Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM112715\
Data File : BM003307.D
Acq On : 27 Nov 2015 14:56
Operator : UM/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC005

Quant Time: Nov 27 15:30:24 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 15:20:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	64252	5.00	ng		-0.02
7) Naphthalene-d8	10.53	136	250373	5.00	ng		-0.01
13) Acenaphthene-d10	14.37	164	116770	5.00	ng		-0.03
19) Phenanthrene-d10	17.11	188	235807	5.00	ng		-0.03
26) Chrysene-d12	21.33	240	196927	5.00	ng		-0.01
35) Perylene-d12	23.58	264	179976	5.00	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	64022	5.11	ng		-0.03
5) Phenol-d6	6.90	99	76905	5.50	ng		-0.02
8) Nitrobenzene-d5	8.89	82	58845	5.44	ng		-0.03
14) 2,4,6-Tribromophenol	15.88	330	12537	6.50	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	174591	4.55	ng		-0.02
29) Terphenyl-d14	19.76	244	131933	4.78	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	27797	4.26	ng		98
3) n-Nitrosodimethylamine	3.54	42	29718	5.01	ng		98
6) bis(2-Chloroethyl)ether	7.16	93	70464	4.70	ng		99
9) Nitrobenzene	8.93	77	66721	5.76	ng		97
10) Naphthalene	10.56	128	251745	4.56	ng		99
11) Hexachlorobutadiene	10.87	225	37916	4.25	ng		98
12) 2-Methylnaphthalene	12.19	142	163748	4.80	ng	#	89
16) Acenaphthylene	14.08	152	239379	5.92	ng		99
17) Acenaphthene	14.44	154	157862	4.72	ng	#	100
18) Fluorene	15.44	166	166256	5.02	ng		95
20) 4-Bromophenyl-phenylether	16.32	248	42452	5.49	ng	#	32
21) Hexachlorobenzene	16.45	284	39132	4.70	ng	#	51
22) Pentachlorophenol	16.78	266	18985	7.14	ng		87
23) Phenanthrene	17.16	178	270931	5.03	ng		96
24) Anthracene	17.24	178	231215	5.40	ng		96
25) Fluoranthene	19.19	202	278950	5.59	ng		99
27) Benzidine	19.38	184	62014	8.73	ng		97
28) Pyrene	19.55	202	303806	5.09	ng		100
30) Benzo(a)anthracene	21.31	228	261598	5.32	ng		100
31) 3,3'-Dichlorobenzidine	21.25	252	73879	8.55	ng	#	99
32) Chrysene	21.31	228	261607	4.31	ng	#	85
33) Bis(2-ethylhexyl)phthalate	21.23	149	114935	6.25	ng	#	99
34) Indeno(1,2,3-cd)pyrene	25.85	276	254071	5.83	ng	#	80
36) Benzo(b)fluoranthene	22.89	252	244420	4.85	ng		96
37) Benzo(k)fluoranthene	22.95	252	254979	5.07	ng		98
38) Benzo(a)pyrene	23.48	252	221152	5.58	ng		97
39) Dibenzo(a,h)anthracene	25.88	278	199666	5.92	ng		100
40) Benzo(g,h,i)perylene	26.55	276	216782	5.12	ng		95

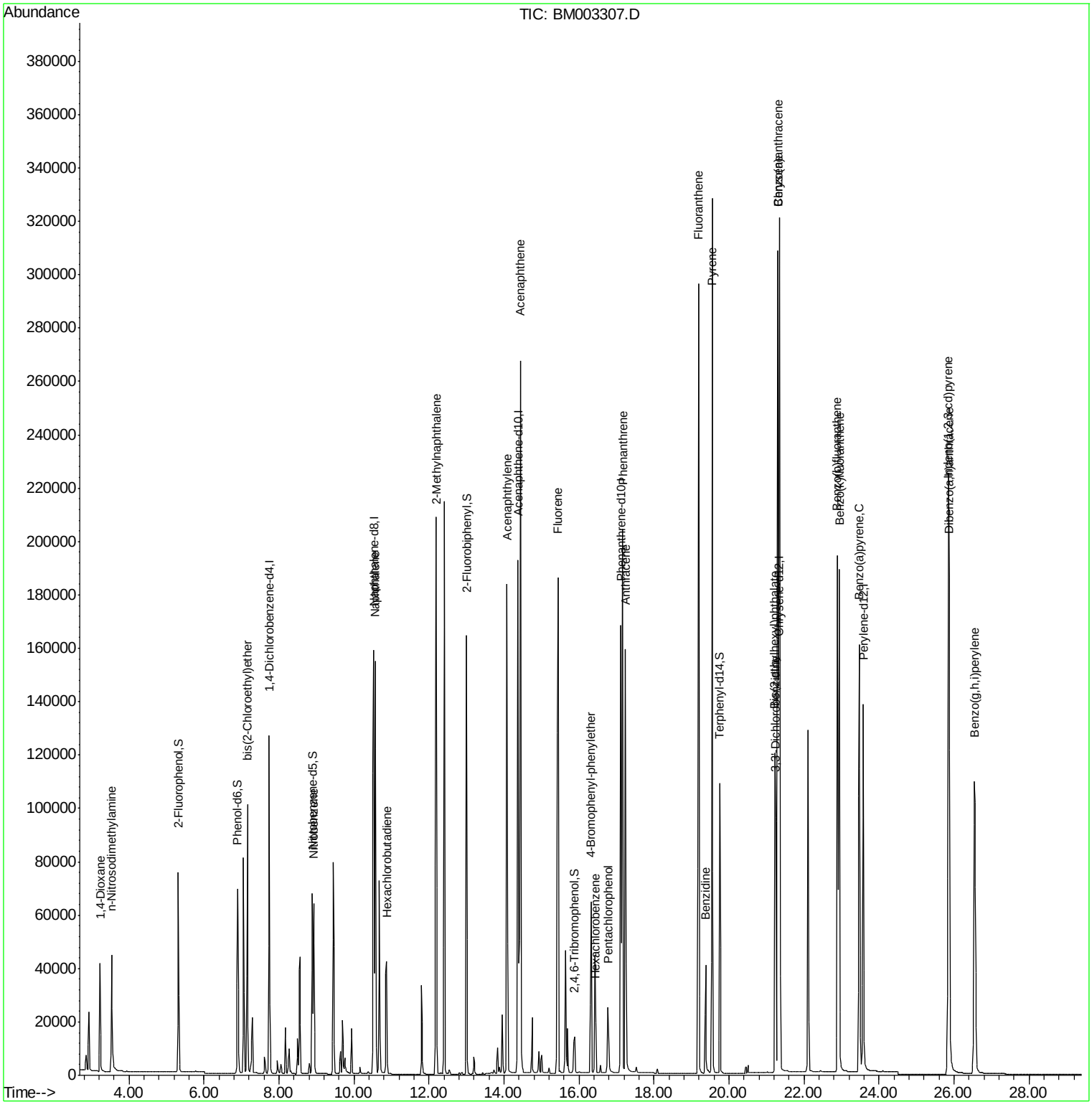
(#) = qualifier out of range (m) = manual integration (+) = signals summed

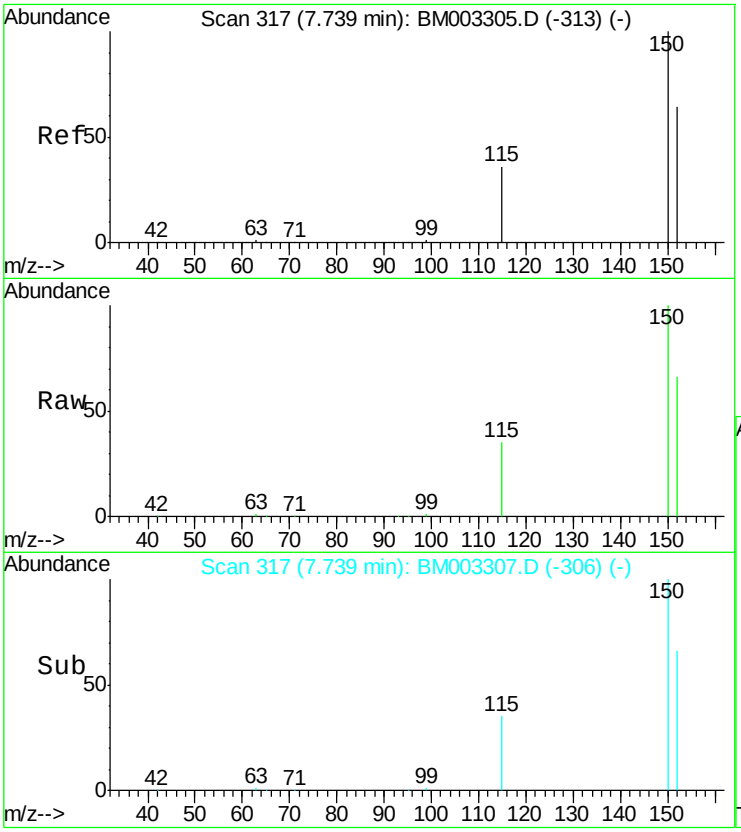
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM112715\
Data File : BM003307.D
Acq On : 27 Nov 2015 14:56
Operator : UM/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC005

Quant Time: Nov 27 15:30:24 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 15:20:17 2015
Response via : Initial Calibration



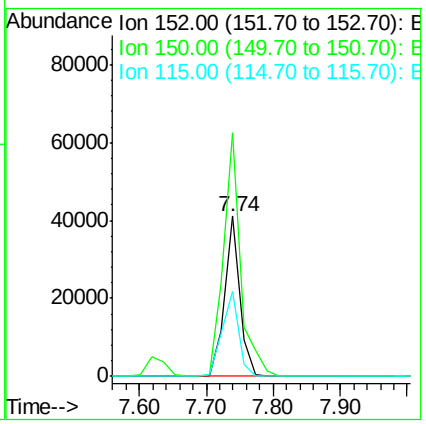


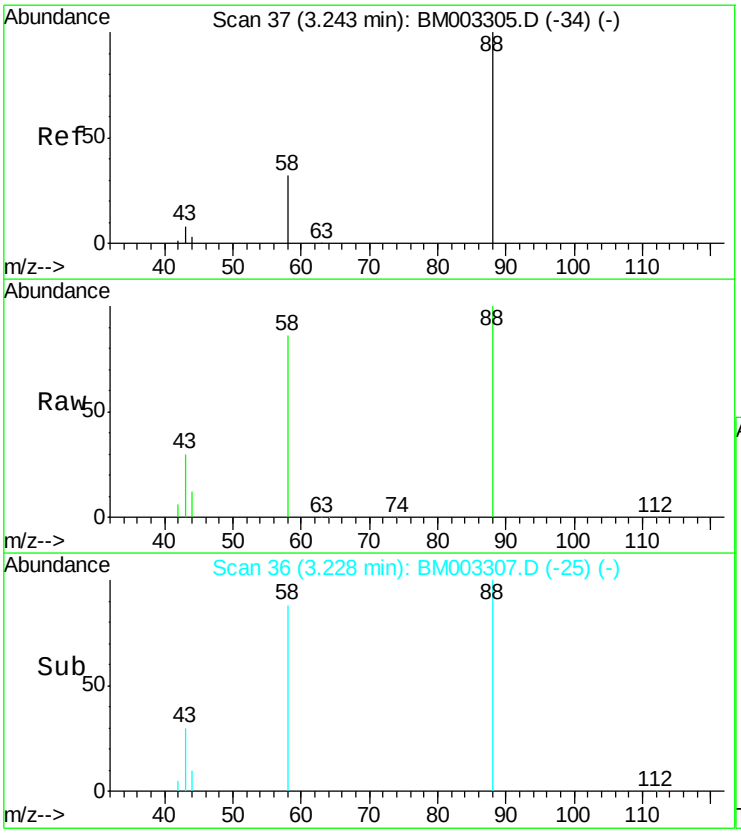
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.74 min Scan# 317
Delta R.T. -0.02 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 64252

Ion	Ratio	Lower	Upper
152	100		
150	152.1	143.6	215.4
115	53.3	58.5	87.7#

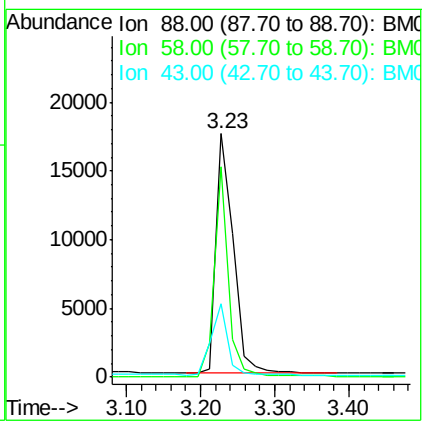


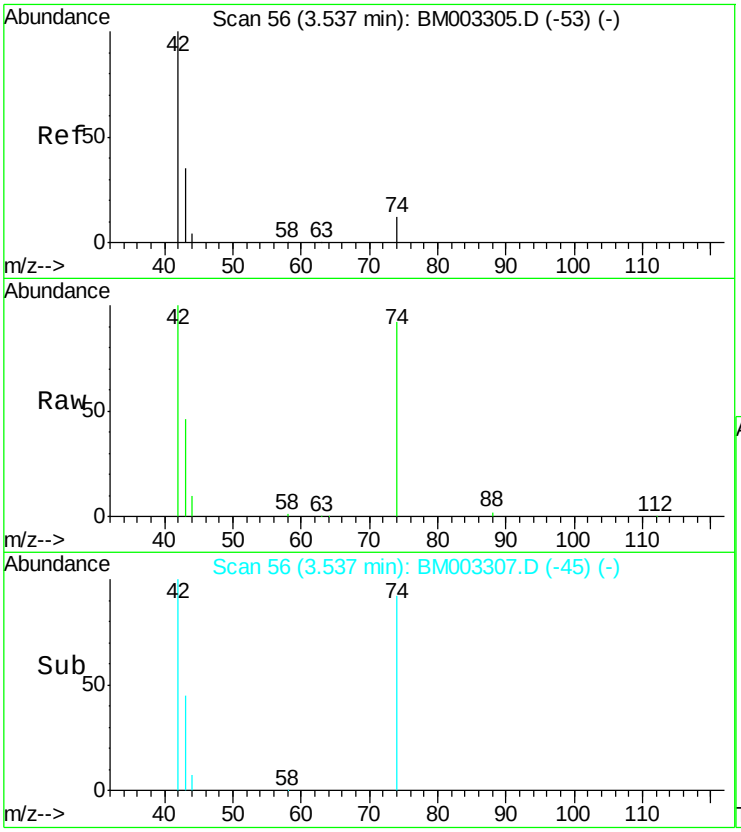


#2
1,4-Dioxane
Concen: 4.26 ng
RT: 3.23 min Scan# 36
Delta R.T. -0.03 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Tgt Ion: 88 Resp: 27797

Ion	Ratio	Lower	Upper
88	100		
58	70.9	55.2	82.8
43	28.2	21.8	32.6



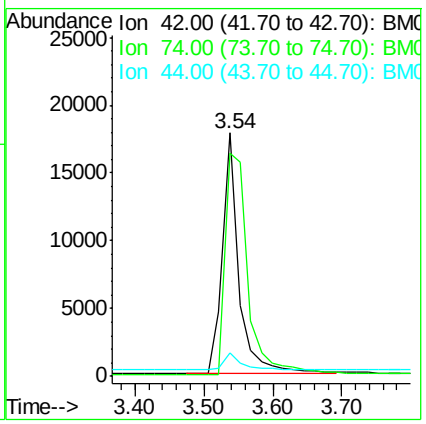


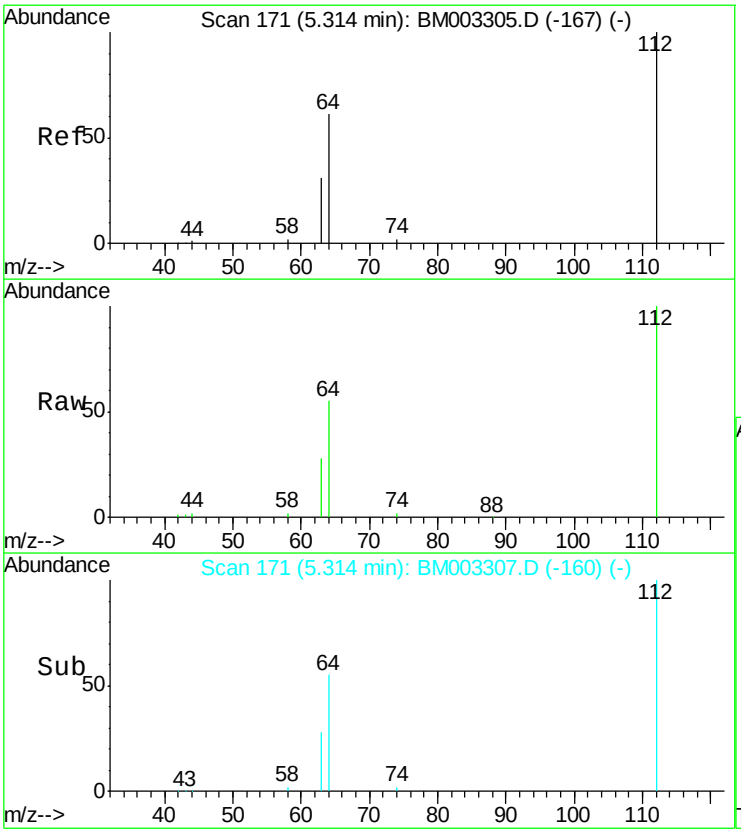
#3
n-Nitrosodimethylamine
Concen: 5.01 ng
RT: 3.54 min Scan# 56
Delta R.T. -0.03 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 42 Resp: 29718

Ion	Ratio	Lower	Upper
42	100		
74	128.6	101.0	151.4
44	6.7	6.3	9.5

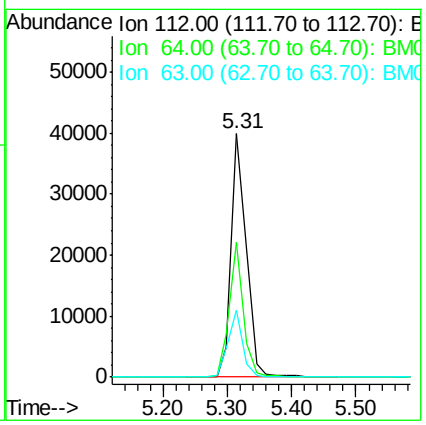


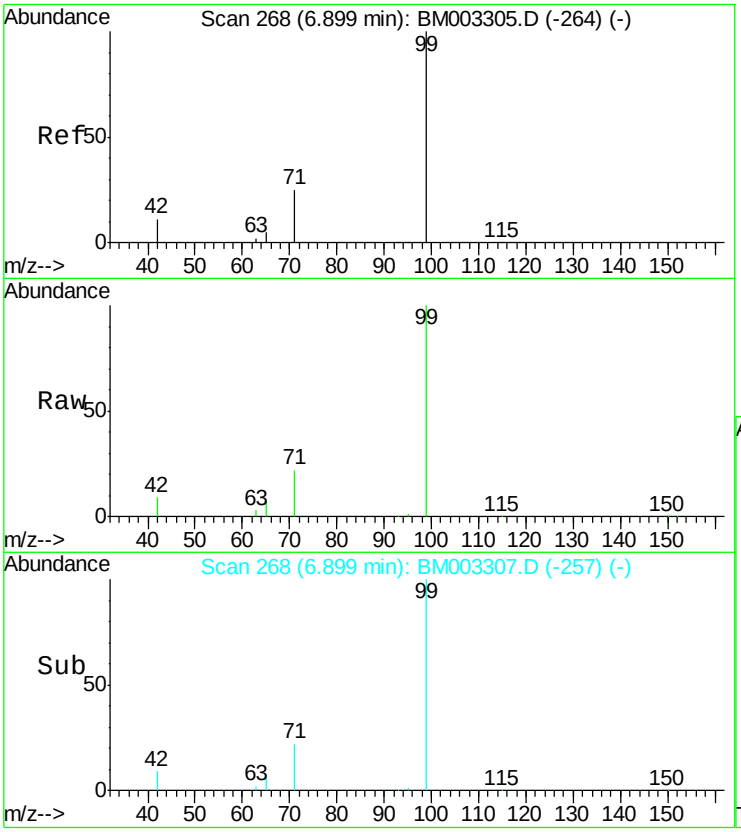


#4
2-Fluorophenol
Concen: 5.11 ng
RT: 5.31 min Scan# 171
Delta R.T. -0.03 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Tgt Ion:112 Resp: 64022

Ion	Ratio	Lower	Upper
112	100		
64	51.5	41.2	61.8
63	26.7	21.2	31.8



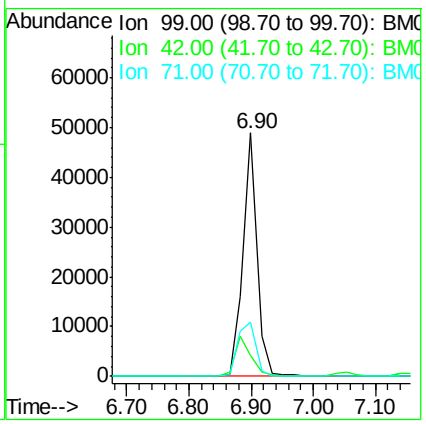


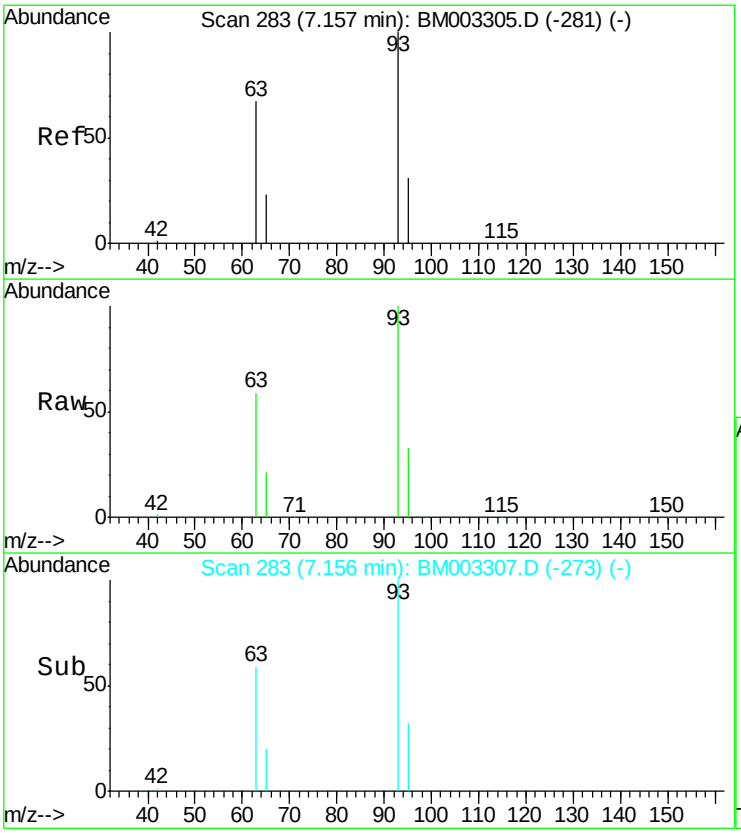
#5
Phenol-d6
Concen: 5.50 ng
RT: 6.90 min Scan# 268
Delta R.T. -0.02 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 76905

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.6	22.0
71	28.8	23.3	34.9

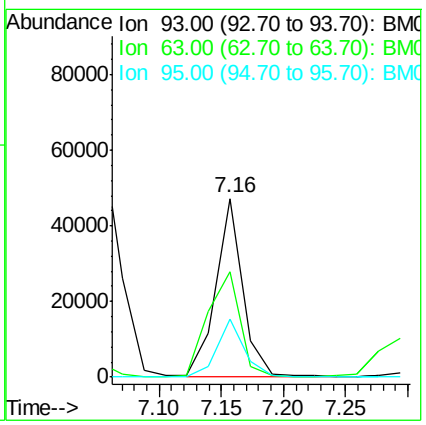


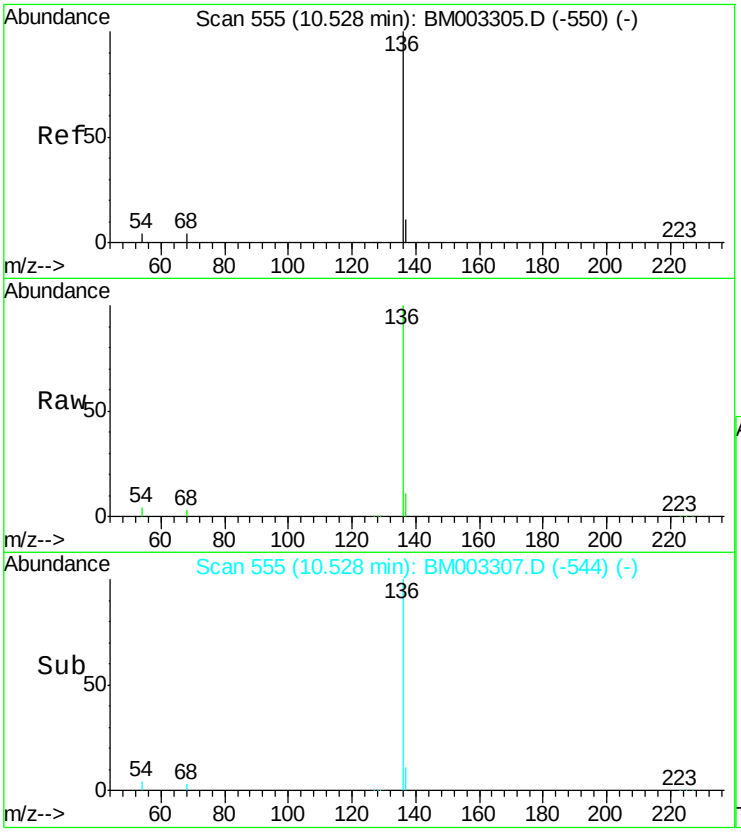


#6
bis(2-Chloroethyl)ether
Concen: 4.70 ng
RT: 7.16 min Scan# 283
Delta R.T. -0.03 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Tgt Ion: 93 Resp: 70464

Ion	Ratio	Lower	Upper
93	100		
63	71.4	58.2	87.4
95	32.5	26.2	39.4



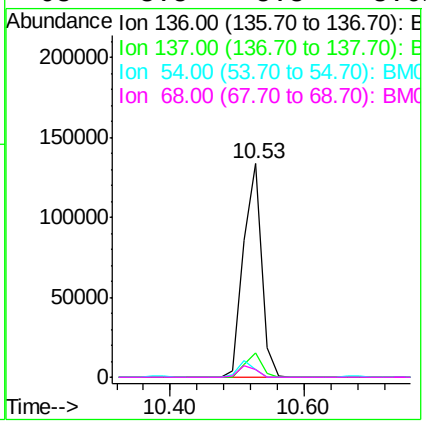


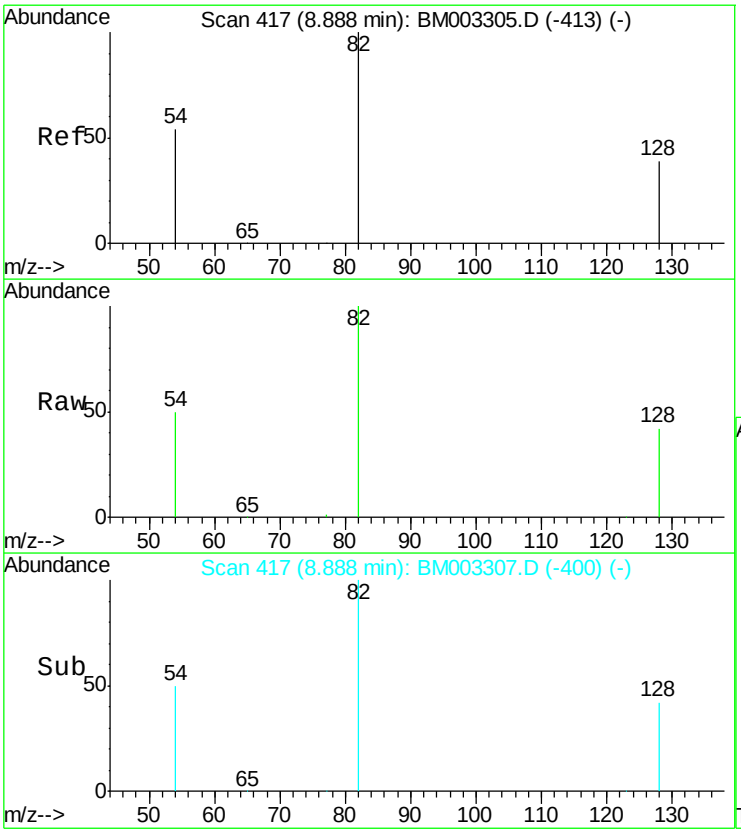
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.53 min Scan# 555
Delta R.T. -0.01 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 250373

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.0	12.0
54	3.8	7.4	11.0#
68	3.5	5.8	8.6#

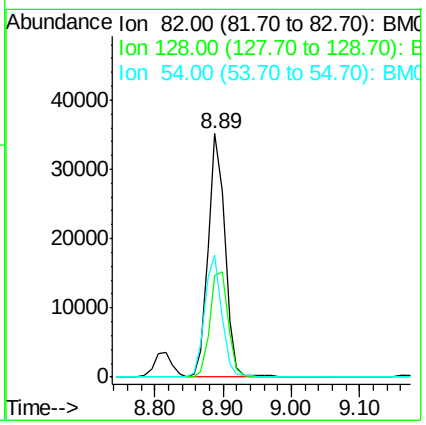


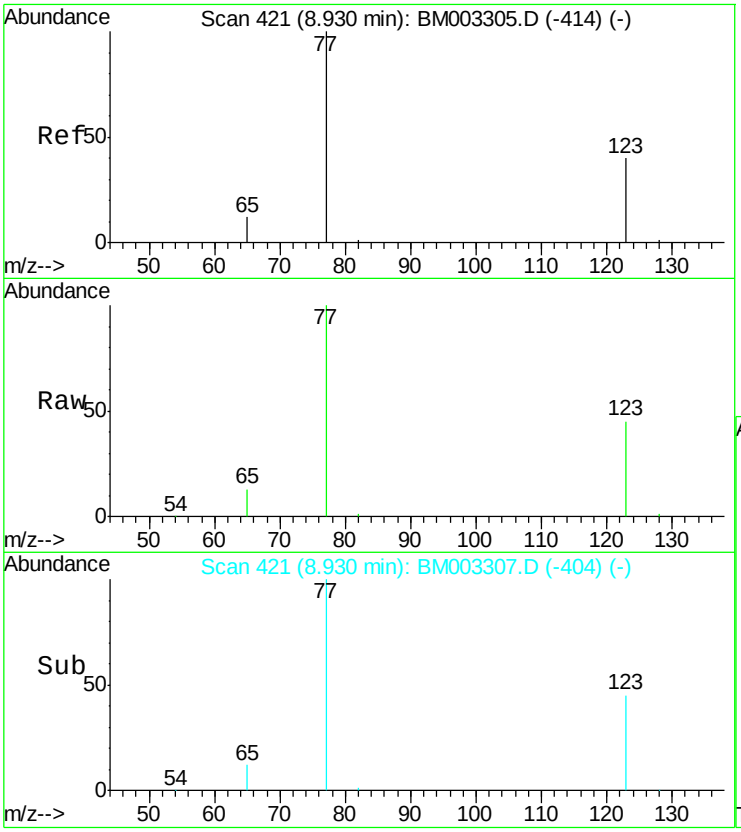


#8
Nitrobenzene-d5
Concen: 5.44 ng
RT: 8.89 min Scan# 417
Delta R.T. -0.03 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Tgt Ion: 82 Resp: 58845

Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.2	52.8
54	50.3	36.4	54.6



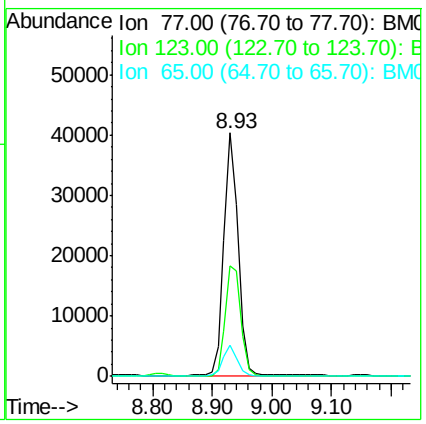


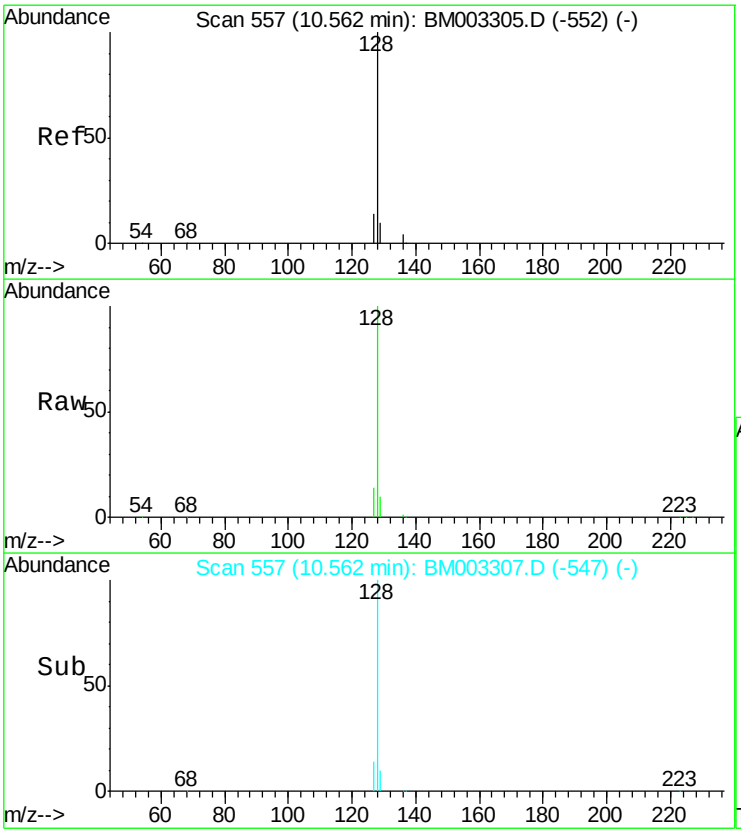
#9
Nitrobenzene
Concen: 5.76 ng
RT: 8.93 min Scan# 421
Delta R.T. -0.03 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 66721

Ion	Ratio	Lower	Upper
77	100		
123	49.2	37.7	56.5
65	12.5	9.8	14.6

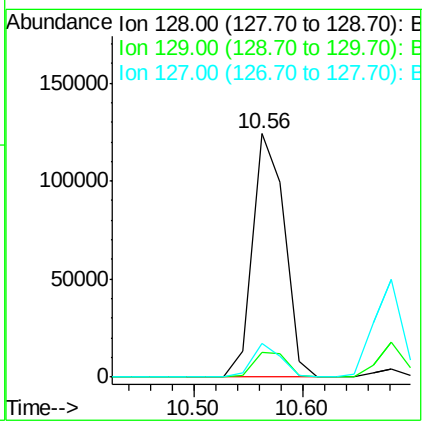


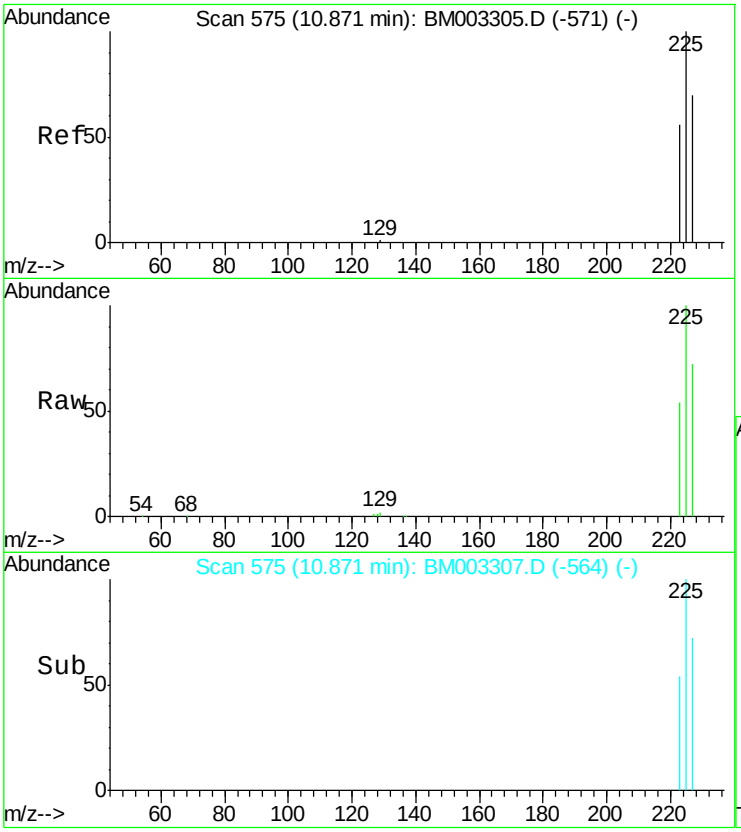


#10
Naphthalene
Concen: 4.56 ng
RT: 10.56 min Scan# 557
Delta R.T. -0.03 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Tgt Ion:128 Resp: 251745

Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.5	12.7
127	13.9	10.6	16.0



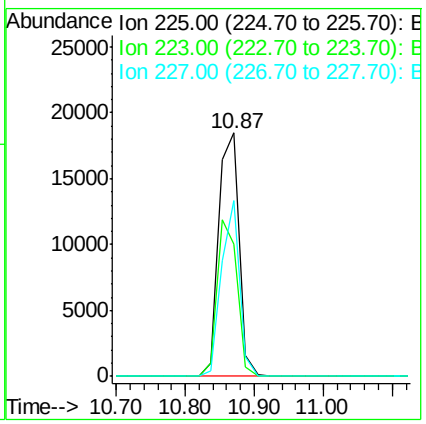


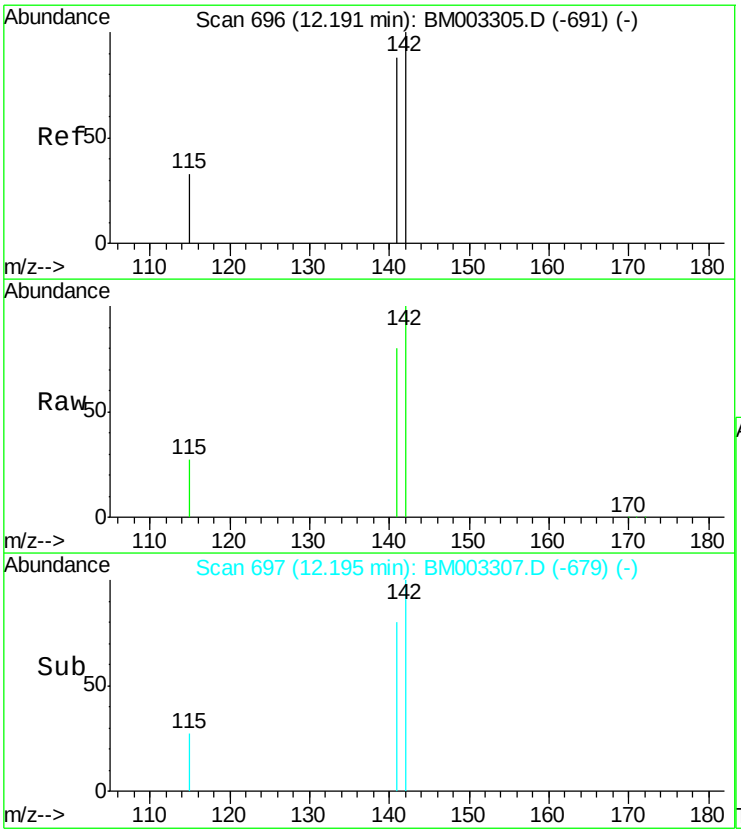
#11
Hexachlorobutadiene
Concen: 4.25 ng
RT: 10.87 min Scan# 575
Delta R.T. -0.01 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 37916

Ion	Ratio	Lower	Upper
225	100		
223	63.4	53.0	79.4
227	64.6	52.2	78.4

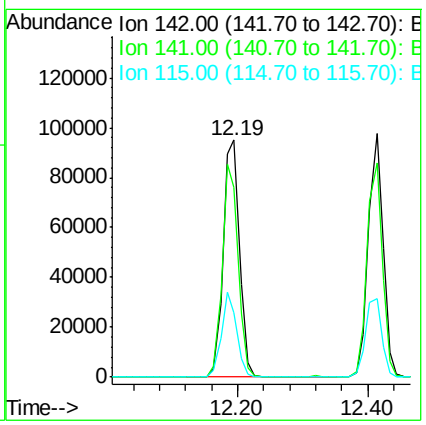


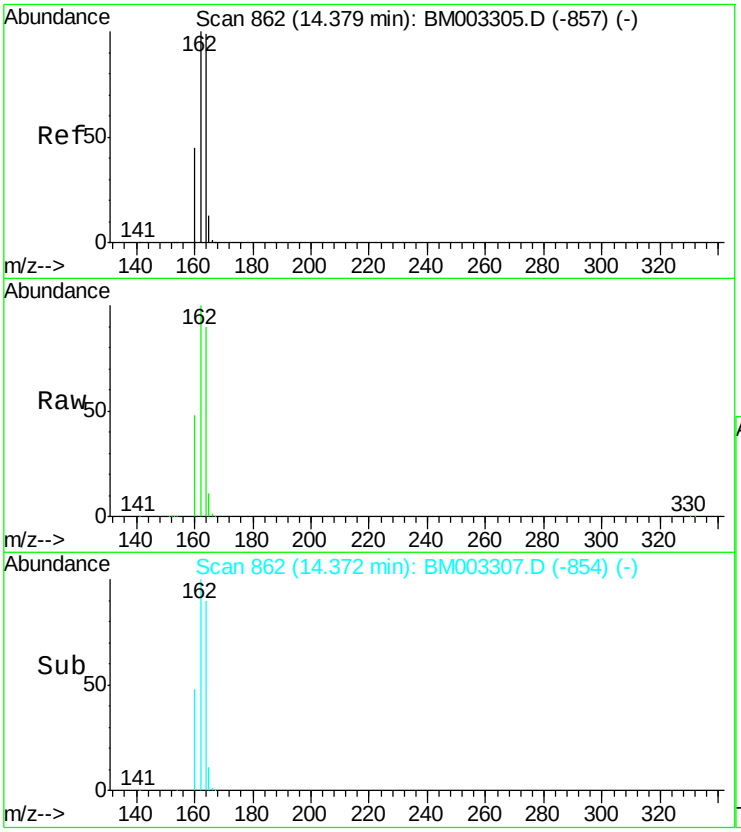


#12
2-Methylnaphthalene
Concen: 4.80 ng
RT: 12.19 min Scan# 697
Delta R.T. -0.02 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Tgt Ion:142 Resp: 163748

Ion	Ratio	Lower	Upper
142	100		
141	80.3	72.2	108.2
115	27.3	28.0	42.0#



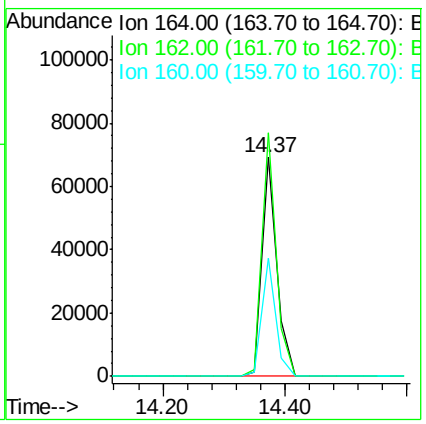


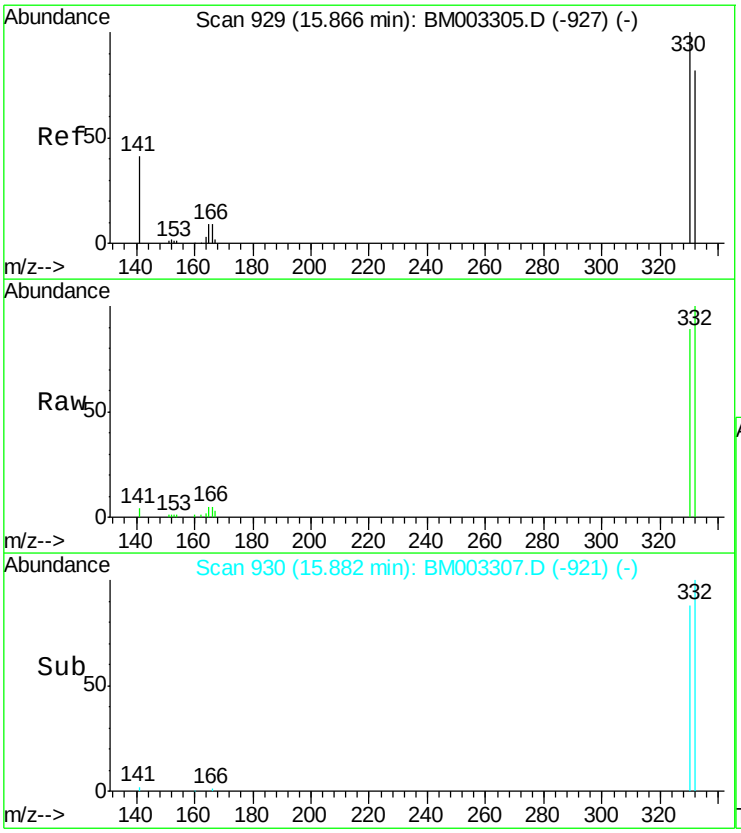
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.37 min Scan# 862
Delta R.T. -0.03 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:164 Resp: 116770

Ion	Ratio	Lower	Upper
164	100		
162	111.3	78.3	117.5
160	53.9	33.8	50.6#

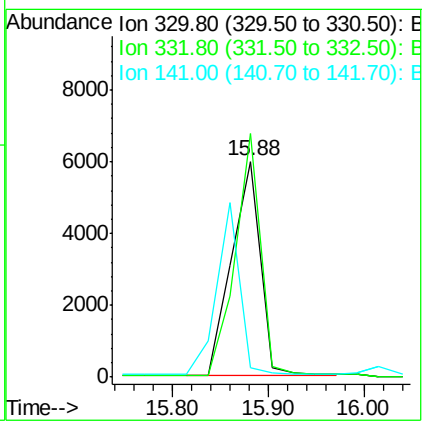


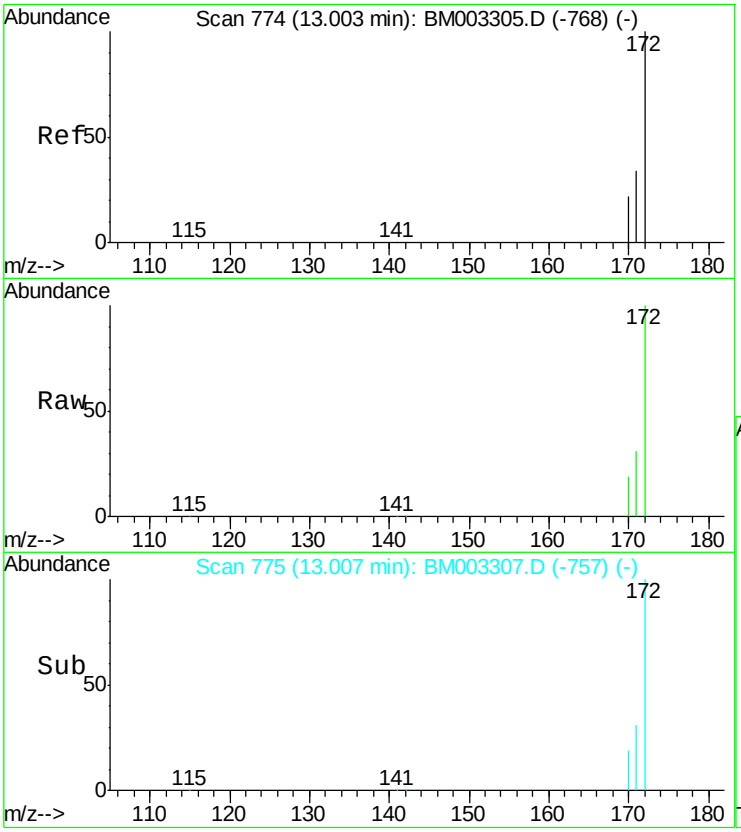


#14
2,4,6-Tribromophenol
Concen: 6.50 ng
RT: 15.88 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Tgt Ion:330 Resp: 12537

Ion	Ratio	Lower	Upper
330	100		
332	99.5	76.0	114.0
141	0.0	0.0	0.0



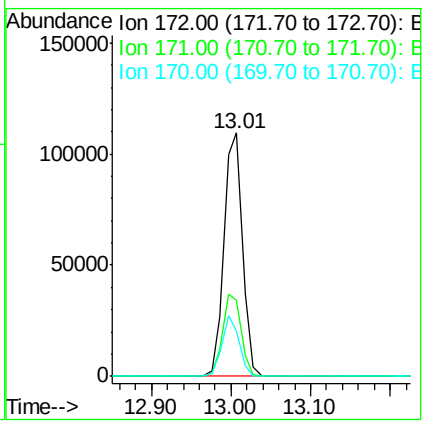


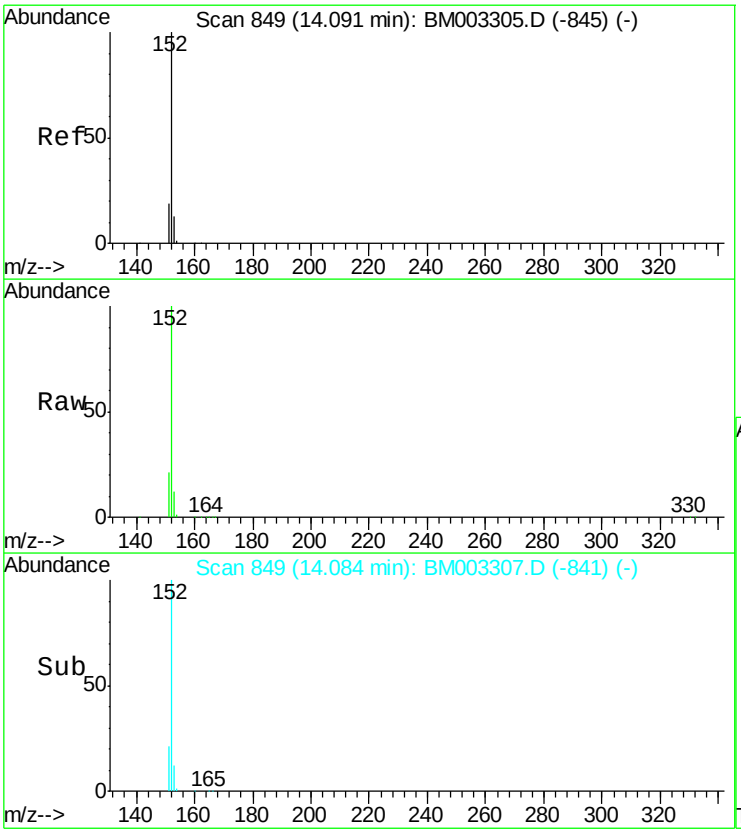
#15
2-Fluorobiphenyl
Concen: 4.55 ng
RT: 13.01 min Scan# 775
Delta R.T. -0.02 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:172 Resp: 174591

Ion	Ratio	Lower	Upper
172	100		
171	31.0	28.0	42.0
170	18.7	18.9	28.3#

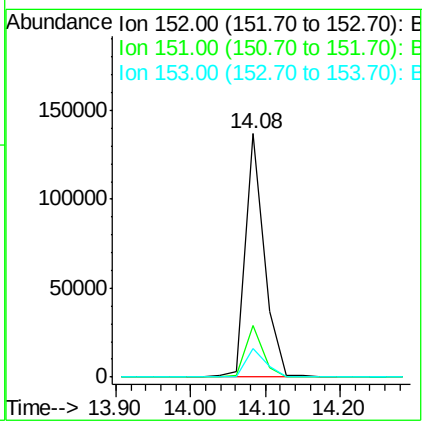


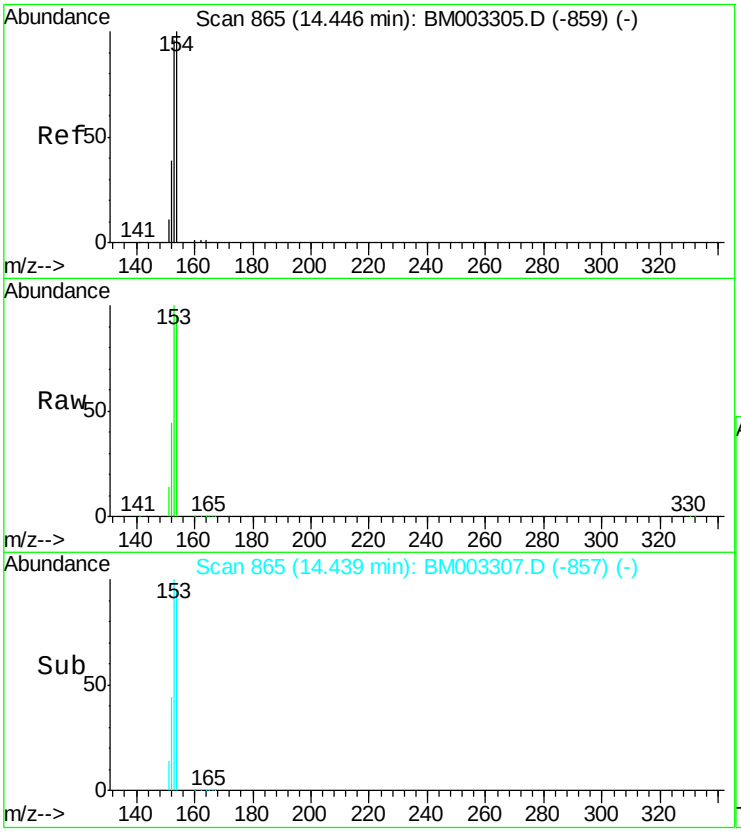


#16
Acenaphthylene
Concen: 5.92 ng
RT: 14.08 min Scan# 849
Delta R.T. -0.03 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Tgt Ion:152 Resp: 239379

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.2	22.8
153	12.7	10.4	15.6



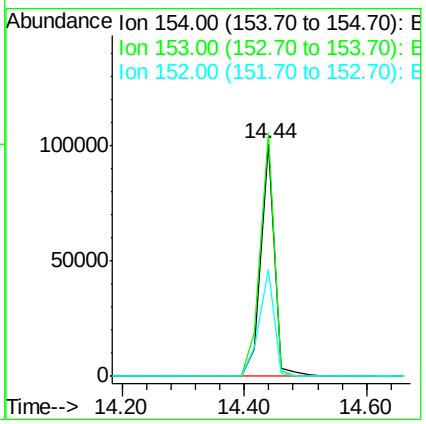


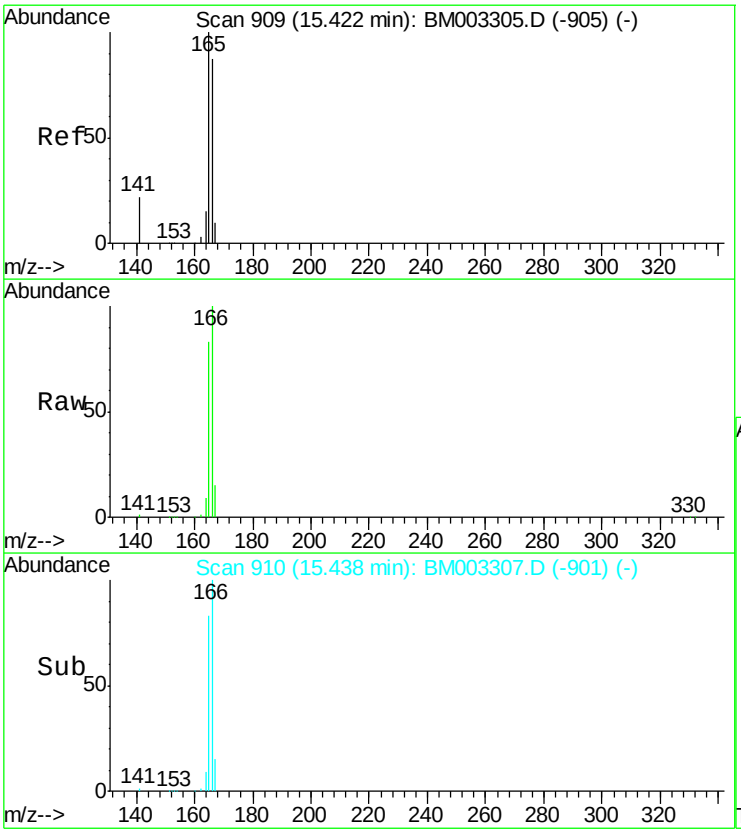
#17
Acenaphthene
Concen: 4.72 ng
RT: 14.44 min Scan# 865
Delta R.T. -0.03 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 157862

Ion	Ratio	Lower	Upper
154	100		
153	107.1	0.0	0.0#
152	50.3	0.0	0.0#

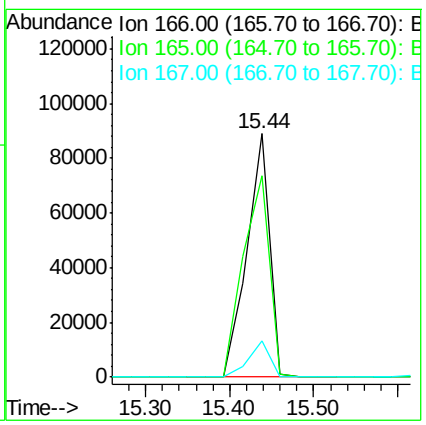


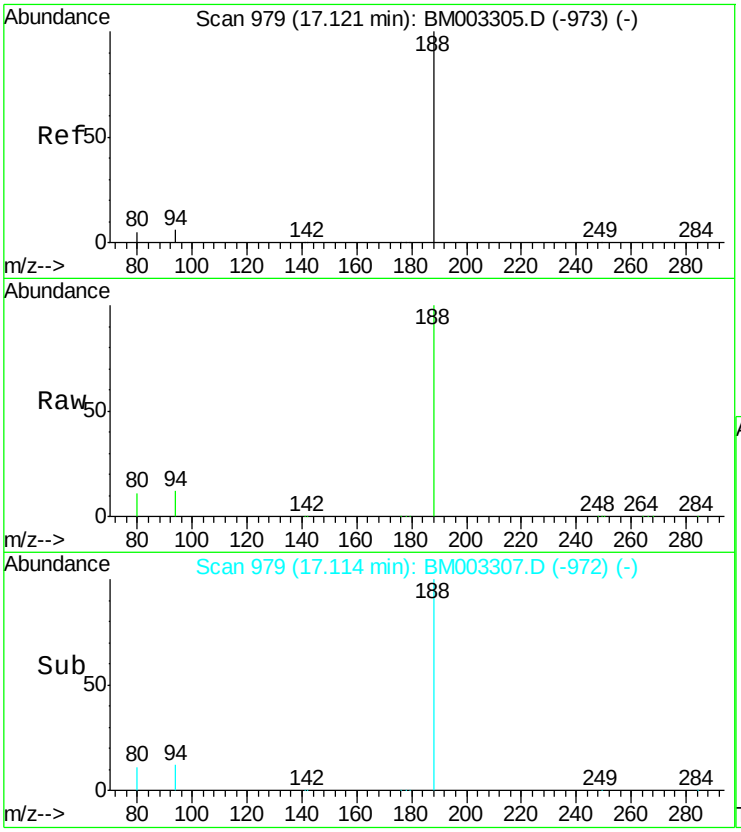


#18
Fluorene
Concen: 5.02 ng
RT: 15.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Tgt Ion:166 Resp: 166256

Ion	Ratio	Lower	Upper
166	100		
165	95.5	80.8	121.2
167	13.8	10.5	15.7



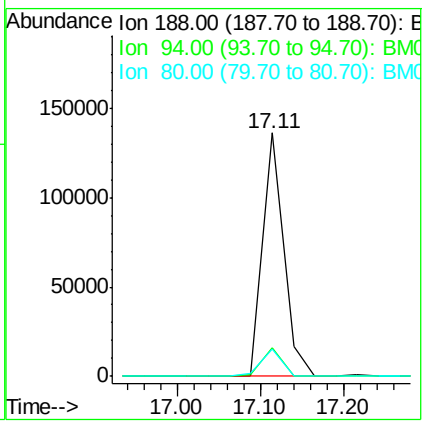


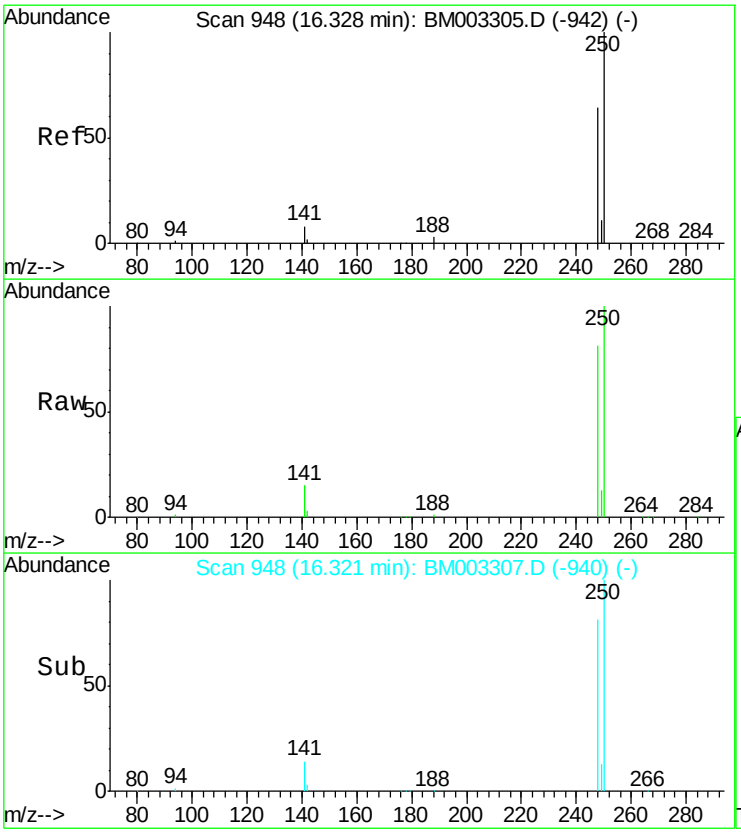
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.11 min Scan# 979
Delta R.T. -0.03 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 235807

Ion	Ratio	Lower	Upper
188	100		
94	11.6	1.8	2.6#
80	11.0	1.4	2.0#

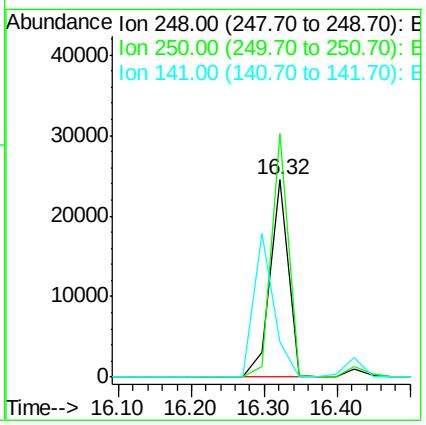


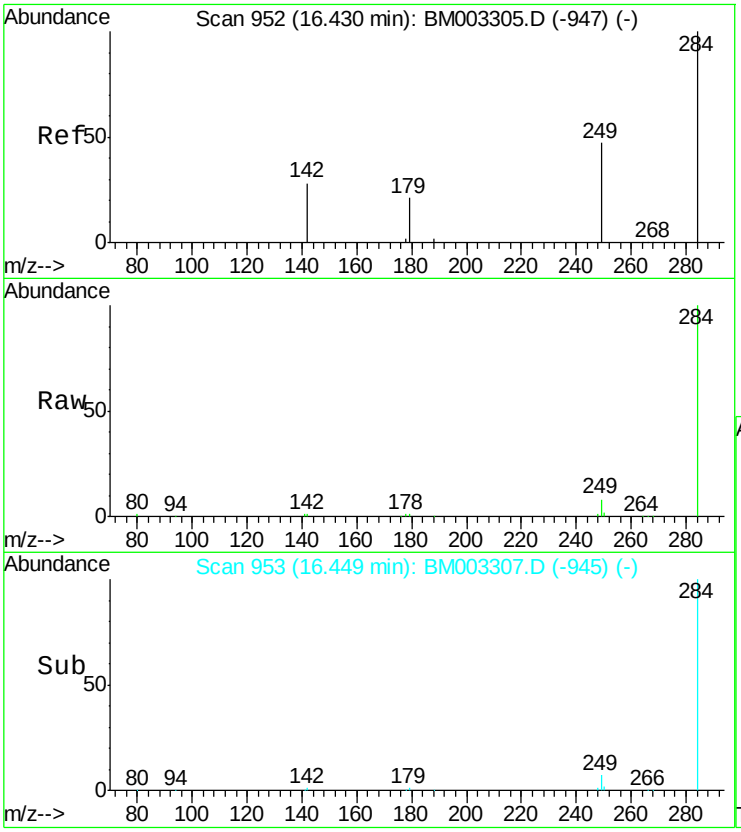


#20
4-Bromophenyl-phenylether
Concen: 5.49 ng
RT: 16.32 min Scan# 948
Delta R.T. -0.01 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Tgt Ion:248 Resp: 42452

Ion	Ratio	Lower	Upper
248	100		
250	114.5	65.4	98.0#
141	0.0	72.8	109.2#



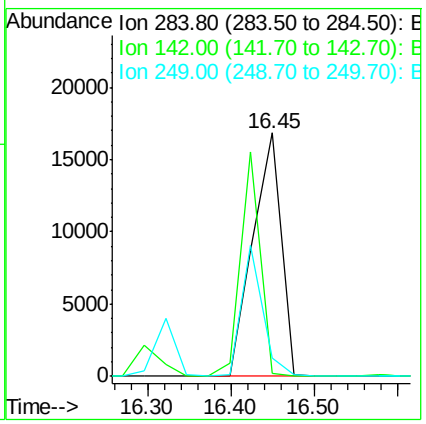


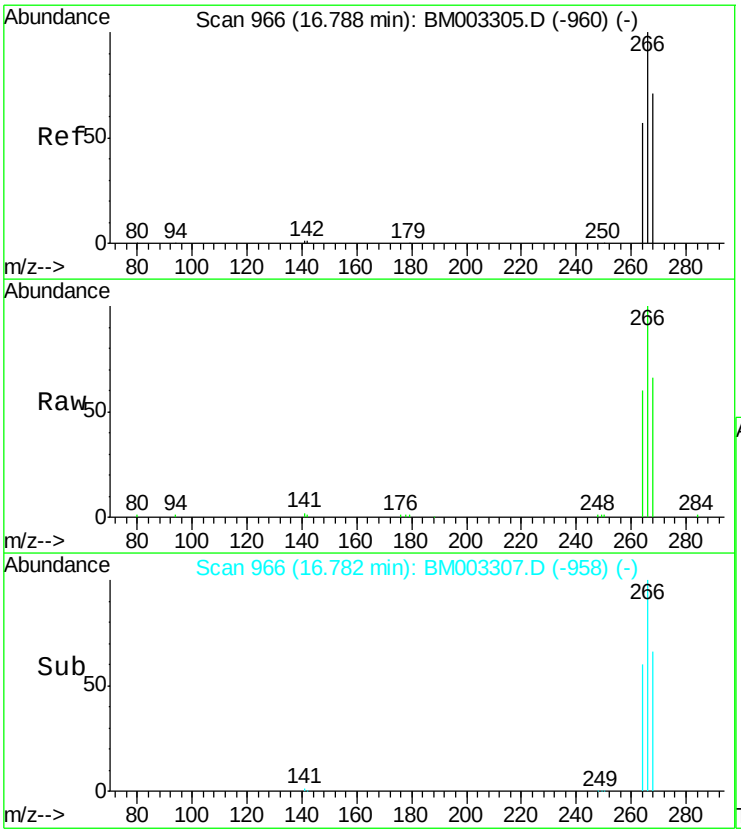
#21
Hexachlorobenzene
Concen: 4.70 ng
RT: 16.45 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:284 Resp: 39132

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

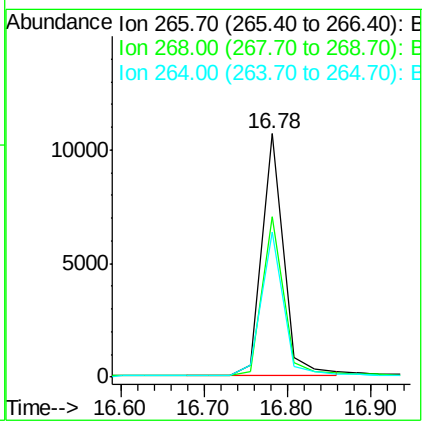


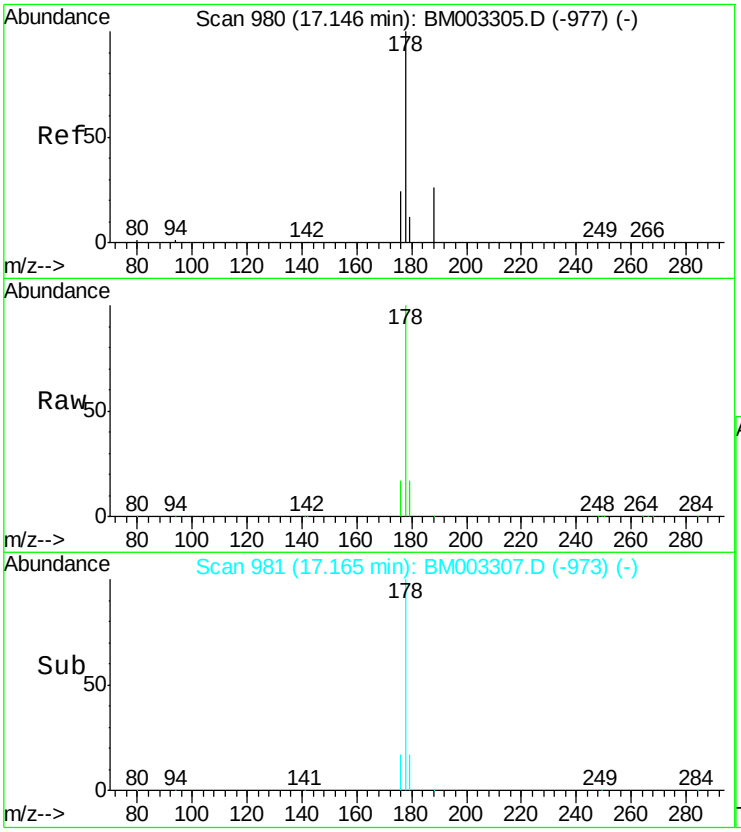


#22
Pentachlorophenol
Concen: 7.14 ng
RT: 16.78 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Tgt Ion:266 Resp: 18985

Ion	Ratio	Lower	Upper
266	100		
268	65.8	45.8	68.8
264	59.7	56.7	85.1



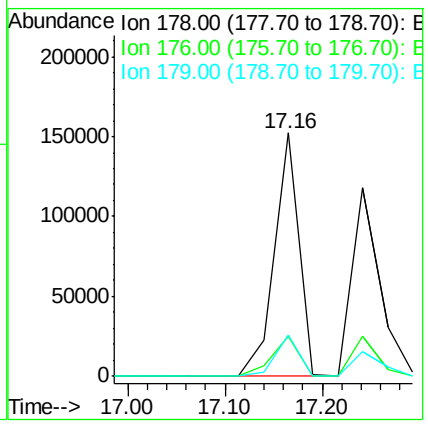


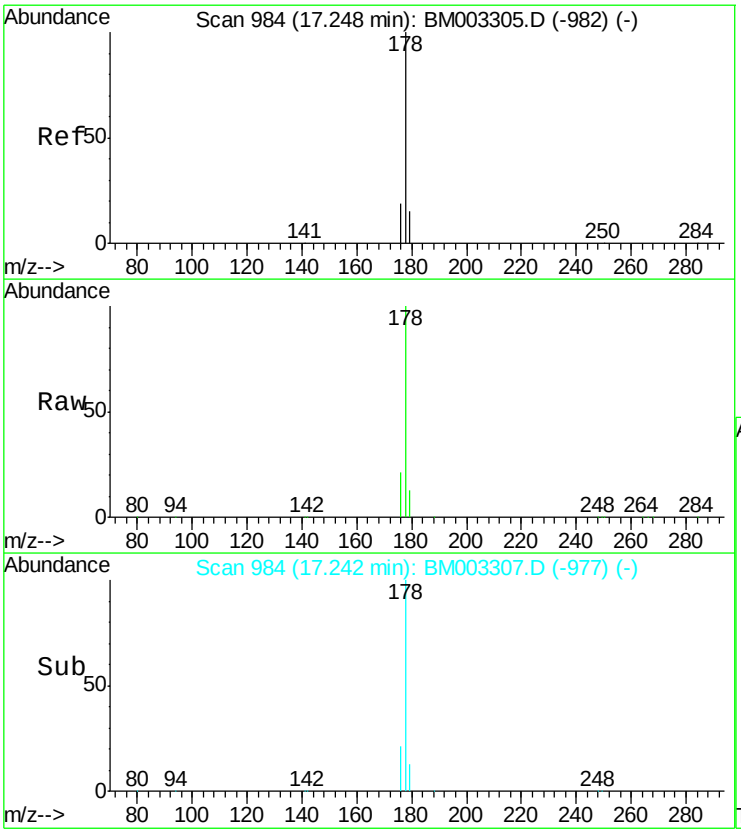
#23
Phenanthrene
Concen: 5.03 ng
RT: 17.16 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 270931

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.9	23.9
179	16.1	11.7	17.5

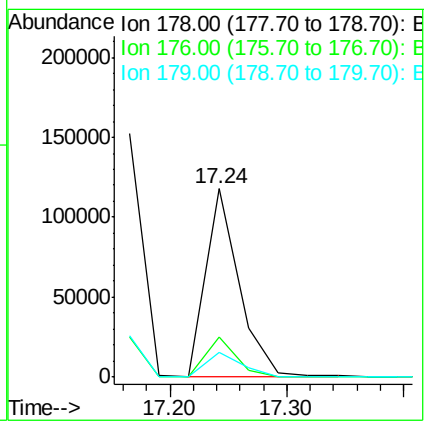


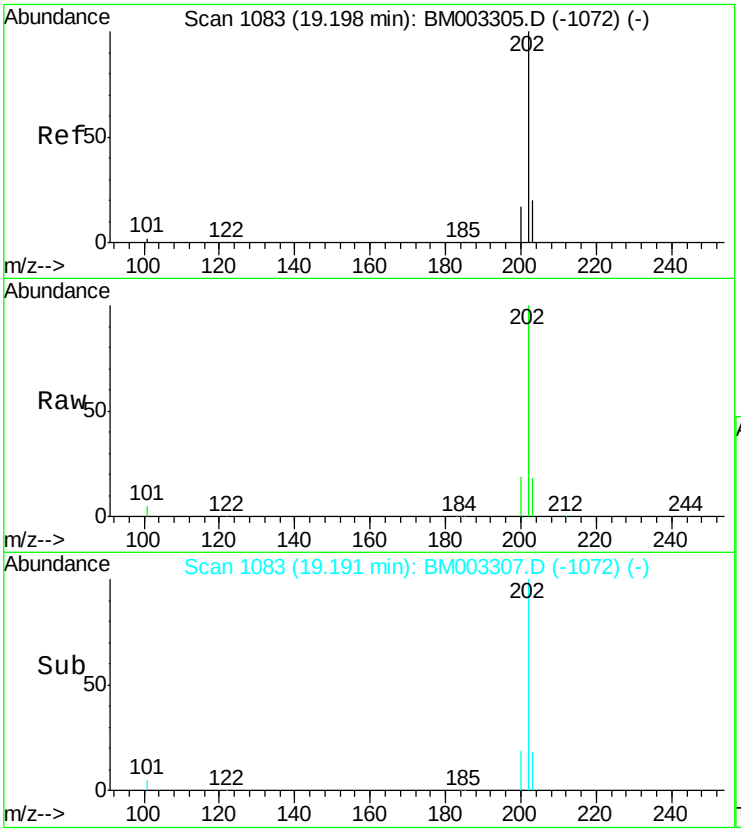


#24
Anthracene
Concen: 5.40 ng
RT: 17.24 min Scan# 984
Delta R.T. -0.03 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Tgt Ion:178 Resp: 231215

Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.1	21.1
179	14.5	12.8	19.2



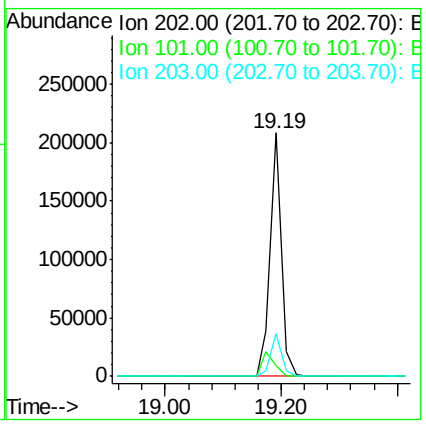


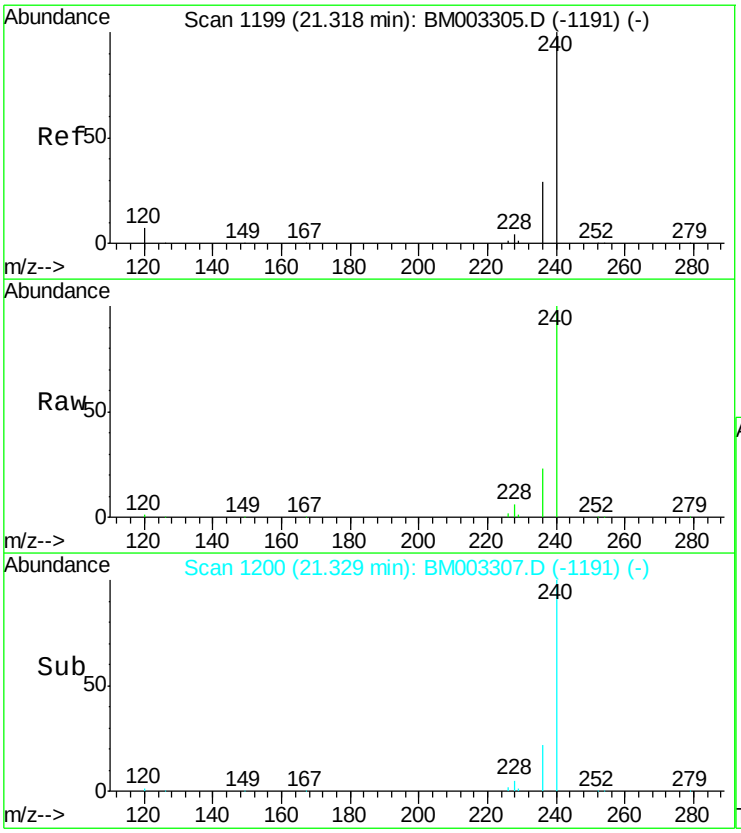
#25
Fluoranthene
Concen: 5.59 ng
RT: 19.19 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 278950

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.9	14.9
203	17.5	13.9	20.9

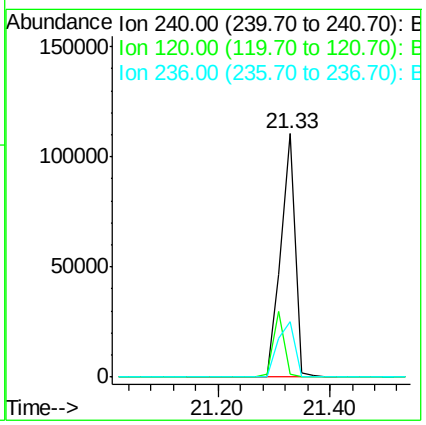


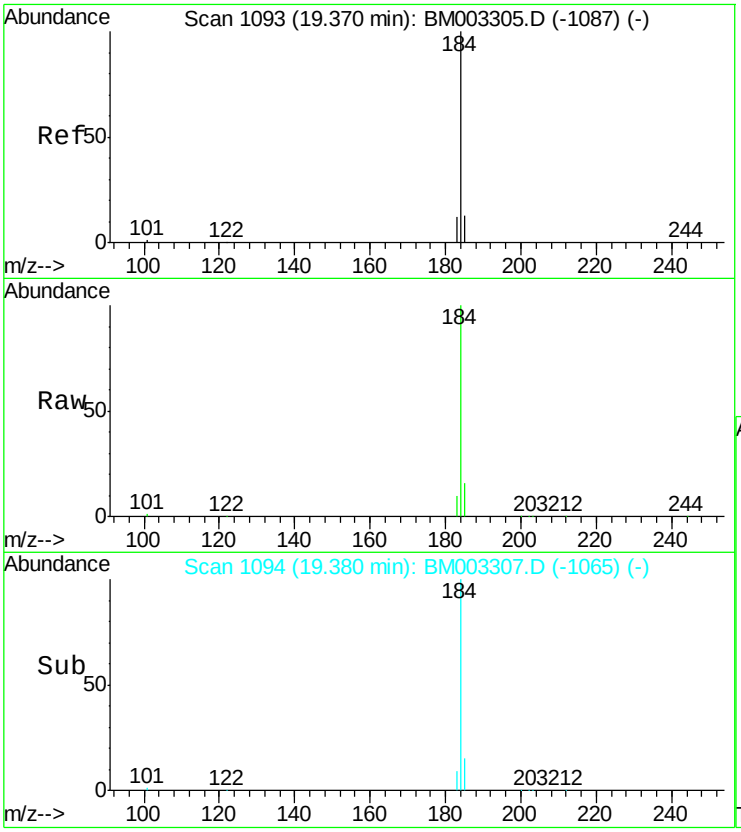


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.33 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Tgt Ion:240 Resp: 196927

Ion	Ratio	Lower	Upper
240	100		
120	1.2	1.0	1.4
236	22.5	17.9	26.9



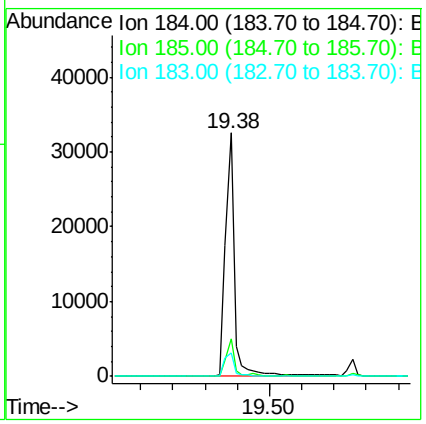


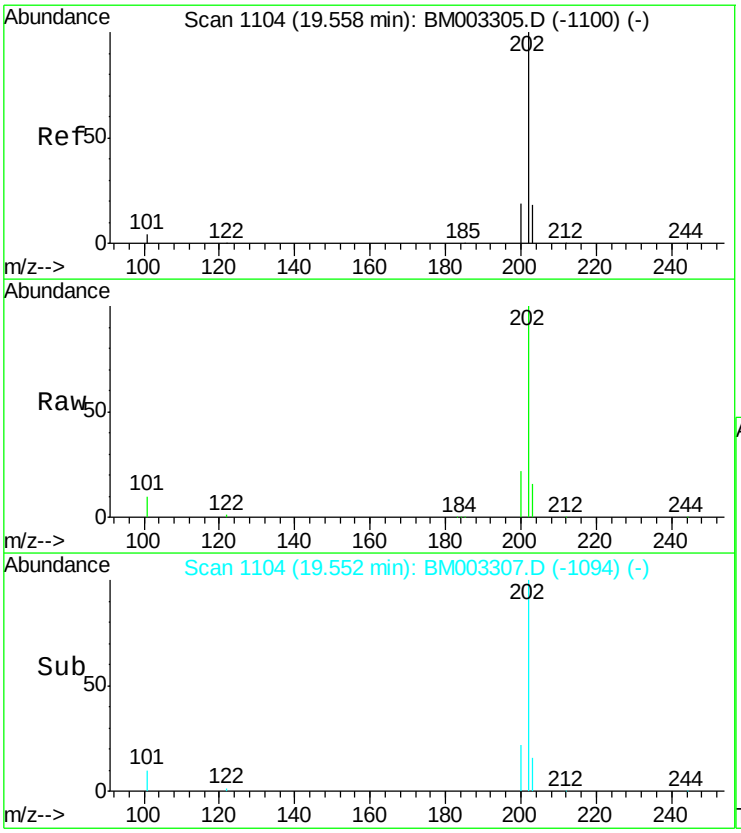
#27
Benzidine
Concen: 8.73 ng
RT: 19.38 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:184 Resp: 62014

Ion	Ratio	Lower	Upper
184	100		
185	15.5	11.6	17.4
183	9.6	8.6	13.0

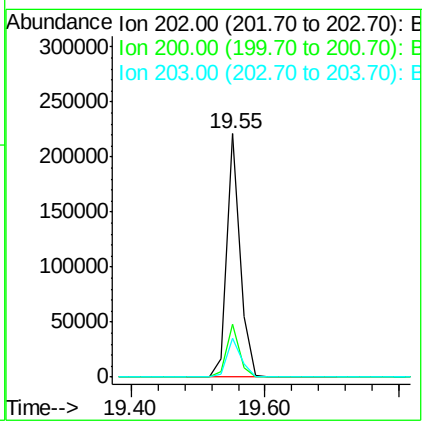


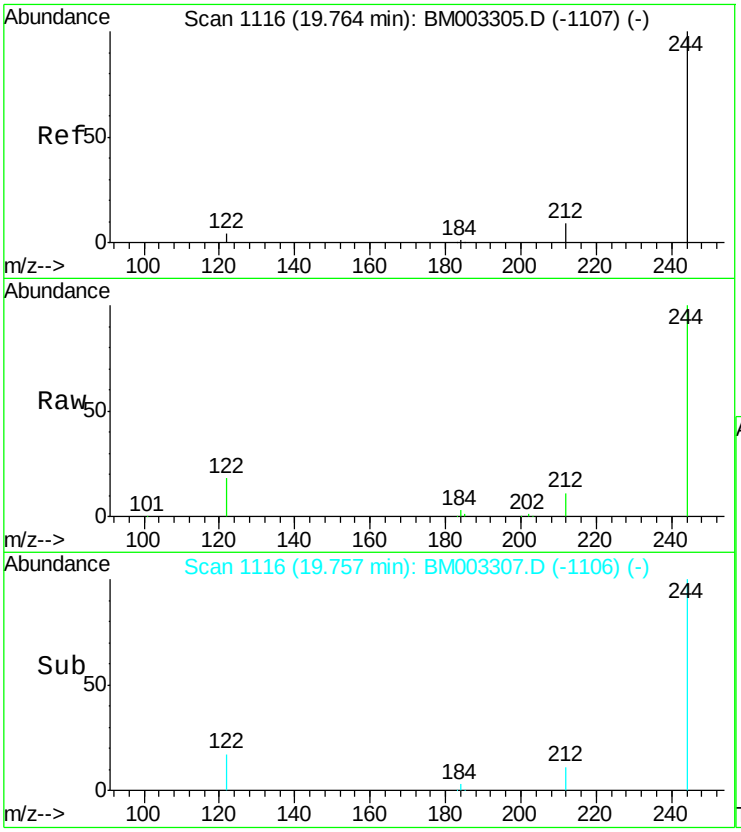


#28
Pyrene
Concen: 5.09 ng
RT: 19.55 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Tgt Ion:202 Resp: 303806

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.2	13.8	20.6



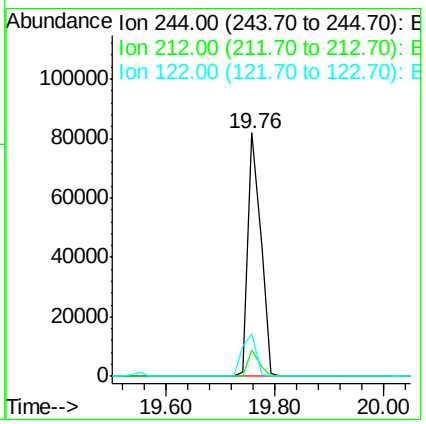


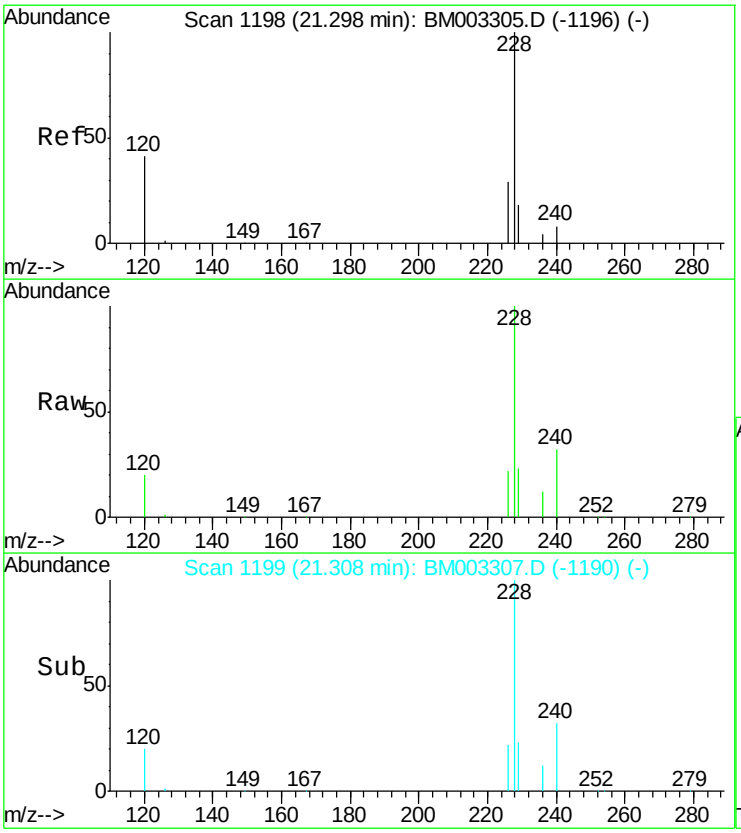
#29
Terphenyl-d14
Concen: 4.78 ng
RT: 19.76 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 131933

Ion	Ratio	Lower	Upper
244	100		
212	10.9	6.5	9.7#
122	17.5	2.0	3.0#

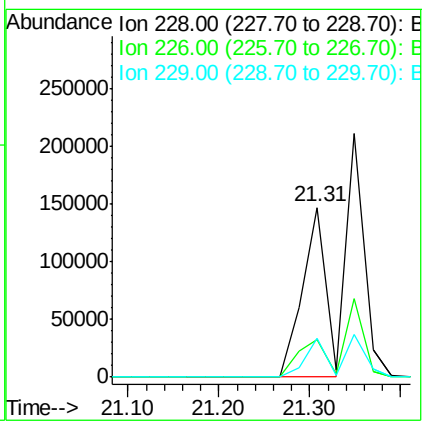


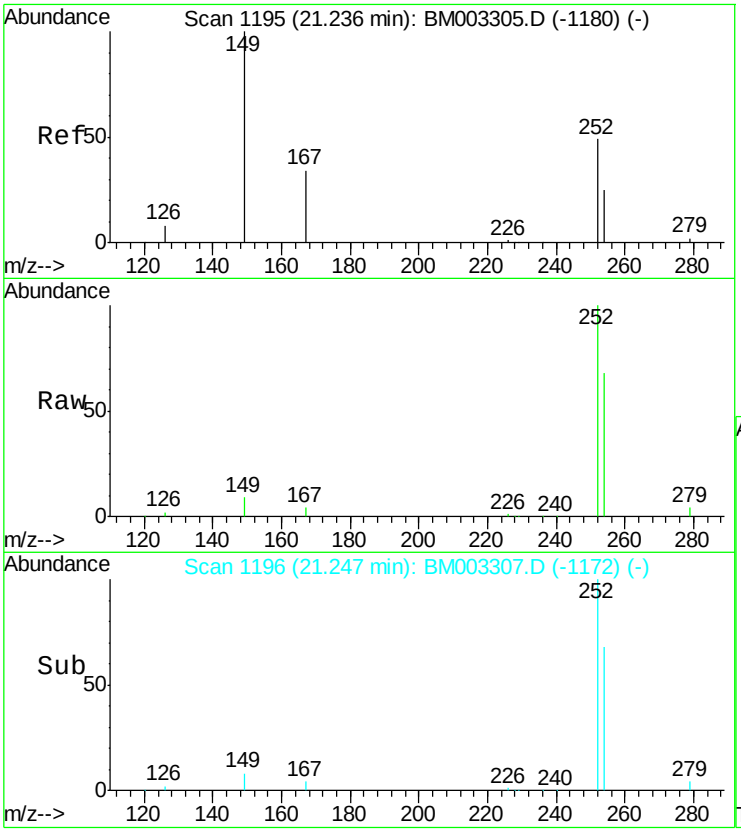


#30
Benzo(a)anthracene
Concen: 5.32 ng
RT: 21.31 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Tgt Ion:228 Resp: 261598

Ion	Ratio	Lower	Upper
228	100		
226	22.1	17.8	26.6
229	22.7	18.0	27.0



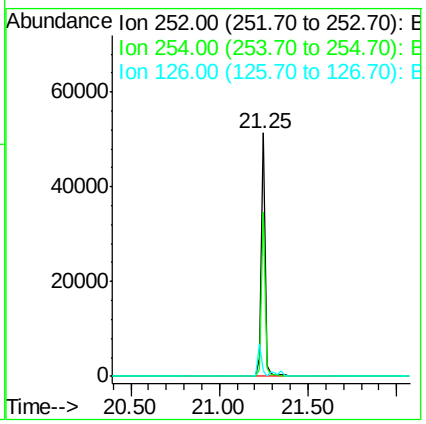


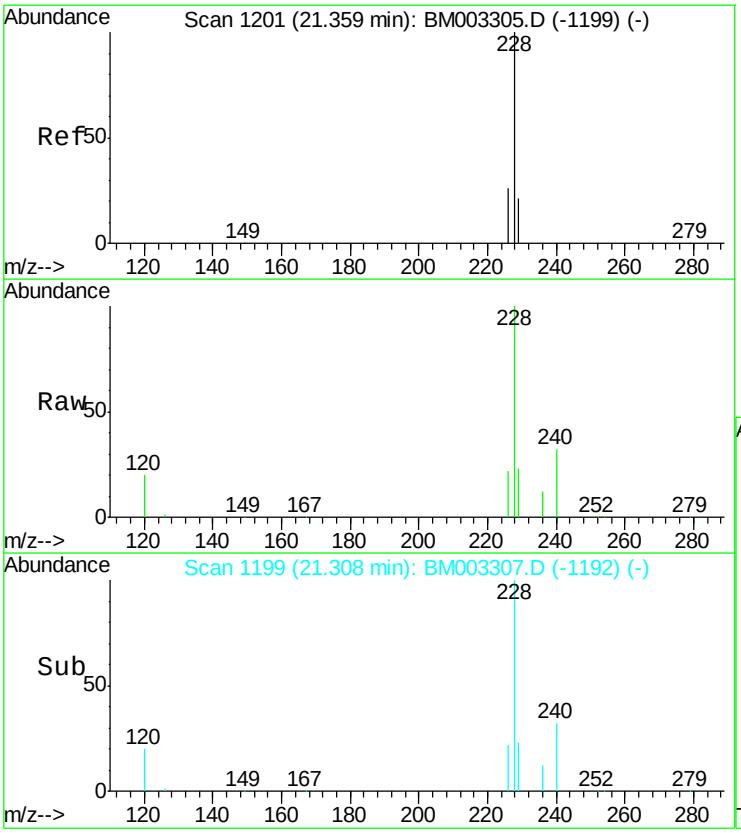
#31
3,3'-Dichlorobenzidine
Concen: 8.55 ng
RT: 21.25 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 73879

Ion	Ratio	Lower	Upper
252	100		
254	67.6	53.7	80.5
126	2.2	2.8	4.2#

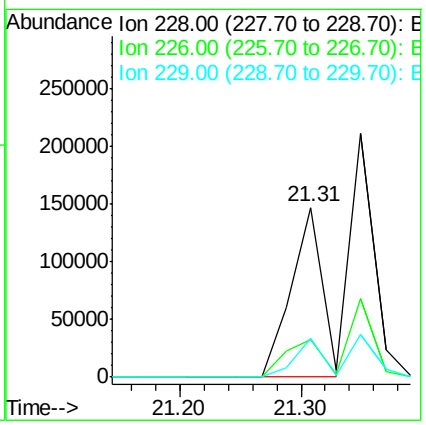


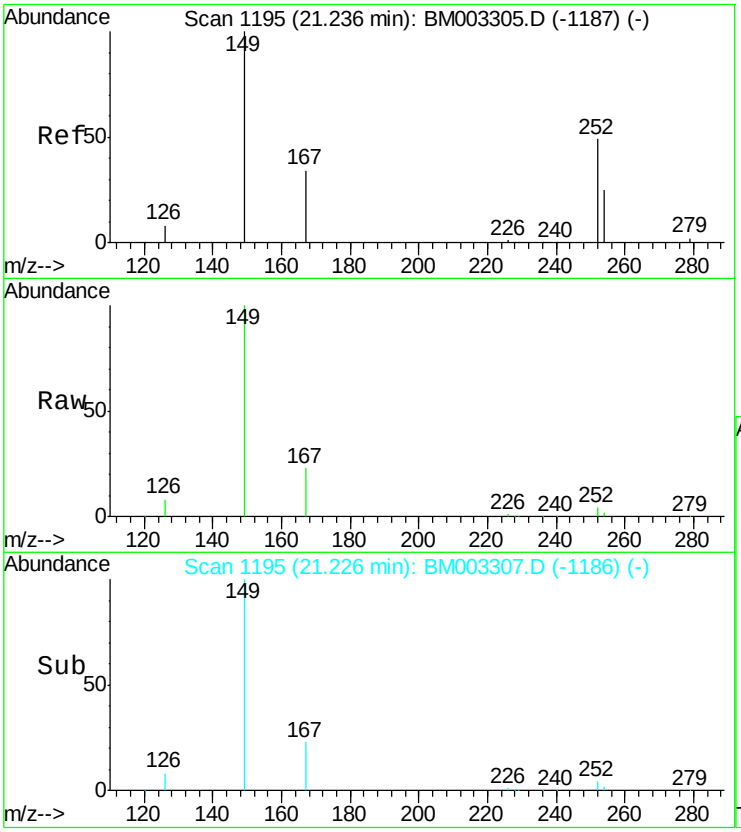


#32
Chrysene
Concen: 4.31 ng
RT: 21.31 min Scan# 1199
Delta R.T. -0.05 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Tgt Ion:228 Resp: 261607

Ion	Ratio	Lower	Upper
228	100		
226	22.1	25.5	38.3#
229	22.7	14.3	21.5#



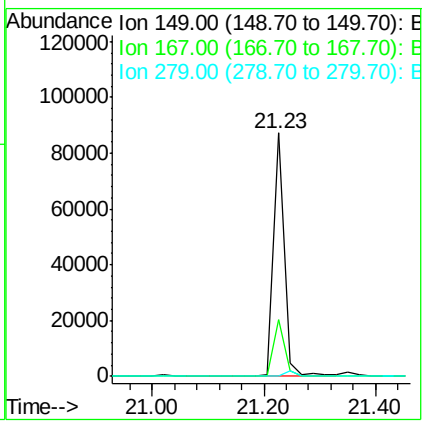


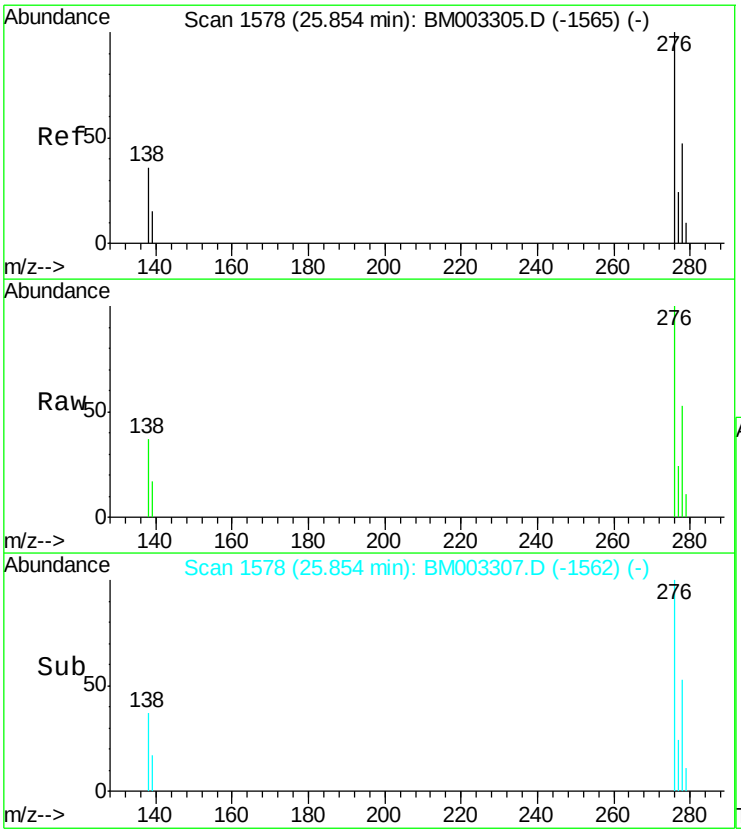
#33
Bis(2-ethylhexyl)phthalate
Concen: 6.25 ng
RT: 21.23 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 114935

Ion	Ratio	Lower	Upper
149	100		
167	23.8	19.6	29.4
279	0.0	0.0	0.0

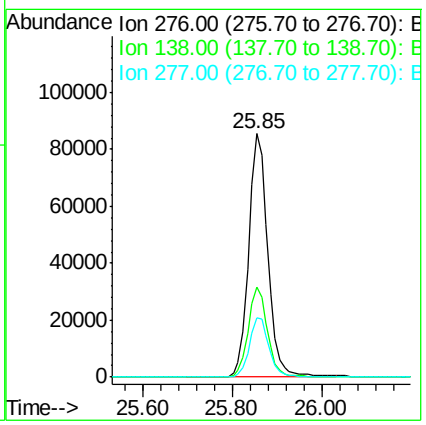


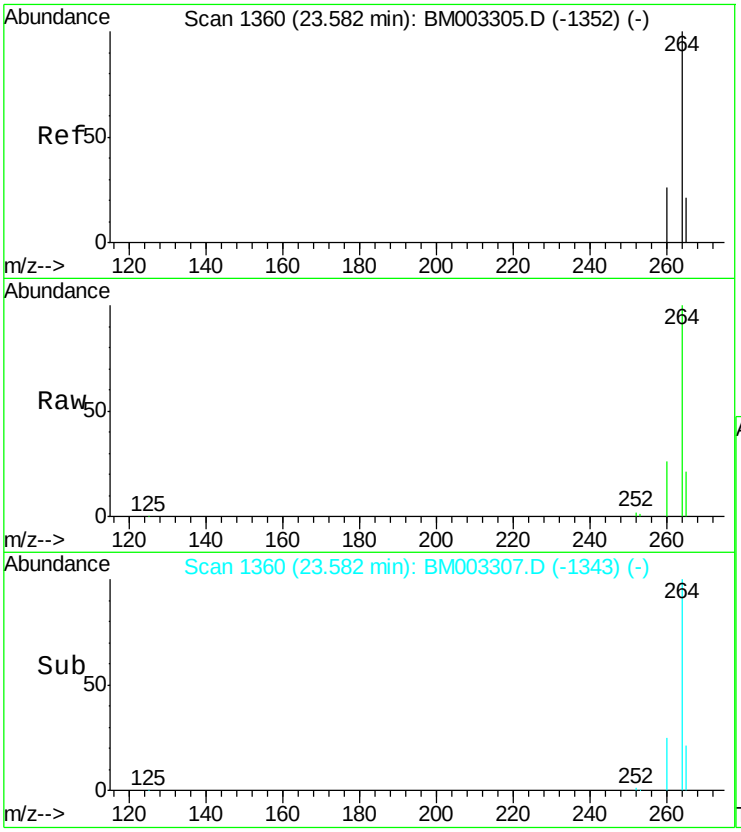


#34
Indeno(1,2,3-cd)pyrene
Concen: 5.83 ng
RT: 25.85 min Scan# 1578
Delta R.T. -0.03 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Tgt Ion:276 Resp: 254071

Ion	Ratio	Lower	Upper
276	100		
138	37.3	19.1	28.7#
277	24.7	15.9	23.9#



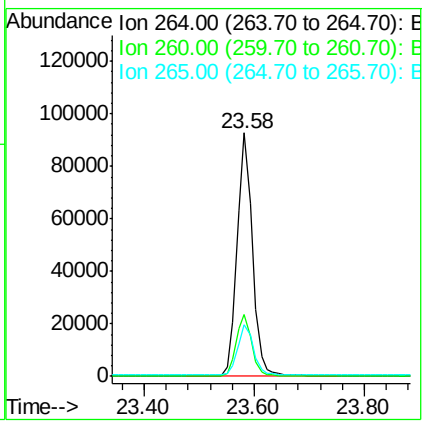


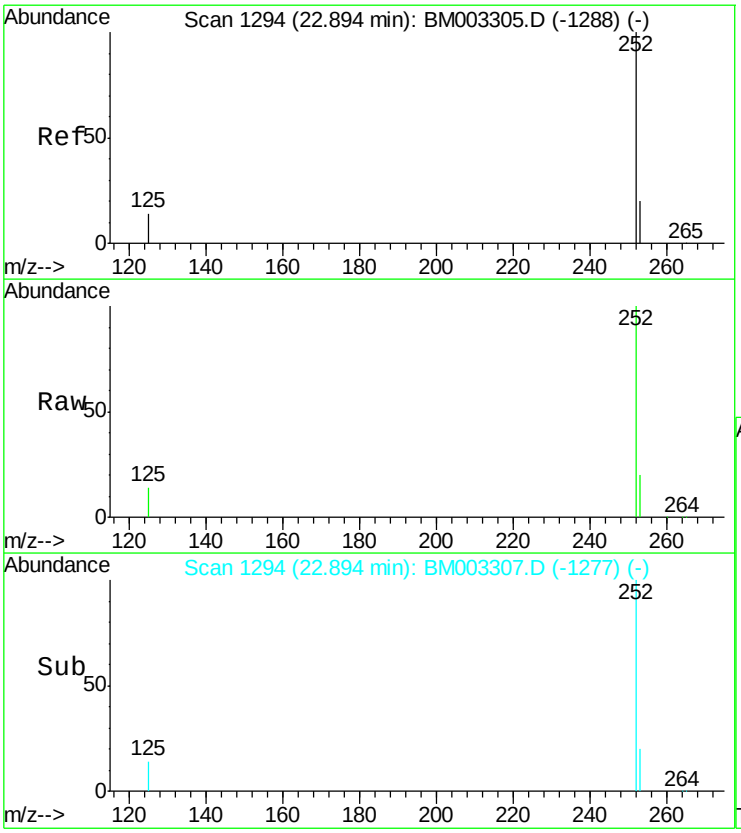
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.58 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:264 Resp: 179976

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.6	29.4
265	21.4	18.4	27.6

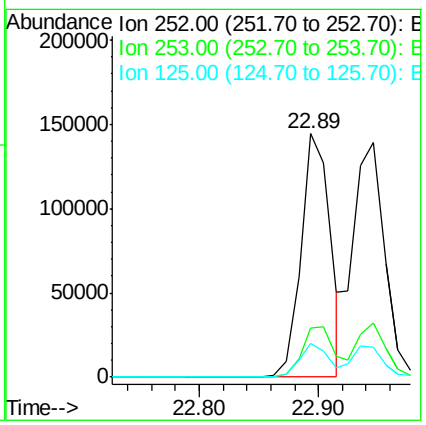


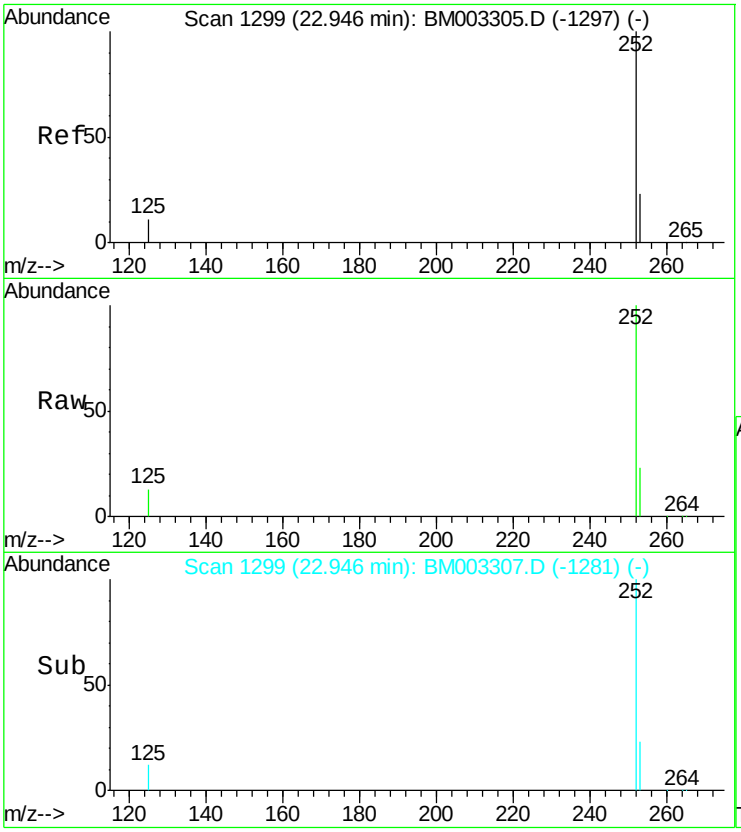


#36
Benzo(b)fluoranthene
Concen: 4.85 ng
RT: 22.89 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Tgt Ion:252 Resp: 244420

Ion	Ratio	Lower	Upper
252	100		
253	20.3	18.2	27.4
125	14.1	10.3	15.5



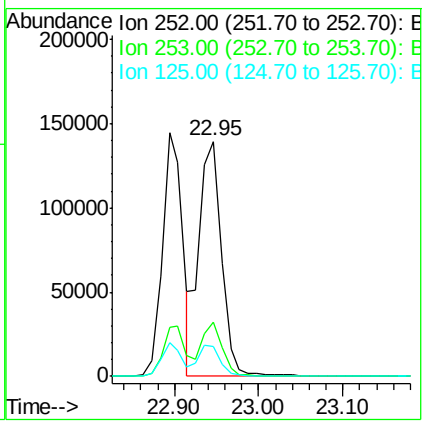


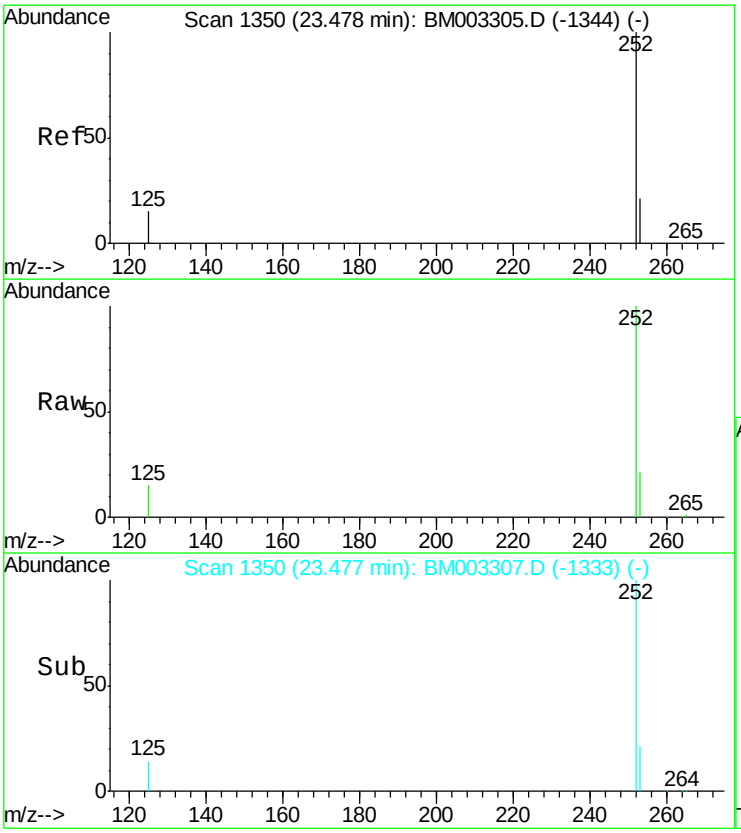
#37
Benzo(k)fluoranthene
Concen: 5.07 ng
RT: 22.95 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 254979

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	12.6	10.7	16.1

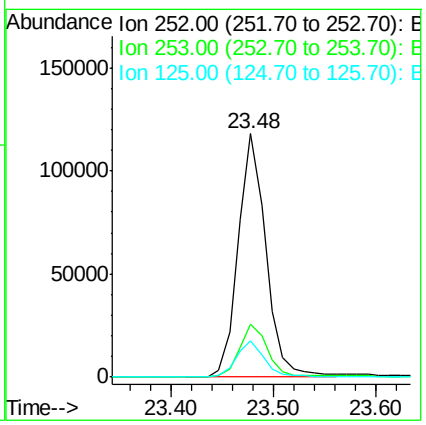


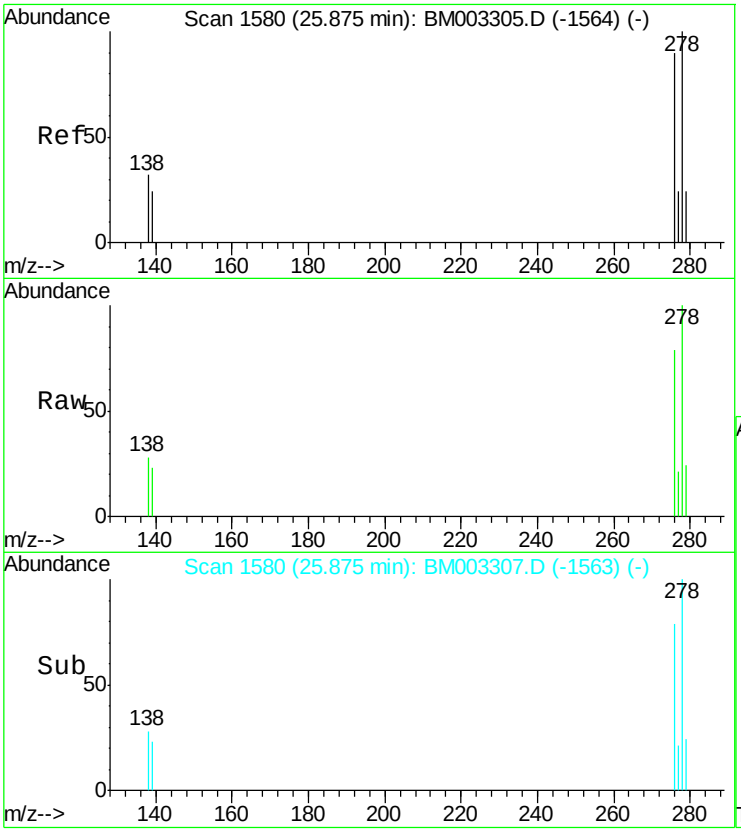


#38
Benzo(a)pyrene
Concen: 5.58 ng
RT: 23.48 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Tgt Ion:252 Resp: 221152

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.7	28.1
125	14.6	11.6	17.4



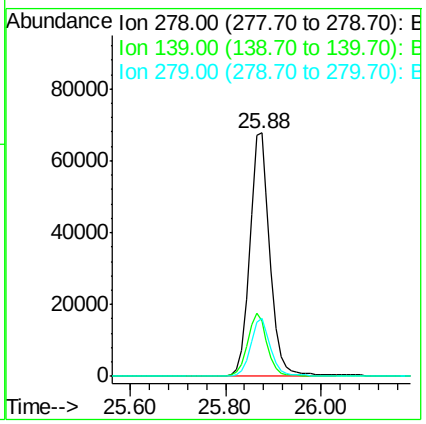


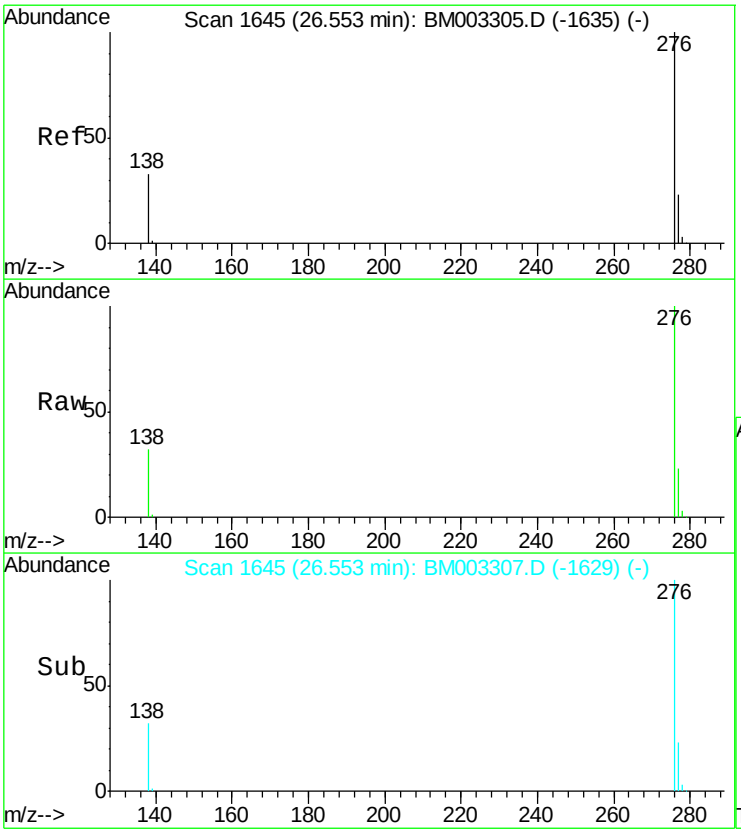
#39
Dibenzo(a,h)anthracene
Concen: 5.92 ng
RT: 25.88 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 199666

Ion	Ratio	Lower	Upper
278	100		
139	22.6	18.2	27.4
279	23.8	18.8	28.2





#40
Benzo(g,h,i)perylene
Concen: 5.12 ng
RT: 26.55 min Scan# 1645
Delta R.T. -0.03 min
Lab File: BM003307.D
Acq: 27 Nov 2015 14:56

Tgt Ion:276 Resp: 216782

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.0	28.6
138	32.0	22.3	33.5