Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112715\
Data File : BM003314.D
Acq On : 27 Nov 2015 20:57
Operator : UM/IZ
Sample : G4510-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-14A-111815

Quant Time: Nov 27 22:28:05 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM112715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 27 16:36:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	52184	5.00	ng		0.00
7) Naphthalene-d8	10.52	136	207608	5.00	ng		0.00
13) Acenaphthene-d10	14.38	164	108443	5.00	ng		0.00
19) Phenanthrene-d10	17.12	188	252794	5.00	ng		0.00
26) Chrysene-d12	21.32	240	218403	5.00	ng		0.00
35) Perylene-d12	23.58	264	172640	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	37600	3.65	ng		0.00
5) Phenol-d6	6.90	99	30156	2.55	ng		0.00
8) Nitrobenzene-d5	8.90	82	32446	3.51	ng		0.00
14) 2,4,6-Tribromophenol	15.87	330	23413	9.26	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	123297	3.52	ng		0.00
29) Terphenyl-d14	19.76	244	125816	4.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	7007	1.52	ng	#	1
3) n-Nitrosodimethylamine	3.46	42	215	0.04	ng	#	1
6) bis(2-Chloroethyl)ether	7.05	93	95	0.01	ng	#	22
9) Nitrobenzene	8.93	77	237	0.02	ng	#	41
10) Naphthalene	10.58	128	34043	0.76	ng	#	96
12) 2-Methylnaphthalene	12.19	142	20904	0.74	ng		96
16) Acenaphthylene	14.09	152	716	0.02	ng	#	4
17) Acenaphthene	14.38	154	489	0.02	ng	#	100
18) Fluorene	15.42	166	2175	0.07	ng	#	94
20) 4-Bromophenyl-phenylether	16.30	248	14	0.21	ng	#	6
21) Hexachlorobenzene	16.43	284	14	0.00	ng	#	1
22) Pentachlorophenol	16.79	266	797	0.37	ng	#	82
23) Phenanthrene	17.15	178	1523	0.12	ng	#	41
24) Anthracene	17.25	178	716	0.02	ng	#	77
25) Fluoranthene	19.18	202	265	0.00	ng	#	10
27) Benzidine	19.37	184	449	0.16	ng	#	1
28) Pyrene	19.56	202	299	0.00	ng	#	58
30) Benzo(a)anthracene	21.32	228	1450	0.03	ng	#	63
31) 3,3'-Dichlorobenzidine	21.26	252	108	0.17	ng	#	64
32) Chrysene	21.32	228	1425	0.03	ng	#	71
33) Bis(2-ethylhexyl)phthalate	21.24	149	2543	0.15	ng	#	94
34) Indeno(1,2,3-cd)pyrene	25.85	276	2781	0.05	ng	#	76
36) Benzo(b)fluoranthene	22.89	252	580	0.01	ng	#	1
37) Benzo(k)fluoranthene	22.95	252	455	0.01	ng	#	1
38) Benzo(a)pyrene	23.48	252	620	0.02	ng	#	1
39) Dibenzo(a,h)anthracene	25.88	278	3072	0.09	ng	#	78
40) Benzo(g,h,i)perylene	26.55	276	1542	0.04	ng	#	71

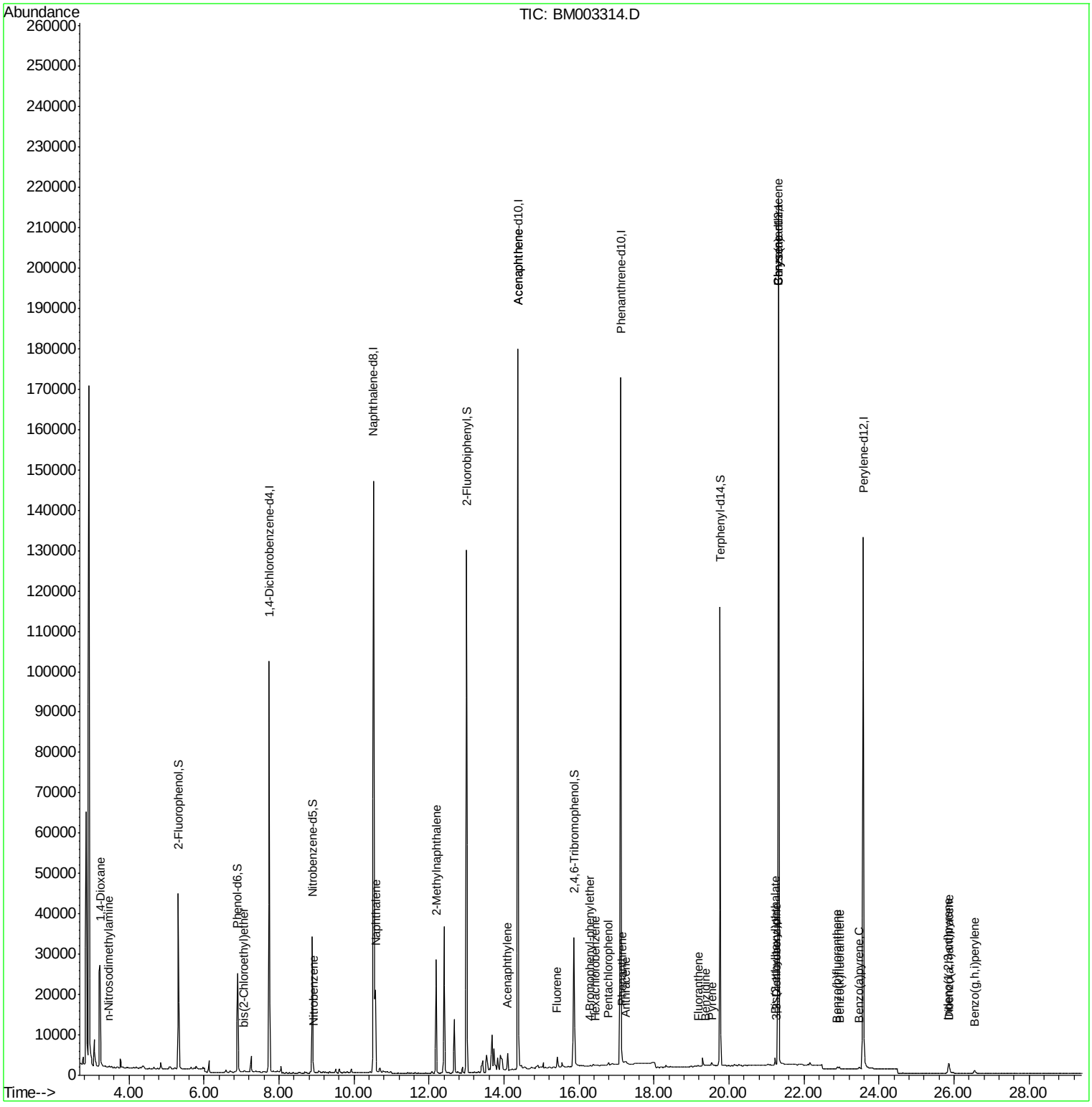
(#) = qualifier out of range (m) = manual integration (+) = signals summed

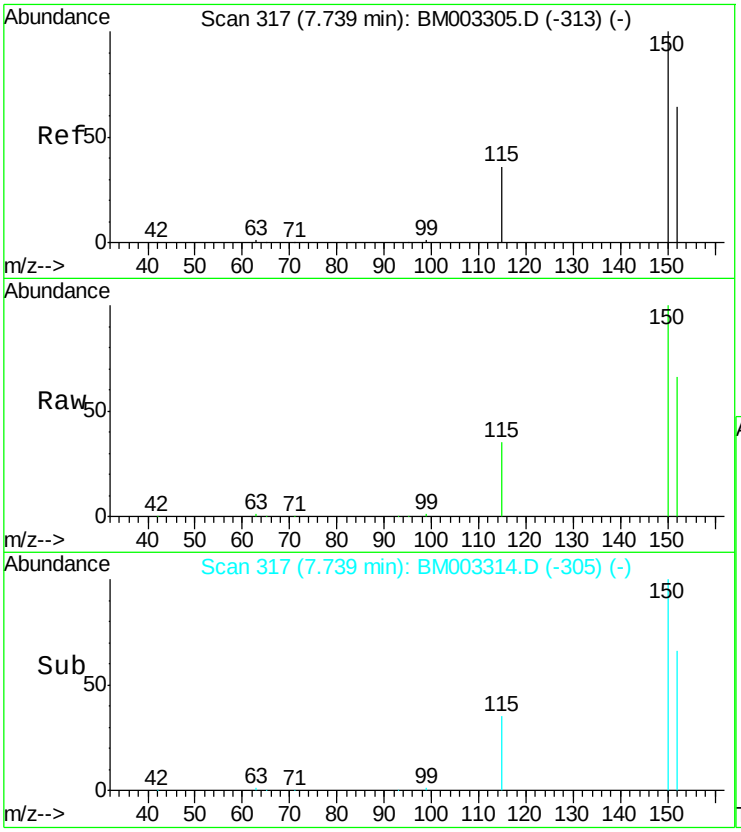
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112715\
Data File : BM003314.D
Acq On : 27 Nov 2015 20:57
Operator : UM/IZ
Sample : G4510-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-14A-111815

Quant Time: Nov 27 22:28:05 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM112715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 27 16:36:40 2015
Response via : Initial Calibration



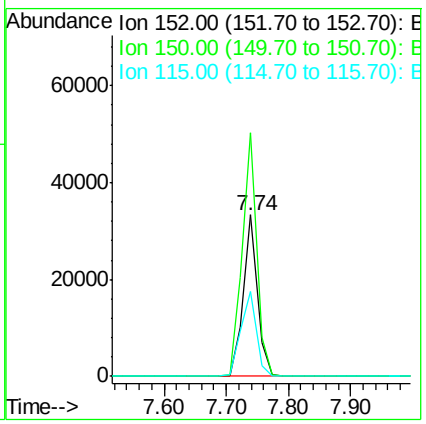


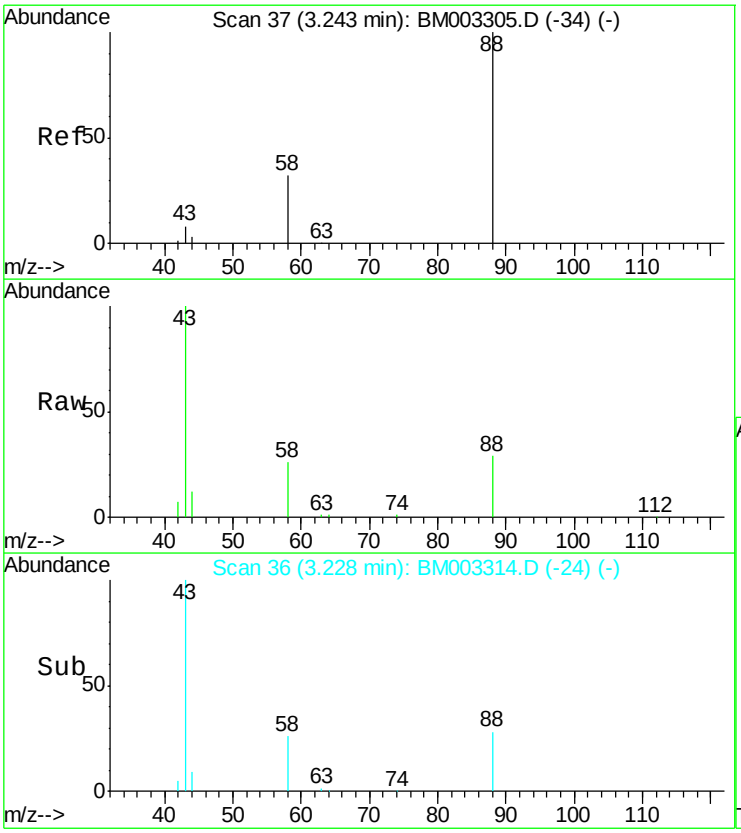
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.74 min Scan# 317
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Instrument :
BNA_M
ClientSampleId :
MW-14A-111815

Tgt Ion:152 Resp: 52184

Ion	Ratio	Lower	Upper
152	100		
150	150.8	143.6	215.4
115	52.3	58.5	87.7#

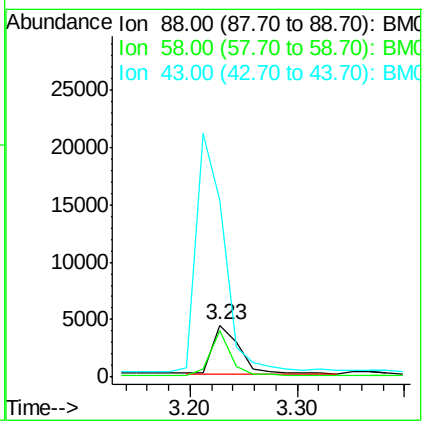


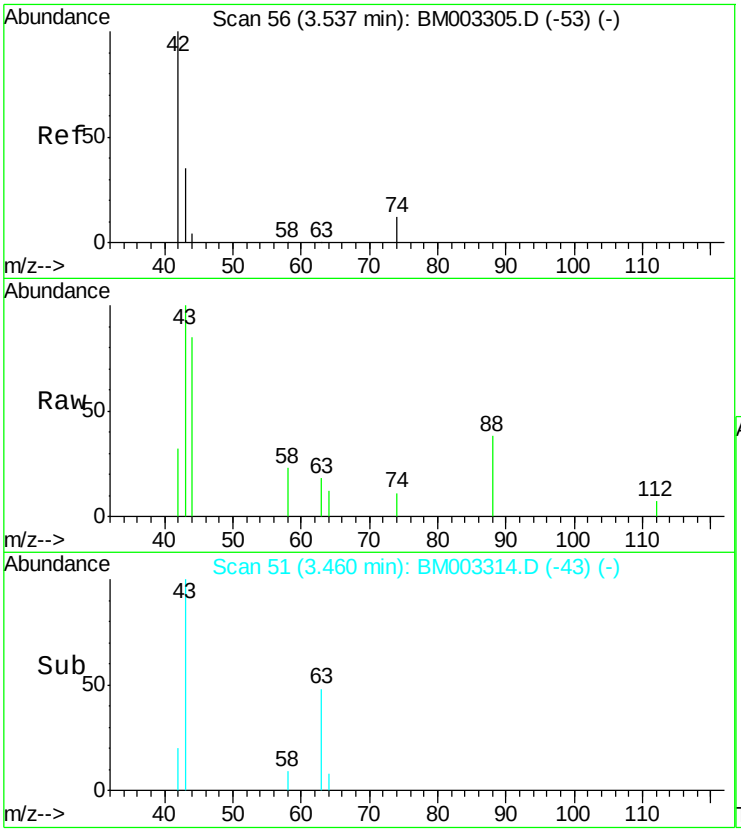


#2
1,4-Dioxane
Concen: 1.52 ng
RT: 3.23 min Scan# 36
Delta R.T. -0.02 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Tgt Ion: 88 Resp: 7007

Ion	Ratio	Lower	Upper
88	100		
58	72.6	55.2	82.8
43	531.7	21.8	32.6#



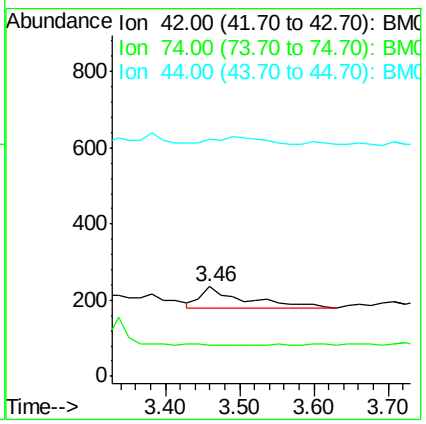


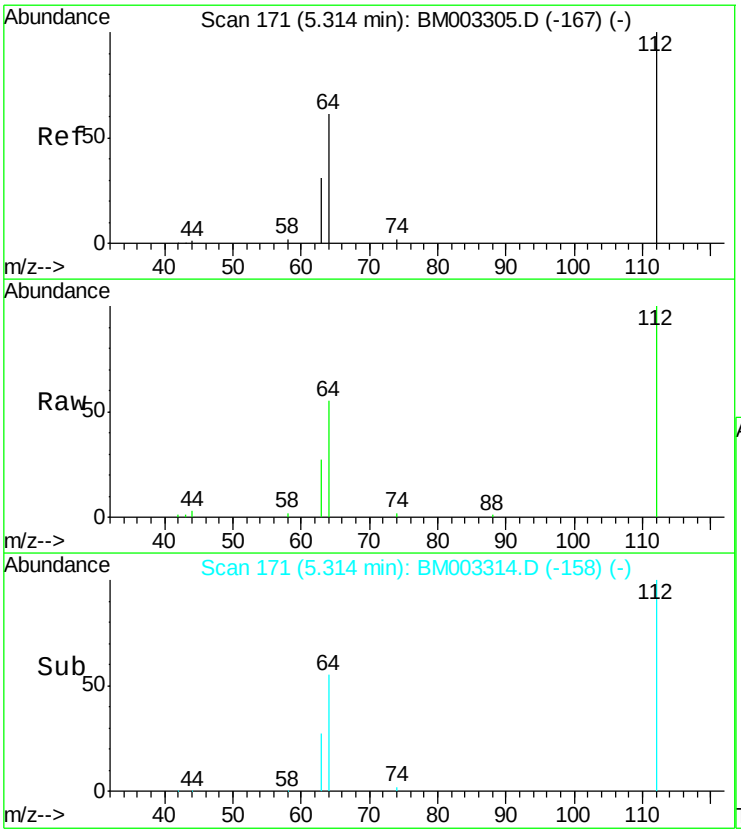
#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.46 min Scan# 51
Delta R.T. -0.08 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Instrument :
BNA_M
ClientSampleId :
MW-14A-111815

Tgt Ion: 42 Resp: 215

Ion	Ratio	Lower	Upper
42	100		
74	0.0	101.0	151.4#
44	0.0	6.3	9.5#

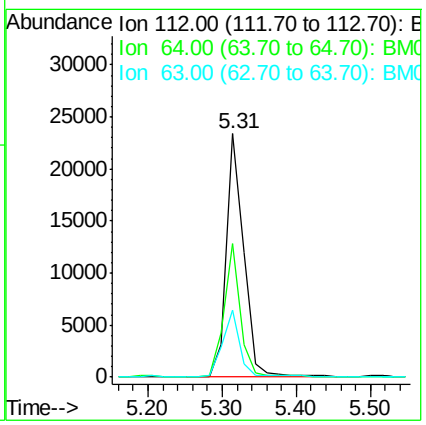


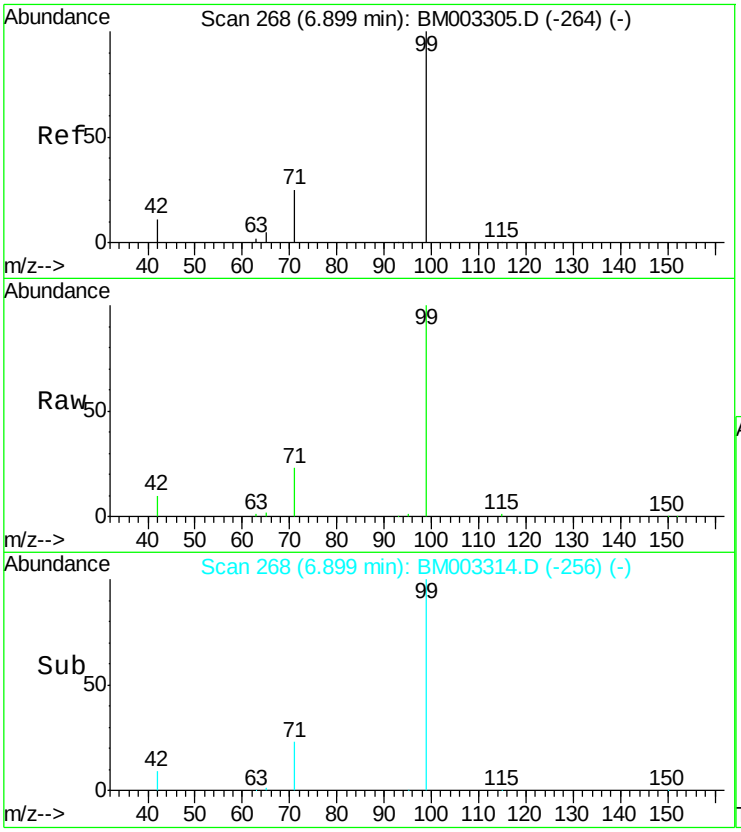


#4
2-Fluorophenol
Concen: 3.65 ng
RT: 5.31 min Scan# 171
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Tgt Ion:112 Resp: 37600

Ion	Ratio	Lower	Upper
112	100		
64	51.2	41.2	61.8
63	26.6	21.2	31.8



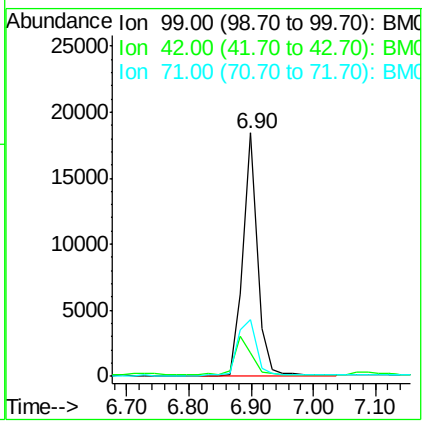


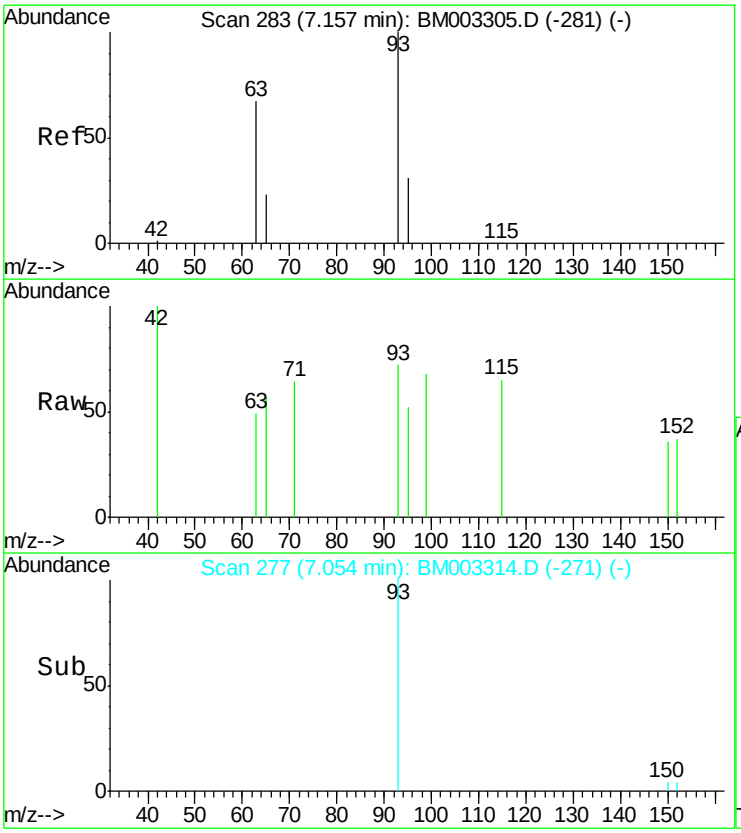
#5
Phenol-d6
Concen: 2.55 ng
RT: 6.90 min Scan# 268
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Instrument :
BNA_M
ClientSampleId :
MW-14A-111815

Tgt Ion: 99 Resp: 30156

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.6	22.0
71	29.8	23.3	34.9

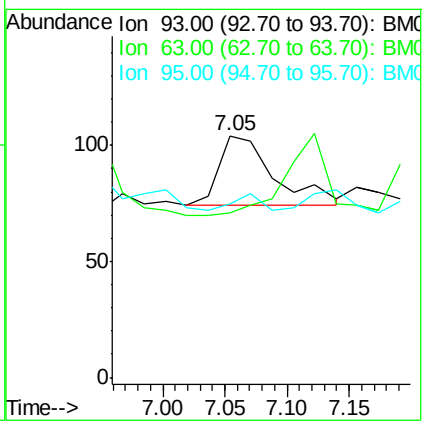


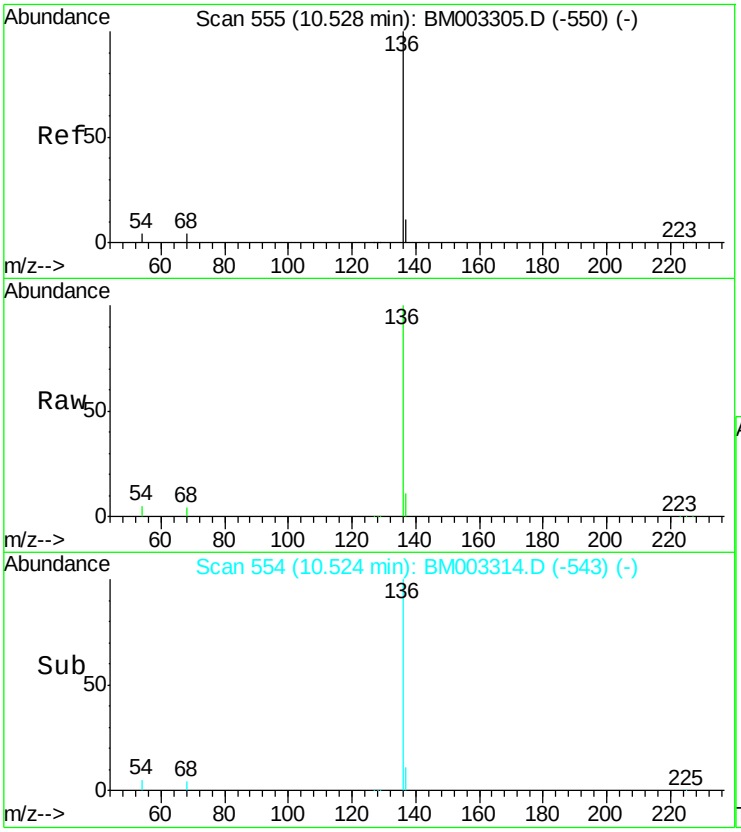


#6
bis(2-Chloroethyl)ether
Concen: 0.01 ng
RT: 7.05 min Scan# 277
Delta R.T. -0.10 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Tgt Ion: 93 Resp: 95

Ion	Ratio	Lower	Upper
93	100		
63	0.0	58.2	87.4#
95	0.0	26.2	39.4#



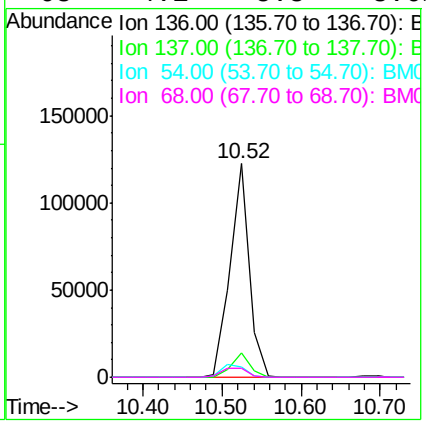


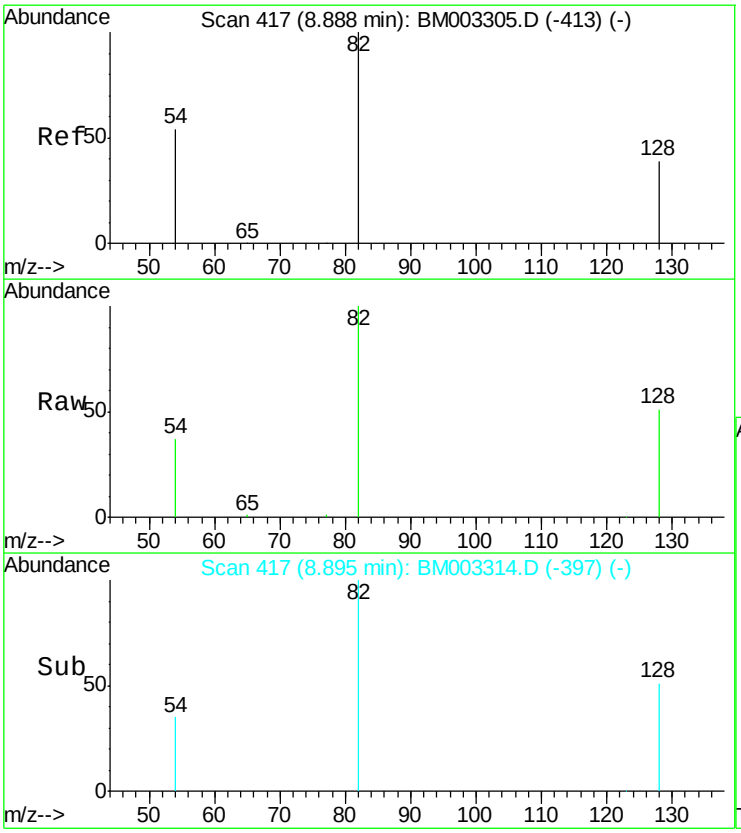
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.52 min Scan# 554
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Instrument :
BNA_M
ClientSampleId :
MW-14A-111815

Tgt Ion:136 Resp: 207608

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.0	12.0
54	4.7	7.4	11.0#
68	4.1	5.8	8.6#

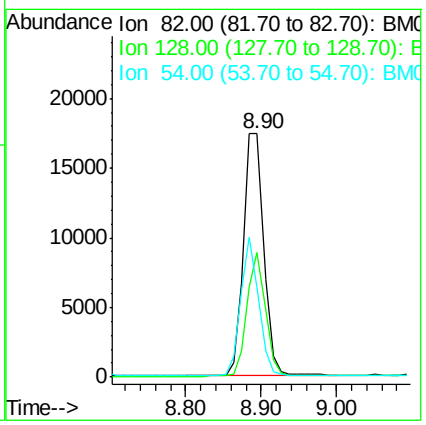


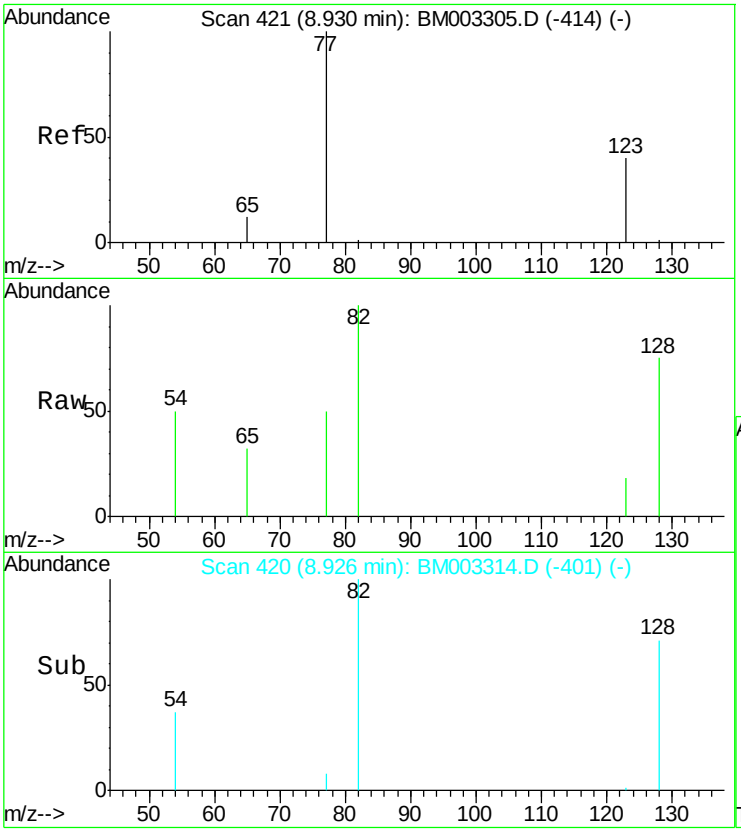


#8
Nitrobenzene-d5
Concen: 3.51 ng
RT: 8.90 min Scan# 417
Delta R.T. 0.01 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Tgt Ion: 82 Resp: 32446

Ion	Ratio	Lower	Upper
82	100		
128	51.1	35.2	52.8
54	36.8	36.4	54.6



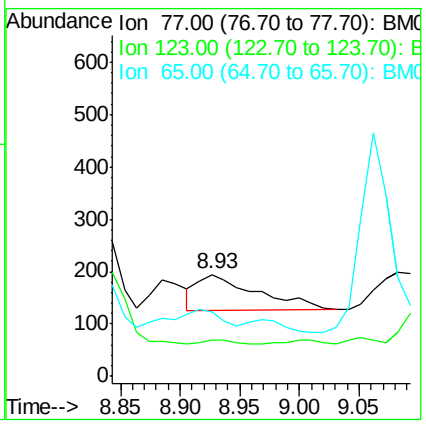


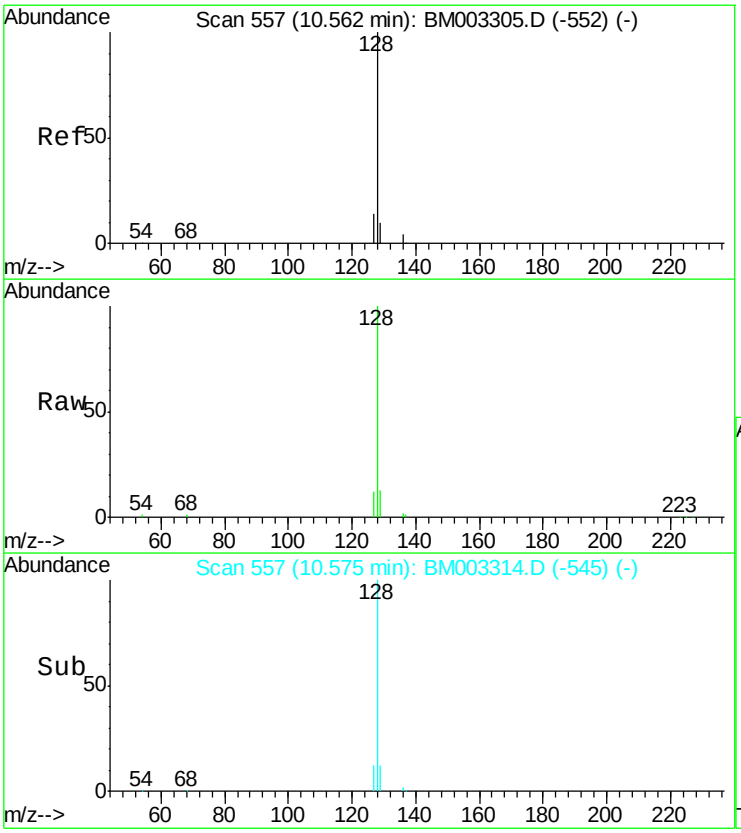
#9
Nitrobenzene
Concen: 0.02 ng
RT: 8.93 min Scan# 420
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Instrument :
BNA_M
ClientSampleId :
MW-14A-111815

Tgt Ion: 77 Resp: 237

Ion	Ratio	Lower	Upper
77	100		
123	9.3	37.7	56.5#
65	38.8	9.8	14.6#

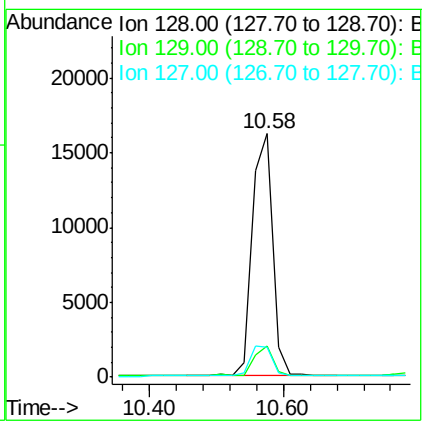


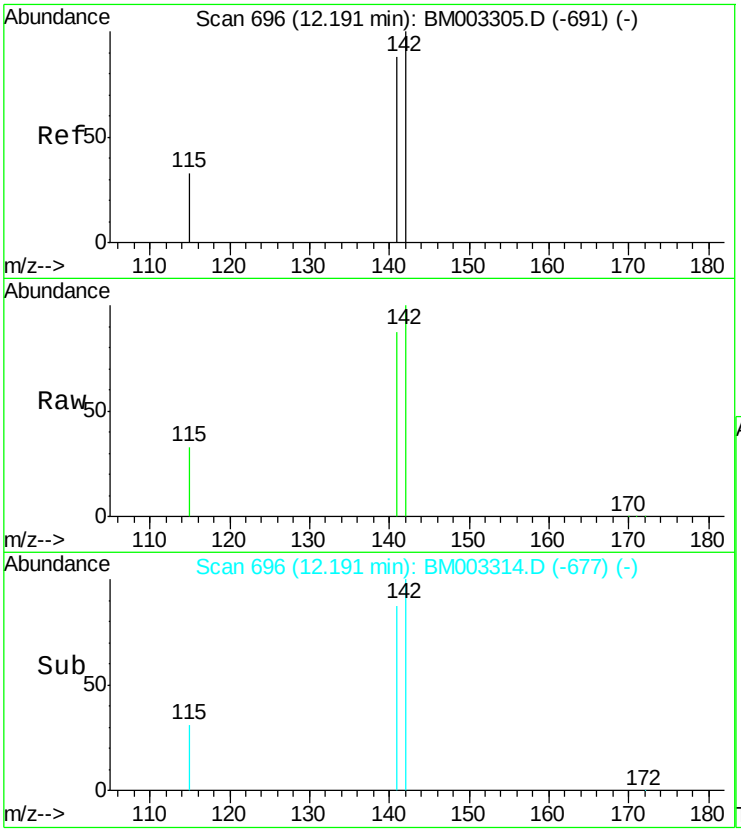


#10
Naphthalene
Concen: 0.76 ng
RT: 10.58 min Scan# 557
Delta R.T. 0.01 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Tgt Ion:128 Resp: 34043

Ion	Ratio	Lower	Upper
128	100		
129	12.8	8.5	12.7#
127	12.1	10.6	16.0



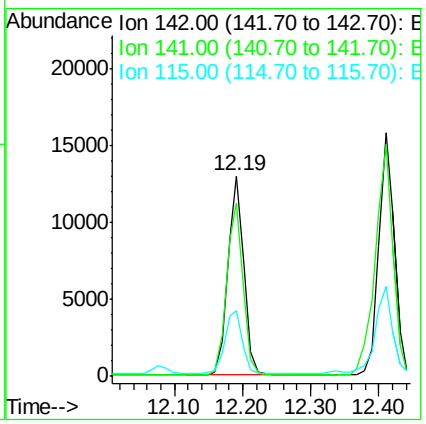


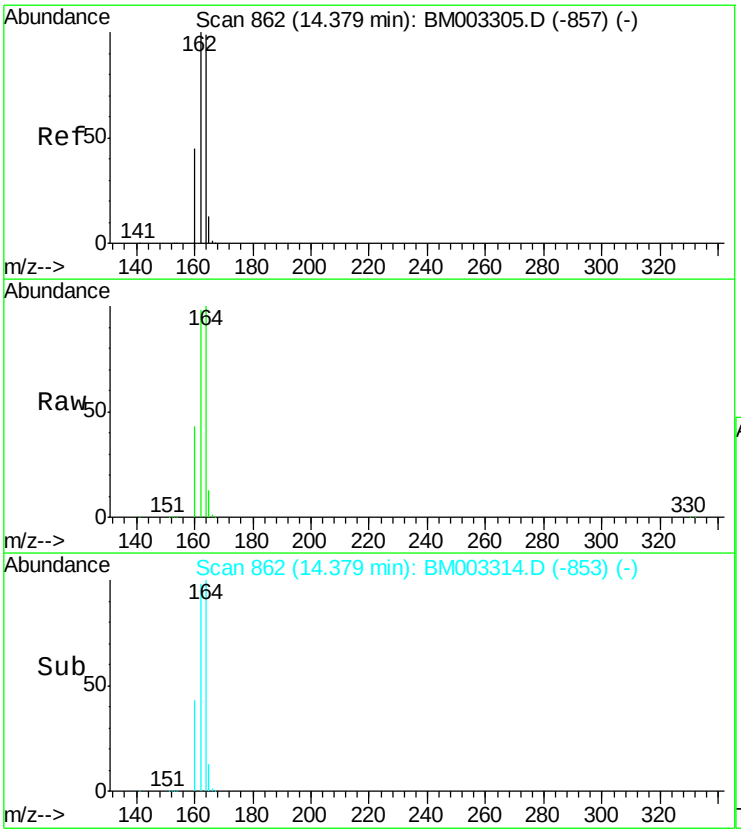
#12
2-Methylnaphthalene
Concen: 0.74 ng
RT: 12.19 min Scan# 696
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Instrument :
BNA_M
ClientSampleId :
MW-14A-111815

Tgt Ion:142 Resp: 20904

Ion	Ratio	Lower	Upper
142	100		
141	86.7	72.2	108.2
115	32.8	28.0	42.0

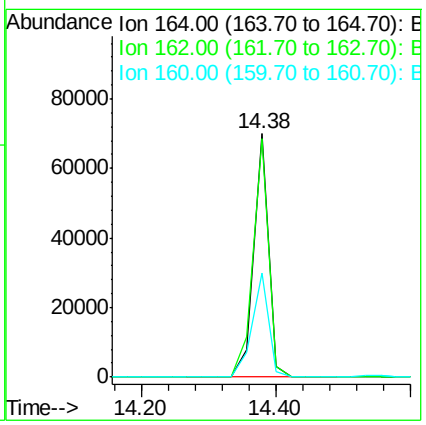


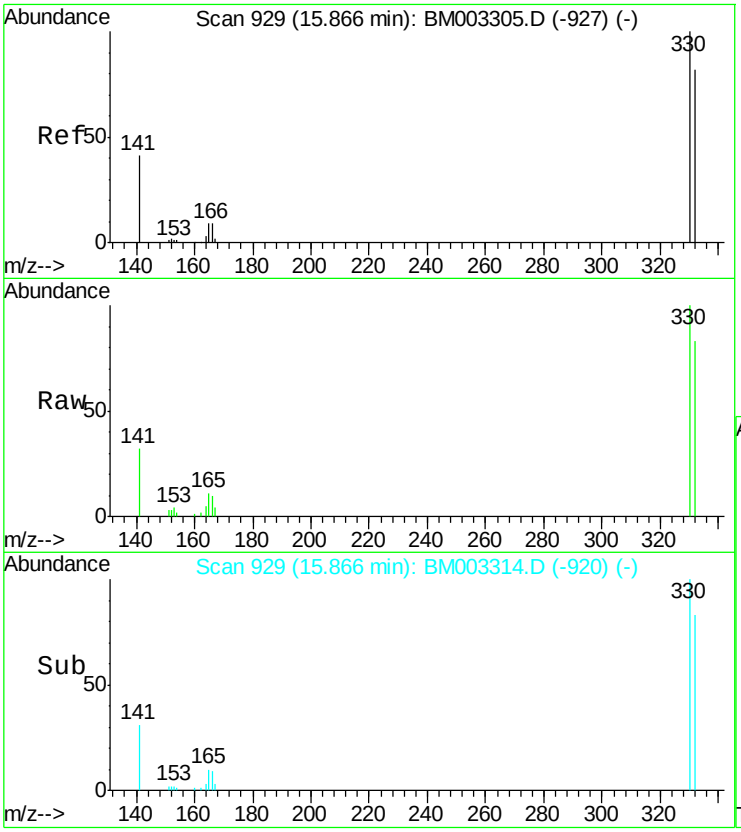


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.38 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Tgt Ion:164 Resp: 108443

Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.3	117.5
160	42.7	33.8	50.6



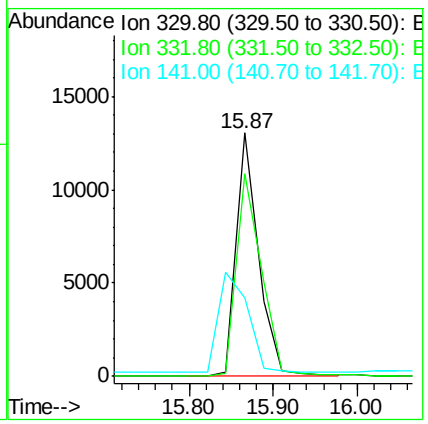


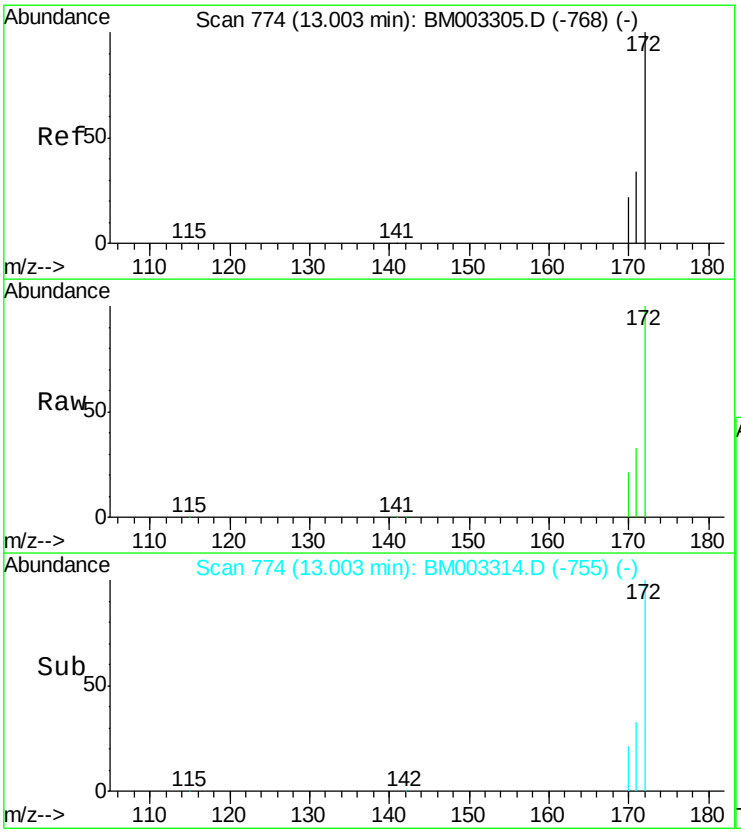
#14
2,4,6-Tribromophenol
Concen: 9.26 ng
RT: 15.87 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Instrument :
BNA_M
ClientSampleId :
MW-14A-111815

Tgt Ion:330 Resp: 23413

Ion	Ratio	Lower	Upper
330	100		
332	93.1	76.0	114.0
141	0.0	0.0	0.0

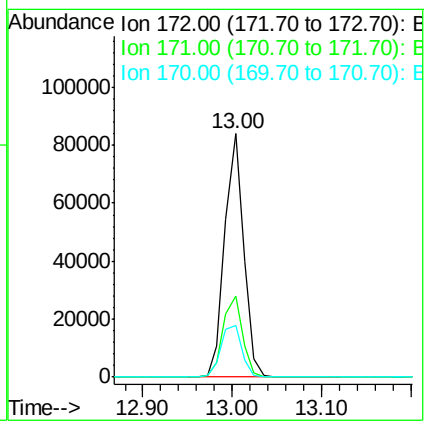


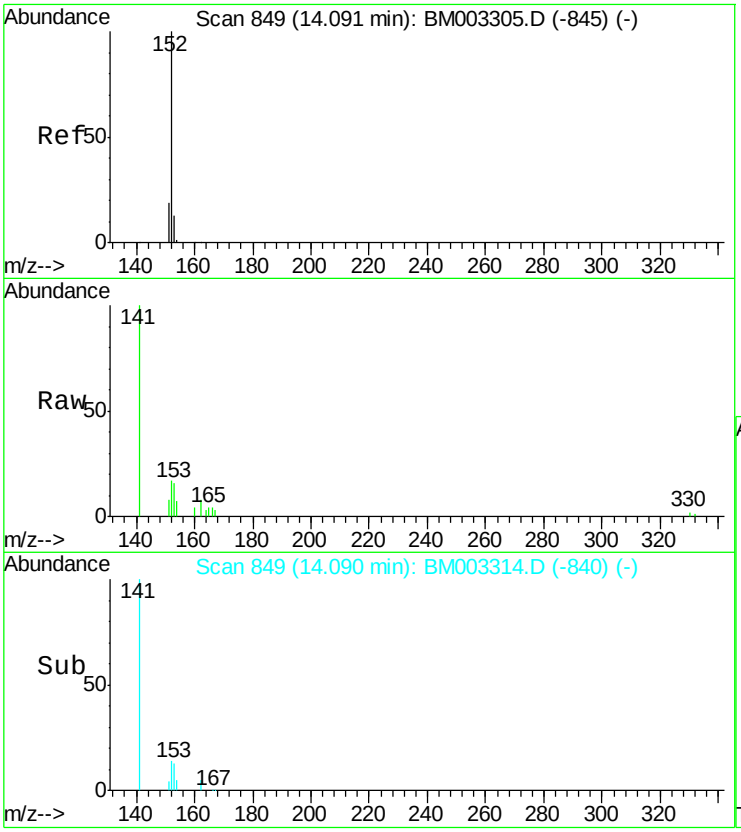


#15
2-Fluorobiphenyl
Concen: 3.52 ng
RT: 13.00 min Scan# 774
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Tgt Ion:172 Resp: 123297

Ion	Ratio	Lower	Upper
172	100		
171	33.1	28.0	42.0
170	21.1	18.9	28.3



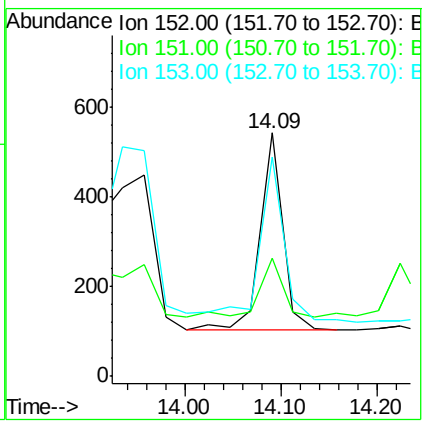


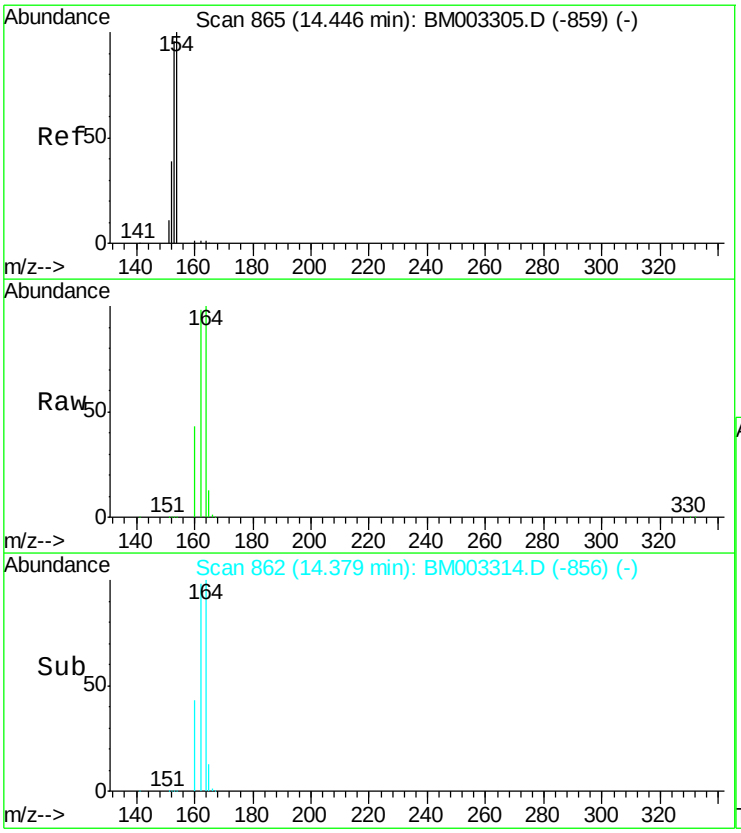
#16
Acenaphthylene
Concen: 0.02 ng
RT: 14.09 min Scan# 849
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Instrument :
BNA_M
ClientSampleId :
MW-14A-111815

Tgt Ion:152 Resp: 716

Ion	Ratio	Lower	Upper
152	100		
151	31.3	15.2	22.8#
153	91.5	10.4	15.6#

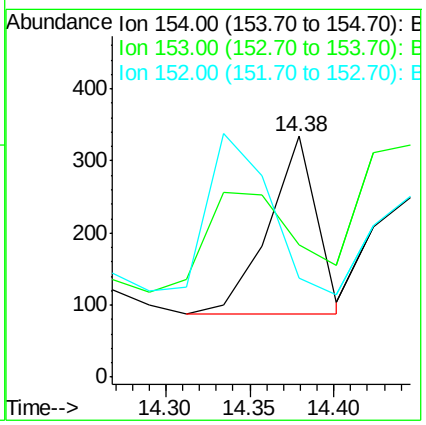


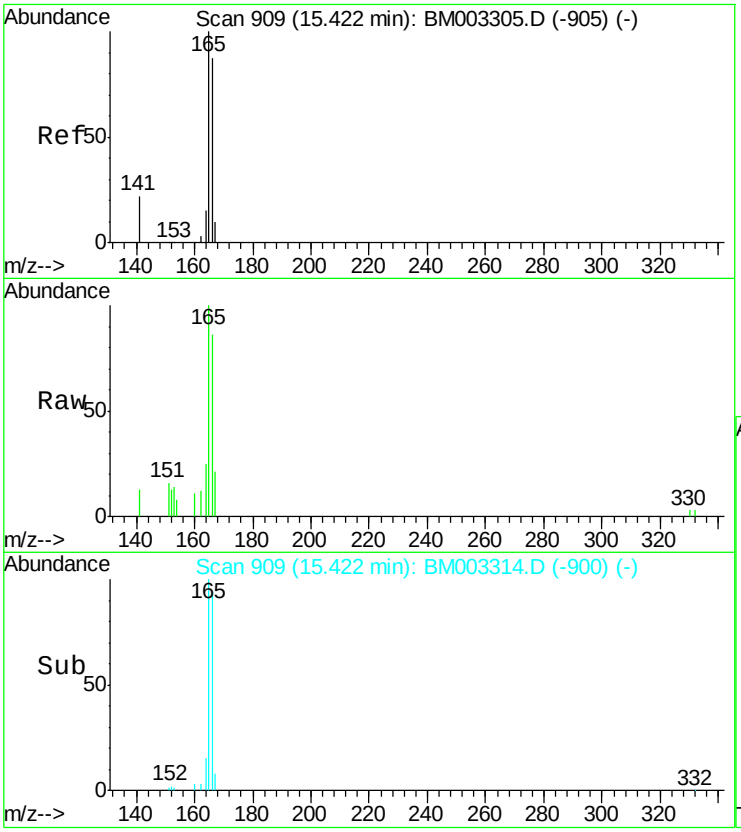


#17
Acenaphthene
Concen: 0.02 ng
RT: 14.38 min Scan# 862
Delta R.T. -0.07 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Tgt Ion:154 Resp: 489

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



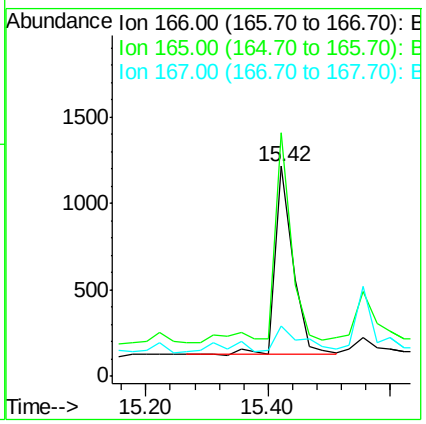


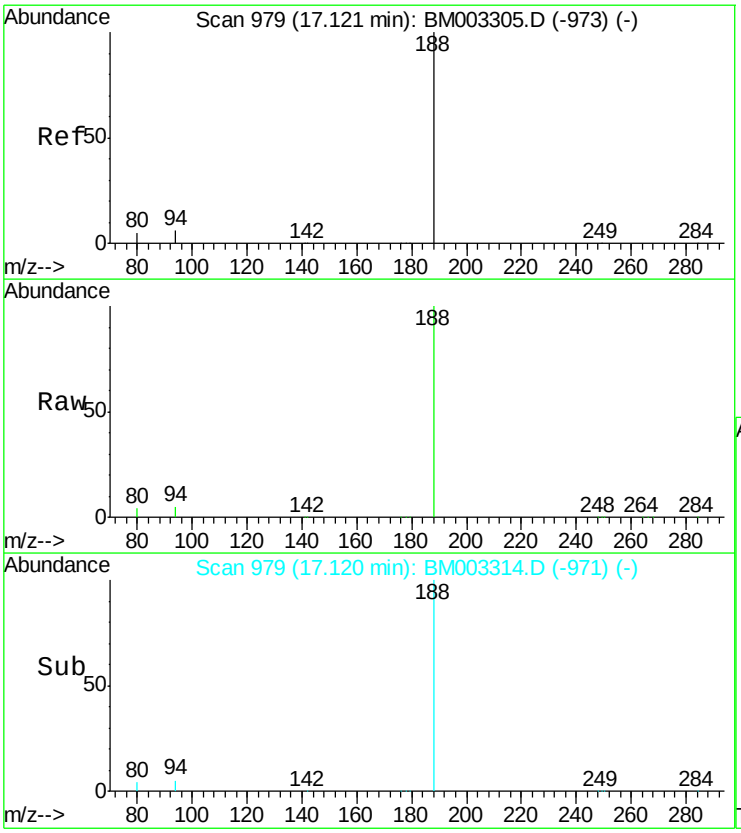
#18
Fluorene
Concen: 0.07 ng
RT: 15.42 min Scan# 909
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Instrument :
BNA_M
ClientSampleId :
MW-14A-111815

Tgt Ion:166 Resp: 2175

Ion	Ratio	Lower	Upper
166	100		
165	96.3	80.8	121.2
167	19.7	10.5	15.7#

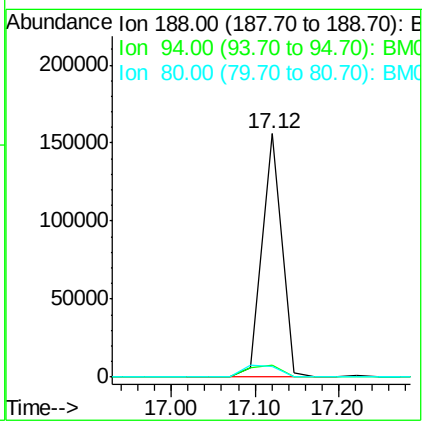


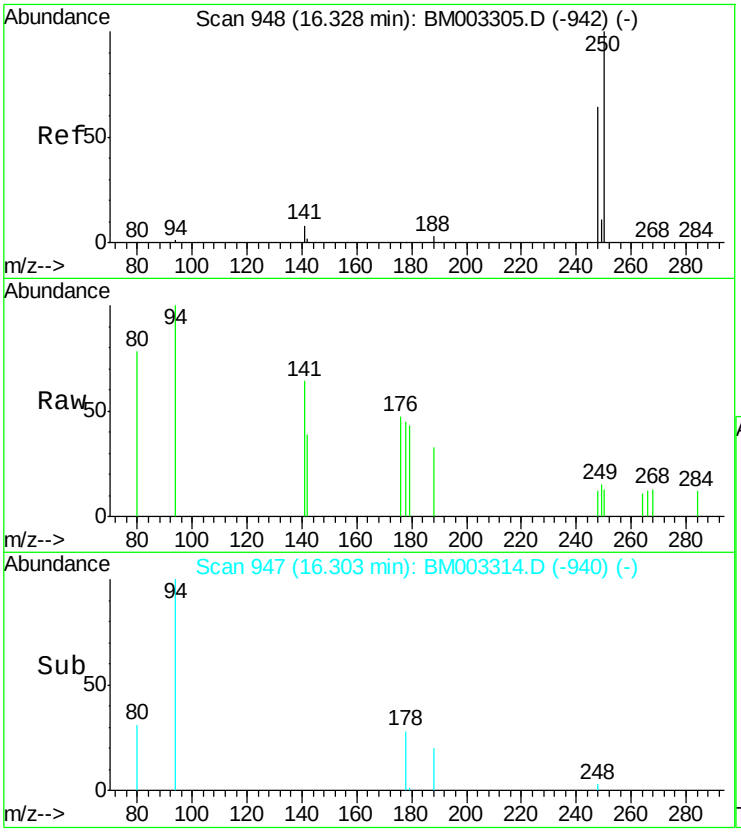


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.12 min Scan# 979
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Tgt Ion:188 Resp: 252794

Ion	Ratio	Lower	Upper
188	100		
94	5.1	1.8	2.6#
80	4.2	1.4	2.0#



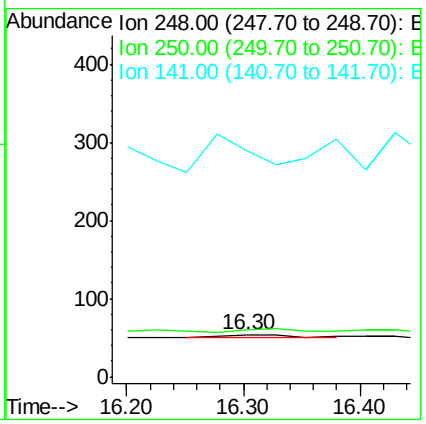


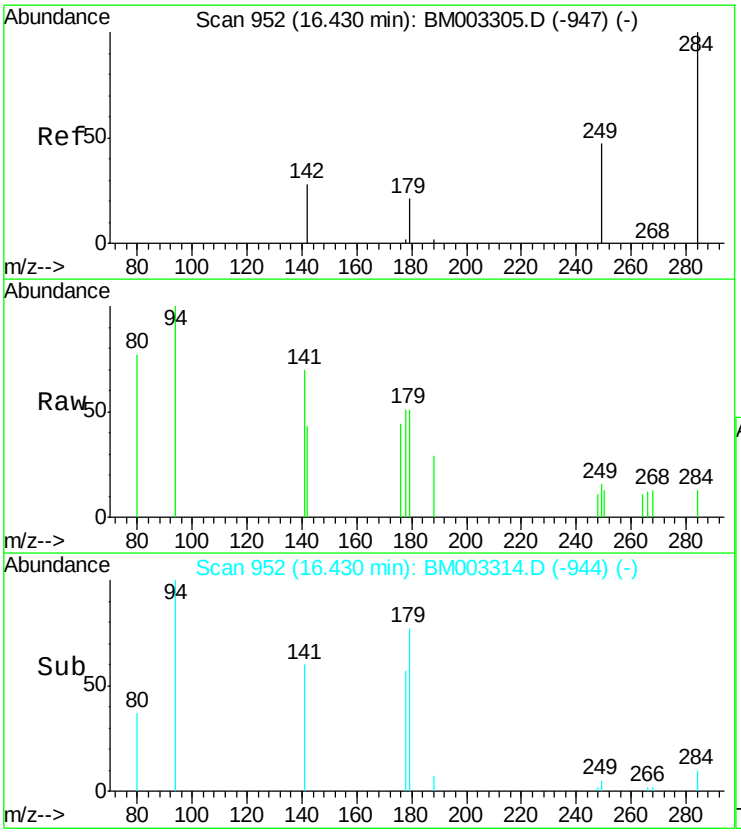
#20
4-Bromophenyl-phenylether
Concen: 0.21 ng
RT: 16.30 min Scan# 947
Delta R.T. -0.03 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Instrument :
BNA_M
ClientSampleId :
MW-14A-111815

Tgt Ion:248 Resp: 14

Ion	Ratio	Lower	Upper
248	100		
250	0.0	65.4	98.0#
141	0.0	72.8	109.2#

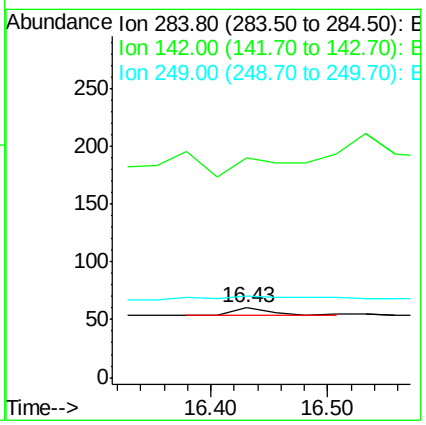


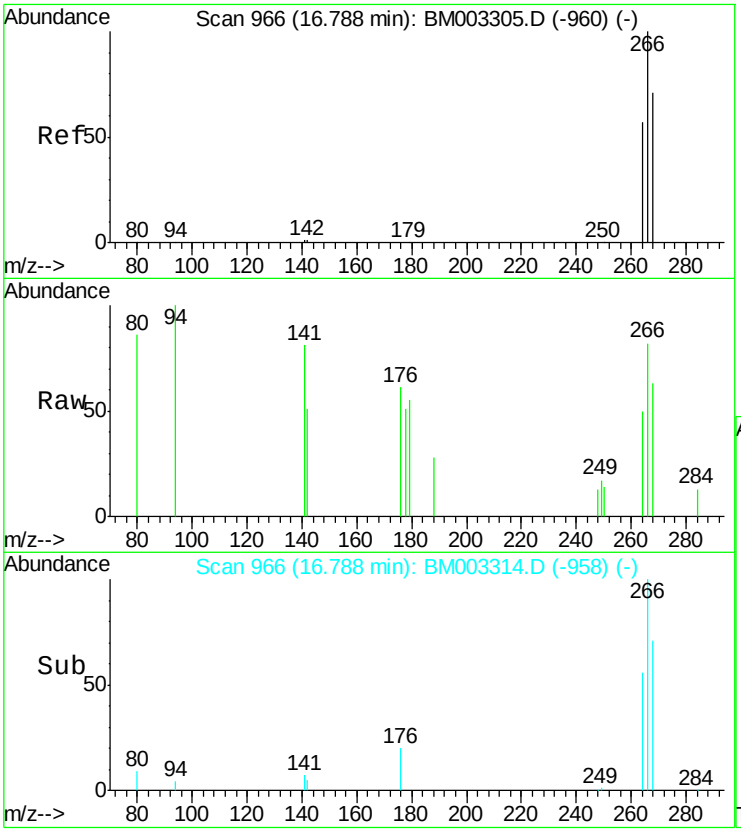


#21
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.43 min Scan# 952
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Tgt Ion:284 Resp: 14

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	364.3	19.4	29.2#



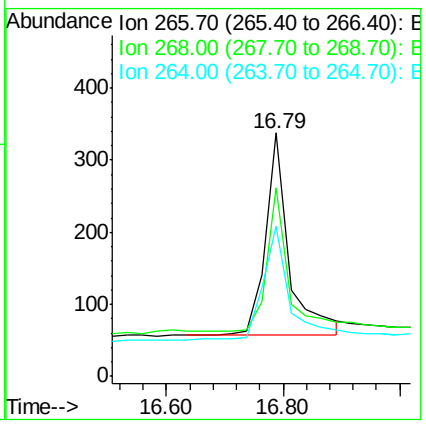


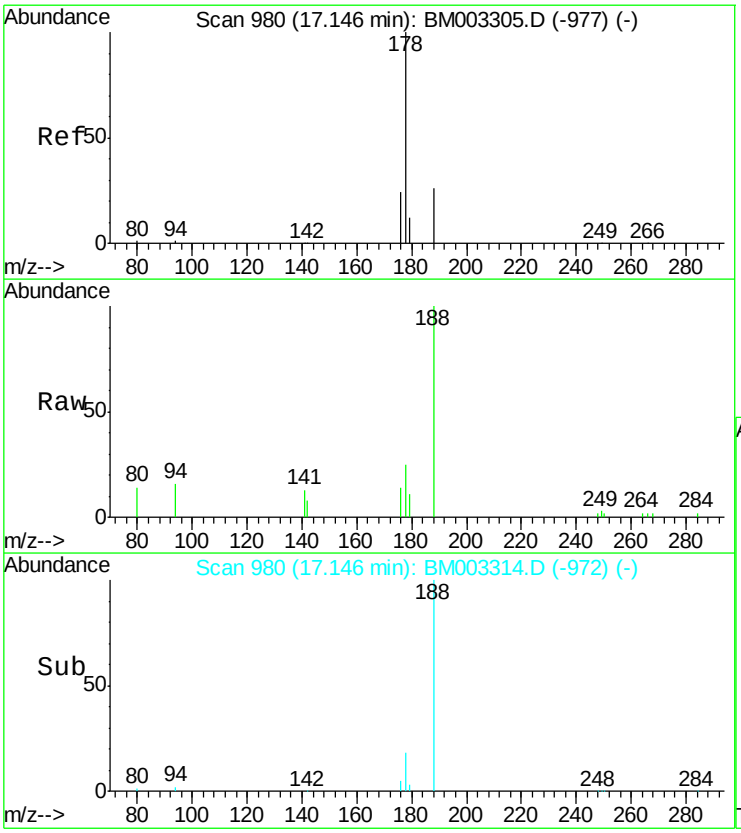
#22
Pentachlorophenol
Concen: 0.37 ng
RT: 16.79 min Scan# 966
Delta R.T. 0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Instrument :
BNA_M
ClientSampleId :
MW-14A-111815

Tgt Ion:266 Resp: 797

Ion	Ratio	Lower	Upper
266	100		
268	77.2	45.8	68.8#
264	61.5	56.7	85.1

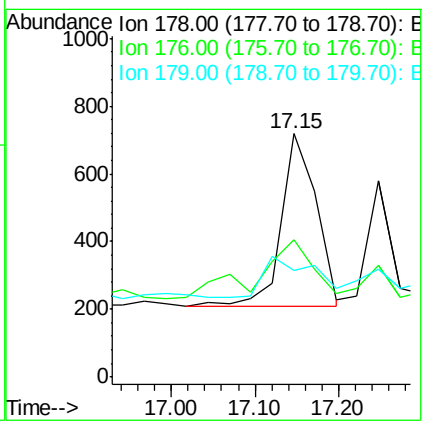


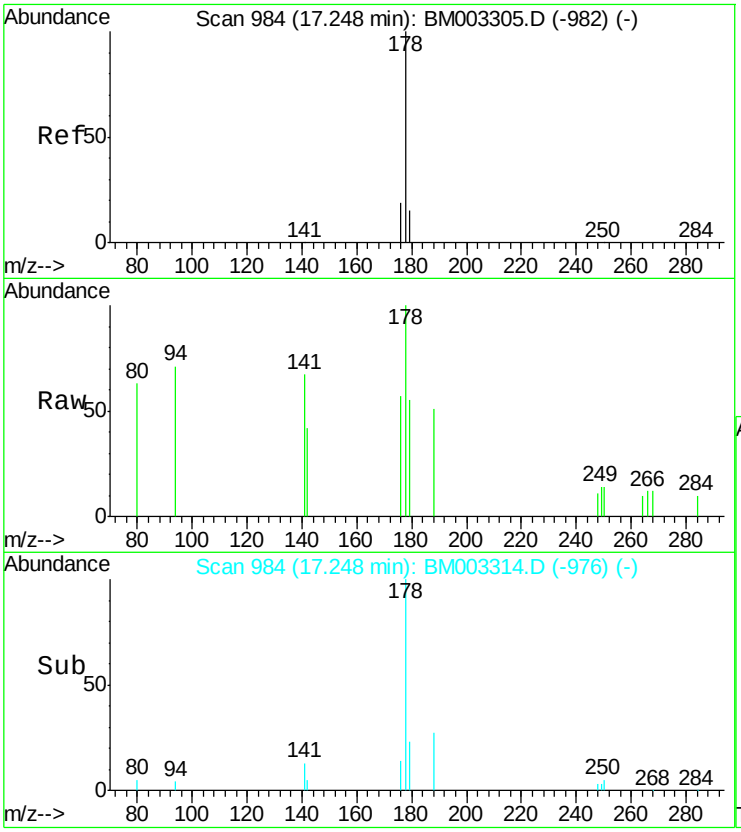


#23
Phenanthrene
Concen: 0.12 ng
RT: 17.15 min Scan# 980
Delta R.T. 0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Tgt Ion:178 Resp: 1523

Ion	Ratio	Lower	Upper
178	100		
176	54.8	15.9	23.9#
179	0.0	11.7	17.5#



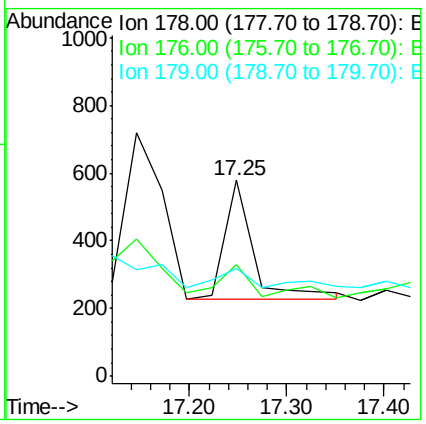


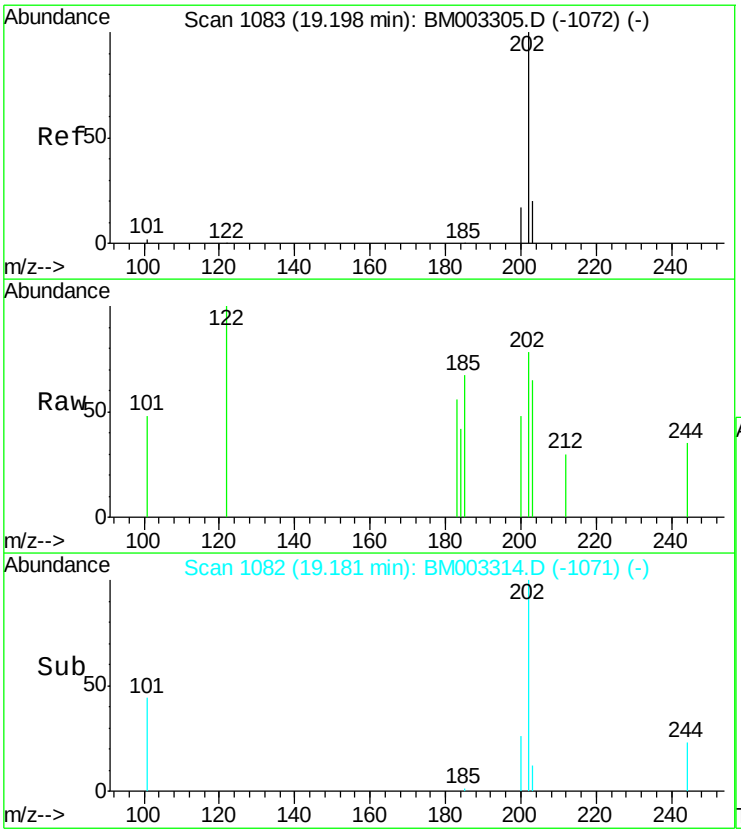
#24
Anthracene
Concen: 0.02 ng
RT: 17.25 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Instrument :
BNA_M
ClientSampleId :
MW-14A-111815

Tgt Ion:178 Resp: 716

Ion	Ratio	Lower	Upper
178	100		
176	13.7	14.1	21.1#
179	0.0	12.8	19.2#

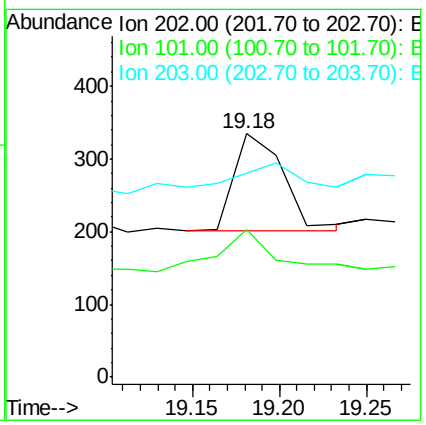


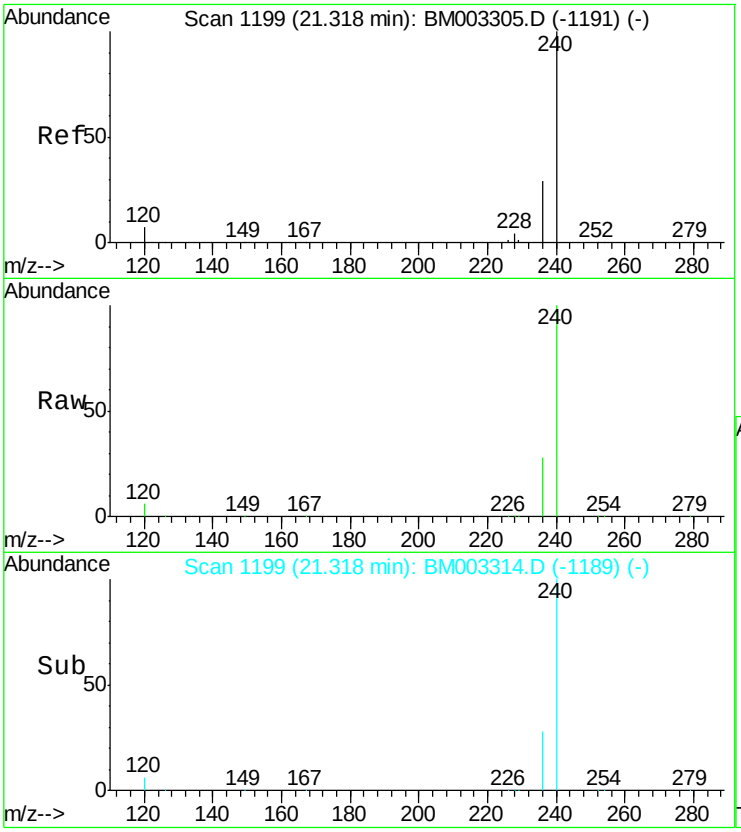


#25
Fluoranthene
Concen: 0.00 ng
RT: 19.18 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Tgt Ion:202 Resp: 265

Ion	Ratio	Lower	Upper
202	100		
101	52.8	9.9	14.9#
203	52.5	13.9	20.9#



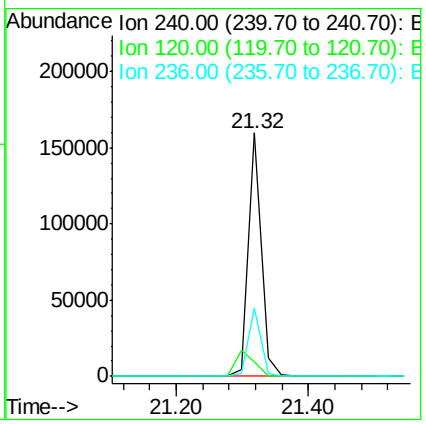


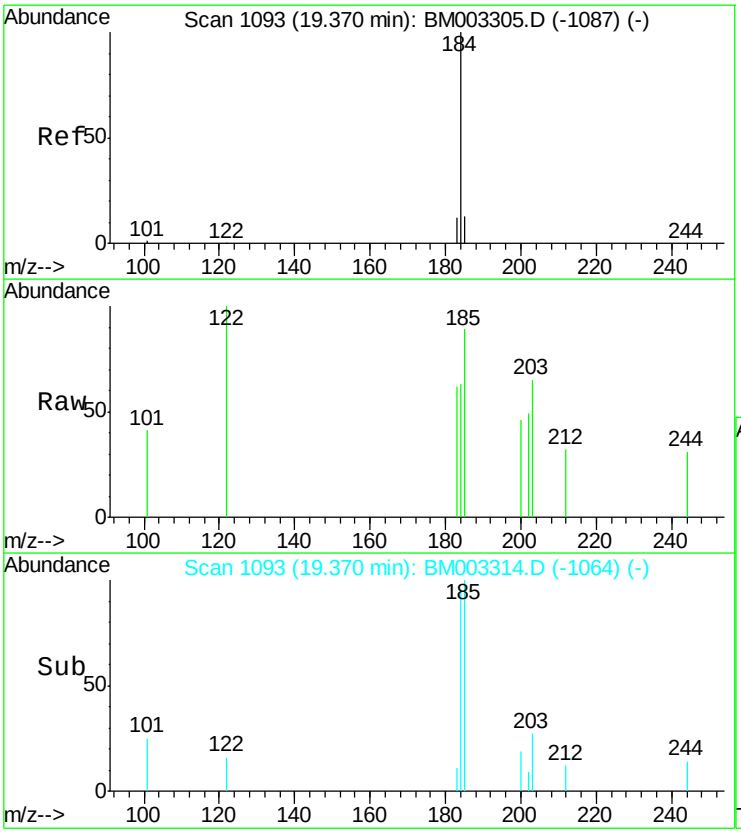
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.32 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Instrument :
BNA_M
ClientSampleId :
MW-14A-111815

Tgt Ion:240 Resp: 218403

Ion	Ratio	Lower	Upper
240	100		
120	5.9	1.0	1.4#
236	28.1	17.9	26.9#

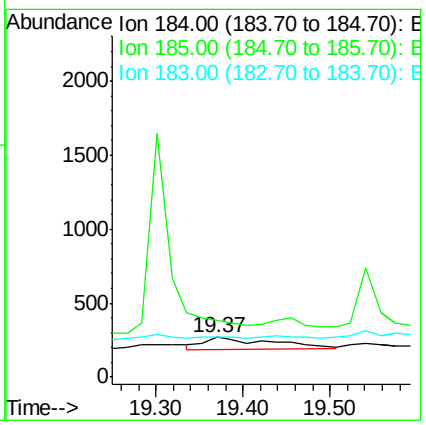


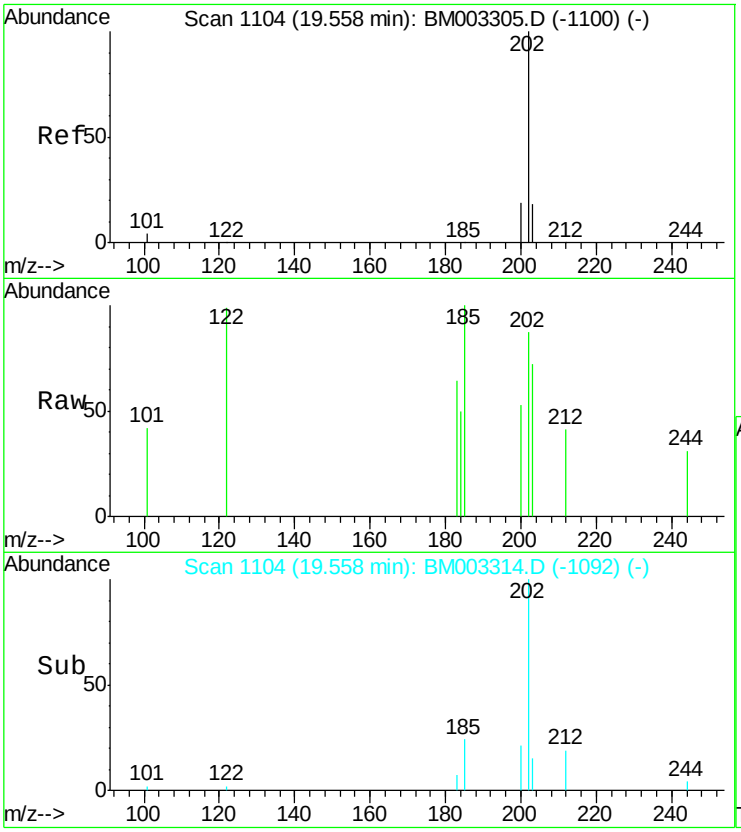


#27
Benzidine
Concen: 0.16 ng
RT: 19.37 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Tgt Ion:184 Resp: 449

Ion	Ratio	Lower	Upper
184	100		
185	142.2	11.6	17.4#
183	99.6	8.6	13.0#



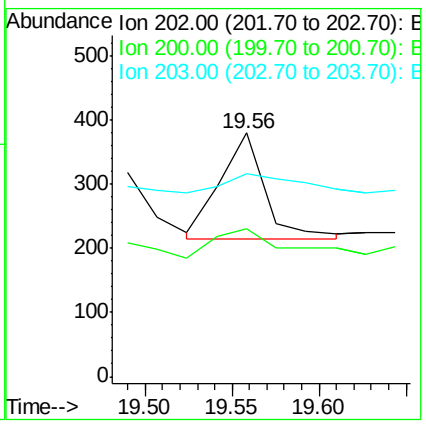


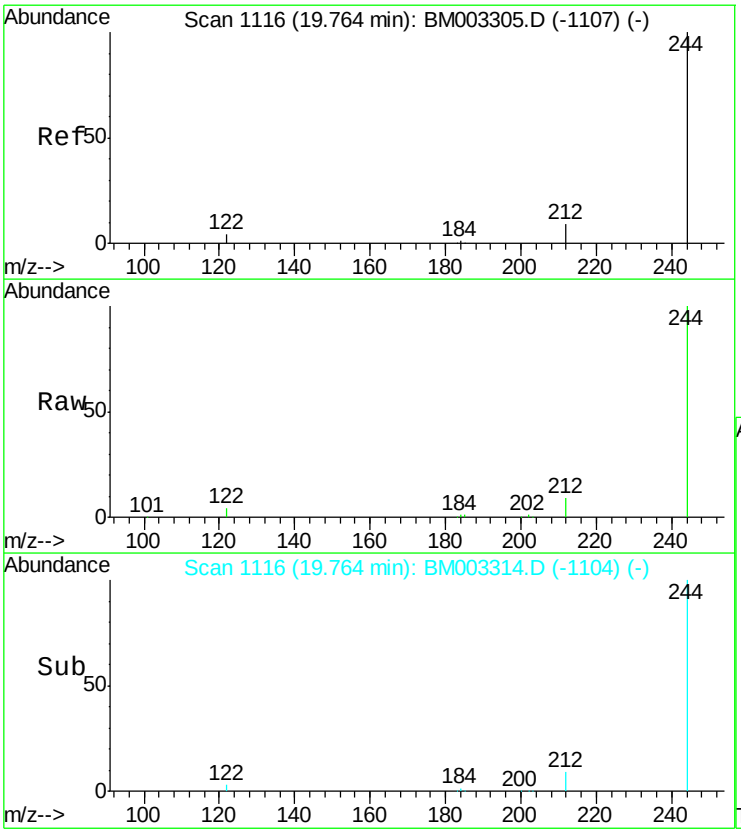
#28
Pyrene
Concen: 0.00 ng
RT: 19.56 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Instrument :
BNA_M
ClientSampleId :
MW-14A-111815

Tgt Ion:202 Resp: 299

Ion	Ratio	Lower	Upper
202	100		
200	44.8	16.7	25.1#
203	30.4	13.8	20.6#

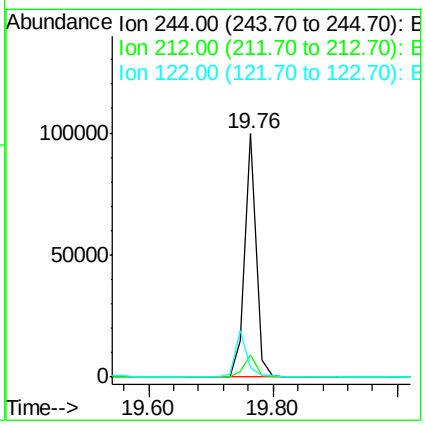


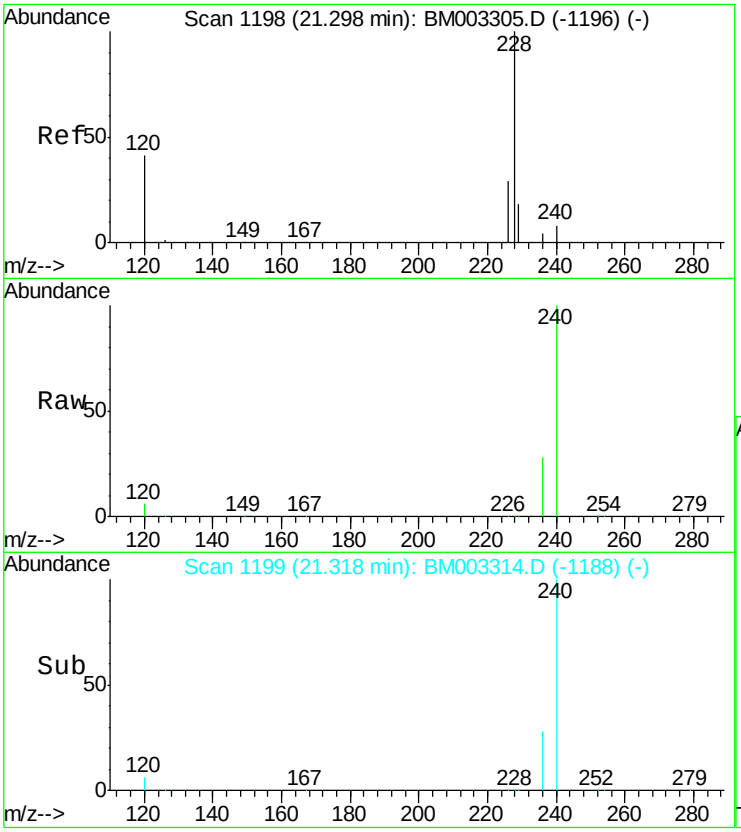


#29
Terphenyl-d14
Concen: 4.13 ng
RT: 19.76 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Tgt Ion:244 Resp: 125816

Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.5	9.7
122	3.9	2.0	3.0#



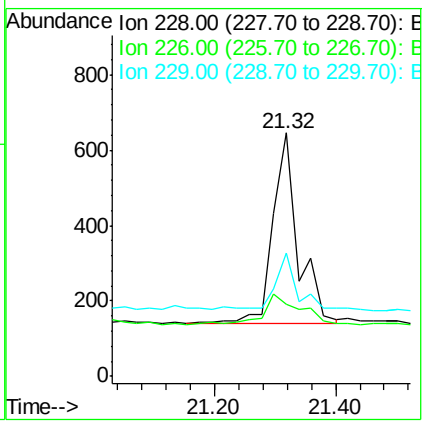


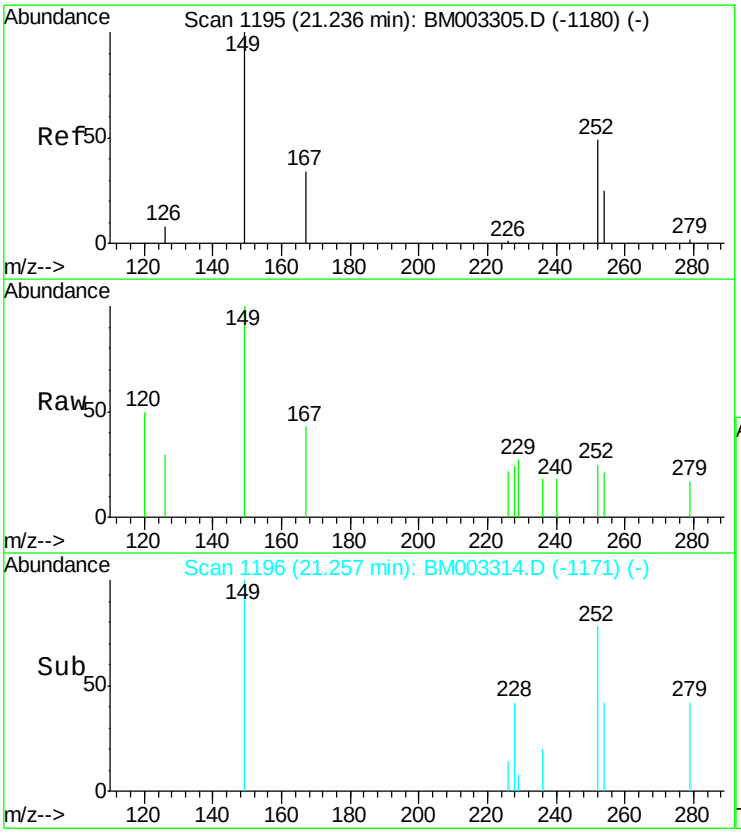
#30
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.32 min Scan# 1199
Delta R.T. 0.02 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Instrument :
BNA_M
ClientSampleId :
MW-14A-111815

Tgt Ion:228 Resp: 1450

Ion	Ratio	Lower	Upper
228	100		
226	29.7	17.8	26.6#
229	50.8	18.0	27.0#

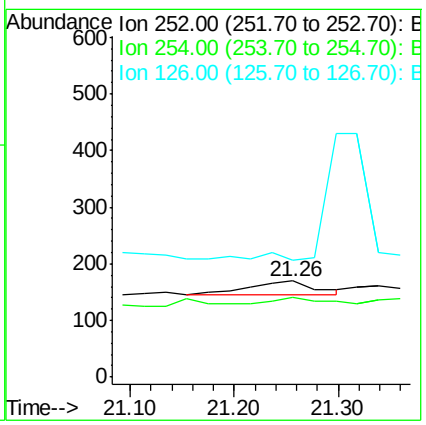


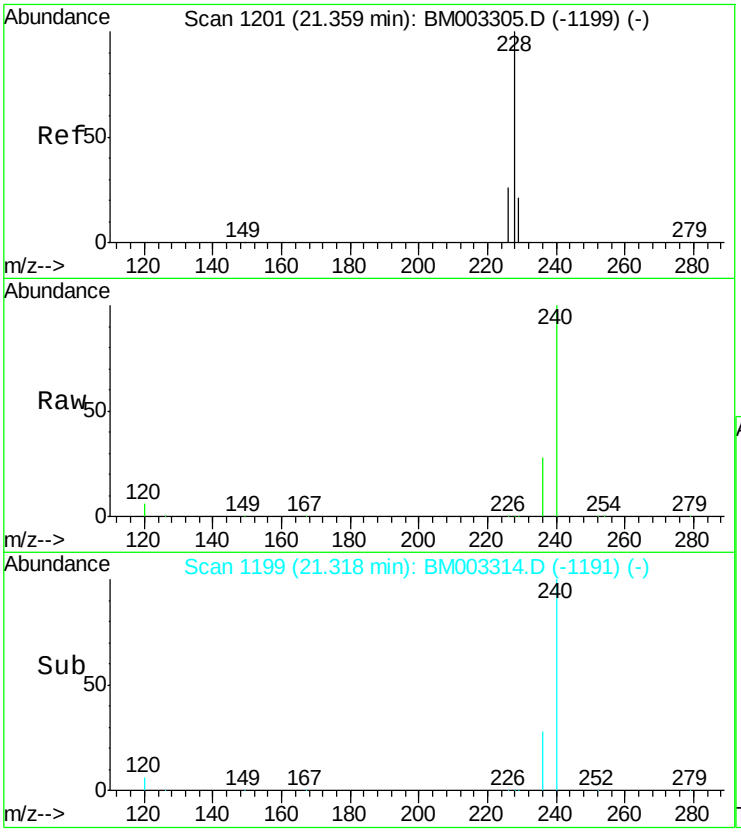


#31
3,3'-Dichlorobenzidine
Concen: 0.17 ng
RT: 21.26 min Scan# 1196
Delta R.T. 0.02 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Tgt Ion:252 Resp: 108

Ion	Ratio	Lower	Upper
252	100		
254	82.4	53.7	80.5#
126	121.8	2.8	4.2#



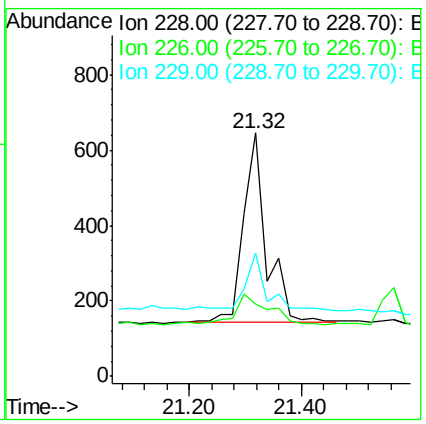


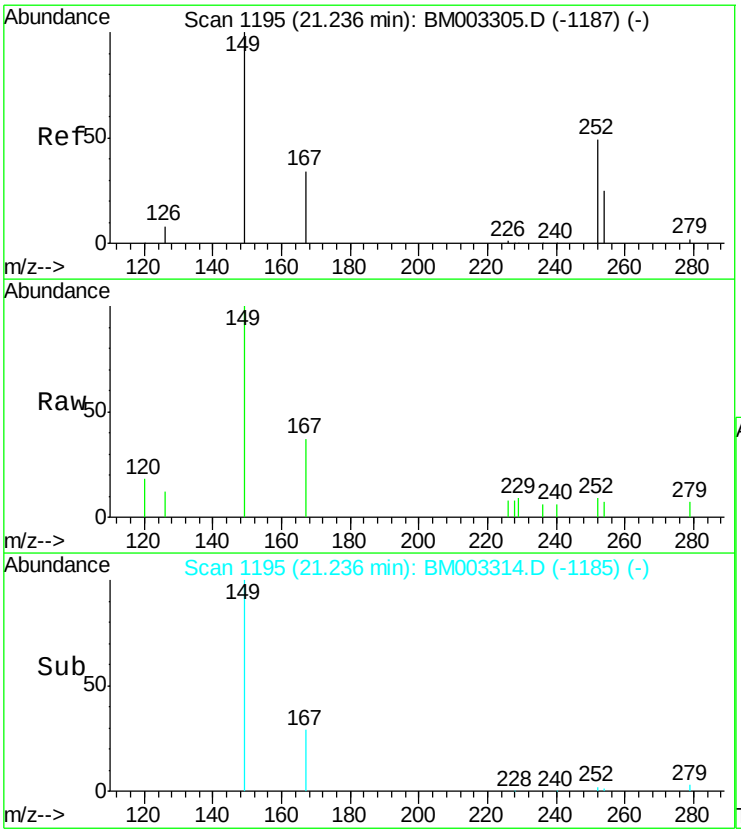
#32
Chrysene
Concen: 0.03 ng
RT: 21.32 min Scan# 1199
Delta R.T. -0.04 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Instrument :
BNA_M
ClientSampleId :
MW-14A-111815

Tgt Ion:228 Resp: 1425

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.5	38.3
229	50.8	14.3	21.5#

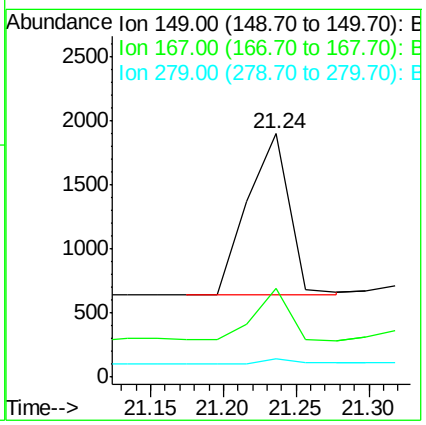


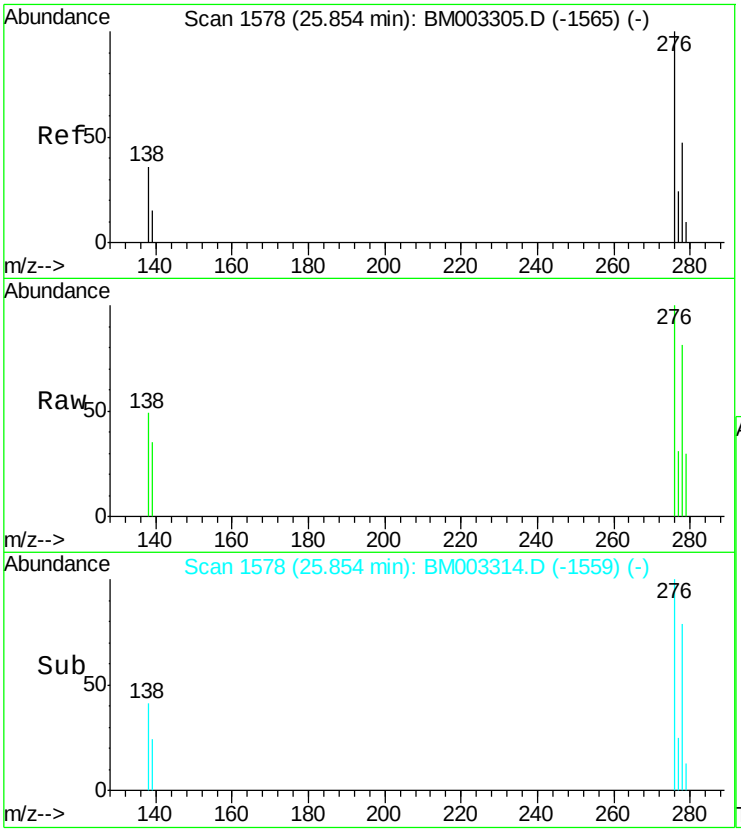


#33
Bis(2-ethylhexyl)phthalate
Concen: 0.15 ng
RT: 21.24 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Tgt Ion:149 Resp: 2543

Ion	Ratio	Lower	Upper
149	100		
167	27.3	19.6	29.4
279	4.9	0.0	0.0#



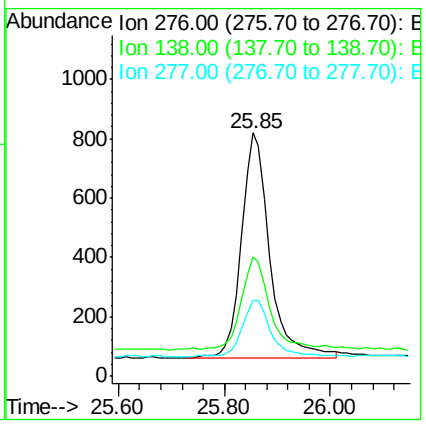


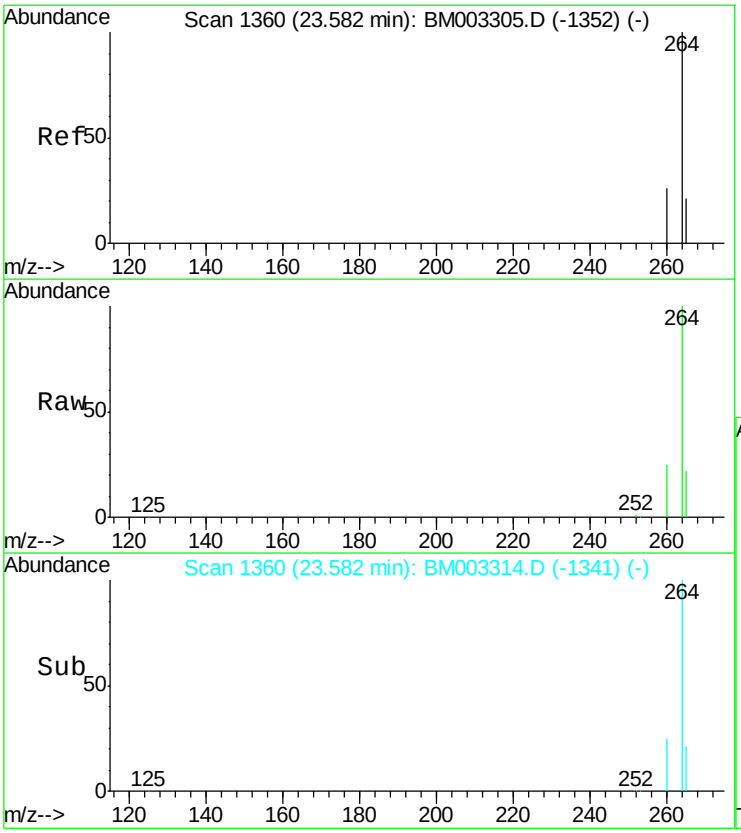
#34
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng
RT: 25.85 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Instrument :
BNA_M
ClientSampleId :
MW-14A-111815

Tgt Ion:276 Resp: 2781

Ion	Ratio	Lower	Upper
276	100		
138	40.6	19.1	28.7#
277	25.5	15.9	23.9#

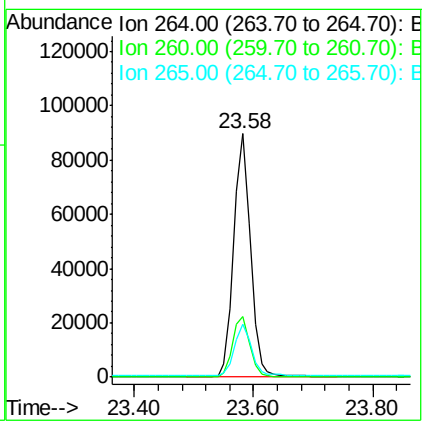


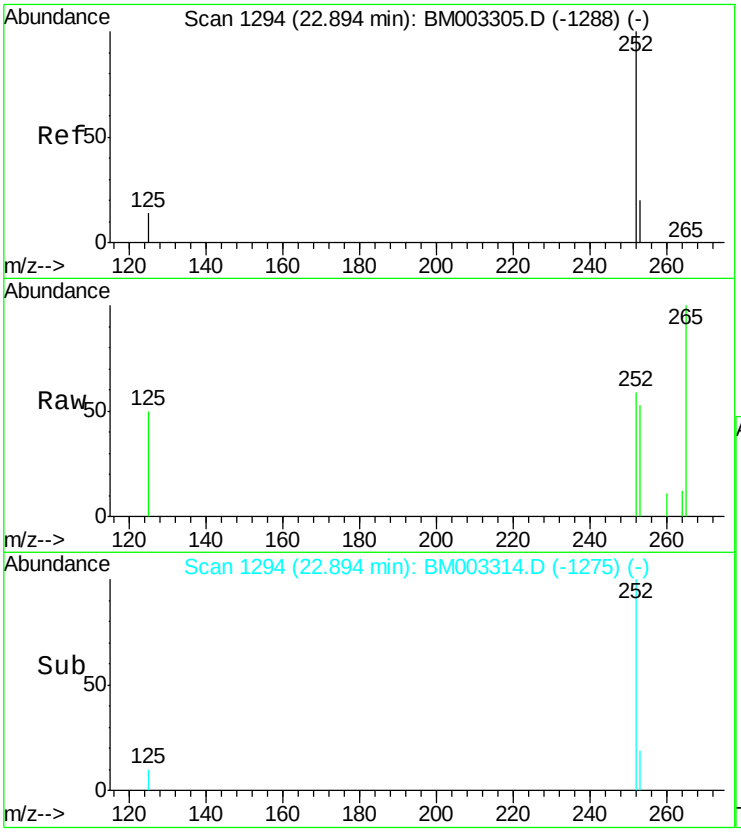


#35
Perylene-d12
Concen: 5.00 ng
RT: 23.58 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Tgt Ion:264 Resp: 172640

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.6	29.4
265	21.9	18.4	27.6



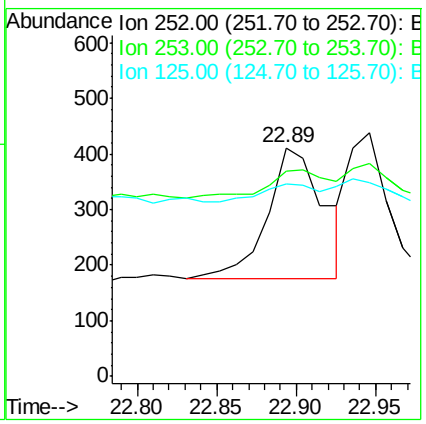


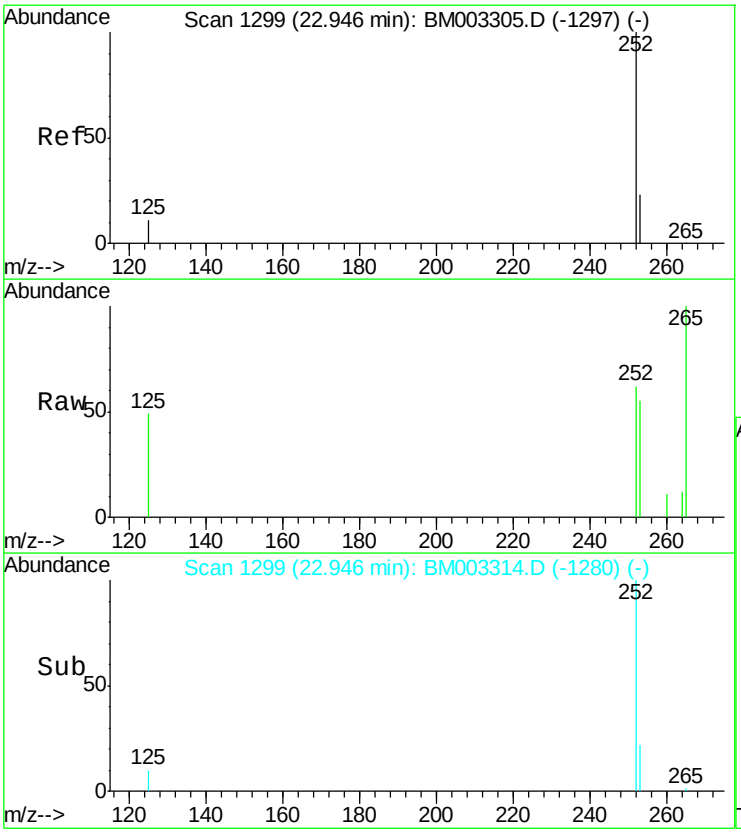
#36
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 22.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Instrument :
BNA_M
ClientSampleId :
MW-14A-111815

Tgt Ion:252 Resp: 580

Ion	Ratio	Lower	Upper
252	100		
253	90.0	18.2	27.4#
125	84.4	10.3	15.5#

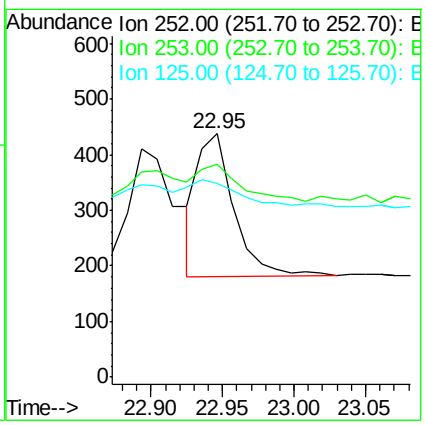


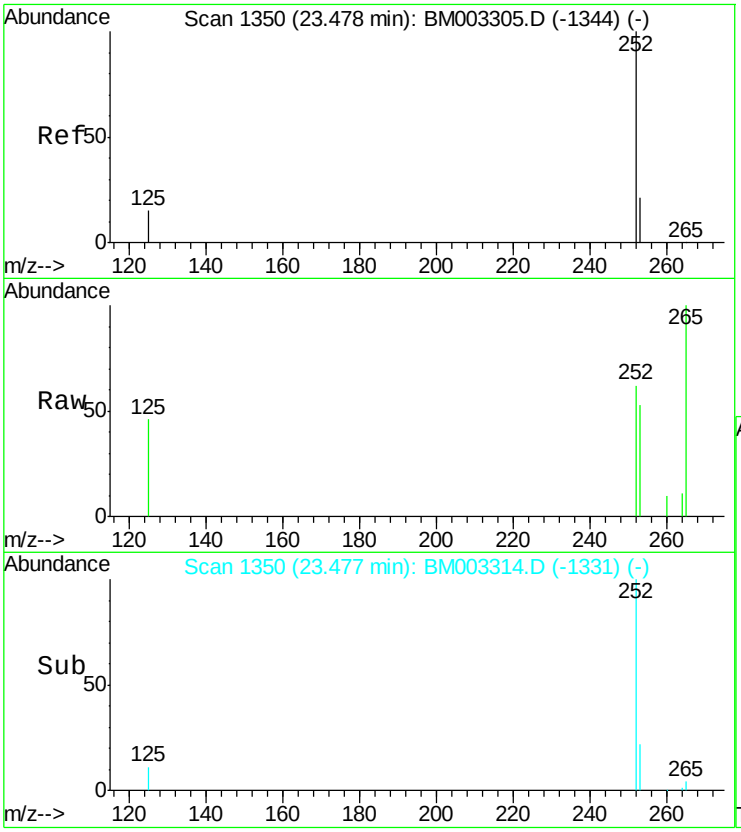


#37
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 22.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Tgt Ion:252 Resp: 455

Ion	Ratio	Lower	Upper
252	100		
253	87.7	17.5	26.3#
125	79.5	10.7	16.1#



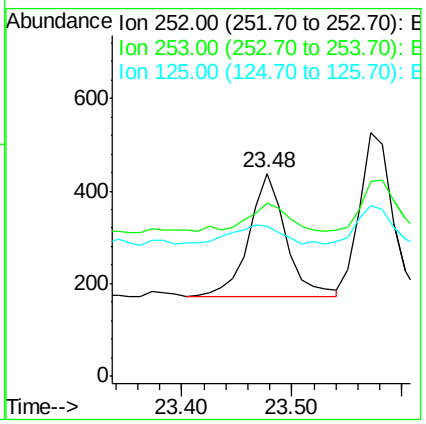


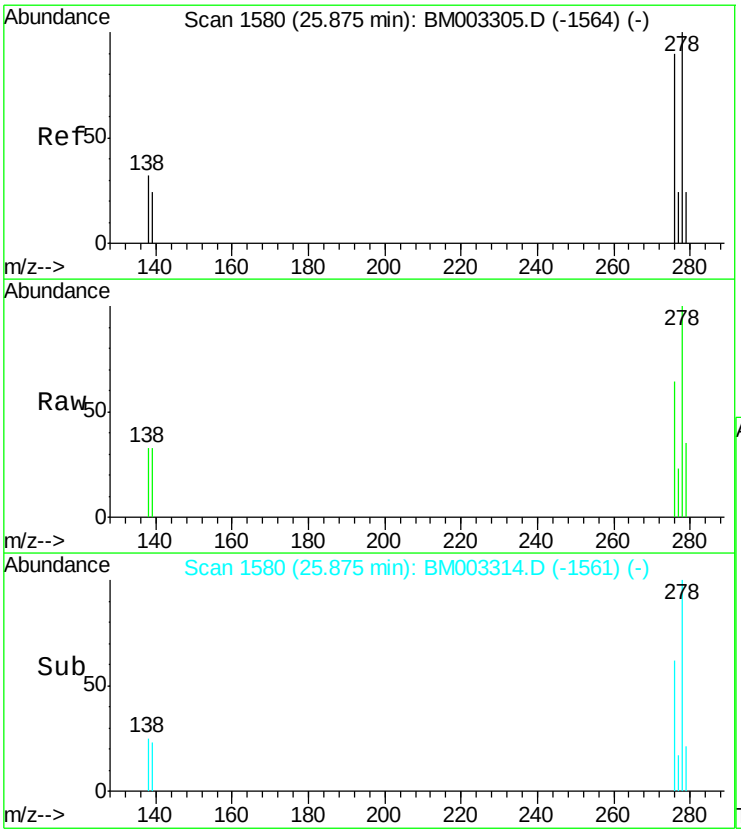
#38
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.48 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Instrument :
BNA_M
ClientSampleId :
MW-14A-111815

Tgt Ion:252 Resp: 620

Ion	Ratio	Lower	Upper
252	100		
253	85.2	18.7	28.1#
125	73.7	11.6	17.4#

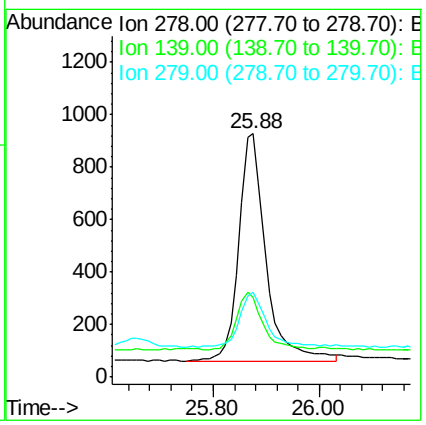


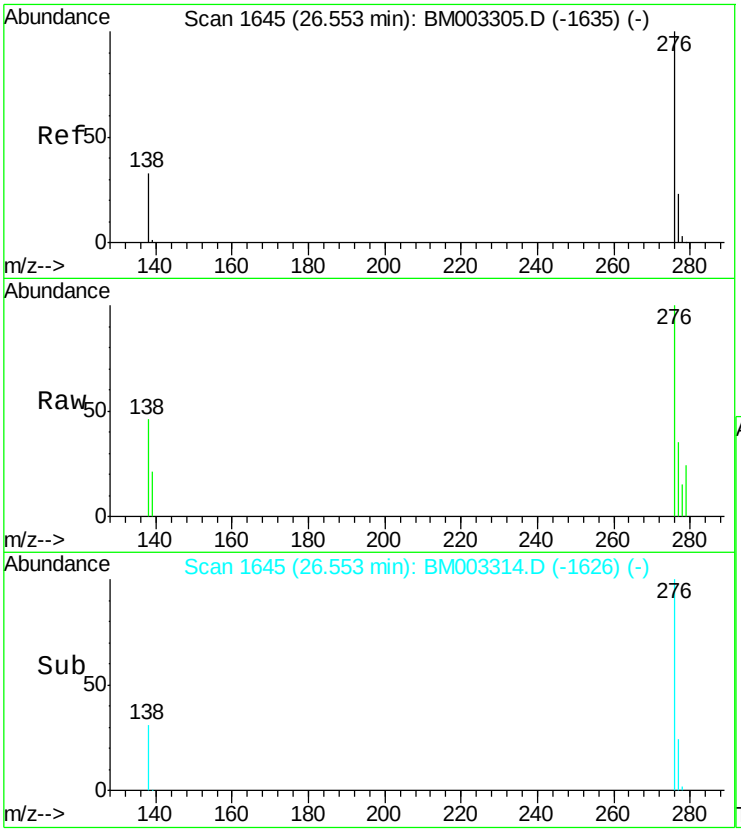


#39
Dibenzo(a,h)anthracene
Concen: 0.09 ng
RT: 25.88 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Tgt Ion:278 Resp: 3072

Ion	Ratio	Lower	Upper
278	100		
139	32.7	18.2	27.4#
279	34.7	18.8	28.2#





#40
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 26.55 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Instrument :
BNA_M
ClientSampleId :
MW-14A-111815

Tgt Ion:276 Resp: 1542

Ion	Ratio	Lower	Upper
276	100		
277	34.9	19.0	28.6#
138	45.7	22.3	33.5#