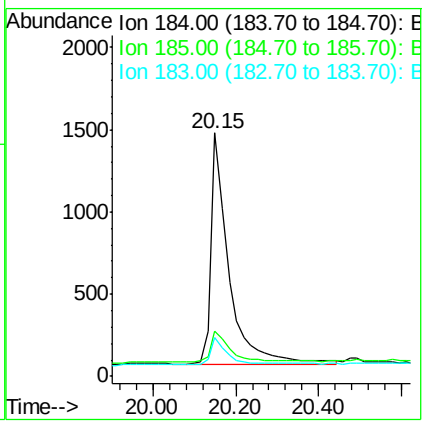


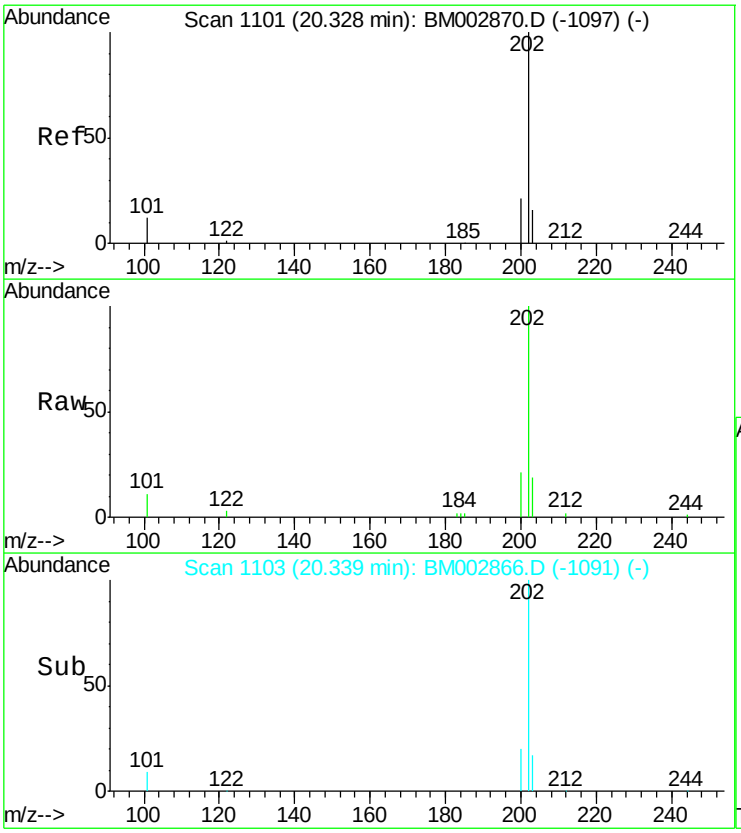
#27
Benzidine
Concen: 0.47 ng
RT: 20.15 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:184 Resp: 4155

Ion	Ratio	Lower	Upper
184	100		
185	18.6	12.0	18.0#
183	16.2	8.9	13.3#

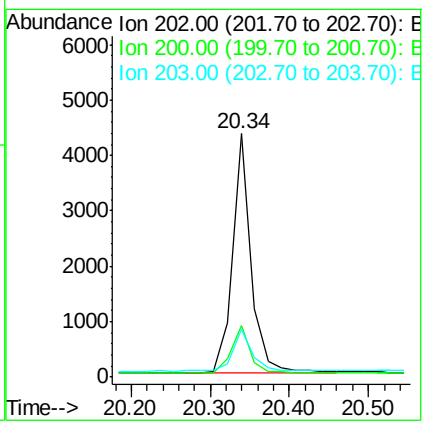


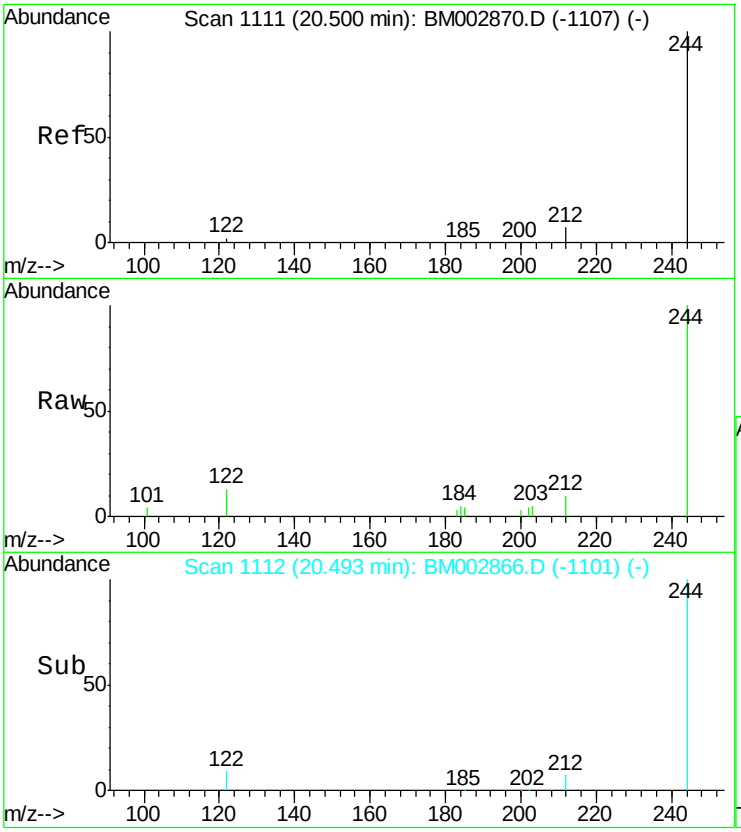


#28
Pyrene
Concen: 0.11 ng
RT: 20.34 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Tgt Ion:202 Resp: 7057

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.2	24.4
203	19.5	13.8	20.8



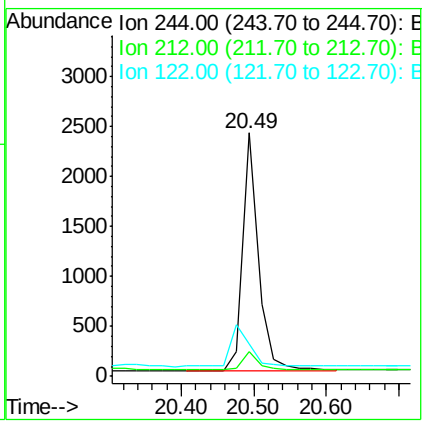


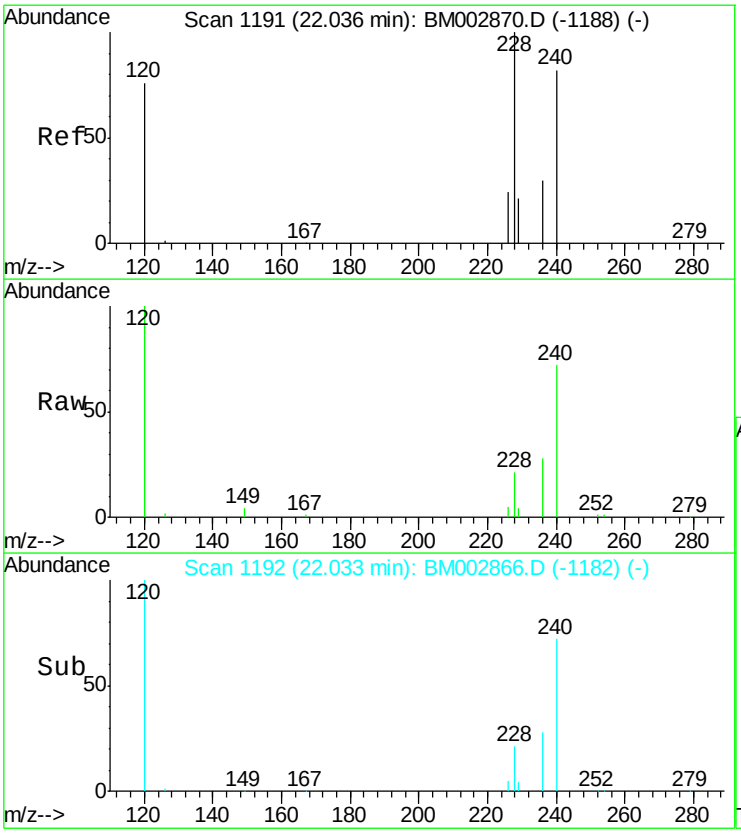
#29
Terphenyl-d14
Concen: 0.11 ng
RT: 20.49 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 3573

Ion	Ratio	Lower	Upper
244	100		
212	10.4	5.6	8.4#
122	13.1	2.2	3.2#

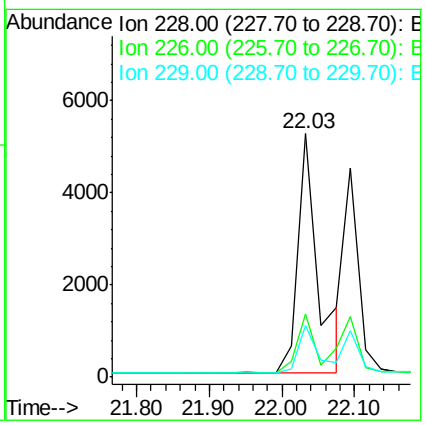


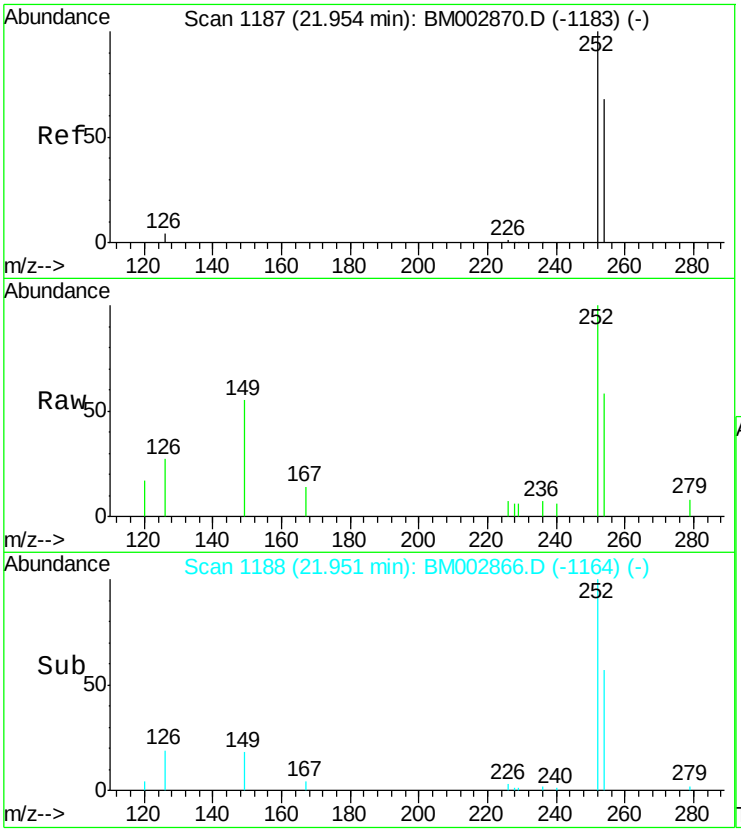


#30
Benzo(a)anthracene
Concen: 0.17 ng
RT: 22.03 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Tgt Ion:228 Resp: 10222

Ion	Ratio	Lower	Upper
228	100		
226	26.2	19.0	28.6
229	21.4	16.8	25.2



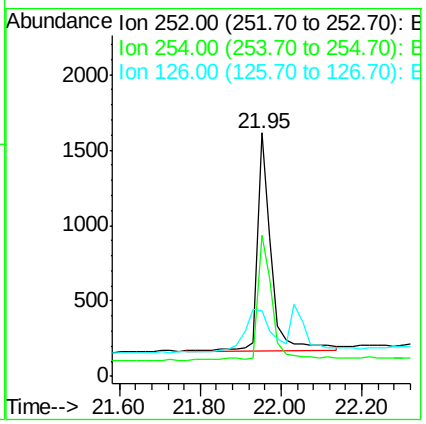


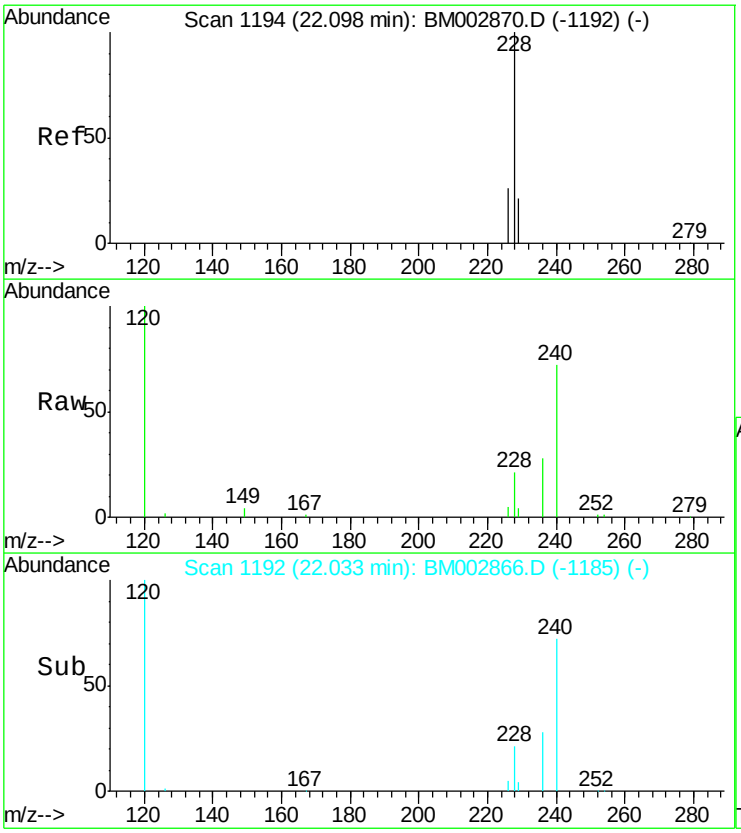
#31
3,3'-Dichlorobenzidine
Concen: 0.28 ng
RT: 21.95 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 3440

Ion	Ratio	Lower	Upper
252	100		
254	58.0	54.1	81.1
126	26.8	4.1	6.1#

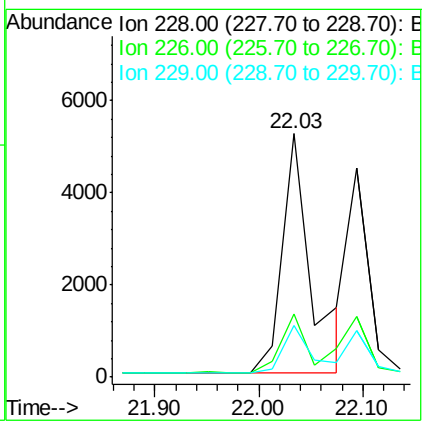


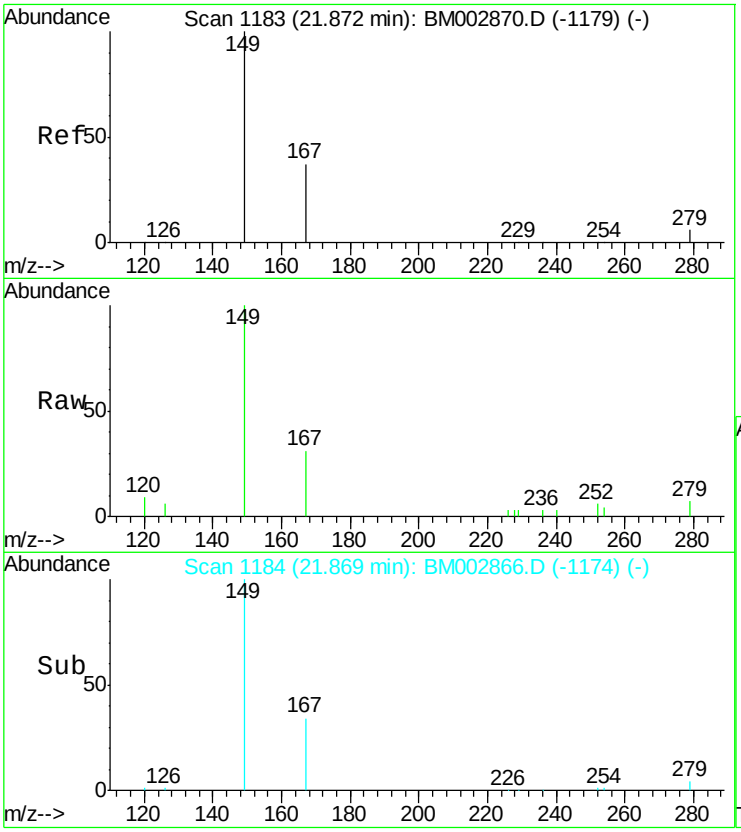


#32
Chrysene
Concen: 0.14 ng
RT: 22.03 min Scan# 1192
Delta R.T. -0.06 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Tgt Ion:228 Resp: 10156

Ion	Ratio	Lower	Upper
228	100		
226	26.2	20.6	30.8
229	21.4	17.4	26.2



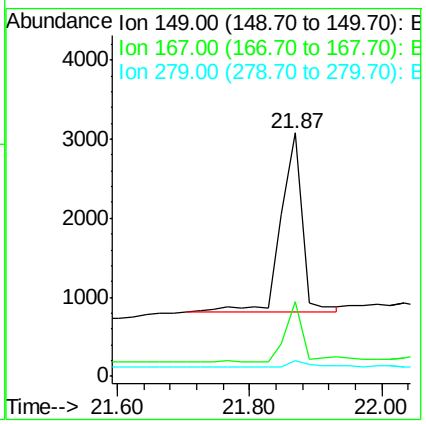


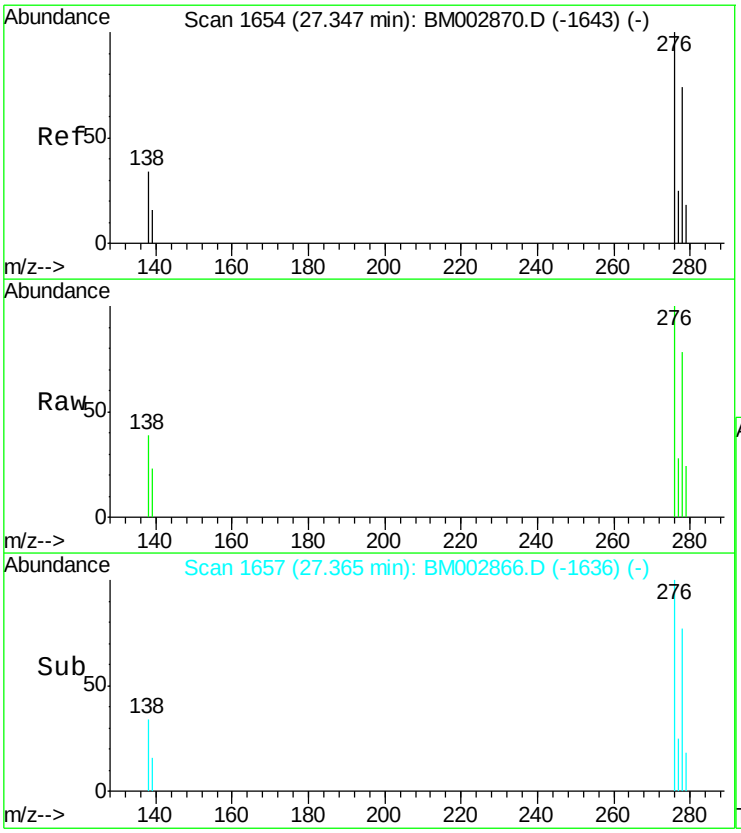
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.18 ng
RT: 21.87 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:149 Resp: 5032

Ion	Ratio	Lower	Upper
149	100		
167	25.4	17.2	25.8
279	4.9	2.2	3.4#

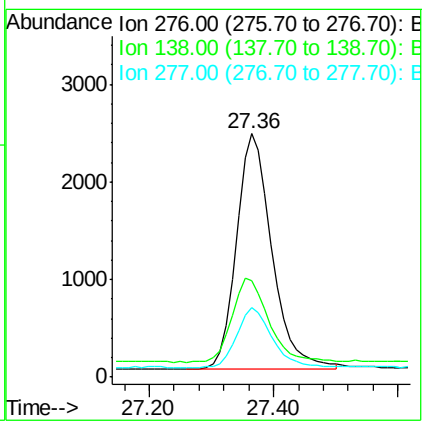


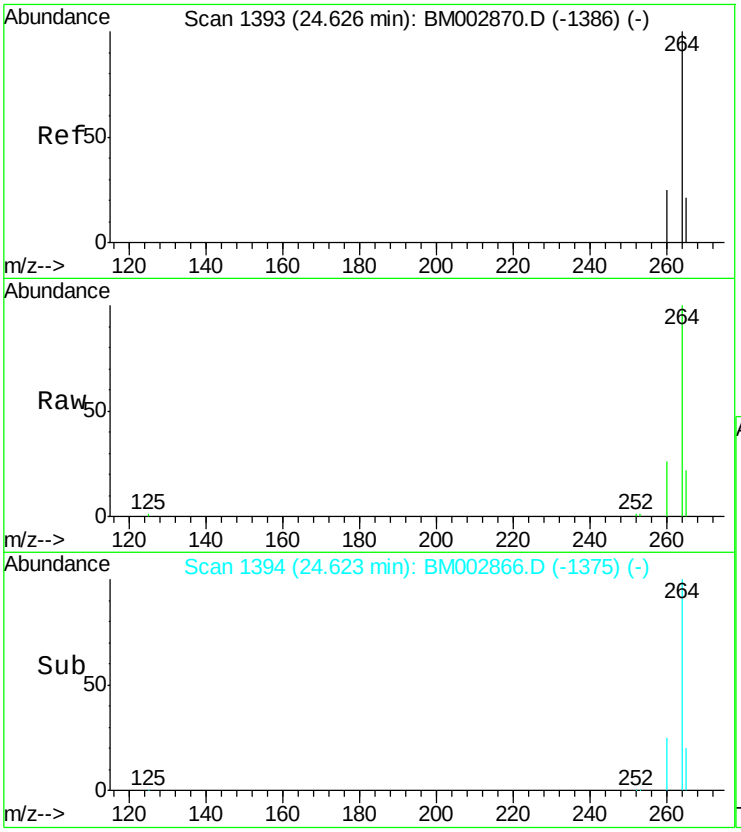


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.15 ng
RT: 27.36 min Scan# 1657
Delta R.T. 0.02 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Tgt Ion:276 Resp: 9675

Ion	Ratio	Lower	Upper
276	100		
138	36.8	29.0	43.6
277	25.1	19.8	29.8



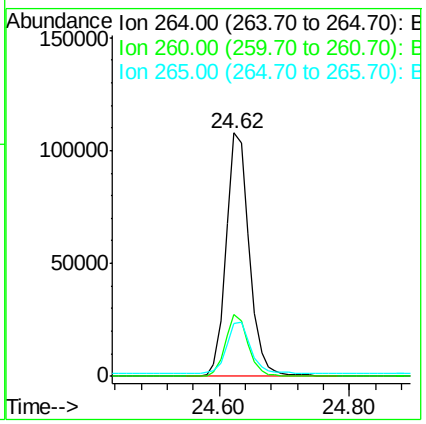


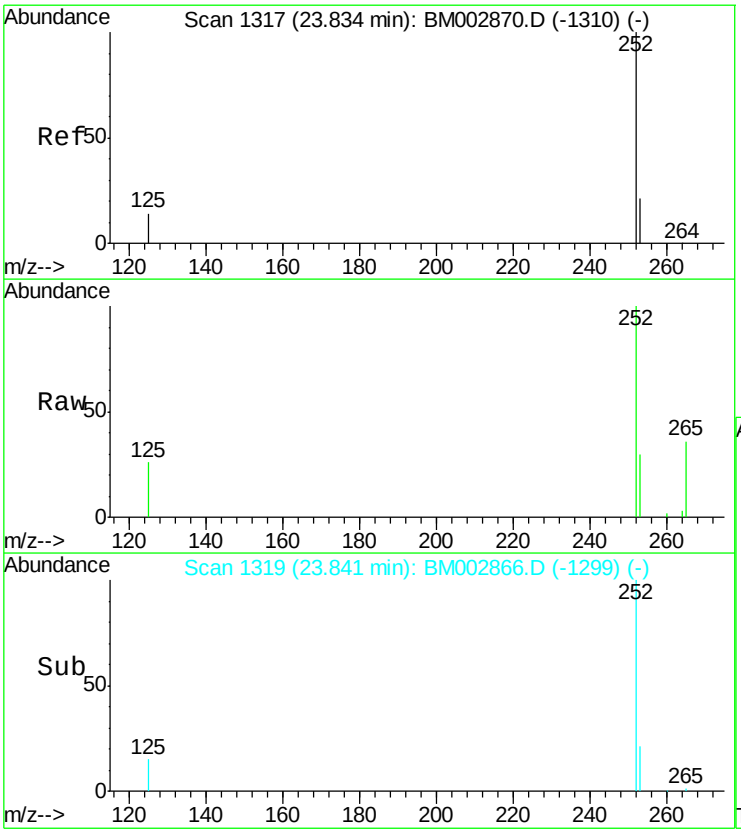
#35
Perylene-d12
Concen: 5.00 ng
RT: 24.62 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 263462

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.1	30.1
265	21.7	17.6	26.4

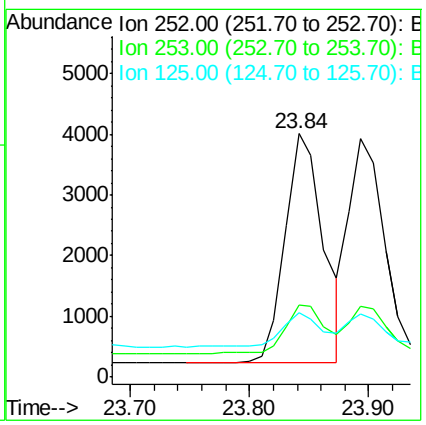


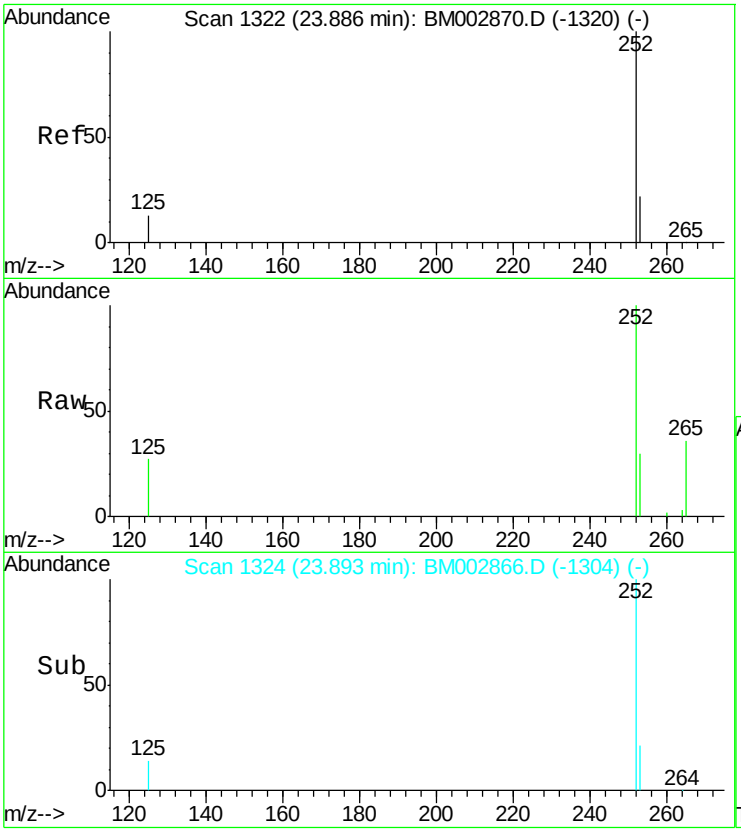


#36
Benzo(b)fluoranthene
Concen: 0.14 ng
RT: 23.84 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Tgt Ion:252 Resp: 8478

Ion	Ratio	Lower	Upper
252	100		
253	29.7	17.5	26.3#
125	26.4	12.4	18.6#



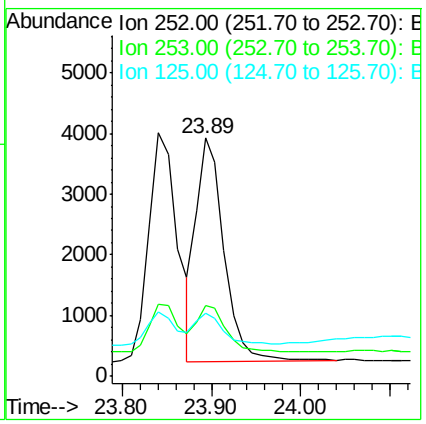


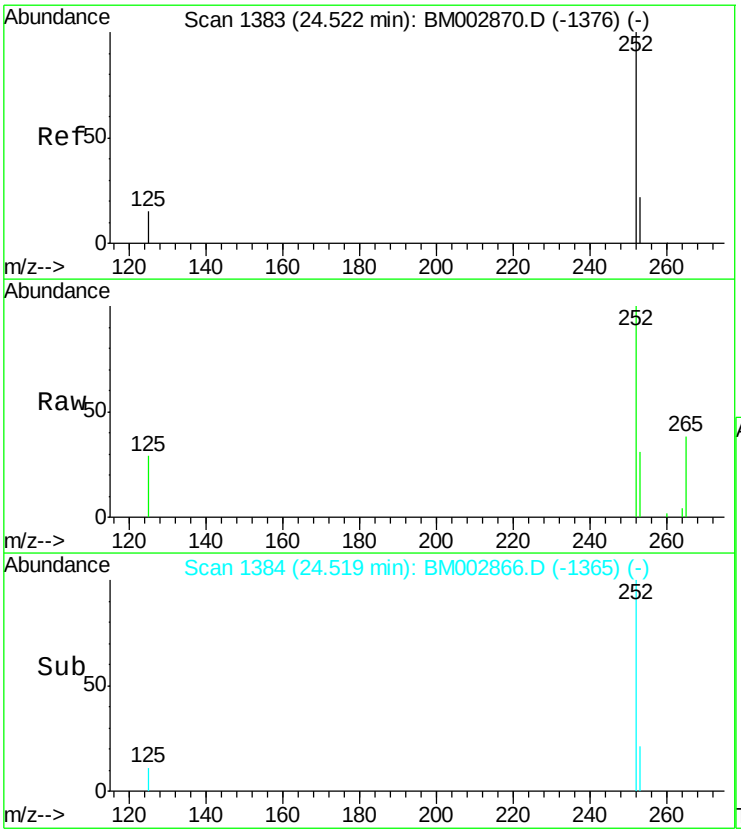
#37
Benzo(k)fluoranthene
Concen: 0.10 ng
RT: 23.89 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 7918

Ion	Ratio	Lower	Upper
252	100		
253	29.9	17.9	26.9#
125	26.6	12.3	18.5#

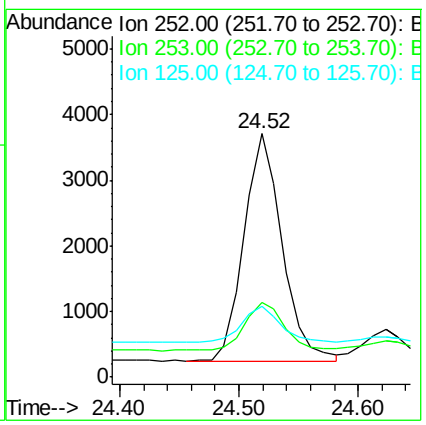


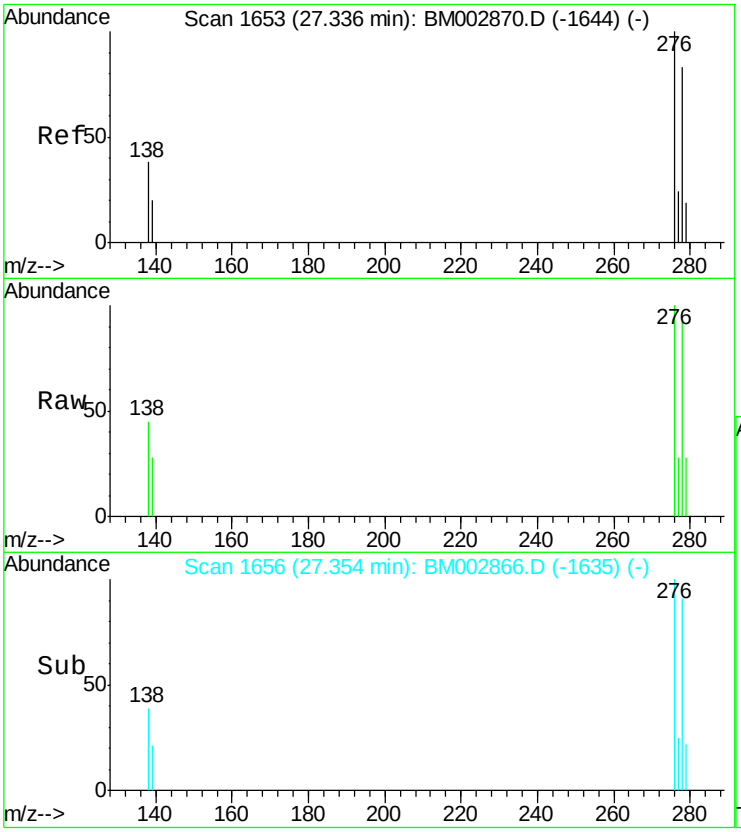


#38
Benzo(a)pyrene
Concen: 0.14 ng
RT: 24.52 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Tgt Ion:252 Resp: 7723

Ion	Ratio	Lower	Upper
252	100		
253	30.9	18.4	27.6#
125	28.9	13.3	19.9#



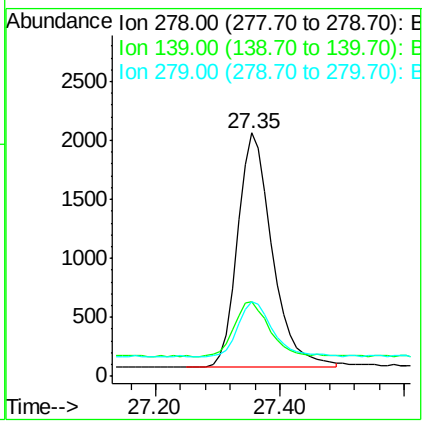


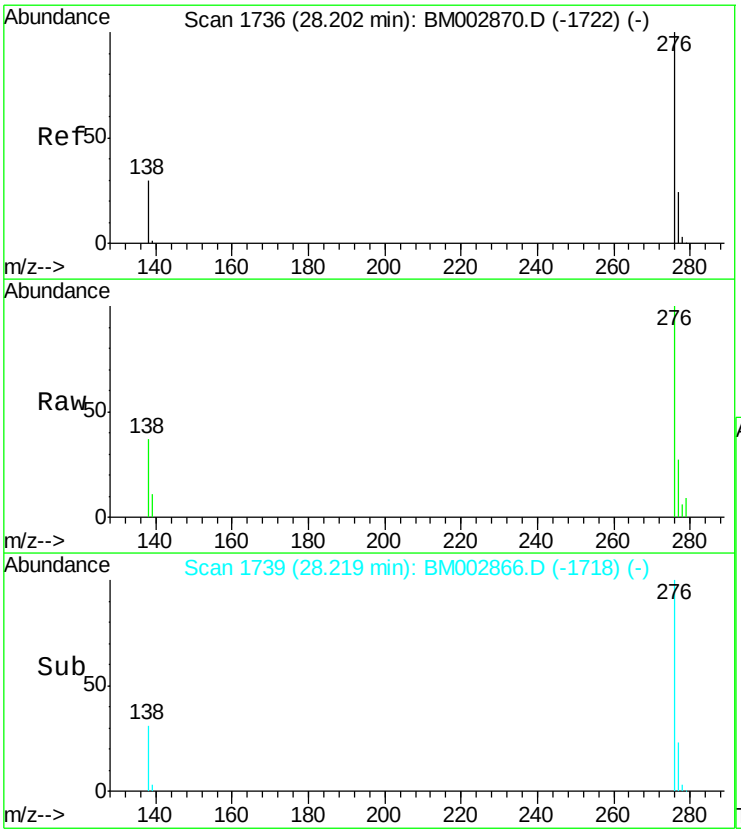
#39
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 27.35 min Scan# 1656
Delta R.T. 0.02 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:278 Resp: 7777

Ion	Ratio	Lower	Upper
278	100		
139	30.8	19.8	29.6#
279	30.8	19.1	28.7#





#40
Benzo(g,h,i)perylene
Concen: 0.14 ng
RT: 28.22 min Scan# 1739
Delta R.T. 0.02 min
Lab File: BM002866.D
Acq: 08 Oct 2015 16:43

Tgt Ion:276 Resp: 8179

Ion	Ratio	Lower	Upper
276	100		
277	27.0	19.4	29.0
138	37.2	24.4	36.6#