Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM101515\
Data File : BM002909.D
Acq On : 15 Oct 2015 11:36
Operator : UM/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.5

Quant Time: Oct 15 12:48:02 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	74806	5.00	ng		0.00
7) Naphthalene-d8	11.50	136	310564	5.00	ng		0.00
13) Acenaphthene-d10	15.23	164	173243	5.00	ng		0.00
19) Phenanthrene-d10	17.95	188	420674	5.00	ng		0.00
26) Chrysene-d12	22.04	240	401087	5.00	ng		0.00
35) Perylene-d12	24.61	264	361859	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	6.16	112	5763	0.36	ng		0.00
5) Phenol-d6	7.80	99	8436	0.43	ng		0.00
8) Nitrobenzene-d5	9.88	82	6950	0.44	ng		0.00
14) 2,4,6-Tribromophenol	16.72	330	2350	0.41	ng		0.00
15) 2-Fluorobiphenyl	13.89	172	27093	0.52	ng		0.00
29) Terphenyl-d14	20.48	244	28572	0.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.77	88	3362	0.45	ng		98
3) n-Nitrosodimethylamine	4.19	42	2516	0.43	ng	#	96
6) bis(2-Chloroethyl)ether	8.06	93	8354	0.43	ng		100
9) Nitrobenzene	9.93	77	7252	0.44	ng		98
10) Naphthalene	11.56	128	34289	0.50	ng		98
11) Hexachlorobutadiene	11.81	225	5492	0.50	ng		99
12) 2-Methylnaphthalene	13.13	142	23055	0.50	ng		95
16) Acenaphthylene	14.96	152	34793	0.47	ng		99
17) Acenaphthene	15.30	154	25360	0.53	ng	#	100
18) Fluorene	16.27	166	30338	0.52	ng		98
20) 4-Bromophenyl-phenylether	17.13	248	9326	0.47	ng	#	54
21) Hexachlorobenzene	17.26	284	9750	0.40	ng	#	81
22) Pentachlorophenol	17.64	266	446	0.19	ng		96
23) Phenanthrene	17.98	178	47869	0.39	ng	#	82
24) Anthracene	18.08	178	42258	0.41	ng		98
25) Fluoranthene	19.97	202	53079	0.39	ng		100
27) Benzidine	20.12	184	19582	0.35	ng		96
28) Pyrene	20.33	202	54988	0.51	ng		100
30) Benzo(a)anthracene	22.02	228	58978	0.51	ng		93
31) 3,3'-Dichlorobenzidine	21.93	252	17673	0.40	ng	#	86
32) Chrysene	22.08	228	49390	0.46	ng		94
33) Bis(2-ethylhexyl)phthalate	21.85	149	30136	0.43	ng	#	89
34) Indeno(1,2,3-cd)pyrene	27.32	276	54401	0.42	ng		100
36) Benzo(b)fluoranthene	23.82	252	49443	0.48	ng		99
37) Benzo(k)fluoranthene	23.88	252	50264	0.50	ng		99
38) Benzo(a)pyrene	24.50	252	44428	0.47	ng		100
39) Dibenzo(a,h)anthracene	27.32	278	43123	0.46	ng		99
40) Benzo(g,h,i)perylene	28.17	276	45581	0.48	ng		99

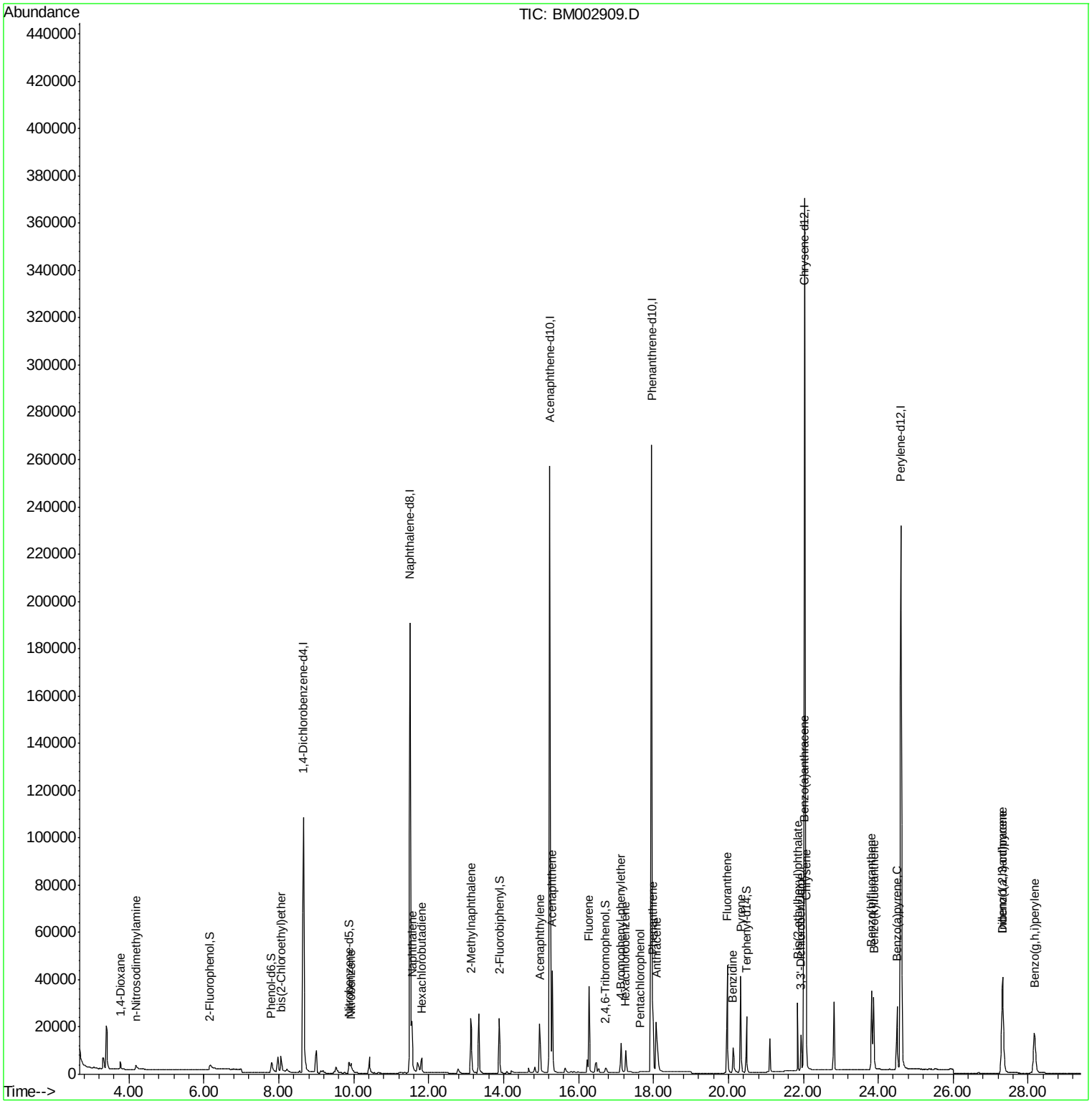
(#) = qualifier out of range (m) = manual integration (+) = signals summed

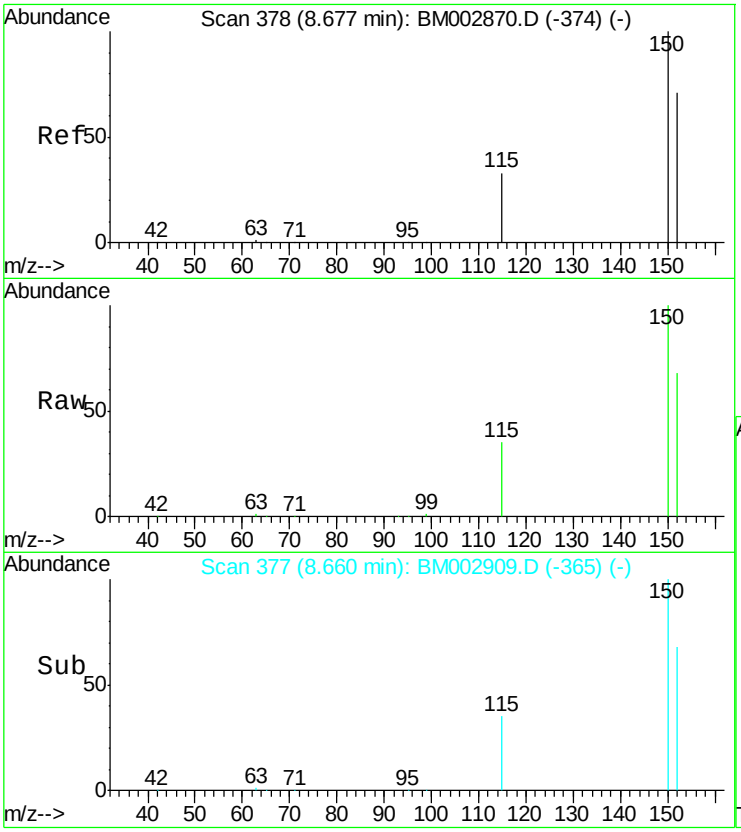
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM101515\
Data File : BM002909.D
Acq On : 15 Oct 2015 11:36
Operator : UM/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Quant Time: Oct 15 12:48:02 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



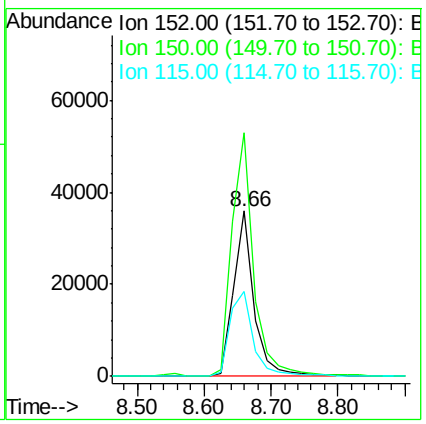


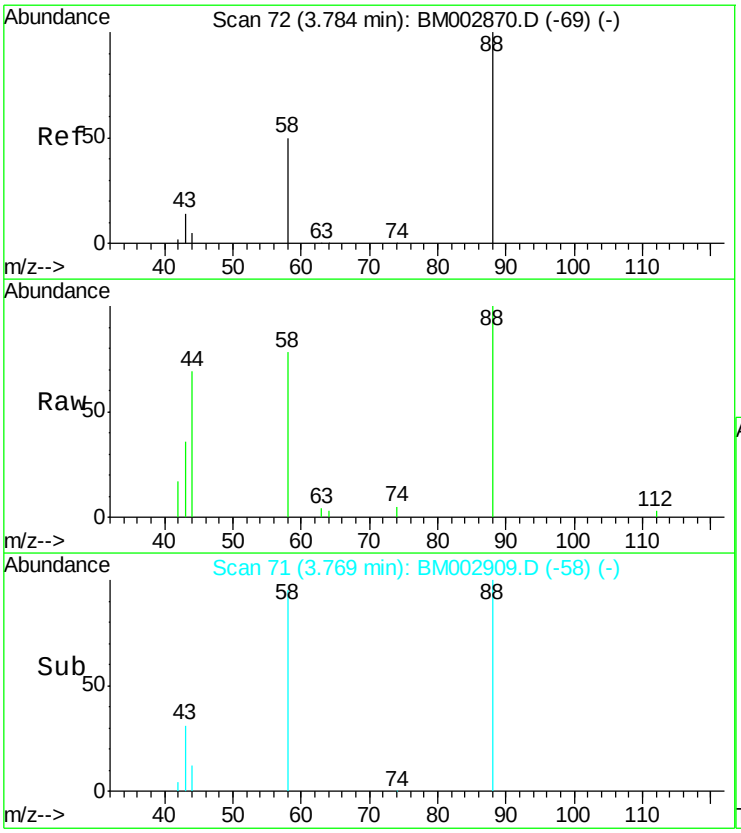
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.66 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:152 Resp: 74806

Ion	Ratio	Lower	Upper
152	100		
150	147.5	113.0	169.6
115	51.2	37.9	56.9

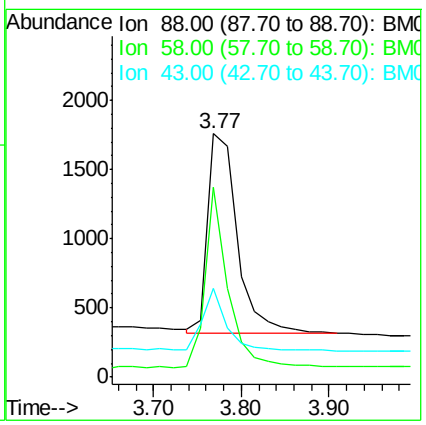


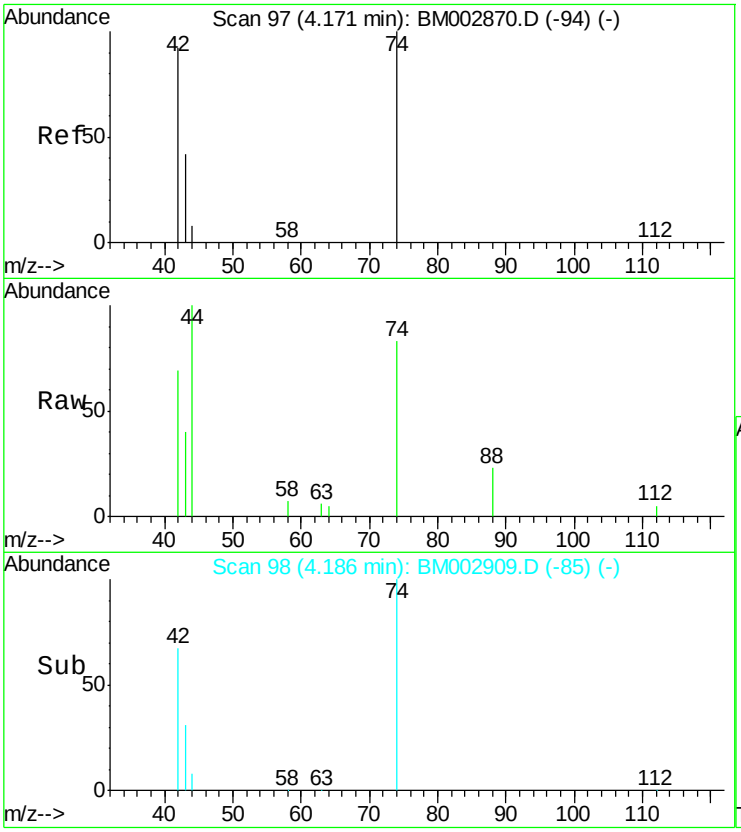


#2
1,4-Dioxane
Concen: 0.45 ng
RT: 3.77 min Scan# 71
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Tgt Ion: 88 Resp: 3362

Ion	Ratio	Lower	Upper
88	100		
58	69.7	56.7	85.1
43	26.2	22.0	33.0



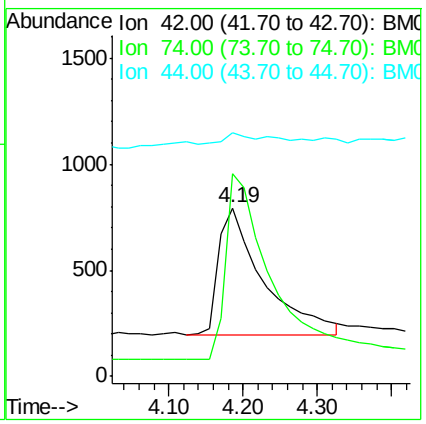


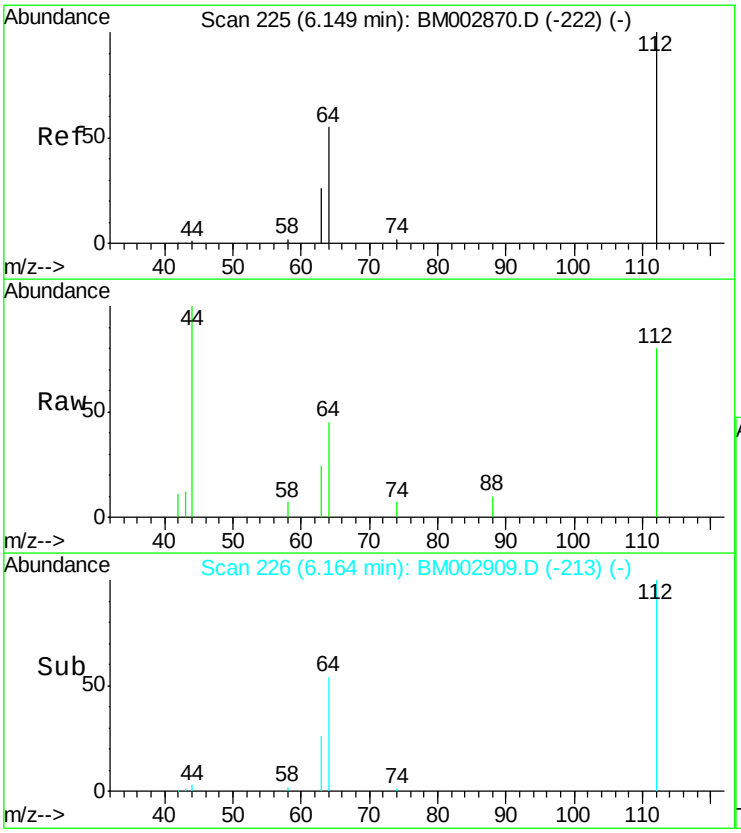
#3
n-Nitrosodimethylamine
Concen: 0.43 ng
RT: 4.19 min Scan# 98
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion: 42 Resp: 2516

Ion	Ratio	Lower	Upper
42	100		
74	145.4	119.7	179.5
44	9.4	9.8	14.6#

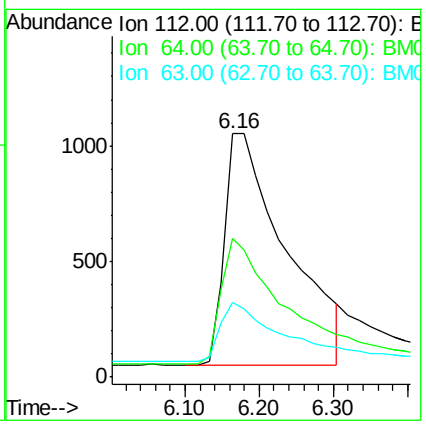


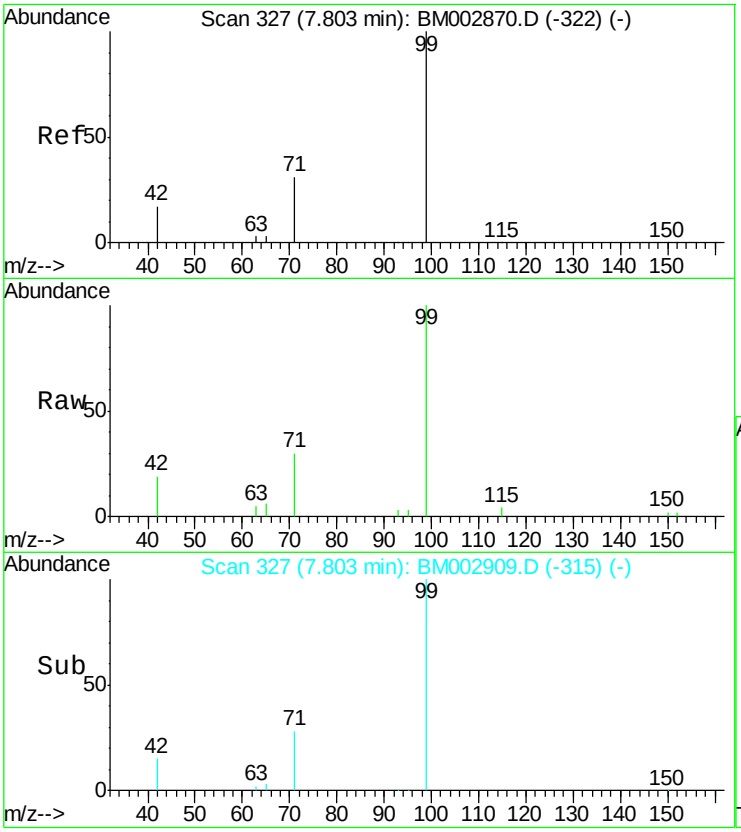


#4
2-Fluorophenol
Concen: 0.36 ng
RT: 6.16 min Scan# 226
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Tgt Ion:112 Resp: 5763

Ion	Ratio	Lower	Upper
112	100		
64	52.2	42.0	63.0
63	24.6	20.0	30.0



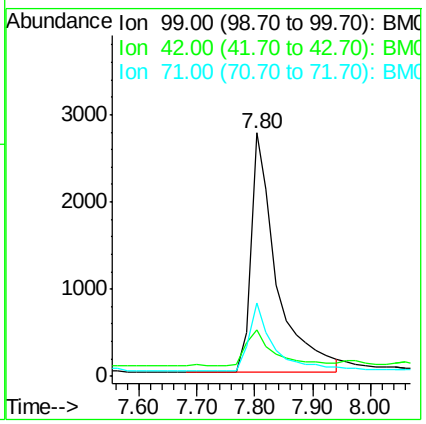


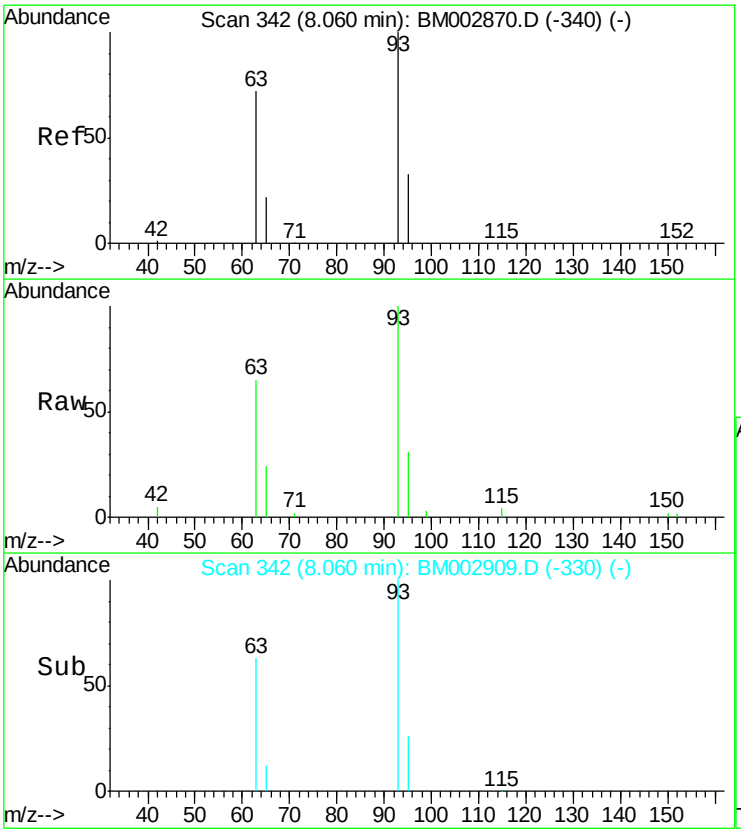
#5
Phenol-d6
Concen: 0.43 ng
RT: 7.80 min Scan# 327
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion: 99 Resp: 8436

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.4	18.6
71	27.2	21.4	32.0

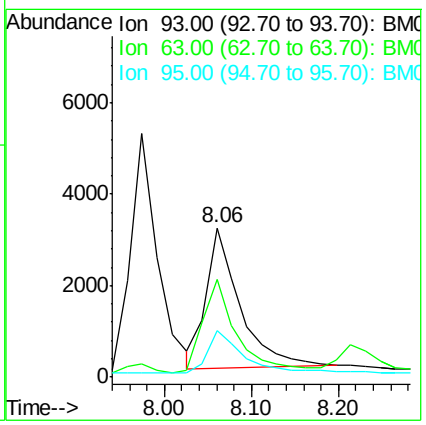


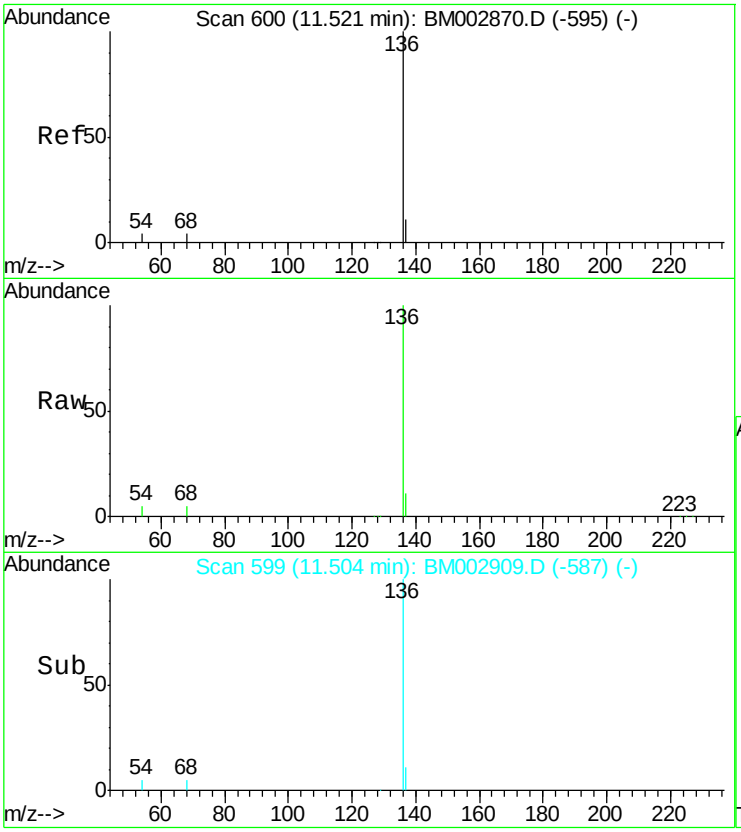


#6
bis(2-Chloroethyl)ether
Concen: 0.43 ng
RT: 8.06 min Scan# 342
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Tgt Ion: 93 Resp: 8354

Ion	Ratio	Lower	Upper
93	100		
63	65.6	52.9	79.3
95	31.6	25.2	37.8



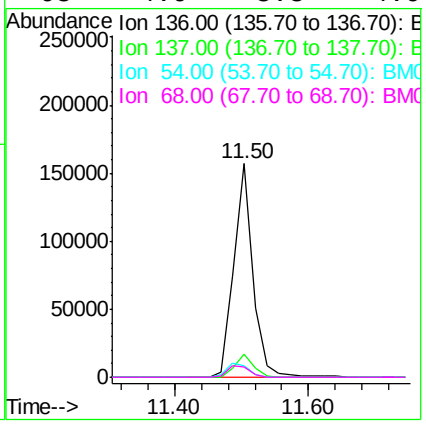


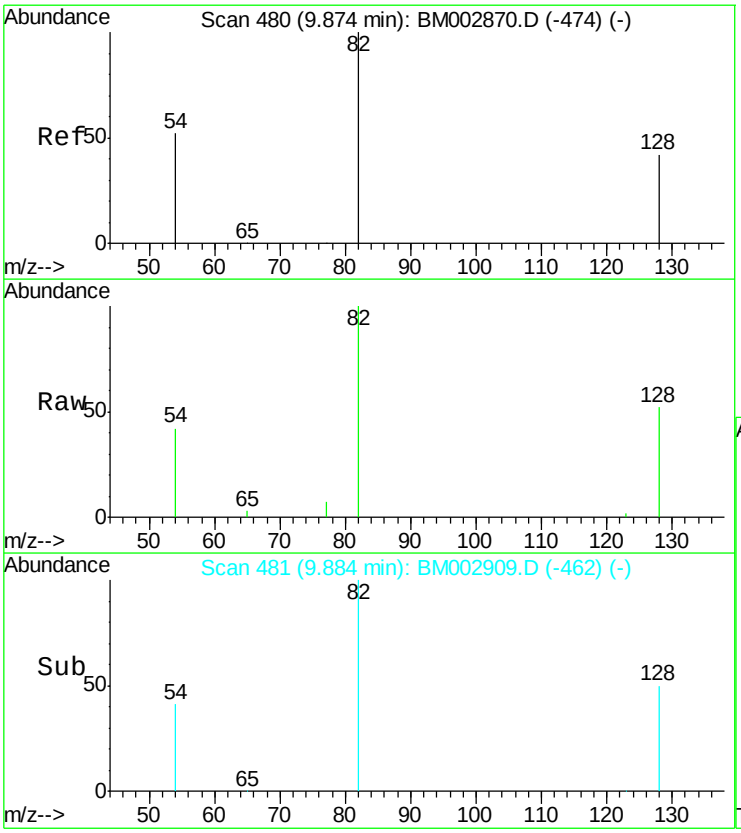
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 11.50 min Scan# 599
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:136 Resp: 310564

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	5.5	3.5	5.3#
68	4.9	3.3	4.9

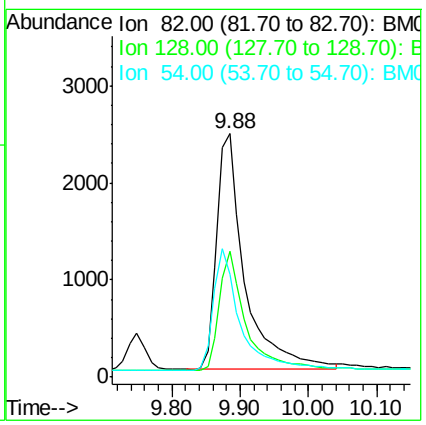


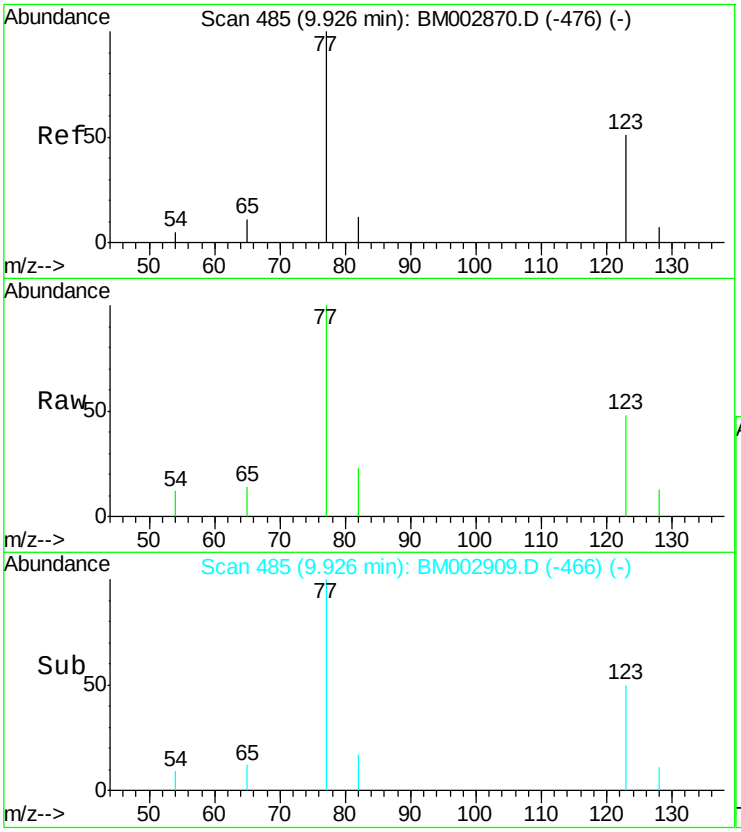


#8
Nitrobenzene-d5
Concen: 0.44 ng
RT: 9.88 min Scan# 481
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Tgt Ion: 82 Resp: 6950

Ion	Ratio	Lower	Upper
82	100		
128	51.5	34.1	51.1#
54	42.3	42.6	63.8#



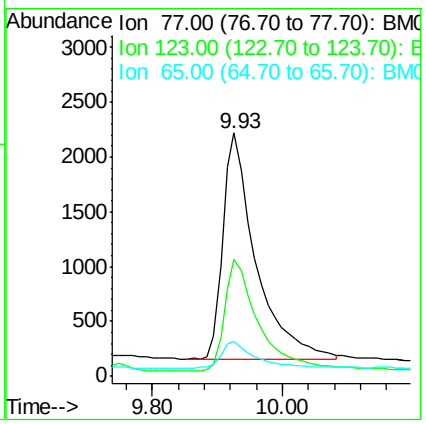


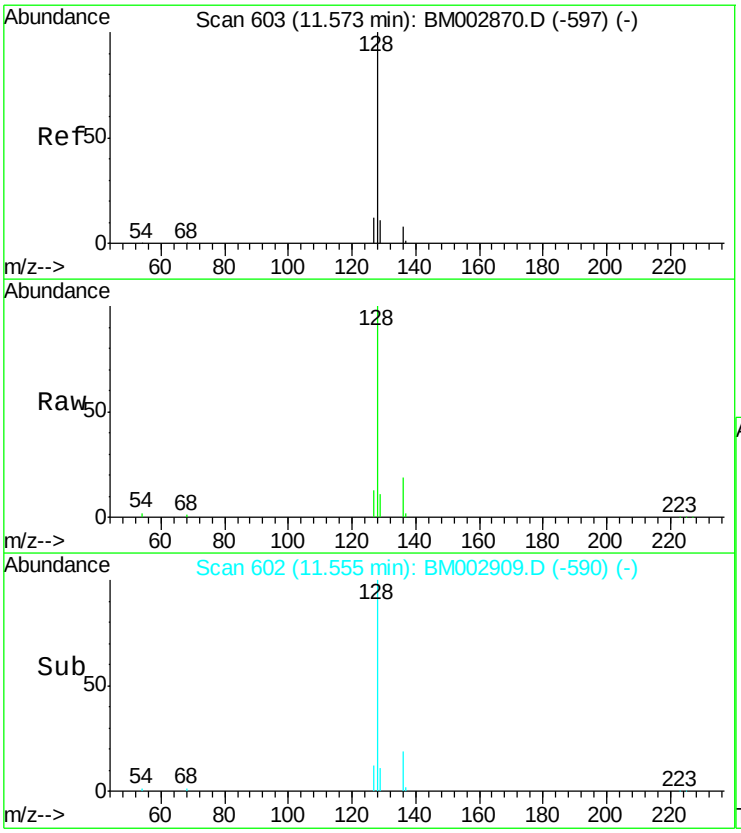
#9
Nitrobenzene
Concen: 0.44 ng
RT: 9.93 min Scan# 485
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion: 77 Resp: 7252

Ion	Ratio	Lower	Upper
77	100		
123	50.0	41.0	61.4
65	11.8	9.7	14.5

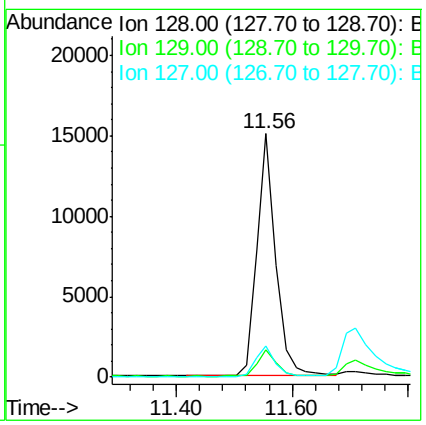


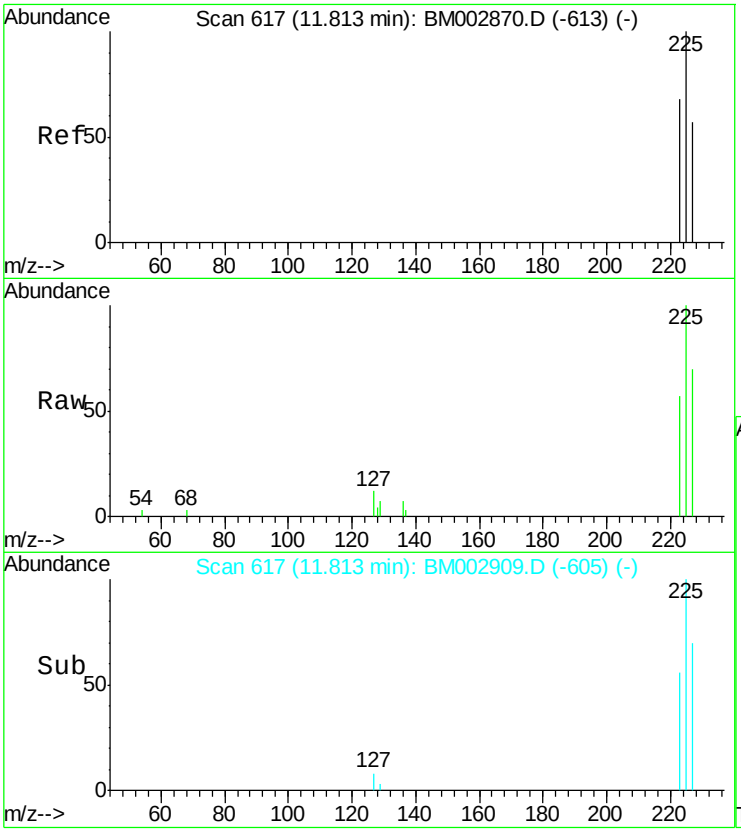


#10
Naphthalene
Concen: 0.50 ng
RT: 11.56 min Scan# 602
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Tgt Ion:128 Resp: 34289

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	12.8	9.6	14.4



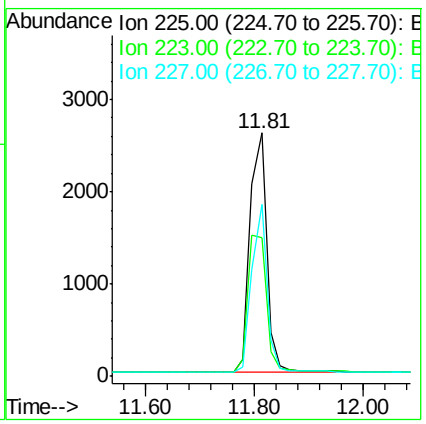


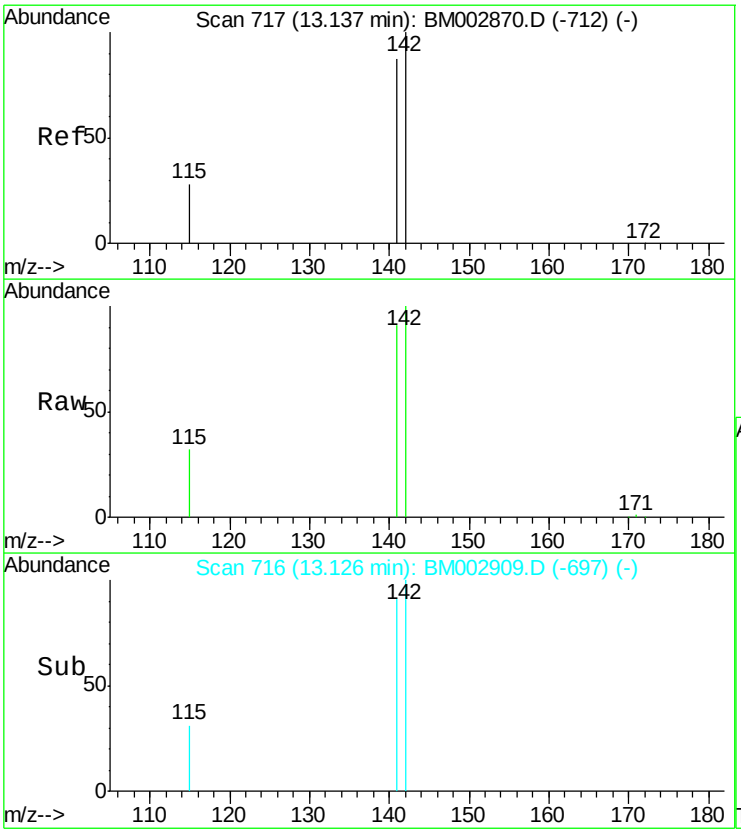
#11
Hexachlorobutadiene
Concen: 0.50 ng
RT: 11.81 min Scan# 617
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:225 Resp: 5492

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.1	75.1
227	64.4	51.2	76.8

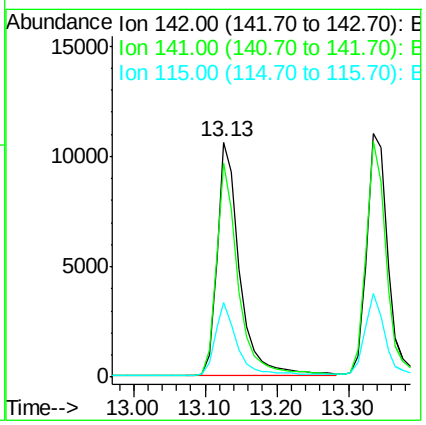


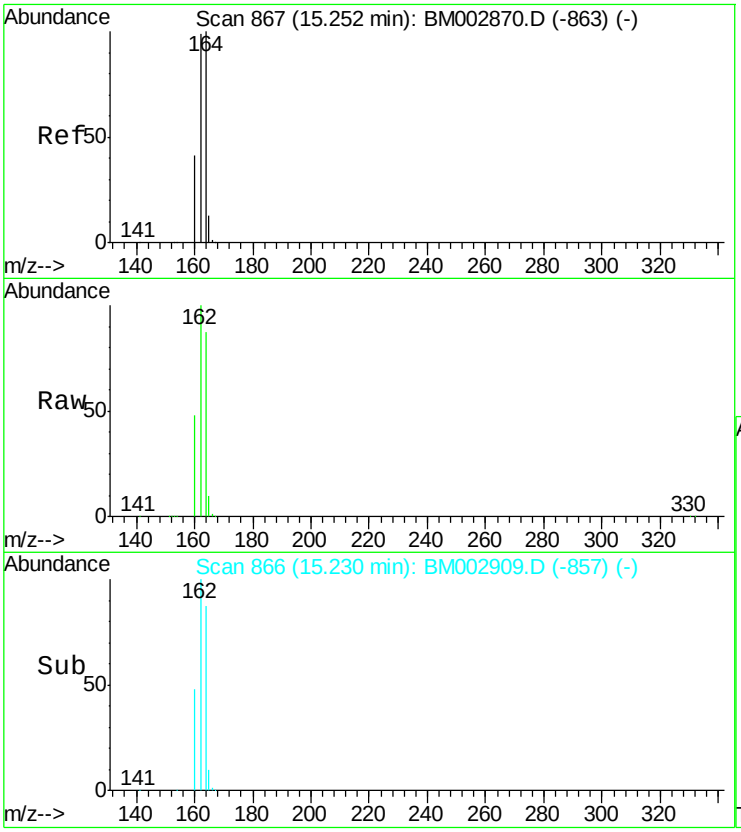


#12
2-Methylnaphthalene
Concen: 0.50 ng
RT: 13.13 min Scan# 716
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Tgt Ion:142 Resp: 23055

Ion	Ratio	Lower	Upper
142	100		
141	91.0	69.4	104.0
115	31.9	22.7	34.1



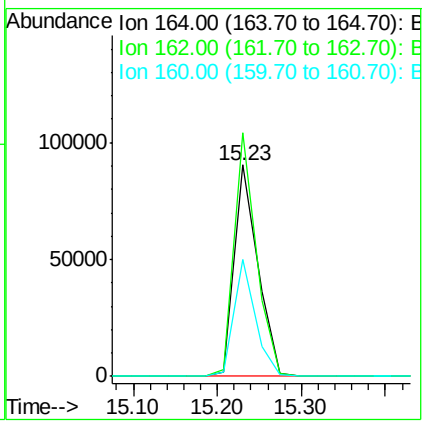


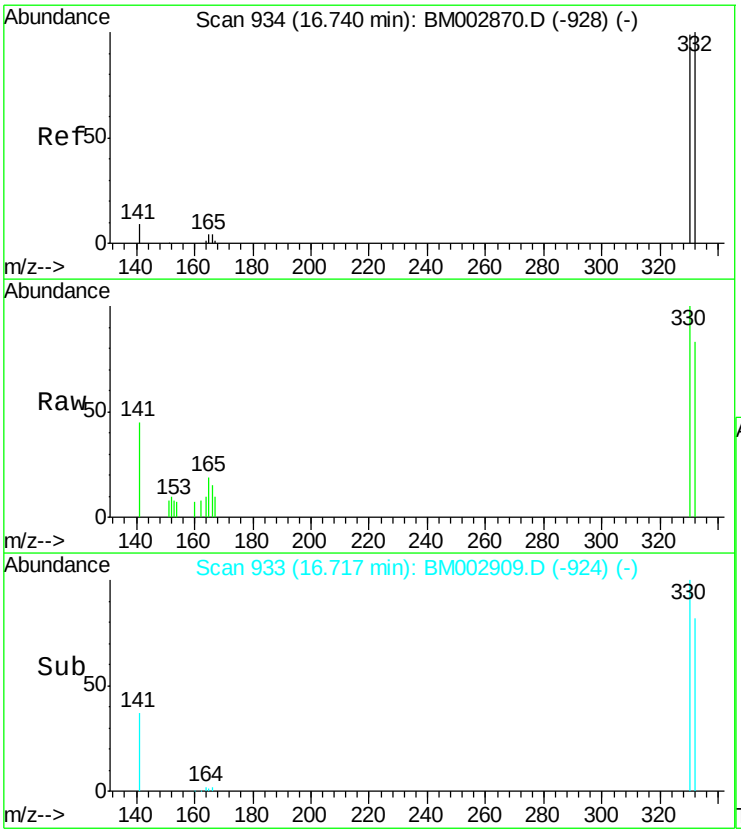
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 15.23 min Scan# 866
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:164 Resp: 173243

Ion	Ratio	Lower	Upper
164	100		
162	115.1	79.6	119.4
160	55.5	33.1	49.7#

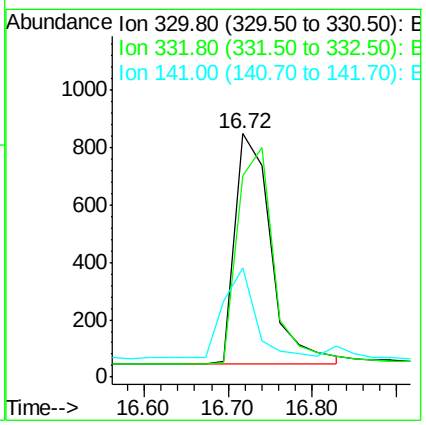


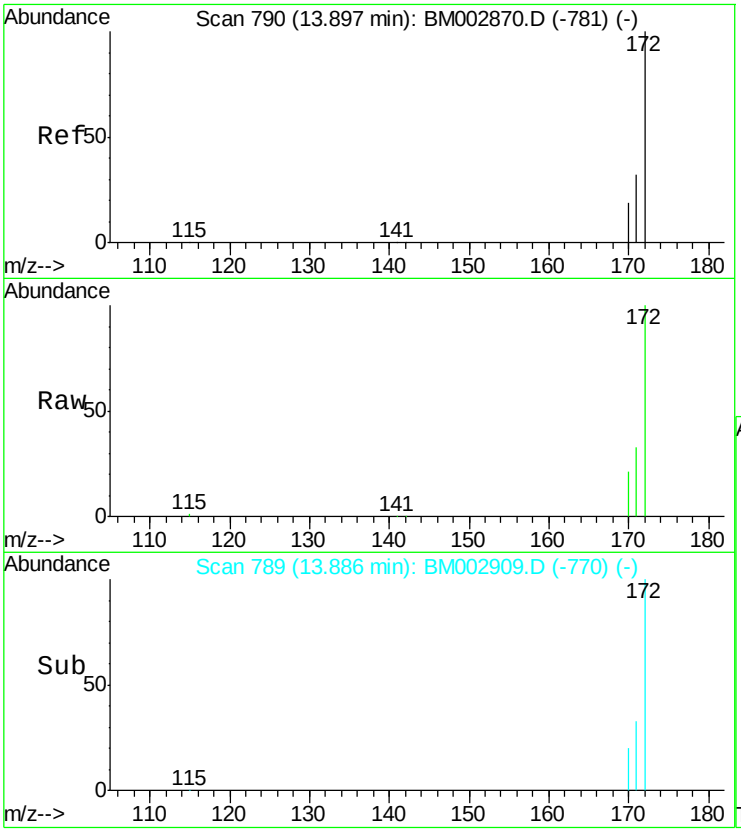


#14
2,4,6-Tribromophenol
Concen: 0.41 ng
RT: 16.72 min Scan# 933
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Tgt Ion:330 Resp: 2350

Ion	Ratio	Lower	Upper
330	100		
332	0.0	76.6	115.0#
141	35.7	0.0	0.0#



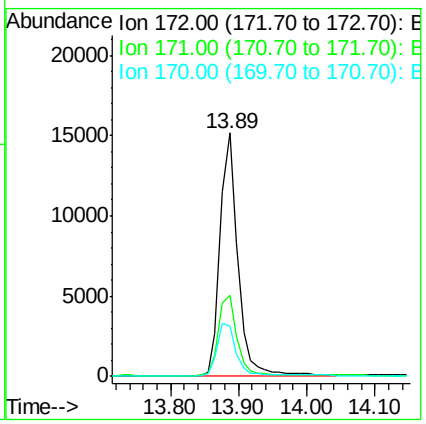


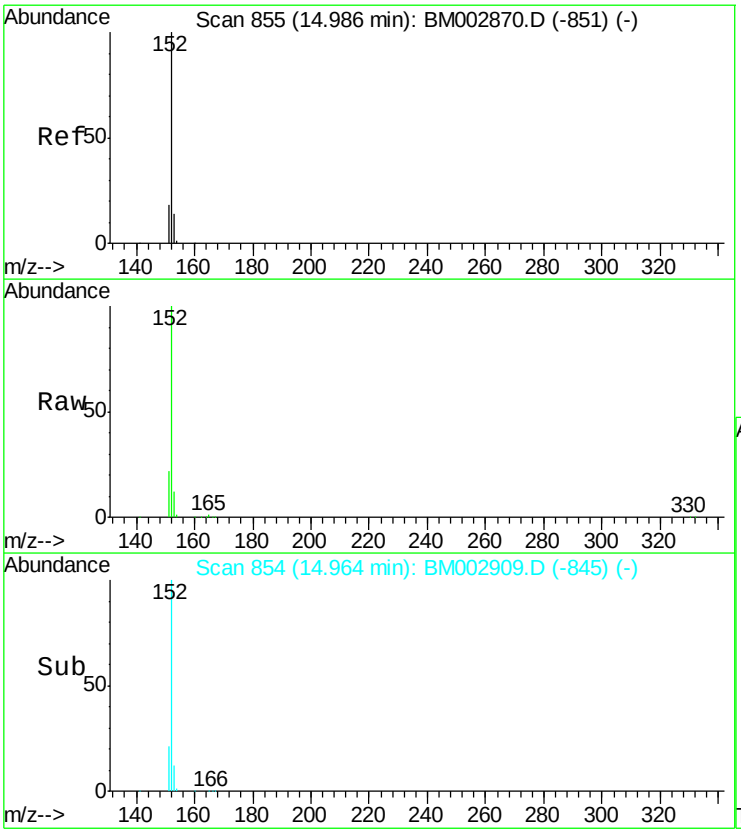
#15
2-Fluorobiphenyl
Concen: 0.52 ng
RT: 13.89 min Scan# 789
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:172 Resp: 27093

Ion	Ratio	Lower	Upper
172	100		
171	33.3	26.1	39.1
170	20.7	15.7	23.5

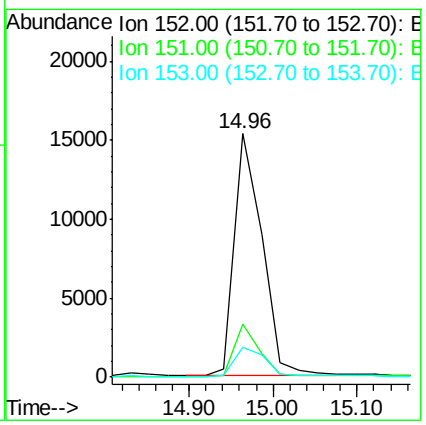


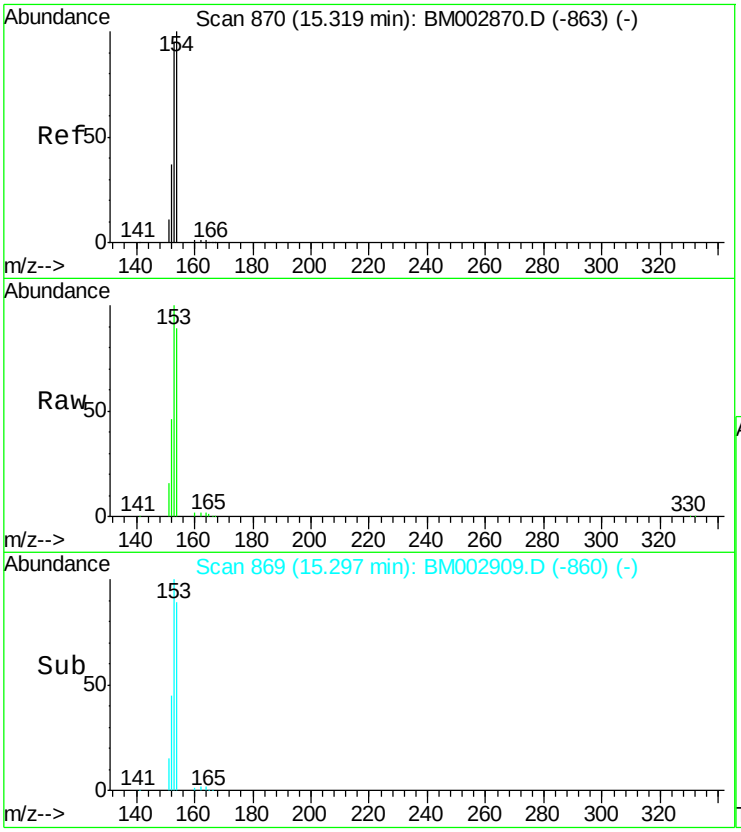


#16
Acenaphthylene
Concen: 0.47 ng
RT: 14.96 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Tgt Ion:152 Resp: 34793

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.3	22.9
153	12.7	10.5	15.7



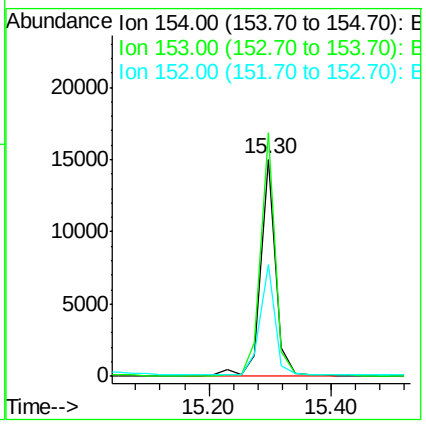


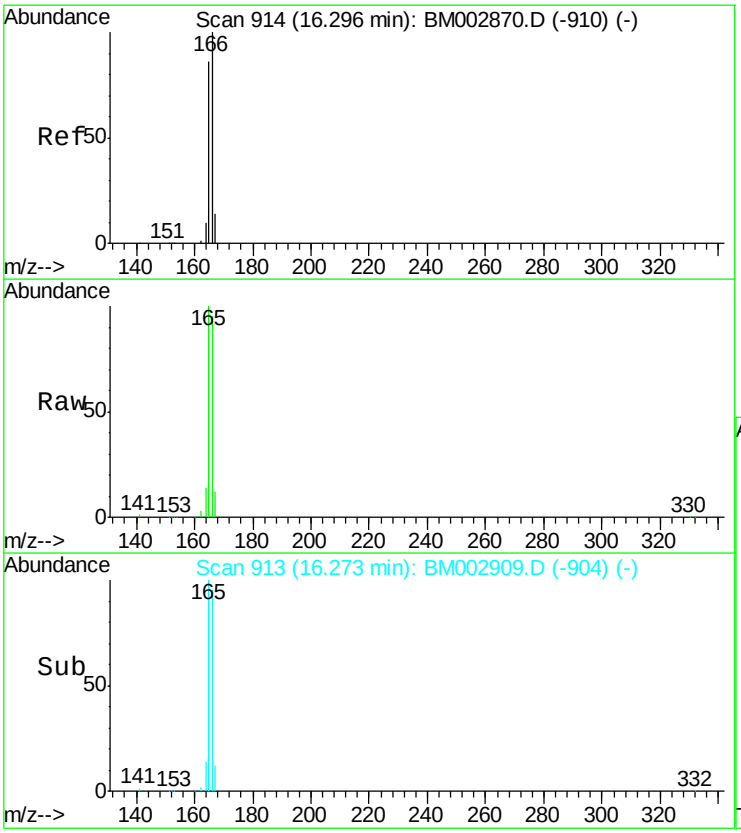
#17
Acenaphthene
Concen: 0.53 ng
RT: 15.30 min Scan# 869
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:154 Resp: 25360

Ion	Ratio	Lower	Upper
154	100		
153	109.8	0.0	0.0#
152	51.6	0.0	0.0#

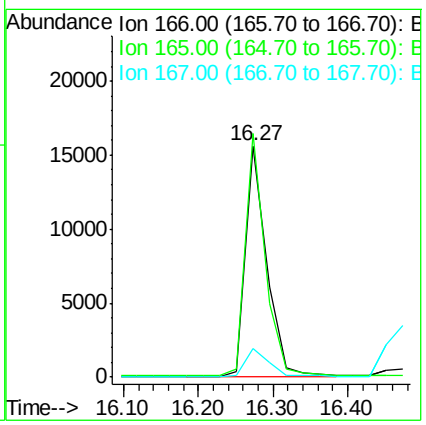


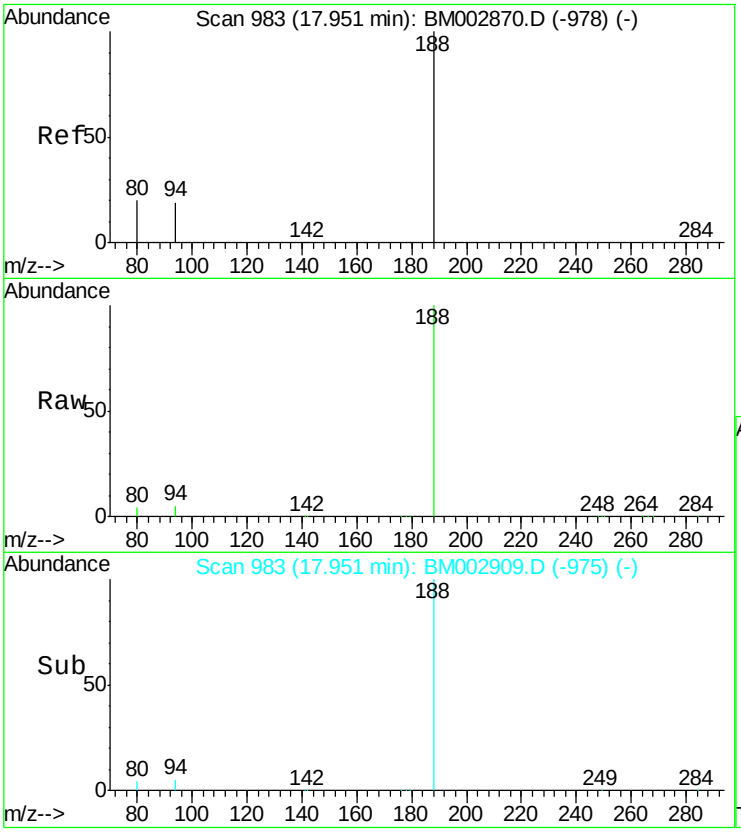


#18
Fluorene
Concen: 0.52 ng
RT: 16.27 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Tgt Ion:166 Resp: 30338

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.3	115.9
167	13.2	10.9	16.3



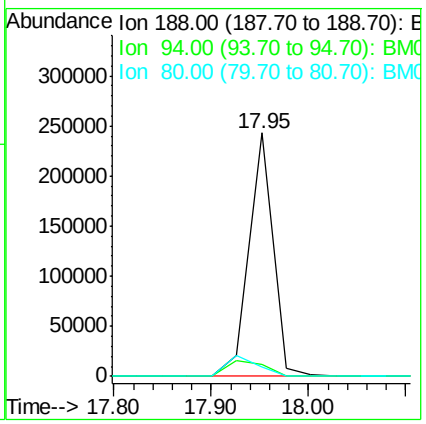


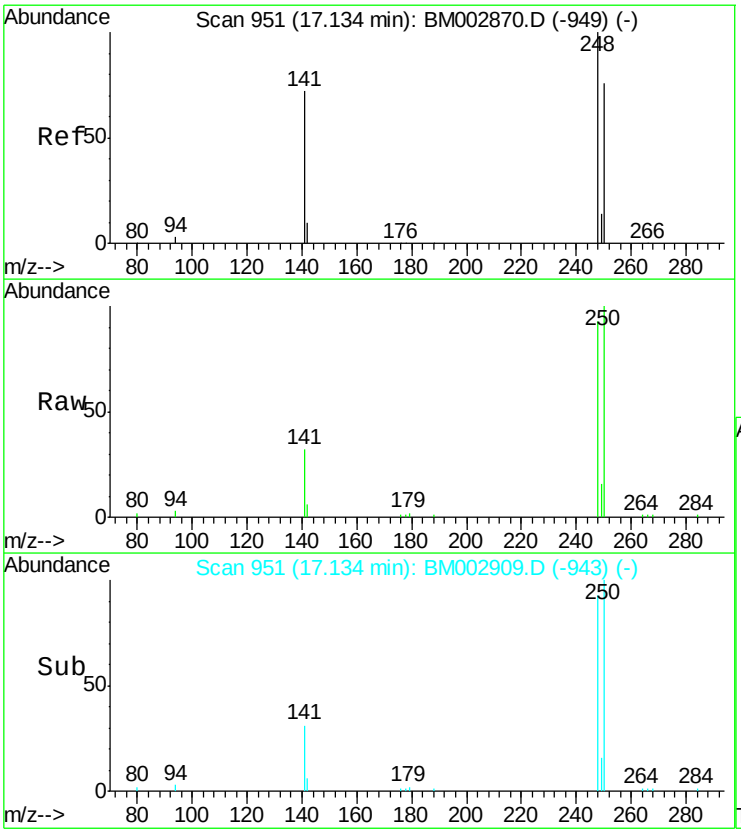
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.95 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:188 Resp: 420674

Ion	Ratio	Lower	Upper
188	100		
94	4.8	15.2	22.8#
80	4.1	15.9	23.9#

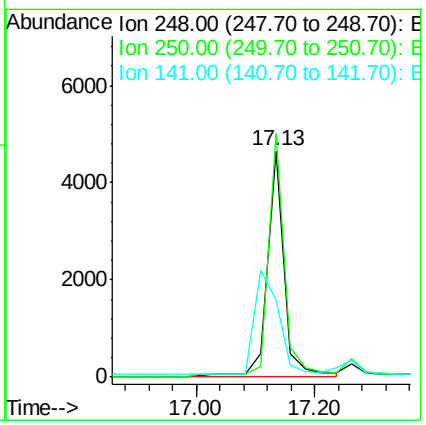


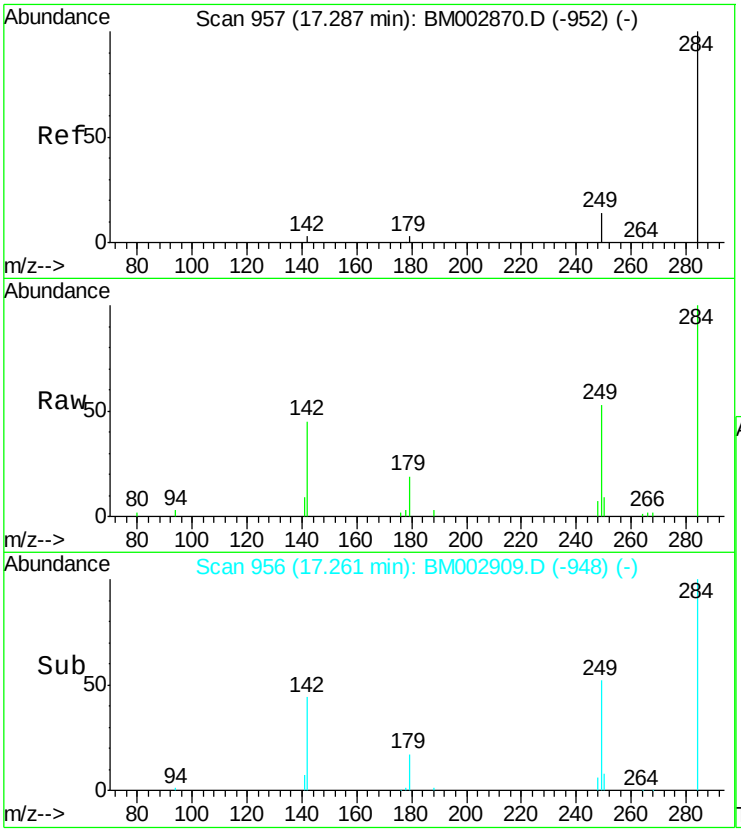


#20
4-Bromophenyl-phenylether
Concen: 0.47 ng
RT: 17.13 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Tgt Ion:248 Resp: 9326

Ion	Ratio	Lower	Upper
248	100		
250	104.5	71.4	107.2
141	0.0	54.6	82.0#



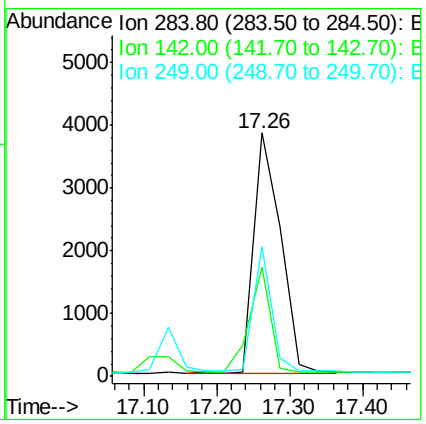


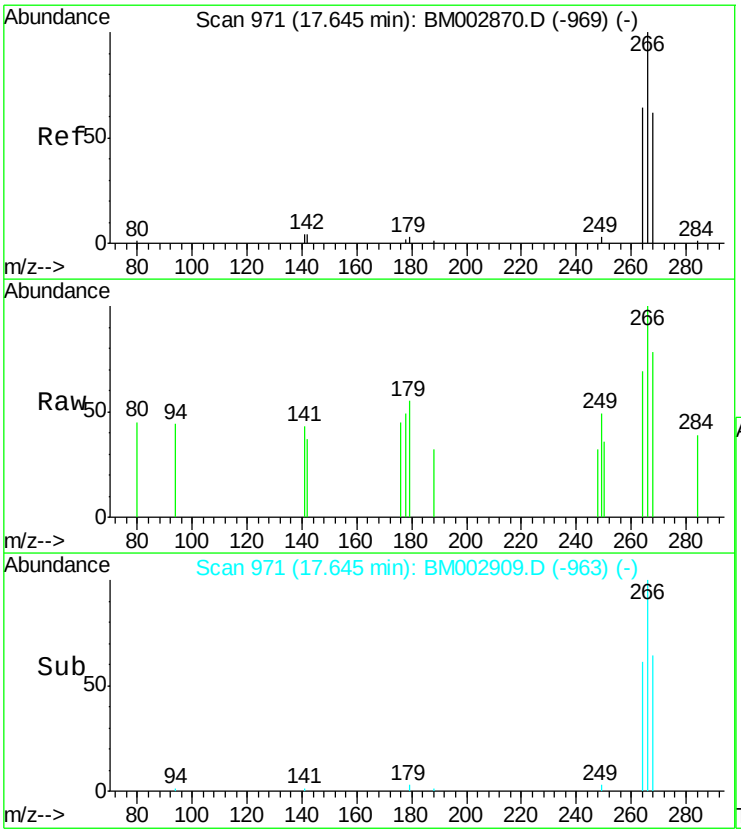
#21
Hexachlorobenzene
Concen: 0.40 ng
RT: 17.26 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:284 Resp: 9750

Ion	Ratio	Lower	Upper
284	100		
142	34.7	0.0	0.0#
249	35.4	20.7	31.1#

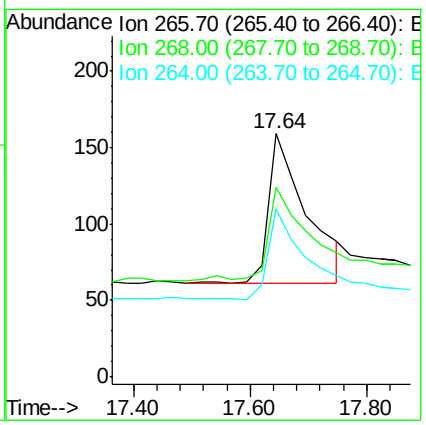


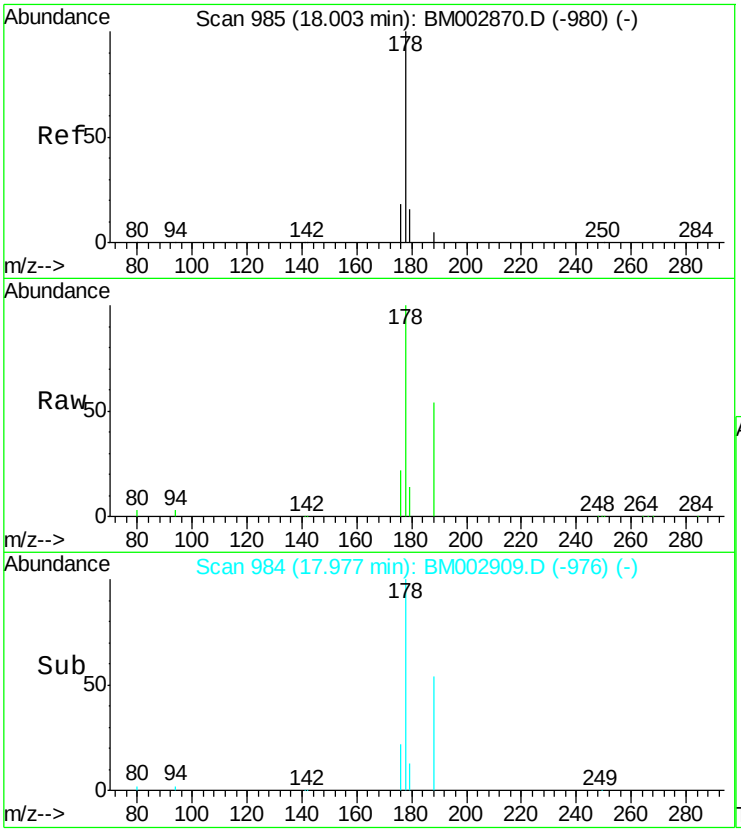


#22
Pentachlorophenol
Concen: 0.19 ng
RT: 17.64 min Scan# 971
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Tgt Ion:266 Resp: 446

Ion	Ratio	Lower	Upper
266	100		
268	78.0	58.3	87.5
264	69.2	54.2	81.2



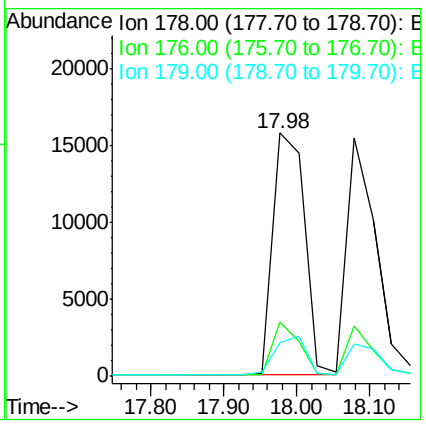


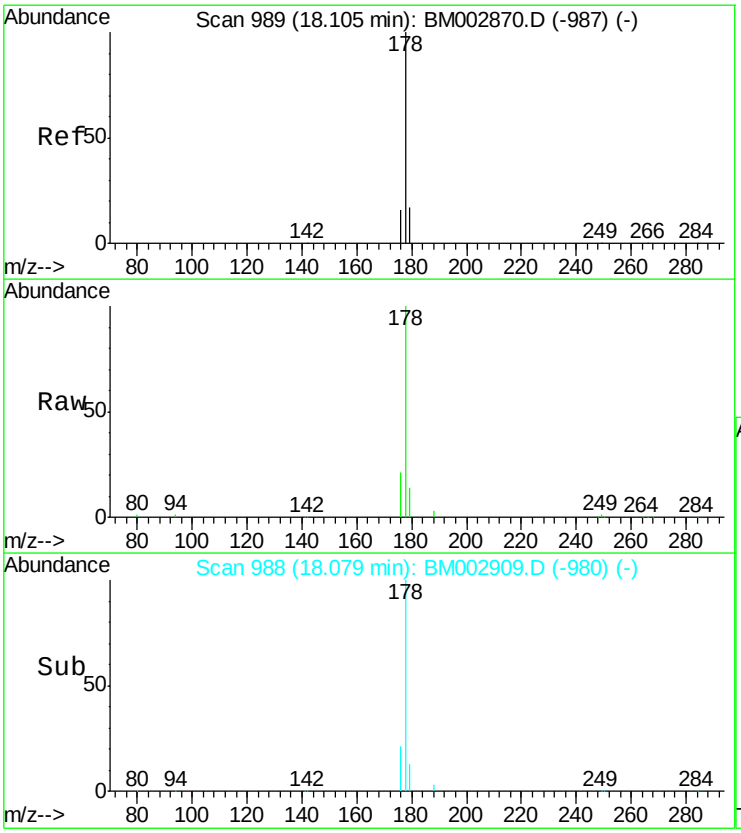
#23
Phenanthrene
Concen: 0.39 ng
RT: 17.98 min Scan# 984
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:178 Resp: 47869

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	21.8
179	0.0	12.5	18.7#

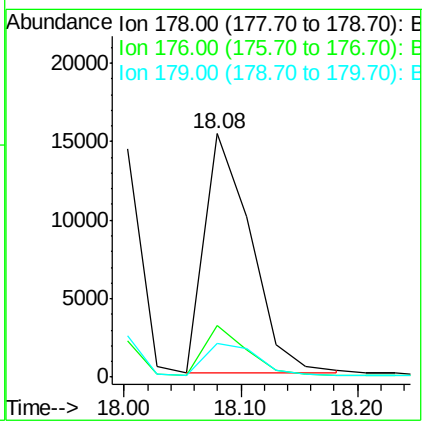


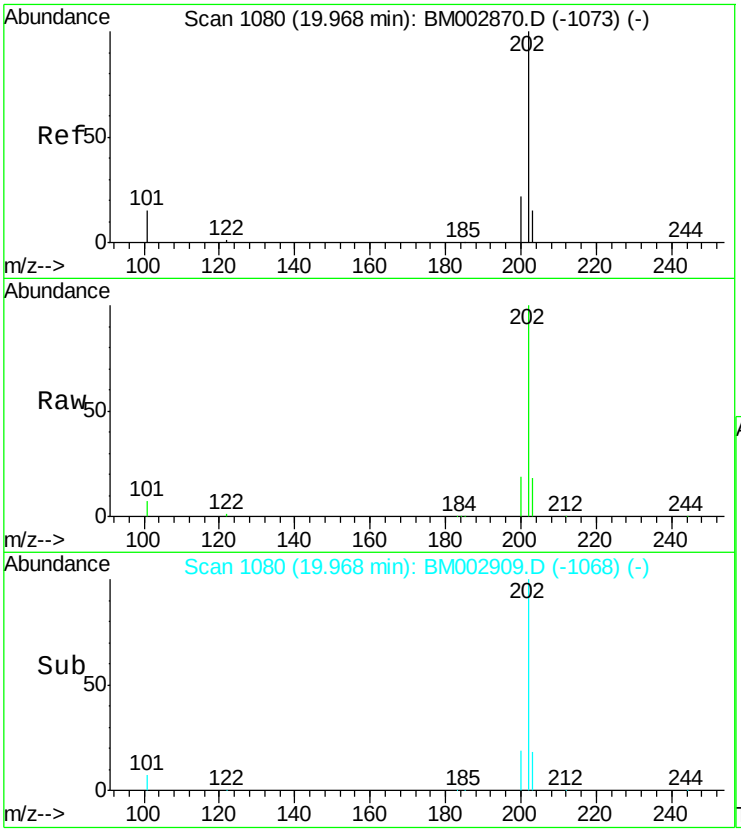


#24
Anthracene
Concen: 0.41 ng
RT: 18.08 min Scan# 988
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Tgt Ion:178 Resp: 42258

Ion	Ratio	Lower	Upper
178	100		
176	18.6	13.9	20.9
179	14.9	12.6	18.8



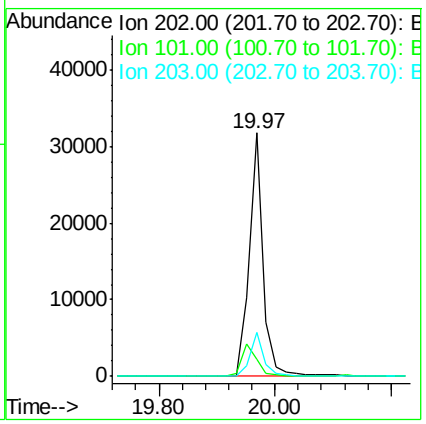


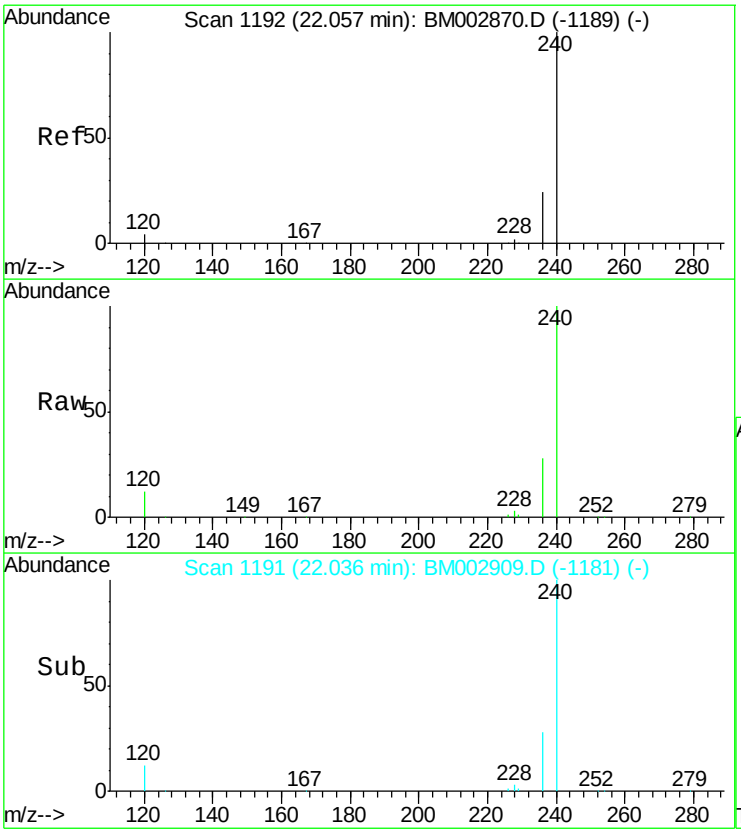
#25
Fluoranthene
Concen: 0.39 ng
RT: 19.97 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:202 Resp: 53079

Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.0	16.6
203	17.4	13.8	20.6

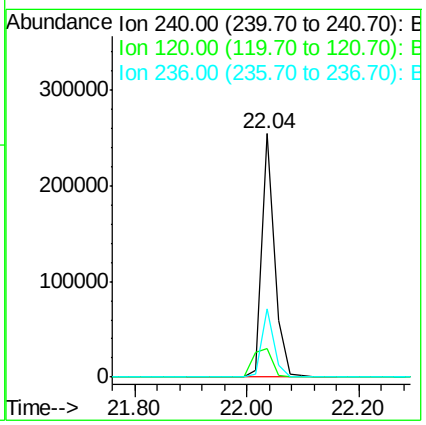


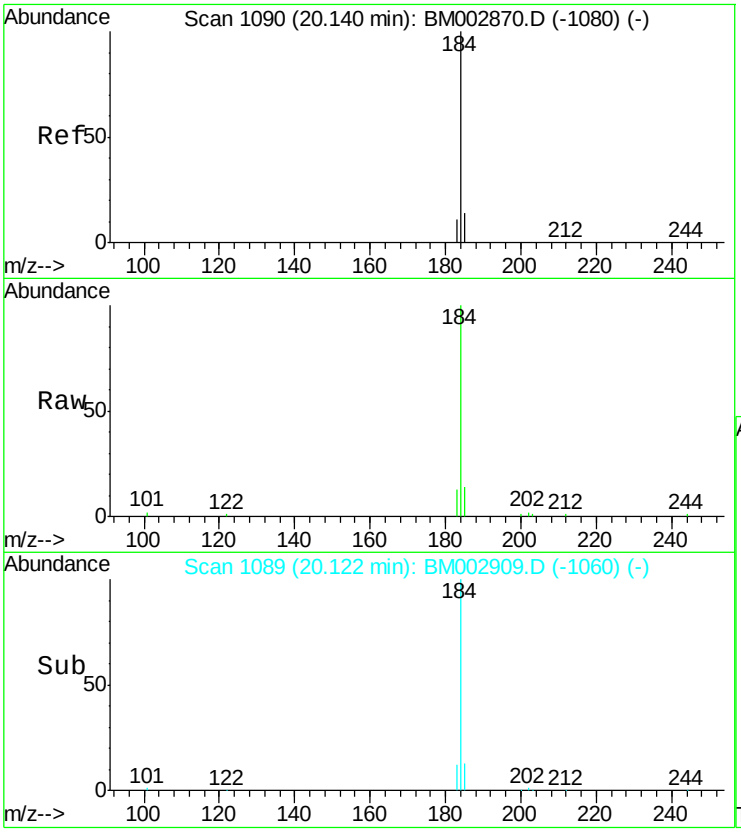


#26
Chrysene-d12
Concen: 5.00 ng
RT: 22.04 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Tgt Ion:240 Resp: 401087

Ion	Ratio	Lower	Upper
240	100		
120	11.7	3.3	4.9#
236	28.3	19.5	29.3



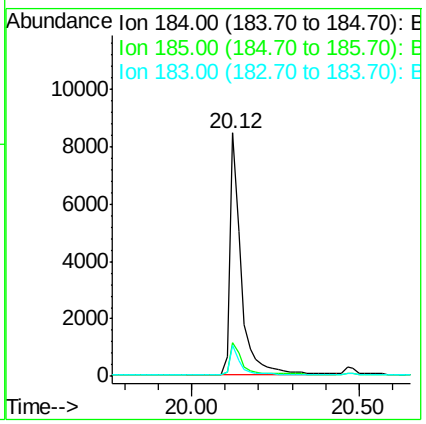


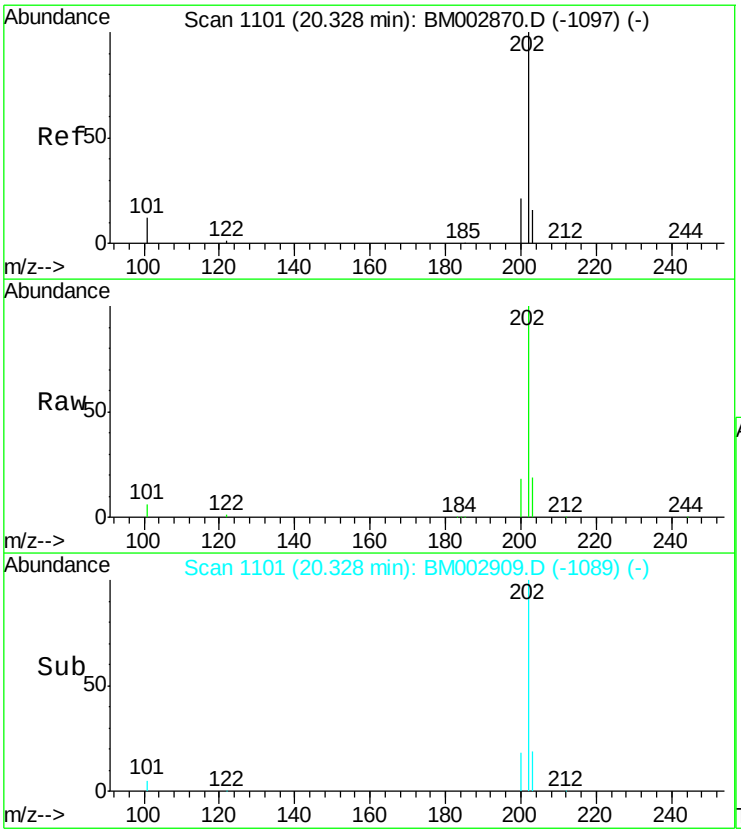
#27
Benzidine
Concen: 0.35 ng
RT: 20.12 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:184 Resp: 19582

Ion	Ratio	Lower	Upper
184	100		
185	13.8	12.0	18.0
183	12.8	8.9	13.3

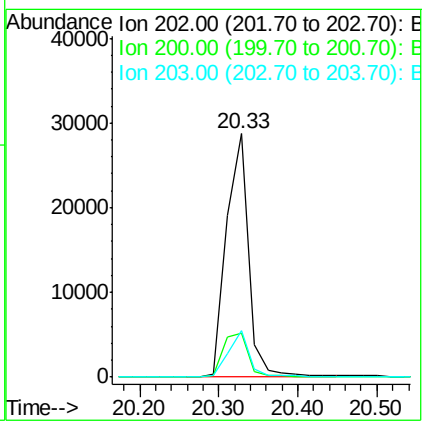


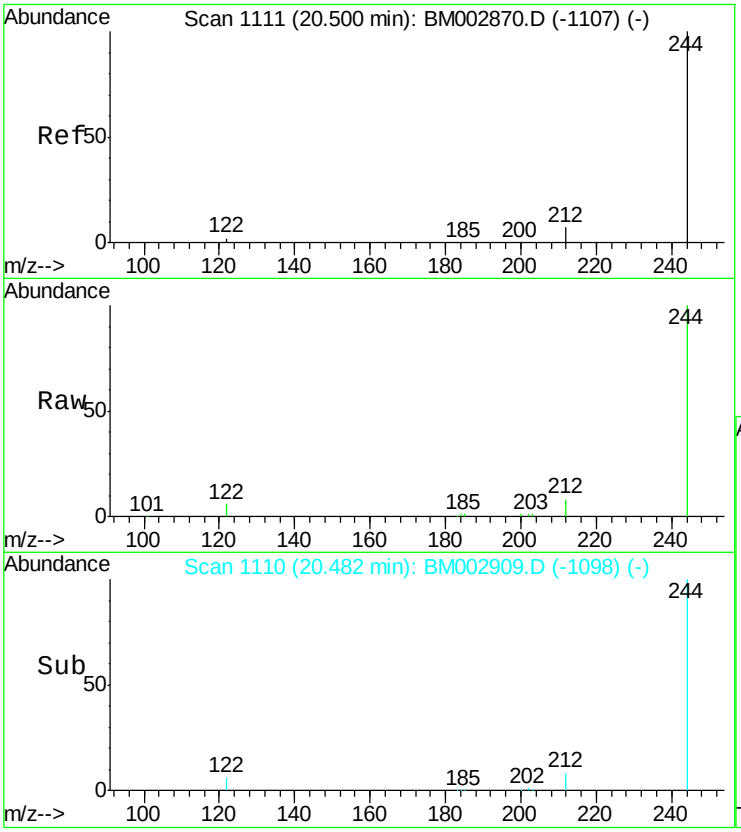


#28
Pyrene
Concen: 0.51 ng
RT: 20.33 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Tgt Ion:202 Resp: 54988

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.4
203	17.5	13.8	20.8



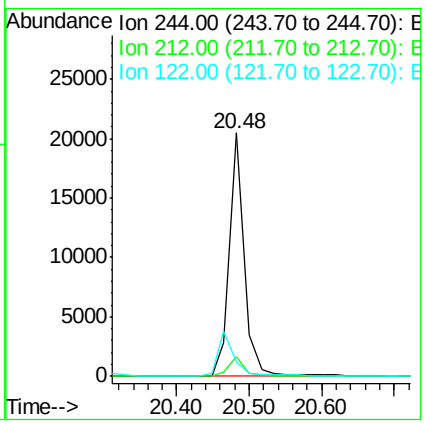


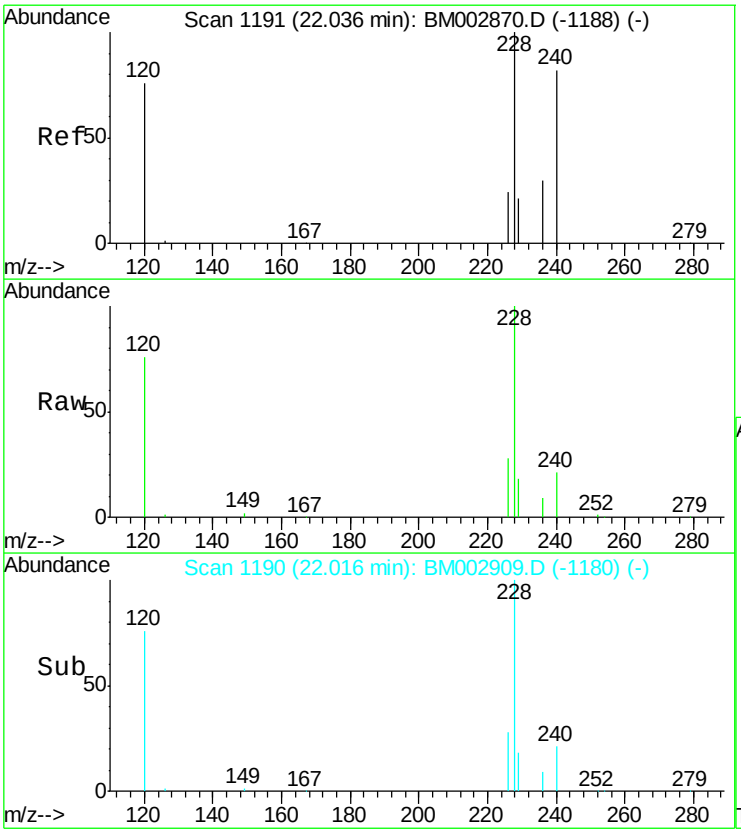
#29
Terphenyl-d14
Concen: 0.53 ng
RT: 20.48 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:244 Resp: 28572

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.6	8.4
122	6.0	2.2	3.2#

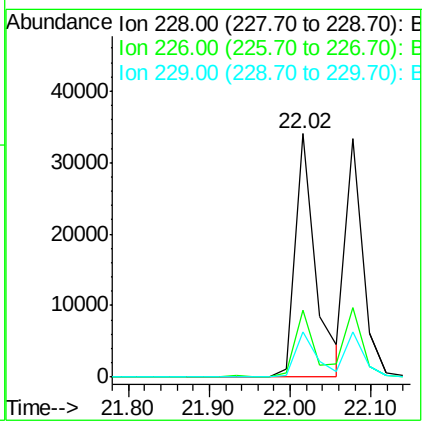


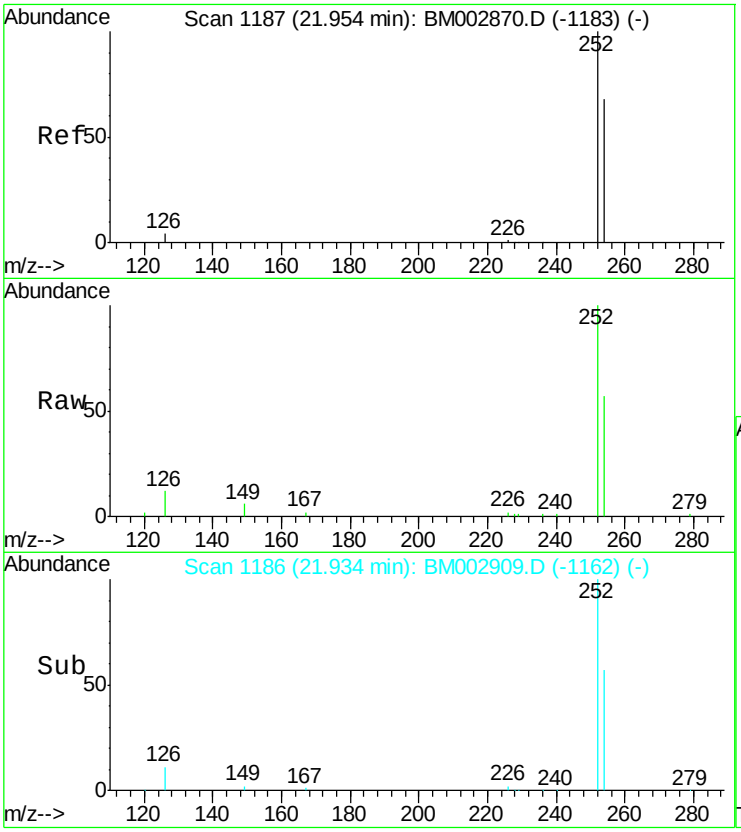


#30
Benzo(a)anthracene
Concen: 0.51 ng
RT: 22.02 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Tgt Ion:228 Resp: 58978

Ion	Ratio	Lower	Upper
228	100		
226	27.8	19.0	28.6
229	18.3	16.8	25.2



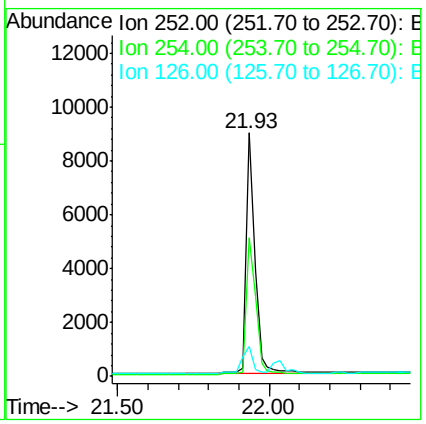


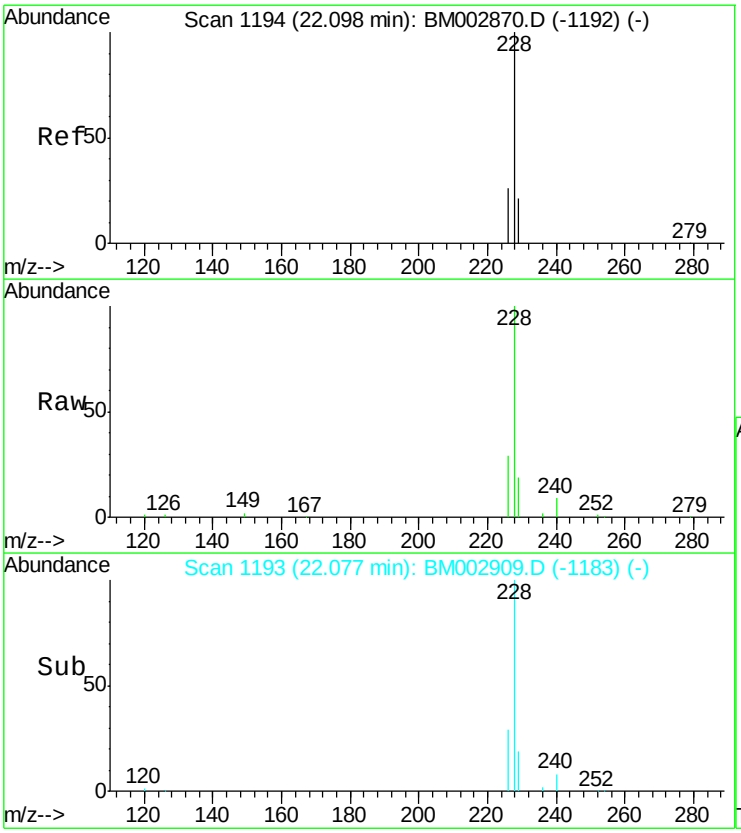
#31
3,3'-Dichlorobenzidine
Concen: 0.40 ng
RT: 21.93 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 17673

Ion	Ratio	Lower	Upper
252	100		
254	56.9	54.1	81.1
126	12.5	4.1	6.1#

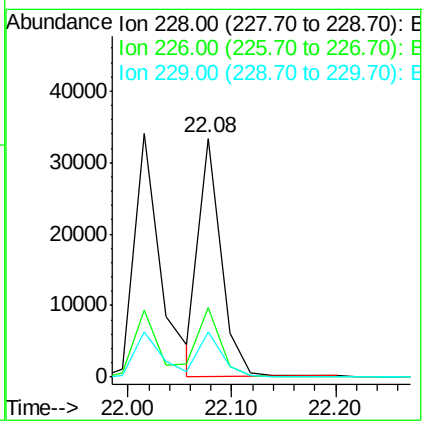


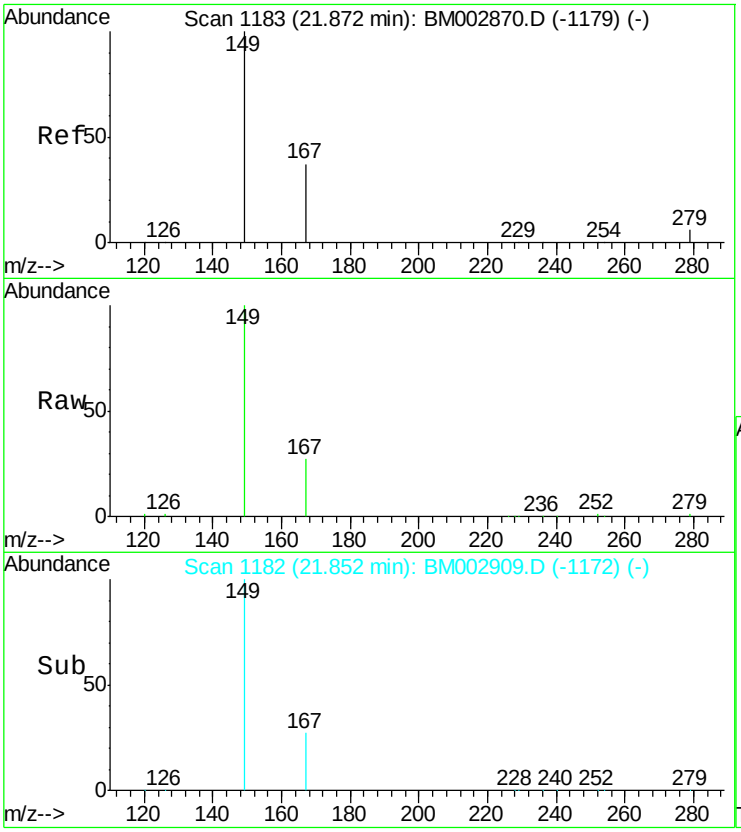


#32
Chrysene
Concen: 0.46 ng
RT: 22.08 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Tgt Ion:228 Resp: 49390

Ion	Ratio	Lower	Upper
228	100		
226	29.3	20.6	30.8
229	19.1	17.4	26.2



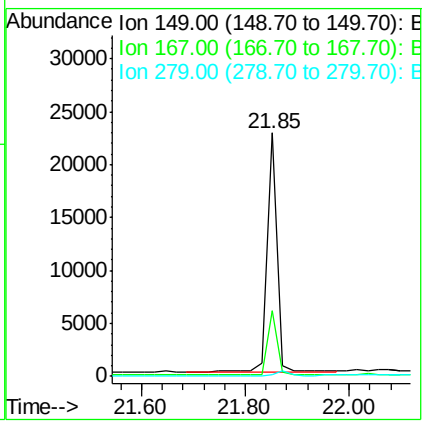


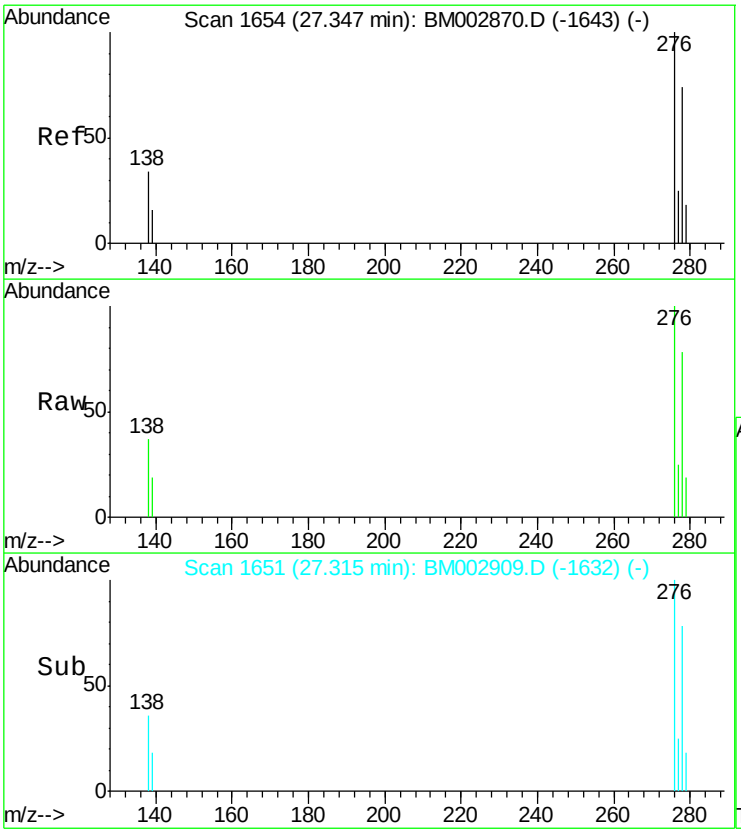
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.43 ng
RT: 21.85 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:149 Resp: 30136

Ion	Ratio	Lower	Upper
149	100		
167	26.9	17.2	25.8#
279	0.0	2.2	3.4#

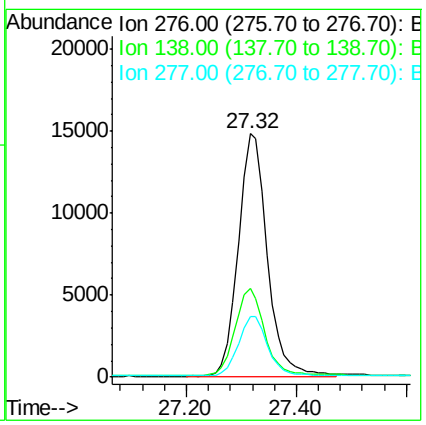


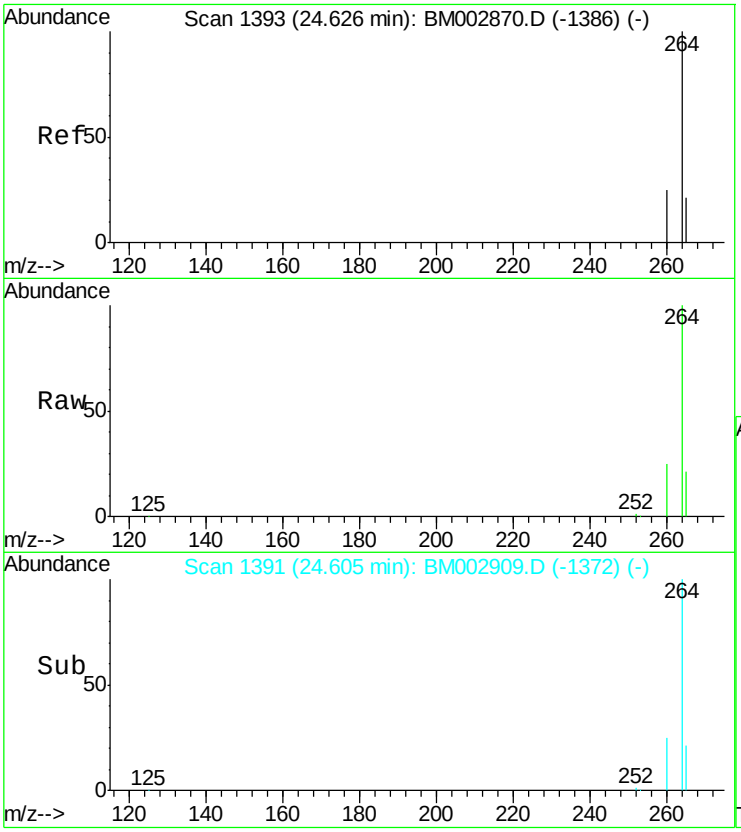


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.42 ng
RT: 27.32 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Tgt Ion:276 Resp: 54401

Ion	Ratio	Lower	Upper
276	100		
138	36.3	29.0	43.6
277	24.7	19.8	29.8



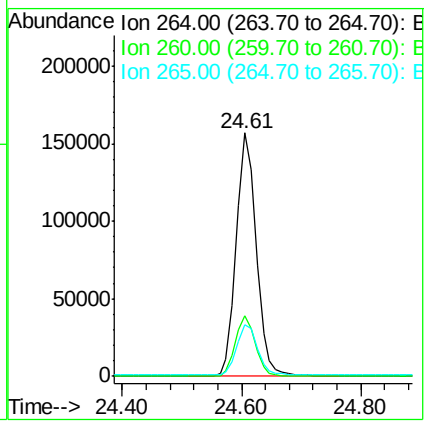


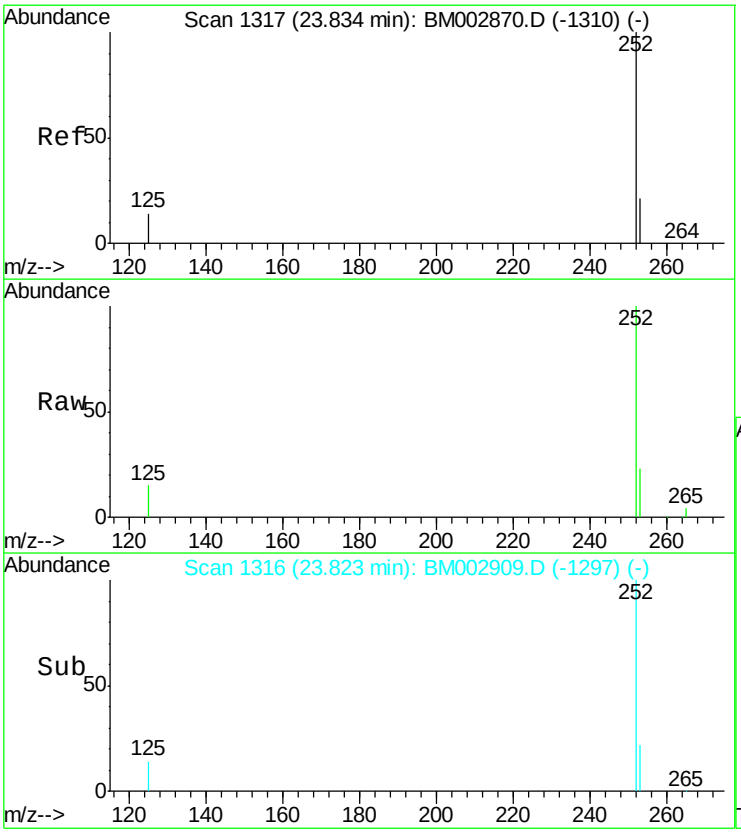
#35
Perylene-d12
Concen: 5.00 ng
RT: 24.61 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:264 Resp: 361859

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	21.5	17.6	26.4

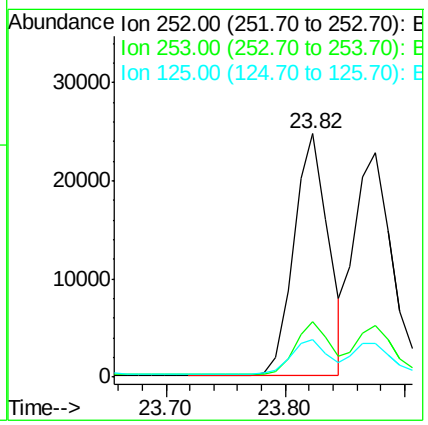


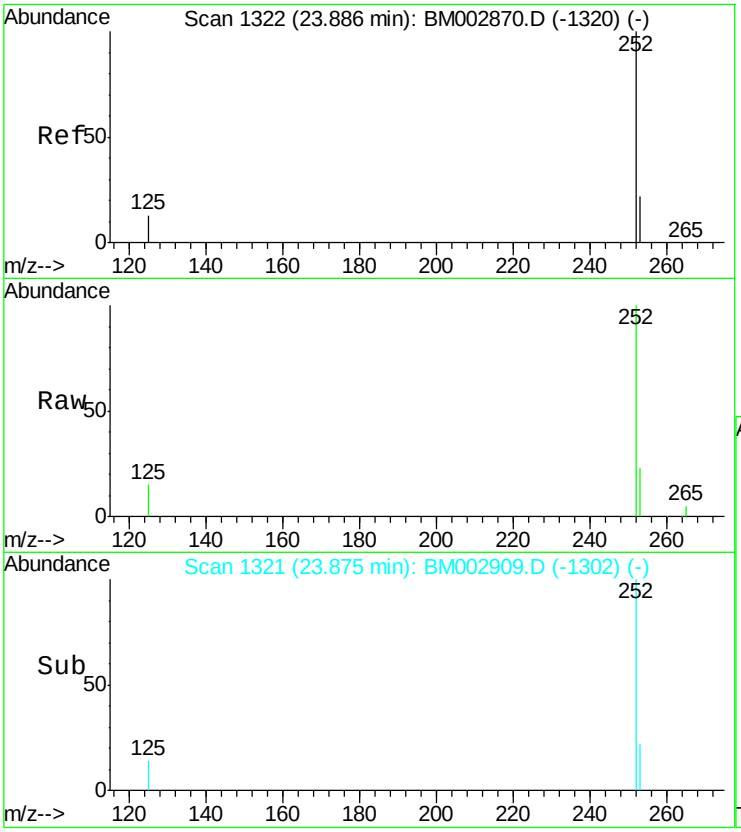


#36
Benzo(b)fluoranthene
Concen: 0.48 ng
RT: 23.82 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Tgt Ion:252 Resp: 49443

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	15.3	12.4	18.6



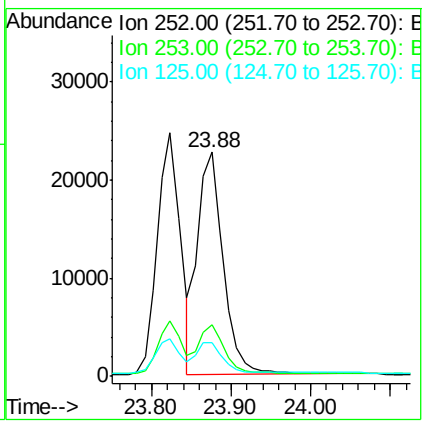


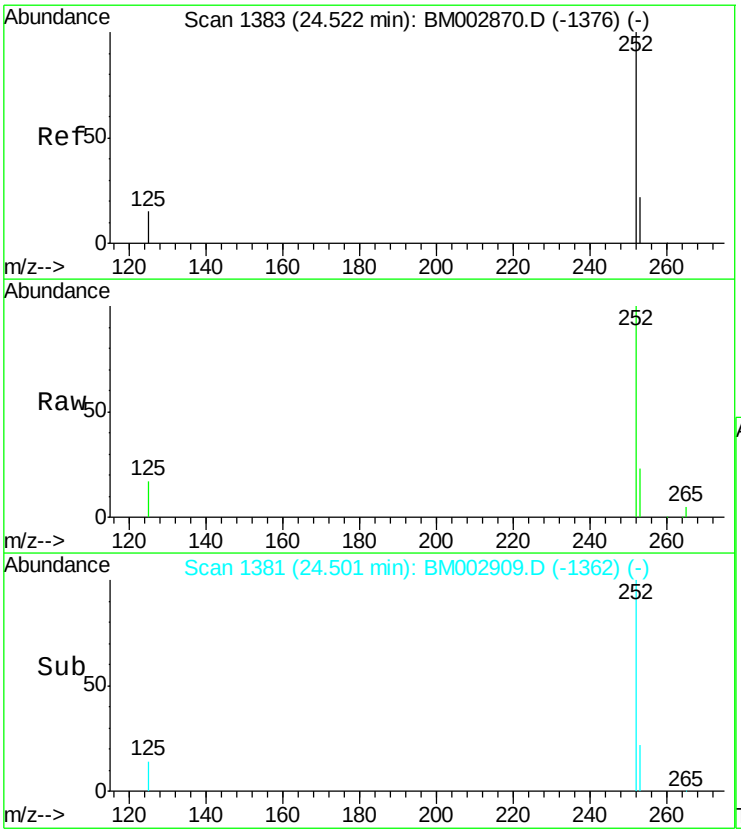
#37
Benzo(k)fluoranthene
Concen: 0.50 ng
RT: 23.88 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 50264

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	15.1	12.3	18.5

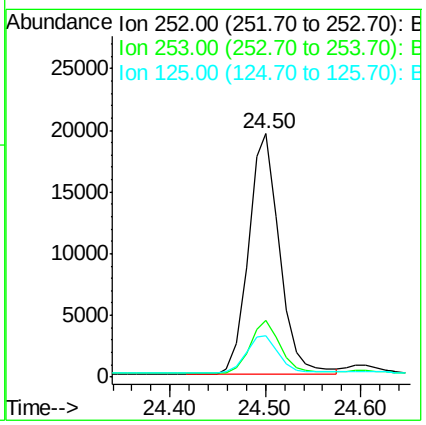


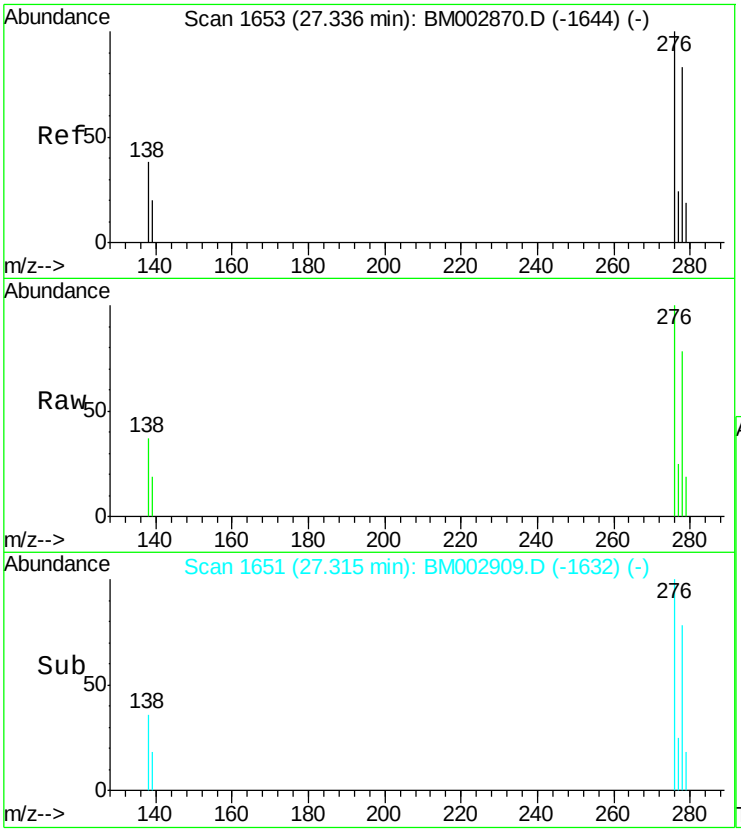


#38
Benzo(a)pyrene
Concen: 0.47 ng
RT: 24.50 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Tgt Ion:252 Resp: 44428

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	16.8	13.3	19.9



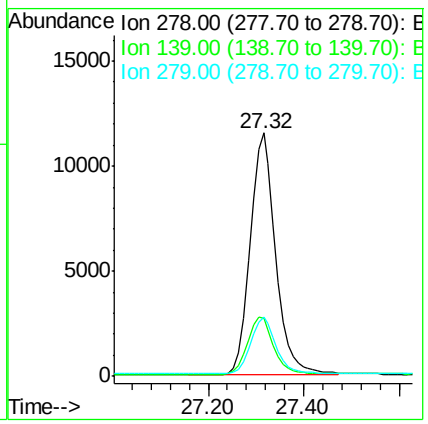


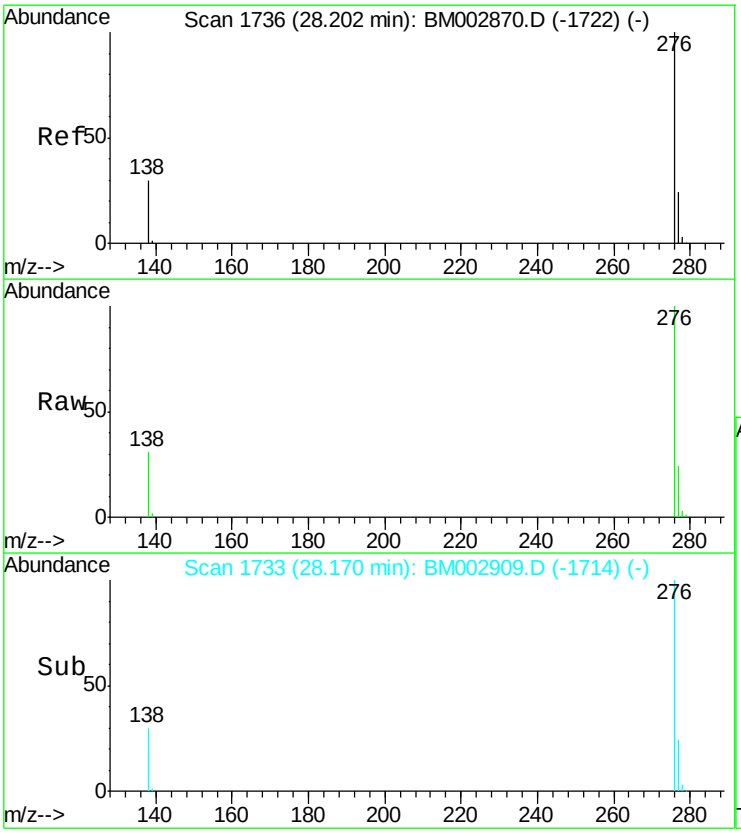
#39
Dibenzo(a,h)anthracene
Concen: 0.46 ng
RT: 27.32 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:278 Resp: 43123

Ion	Ratio	Lower	Upper
278	100		
139	24.0	19.8	29.6
279	24.2	19.1	28.7





#40
Benzo(g,h,i)perylene
Concen: 0.48 ng
RT: 28.17 min Scan# 1733
Delta R.T. 0.00 min
Lab File: BM002909.D
Acq: 15 Oct 2015 11:36

Tgt Ion:276 Resp: 45581

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.0
138	31.3	24.4	36.6