Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM101515\
Data File : BM002908.D
Acq On : 15 Oct 2015 11:00
Operator : UM/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.2

Quant Time: Oct 15 12:41:11 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM101515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:17:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	84978	5.00	ng		0.00
7) Naphthalene-d8	11.50	136	341467	5.00	ng		0.00
13) Acenaphthene-d10	15.23	164	181880	5.00	ng		0.00
19) Phenanthrene-d10	17.96	188	382706	5.00	ng		0.00
26) Chrysene-d12	22.04	240	395829	5.00	ng		0.00
35) Perylene-d12	24.61	264	350374	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	6.20	112	2382	0.13	ng		0.03
5) Phenol-d6	7.82	99	3779	0.17	ng		0.02
8) Nitrobenzene-d5	9.89	82	3174	0.18	ng		0.01
14) 2,4,6-Tribromophenol	16.74	330	935	0.16	ng		0.03
15) 2-Fluorobiphenyl	13.89	172	12234	0.22	ng		0.00
29) Terphenyl-d14	20.49	244	12121	0.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	1739	0.21	ng		97
3) n-Nitrosodimethylamine	4.20	42	1074	0.16	ng		99
6) bis(2-Chloroethyl)ether	8.08	93	3784	0.17	ng		97
9) Nitrobenzene	9.95	77	3205	0.18	ng		99
10) Naphthalene	11.56	128	16564	0.22	ng		98
11) Hexachlorobutadiene	11.81	225	2684	0.22	ng		99
12) 2-Methylnaphthalene	13.14	142	10624	0.21	ng		99
16) Acenaphthylene	14.97	152	14870	0.19	ng		99
17) Acenaphthene	15.30	154	11718	0.24	ng	#	100
18) Fluorene	16.28	166	13113	0.21	ng		97
20) 4-Bromophenyl-phenylether	17.14	248	4372	0.24	ng	#	53
21) Hexachlorobenzene	17.27	284	4608	0.21	ng	#	86
22) Pentachlorophenol	17.67	266	107	0.05	ng	#	78
23) Phenanthrene	17.98	178	22191	0.20	ng		98
24) Anthracene	17.98	178	21929	0.23	ng		98
25) Fluoranthene	19.97	202	22803	0.18	ng		99
27) Benzidine	20.14	184	7565	0.14	ng		96
28) Pyrene	20.33	202	23444	0.22	ng		99
30) Benzo(a)anthracene	22.02	228	28849	0.25	ng		98
31) 3,3'-Dichlorobenzidine	21.94	252	7287	0.17	ng	#	89
32) Chrysene	22.02	228	28812	0.27	ng		98
33) Bis(2-ethylhexyl)phthalate	21.86	149	10479	0.15	ng	#	86
34) Indeno(1,2,3-cd)pyrene	27.33	276	22404	0.18	ng		99
36) Benzo(b)fluoranthene	23.83	252	20965	0.21	ng		95
37) Benzo(k)fluoranthene	23.88	252	21035	0.22	ng		96
38) Benzo(a)pyrene	24.50	252	18297	0.20	ng		96
39) Dibenzo(a,h)anthracene	27.32	278	17795	0.20	ng		98
40) Benzo(g,h,i)perylene	28.18	276	19121	0.21	ng		96

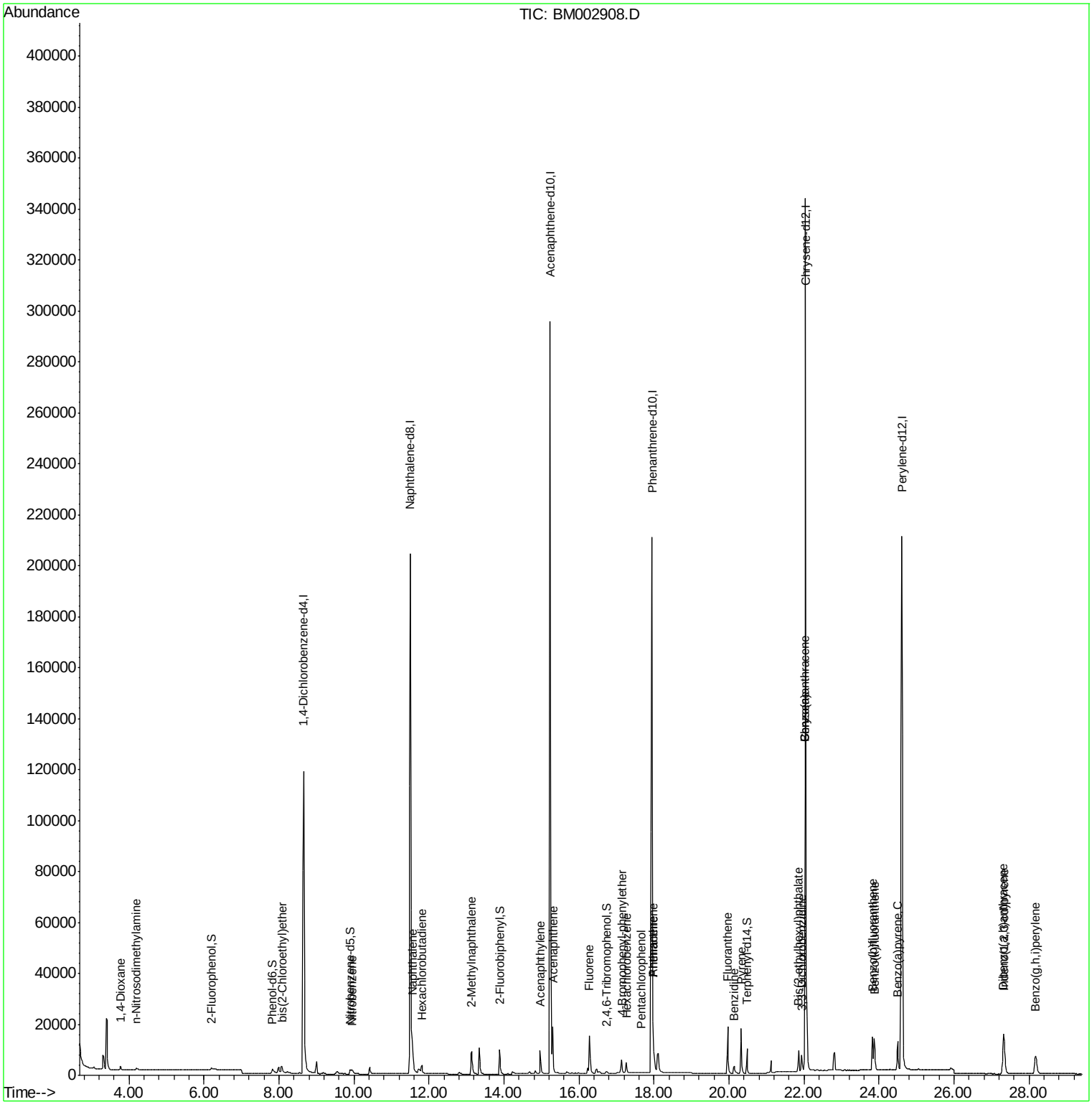
(#) = qualifier out of range (m) = manual integration (+) = signals summed

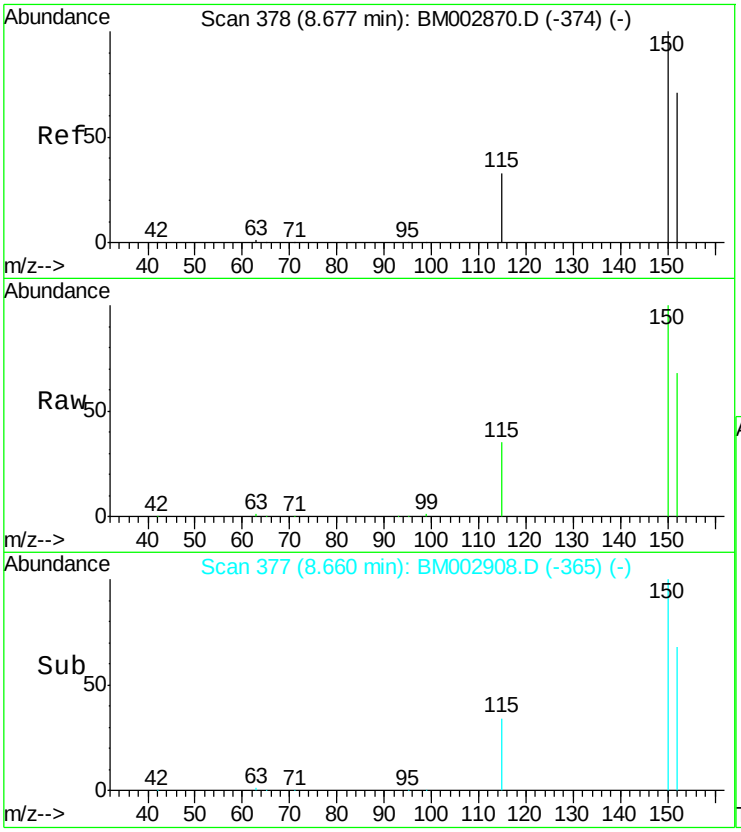
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM101515\
Data File : BM002908.D
Acq On : 15 Oct 2015 11:00
Operator : UM/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Quant Time: Oct 15 12:41:11 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM101515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:17:10 2015
Response via : Initial Calibration



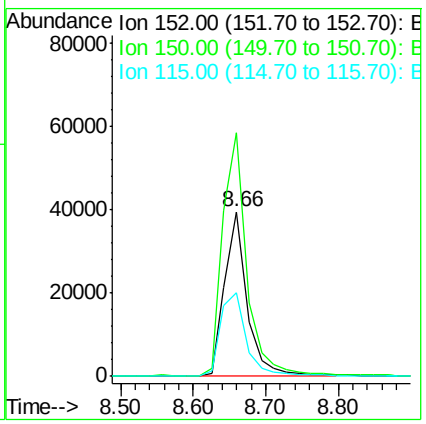


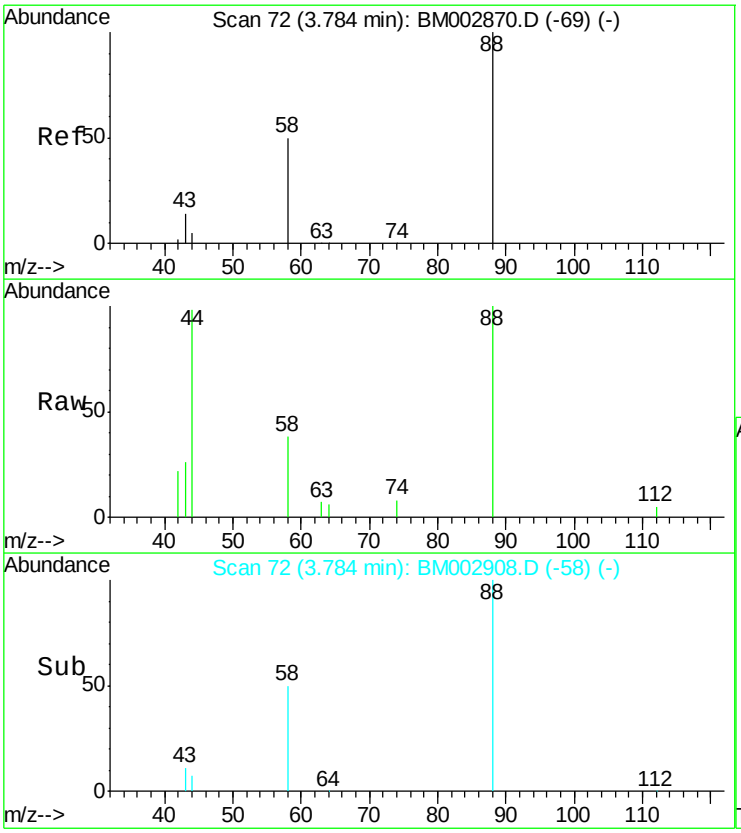
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.66 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 84978

Ion	Ratio	Lower	Upper
152	100		
150	147.9	113.0	169.6
115	51.1	37.9	56.9

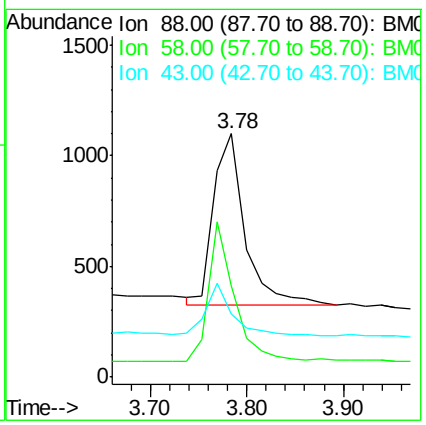


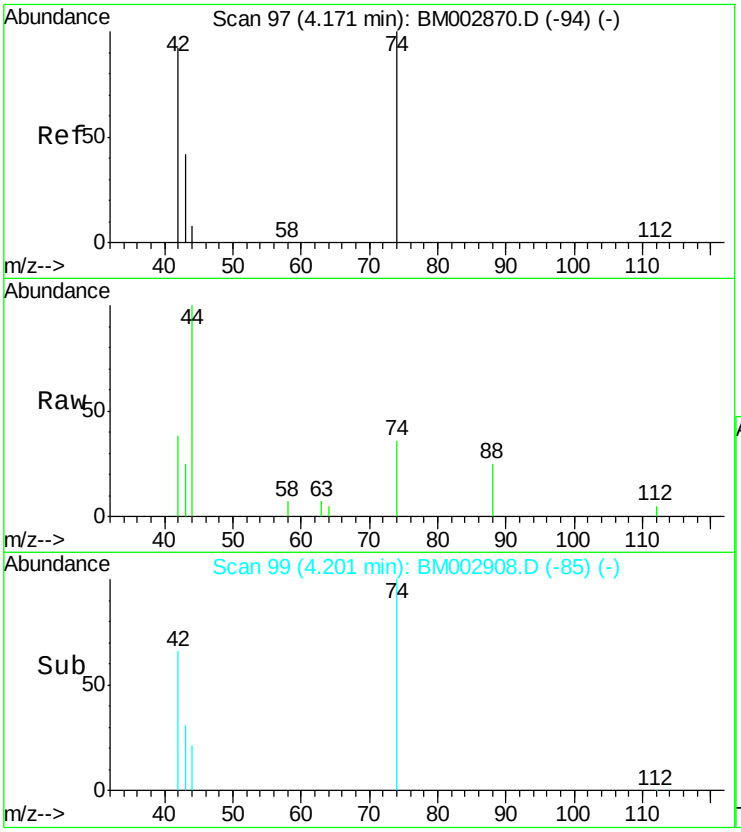


#2
1,4-Dioxane
Concen: 0.21 ng
RT: 3.78 min Scan# 72
Delta R.T. 0.02 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Tgt Ion: 88 Resp: 1739

Ion	Ratio	Lower	Upper
88	100		
58	68.4	56.7	85.1
43	26.2	22.0	33.0



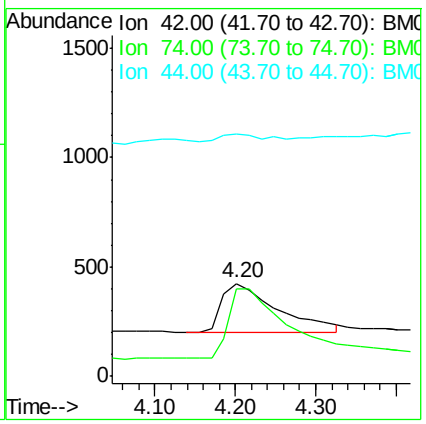


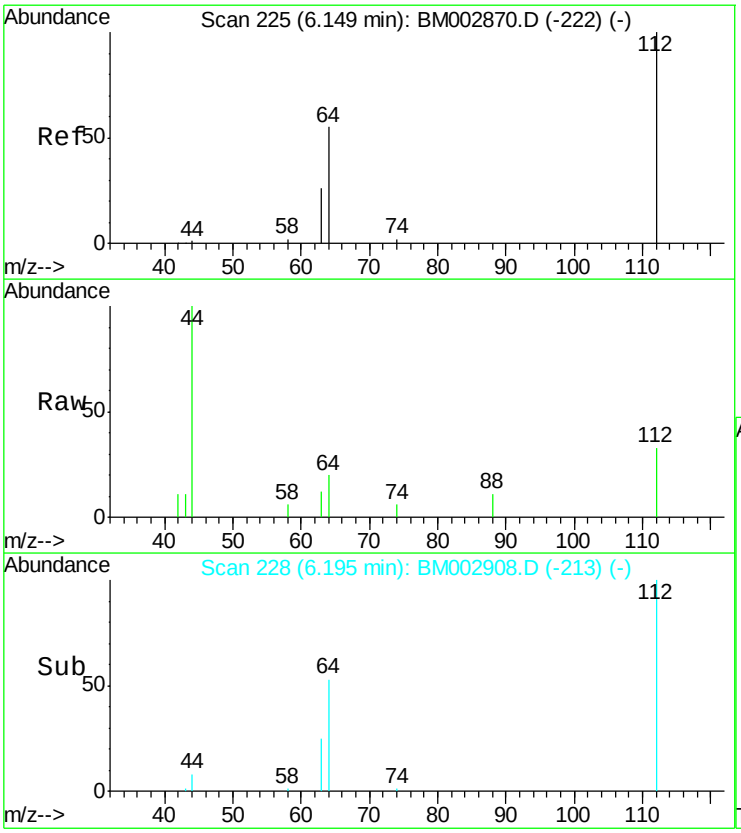
#3
n-Nitrosodimethylamine
Concen: 0.16 ng
RT: 4.20 min Scan# 99
Delta R.T. 0.02 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 1074

Ion	Ratio	Lower	Upper
42	100		
74	148.6	119.7	179.5
44	12.2	9.8	14.6

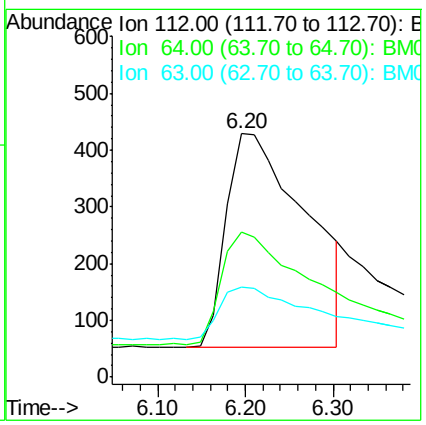


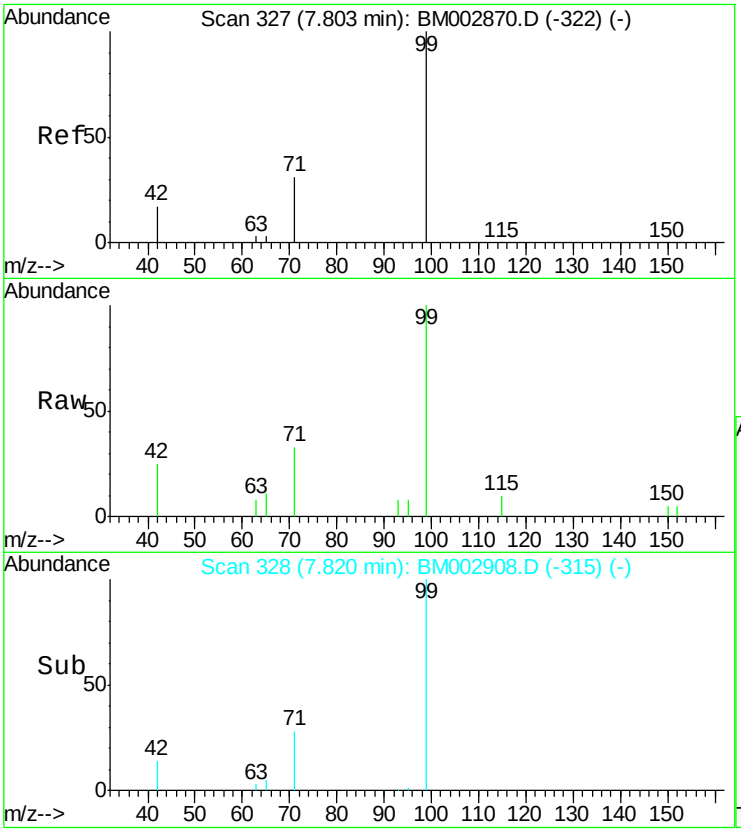


#4
2-Fluorophenol
Concen: 0.13 ng
RT: 6.20 min Scan# 228
Delta R.T. 0.03 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Tgt Ion:112 Resp: 2382

Ion	Ratio	Lower	Upper
112	100		
64	53.2	42.0	63.0
63	25.4	20.0	30.0



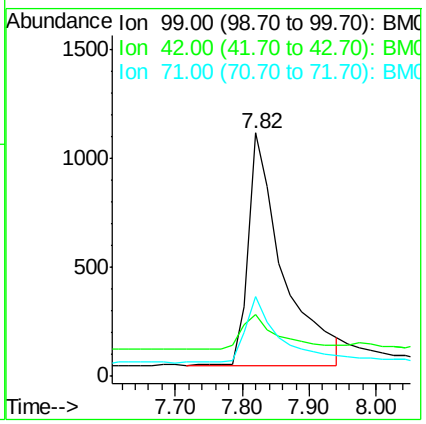


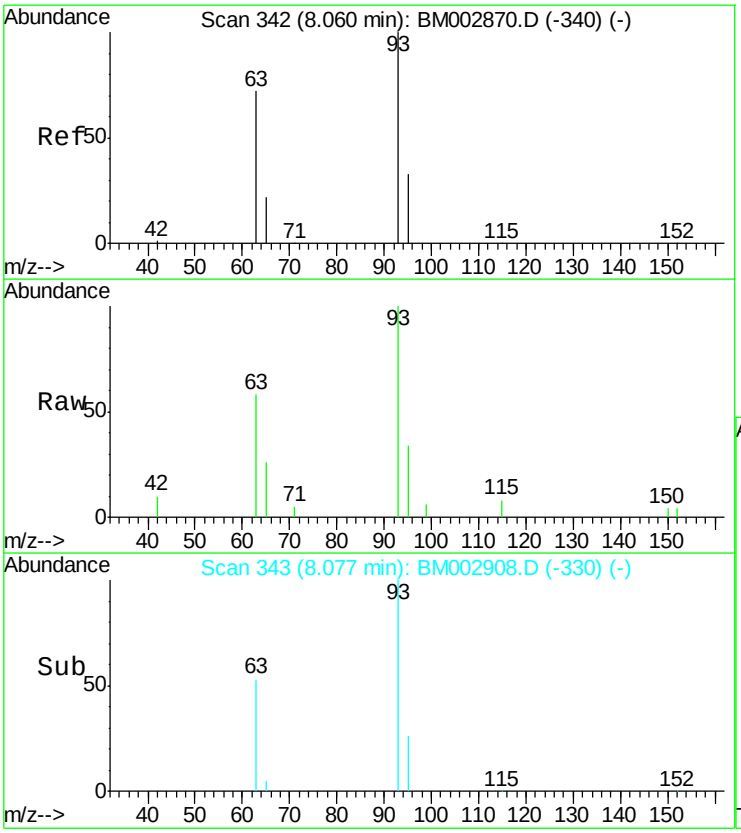
#5
Phenol-d6
Concen: 0.17 ng
RT: 7.82 min Scan# 328
Delta R.T. 0.02 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 3779

Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.4	18.6
71	27.7	21.4	32.0

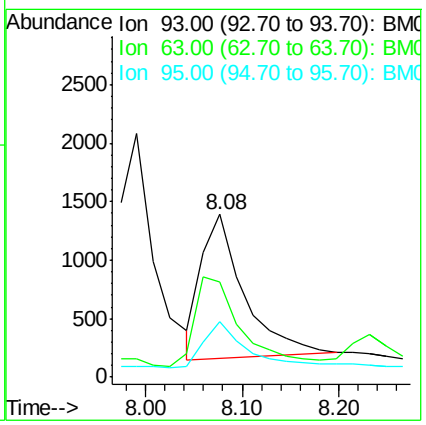


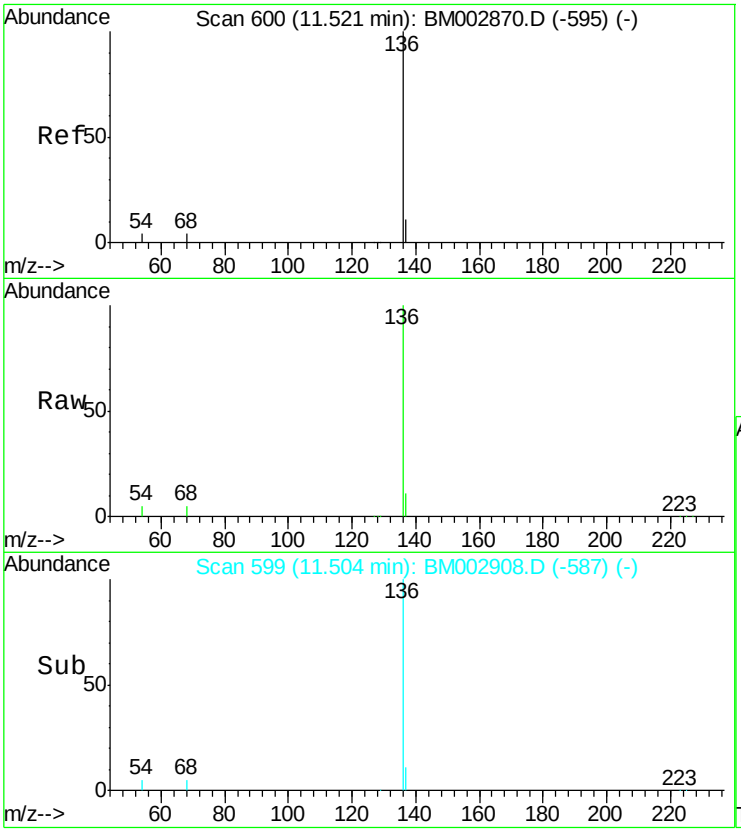


#6
bis(2-Chloroethyl)ether
Concen: 0.17 ng
RT: 8.08 min Scan# 343
Delta R.T. 0.02 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Tgt Ion: 93 Resp: 3784

Ion	Ratio	Lower	Upper
93	100		
63	68.6	52.9	79.3
95	32.8	25.2	37.8



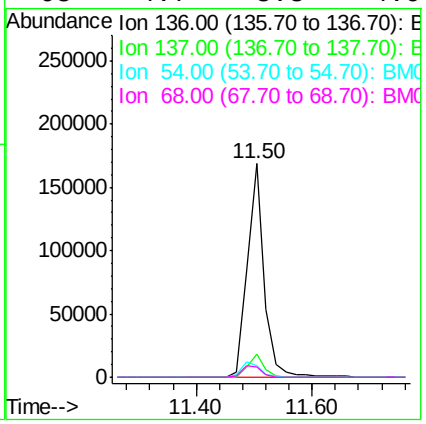


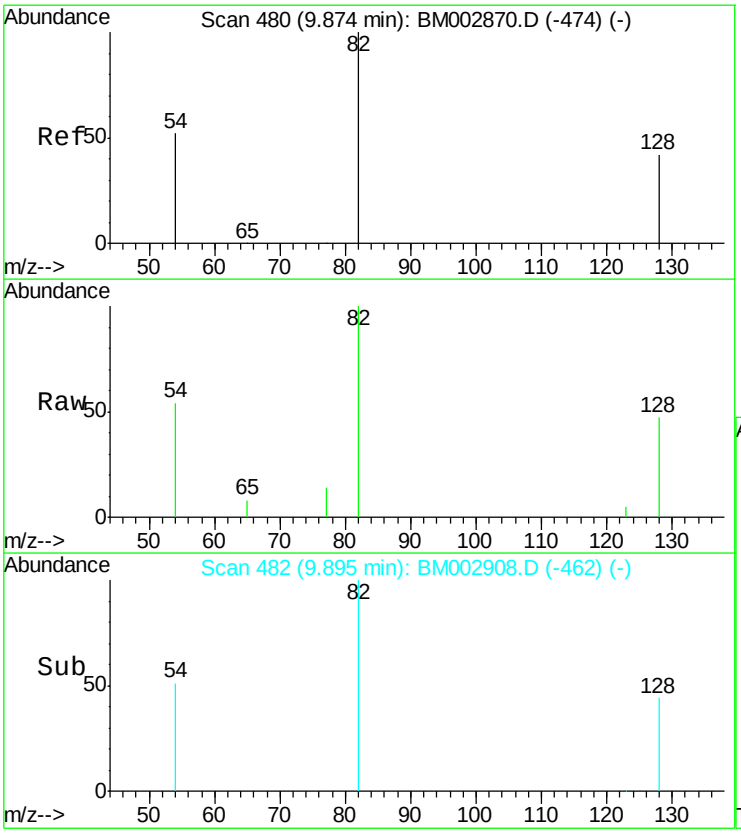
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 11.50 min Scan# 599
Delta R.T. -0.00 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 341467

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	5.2	3.5	5.3
68	4.7	3.3	4.9

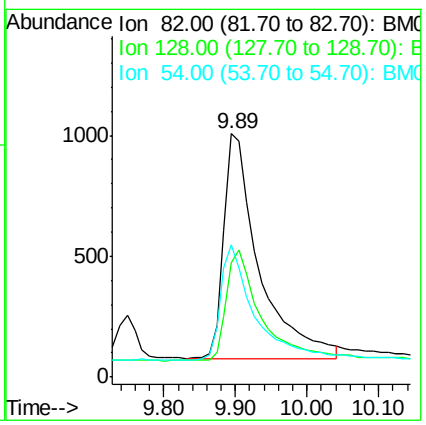


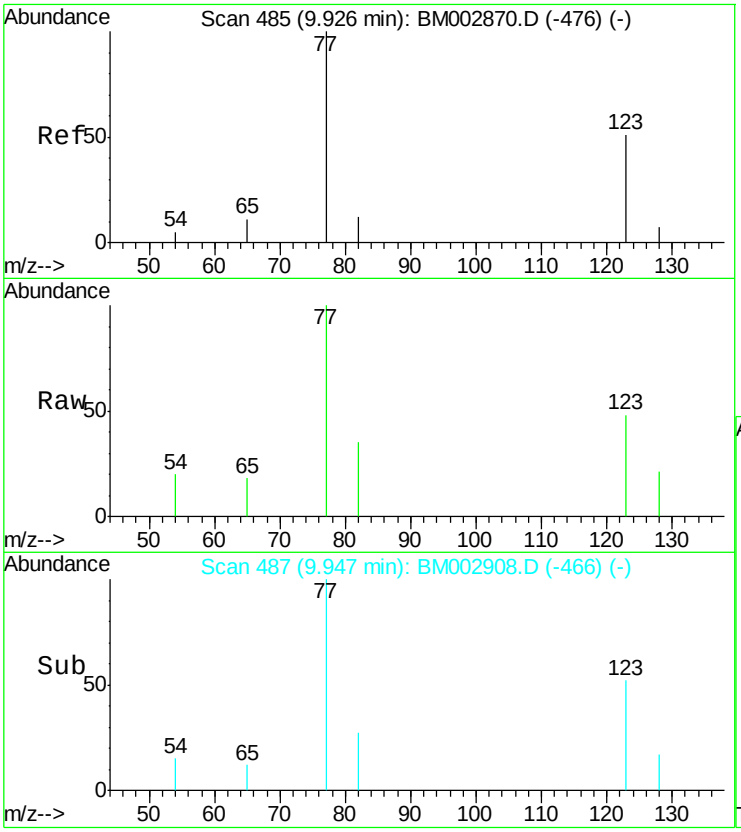


#8
Nitrobenzene-d5
Concen: 0.18 ng
RT: 9.89 min Scan# 482
Delta R.T. 0.01 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Tgt Ion: 82 Resp: 3174

Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.1	51.1
54	54.1	42.6	63.8



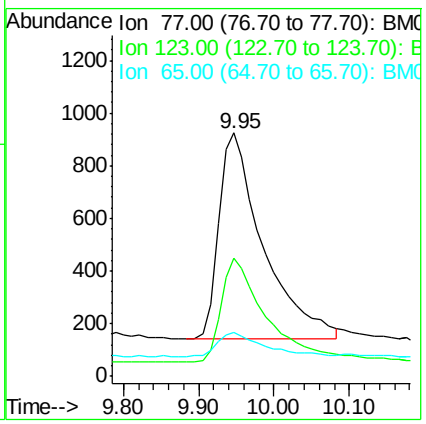


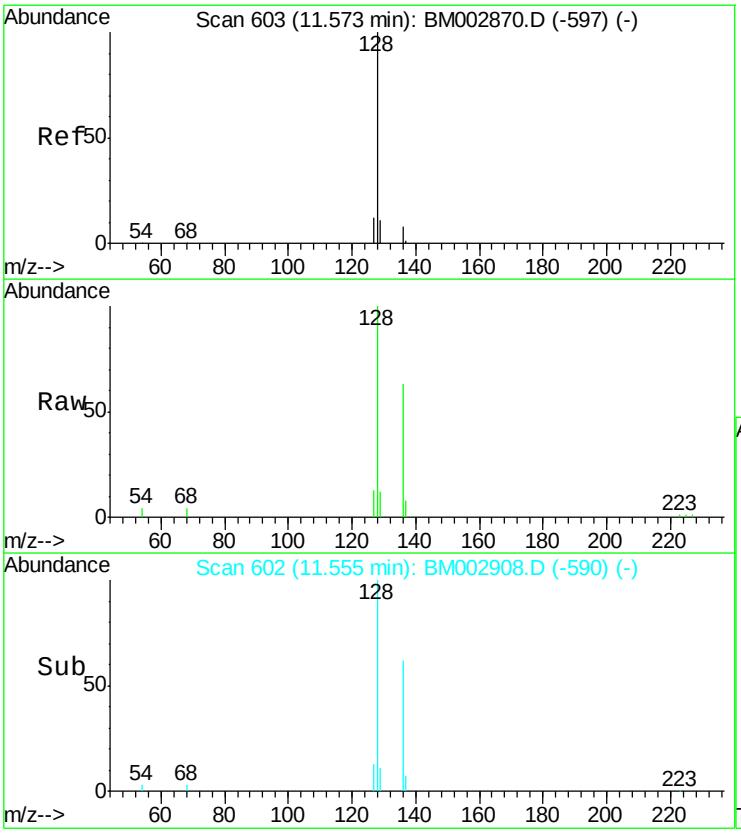
#9
Nitrobenzene
Concen: 0.18 ng
RT: 9.95 min Scan# 487
Delta R.T. 0.02 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion: 77 Resp: 3205

Ion	Ratio	Lower	Upper
77	100		
123	50.7	41.0	61.4
65	11.9	9.7	14.5

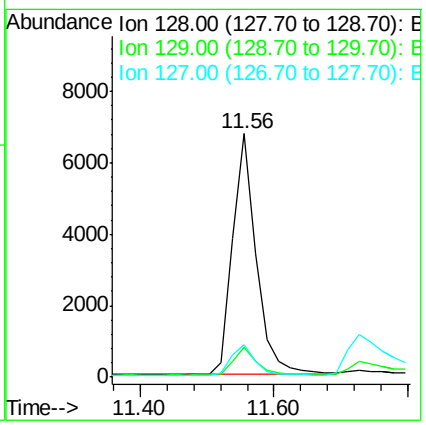


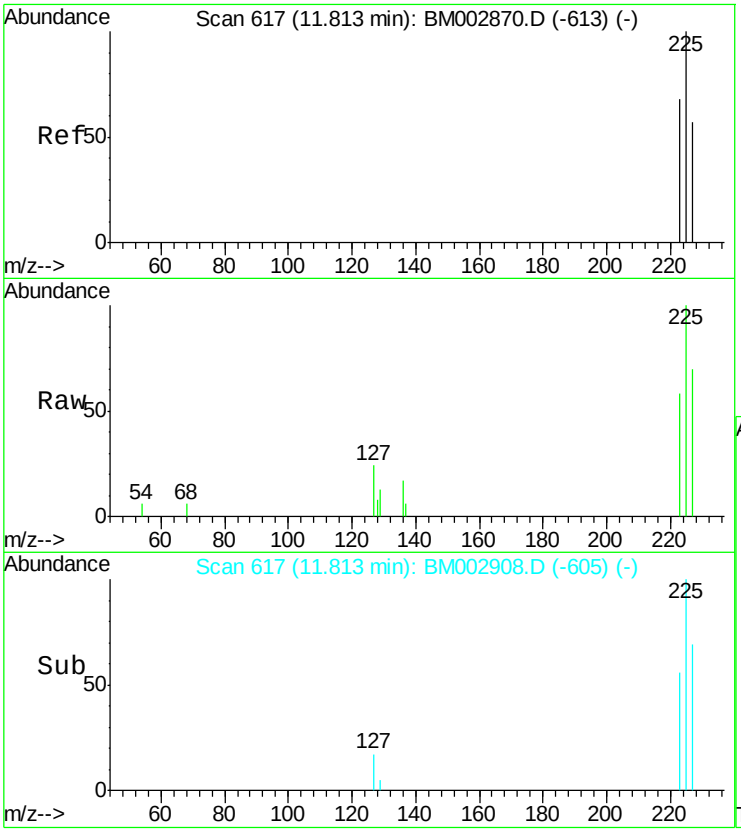


#10
Naphthalene
Concen: 0.22 ng
RT: 11.56 min Scan# 602
Delta R.T. -0.00 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Tgt Ion:128 Resp: 16564

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.2
127	13.4	9.6	14.4



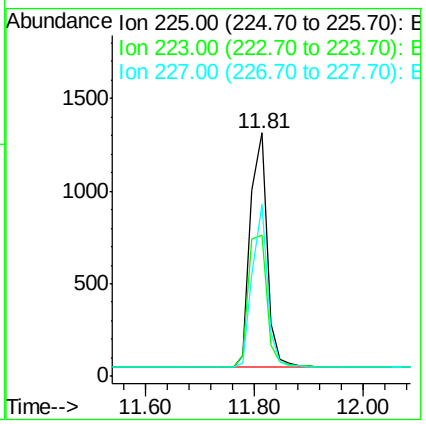


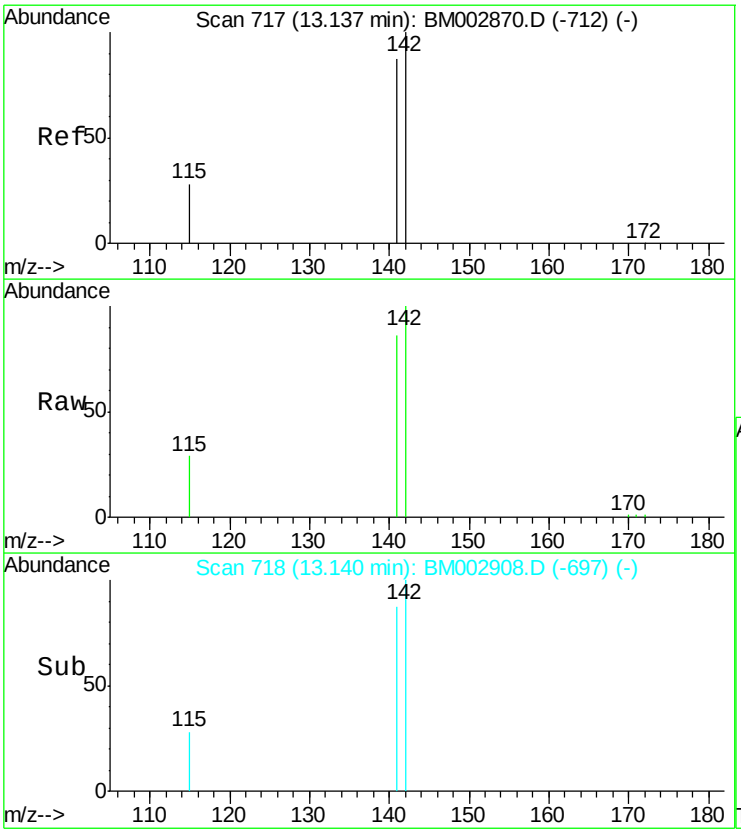
#11
Hexachlorobutadiene
Concen: 0.22 ng
RT: 11.81 min Scan# 617
Delta R.T. -0.00 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:225 Resp: 2684

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.1	75.1
227	63.6	51.2	76.8

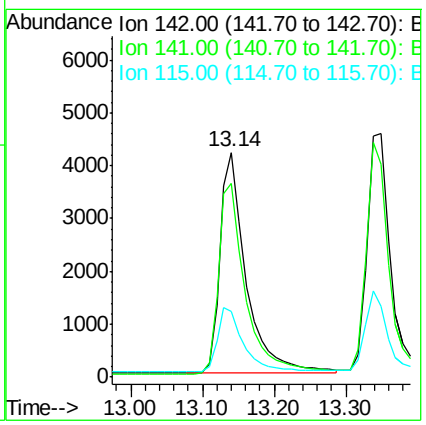


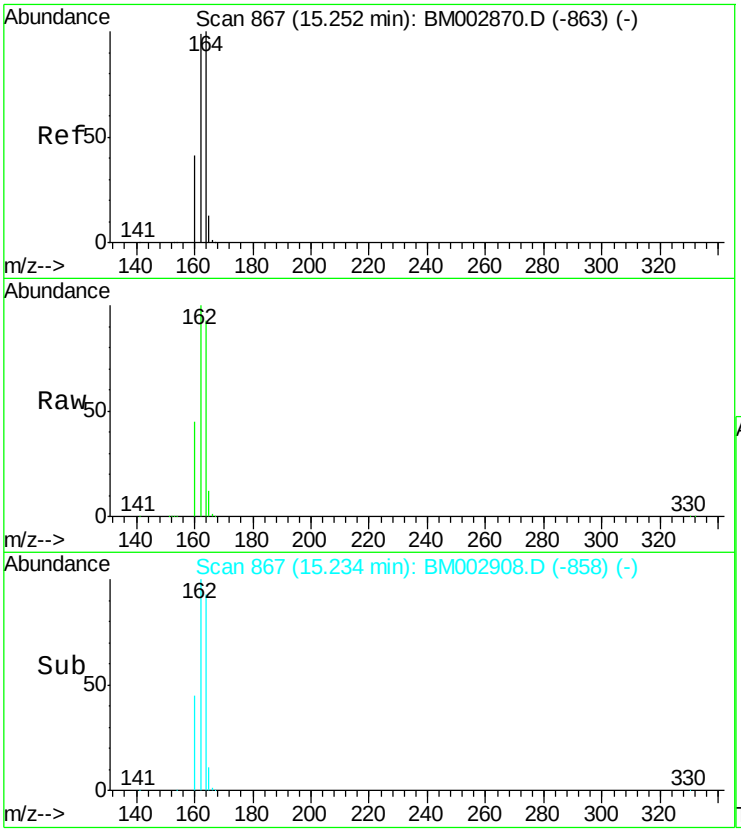


#12
2-Methylnaphthalene
Concen: 0.21 ng
RT: 13.14 min Scan# 718
Delta R.T. 0.01 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Tgt Ion:142 Resp: 10624

Ion	Ratio	Lower	Upper
142	100		
141	86.1	69.4	104.0
115	29.5	22.7	34.1



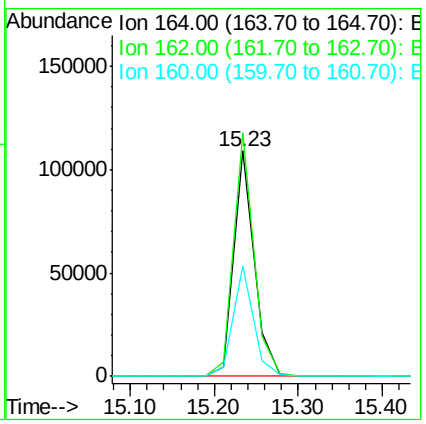


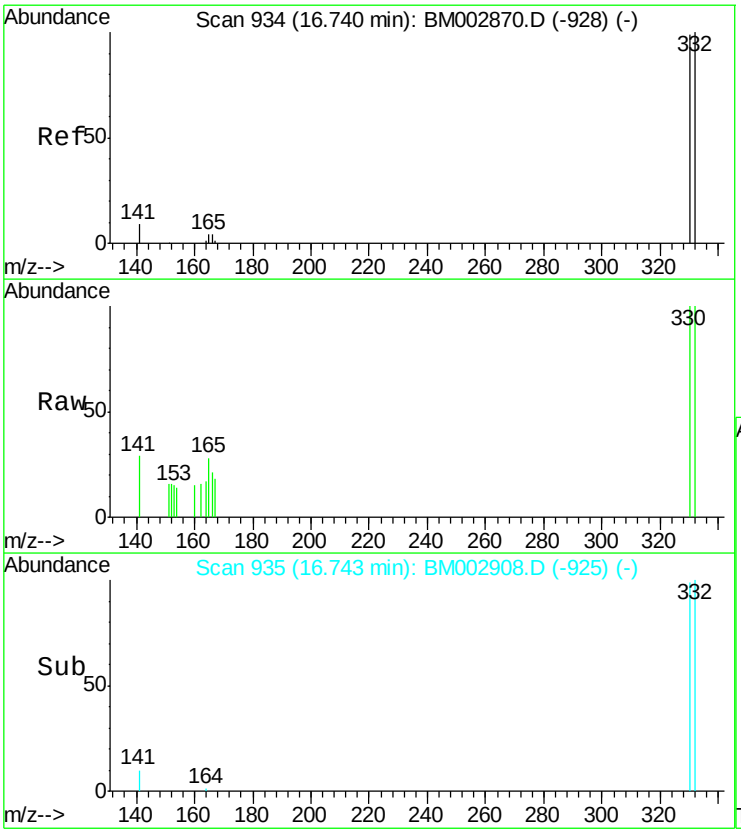
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 15.23 min Scan# 867
Delta R.T. 0.00 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 181880

Ion	Ratio	Lower	Upper
164	100		
162	107.9	79.6	119.4
160	49.0	33.1	49.7

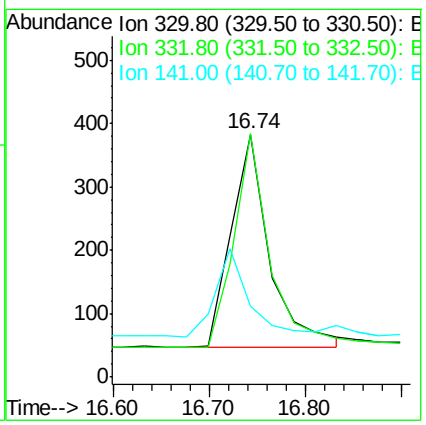


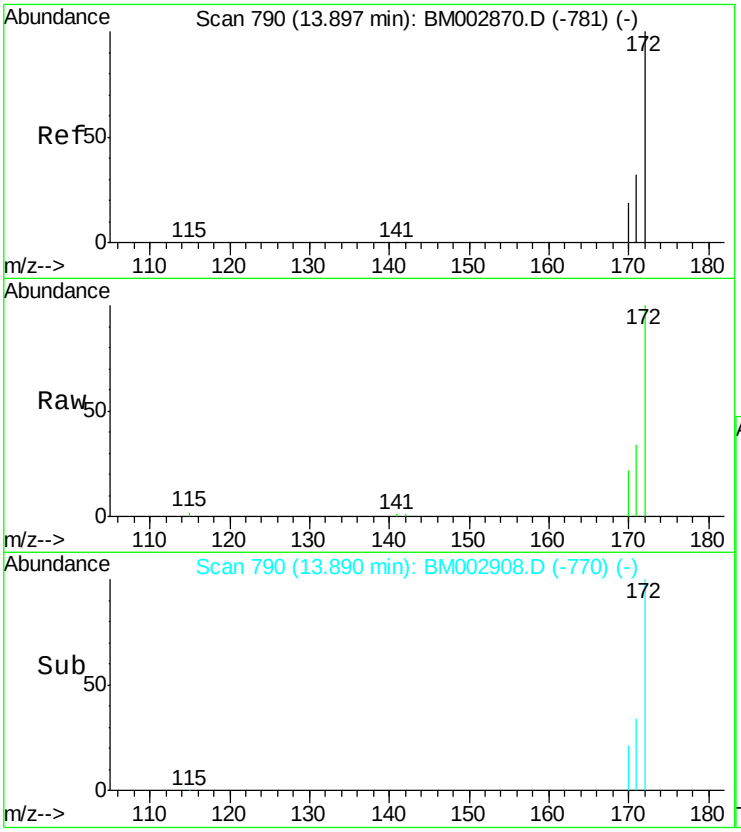


#14
2,4,6-Tribromophenol
Concen: 0.16 ng
RT: 16.74 min Scan# 935
Delta R.T. 0.03 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Tgt Ion:330 Resp: 935

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	115.0
141	0.0	0.0	0.0



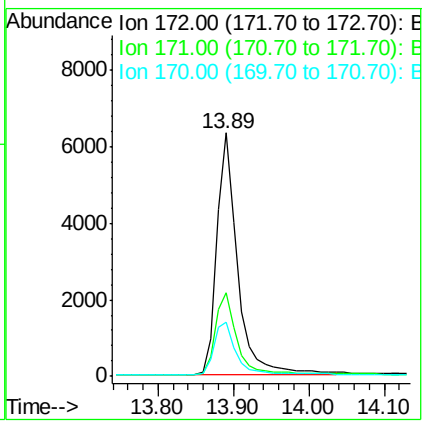


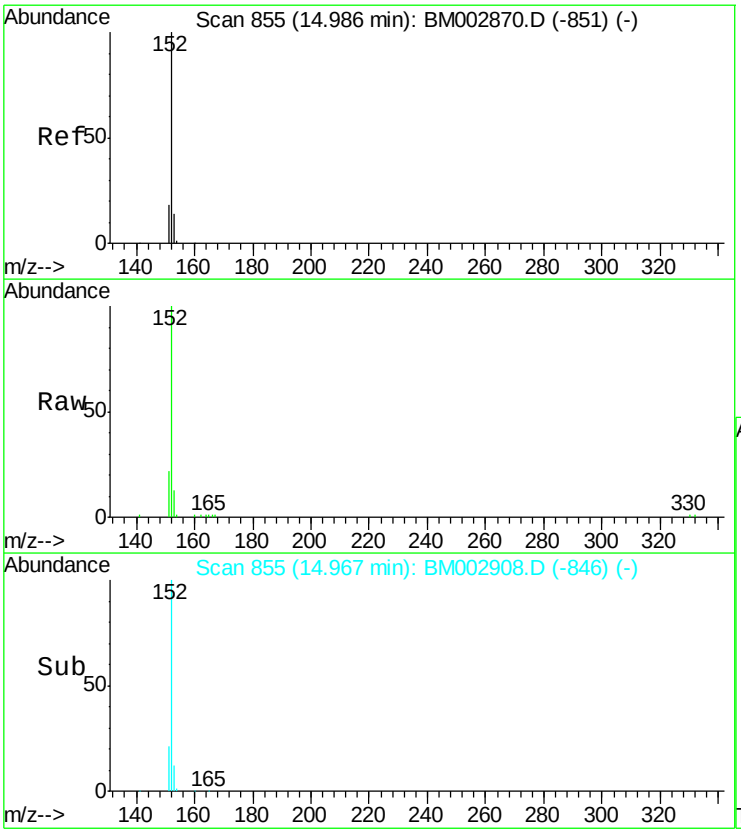
#15
2-Fluorobiphenyl
Concen: 0.22 ng
RT: 13.89 min Scan# 790
Delta R.T. 0.00 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 12234

Ion	Ratio	Lower	Upper
172	100		
171	34.4	26.1	39.1
170	22.0	15.7	23.5

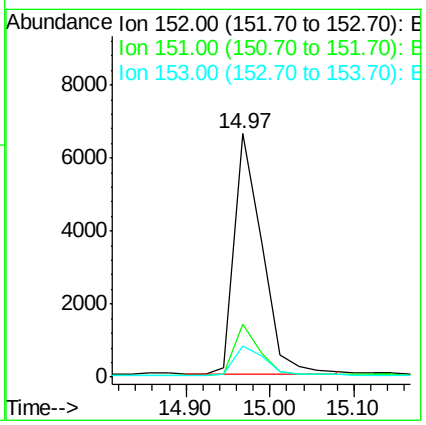


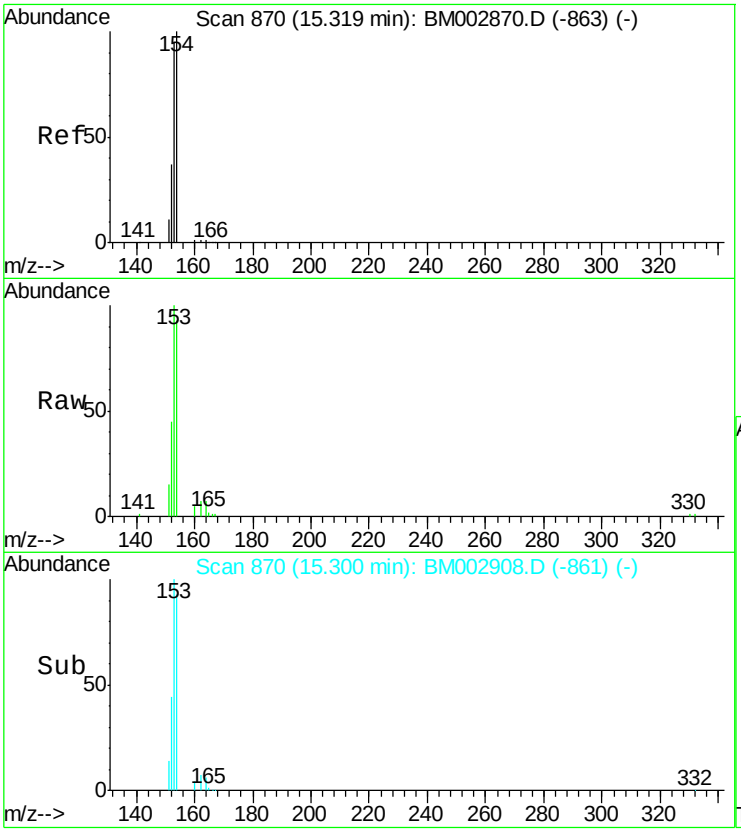


#16
Acenaphthylene
Concen: 0.19 ng
RT: 14.97 min Scan# 855
Delta R.T. 0.00 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Tgt Ion:152 Resp: 14870

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.3	22.9
153	13.0	10.5	15.7



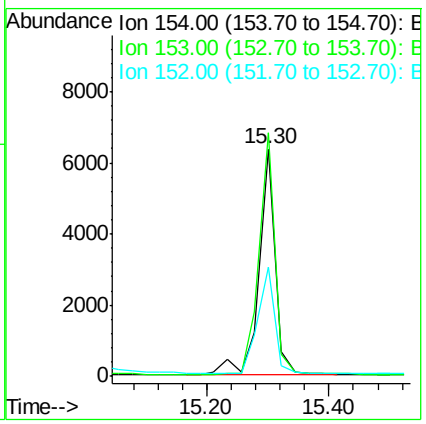


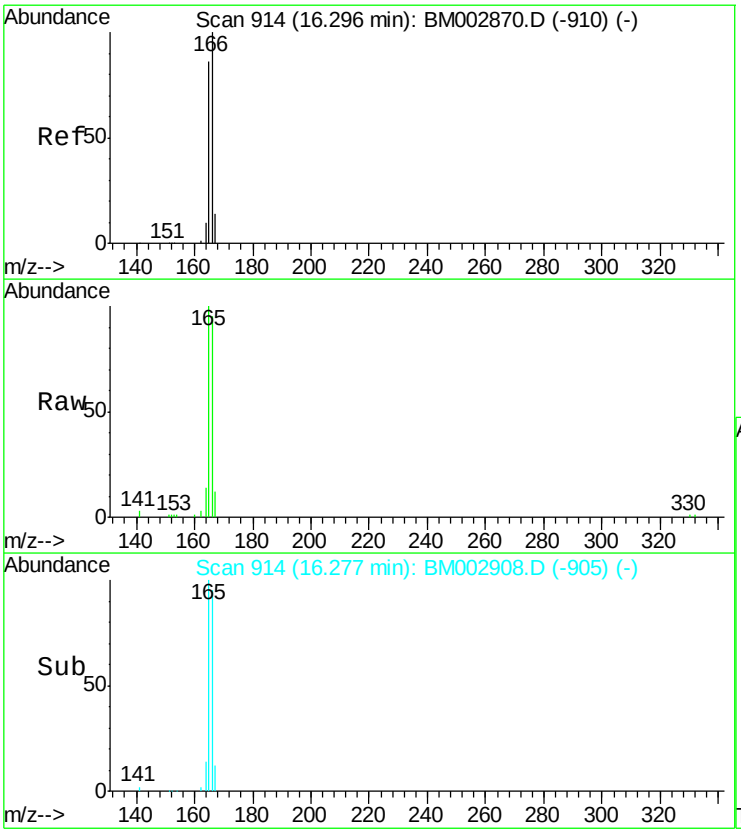
#17
Acenaphthene
Concen: 0.24 ng
RT: 15.30 min Scan# 870
Delta R.T. 0.00 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 11718

Ion	Ratio	Lower	Upper
154	100		
153	105.1	0.0	0.0#
152	49.4	0.0	0.0#

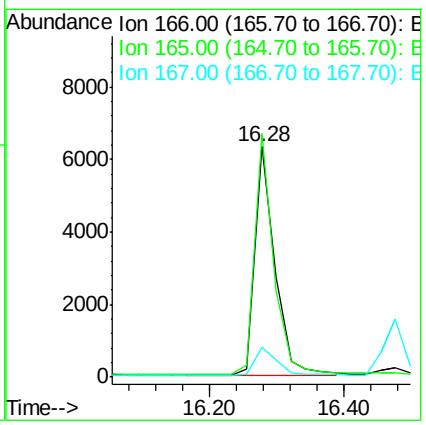


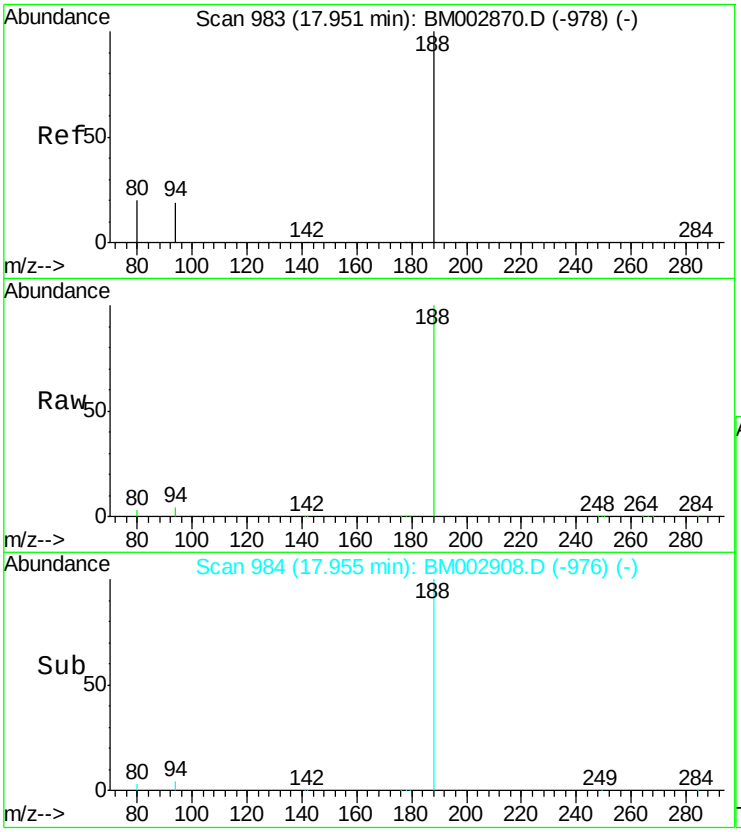


#18
Fluorene
Concen: 0.21 ng
RT: 16.28 min Scan# 914
Delta R.T. 0.00 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Tgt Ion:166 Resp: 13113

Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.3	115.9
167	13.4	10.9	16.3



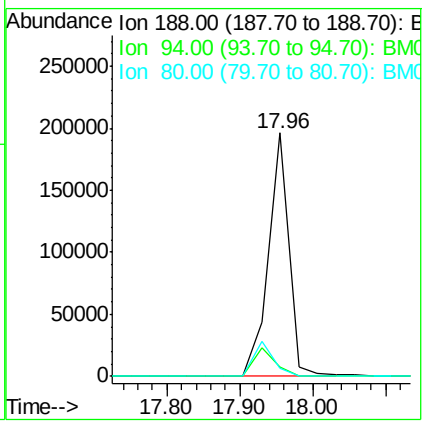


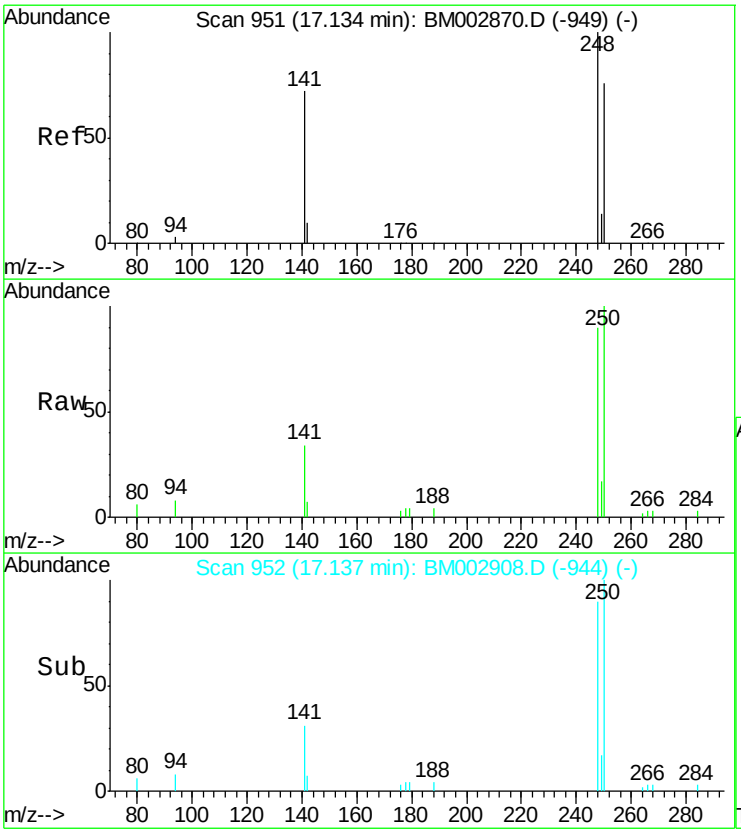
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.96 min Scan# 984
Delta R.T. 0.00 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 382706

Ion	Ratio	Lower	Upper
188	100		
94	3.7	15.2	22.8#
80	3.1	15.9	23.9#

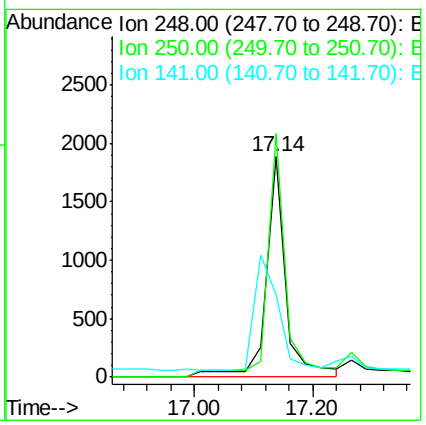


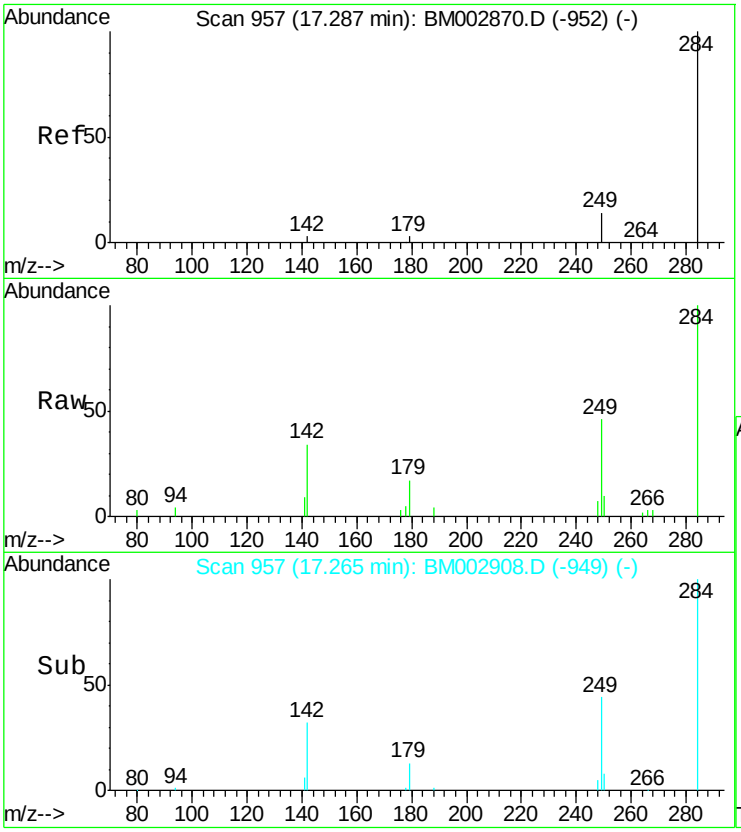


#20
4-Bromophenyl-phenylether
Concen: 0.24 ng
RT: 17.14 min Scan# 952
Delta R.T. 0.00 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Tgt Ion:248 Resp: 4372

Ion	Ratio	Lower	Upper
248	100		
250	105.9	71.4	107.2
141	0.0	54.6	82.0#



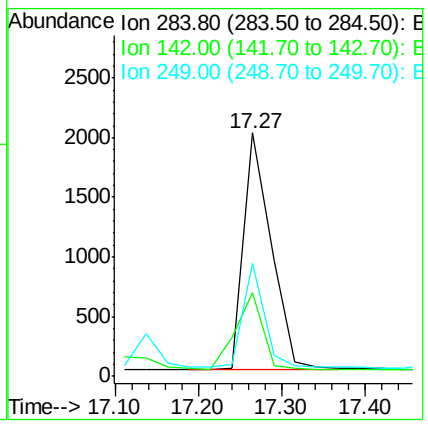


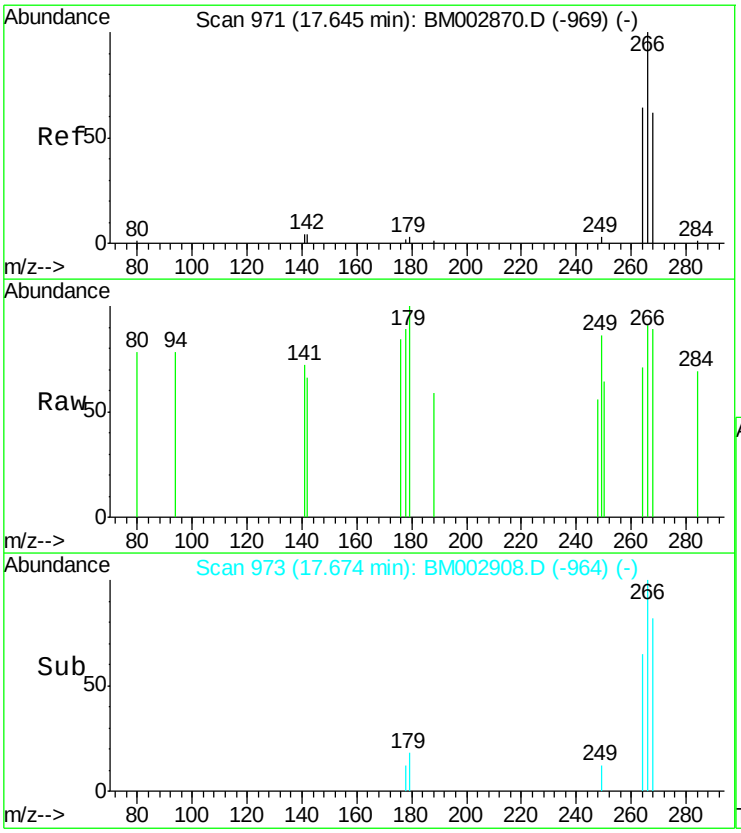
#21
Hexachlorobenzene
Concen: 0.21 ng
RT: 17.27 min Scan# 957
Delta R.T. 0.00 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 4608

Ion	Ratio	Lower	Upper
284	100		
142	31.1	0.0	0.0#
249	33.1	20.7	31.1#

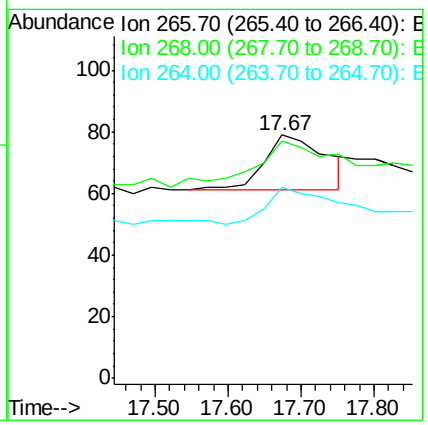


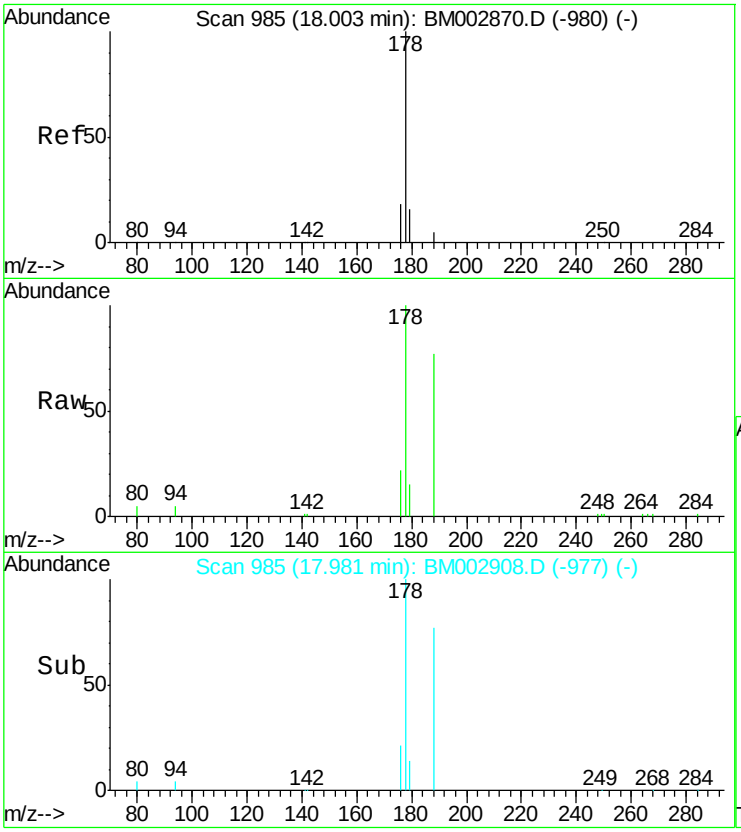


#22
Pentachlorophenol
Concen: 0.05 ng
RT: 17.67 min Scan# 973
Delta R.T. 0.03 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Tgt Ion:266 Resp: 107

Ion	Ratio	Lower	Upper
266	100		
268	97.5	58.3	87.5#
264	78.5	54.2	81.2



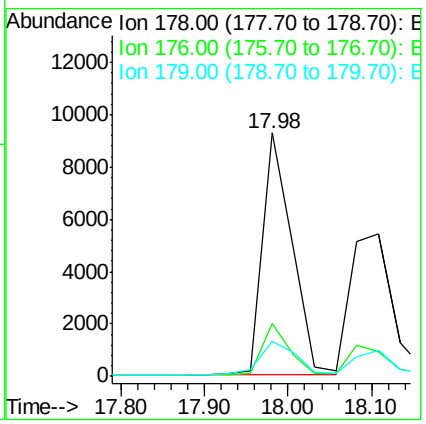


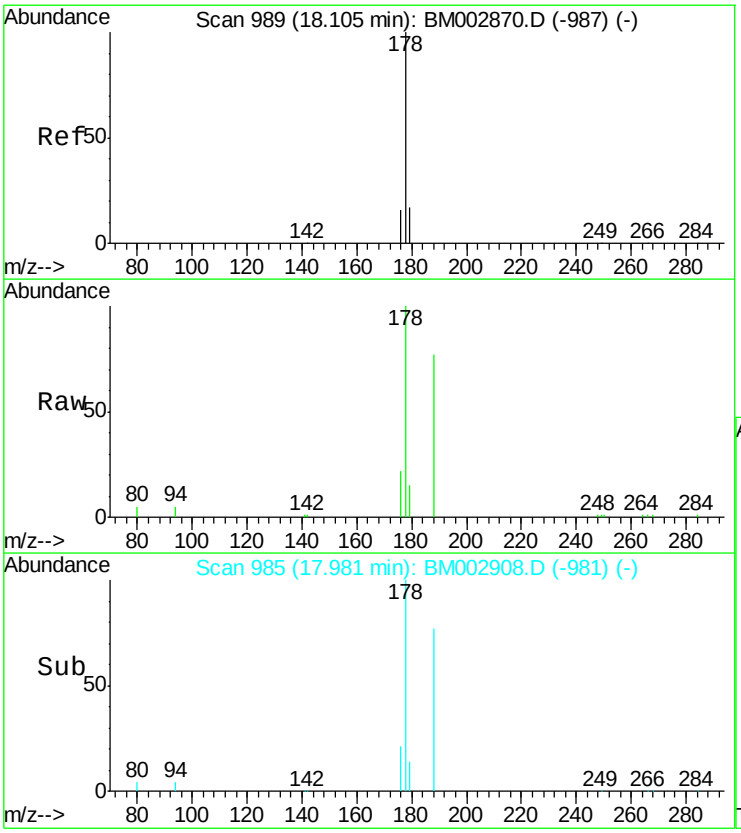
#23
Phenanthrene
Concen: 0.20 ng
RT: 17.98 min Scan# 985
Delta R.T. 0.00 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 22191

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	21.8
179	16.3	12.5	18.7

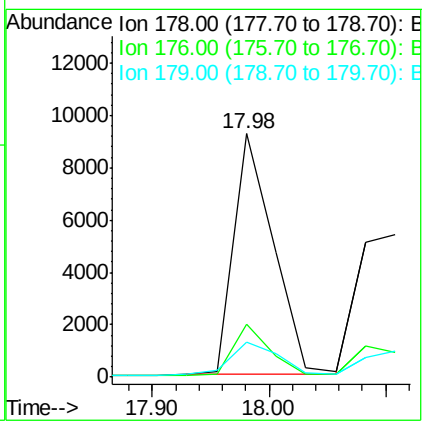


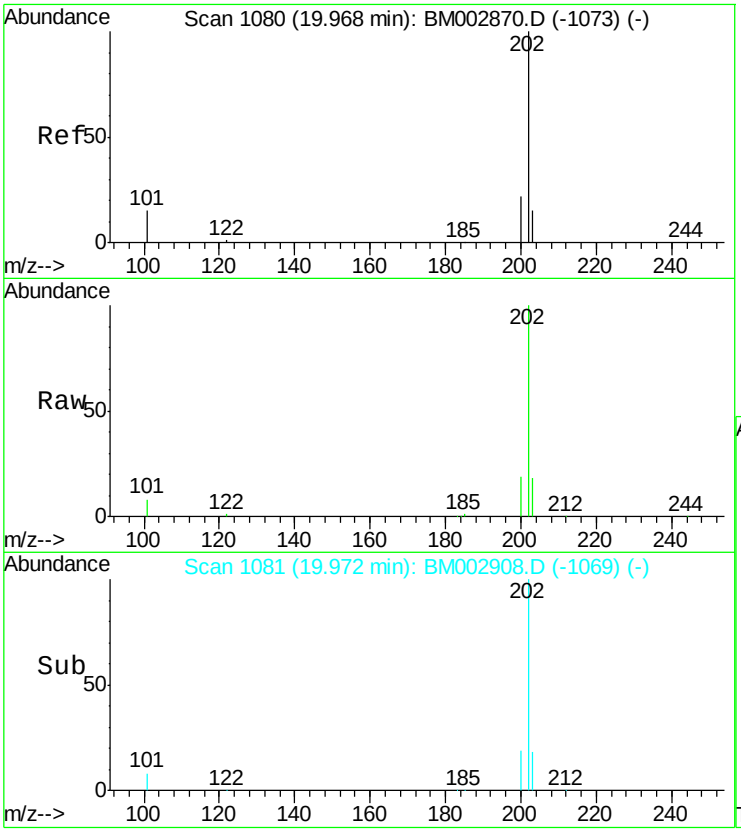


#24
Anthracene
Concen: 0.23 ng
RT: 17.98 min Scan# 985
Delta R.T. -0.10 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Tgt Ion:178 Resp: 21929

Ion	Ratio	Lower	Upper
178	100		
176	19.3	13.9	20.9
179	15.6	12.6	18.8



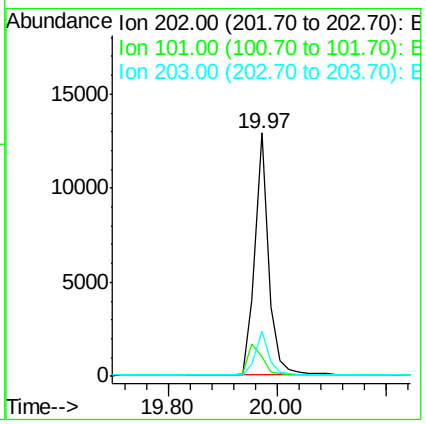


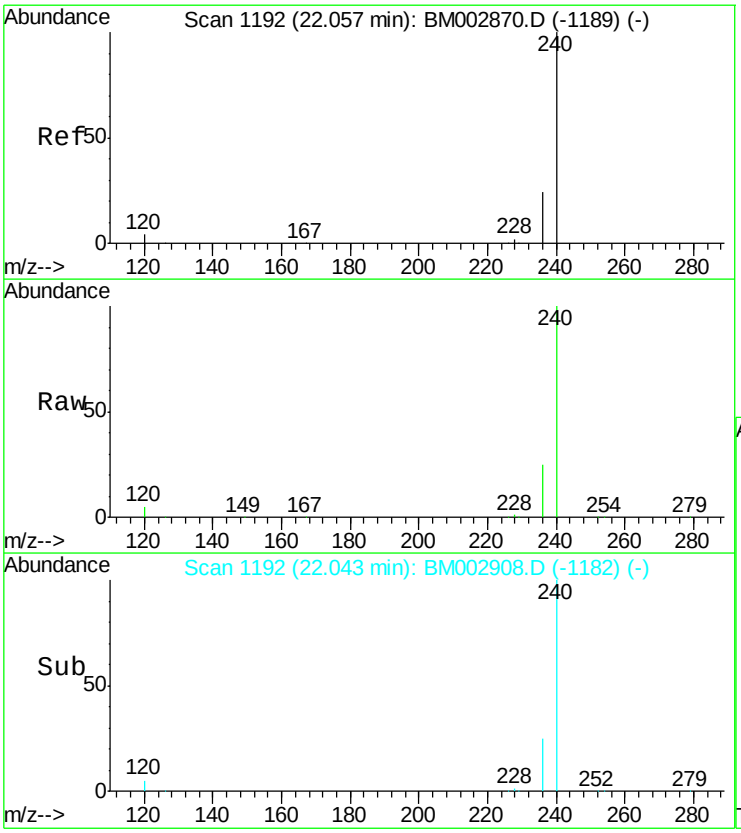
#25
Fluoranthene
Concen: 0.18 ng
RT: 19.97 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 22803

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.0	16.6
203	17.8	13.8	20.6

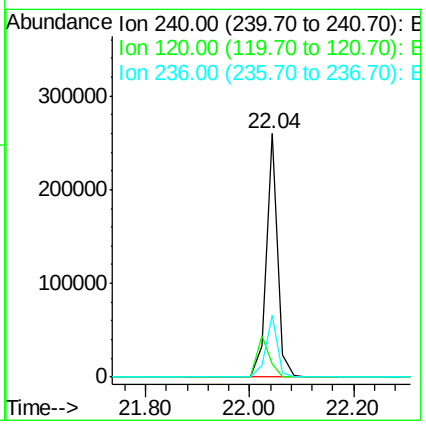


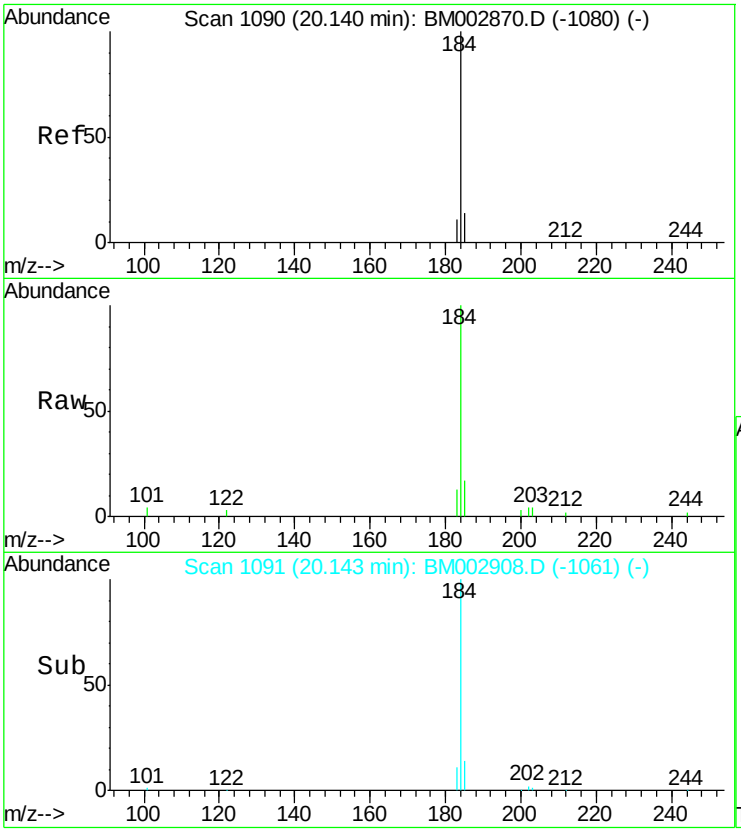


#26
Chrysene-d12
Concen: 5.00 ng
RT: 22.04 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Tgt Ion:240 Resp: 395829

Ion	Ratio	Lower	Upper
240	100		
120	5.2	3.3	4.9#
236	25.4	19.5	29.3



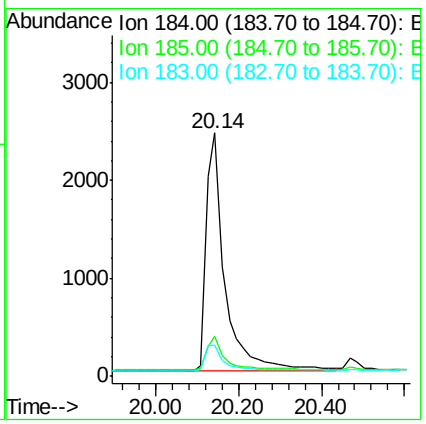


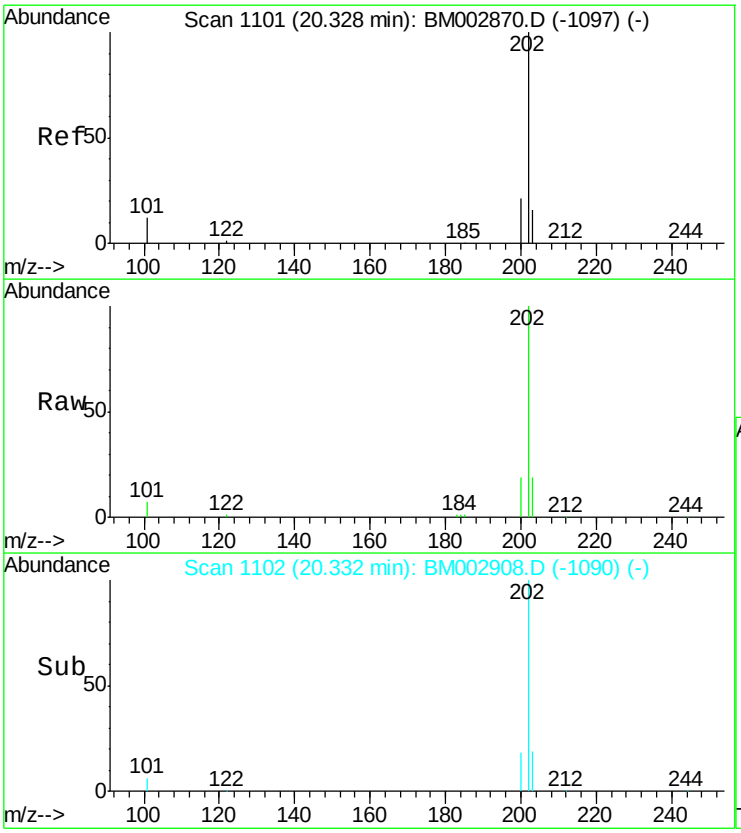
#27
Benzidine
Concen: 0.14 ng
RT: 20.14 min Scan# 1091
Delta R.T. 0.02 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:184 Resp: 7565

Ion	Ratio	Lower	Upper
184	100		
185	16.7	12.0	18.0
183	12.6	8.9	13.3

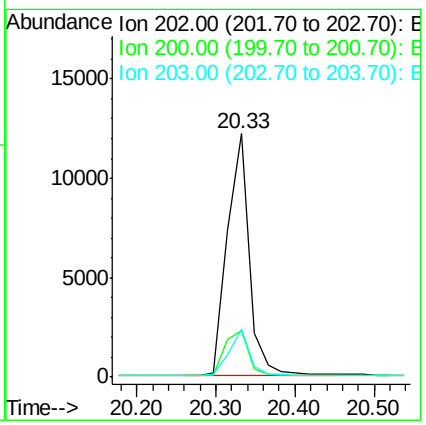


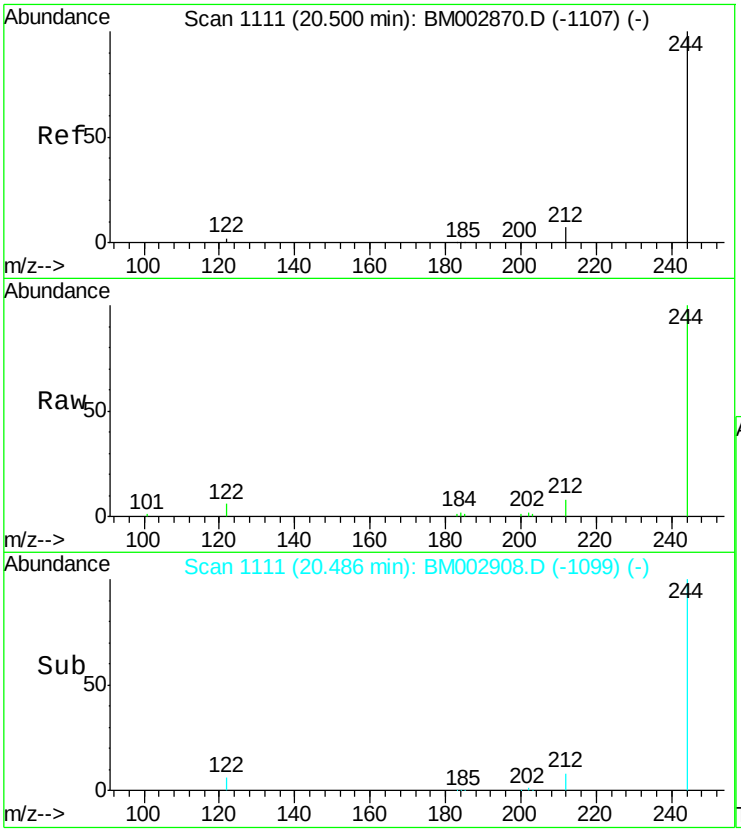


#28
Pyrene
Concen: 0.22 ng
RT: 20.33 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Tgt Ion:202 Resp: 23444

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.2	24.4
203	17.8	13.8	20.8



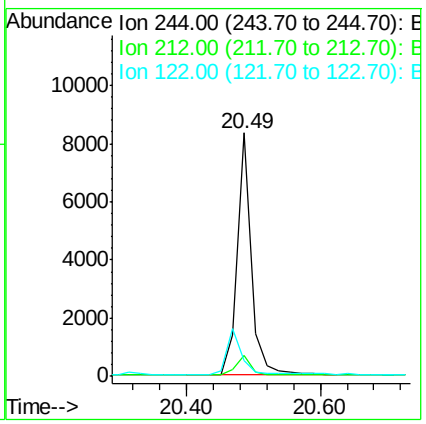


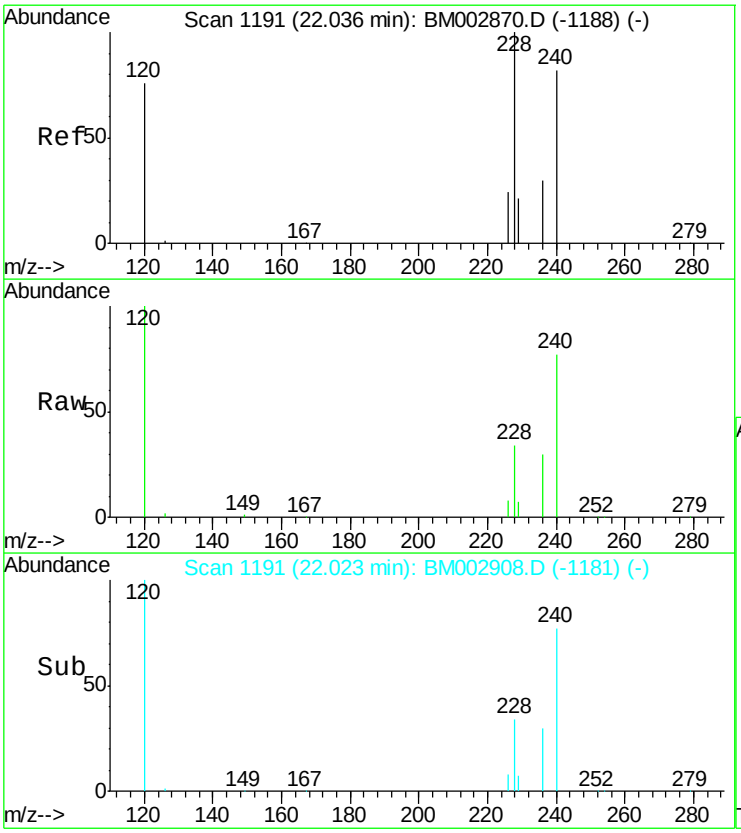
#29
Terphenyl-d14
Concen: 0.23 ng
RT: 20.49 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 12121

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.6	8.4#
122	6.4	2.2	3.2#

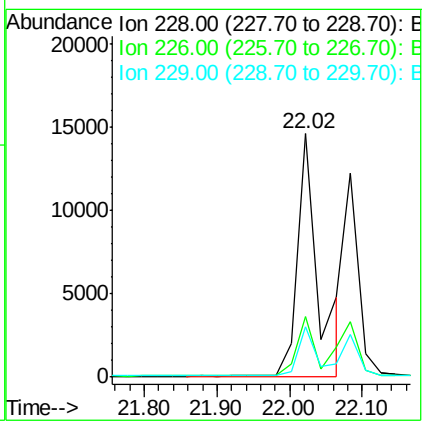


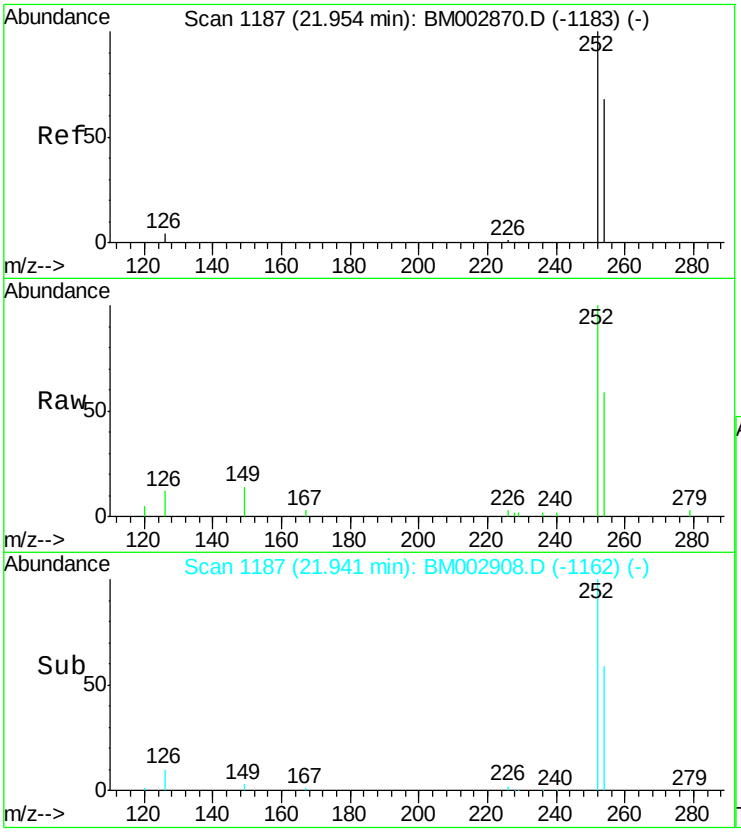


#30
Benzo(a)anthracene
Concen: 0.25 ng
RT: 22.02 min Scan# 1191
Delta R.T. 0.01 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Tgt Ion:228 Resp: 28849

Ion	Ratio	Lower	Upper
228	100		
226	24.8	19.0	28.6
229	20.4	16.8	25.2



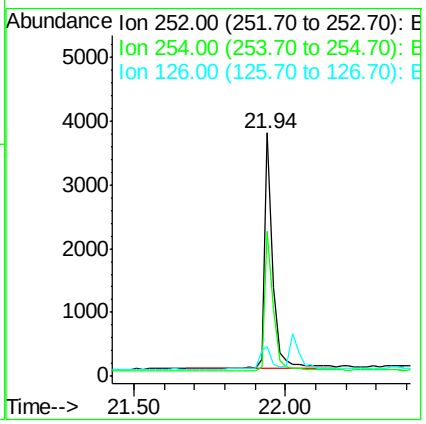


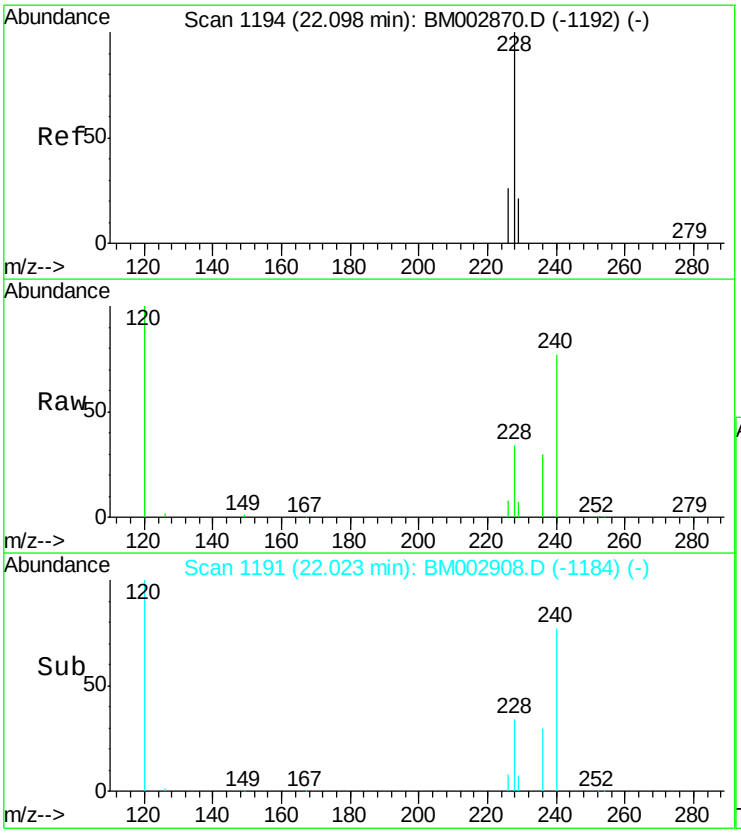
#31
3,3'-Dichlorobenzidine
Concen: 0.17 ng
RT: 21.94 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 7287

Ion	Ratio	Lower	Upper
252	100		
254	59.4	54.1	81.1
126	12.1	4.1	6.1#

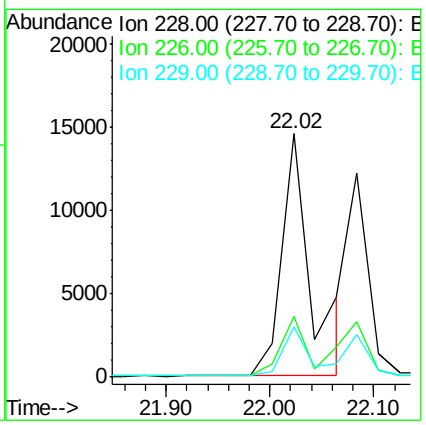


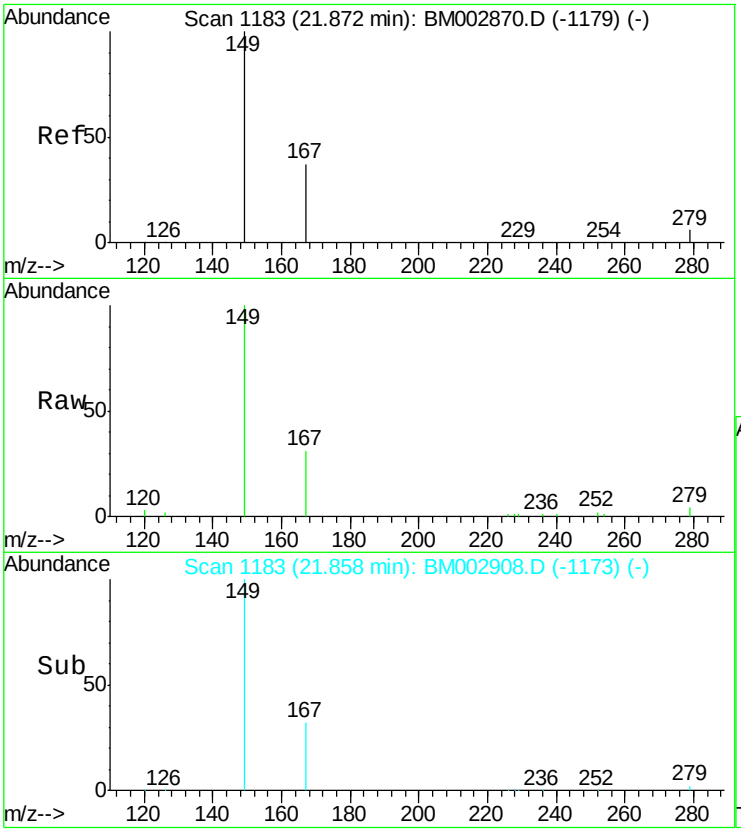


#32
Chrysene
Concen: 0.27 ng
RT: 22.02 min Scan# 1191
Delta R.T. -0.05 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Tgt Ion:228 Resp: 28812

Ion	Ratio	Lower	Upper
228	100		
226	24.8	20.6	30.8
229	20.4	17.4	26.2



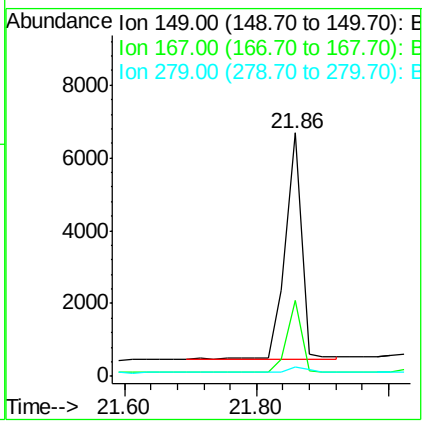


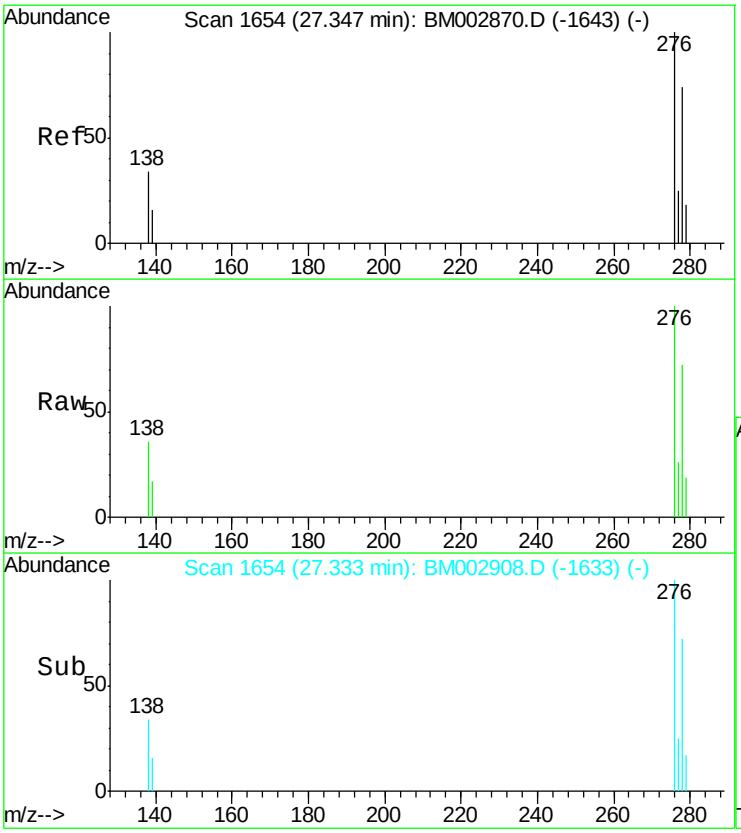
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.15 ng
RT: 21.86 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:149 Resp: 10479

Ion	Ratio	Lower	Upper
149	100		
167	28.9	17.2	25.8#
279	2.6	2.2	3.4

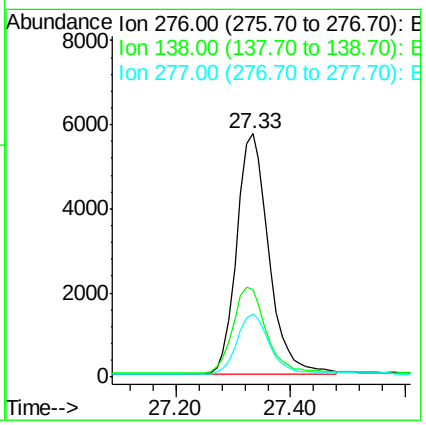


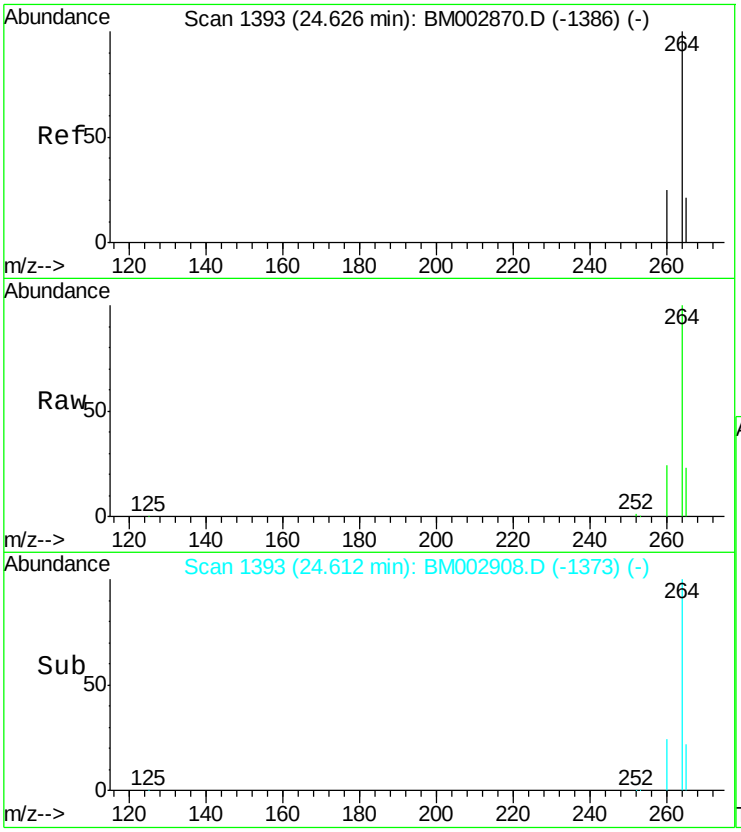


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.18 ng
RT: 27.33 min Scan# 1654
Delta R.T. 0.02 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Tgt Ion:276 Resp: 22404

Ion	Ratio	Lower	Upper
276	100		
138	36.6	29.0	43.6
277	25.1	19.8	29.8



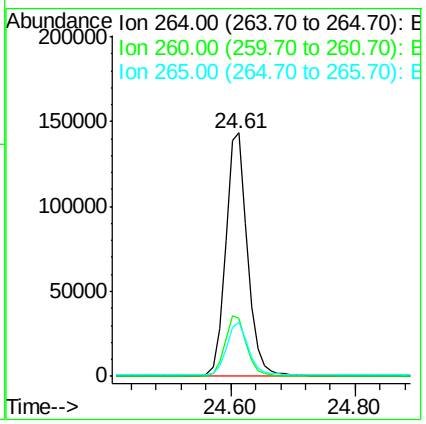


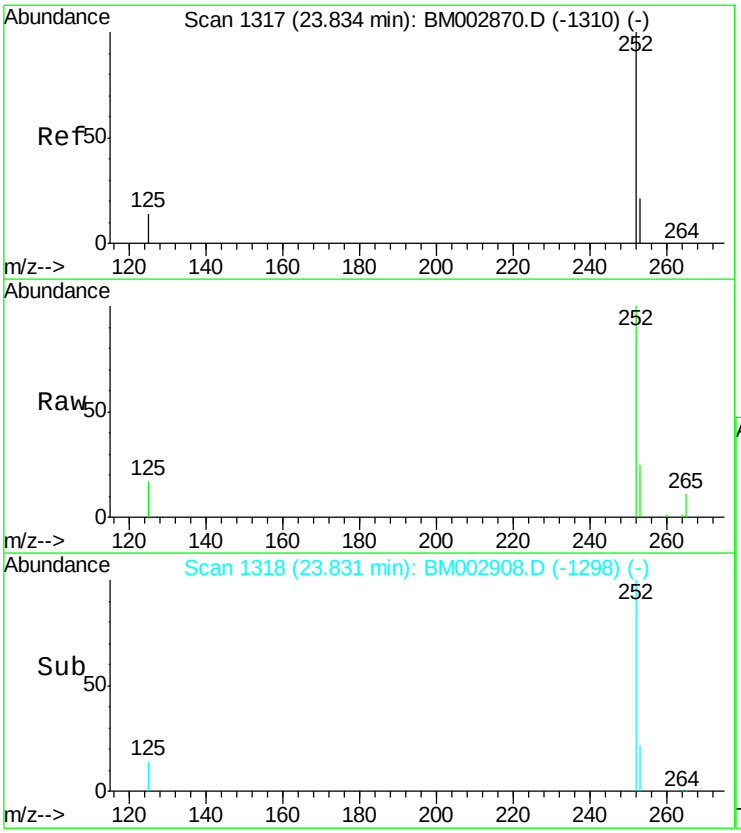
#35
Perylene-d12
Concen: 5.00 ng
RT: 24.61 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 350374

Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.1	30.1
265	22.5	17.6	26.4

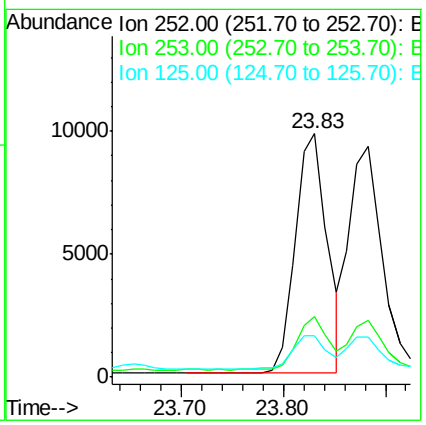


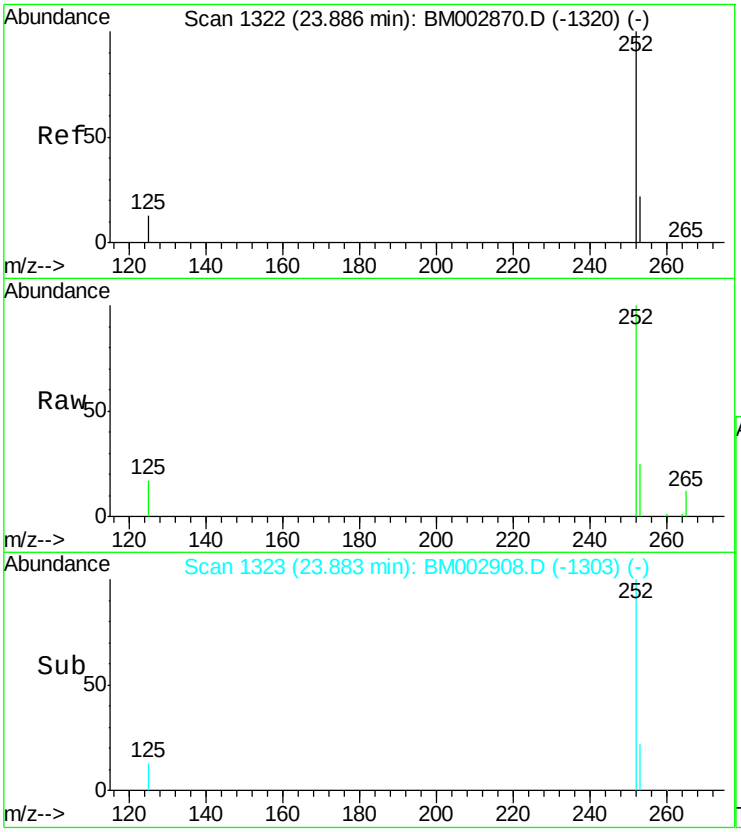


#36
Benzo(b)fluoranthene
Concen: 0.21 ng
RT: 23.83 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Tgt Ion:252 Resp: 20965

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.5	26.3
125	17.1	12.4	18.6



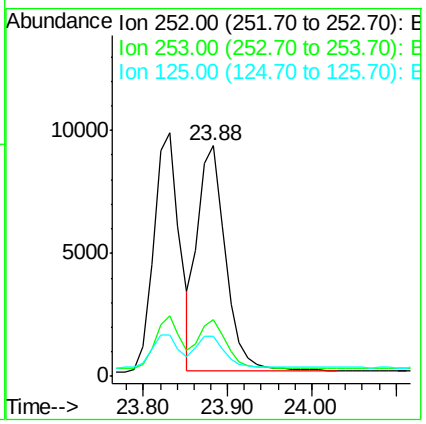


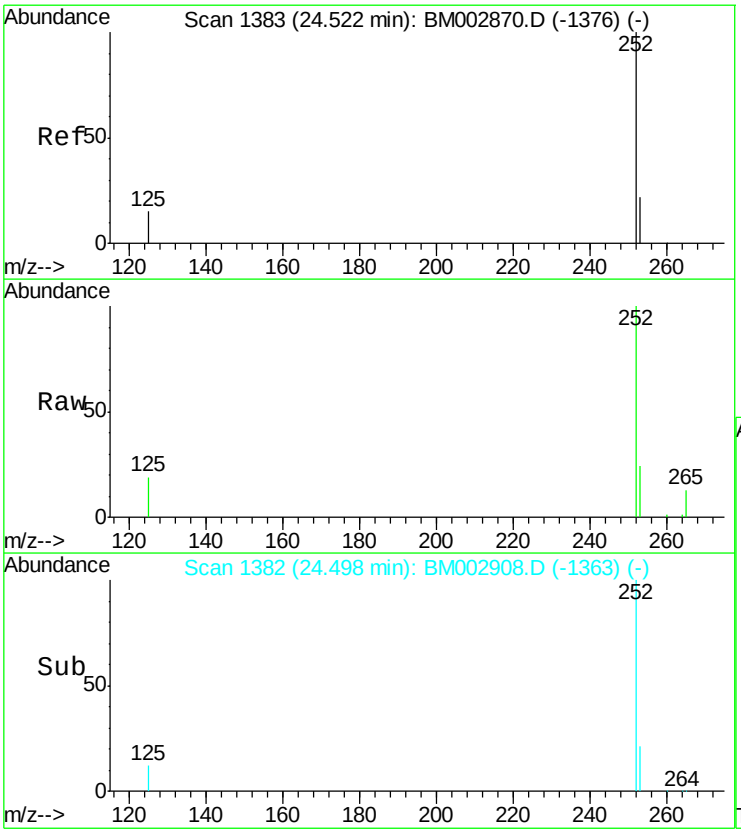
#37
Benzo(k)fluoranthene
Concen: 0.22 ng
RT: 23.88 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 21035

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.9	26.9
125	17.1	12.3	18.5

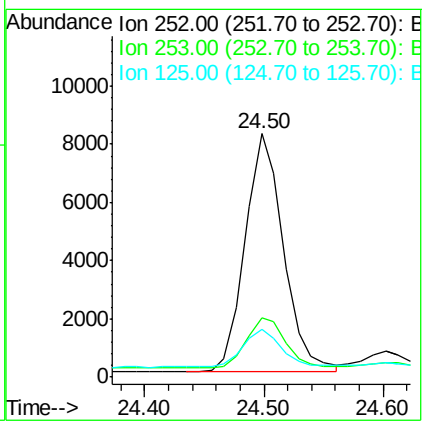


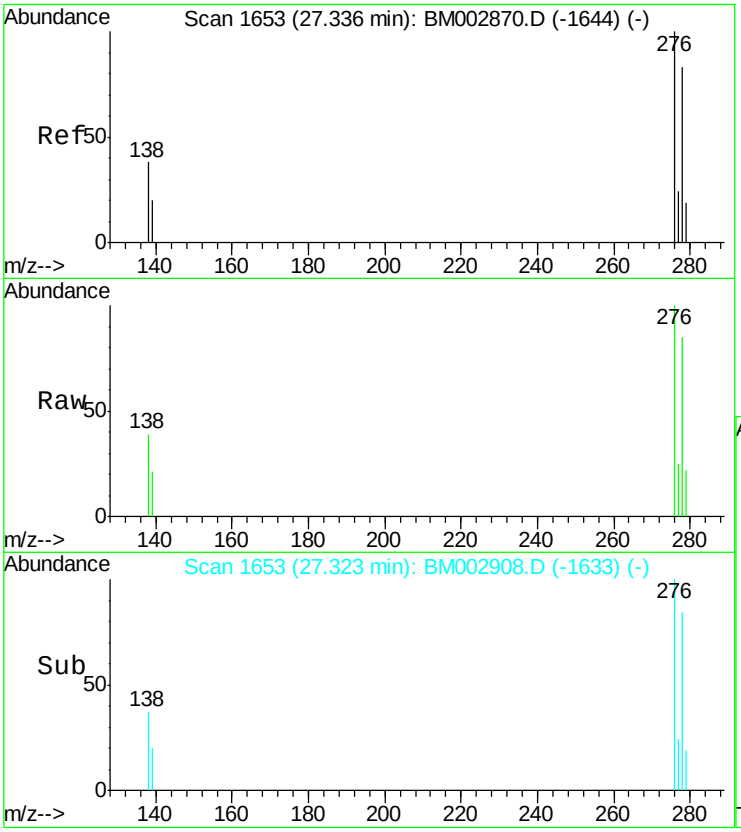


#38
Benzo(a)pyrene
Concen: 0.20 ng
RT: 24.50 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Tgt Ion:252 Resp: 18297

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.4	27.6
125	19.5	13.3	19.9



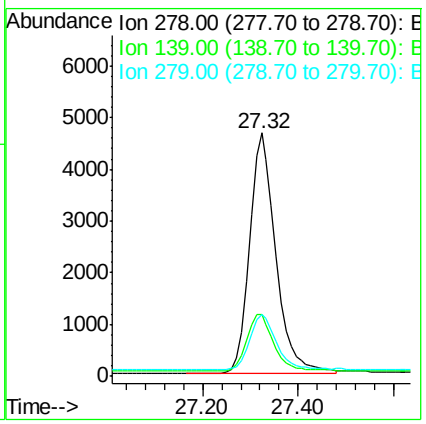


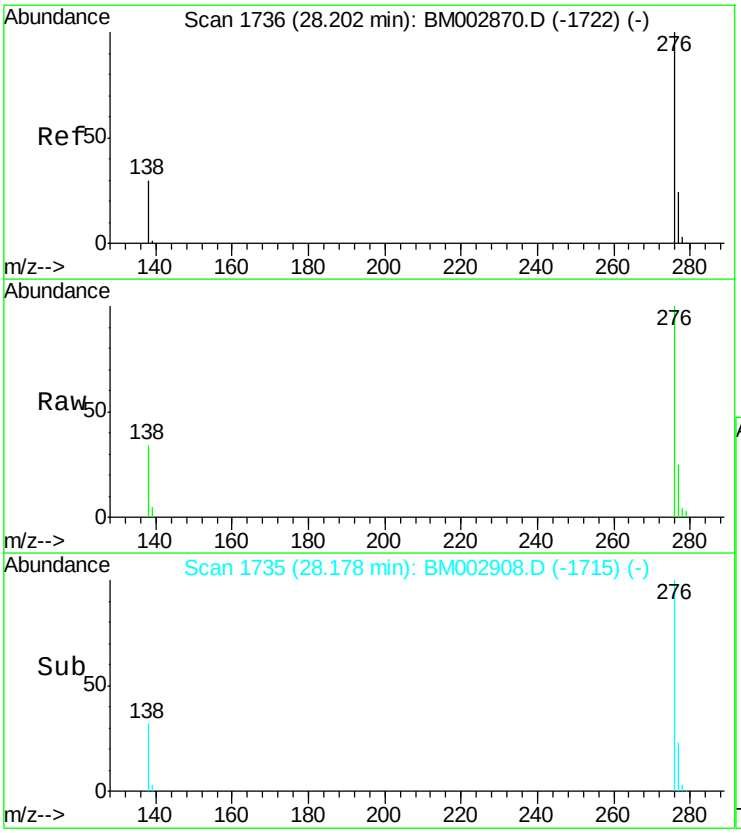
#39
Dibenzo(a,h)anthracene
Concen: 0.20 ng
RT: 27.32 min Scan# 1653
Delta R.T. 0.01 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:278 Resp: 17795

Ion	Ratio	Lower	Upper
278	100		
139	25.3	19.8	29.6
279	25.4	19.1	28.7





#40
Benzo(g,h,i)perylene
Concen: 0.21 ng
RT: 28.18 min Scan# 1735
Delta R.T. 0.01 min
Lab File: BM002908.D
Acq: 15 Oct 2015 11:00

Tgt Ion:276 Resp: 19121

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.4	29.0
138	34.2	24.4	36.6