Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM120215\
Data File : BM003358.D
Acq On : 02 Dec 2015 15:30
Operator : UM/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC010

Quant Time: Dec 02 16:02:14 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 15:27:33 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	63885	5.00	ng		0.00
7) Naphthalene-d8	10.51	136	280427	5.00	ng		0.00
13) Acenaphthene-d10	14.37	164	157760	5.00	ng		0.00
19) Phenanthrene-d10	17.11	188	354263	5.00	ng		0.00
26) Chrysene-d12	21.31	240	221367	5.00	ng		-0.02
35) Perylene-d12	23.58	264	172931	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	133519	10.55	ng		0.00
5) Phenol-d6	6.88	99	175662	11.40	ng		0.00
8) Nitrobenzene-d5	8.88	82	151115	11.82	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	41969	13.35	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	451670	9.44	ng		0.00
29) Terphenyl-d14	19.76	244	340104	9.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	51814	8.19	ng		95
3) n-Nitrosodimethylamine	3.52	42	63166	10.83	ng		98
6) bis(2-Chloroethyl)ether	7.14	93	151407	9.92	ng		99
9) Nitrobenzene	8.92	77	168232	12.21	ng		94
10) Naphthalene	10.56	128	577666	9.50	ng		98
11) Hexachlorobutadiene	10.85	225	89959	9.60	ng		97
12) 2-Methylnaphthalene	12.18	142	411830	9.94	ng		93
16) Acenaphthylene	14.08	152	718744	11.78	ng		100
17) Acenaphthene	14.44	154	400960	9.57	ng	#	100
18) Fluorene	15.42	166	457537	9.69	ng		99
20) 4-Bromophenyl-phenylether	16.32	248	99851	9.76	ng	#	35
21) Hexachlorobenzene	16.42	284	113144	9.14	ng	#	58
22) Pentachlorophenol	16.78	266	56180	15.35	ng	#	78
23) Phenanthrene	17.24	178	786143	11.35	ng		99
24) Anthracene	17.24	178	792271	11.17	ng		97
25) Fluoranthene	19.19	202	704300	9.94	ng		100
27) Benzidine	19.36	184	287979	17.37	ng		94
28) Pyrene	19.55	202	767434	9.51	ng		100
30) Benzo(a)anthracene	21.29	228	666239	11.34	ng	#	86
31) 3,3'-Dichlorobenzidine	21.25	252	174837	11.53	ng	#	80
32) Chrysene	21.35	228	536603	8.01	ng		91
33) Bis(2-ethylhexyl)phthalate	21.23	149	402455	13.96	ng	#	90
34) Indeno(1,2,3-cd)pyrene	25.85	276	518074	10.07	ng	#	80
36) Benzo(b)fluoranthene	22.89	252	518766	9.83	ng		99
37) Benzo(k)fluoranthene	22.94	252	502601	10.73	ng		99
38) Benzo(a)pyrene	23.48	252	469833	11.02	ng		98
39) Dibenzo(a,h)anthracene	25.87	278	417535	10.73	ng		97
40) Benzo(g,h,i)perylene	26.55	276	429319	10.40	ng		97

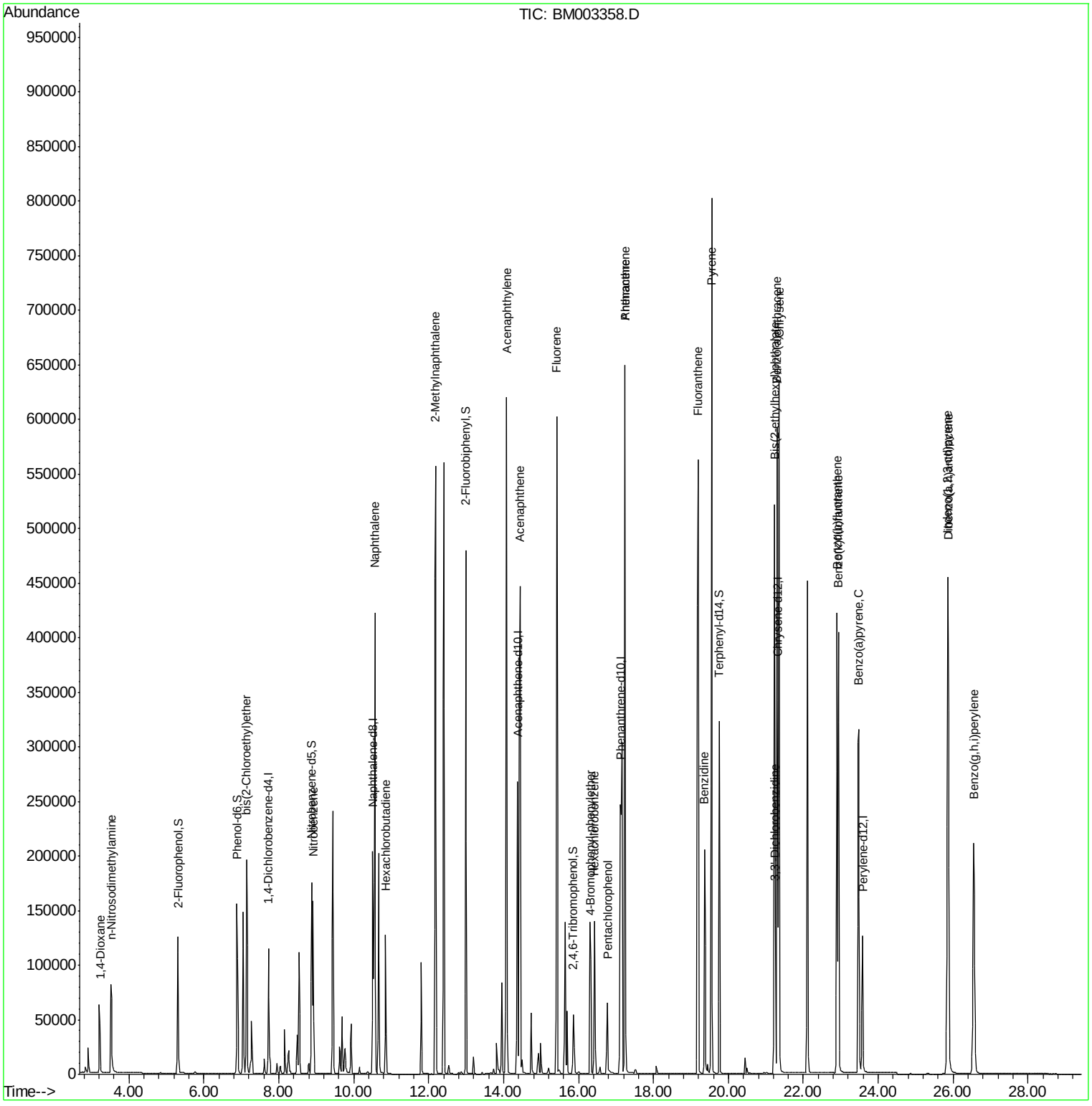
(#) = qualifier out of range (m) = manual integration (+) = signals summed

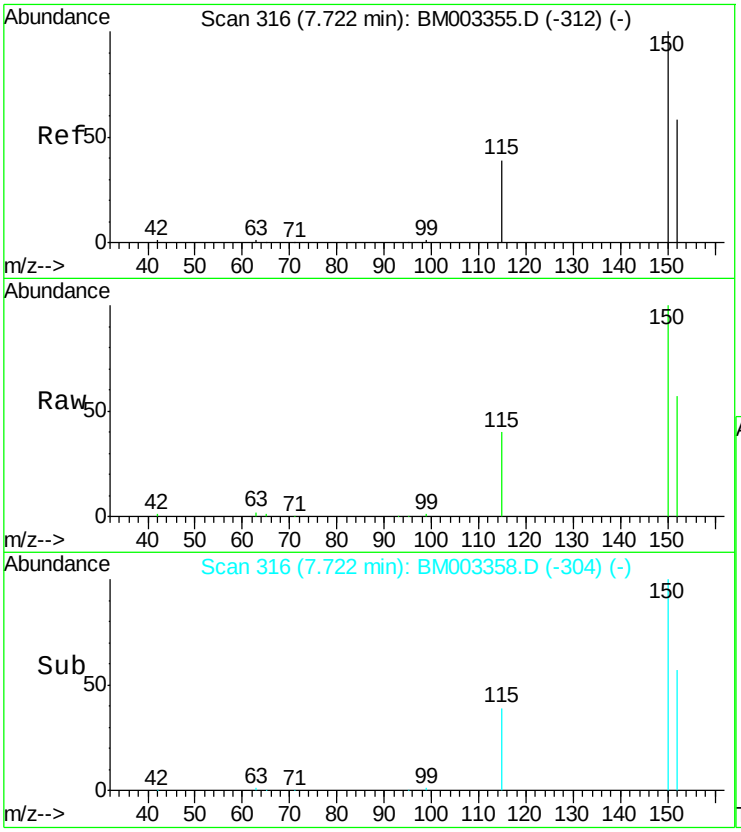
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM120215\
Data File : BM003358.D
Acq On : 02 Dec 2015 15:30
Operator : UM/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Quant Time: Dec 02 16:02:14 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 15:27:33 2015
Response via : Initial Calibration



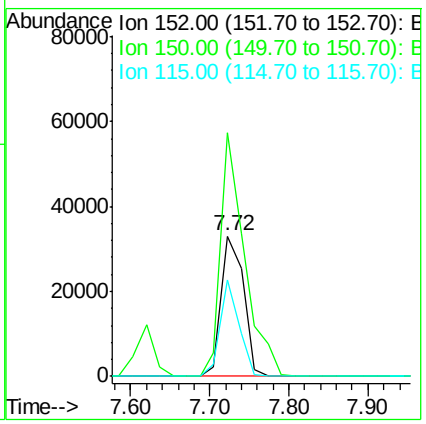


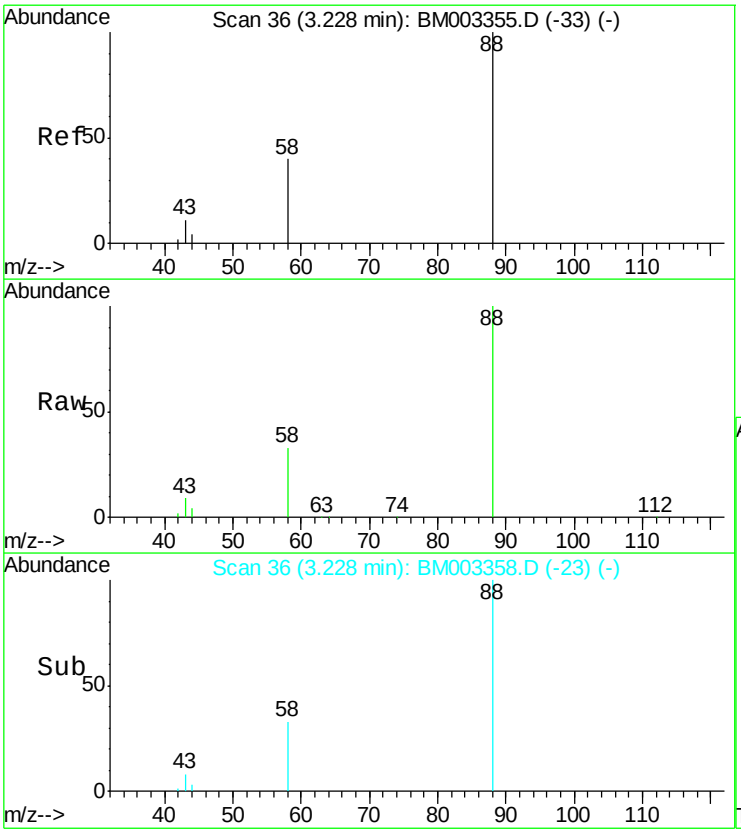
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.72 min Scan# 316
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 63885

Ion	Ratio	Lower	Upper
152	100		
150	174.0	143.6	215.4
115	68.9	58.5	87.7

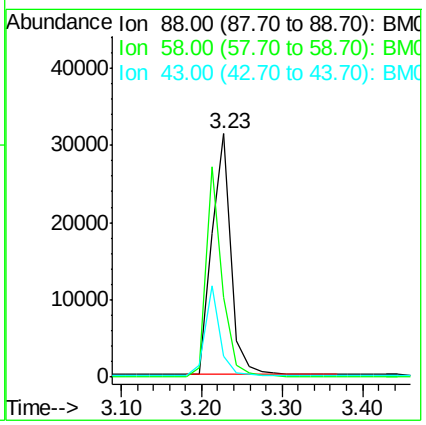


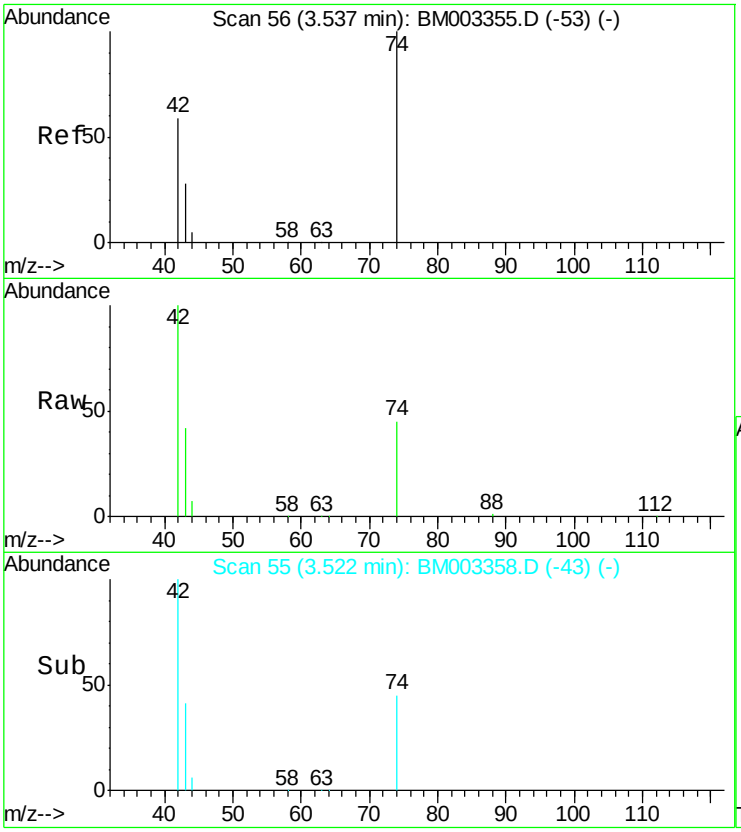


#2
1,4-Dioxane
Concen: 8.19 ng
RT: 3.23 min Scan# 36
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Tgt Ion: 88 Resp: 51814

Ion	Ratio	Lower	Upper
88	100		
58	73.4	55.2	82.8
43	29.3	21.8	32.6



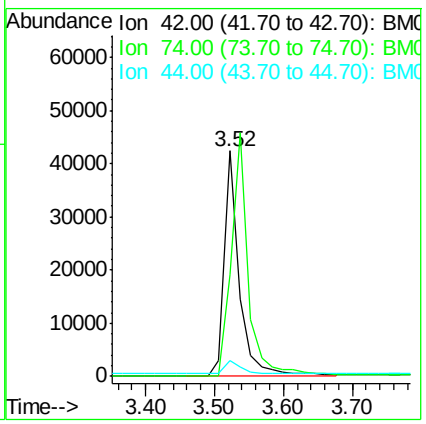


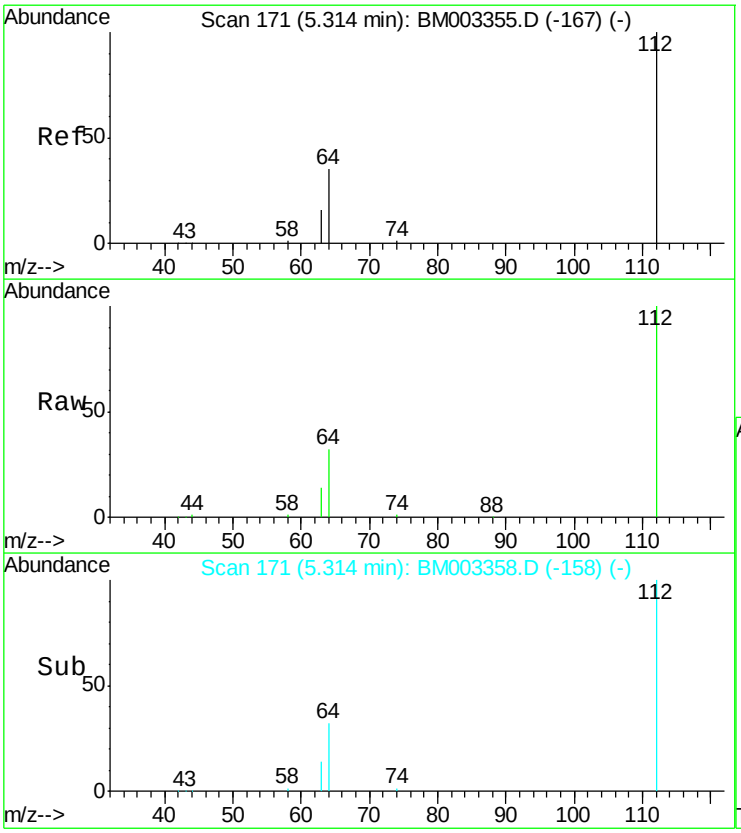
#3
n-Nitrosodimethylamine
Concen: 10.83 ng
RT: 3.52 min Scan# 55
Delta R.T. -0.02 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 42 Resp: 63166

Ion	Ratio	Lower	Upper
42	100		
74	124.5	101.0	151.4
44	6.4	6.3	9.5

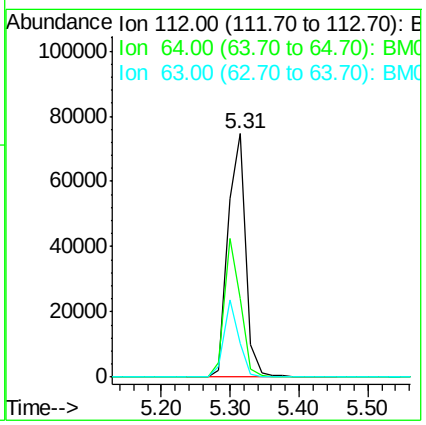


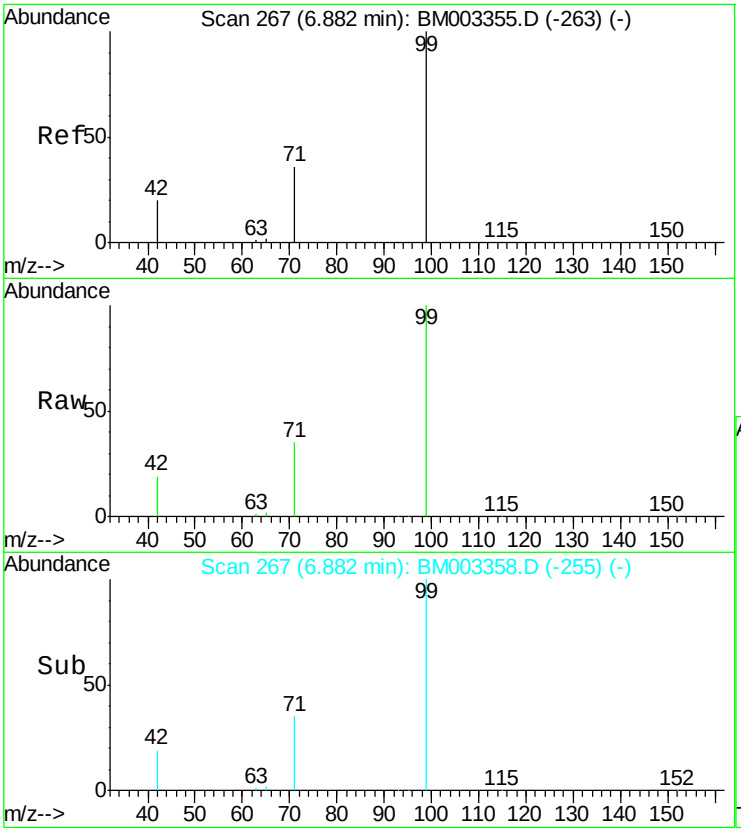


#4
2-Fluorophenol
Concen: 10.55 ng
RT: 5.31 min Scan# 171
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Tgt Ion:112 Resp: 133519

Ion	Ratio	Lower	Upper
112	100		
64	51.7	41.2	61.8
63	26.9	21.2	31.8



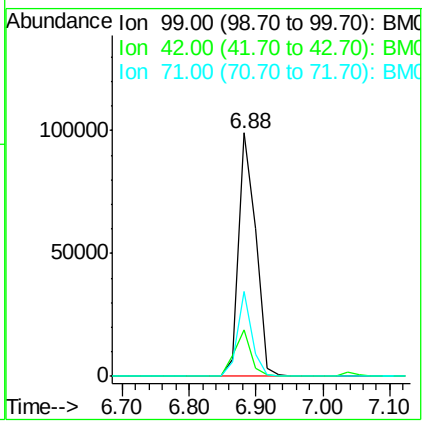


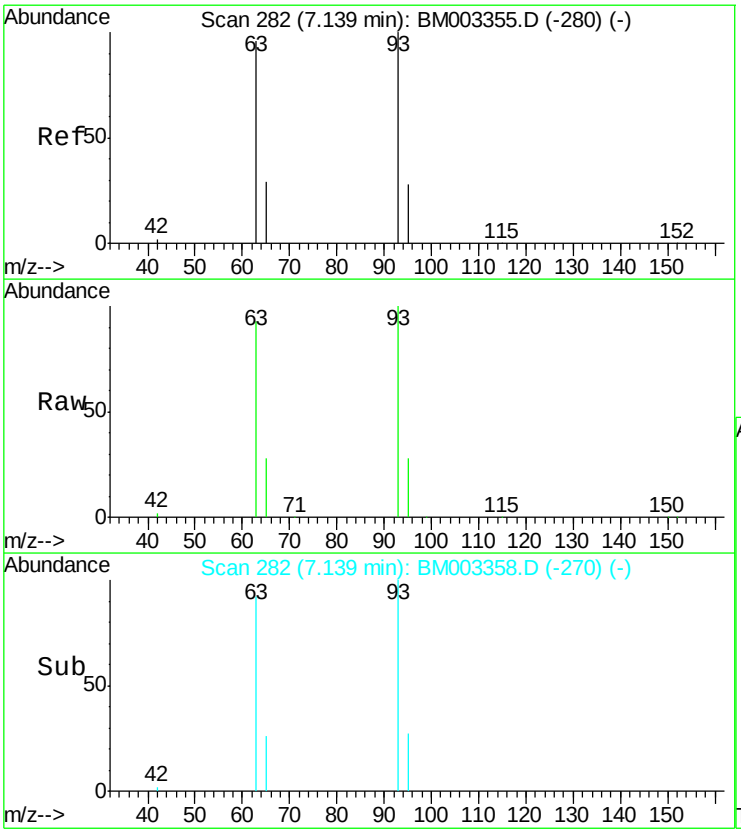
#5
Phenol-d6
Concen: 11.40 ng
RT: 6.88 min Scan# 267
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 175662

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.6	22.0
71	29.5	23.3	34.9

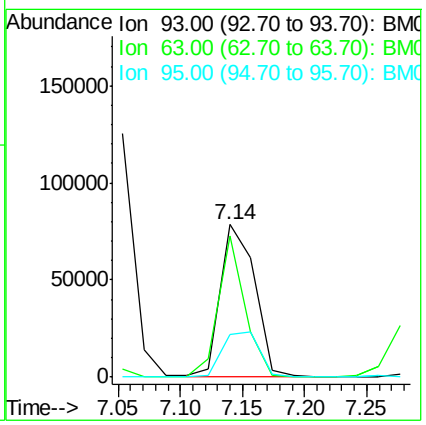


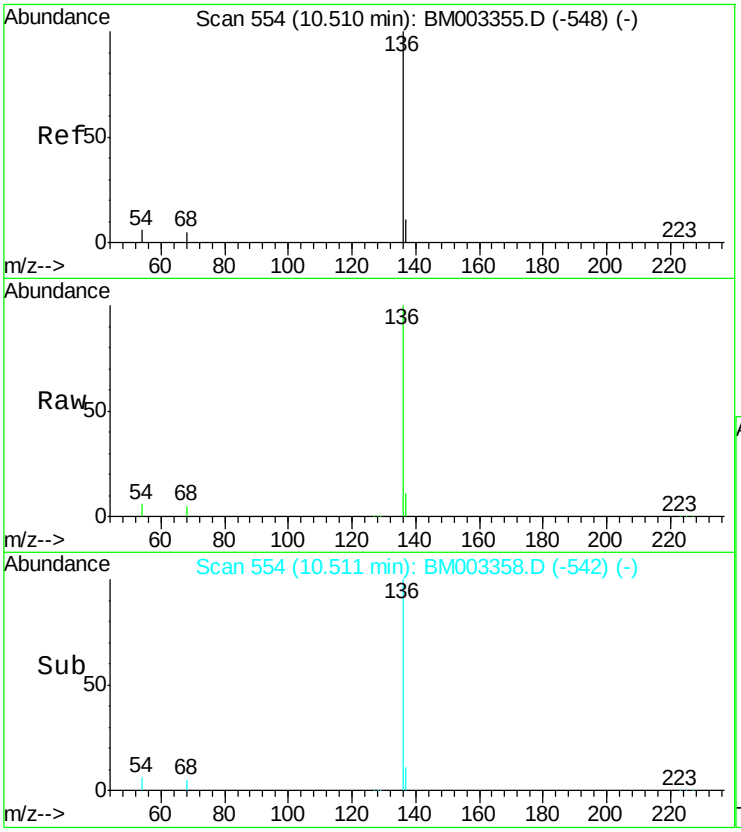


#6
bis(2-Chloroethyl)ether
Concen: 9.92 ng
RT: 7.14 min Scan# 282
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Tgt Ion: 93 Resp: 151407

Ion	Ratio	Lower	Upper
93	100		
63	72.3	58.2	87.4
95	32.5	26.2	39.4



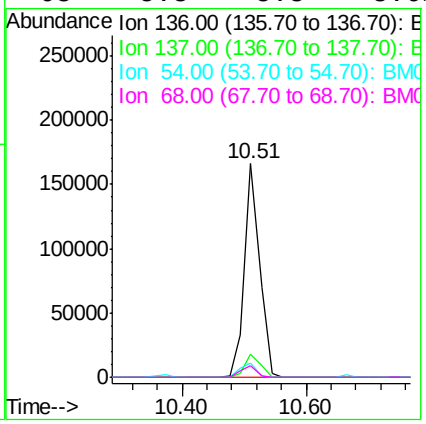


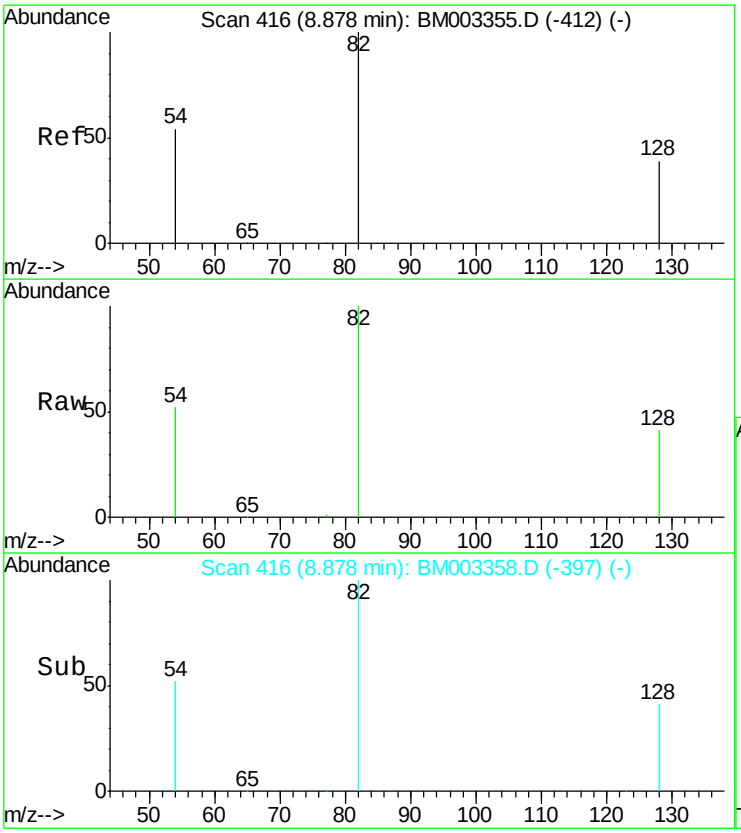
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.51 min Scan# 554
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 280427

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.0	12.0
54	6.4	7.4	11.0#
68	5.3	5.8	8.6#

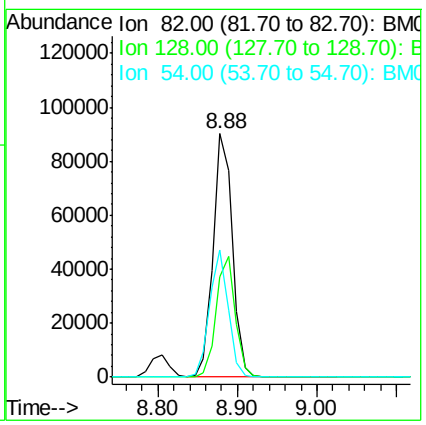


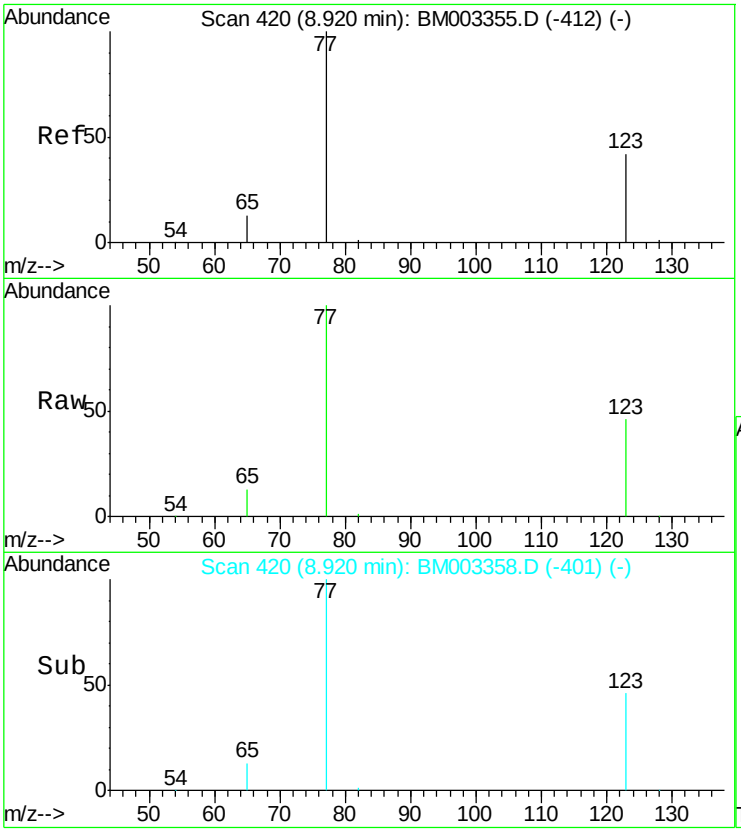


#8
Nitrobenzene-d5
Concen: 11.82 ng
RT: 8.88 min Scan# 416
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Tgt Ion: 82 Resp: 151115

Ion	Ratio	Lower	Upper
82	100		
128	41.1	35.2	52.8
54	52.4	36.4	54.6



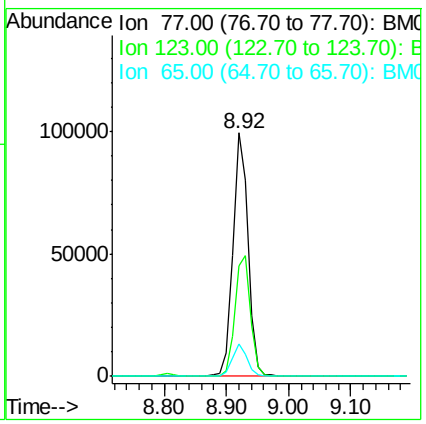


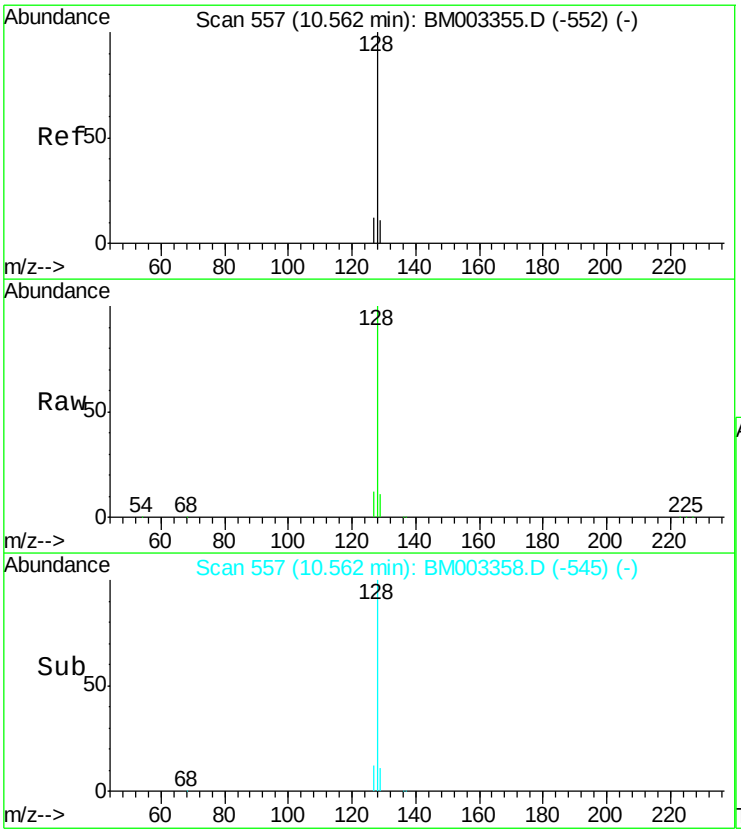
#9
Nitrobenzene
Concen: 12.21 ng
RT: 8.92 min Scan# 420
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 168232

Ion	Ratio	Lower	Upper
77	100		
123	51.5	37.7	56.5
65	12.8	9.8	14.6

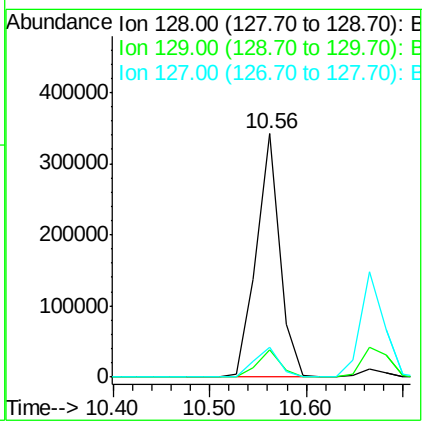


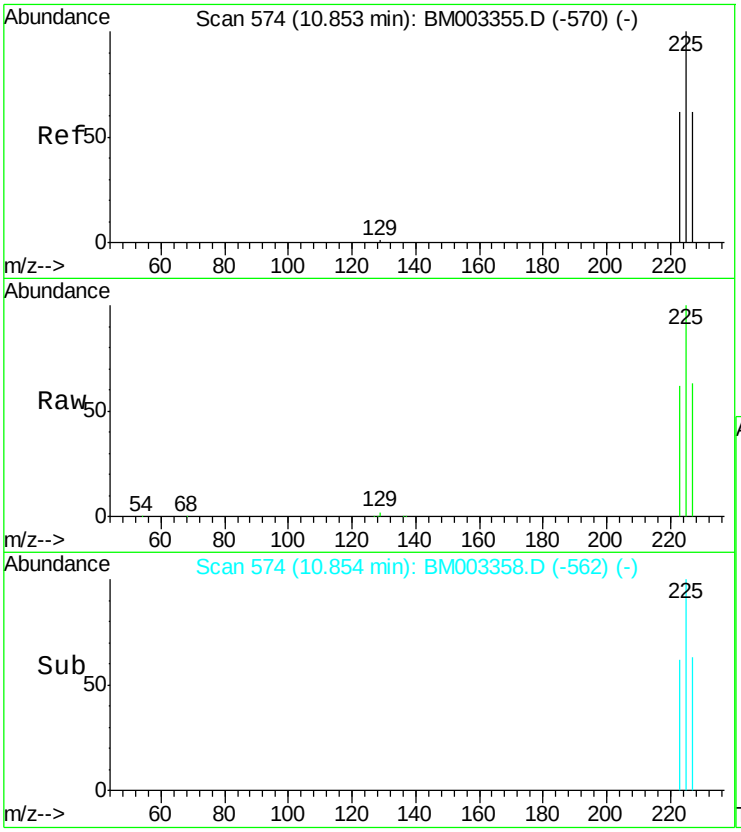


#10
Naphthalene
Concen: 9.50 ng
RT: 10.56 min Scan# 557
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Tgt Ion:128 Resp: 577666

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.5	12.7
127	12.3	10.6	16.0



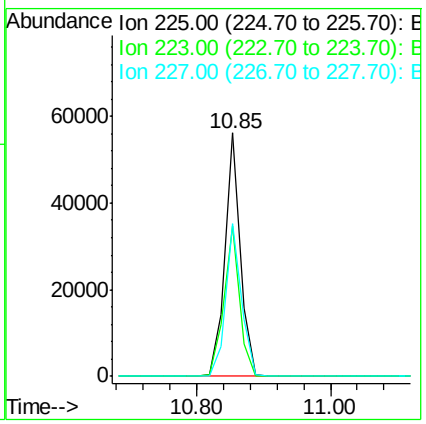


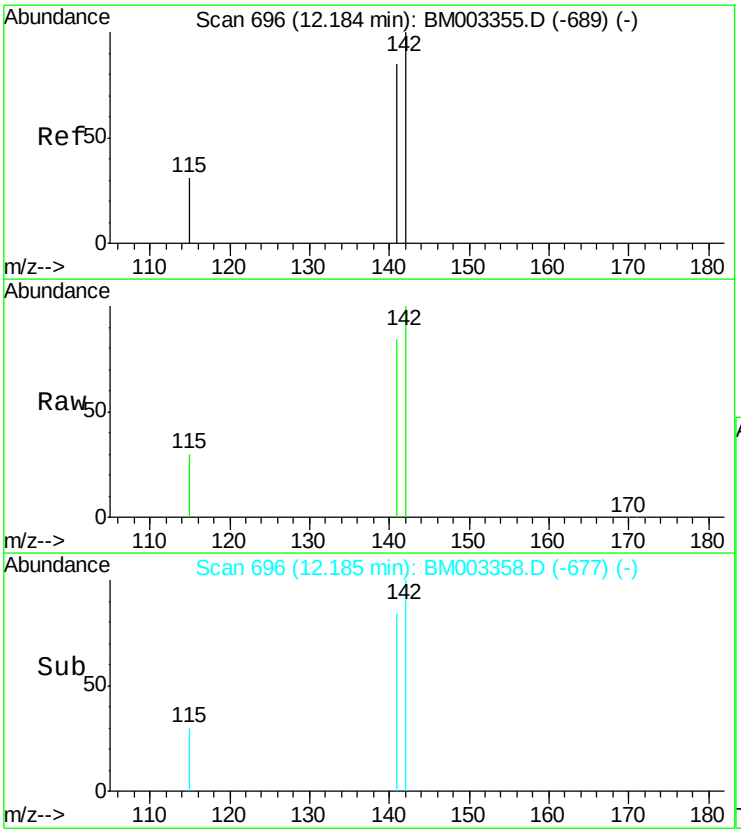
#11
Hexachlorobutadiene
Concen: 9.60 ng
RT: 10.85 min Scan# 574
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:225 Resp: 89959

Ion	Ratio	Lower	Upper
225	100		
223	63.1	53.0	79.4
227	64.1	52.2	78.4

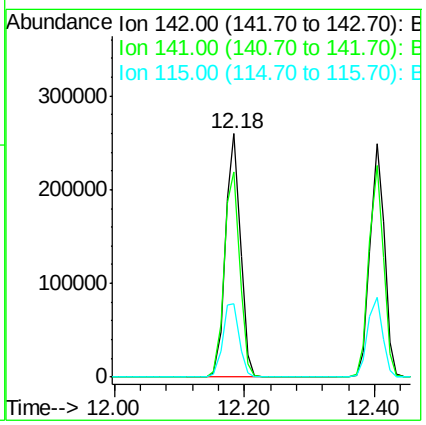


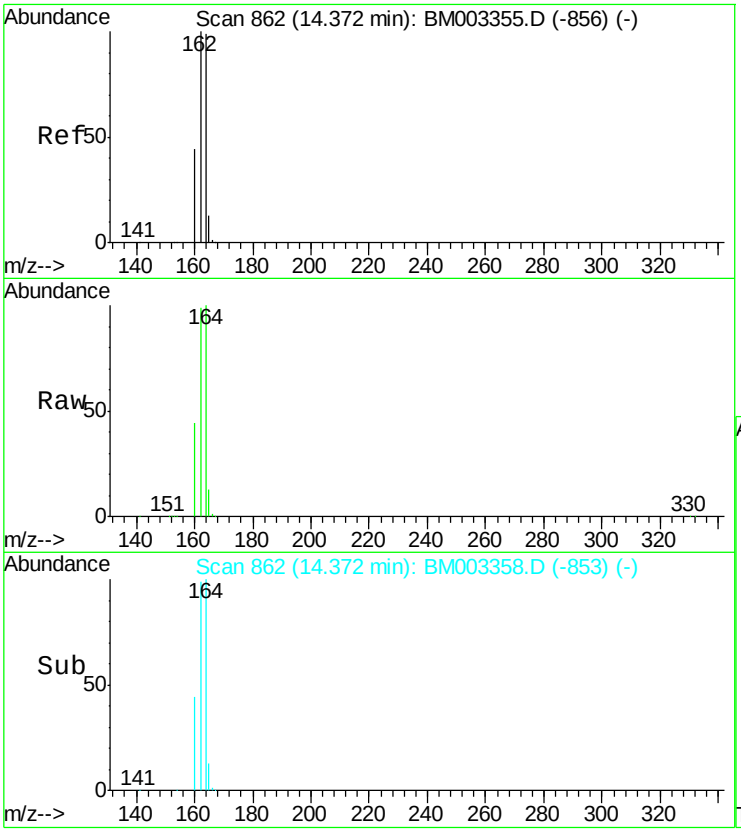


#12
2-Methylnaphthalene
Concen: 9.94 ng
RT: 12.18 min Scan# 696
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Tgt Ion:142 Resp: 411830

Ion	Ratio	Lower	Upper
142	100		
141	84.4	72.2	108.2
115	29.9	28.0	42.0



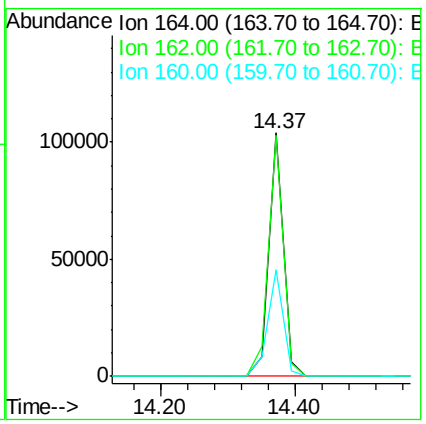


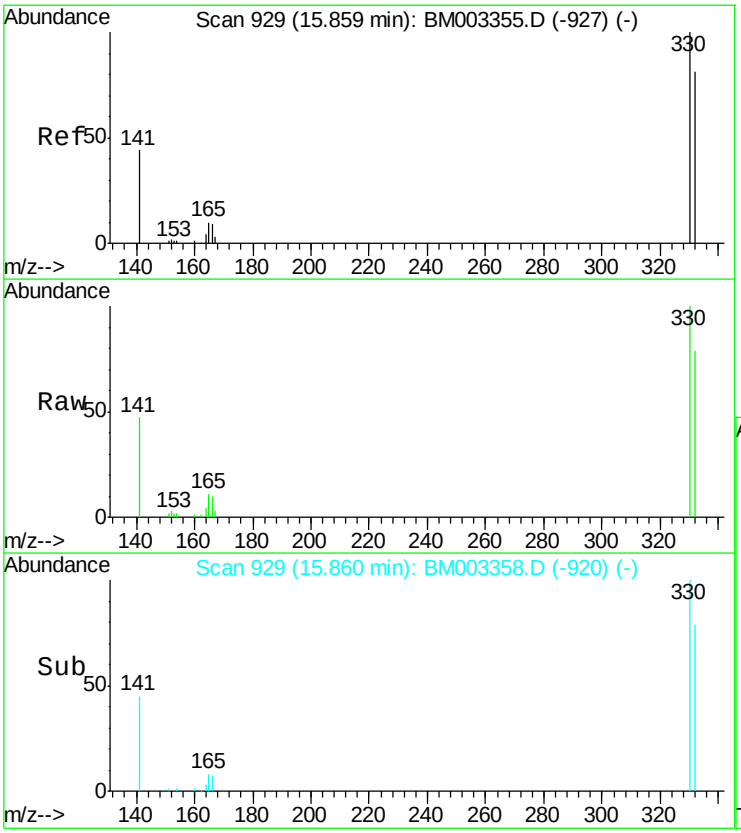
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.37 min Scan# 862
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 157760

Ion	Ratio	Lower	Upper
164	100		
162	99.2	78.3	117.5
160	44.0	33.8	50.6

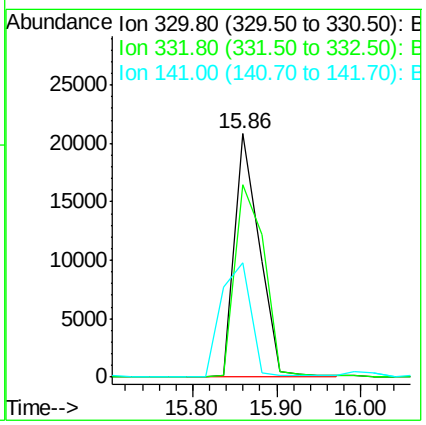


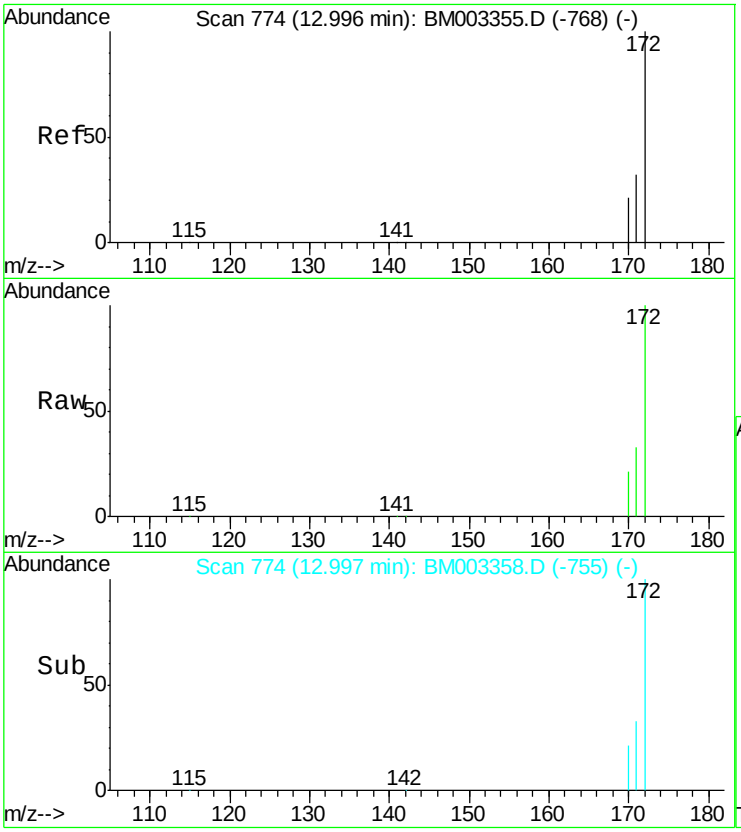


#14
2,4,6-Tribromophenol
Concen: 13.35 ng
RT: 15.86 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Tgt Ion:330 Resp: 41969

Ion	Ratio	Lower	Upper
330	100		
332	93.2	76.0	114.0
141	56.9	0.0	0.0#



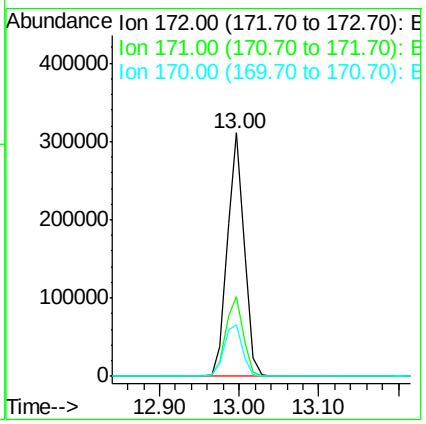


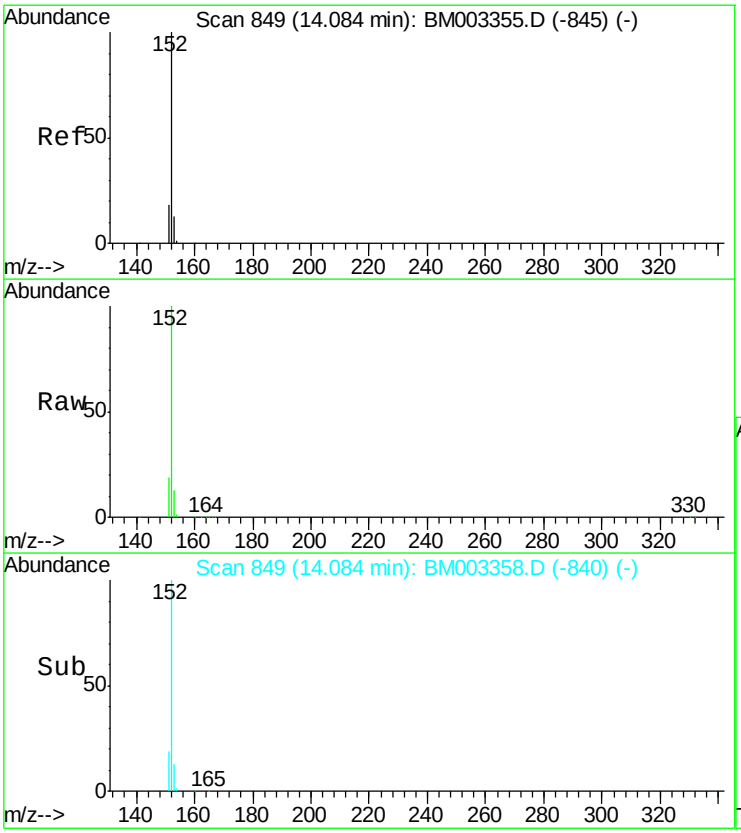
#15
2-Fluorobiphenyl
Concen: 9.44 ng
RT: 13.00 min Scan# 774
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 451670

Ion	Ratio	Lower	Upper
172	100		
171	33.0	28.0	42.0
170	21.1	18.9	28.3

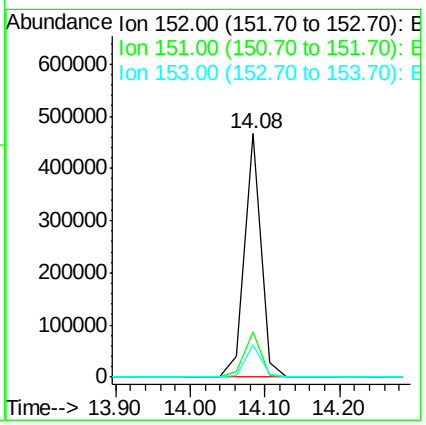


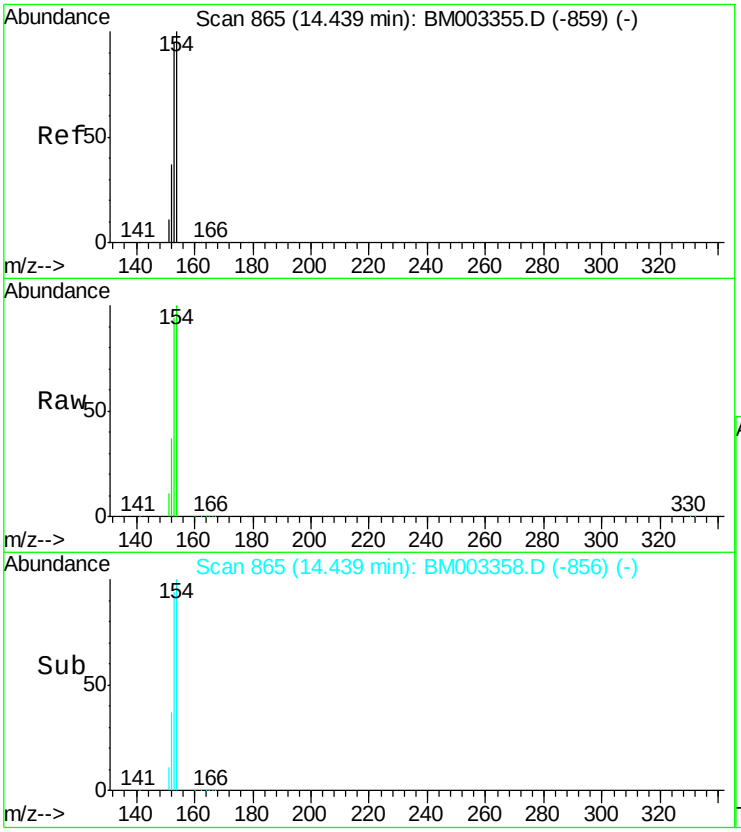


#16
Acenaphthylene
Concen: 11.78 ng
RT: 14.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Tgt Ion:152 Resp: 718744

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.2	22.8
153	13.1	10.4	15.6



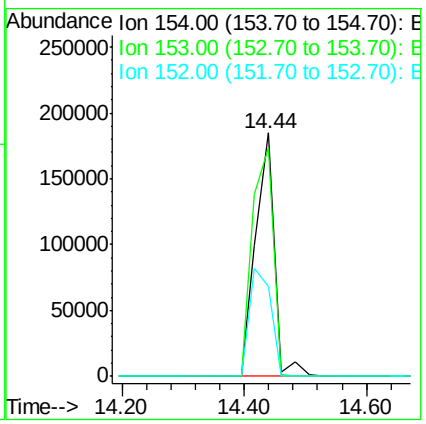


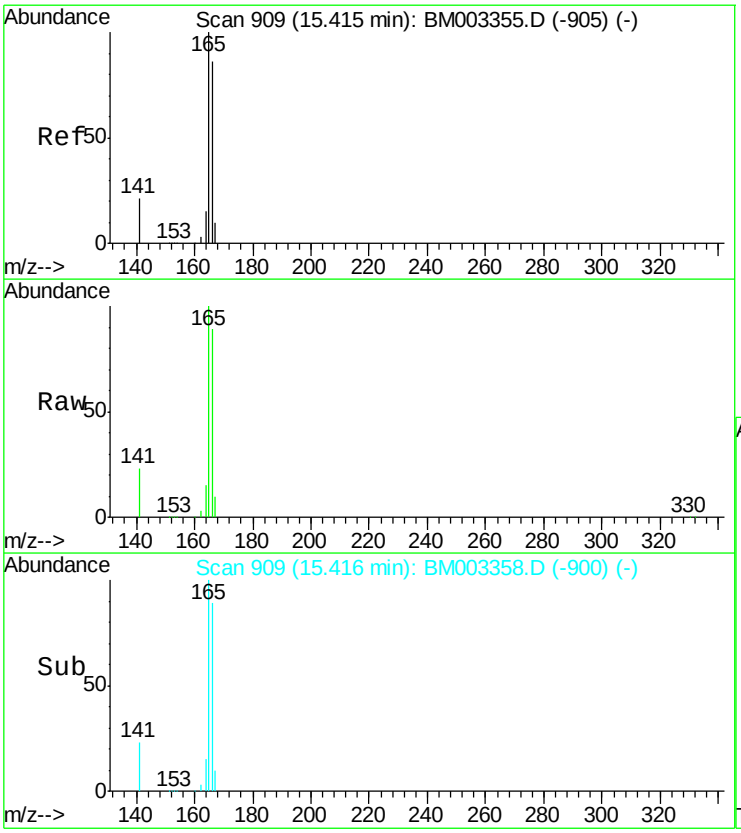
#17
Acenaphthene
Concen: 9.57 ng
RT: 14.44 min Scan# 865
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:154 Resp: 400960

Ion	Ratio	Lower	Upper
154	100		
153	104.4	0.0	0.0#
152	0.0	0.0	0.0

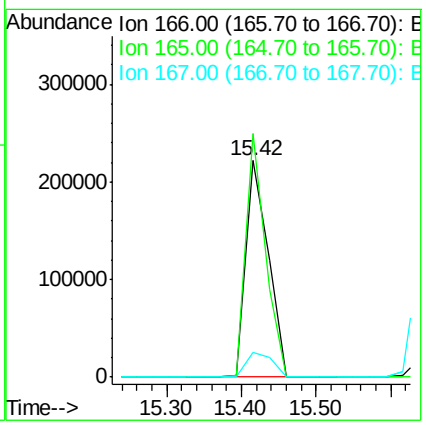


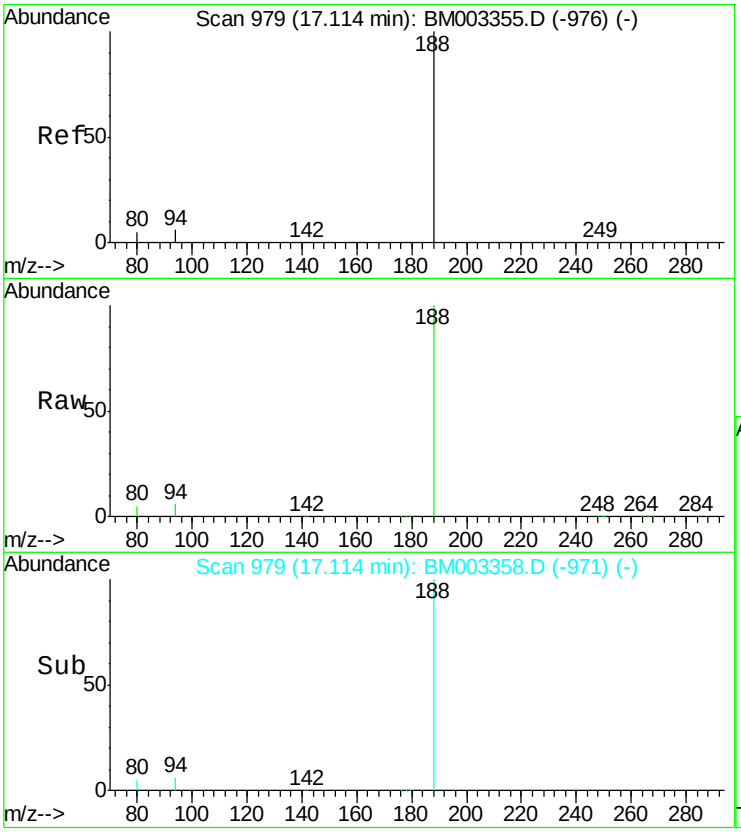


#18
Fluorene
Concen: 9.69 ng
RT: 15.42 min Scan# 909
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Tgt Ion:166 Resp: 457537

Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.8	121.2
167	13.3	10.5	15.7



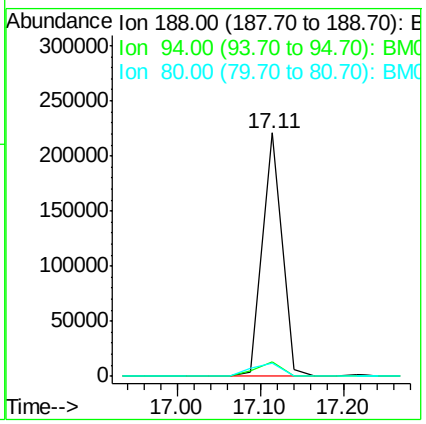


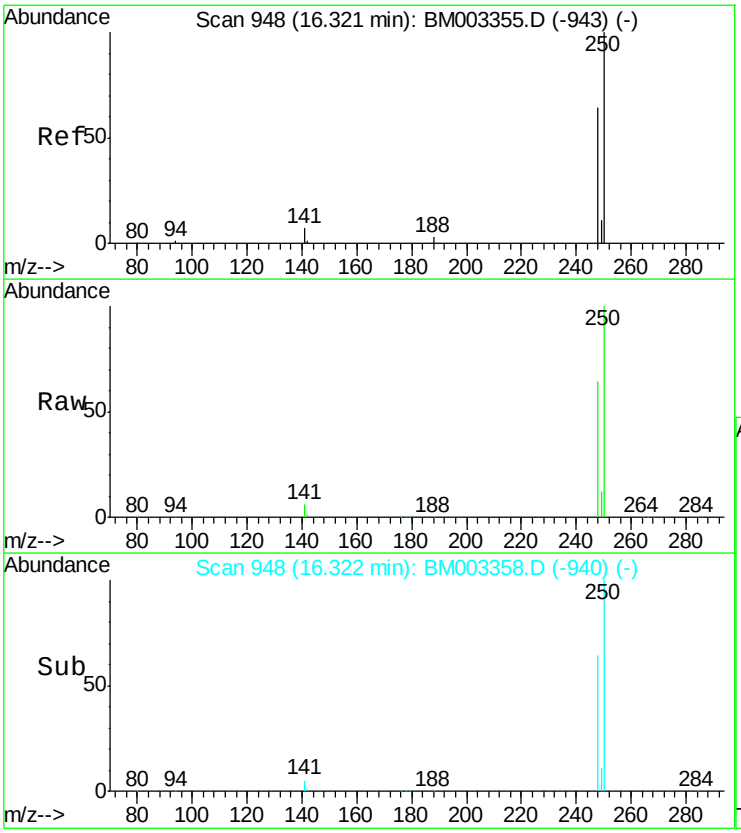
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.11 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:188 Resp: 354263

Ion	Ratio	Lower	Upper
188	100		
94	6.0	1.8	2.6#
80	5.2	1.4	2.0#

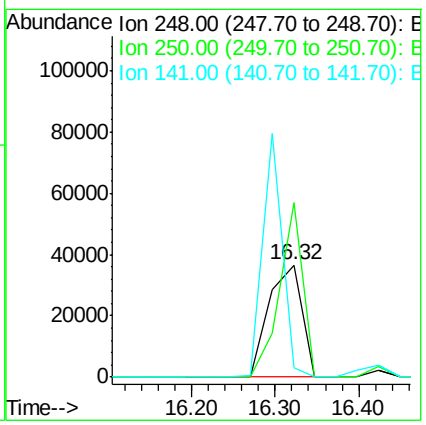


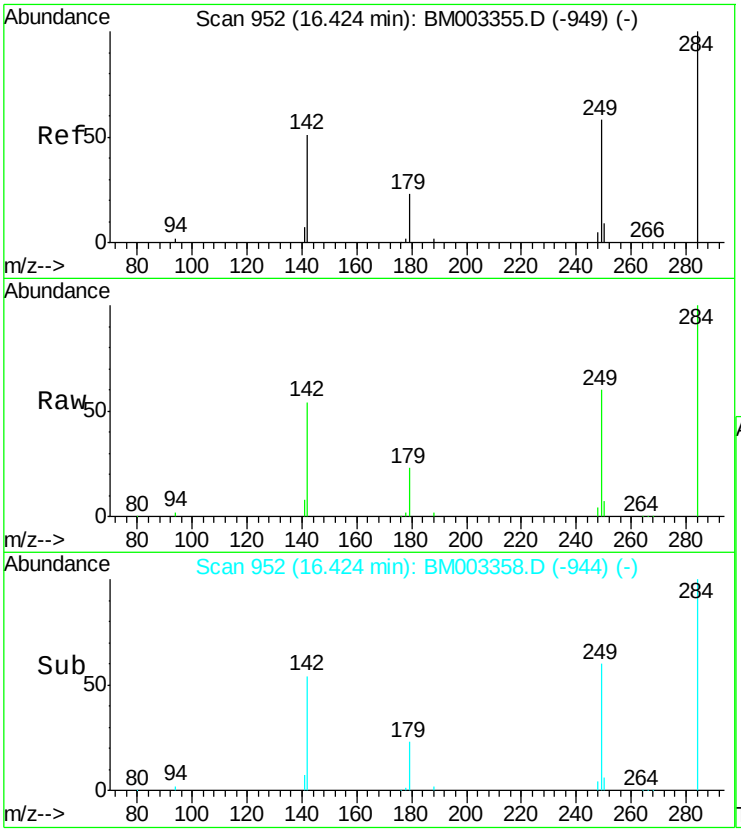


#20
4-Bromophenyl-phenylether
Concen: 9.76 ng
RT: 16.32 min Scan# 948
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Tgt Ion:248 Resp: 99851

Ion	Ratio	Lower	Upper
248	100		
250	109.6	65.4	98.0#
141	0.0	72.8	109.2#



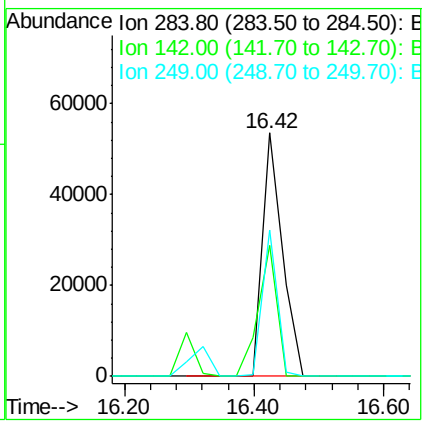


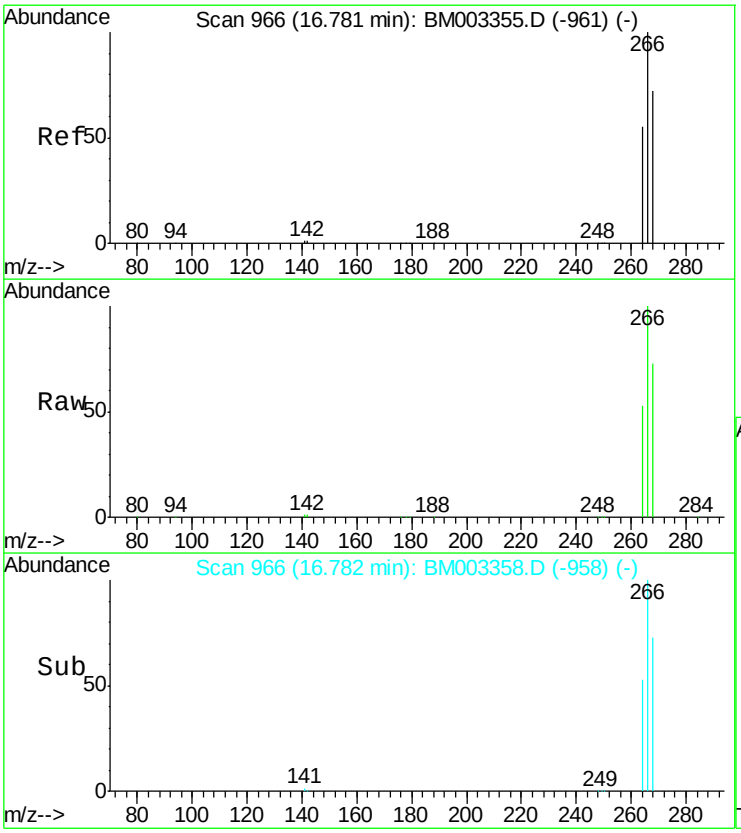
#21
Hexachlorobenzene
Concen: 9.14 ng
RT: 16.42 min Scan# 952
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:284 Resp: 113144

Ion	Ratio	Lower	Upper
284	100		
142	50.5	0.0	0.0#
249	45.3	19.4	29.2#

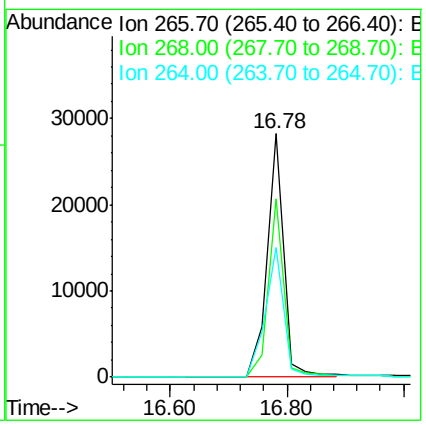


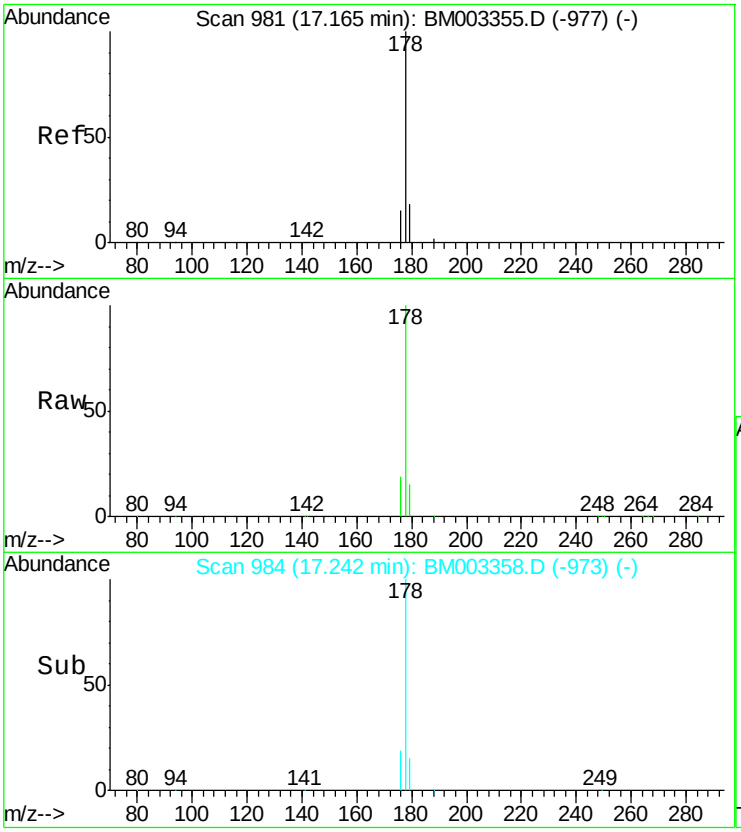


#22
Pentachlorophenol
Concen: 15.35 ng
RT: 16.78 min Scan# 966
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Tgt Ion:266 Resp: 56180

Ion	Ratio	Lower	Upper
266	100		
268	73.4	45.8	68.8#
264	53.1	56.7	85.1#



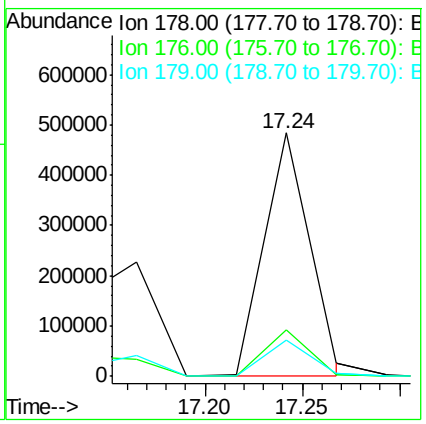


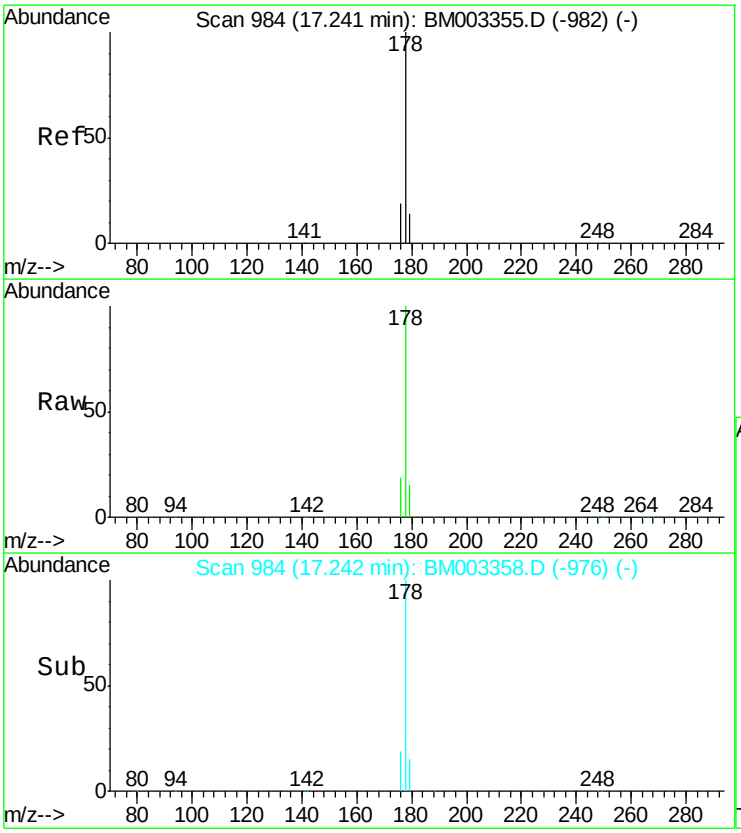
#23
Phenanthrene
Concen: 11.35 ng
RT: 17.24 min Scan# 984
Delta R.T. 0.08 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 786143

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	14.9	11.7	17.5

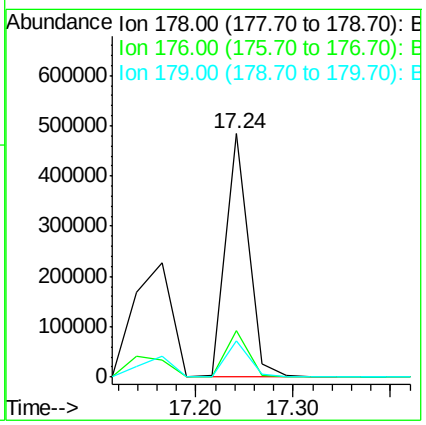


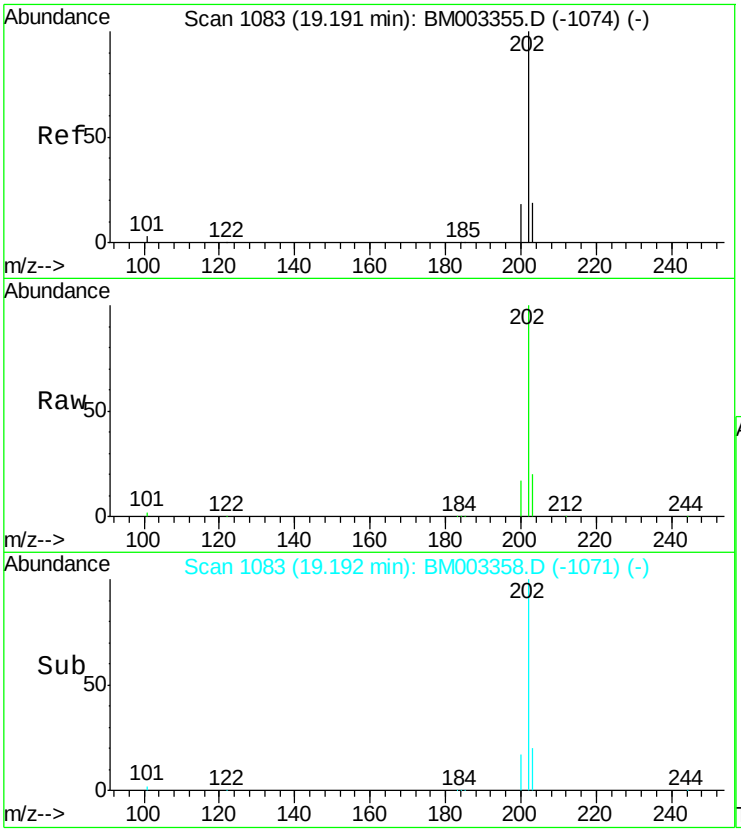


#24
Anthracene
Concen: 11.17 ng
RT: 17.24 min Scan# 984
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Tgt Ion:178 Resp: 792271

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.1	21.1
179	14.9	12.8	19.2



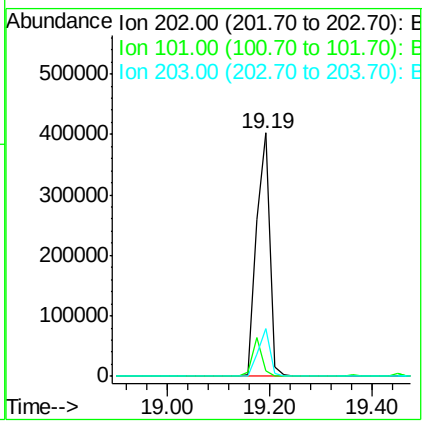


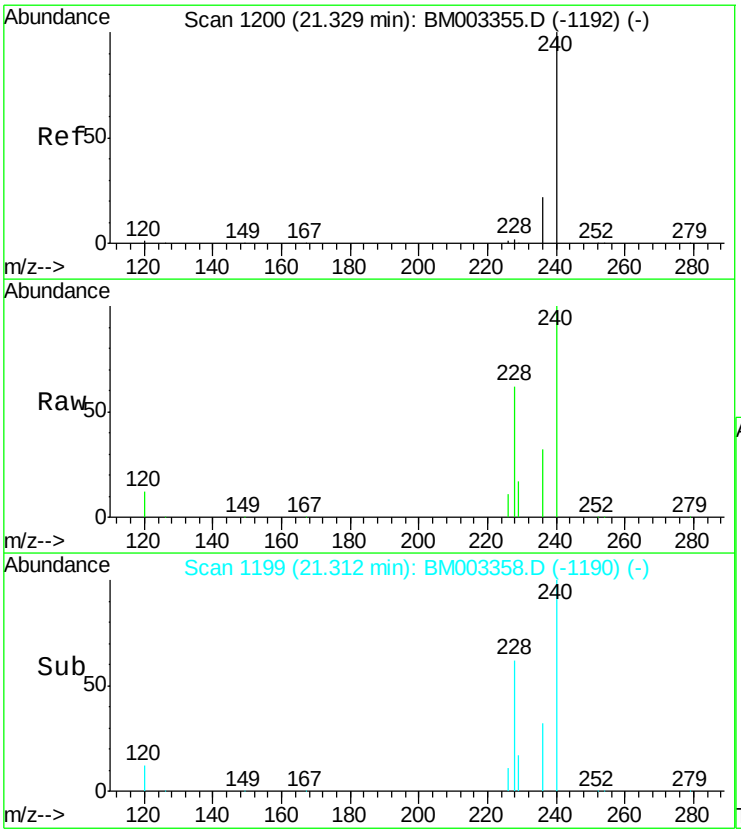
#25
Fluoranthene
Concen: 9.94 ng
RT: 19.19 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 704300

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.9	14.9
203	17.5	13.9	20.9

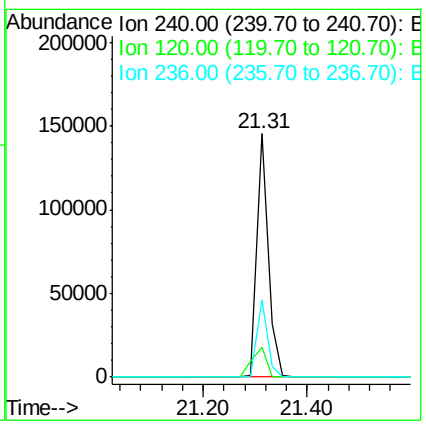


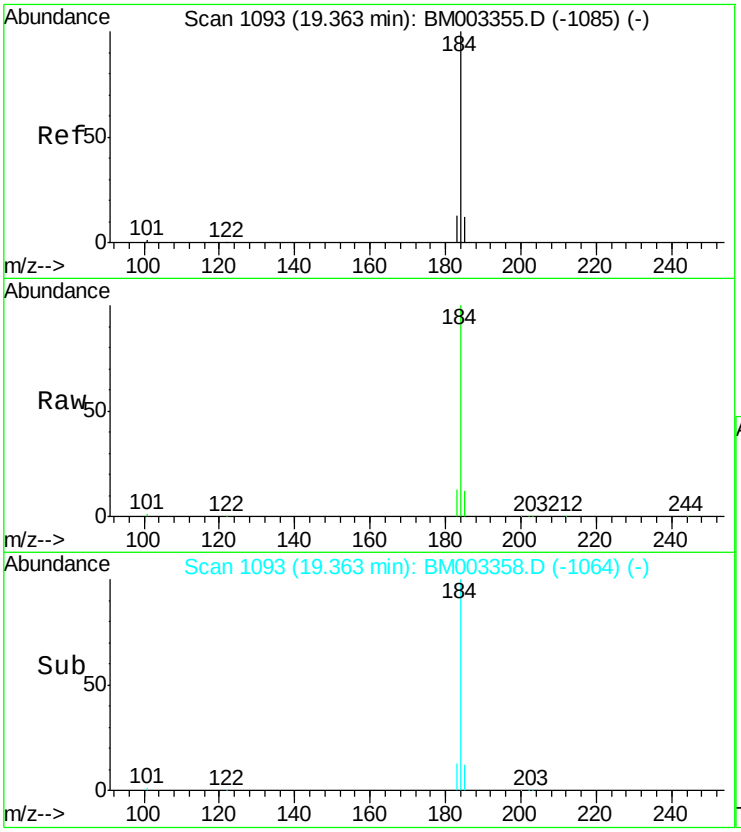


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Tgt Ion:240 Resp: 221367

Ion	Ratio	Lower	Upper
240	100		
120	12.5	1.0	1.4#
236	31.6	17.9	26.9#



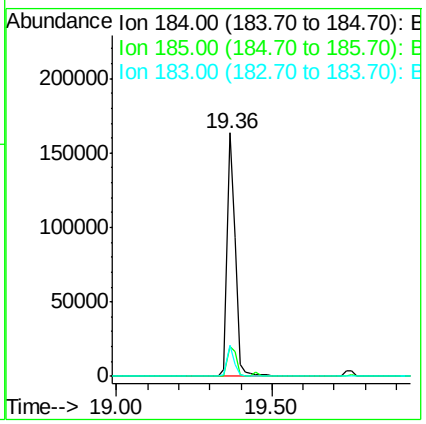


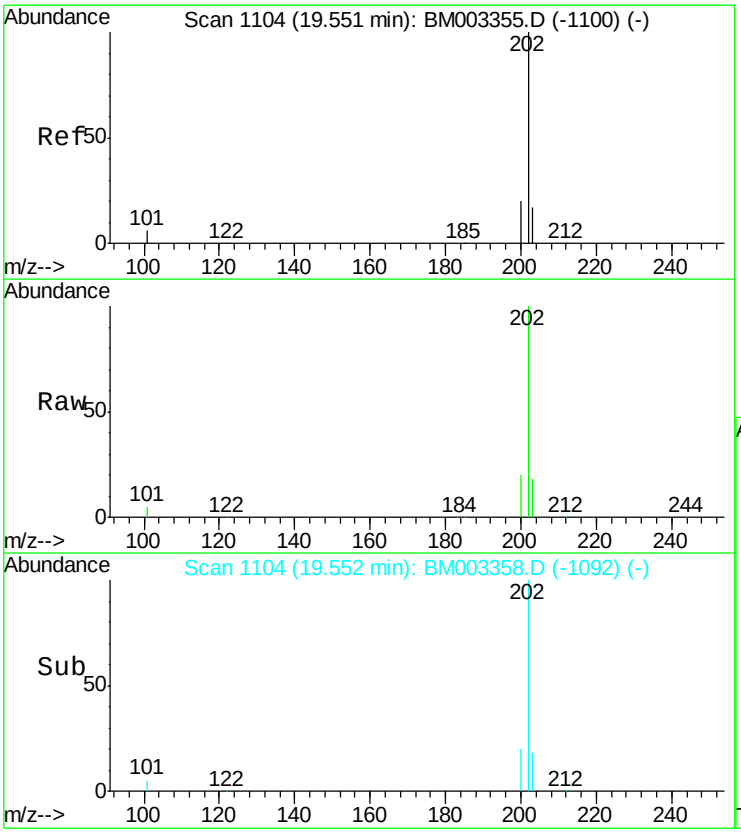
#27
Benzidine
Concen: 17.37 ng
RT: 19.36 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 287979

Ion	Ratio	Lower	Upper
184	100		
185	12.0	11.6	17.4
183	12.7	8.6	13.0

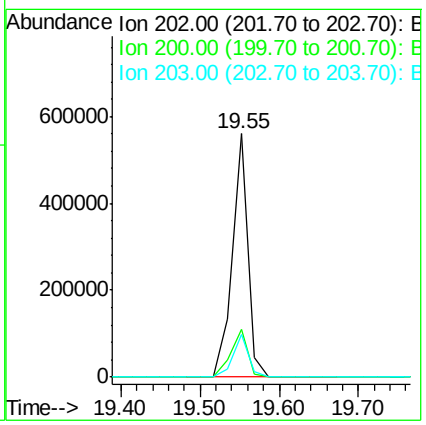


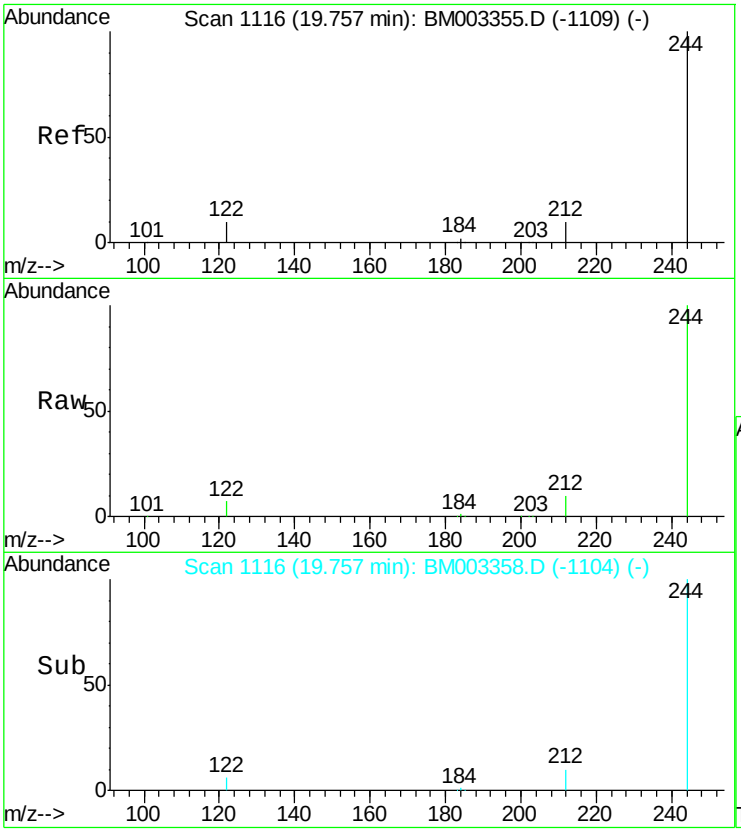


#28
Pyrene
Concen: 9.51 ng
RT: 19.55 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Tgt Ion:202 Resp: 767434

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



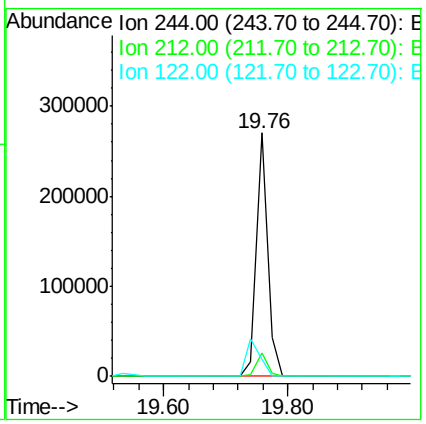


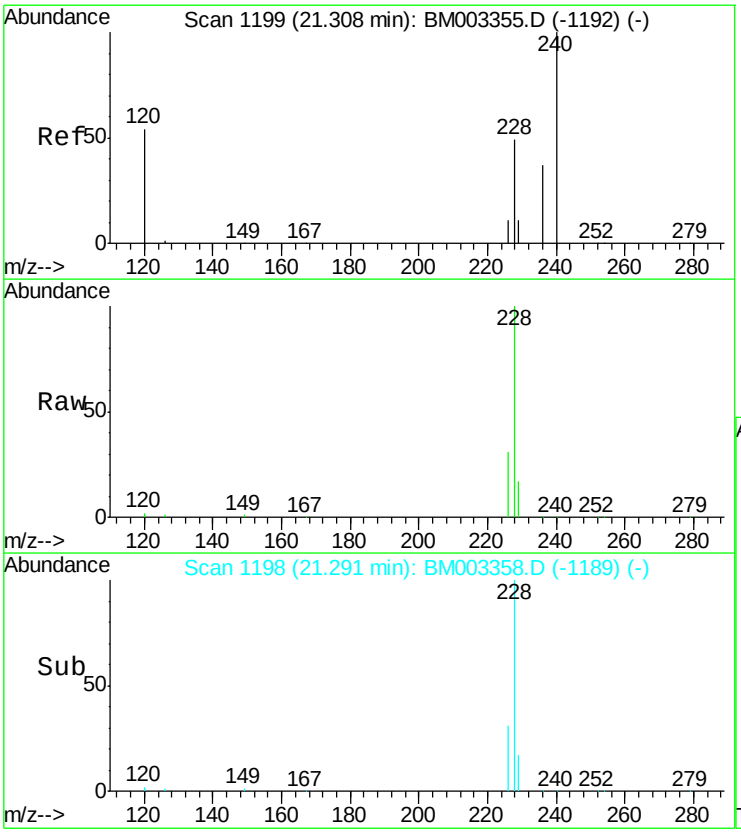
#29
Terphenyl-d14
Concen: 9.40 ng
RT: 19.76 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 340104

Ion	Ratio	Lower	Upper
244	100		
212	9.9	6.5	9.7#
122	7.0	2.0	3.0#

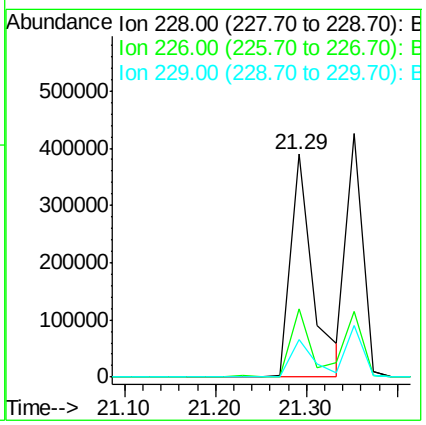


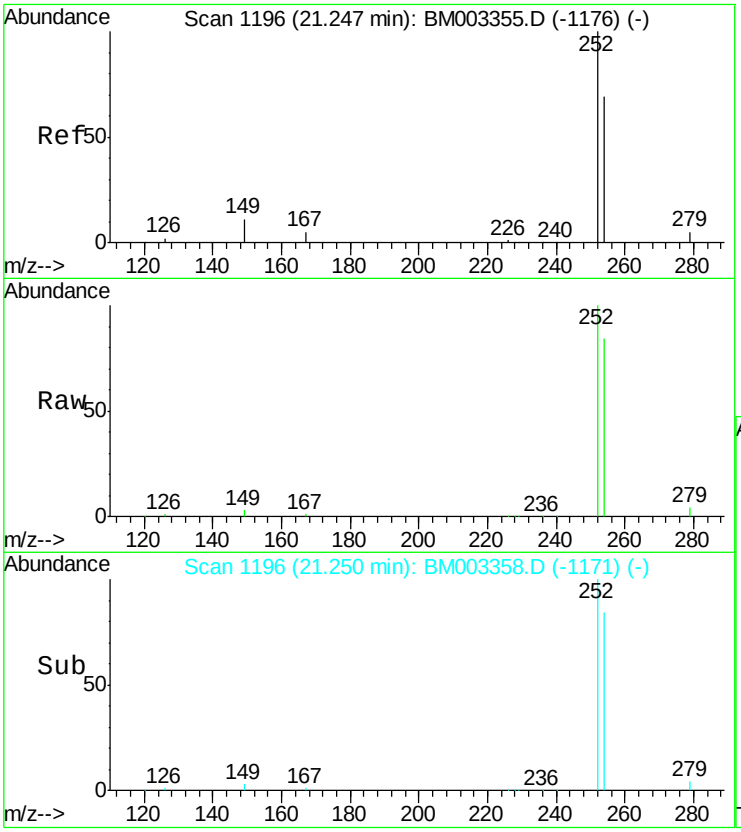


#30
Benzo(a)anthracene
Concen: 11.34 ng
RT: 21.29 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Tgt Ion:228 Resp: 666239

Ion	Ratio	Lower	Upper
228	100		
226	30.5	17.8	26.6#
229	17.0	18.0	27.0#



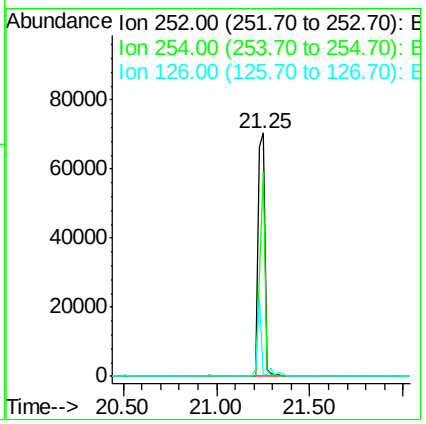


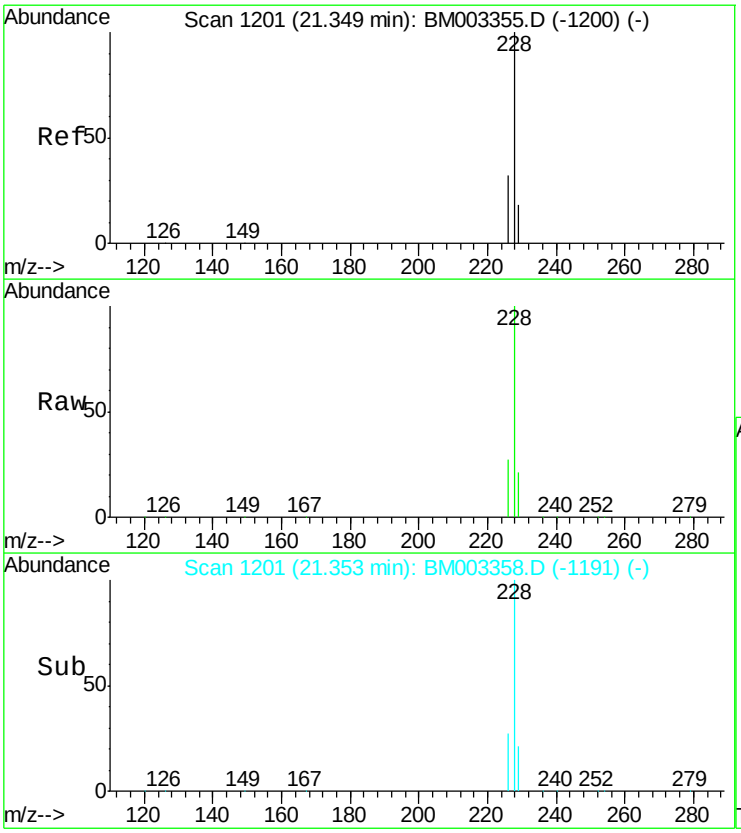
#31
3,3'-Dichlorobenzidine
Concen: 11.53 ng
RT: 21.25 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 174837

Ion	Ratio	Lower	Upper
252	100		
254	83.8	53.7	80.5#
126	1.0	2.8	4.2#

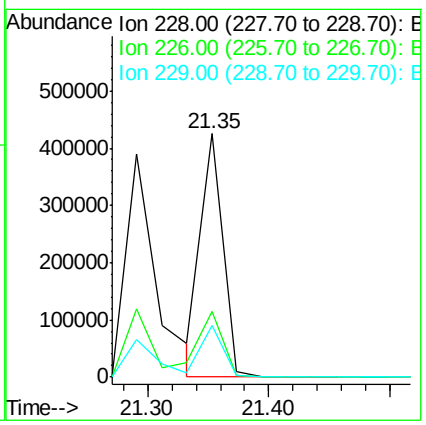


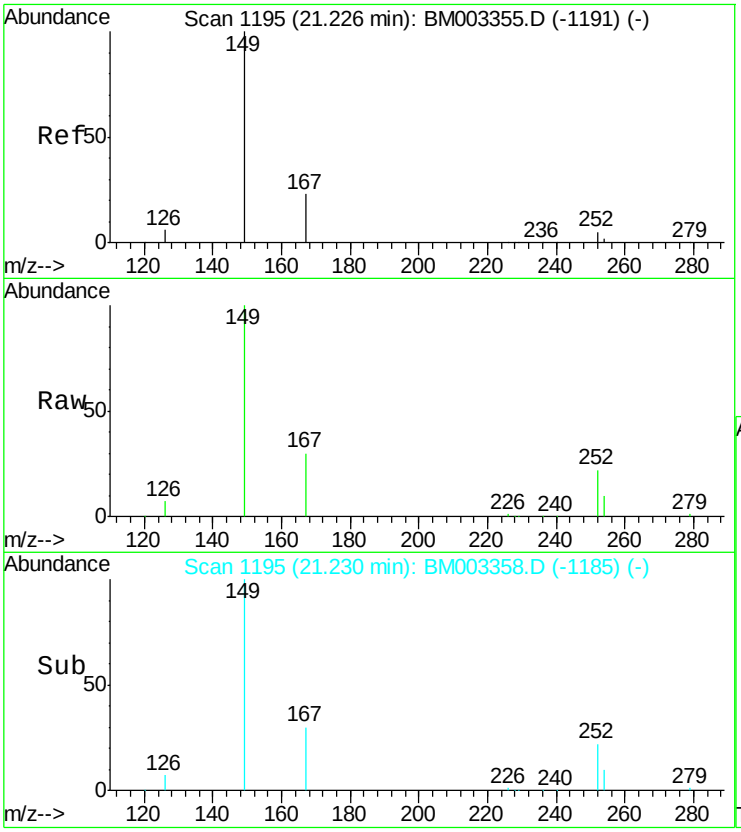


#32
Chrysene
Concen: 8.01 ng
RT: 21.35 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Tgt Ion:228 Resp: 536603

Ion	Ratio	Lower	Upper
228	100		
226	26.7	25.5	38.3
229	21.3	14.3	21.5



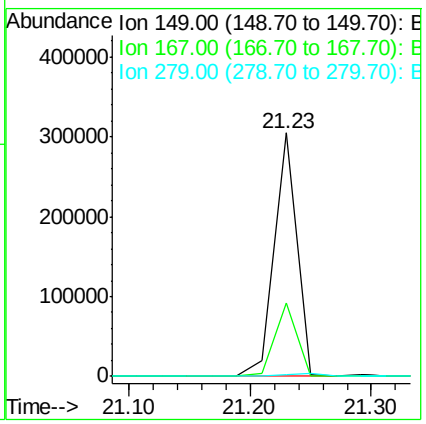


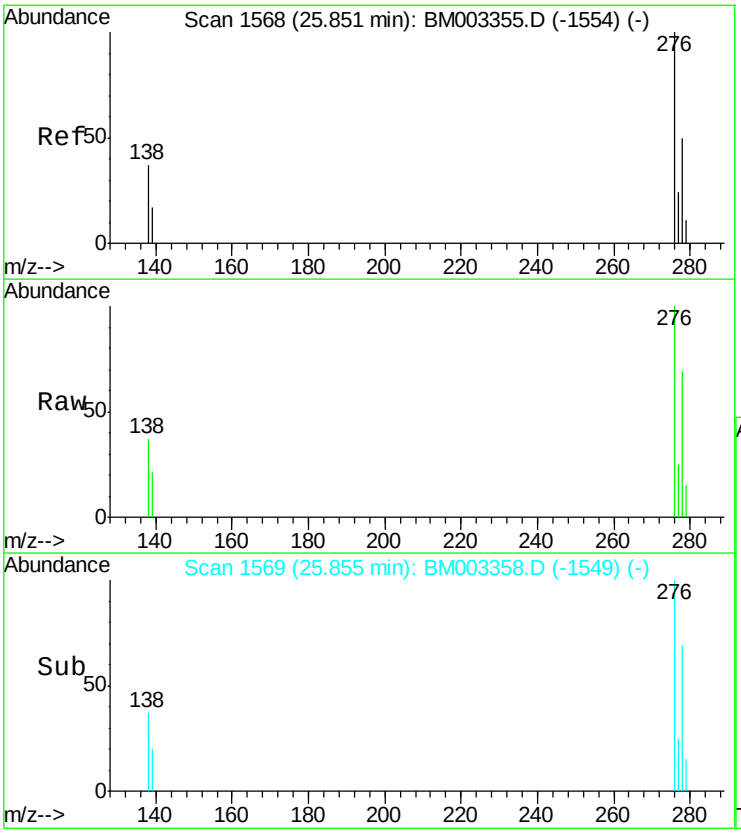
#33
Bis(2-ethylhexyl)phthalate
Concen: 13.96 ng
RT: 21.23 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 402455

Ion	Ratio	Lower	Upper
149	100		
167	29.5	19.6	29.4#
279	0.0	0.0	0.0

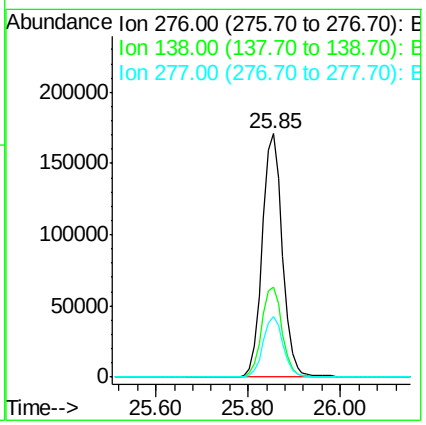


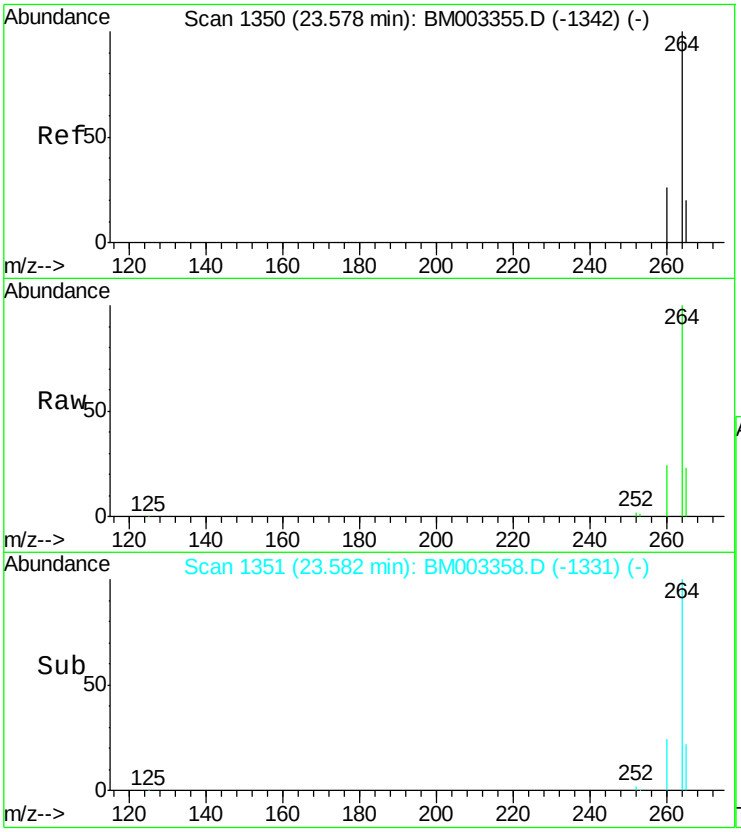


#34
Indeno(1,2,3-cd)pyrene
Concen: 10.07 ng
RT: 25.85 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Tgt Ion:276 Resp: 518074

Ion	Ratio	Lower	Upper
276	100		
138	37.6	19.1	28.7#
277	24.7	15.9	23.9#



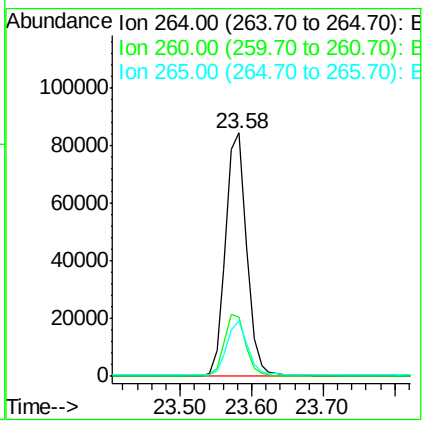


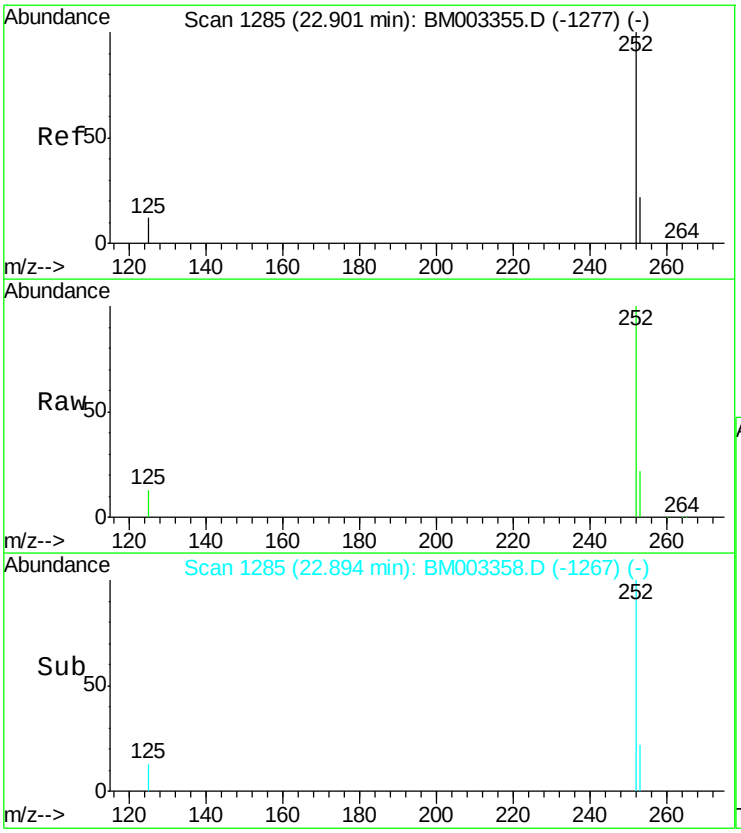
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.58 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:264 Resp: 172931

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	22.6	18.4	27.6

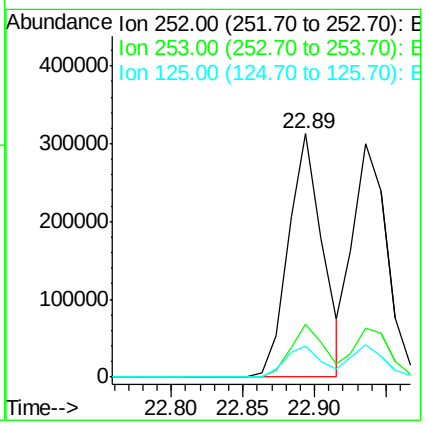


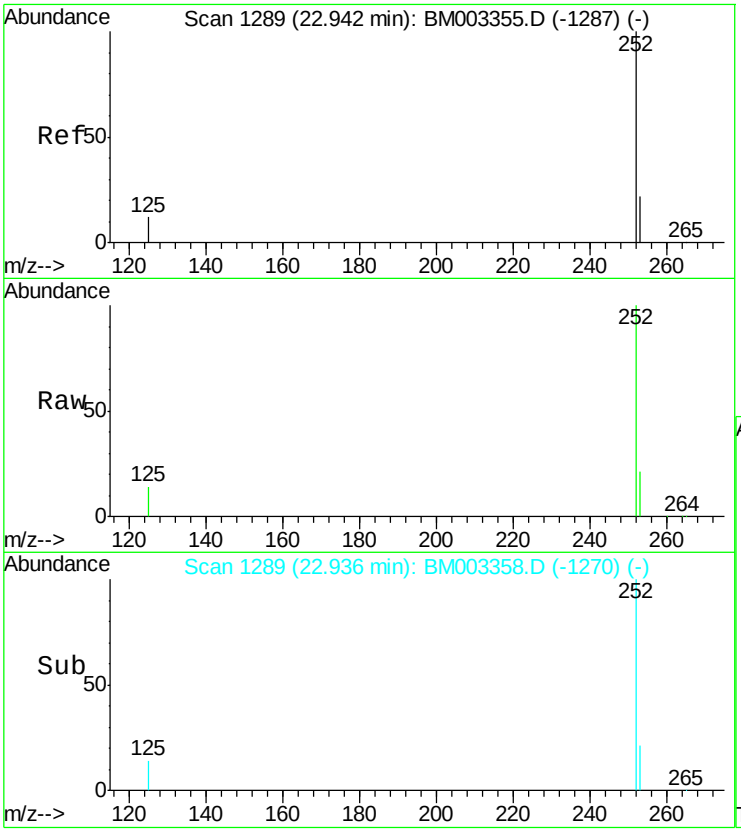


#36
Benzo(b)fluoranthene
Concen: 9.83 ng
RT: 22.89 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Tgt Ion:252 Resp: 518766

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	13.0	10.3	15.5



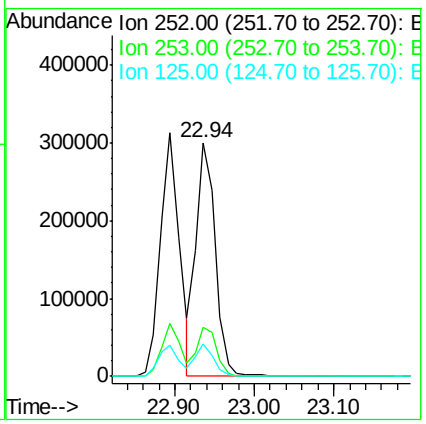


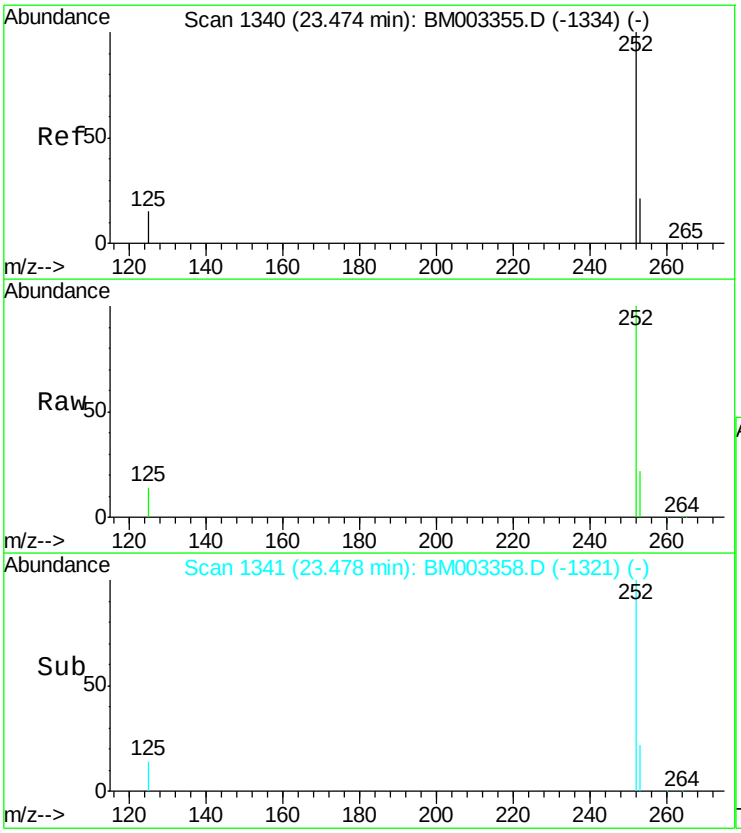
#37
Benzo(k)fluoranthene
Concen: 10.73 ng
RT: 22.94 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 502601

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.5	26.3
125	13.6	10.7	16.1

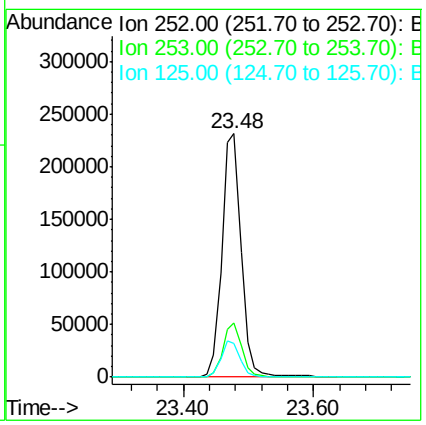


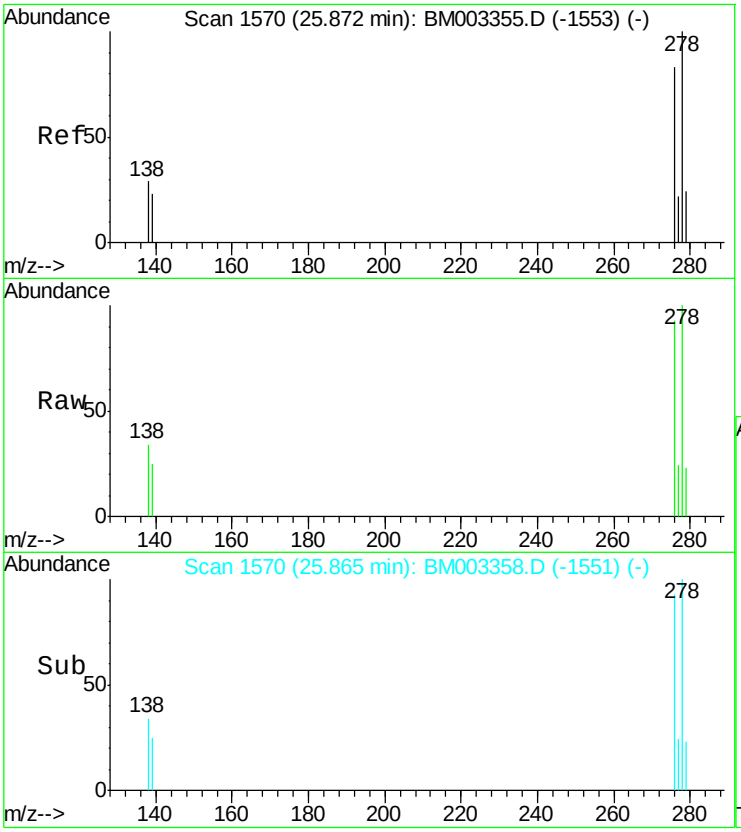


#38
Benzo(a)pyrene
Concen: 11.02 ng
RT: 23.48 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Tgt Ion:252 Resp: 469833

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.7	28.1
125	13.6	11.6	17.4



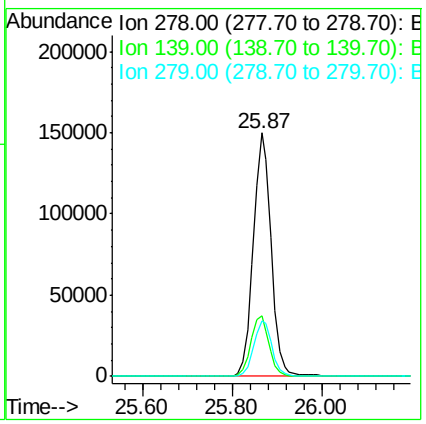


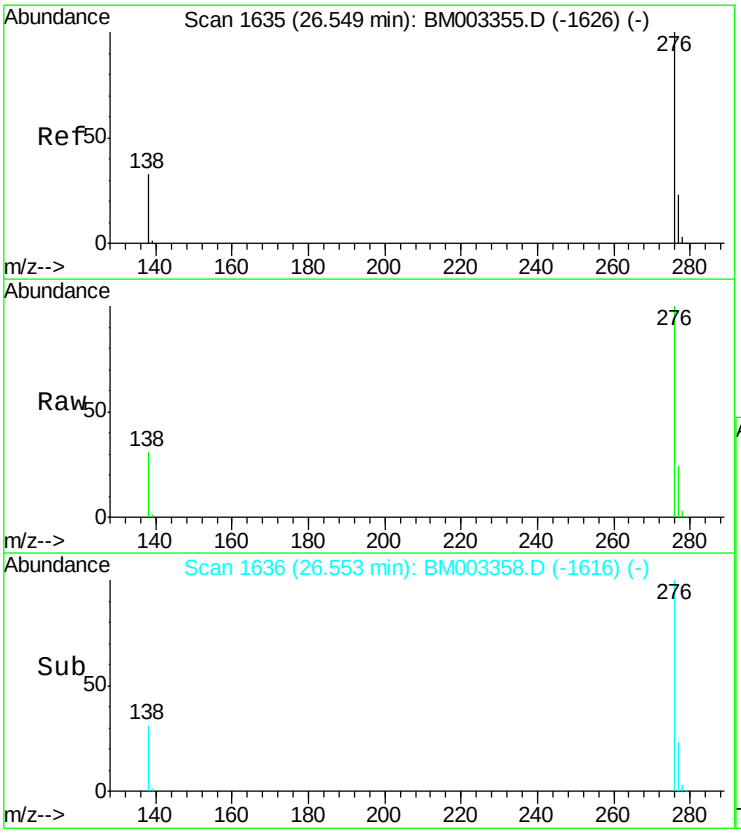
#39
Dibenzo(a,h)anthracene
Concen: 10.73 ng
RT: 25.87 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 417535

Ion	Ratio	Lower	Upper
278	100		
139	25.1	18.2	27.4
279	22.7	18.8	28.2





#40
Benzo(g,h,i)perylene
Concen: 10.40 ng
RT: 26.55 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BM003358.D
Acq: 02 Dec 2015 15:30

Tgt Ion:276 Resp: 429319

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.6
138	30.8	22.3	33.5