Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM120215\
Data File : BM003359.D
Acq On : 02 Dec 2015 16:57
Operator : UM/IZ
Sample : SSTDICV001
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ICVBM120215

Quant Time: Dec 02 17:34:19 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 17:30:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	75707	5.00	ng		0.00
7) Naphthalene-d8	10.51	136	329898	5.00	ng		0.00
13) Acenaphthene-d10	14.37	164	192163	5.00	ng		0.00
19) Phenanthrene-d10	17.11	188	471297	5.00	ng		0.00
26) Chrysene-d12	21.33	240	257629	5.00	ng		0.00
35) Perylene-d12	23.58	264	206757	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	13711	0.91	ng		0.00
5) Phenol-d6	6.88	99	17072	0.92	ng		0.00
8) Nitrobenzene-d5	8.88	82	14175	0.92	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	3729	0.94	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	53340	0.92	ng		0.00
29) Terphenyl-d14	19.76	244	42694	1.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	6303	0.93	ng		97
3) n-Nitrosodimethylamine	3.54	42	6669	0.95	ng		99
6) bis(2-Chloroethyl)ether	7.14	93	17224	0.95	ng		100
9) Nitrobenzene	8.92	77	15331	0.92	ng		99
10) Naphthalene	10.56	128	67268	0.95	ng		98
11) Hexachlorobutadiene	10.85	225	10656	0.98	ng		100
12) 2-Methylnaphthalene	12.18	142	45944	0.94	ng		94
16) Acenaphthylene	14.08	152	71198	0.94	ng		100
17) Acenaphthene	14.44	154	45491	0.90	ng	#	100
18) Fluorene	15.42	166	51942	0.91	ng		100
20) 4-Bromophenyl-phenylether	16.32	248	11561	0.85	ng	#	35
21) Hexachlorobenzene	16.42	284	14169	0.92	ng	#	59
22) Pentachlorophenol	16.78	266	3901	0.85	ng	#	81
23) Phenanthrene	17.24	178	83418	0.92	ng		99
24) Anthracene	17.24	178	85910	0.90	ng		97
25) Fluoranthene	19.19	202	84989	0.90	ng		100
27) Benzidine	19.38	184	18864	0.93	ng		96
28) Pyrene	19.55	202	91418	0.98	ng		100
30) Benzo(a)anthracene	21.31	228	62867	0.90	ng		99
31) 3,3'-Dichlorobenzidine	21.25	252	15166	0.81	ng		96
32) Chrysene	21.31	228	62864	0.78	ng	#	84
33) Bis(2-ethylhexyl)phthalate	21.23	149	28910	0.86	ng	#	99
34) Indeno(1,2,3-cd)pyrene	25.86	276	53703	0.90	ng	#	80
36) Benzo(b)fluoranthene	22.90	252	58432	0.93	ng		99
37) Benzo(k)fluoranthene	22.94	252	51845	0.92	ng		99
38) Benzo(a)pyrene	23.47	252	45567	0.88	ng		96
39) Dibenzo(a,h)anthracene	25.87	278	43603	0.93	ng		98
40) Benzo(g,h,i)perylene	26.55	276	45319	0.91	ng		94

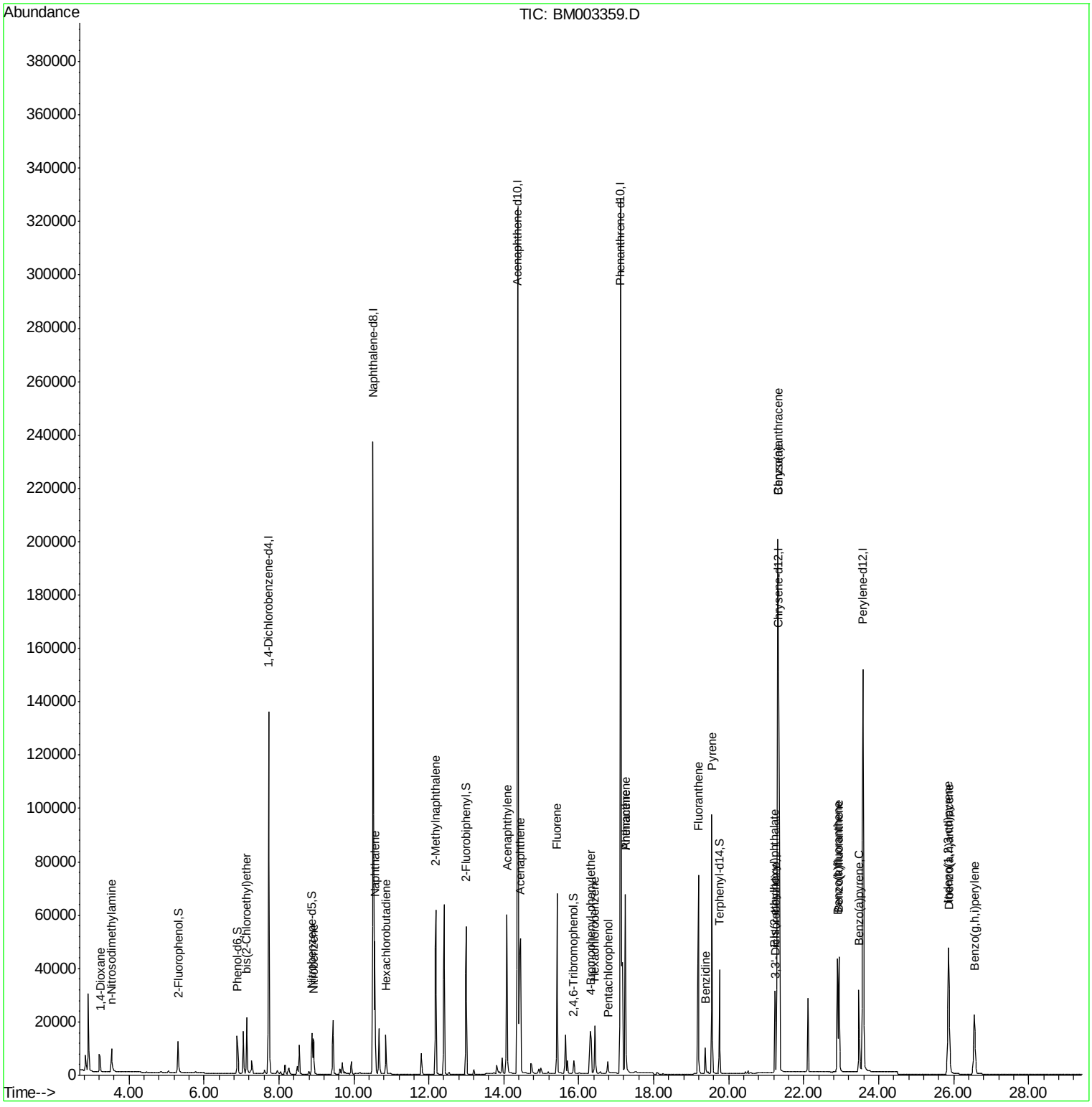
(#) = qualifier out of range (m) = manual integration (+) = signals summed

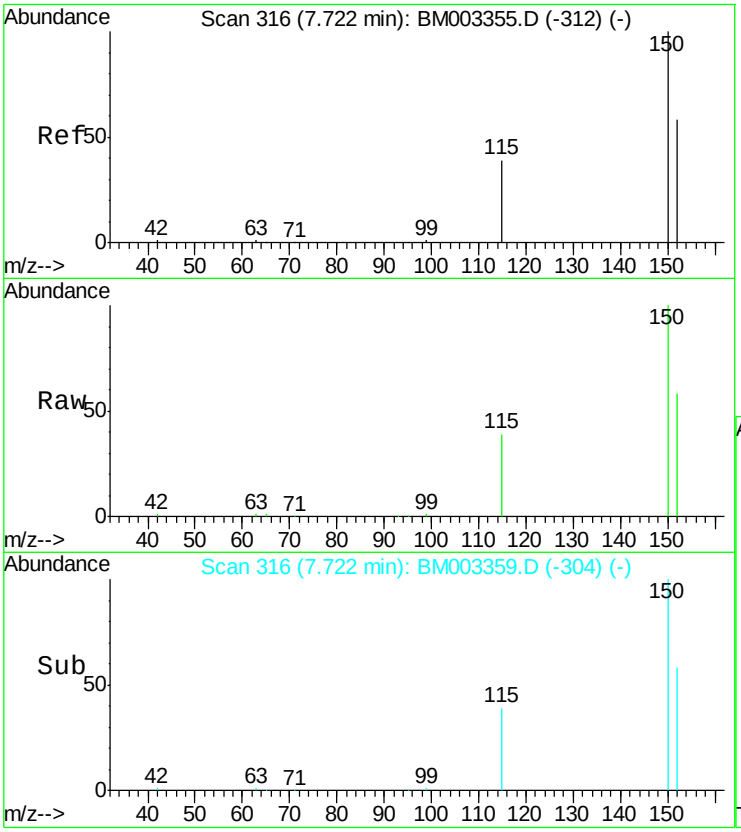
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM120215\
Data File : BM003359.D
Acq On : 02 Dec 2015 16:57
Operator : UM/IZ
Sample : SSTDICV001
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM120215

Quant Time: Dec 02 17:34:19 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 17:30:44 2015
Response via : Initial Calibration



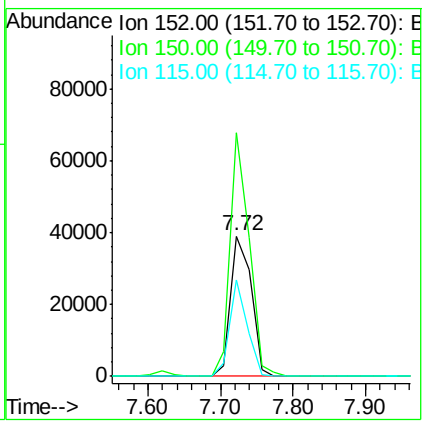


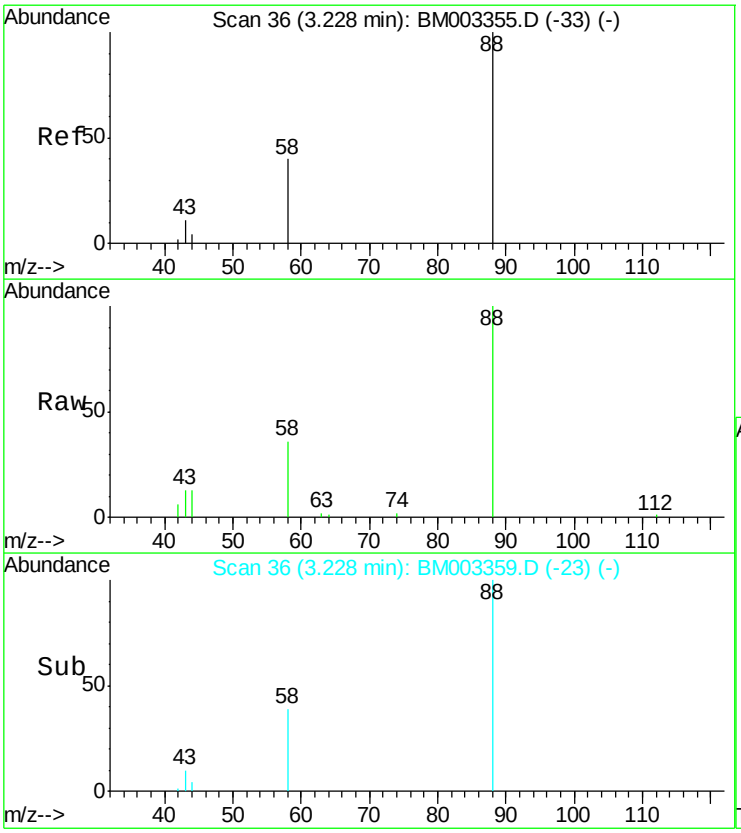
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.72 min Scan# 316
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Instrument :
BNA_M
ClientSampleId :
ICVBM120215

Tgt Ion:152 Resp: 75707

Ion	Ratio	Lower	Upper
152	100		
150	173.4	143.6	215.4
115	68.2	58.5	87.7

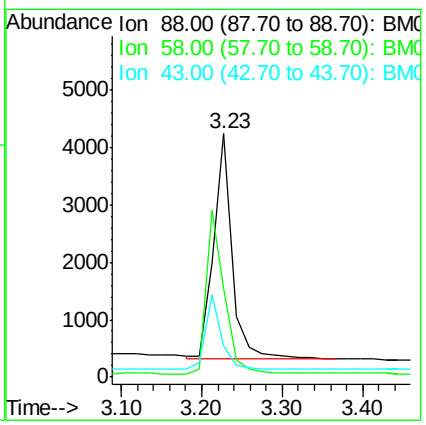


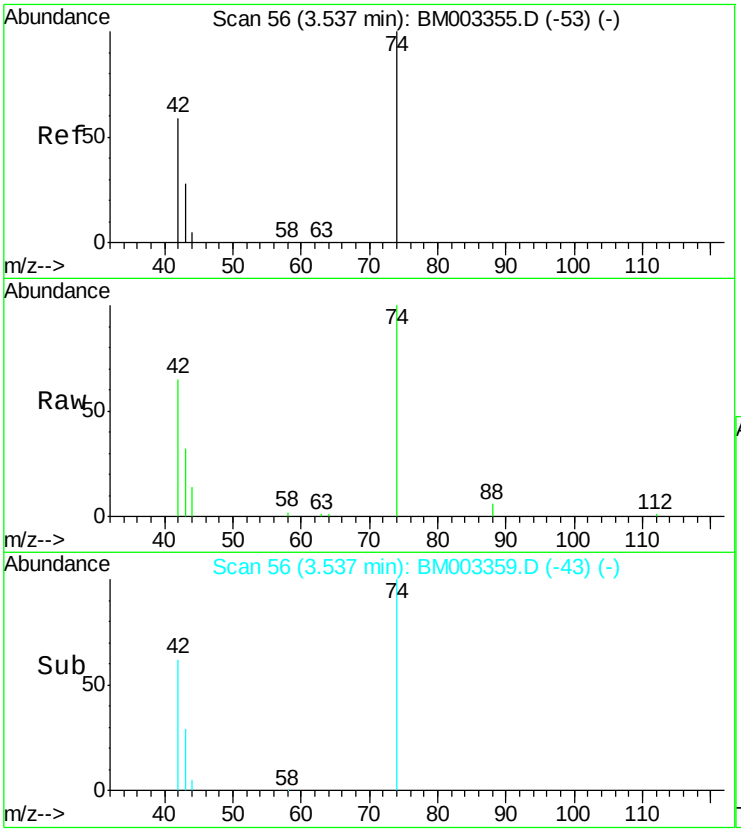


#2
1,4-Dioxane
Concen: 0.93 ng
RT: 3.23 min Scan# 36
Delta R.T. 0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Tgt Ion: 88 Resp: 6303

Ion	Ratio	Lower	Upper
88	100		
58	71.0	55.2	82.8
43	29.4	21.8	32.6



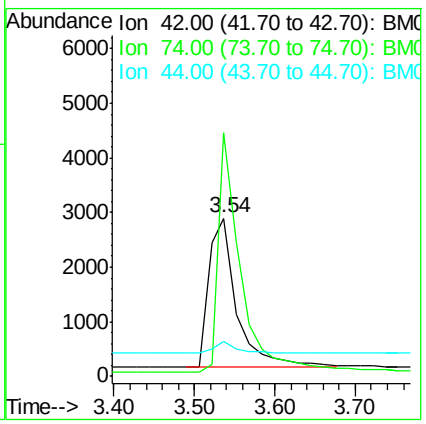


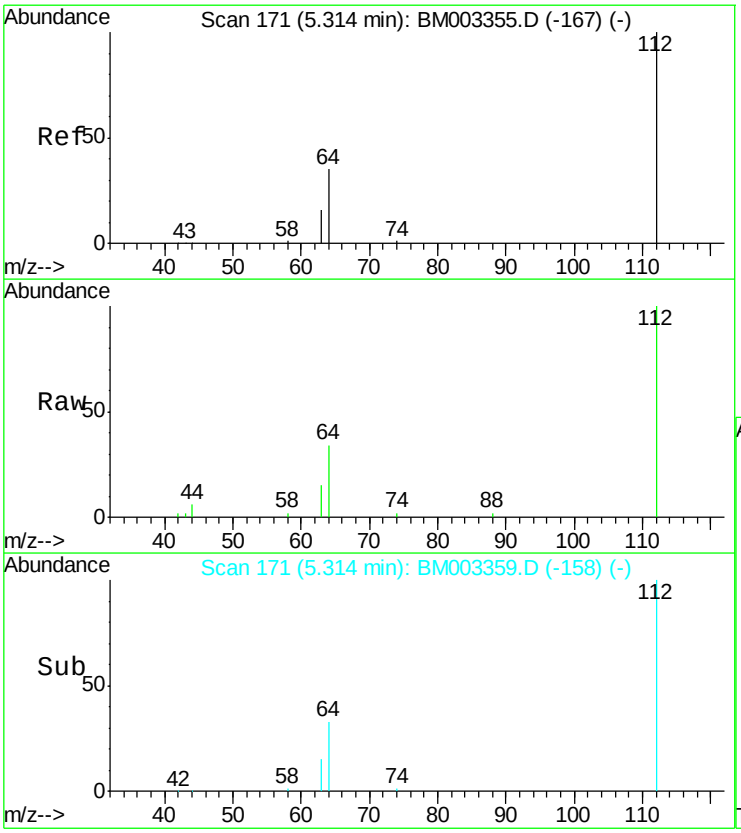
#3
n-Nitrosodimethylamine
Concen: 0.95 ng
RT: 3.54 min Scan# 56
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Instrument :
BNA_M
ClientSampleId :
ICVBM120215

Tgt Ion: 42 Resp: 6669

Ion	Ratio	Lower	Upper
42	100		
74	127.1	101.0	151.4
44	7.4	6.3	9.5

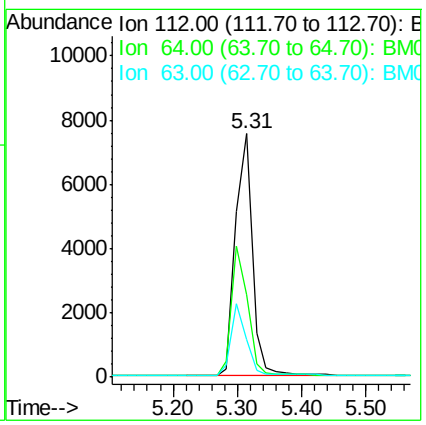


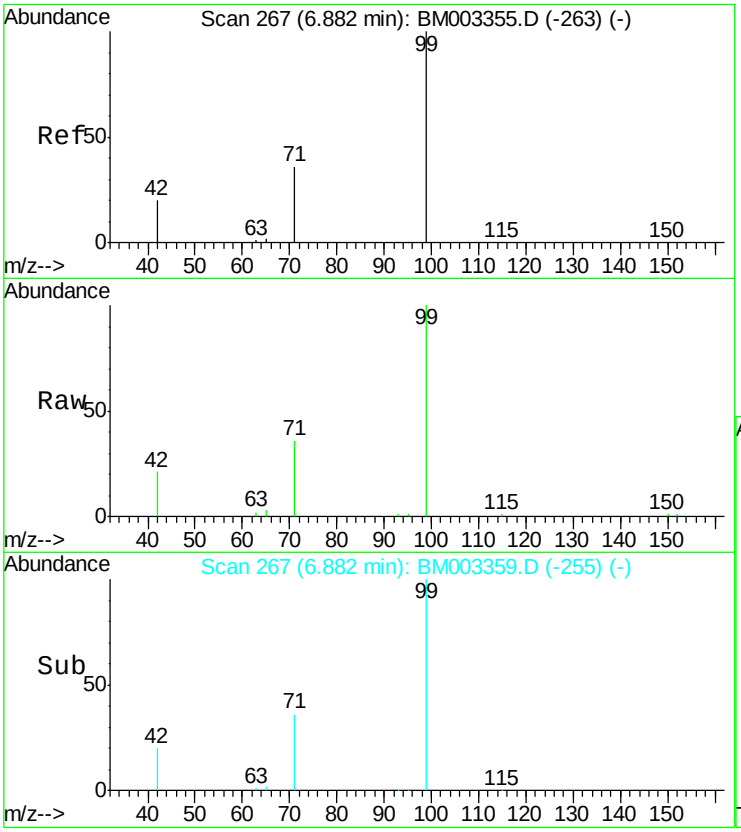


#4
2-Fluorophenol
Concen: 0.91 ng
RT: 5.31 min Scan# 171
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Tgt Ion:112 Resp: 13711

Ion	Ratio	Lower	Upper
112	100		
64	51.2	41.2	61.8
63	26.9	21.2	31.8



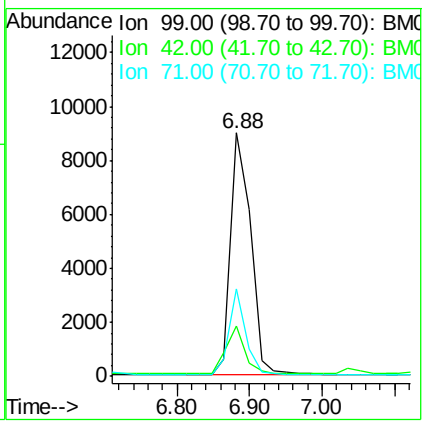


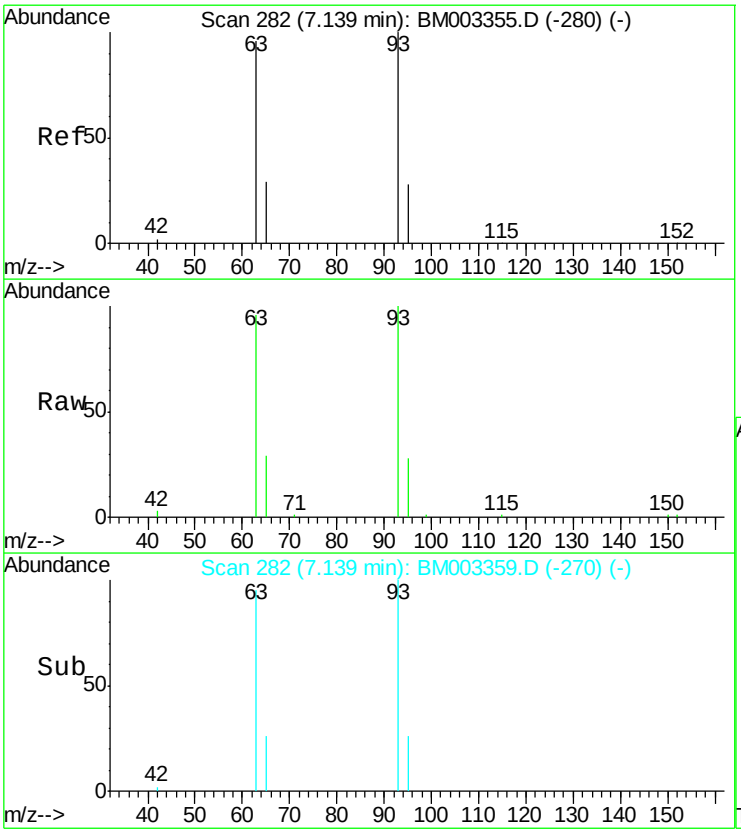
#5
Phenol-d6
Concen: 0.92 ng
RT: 6.88 min Scan# 267
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Instrument :
BNA_M
ClientSampleId :
ICVBM120215

Tgt Ion: 99 Resp: 17072

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.6	22.0
71	29.7	23.3	34.9

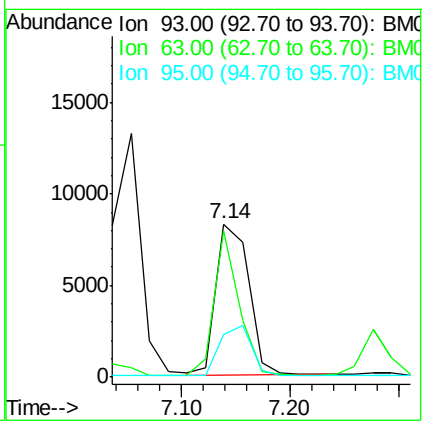


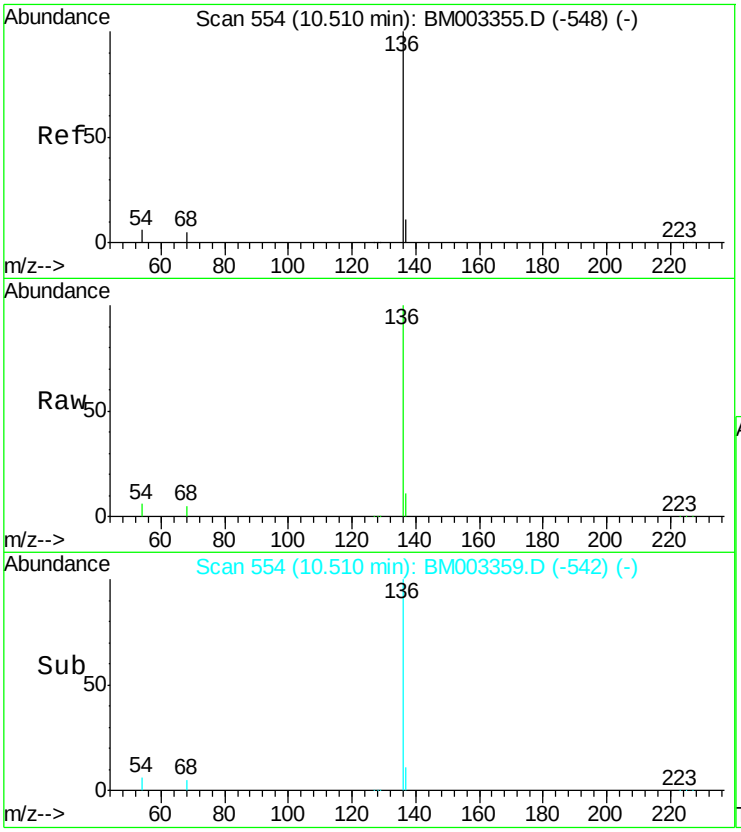


#6
bis(2-Chloroethyl)ether
Concen: 0.95 ng
RT: 7.14 min Scan# 282
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Tgt Ion: 93 Resp: 17224

Ion	Ratio	Lower	Upper
93	100		
63	73.0	58.2	87.4
95	32.4	26.2	39.4



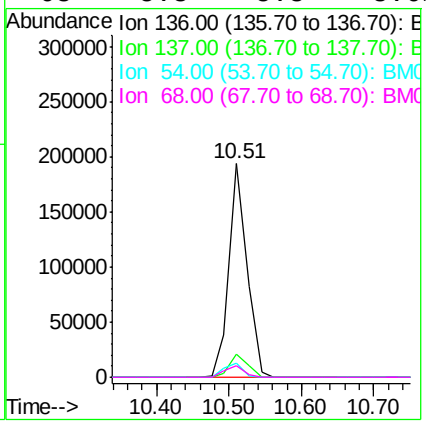


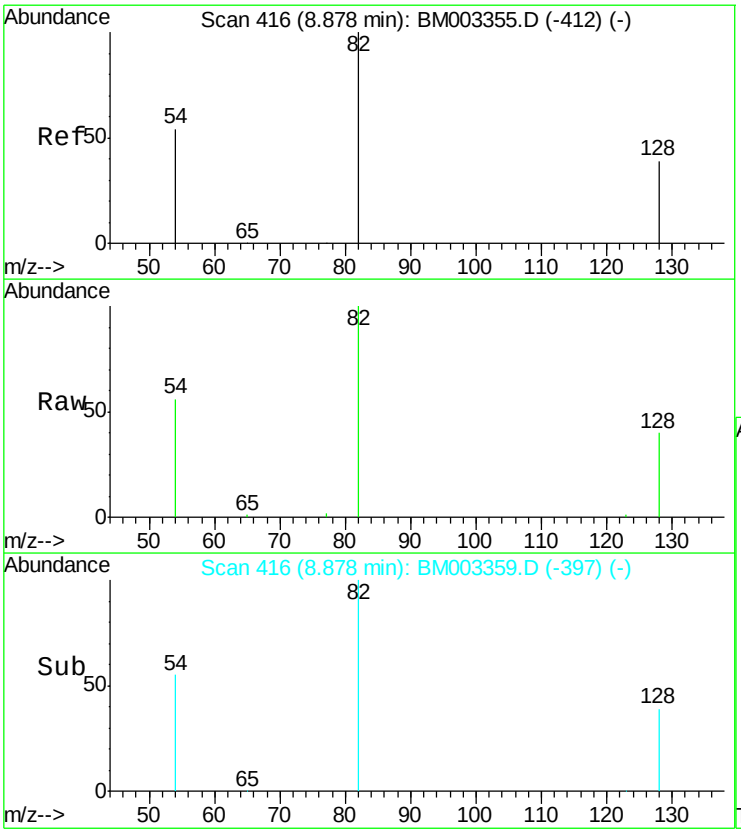
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.51 min Scan# 554
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Instrument :
BNA_M
ClientSampleId :
ICVBM120215

Tgt Ion:136 Resp: 329898

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.0	12.0
54	6.5	7.4	11.0#
68	5.3	5.8	8.6#

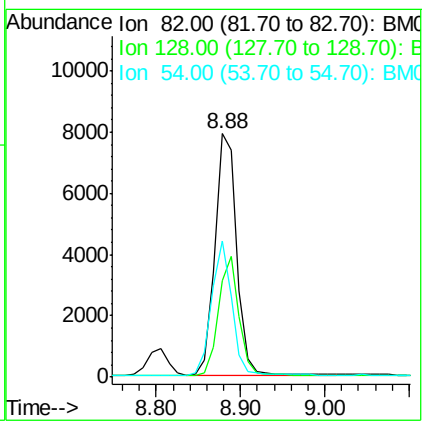


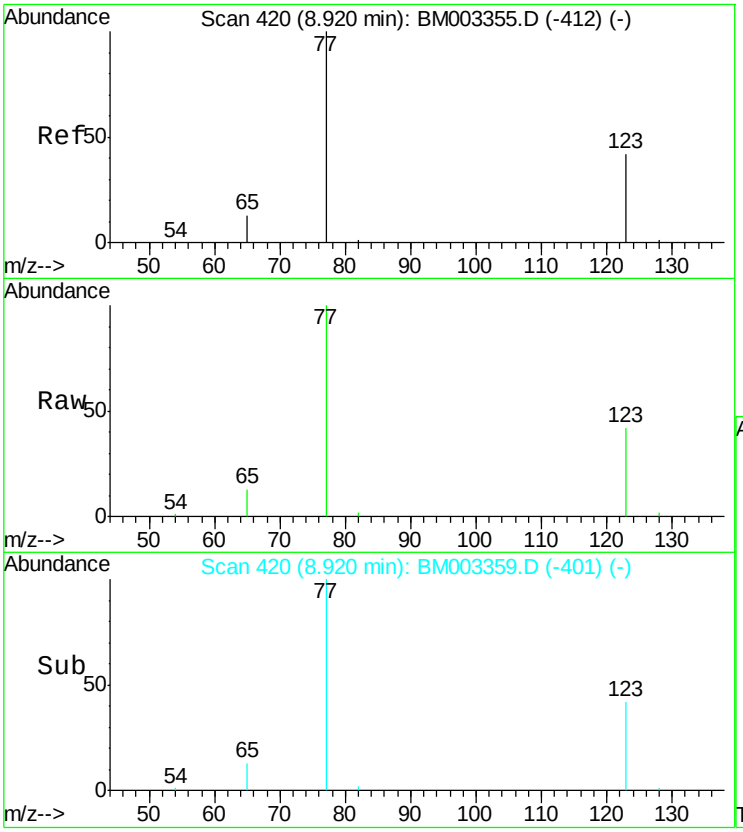


#8
Nitrobenzene-d5
Concen: 0.92 ng
RT: 8.88 min Scan# 416
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Tgt Ion: 82 Resp: 14175

Ion	Ratio	Lower	Upper
82	100		
128	39.5	35.2	52.8
54	55.8	36.4	54.6#



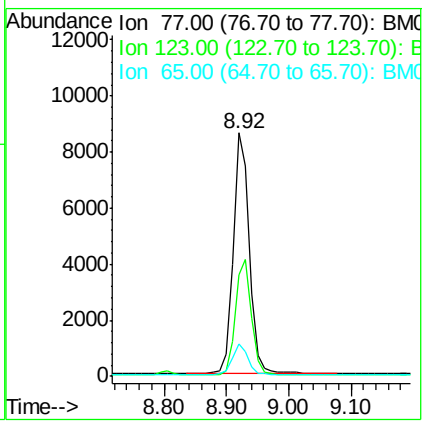


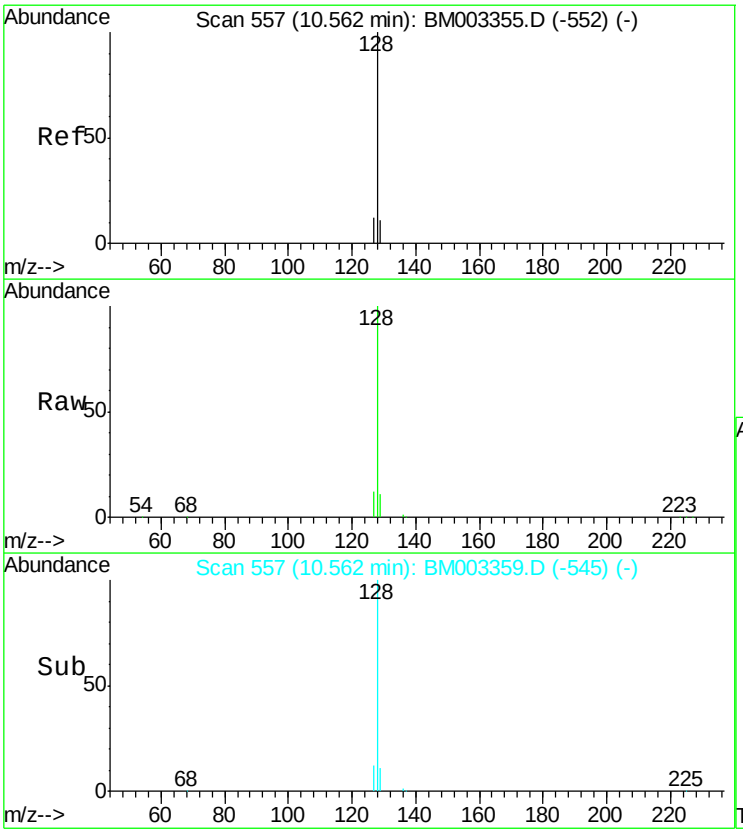
#9
Nitrobenzene
Concen: 0.92 ng
RT: 8.92 min Scan# 420
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Instrument :
BNA_M
ClientSampleId :
ICVBM120215

Tgt Ion: 77 Resp: 15331

Ion	Ratio	Lower	Upper
77	100		
123	48.2	37.7	56.5
65	12.3	9.8	14.6

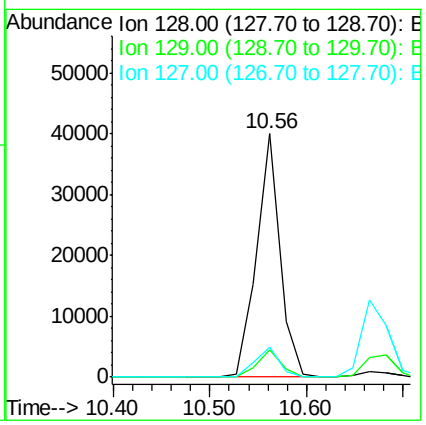


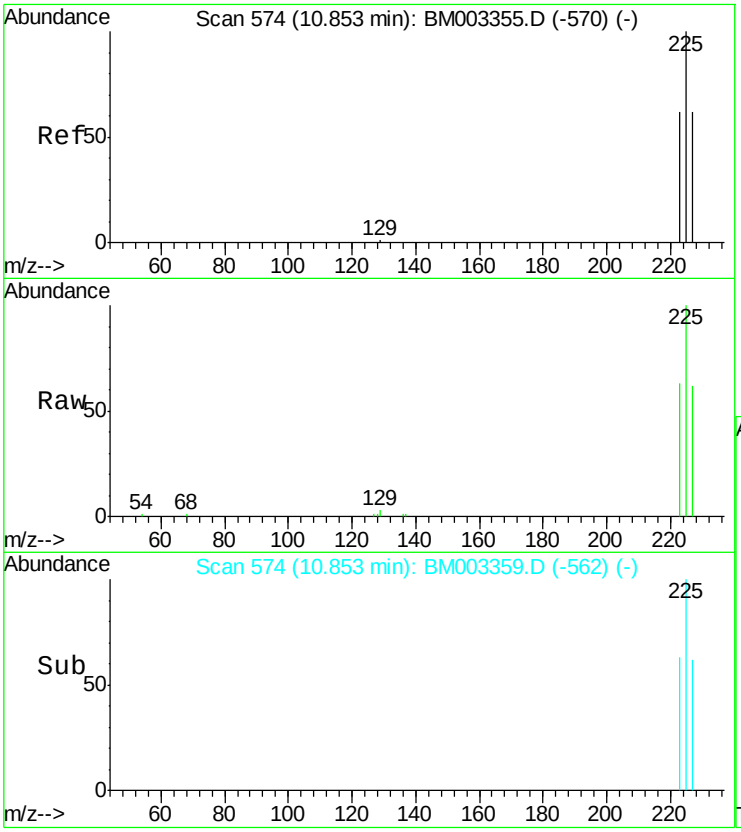


#10
Naphthalene
Concen: 0.95 ng
RT: 10.56 min Scan# 557
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Tgt Ion:128 Resp: 67268

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.5	12.7
127	12.2	10.6	16.0



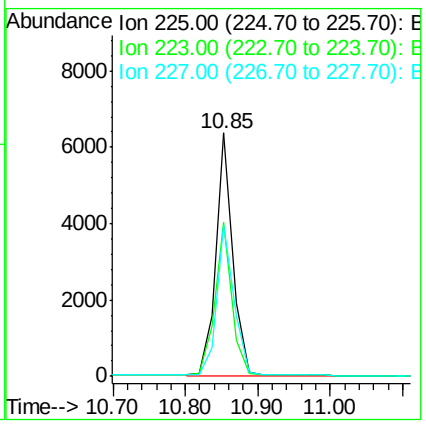


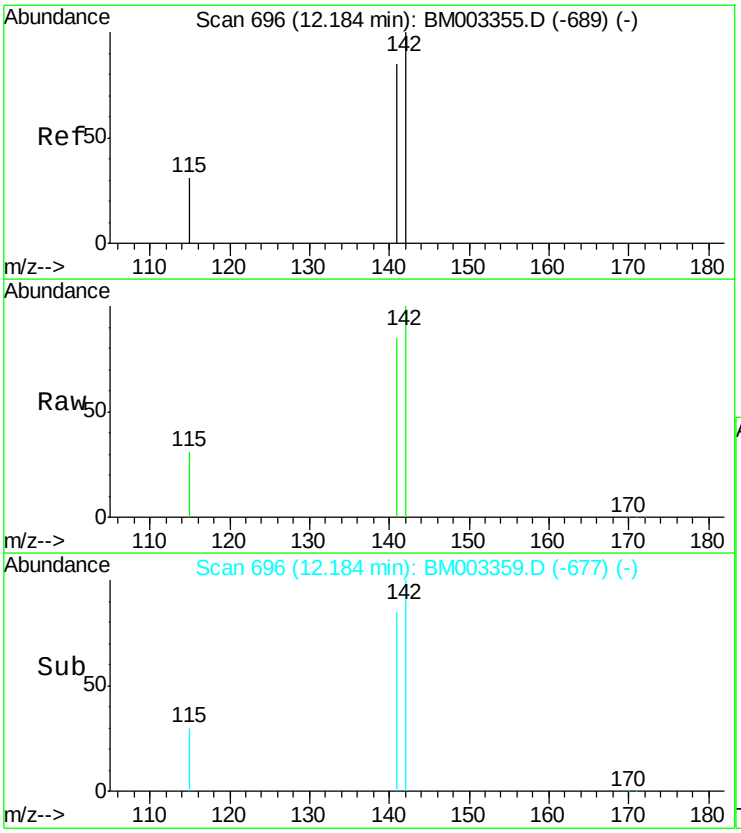
#11
Hexachlorobutadiene
Concen: 0.98 ng
RT: 10.85 min Scan# 574
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Instrument :
BNA_M
ClientSampleId :
ICVBM120215

Tgt Ion:225 Resp: 10656

Ion	Ratio	Lower	Upper
225	100		
223	65.8	53.0	79.4
227	65.5	52.2	78.4

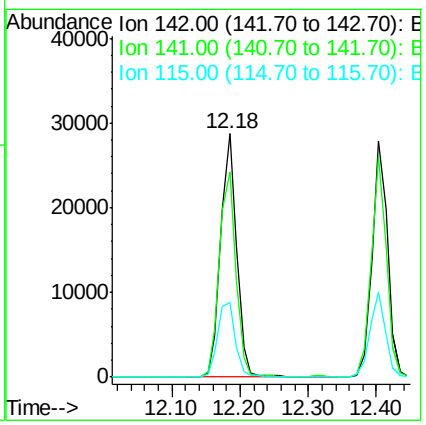


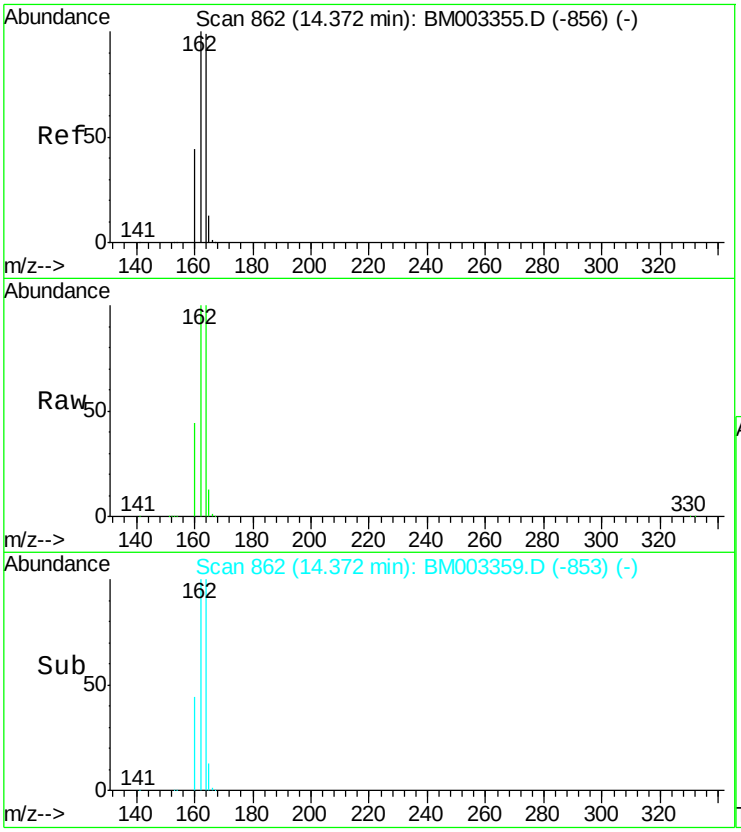


#12
2-Methylnaphthalene
Concen: 0.94 ng
RT: 12.18 min Scan# 696
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Tgt Ion:142 Resp: 45944

Ion	Ratio	Lower	Upper
142	100		
141	84.5	72.2	108.2
115	30.5	28.0	42.0



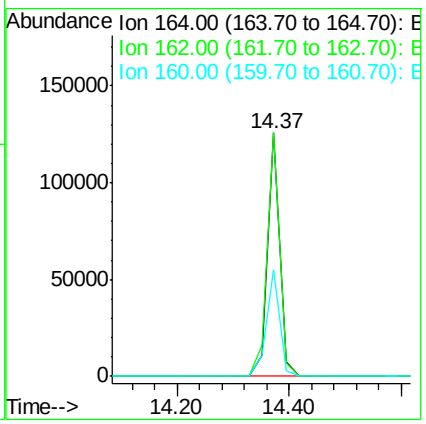


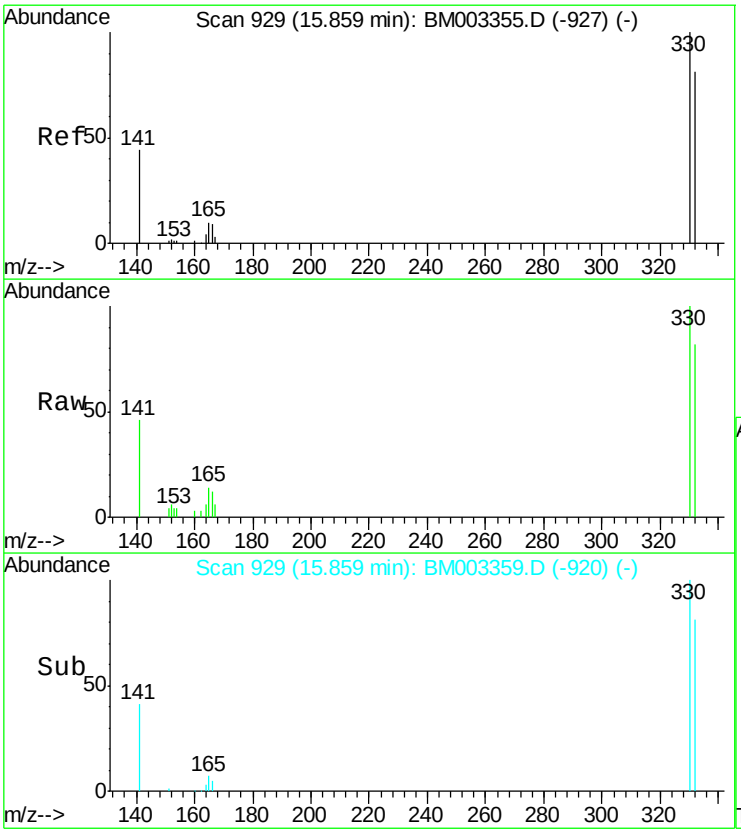
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.37 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Instrument :
BNA_M
ClientSampleId :
ICVBM120215

Tgt Ion:164 Resp: 192163

Ion	Ratio	Lower	Upper
164	100		
162	99.9	78.3	117.5
160	43.9	33.8	50.6

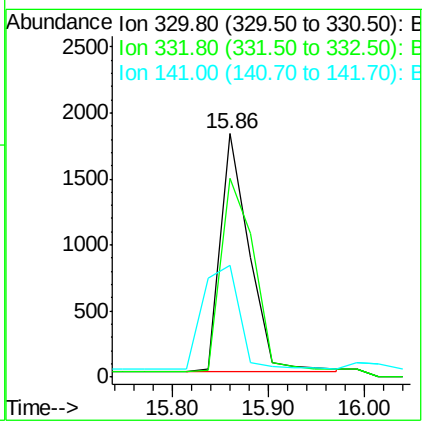


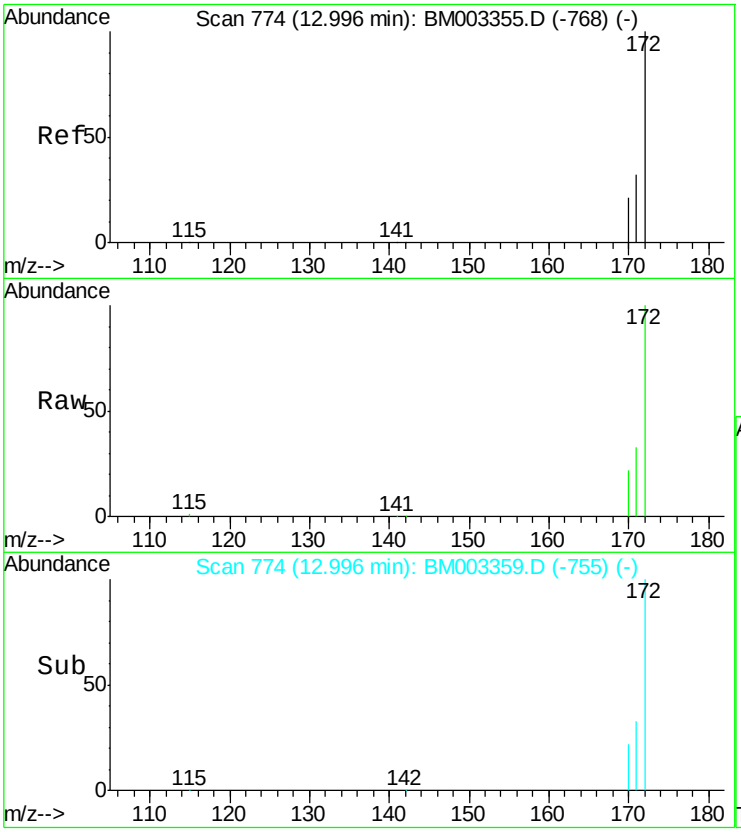


#14
2,4,6-Tribromophenol
Concen: 0.94 ng
RT: 15.86 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Tgt Ion:330 Resp: 3729

Ion	Ratio	Lower	Upper
330	100		
332	94.0	76.0	114.0
141	55.7	0.0	0.0#



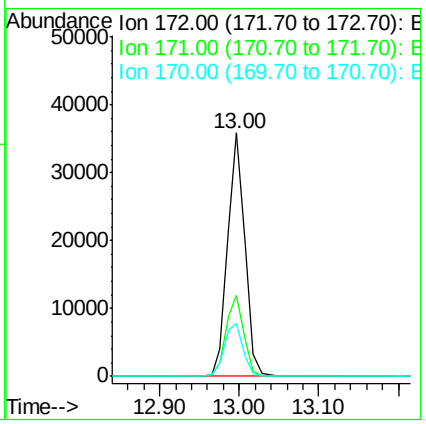


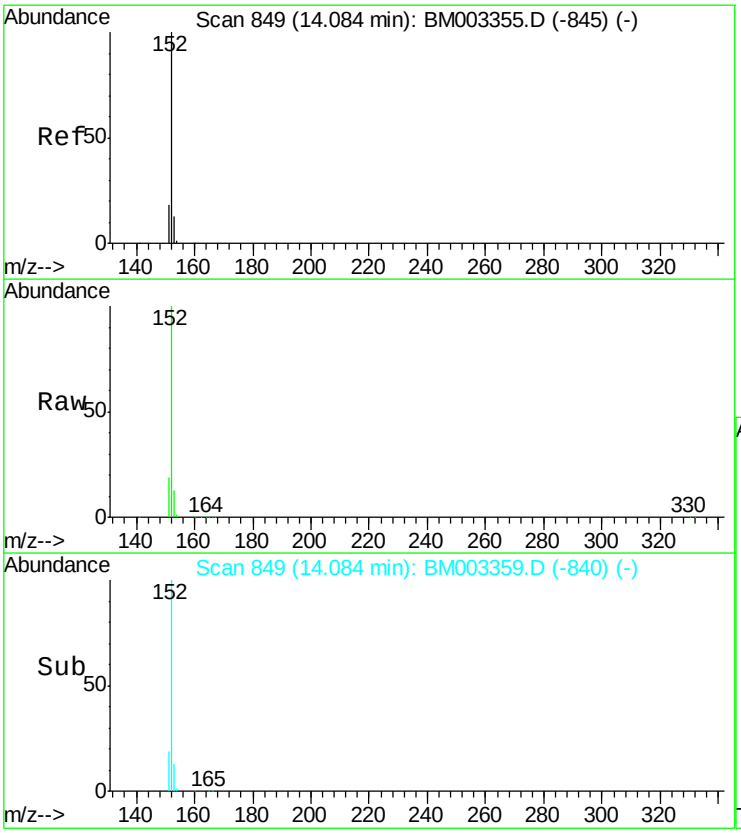
#15
2-Fluorobiphenyl
Concen: 0.92 ng
RT: 13.00 min Scan# 774
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Instrument :
BNA_M
ClientSampleId :
ICVBM120215

Tgt Ion:172 Resp: 53340

Ion	Ratio	Lower	Upper
172	100		
171	33.4	28.0	42.0
170	21.7	18.9	28.3

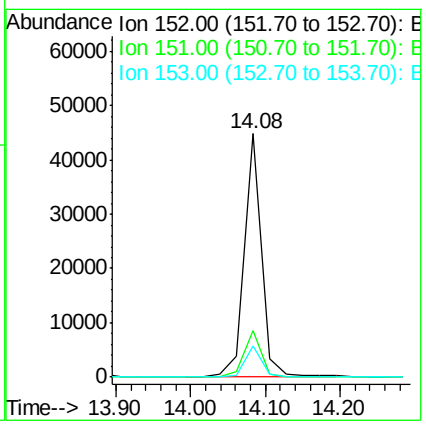


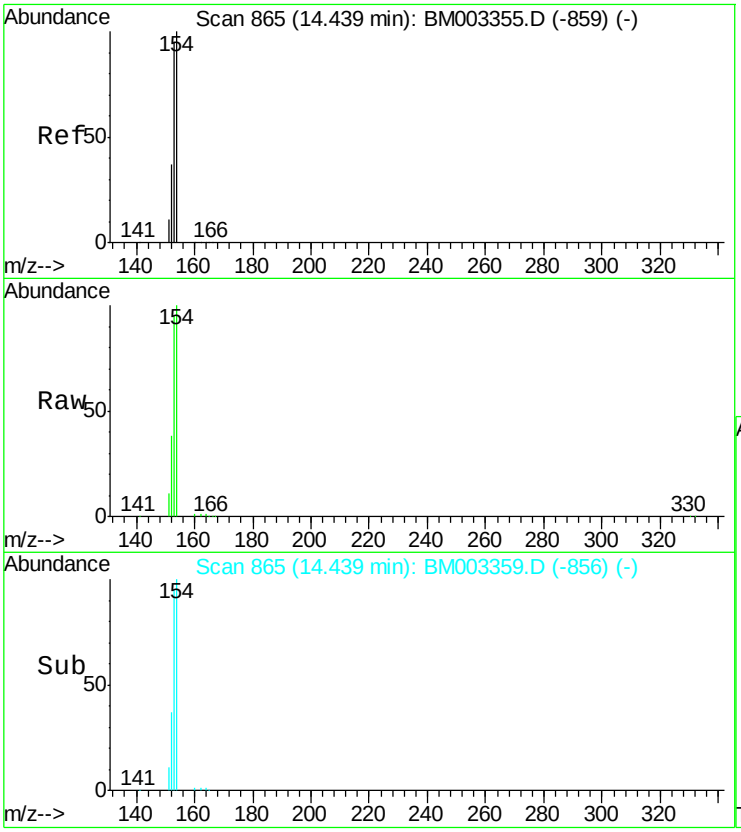


#16
Acenaphthylene
Concen: 0.94 ng
RT: 14.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Tgt Ion:152 Resp: 71198

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.2	22.8
153	12.9	10.4	15.6



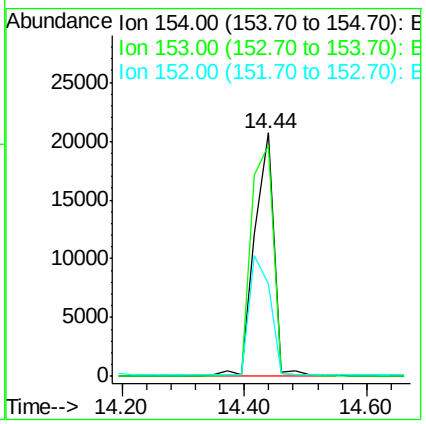


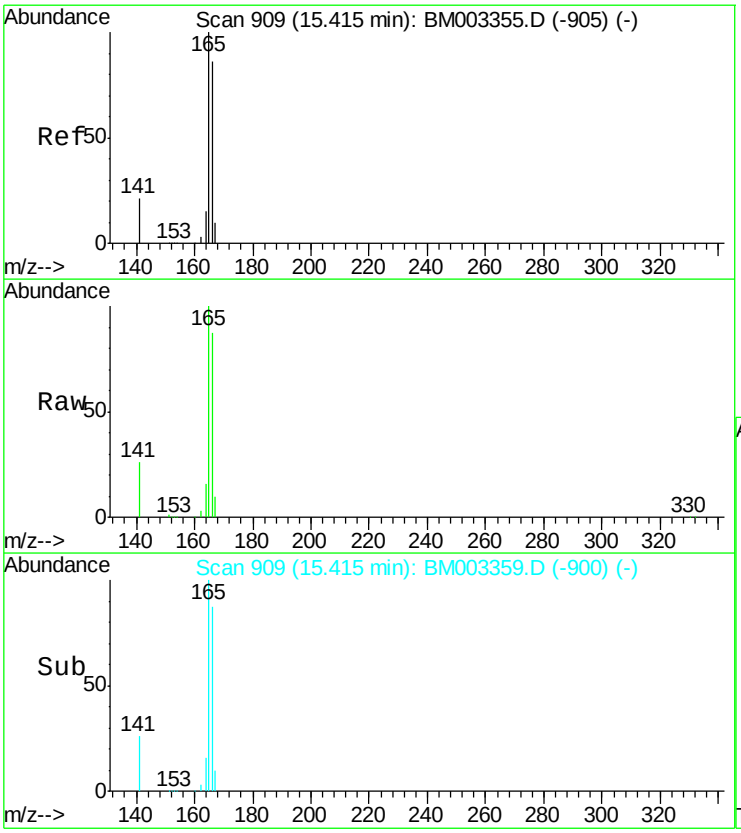
#17
Acenaphthene
Concen: 0.90 ng
RT: 14.44 min Scan# 865
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Instrument :
BNA_M
ClientSampleId :
ICVBM120215

Tgt Ion:154 Resp: 45491

Ion	Ratio	Lower	Upper
154	100		
153	108.5	0.0	0.0#
152	0.0	0.0	0.0

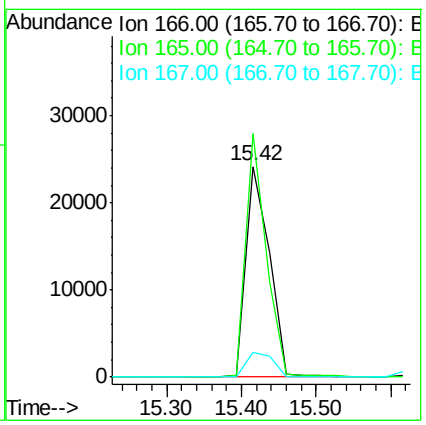


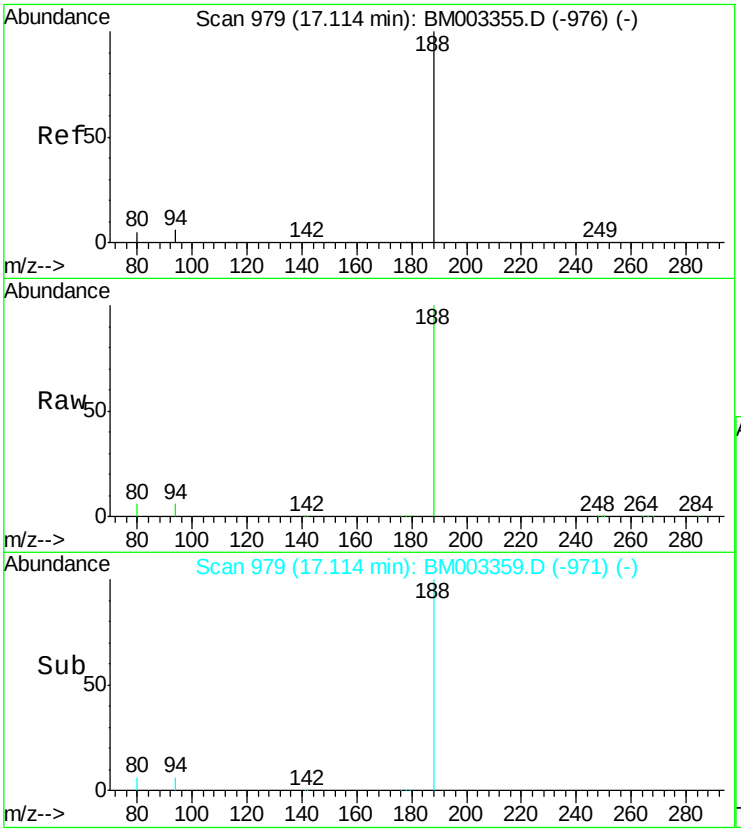


#18
Fluorene
Concen: 0.91 ng
RT: 15.42 min Scan# 909
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Tgt Ion:166 Resp: 51942

Ion	Ratio	Lower	Upper
166	100		
165	100.9	80.8	121.2
167	13.3	10.5	15.7



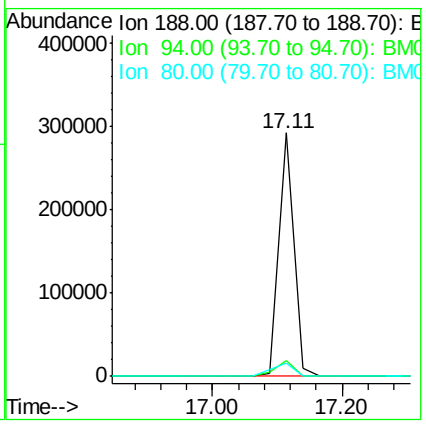


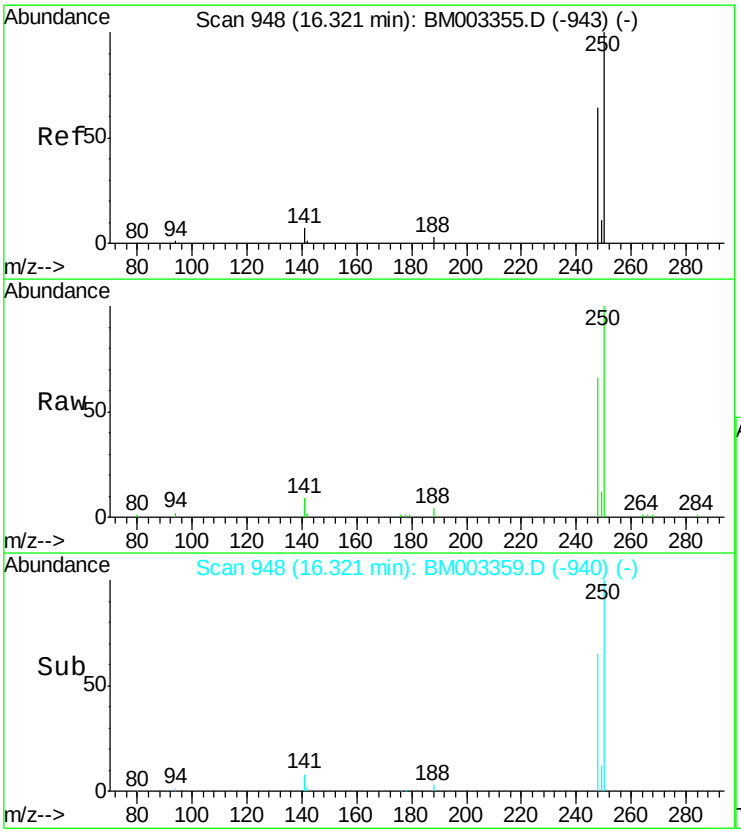
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.11 min Scan# 979
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Instrument :
BNA_M
ClientSampleId :
ICVBM120215

Tgt Ion:188 Resp: 471297

Ion	Ratio	Lower	Upper
188	100		
94	6.4	1.8	2.6#
80	5.6	1.4	2.0#

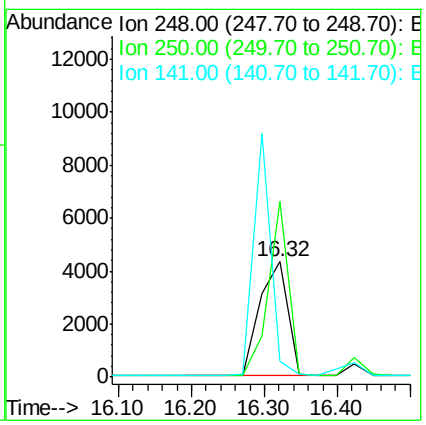


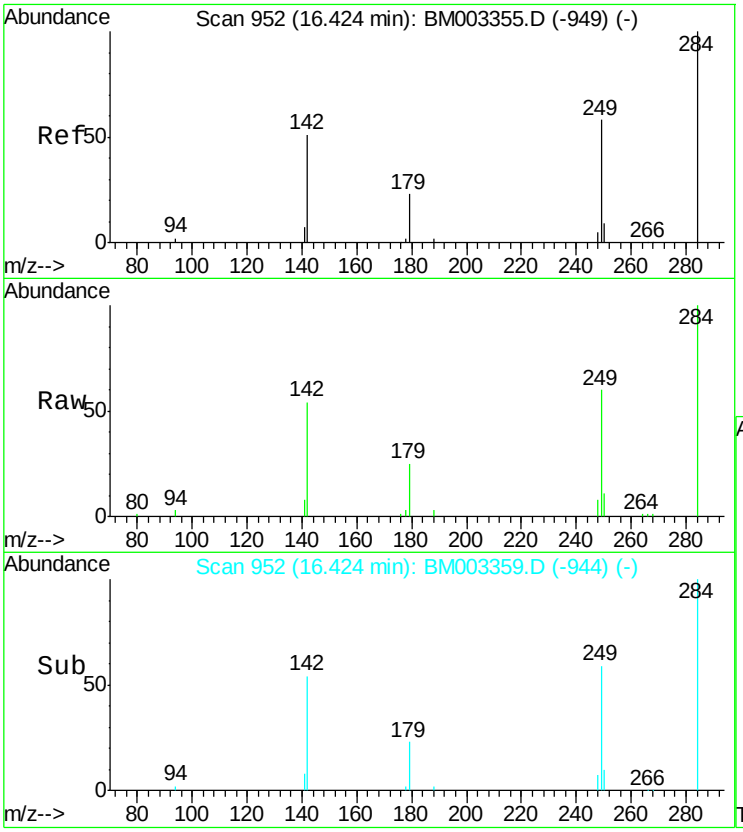


#20
4-Bromophenyl-phenylether
Concen: 0.85 ng
RT: 16.32 min Scan# 948
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Tgt Ion:248 Resp: 11561

Ion	Ratio	Lower	Upper
248	100		
250	109.3	65.4	98.0#
141	0.0	72.8	109.2#



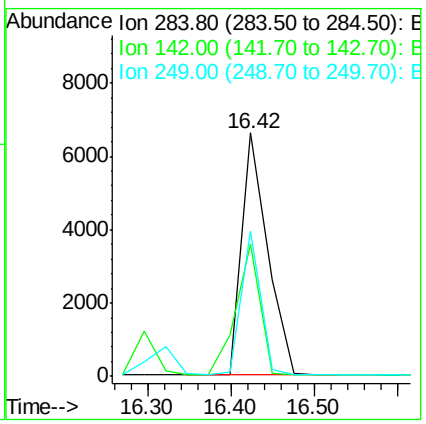


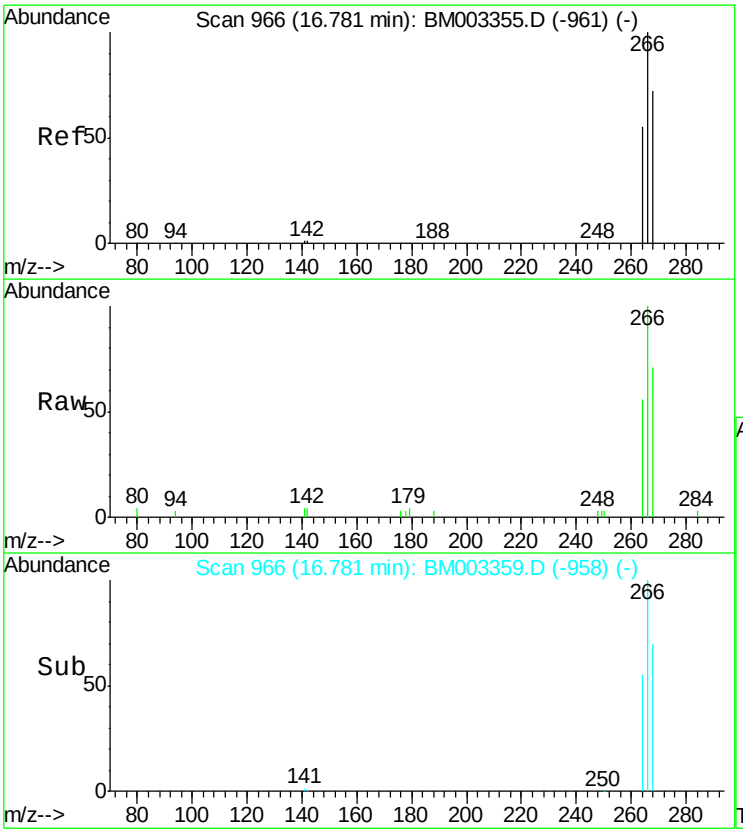
#21
Hexachlorobenzene
Concen: 0.92 ng
RT: 16.42 min Scan# 952
Delta R.T. 0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Instrument :
BNA_M
ClientSampleId :
ICVBM120215

Tgt Ion:284 Resp: 14169

Ion	Ratio	Lower	Upper
284	100		
142	50.3	0.0	0.0#
249	44.5	19.4	29.2#

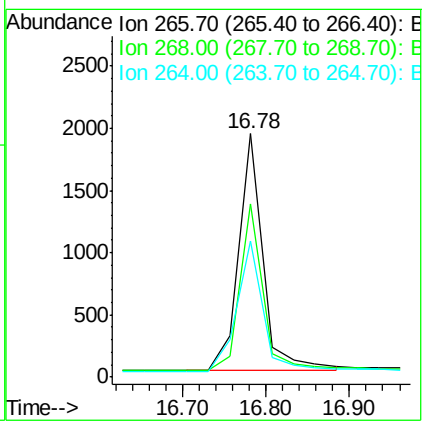


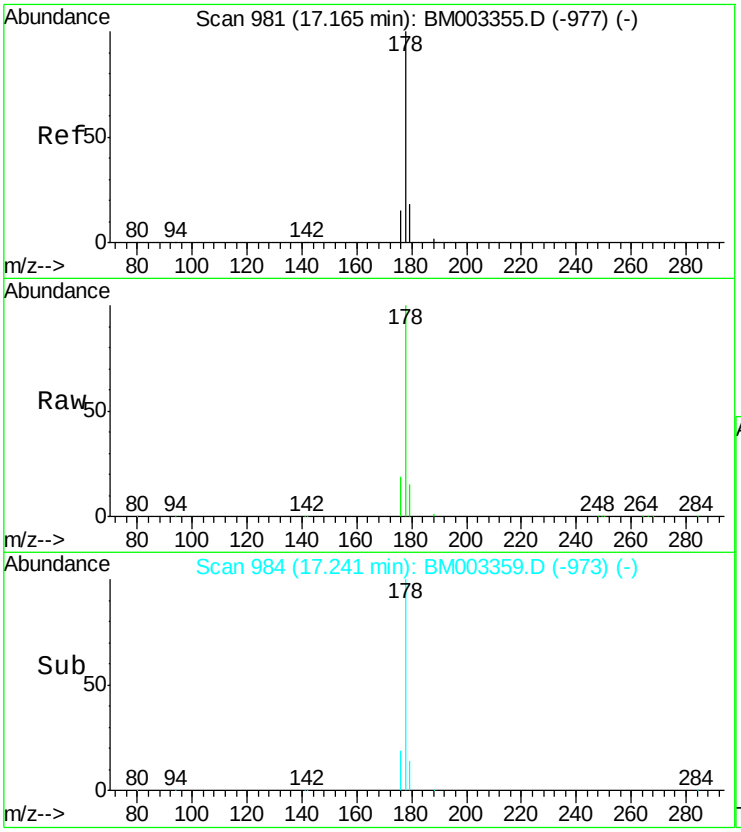


#22
Pentachlorophenol
Concen: 0.85 ng
RT: 16.78 min Scan# 966
Delta R.T. 0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Tgt Ion:266 Resp: 3901

Ion	Ratio	Lower	Upper
266	100		
268	71.2	45.8	68.8#
264	55.8	56.7	85.1#



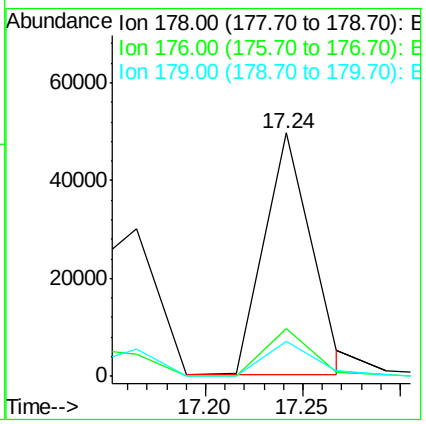


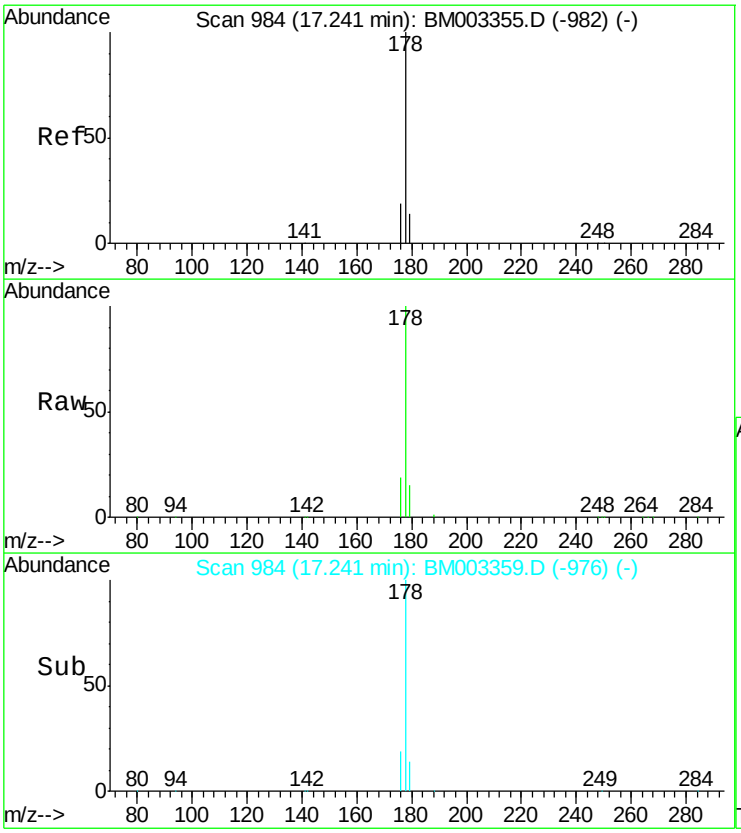
#23
Phenanthrene
Concen: 0.92 ng
RT: 17.24 min Scan# 984
Delta R.T. 0.08 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Instrument :
BNA_M
ClientSampleId :
ICVBM120215

Tgt Ion:178 Resp: 83418

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	14.8	11.7	17.5

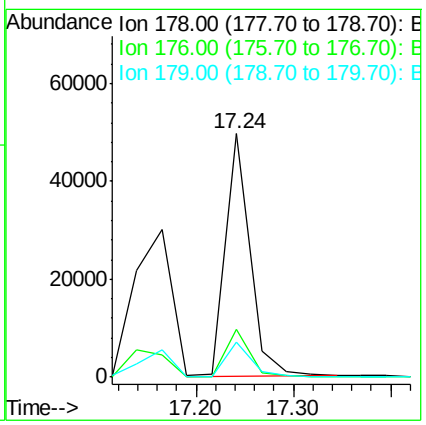


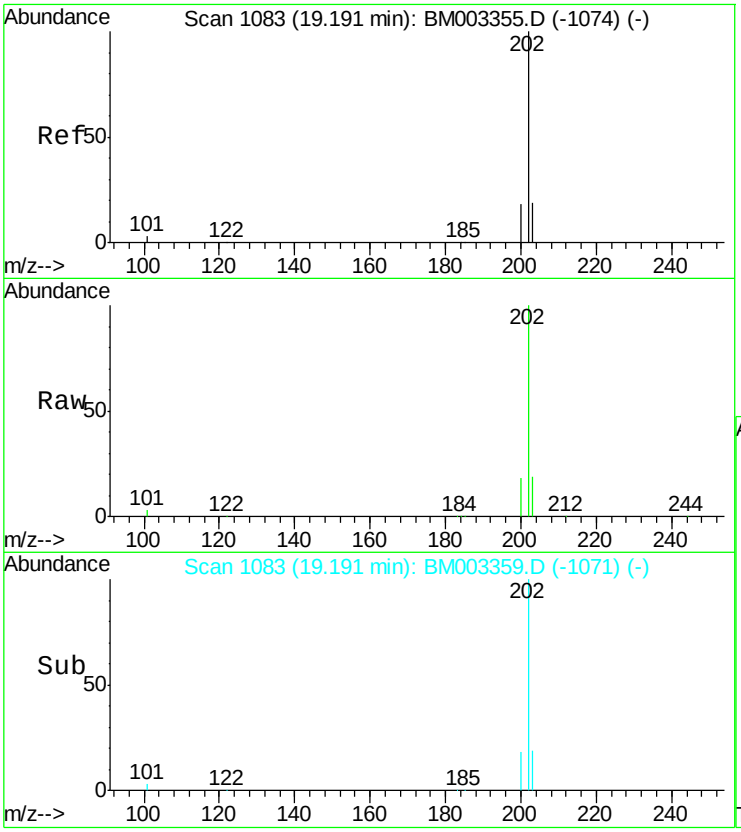


#24
Anthracene
Concen: 0.90 ng
RT: 17.24 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Tgt Ion:178 Resp: 85910

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.1	21.1
179	14.8	12.8	19.2



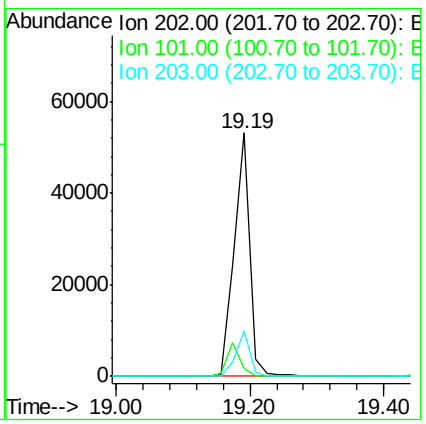


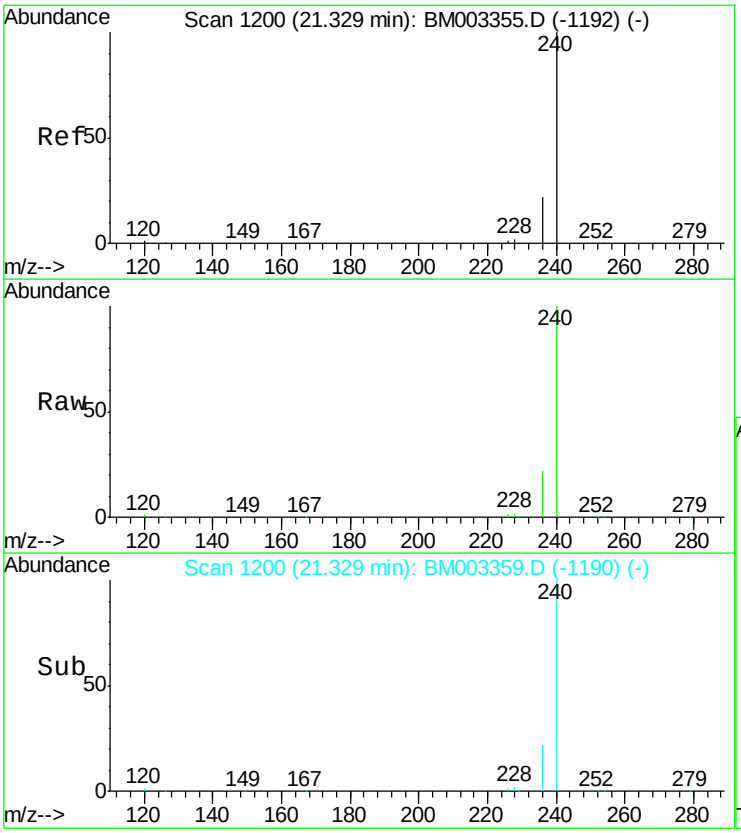
#25
Fluoranthene
Concen: 0.90 ng
RT: 19.19 min Scan# 1083
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Instrument :
BNA_M
ClientSampleId :
ICVBM120215

Tgt Ion:202 Resp: 84989

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.9	14.9
203	17.3	13.9	20.9

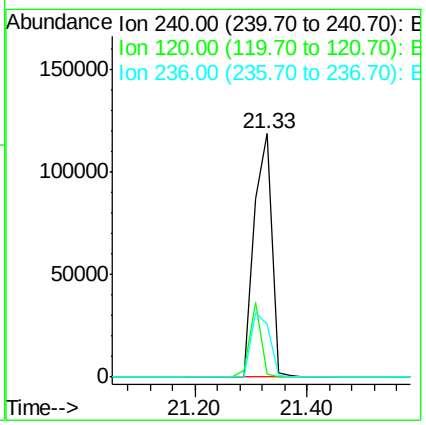


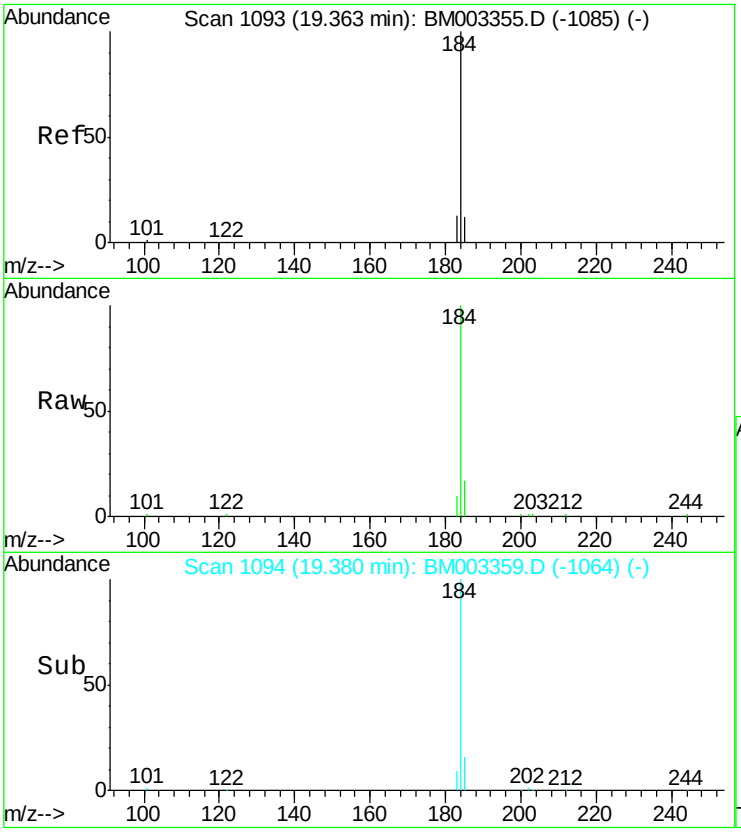


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.33 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Tgt Ion:240 Resp: 257629

Ion	Ratio	Lower	Upper
240	100		
120	1.1	1.0	1.4
236	22.0	17.9	26.9



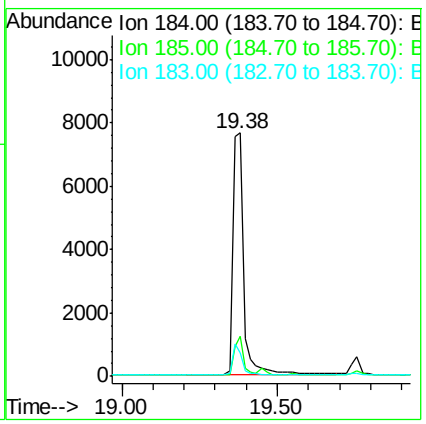


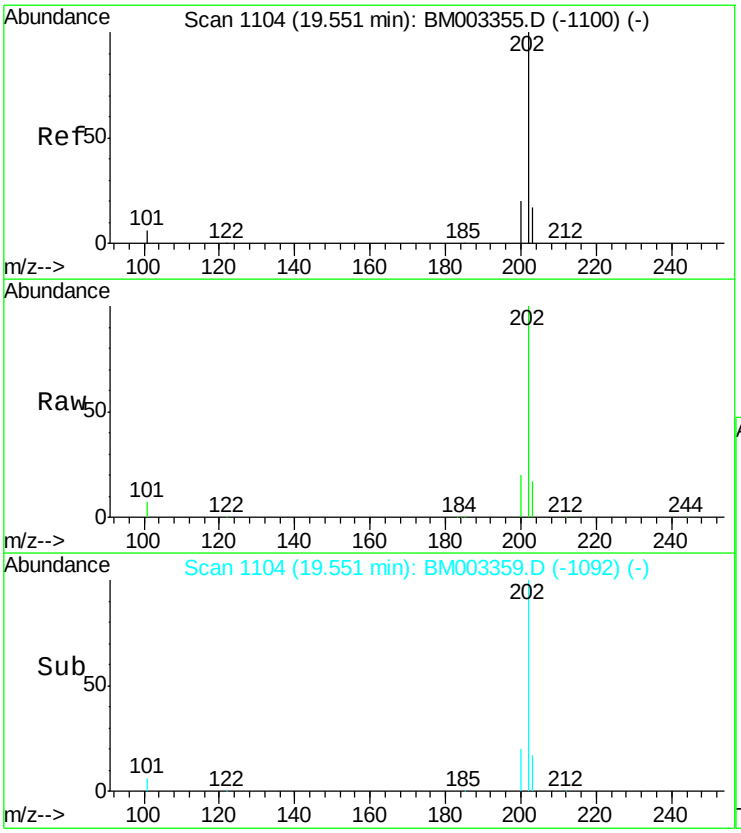
#27
Benzidine
Concen: 0.93 ng
RT: 19.38 min Scan# 1094
Delta R.T. 0.02 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Instrument :
BNA_M
ClientSampleId :
ICVBM120215

Tgt Ion:184 Resp: 18864

Ion	Ratio	Lower	Upper
184	100		
185	16.7	11.6	17.4
183	9.8	8.6	13.0

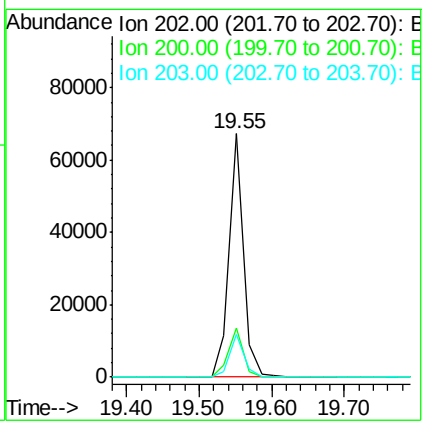


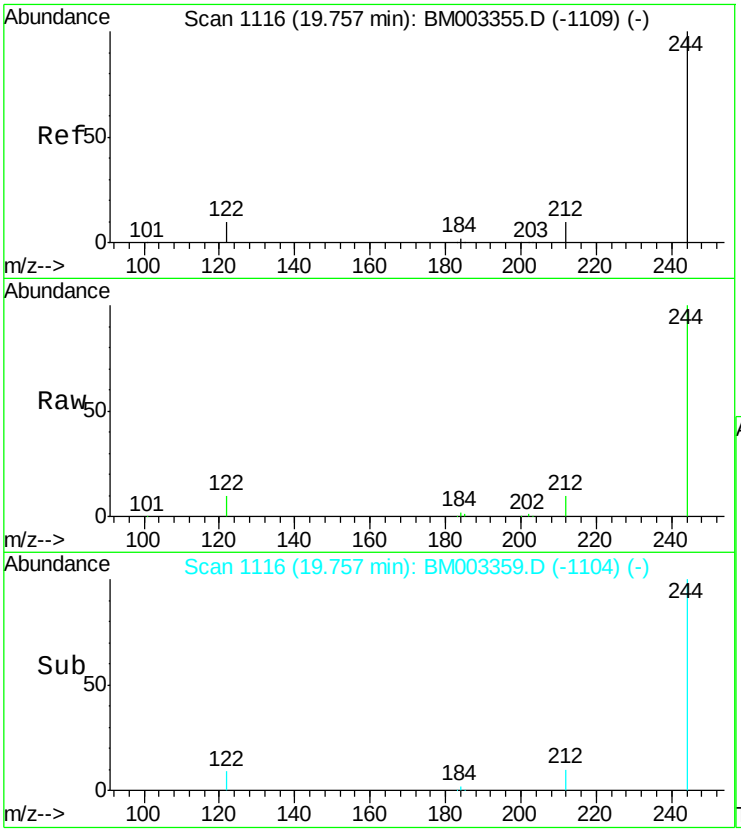


#28
Pyrene
Concen: 0.98 ng
RT: 19.55 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Tgt Ion:202 Resp: 91418

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.4	13.8	20.6



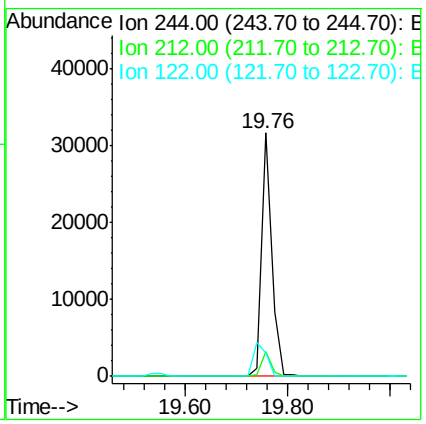


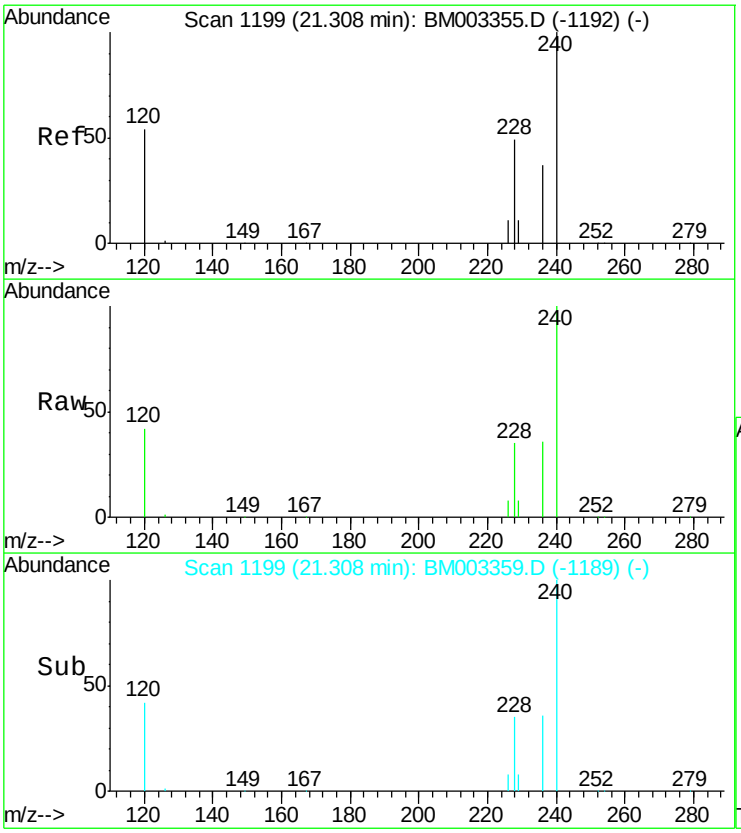
#29
Terphenyl-d14
Concen: 1.02 ng
RT: 19.76 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Instrument :
BNA_M
ClientSampleId :
ICVBM120215

Tgt Ion:244 Resp: 42694

Ion	Ratio	Lower	Upper
244	100		
212	10.2	6.5	9.7#
122	9.8	2.0	3.0#

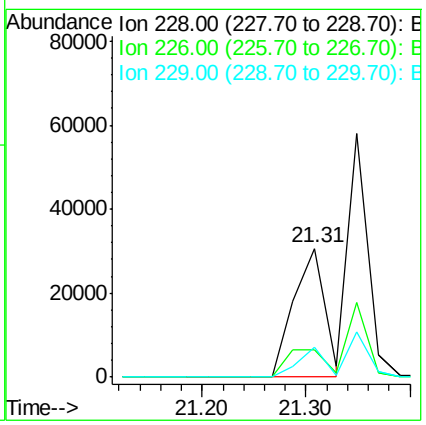


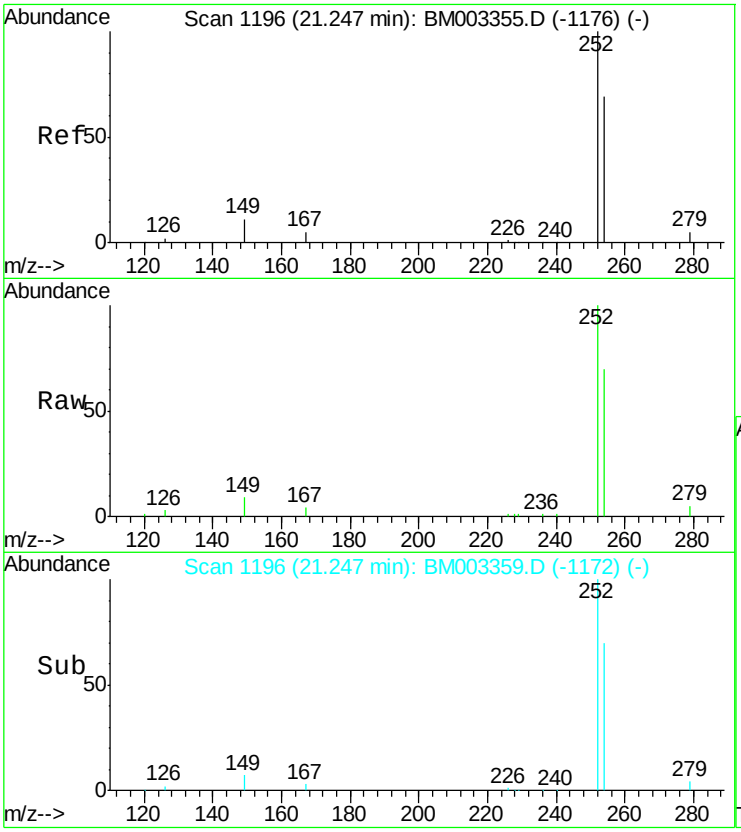


#30
Benzo(a)anthracene
Concen: 0.90 ng
RT: 21.31 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Tgt Ion:228 Resp: 62867

Ion	Ratio	Lower	Upper
228	100		
226	21.7	17.8	26.6
229	23.0	18.0	27.0



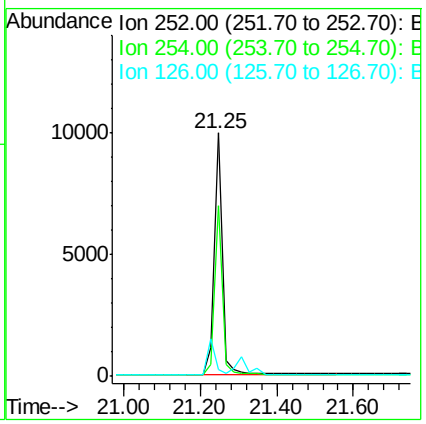


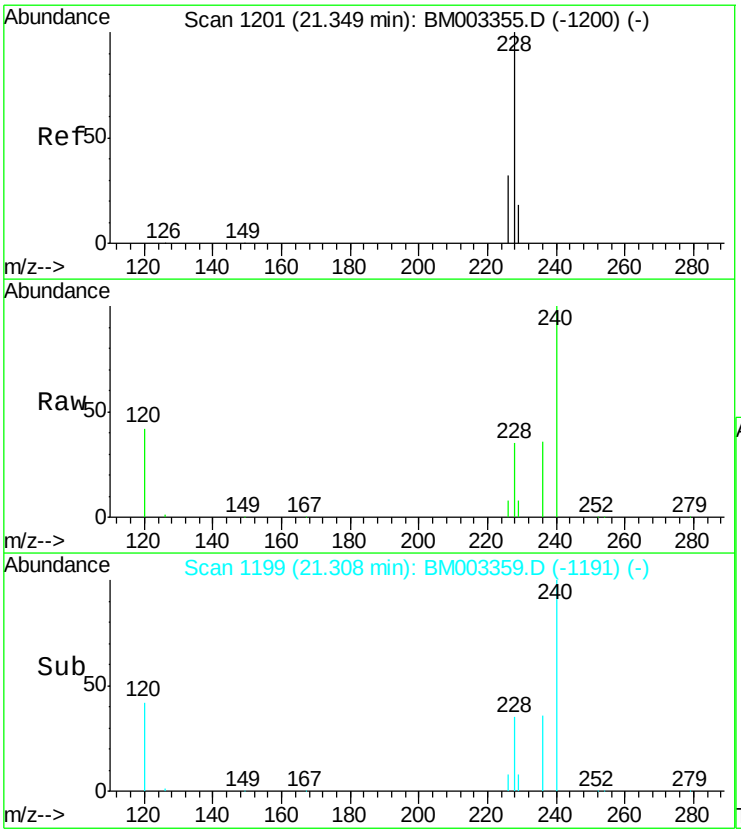
#31
3,3'-Dichlorobenzidine
Concen: 0.81 ng
RT: 21.25 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Instrument :
BNA_M
ClientSampleId :
ICVBM120215

Tgt Ion:252 Resp: 15166

Ion	Ratio	Lower	Upper
252	100		
254	70.0	53.7	80.5
126	3.0	2.8	4.2

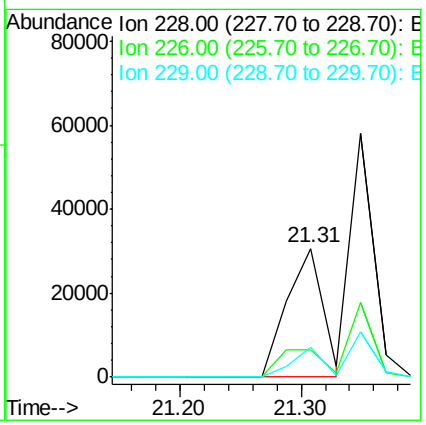


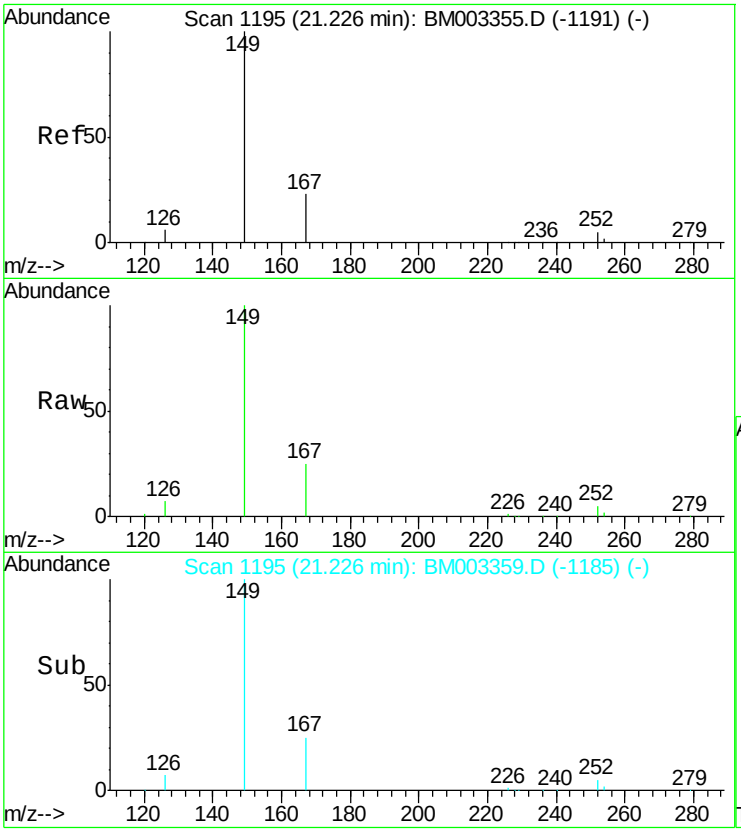


#32
Chrysene
Concen: 0.78 ng
RT: 21.31 min Scan# 1199
Delta R.T. -0.04 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Tgt Ion:228 Resp: 62864

Ion	Ratio	Lower	Upper
228	100		
226	21.7	25.5	38.3#
229	23.0	14.3	21.5#



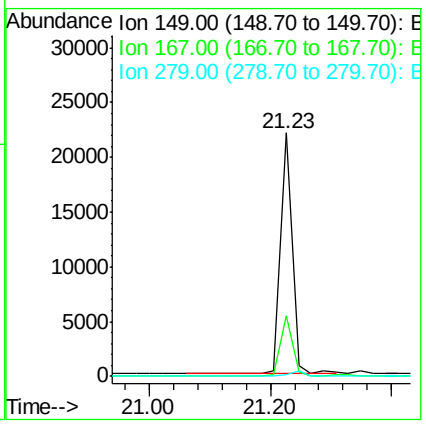


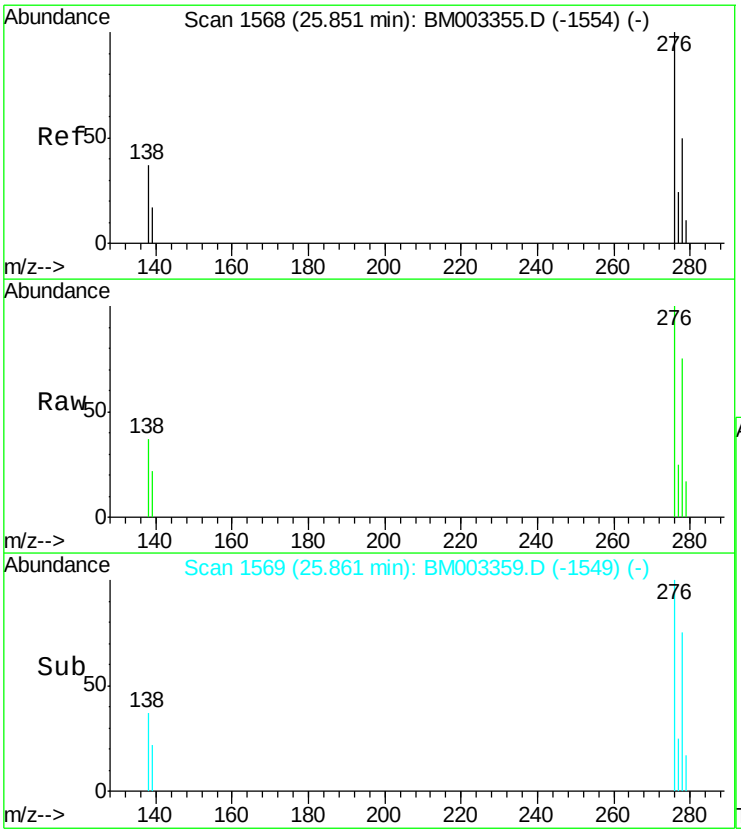
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.86 ng
RT: 21.23 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Instrument :
BNA_M
ClientSampleId :
ICVBM120215

Tgt Ion:149 Resp: 28910

Ion	Ratio	Lower	Upper
149	100		
167	24.9	19.6	29.4
279	0.0	0.0	0.0

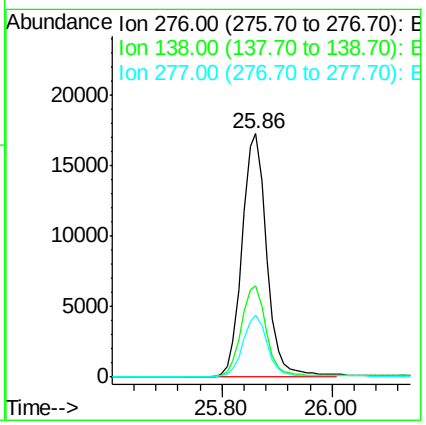


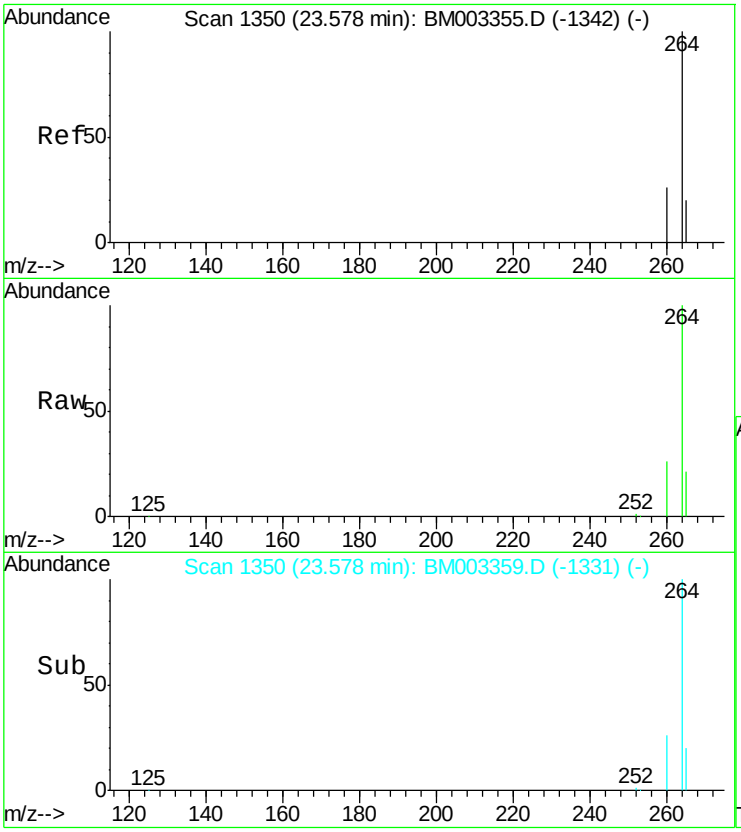


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.90 ng
RT: 25.86 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Tgt Ion:276 Resp: 53703

Ion	Ratio	Lower	Upper
276	100		
138	37.6	19.1	28.7#
277	24.9	15.9	23.9#



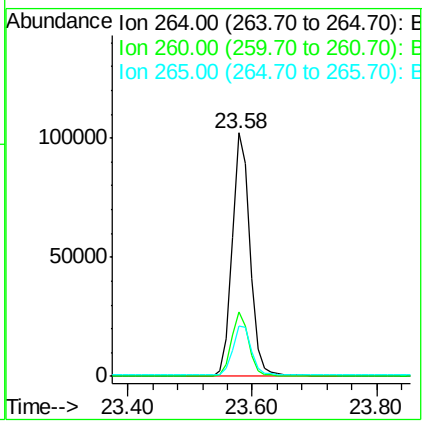


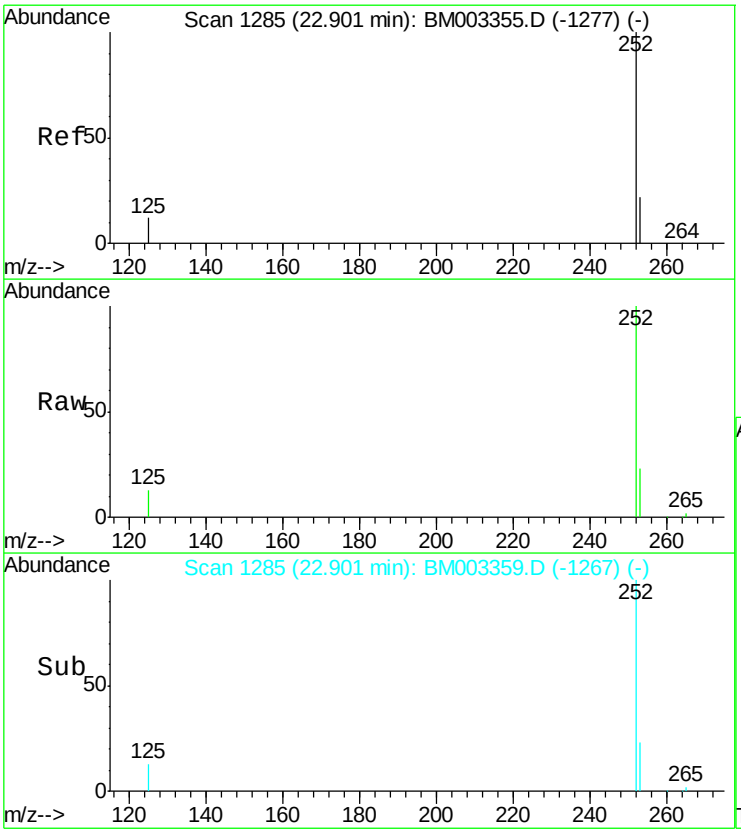
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.58 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Instrument :
BNA_M
ClientSampleId :
ICVBM120215

Tgt Ion:264 Resp: 206757

Ion	Ratio	Lower	Upper
264	100		
260	26.3	19.6	29.4
265	20.9	18.4	27.6

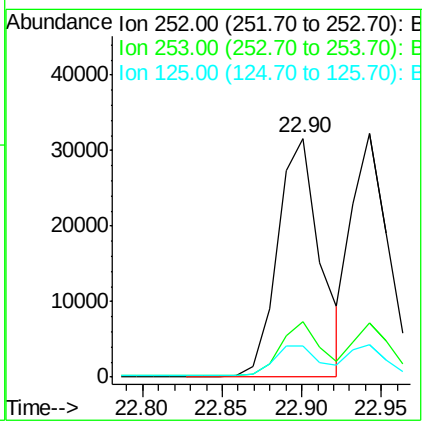


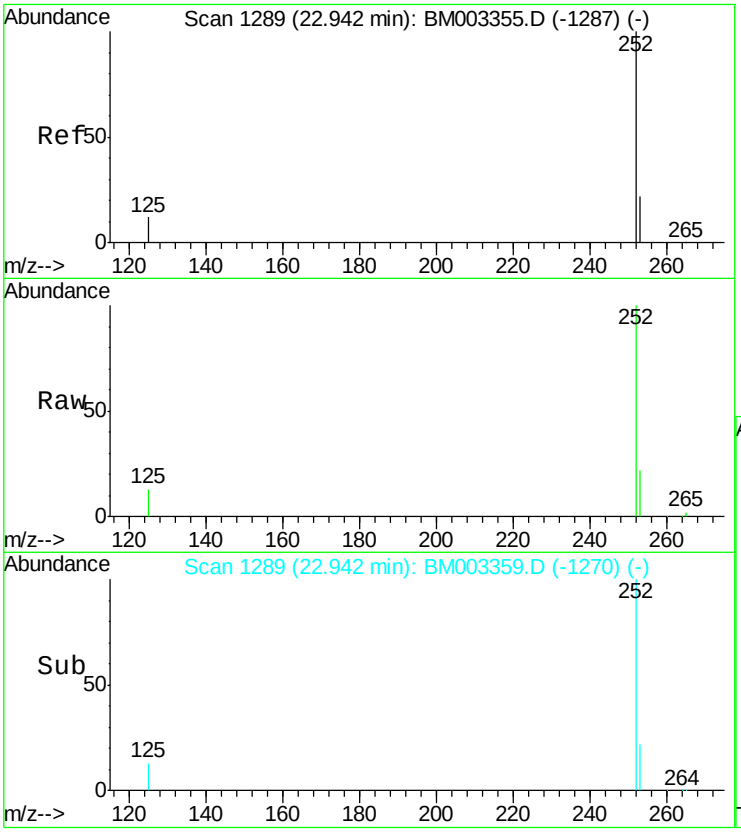


#36
Benzo(b)fluoranthene
Concen: 0.93 ng
RT: 22.90 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Tgt Ion:252 Resp: 58432

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	12.9	10.3	15.5



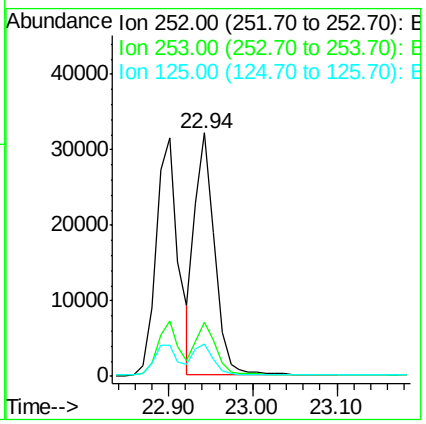


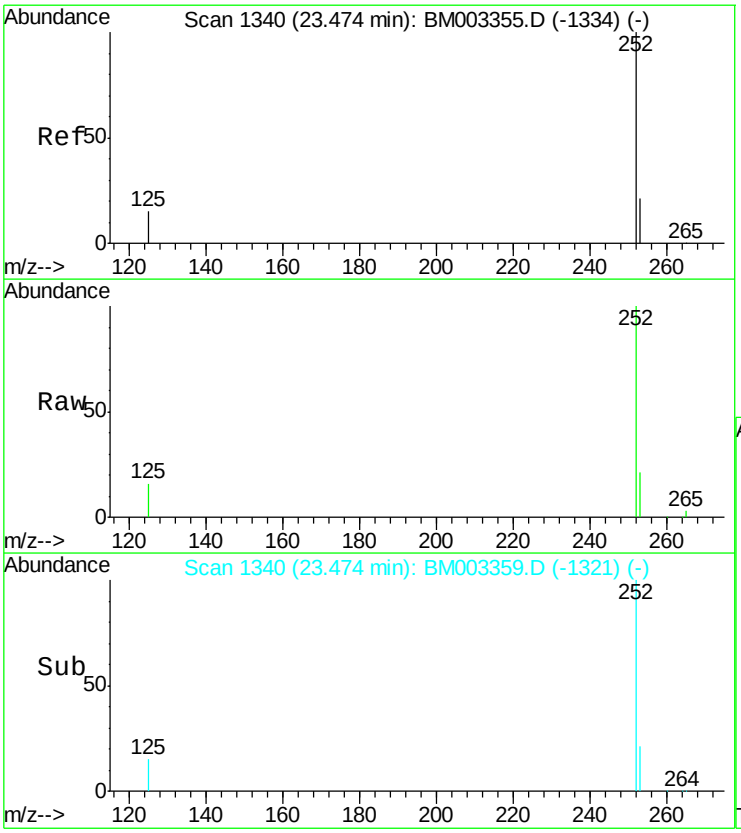
#37
Benzo(k)fluoranthene
Concen: 0.92 ng
RT: 22.94 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Instrument :
BNA_M
ClientSampleId :
ICVBM120215

Tgt Ion:252 Resp: 51845

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	13.3	10.7	16.1

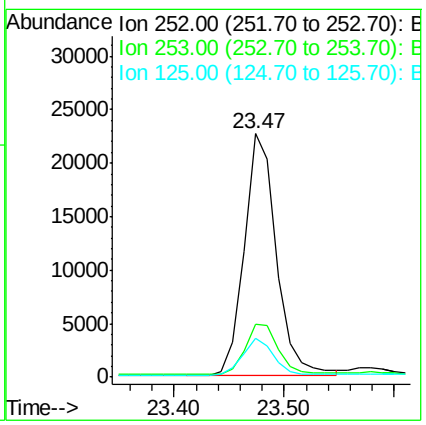


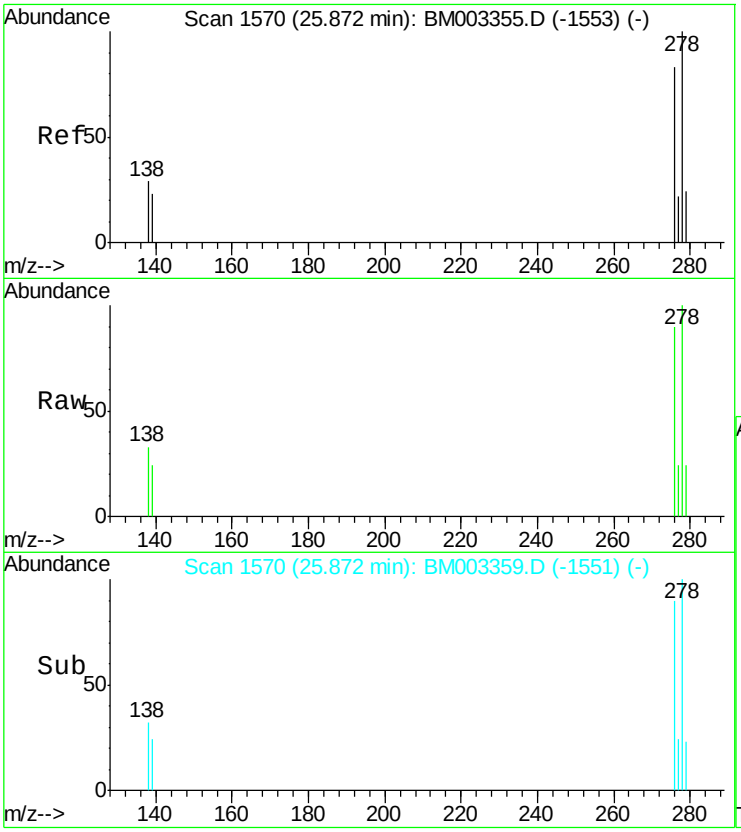


#38
Benzo(a)pyrene
Concen: 0.88 ng
RT: 23.47 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Tgt Ion:252 Resp: 45567

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.7	28.1
125	15.7	11.6	17.4



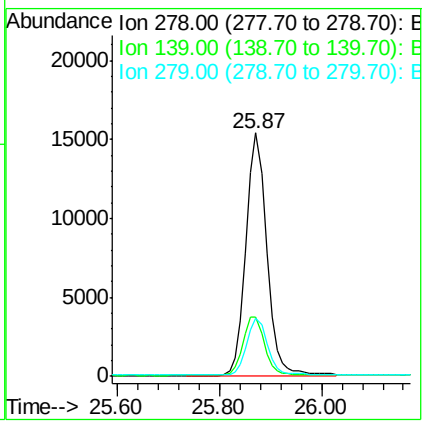


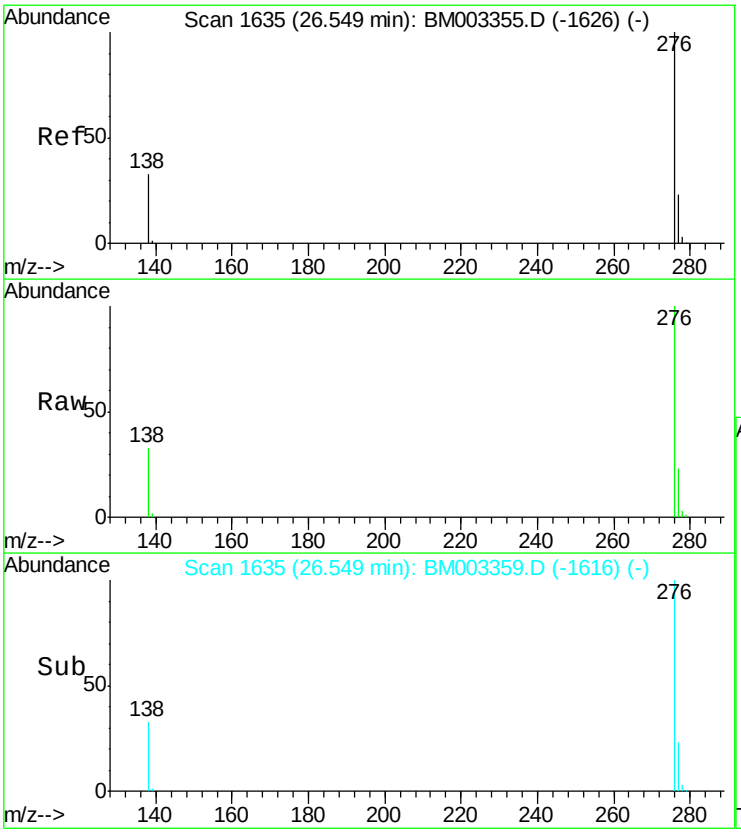
#39
Dibenzo(a,h)anthracene
Concen: 0.93 ng
RT: 25.87 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Instrument :
BNA_M
ClientSampleId :
ICVBM120215

Tgt Ion:278 Resp: 43603

Ion	Ratio	Lower	Upper
278	100		
139	24.4	18.2	27.4
279	23.9	18.8	28.2





#40
Benzo(g,h,i)perylene
Concen: 0.91 ng
RT: 26.55 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BM003359.D
Acq: 02 Dec 2015 16:57

Tgt Ion:276 Resp: 45319

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.6
138	33.4	22.3	33.5