Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052015\
Data File : BM001354.D
Acq On : 21 May 2015 10:59
Operator : TP/IZ
Sample : SSTDICV001
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ICVBM052015

Quant Time: May 21 12:29:11 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM052015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 21 11:08:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	11422	5.00	ng		0.00
6) Naphthalene-d8	10.20	136	46107	5.00	ng		0.00
12) Acenaphthene-d10	14.11	164	29813	5.00	ng		0.00
18) Phenanthrene-d10	16.85	188	58713	5.00	ng		0.00
25) Chrysene-d12	21.07	240	67708	5.00	ng		0.00
32) Perylene-d12	23.17	264	65986	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.02	112	2057	0.93	ng		0.00
5) Phenol-d6	6.61	99	2563	0.93	ng		0.00
7) Nitrobenzene-d5	8.59	82	2297	0.92	ng		0.00
13) 2,4,6-Tribromophenol	15.59	330	1033	0.93	ng		0.00
14) 2-Fluorobiphenyl	12.72	172	8422	0.95	ng		0.00
27) Terphenyl-d14	19.50	244	8515	0.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	917	0.77	ng	#	86
3) n-Nitrosodimethylamine	3.23	42	1134	0.88	ng	#	88
8) Nitrobenzene	8.63	77	2401	0.88	ng		100
9) Naphthalene	10.25	128	9542	0.97	ng		100
10) Hexachlorobutadiene	10.54	225	1817	0.95	ng		99
11) 2-Methylnaphthalene	11.89	142	6689	0.96	ng		97
15) Acenaphthylene	13.82	152	11623	0.93	ng		99
16) Acenaphthene	14.17	154	7402	0.94	ng		100
17) Fluorene	15.15	166	5413	0.86	ng	#	97
19) 4-Bromophenyl-phenylether	16.04	248	3471	1.08	ng		89
20) Hexachlorobenzene	16.17	284	4042	0.93	ng	#	95
21) Pentachlorophenol	16.51	266	1162	0.85	ng		98
22) Phenanthrene	16.89	178	27310	1.32	ng		93
23) Anthracene	16.89	178	27408	3.43	ng	#	48
24) Fluoranthene	18.92	202	18170	1.03	ng		100
26) Pyrene	19.29	202	19498	0.94	ng		100
28) Benzo(a)anthracene	21.04	228	18127	0.94	ng		99
29) Chrysene	21.10	228	17736	0.96	ng		99
30) Bis(2-ethylhexyl)phthalate	20.99	149	7843	0.82	ng		100
31) Indeno(1,2,3-cd)pyrene	25.24	276	19234	0.96	ng		100
33) Benzo(b)fluoranthene	22.54	252	19073	0.94	ng		99
34) Benzo(k)fluoranthene	22.58	252	16877	0.94	ng		100
35) Benzo(a)pyrene	23.07	252	15940	0.92	ng		99
36) Dibenzo(a,h)anthracene	25.25	278	14849	0.93	ng		99
37) Benzo(g,h,i)perylene	25.88	276	15875	0.93	ng		99

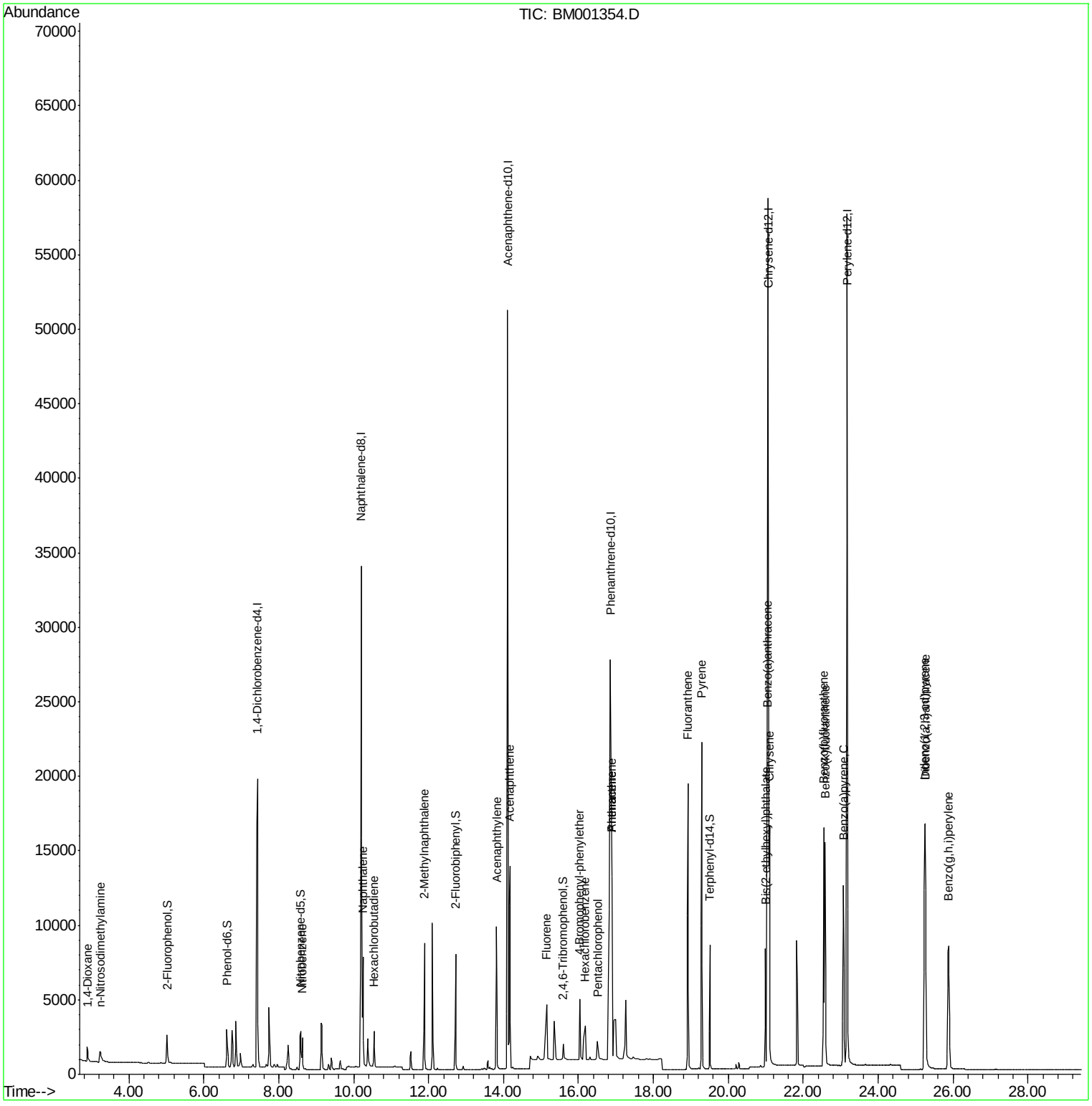
(#) = qualifier out of range (m) = manual integration (+) = signals summed

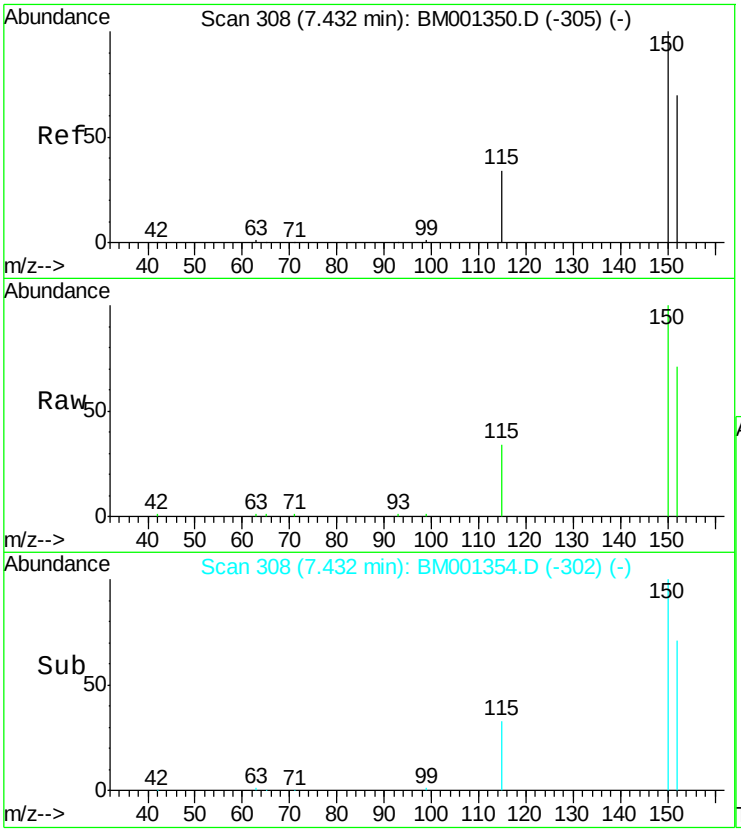
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052015\
Data File : BM001354.D
Acq On : 21 May 2015 10:59
Operator : TP/IZ
Sample : SSTDICV001
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM052015

Quant Time: May 21 12:29:11 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM052015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 21 11:08:14 2015
Response via : Initial Calibration



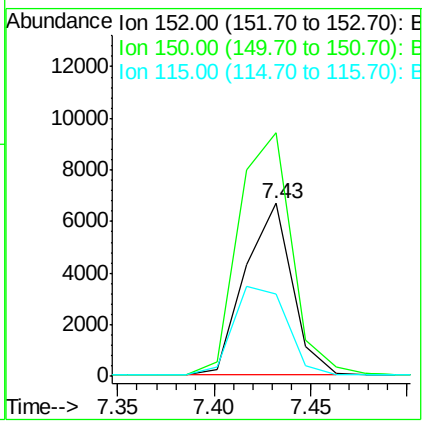


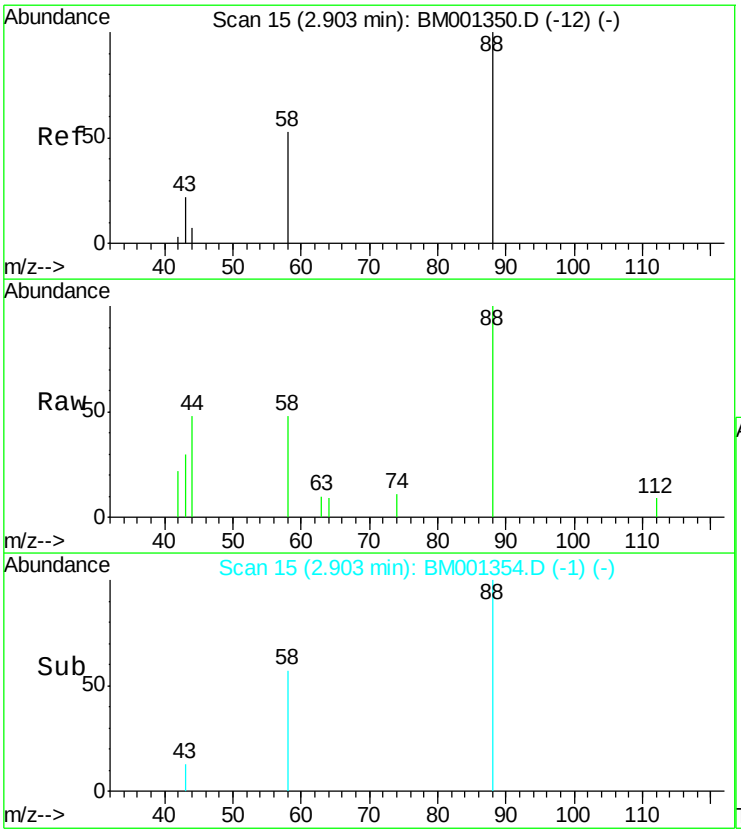
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.43 min Scan# 308
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Instrument :
BNA_M
ClientSampleId :
ICVBM052015

Tgt Ion:152 Resp: 11422

Ion	Ratio	Lower	Upper
152	100		
150	140.9	114.1	171.1
115	47.6	39.2	58.8

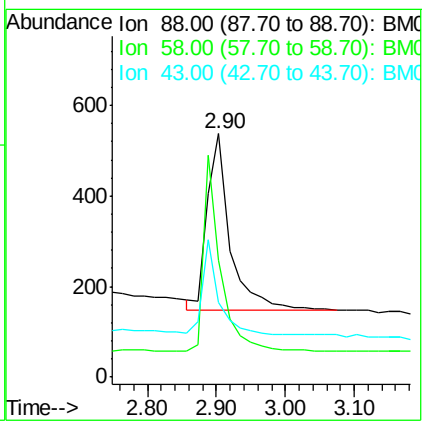


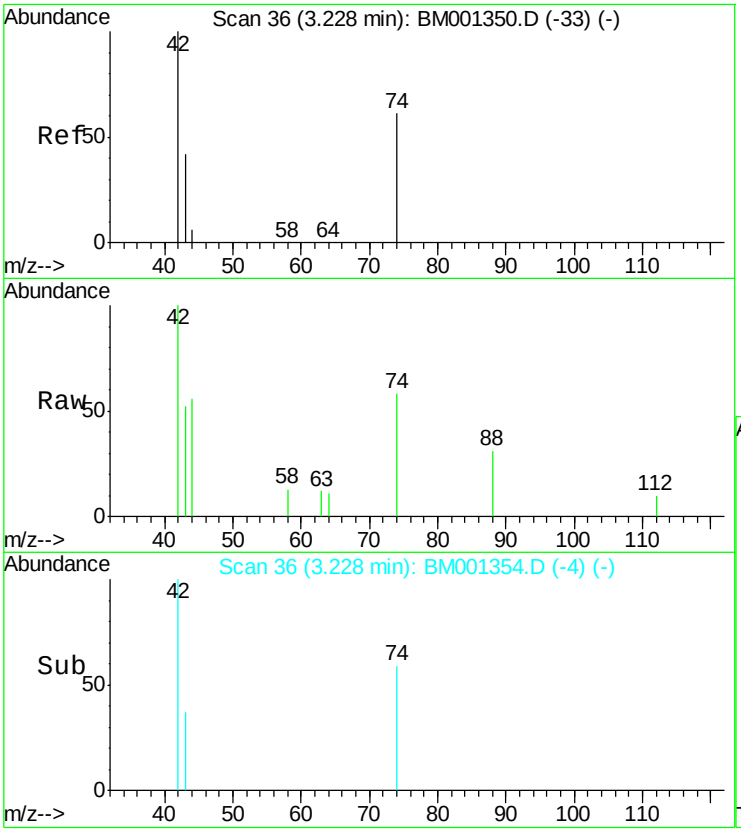


#2
1,4-Dioxane
Concen: 0.77 ng
RT: 2.90 min Scan# 15
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Tgt Ion: 88 Resp: 917

Ion	Ratio	Lower	Upper
88	100		
58	80.4	53.1	79.7#
43	39.0	27.8	41.8



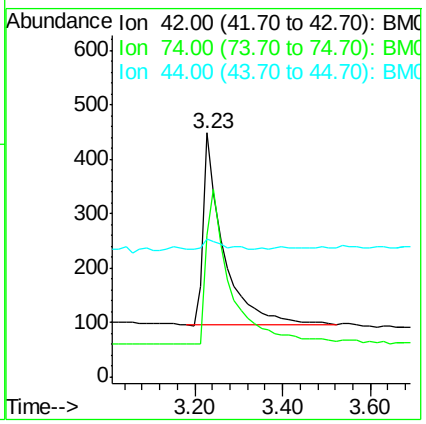


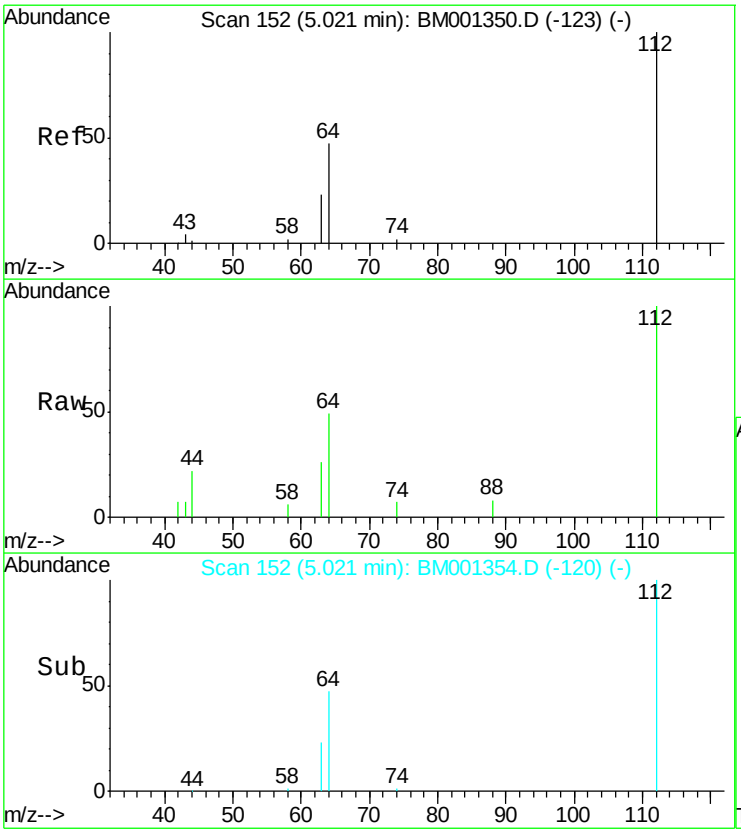
#3
n-Nitrosodimethylamine
Concen: 0.88 ng
RT: 3.23 min Scan# 36
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Instrument :
BNA_M
ClientSampleId :
ICVBM052015

Tgt Ion: 42 Resp: 1134

Ion	Ratio	Lower	Upper
42	100		
74	98.9	70.0	105.0
44	7.3	3.6	5.4#

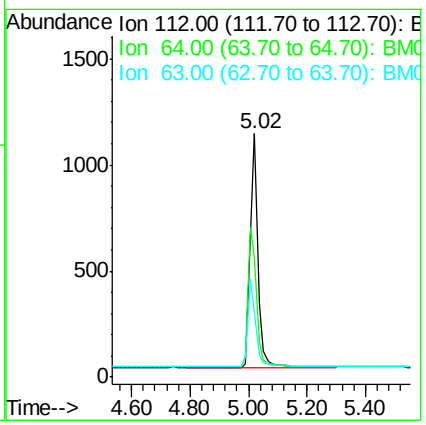


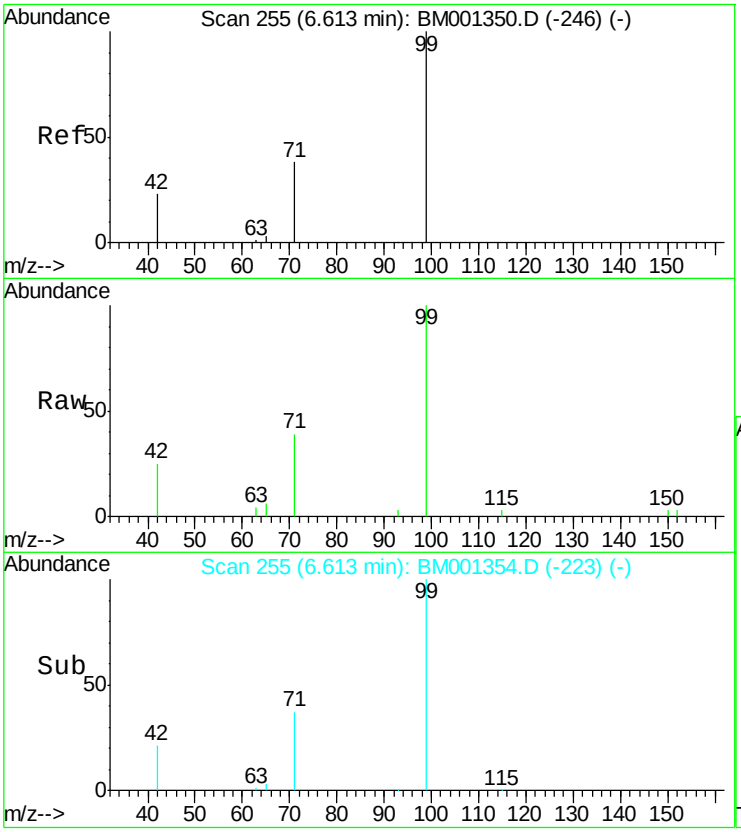


#4
2-Fluorophenol
Concen: 0.93 ng
RT: 5.02 min Scan# 152
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Tgt Ion:112 Resp: 2057

Ion	Ratio	Lower	Upper
112	100		
64	64.7	52.9	79.3
63	36.4	29.6	44.4



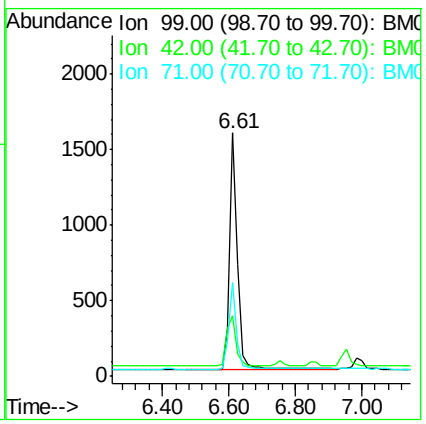


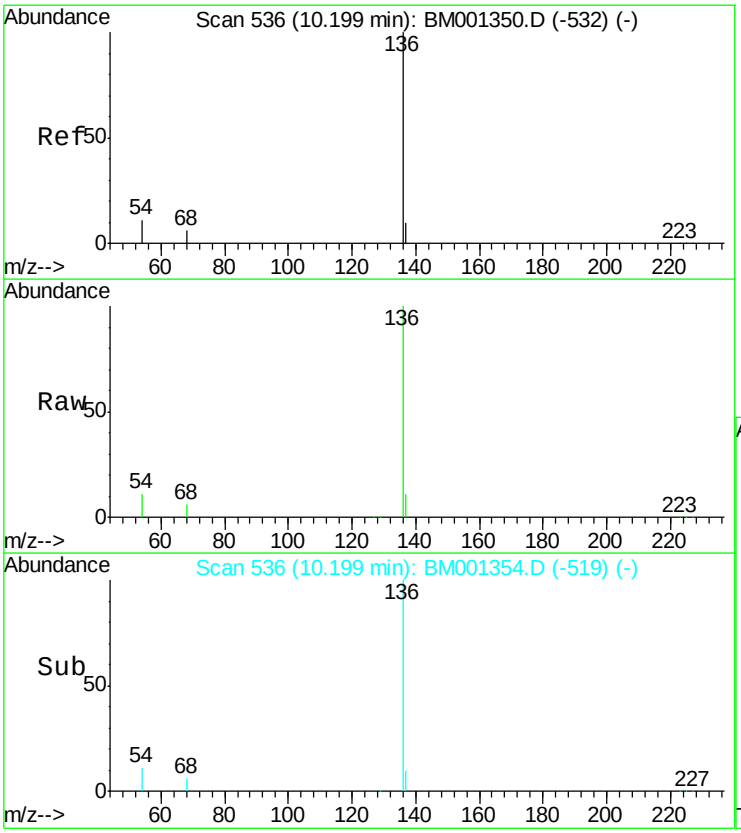
#5
Phenol-d6
Concen: 0.93 ng
RT: 6.61 min Scan# 255
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Instrument :
BNA_M
ClientSampleId :
ICVBM052015

Tgt Ion: 99 Resp: 2563

Ion	Ratio	Lower	Upper
99	100		
42	26.0	21.4	32.2
71	35.5	29.0	43.4

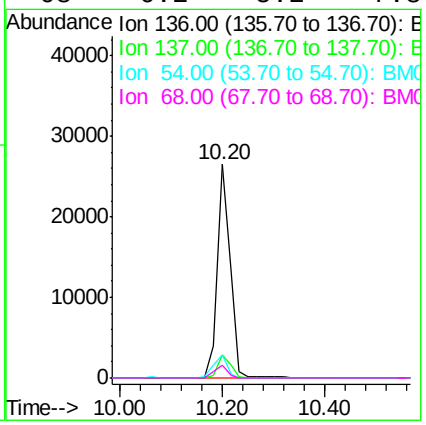


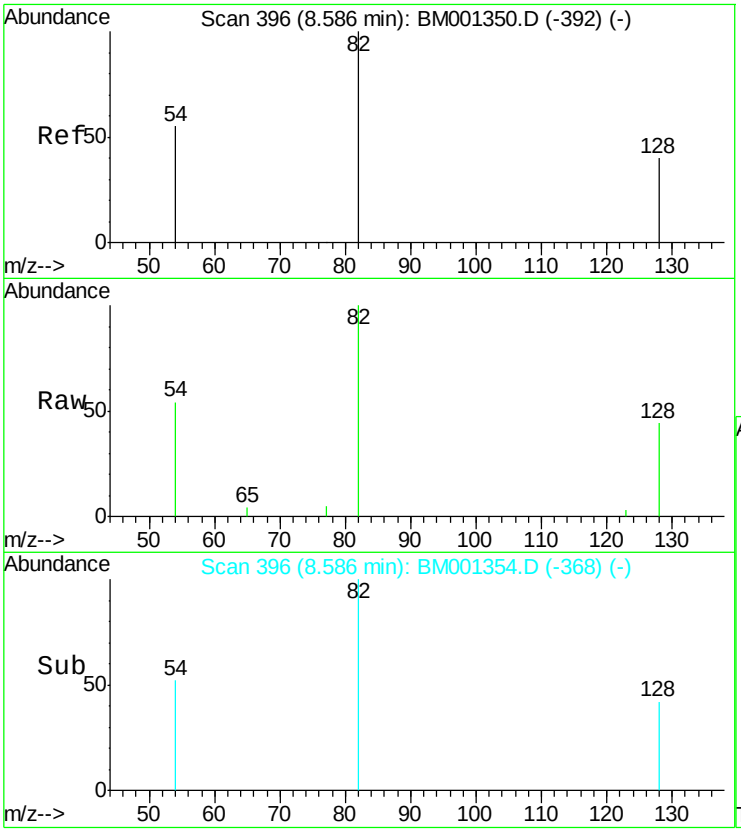


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.20 min Scan# 536
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Tgt Ion:136 Resp: 46107

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	10.9	9.4	14.0
68	6.2	5.2	7.8



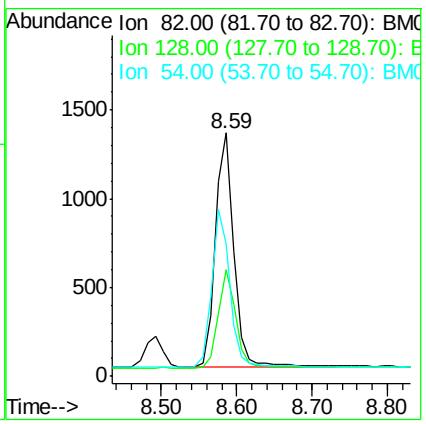


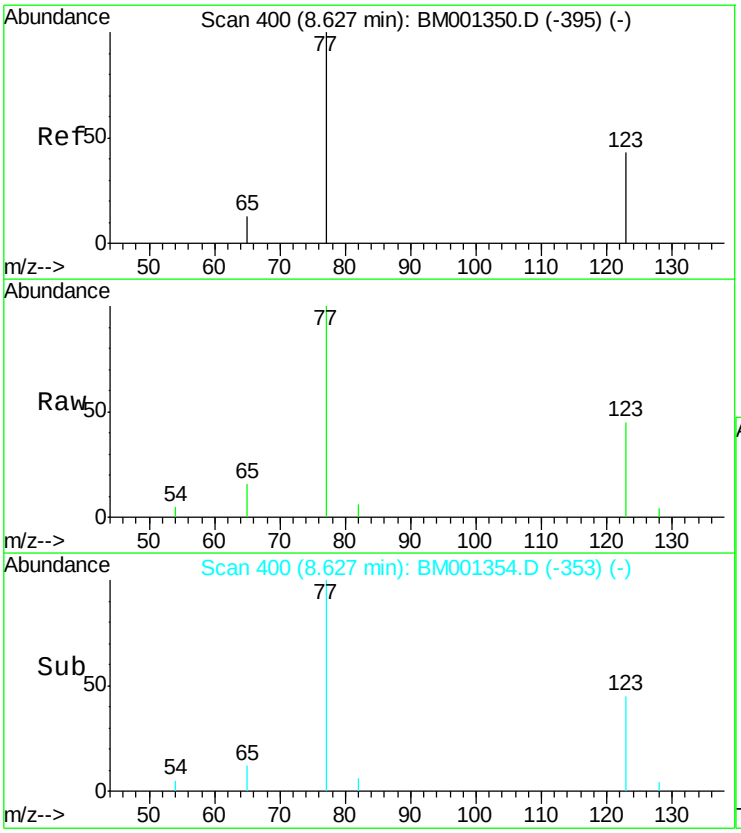
#7
Nitrobenzene-d5
Concen: 0.92 ng
RT: 8.59 min Scan# 396
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Instrument :
BNA_M
ClientSampleId :
ICVBM052015

Tgt Ion: 82 Resp: 2297

Ion	Ratio	Lower	Upper
82	100		
128	44.1	33.5	50.3
54	54.2	45.1	67.7

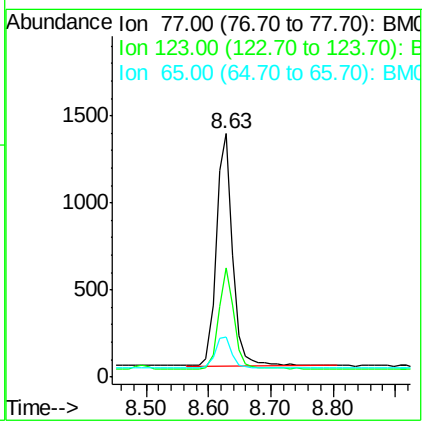


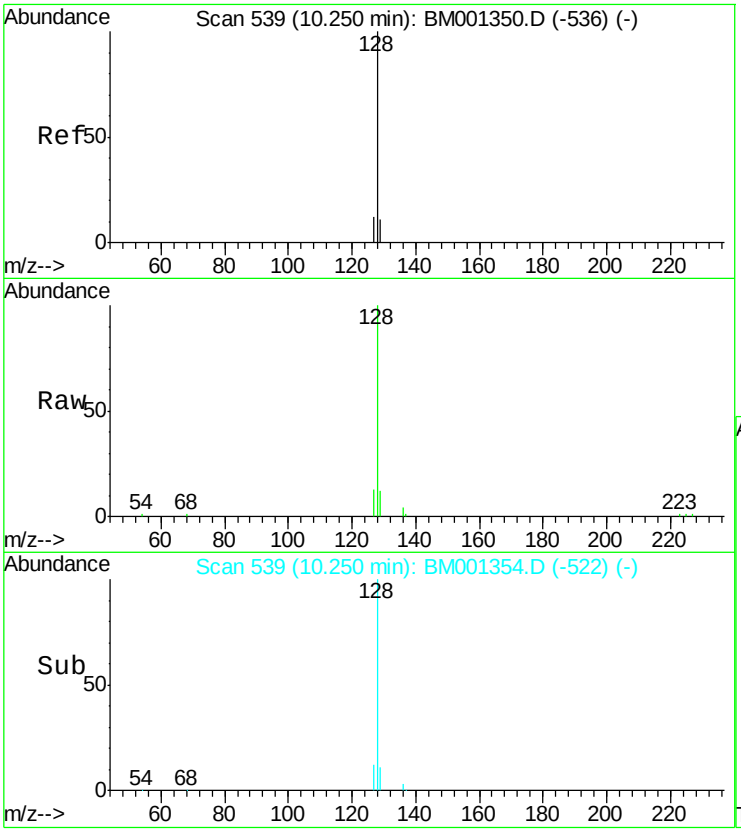


#8
Nitrobenzene
Concen: 0.88 ng
RT: 8.63 min Scan# 400
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Tgt Ion: 77 Resp: 2401

Ion	Ratio	Lower	Upper
77	100		
123	41.7	33.6	50.4
65	14.0	11.3	16.9



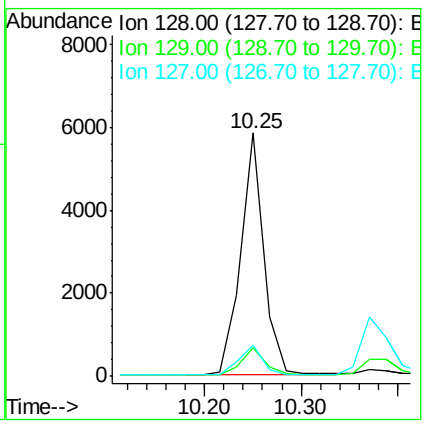


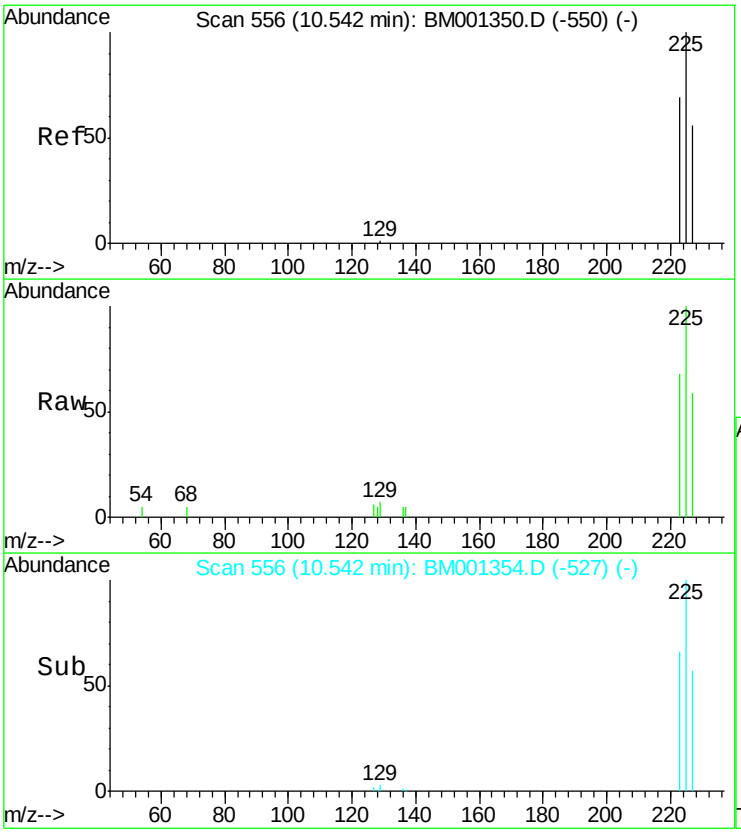
#9
Naphthalene
Concen: 0.97 ng
RT: 10.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Instrument :
BNA_M
ClientSampleId :
ICVBM052015

Tgt Ion:128 Resp: 9542

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.0	10.4	15.6

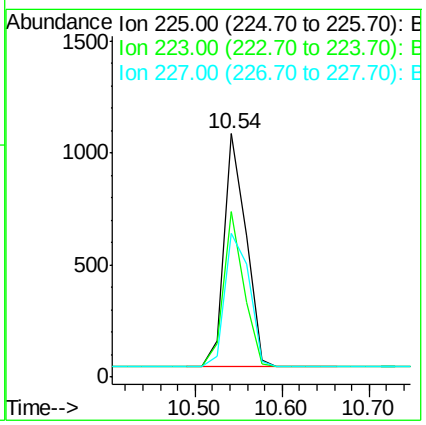


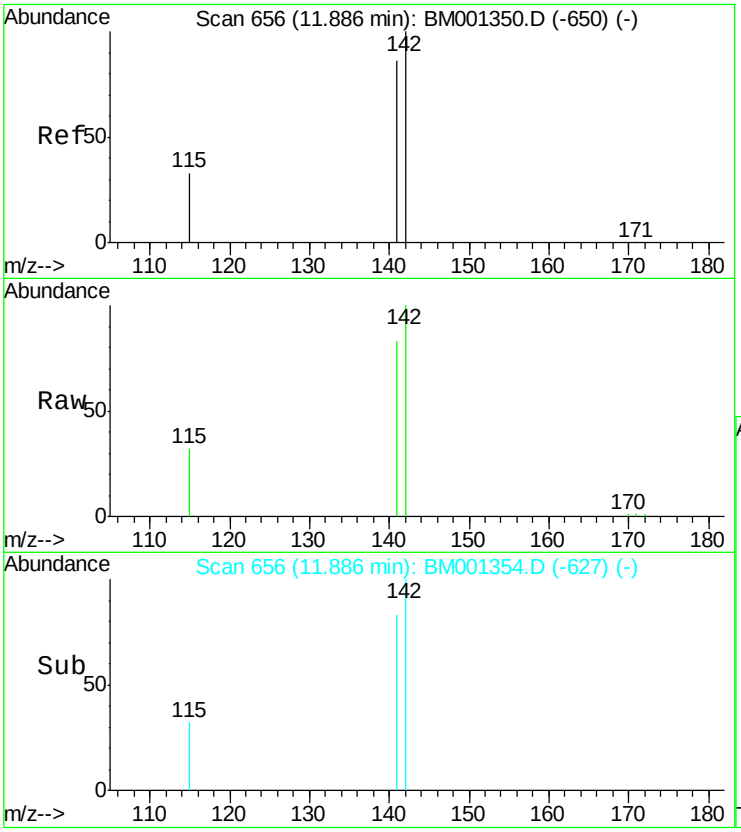


#10
Hexachlorobutadiene
Concen: 0.95 ng
RT: 10.54 min Scan# 556
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Tgt Ion:225 Resp: 1817

Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.3	75.5
227	64.1	50.6	75.8



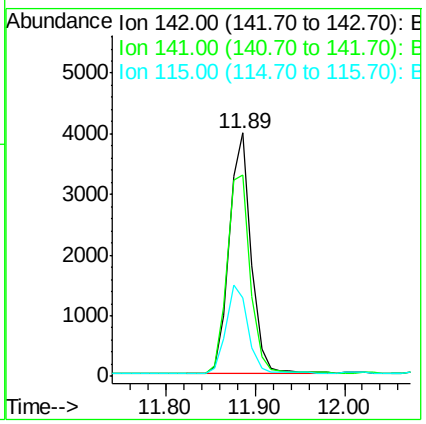


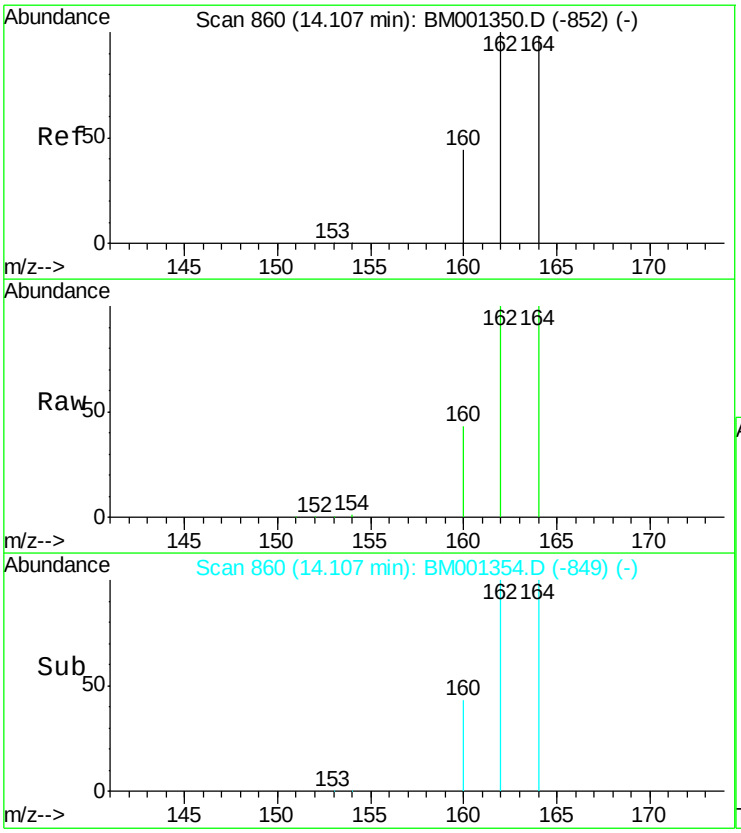
#11
2-Methylnaphthalene
Concen: 0.96 ng
RT: 11.89 min Scan# 656
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Instrument :
BNA_M
ClientSampleId :
ICVBM052015

Tgt Ion:142 Resp: 6689

Ion	Ratio	Lower	Upper
142	100		
141	83.0	69.0	103.4
115	32.4	27.1	40.7

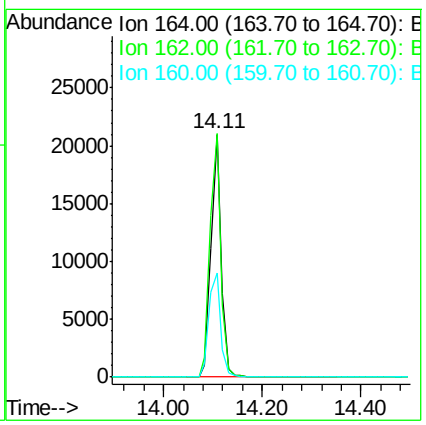


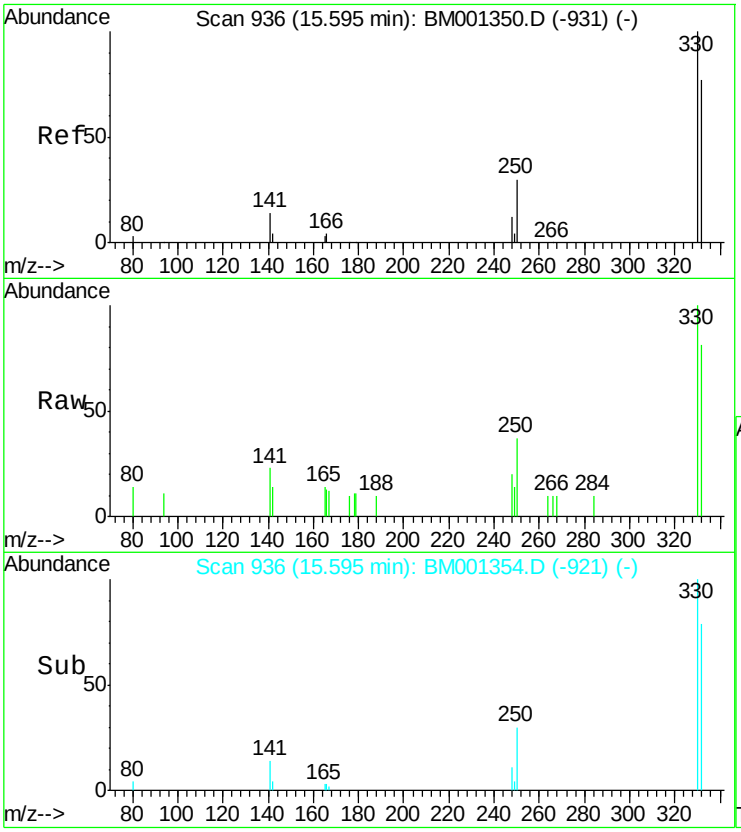


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.11 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Tgt Ion:164 Resp: 29813

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.8	122.8
160	42.8	35.8	53.8



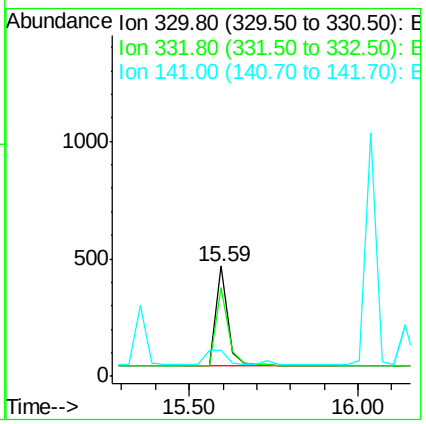


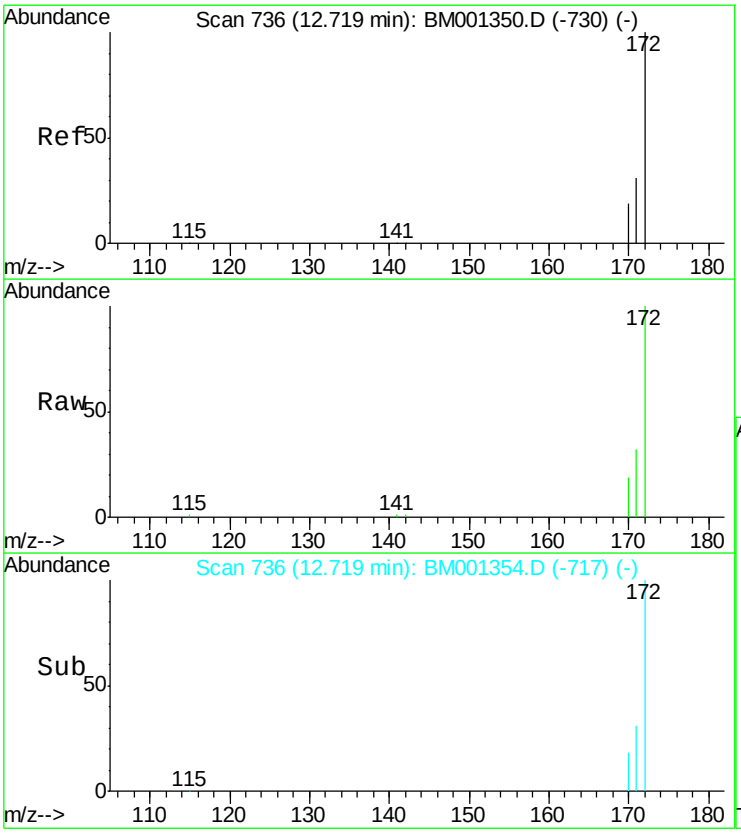
#13
2,4,6-Tribromophenol
Concen: 0.93 ng
RT: 15.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Instrument :
BNA_M
ClientSampleId :
ICVBM052015

Tgt Ion:330 Resp: 1033

Ion	Ratio	Lower	Upper
330	100		
332	83.1	65.4	98.2
141	0.0	20.2	30.4#

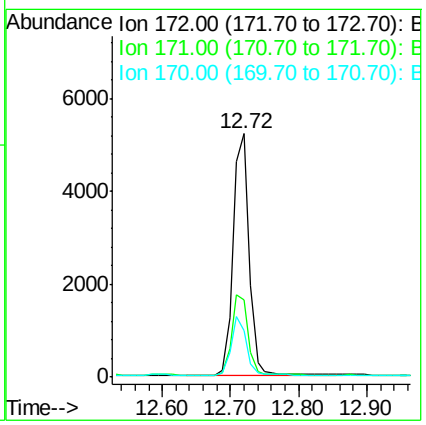


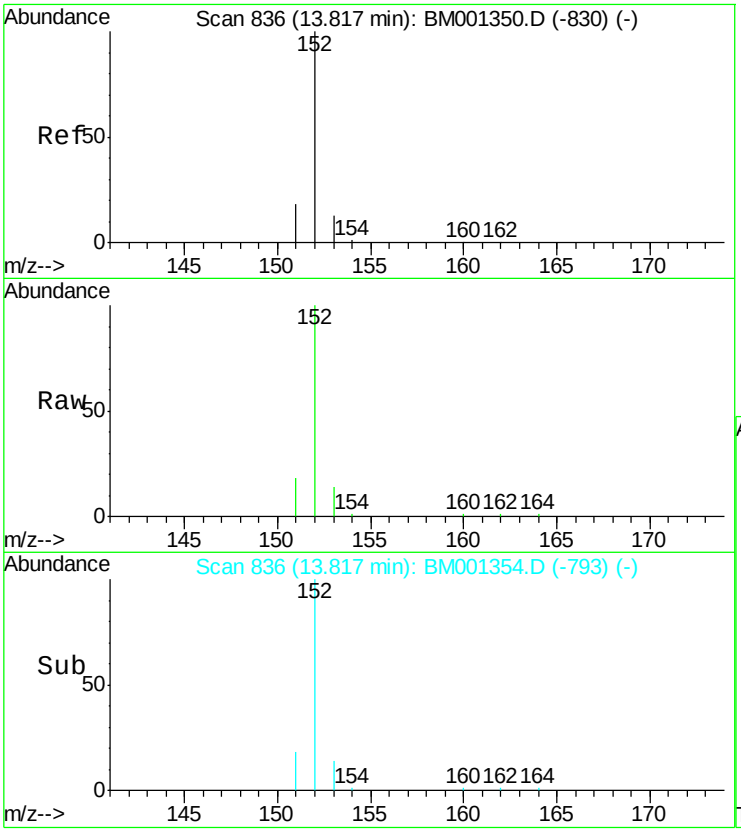


#14
2-Fluorobiphenyl
Concen: 0.95 ng
RT: 12.72 min Scan# 736
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Tgt Ion:172 Resp: 8422

Ion	Ratio	Lower	Upper
172	100		
171	31.8	25.4	38.2
170	19.3	15.7	23.5



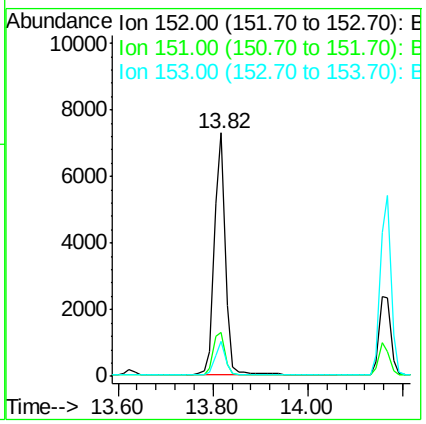


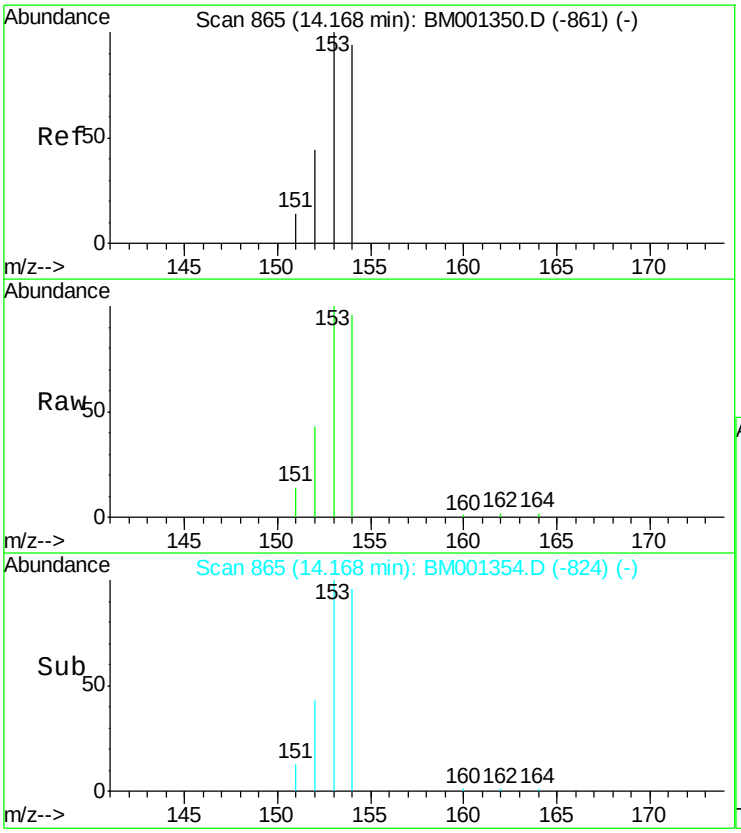
#15
Acenaphthylene
Concen: 0.93 ng
RT: 13.82 min Scan# 836
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Instrument :
BNA_M
ClientSampleId :
ICVBM052015

Tgt Ion:152 Resp: 11623

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.3	22.9
153	12.8	10.3	15.5

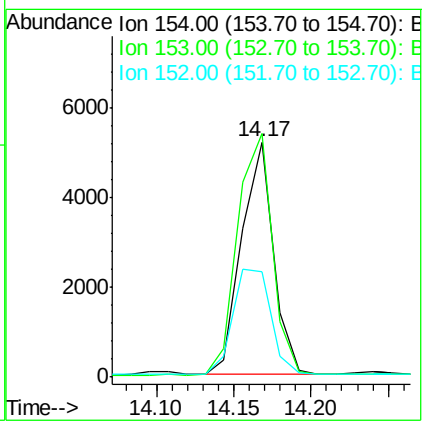


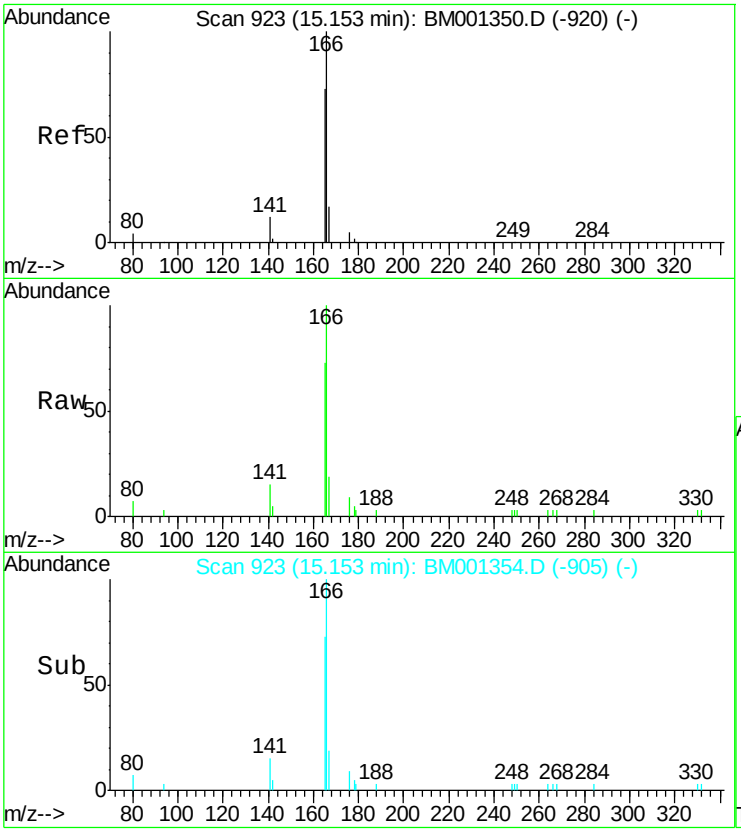


#16
Acenaphthene
Concen: 0.94 ng
RT: 14.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Tgt Ion:154 Resp: 7402

Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.6	135.8
152	54.5	43.6	65.4



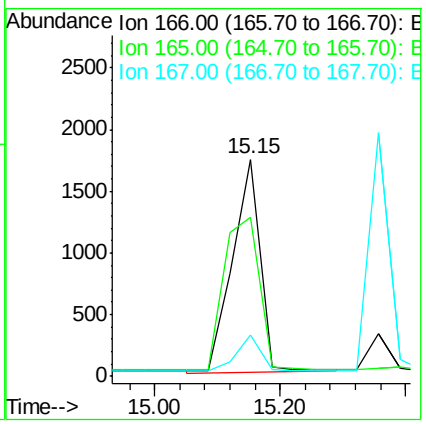


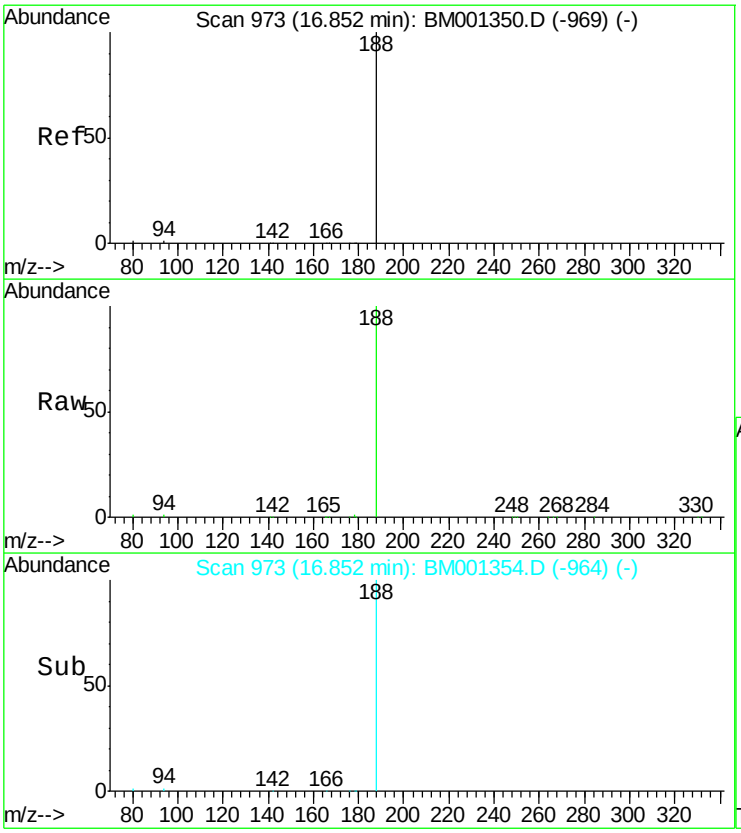
#17
Fluorene
Concen: 0.86 ng
RT: 15.15 min Scan# 923
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Instrument :
BNA_M
ClientSampleId :
ICVBM052015

Tgt Ion:166 Resp: 5413

Ion	Ratio	Lower	Upper
166	100		
165	90.3	72.5	108.7
167	14.0	16.0	24.0#

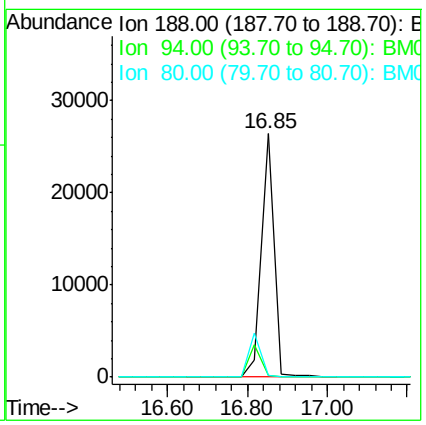


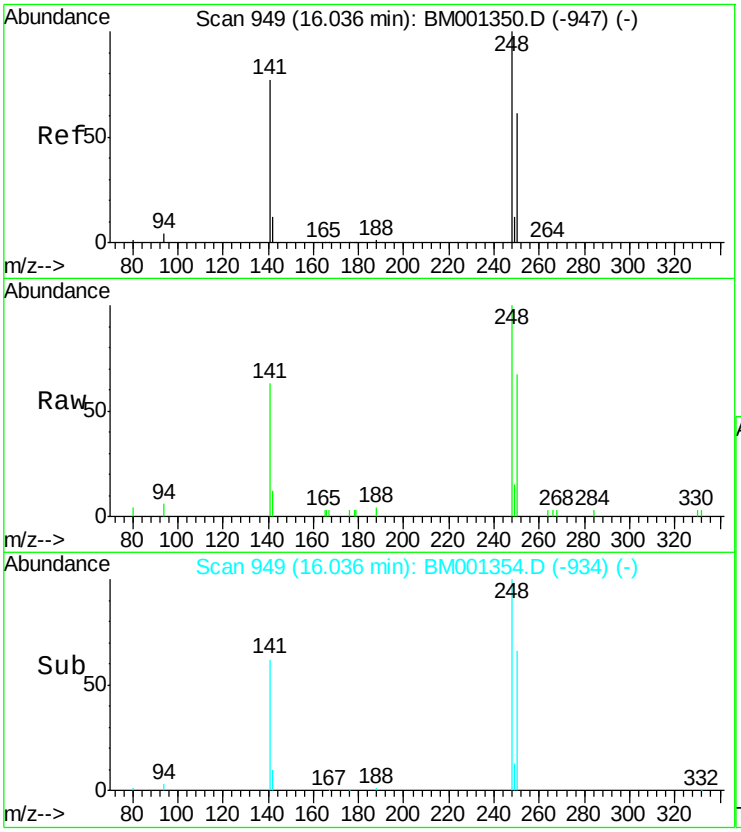


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.85 min Scan# 973
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Tgt Ion:188 Resp: 58713

Ion	Ratio	Lower	Upper
188	100		
94	0.8	0.6	1.0
80	0.7	0.6	0.8



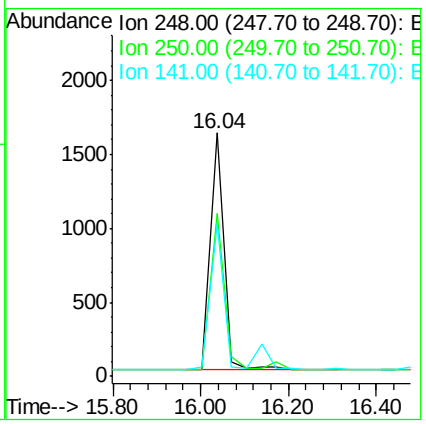


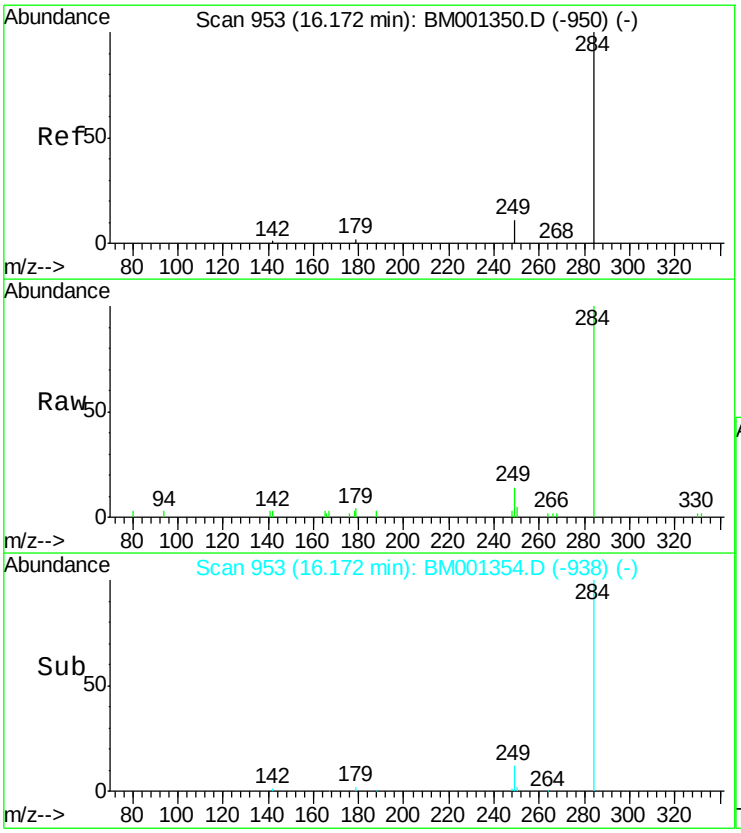
#19
4-Bromophenyl-phenylether
Concen: 1.08 ng
RT: 16.04 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Instrument :
BNA_M
ClientSampleId :
ICVBM052015

Tgt Ion:248 Resp: 3471

Ion	Ratio	Lower	Upper
248	100		
250	68.2	51.5	77.3
141	60.0	59.0	88.6

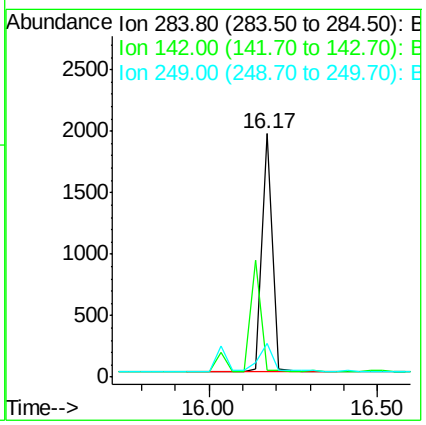


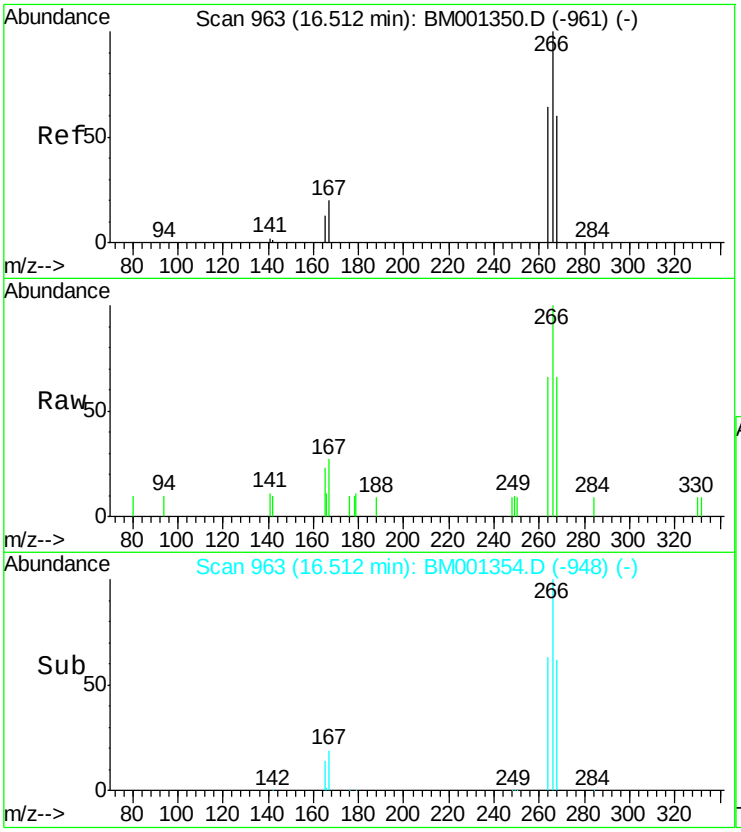


#20
Hexachlorobenzene
Concen: 0.93 ng
RT: 16.17 min Scan# 953
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Tgt Ion:284 Resp: 4042

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	15.8	11.1	16.7



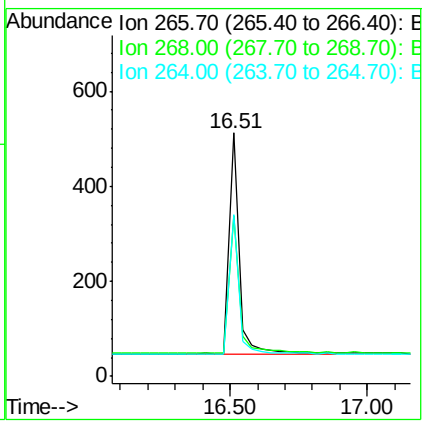


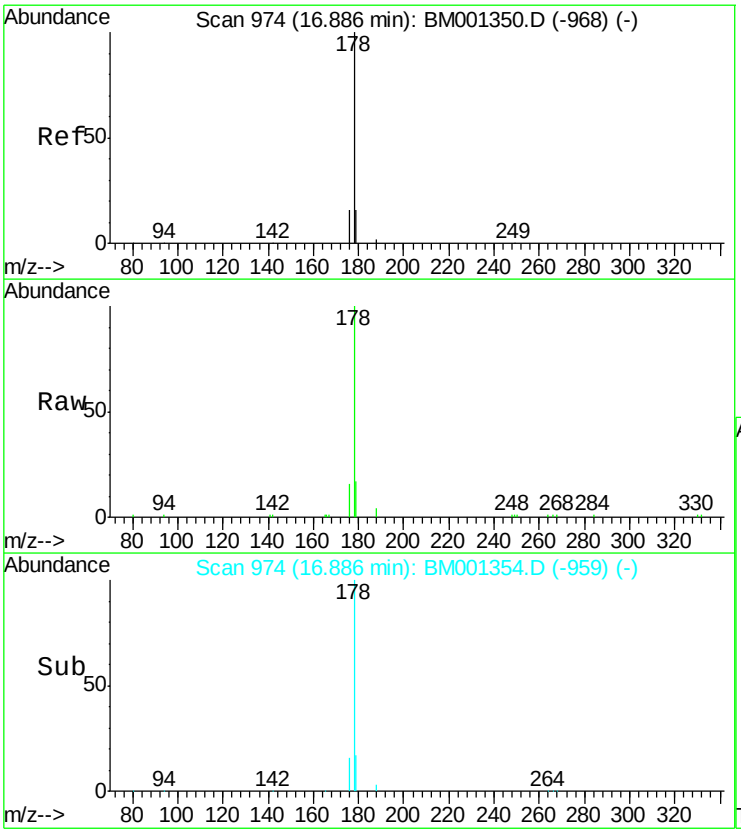
#21
Pentachlorophenol
Concen: 0.85 ng
RT: 16.51 min Scan# 963
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Instrument :
BNA_M
ClientSampleId :
ICVBM052015

Tgt Ion:266 Resp: 1162

Ion	Ratio	Lower	Upper
266	100		
268	66.0	51.2	76.8
264	66.2	53.7	80.5

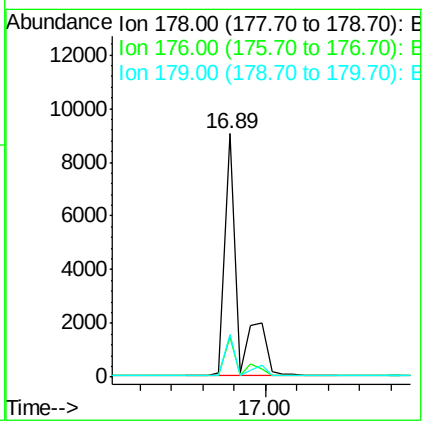


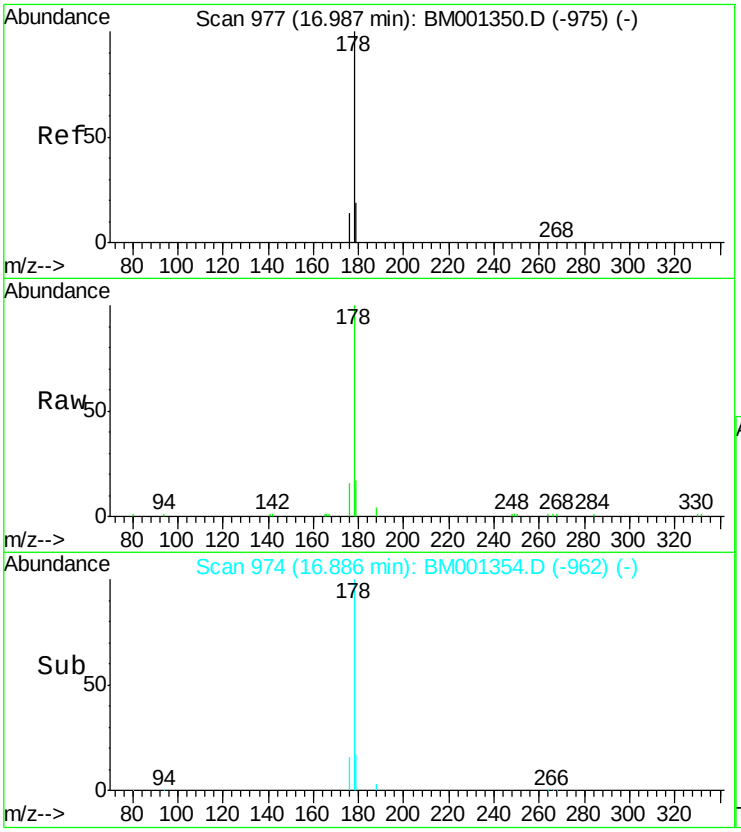


#22
Phenanthrene
Concen: 1.32 ng
RT: 16.89 min Scan# 974
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Tgt Ion:178 Resp: 27310

Ion	Ratio	Lower	Upper
178	100		
176	17.1	16.6	25.0
179	13.4	12.8	19.2



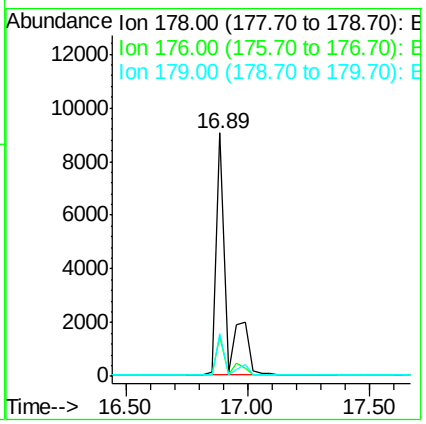


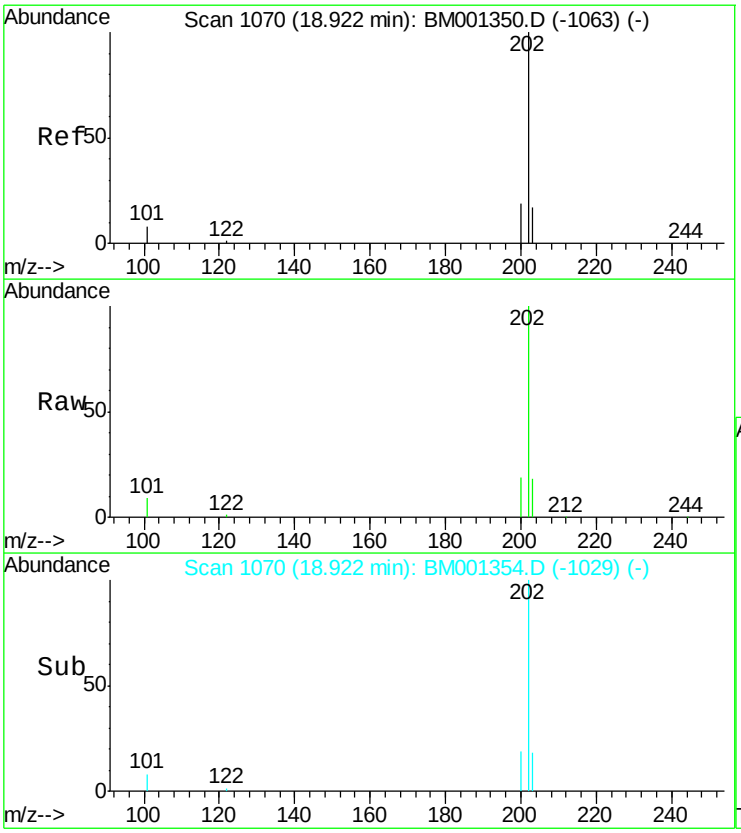
#23
Anthracene
Concen: 3.43 ng
RT: 16.89 min Scan# 974
Delta R.T. -0.10 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Instrument :
BNA_M
ClientSampleId :
ICVBM052015

Tgt Ion:178 Resp: 27408

Ion	Ratio	Lower	Upper
178	100		
176	17.1	46.1	69.1#
179	13.3	35.4	53.0#

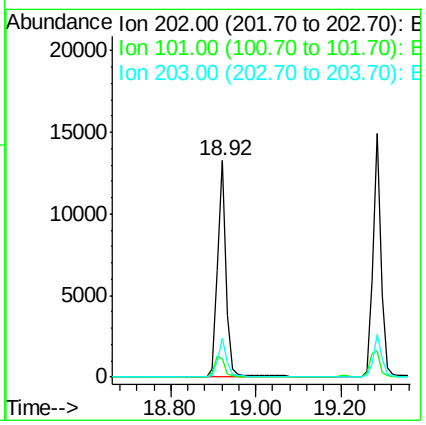


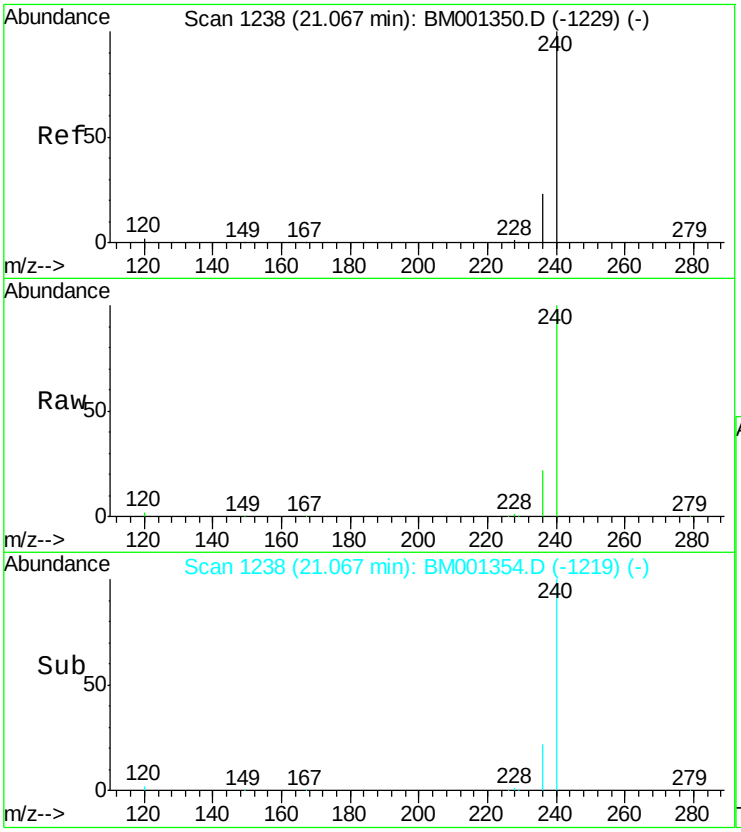


#24
Fluoranthene
Concen: 1.03 ng
RT: 18.92 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Tgt Ion:202 Resp: 18170

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.7	13.1
203	17.2	13.8	20.6



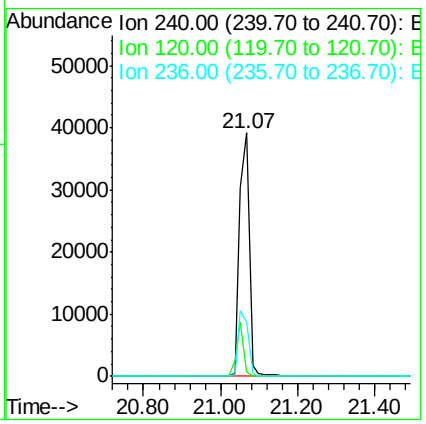


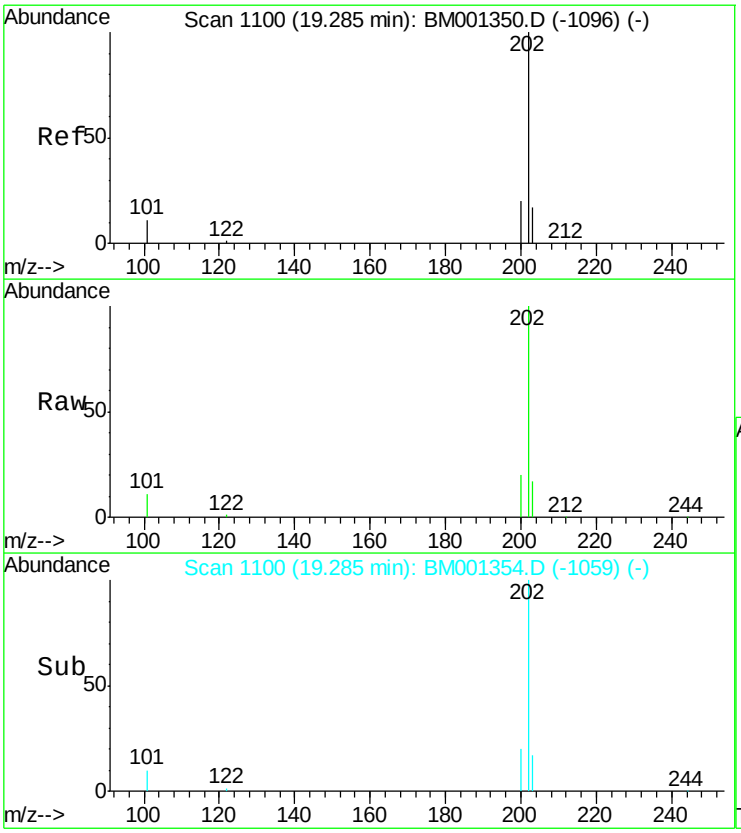
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Instrument :
BNA_M
ClientSampleId :
ICVBM052015

Tgt Ion:240 Resp: 67708

Ion	Ratio	Lower	Upper
240	100		
120	1.8	1.6	2.4
236	22.4	18.5	27.7

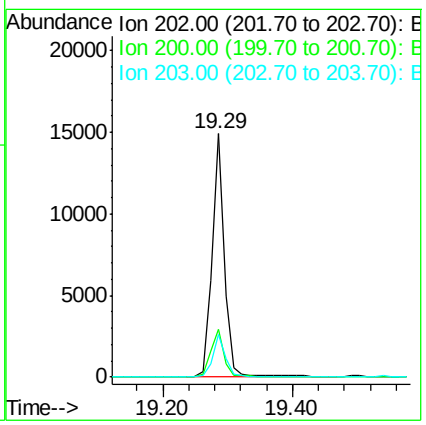


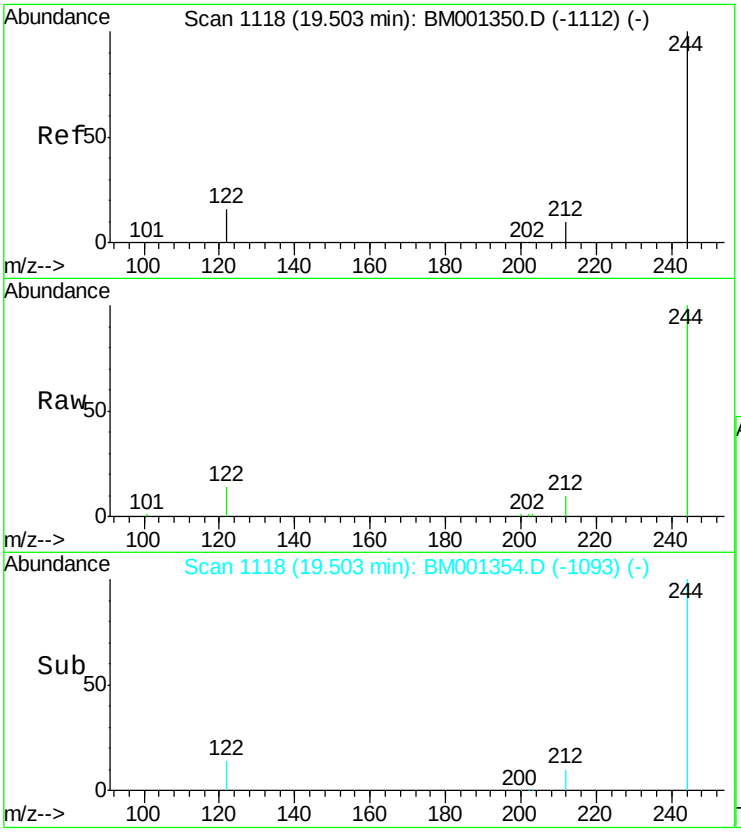


#26
Pyrene
Concen: 0.94 ng
RT: 19.29 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Tgt Ion:202 Resp: 19498

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.4
203	17.3	13.9	20.9



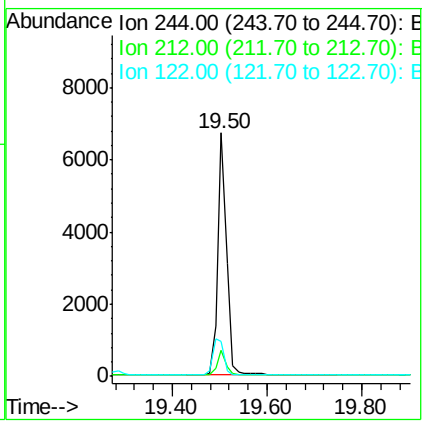


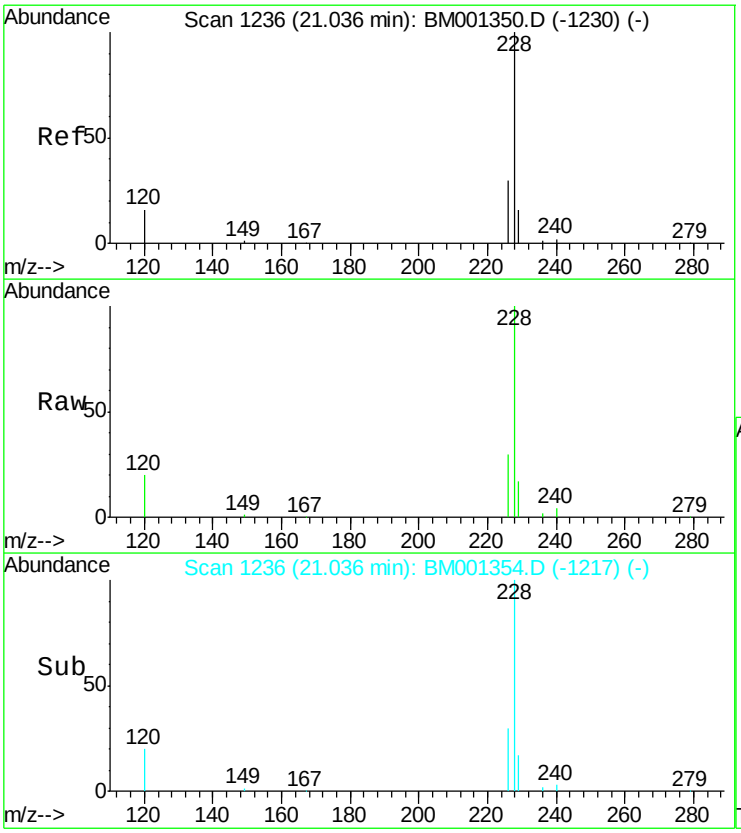
#27
Terphenyl-d14
Concen: 0.96 ng
RT: 19.50 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Instrument :
BNA_M
ClientSampleId :
ICVBM052015

Tgt Ion:244 Resp: 8515

Ion	Ratio	Lower	Upper
244	100		
212	10.5	8.5	12.7
122	14.3	13.4	20.2

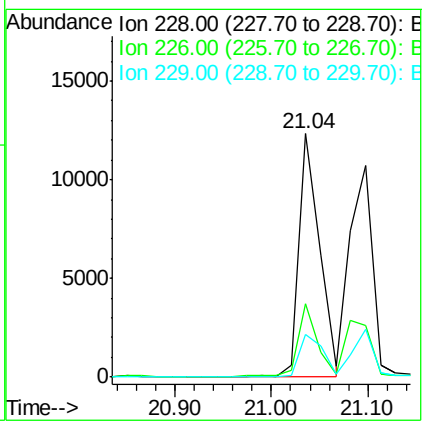


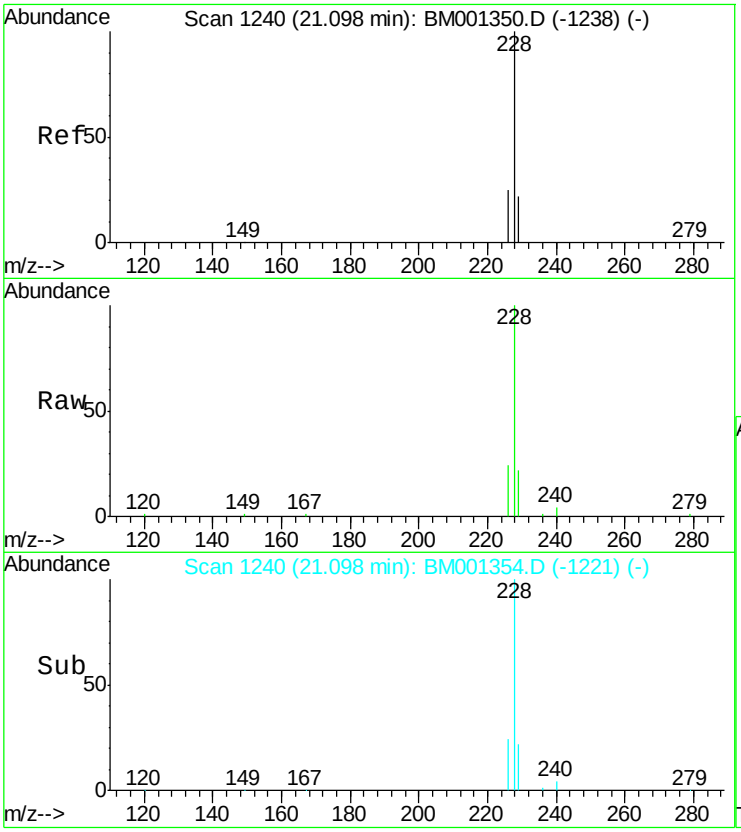


#28
Benzo(a)anthracene
Concen: 0.94 ng
RT: 21.04 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Tgt Ion:228 Resp: 18127

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.5	36.7
229	17.3	13.3	19.9



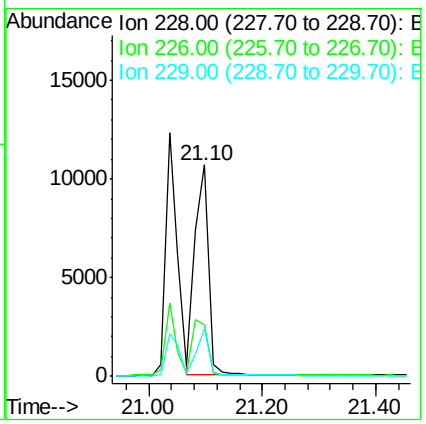


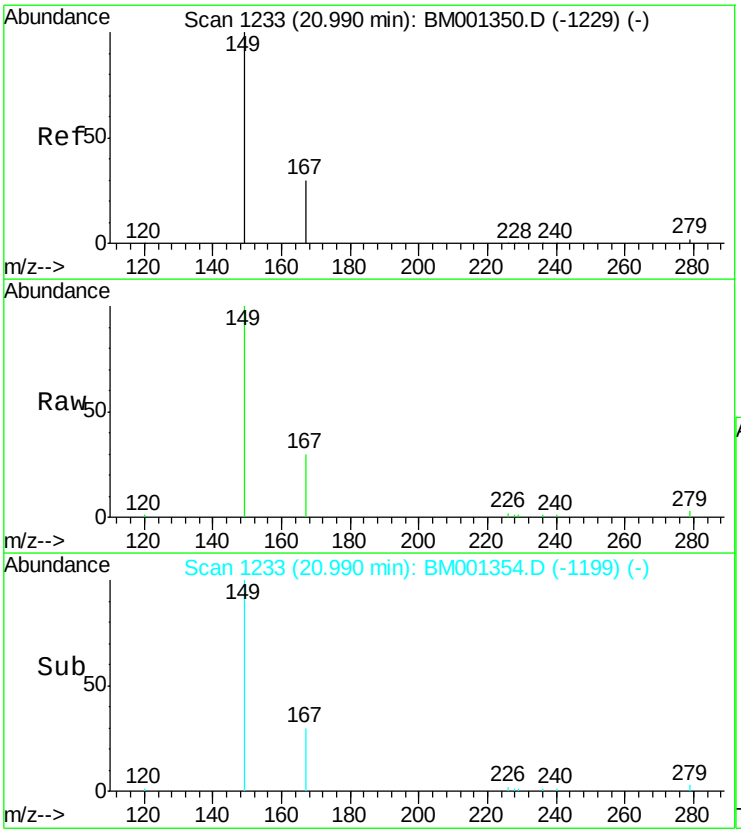
#29
Chrysene
Concen: 0.96 ng
RT: 21.10 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Instrument :
BNA_M
ClientSampleId :
ICVBM052015

Tgt Ion:228 Resp: 17736

Ion	Ratio	Lower	Upper
228	100		
226	24.3	20.0	30.0
229	22.5	17.6	26.4

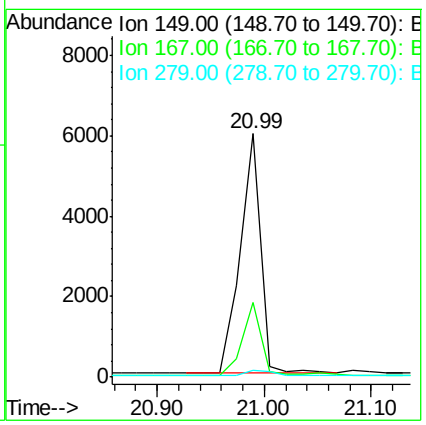


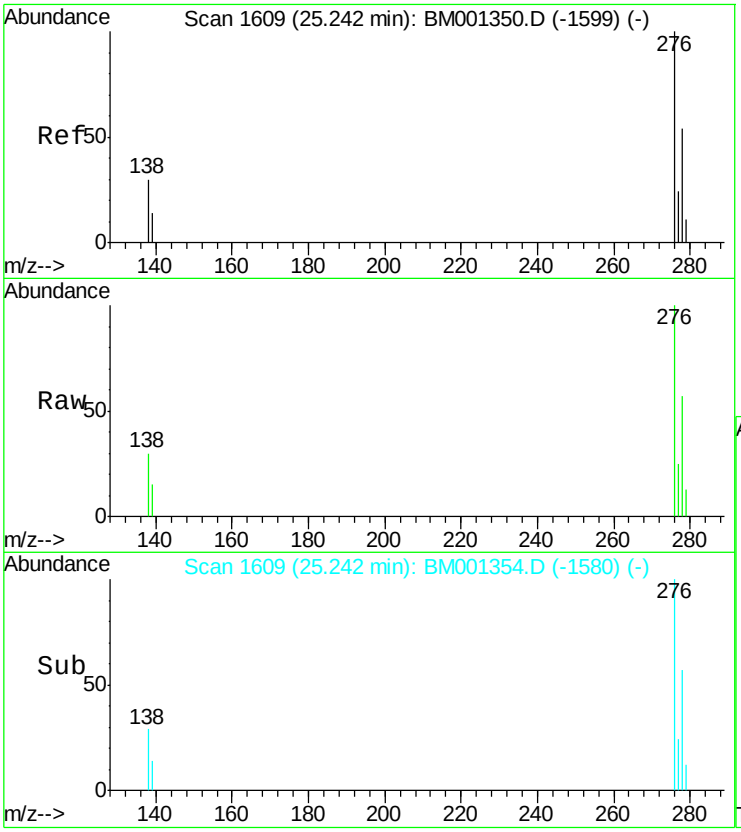


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.82 ng
RT: 20.99 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Tgt Ion:149 Resp: 7843

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.6	32.4
279	2.5	1.9	2.9



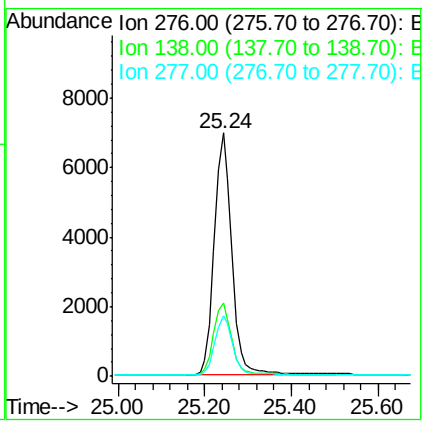


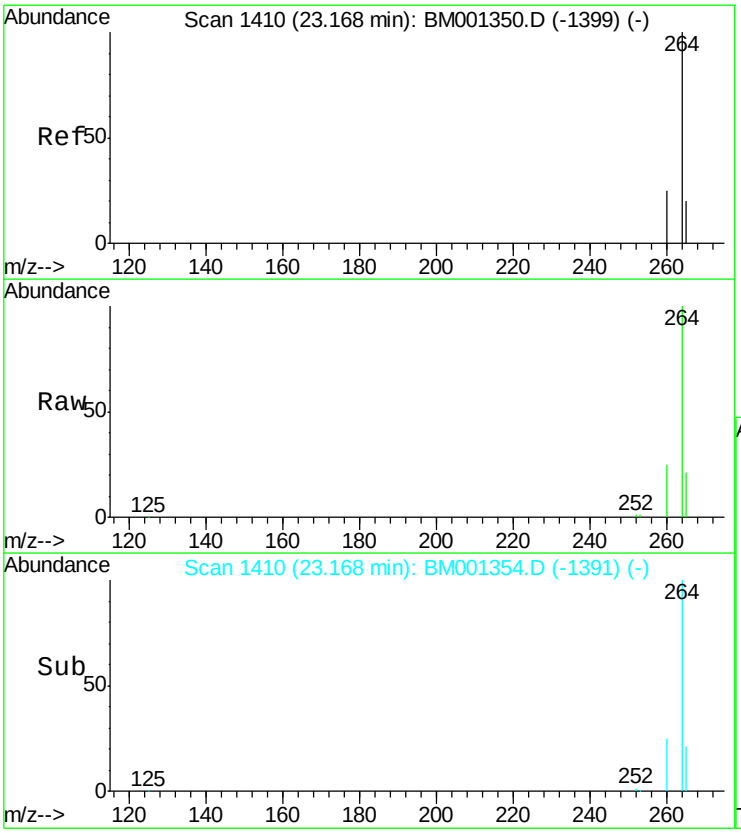
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.96 ng
RT: 25.24 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Instrument :
BNA_M
ClientSampleId :
ICVBM052015

Tgt Ion:276 Resp: 19234

Ion	Ratio	Lower	Upper
276	100		
138	30.1	24.2	36.4
277	24.4	19.7	29.5

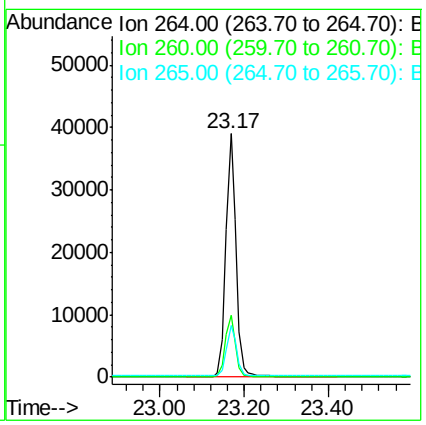


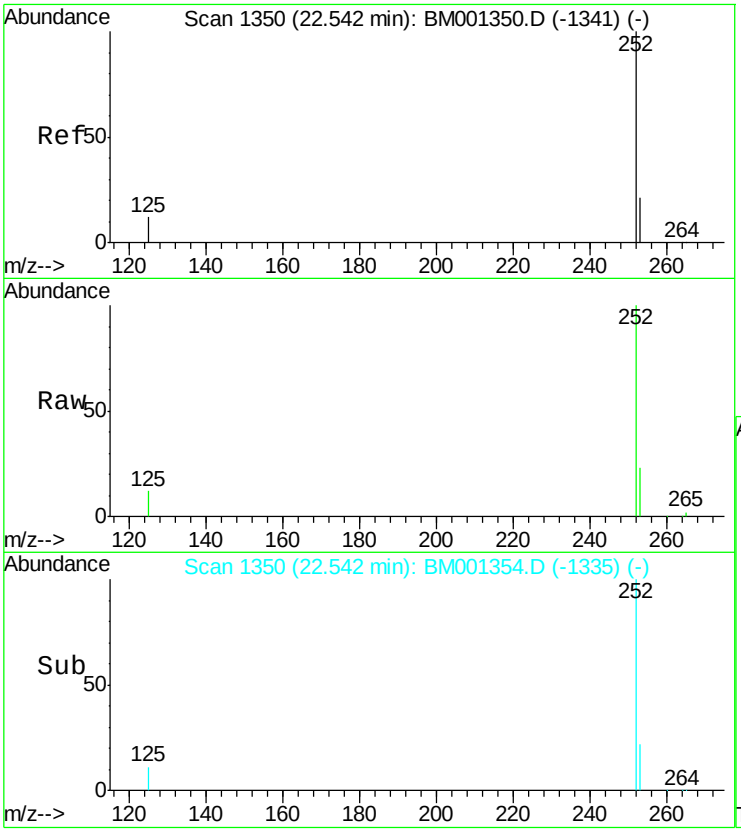


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.17 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Tgt Ion:264 Resp: 65986

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.4	30.6
265	21.0	16.6	24.8



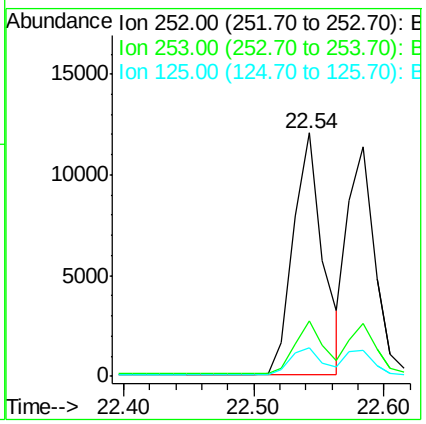


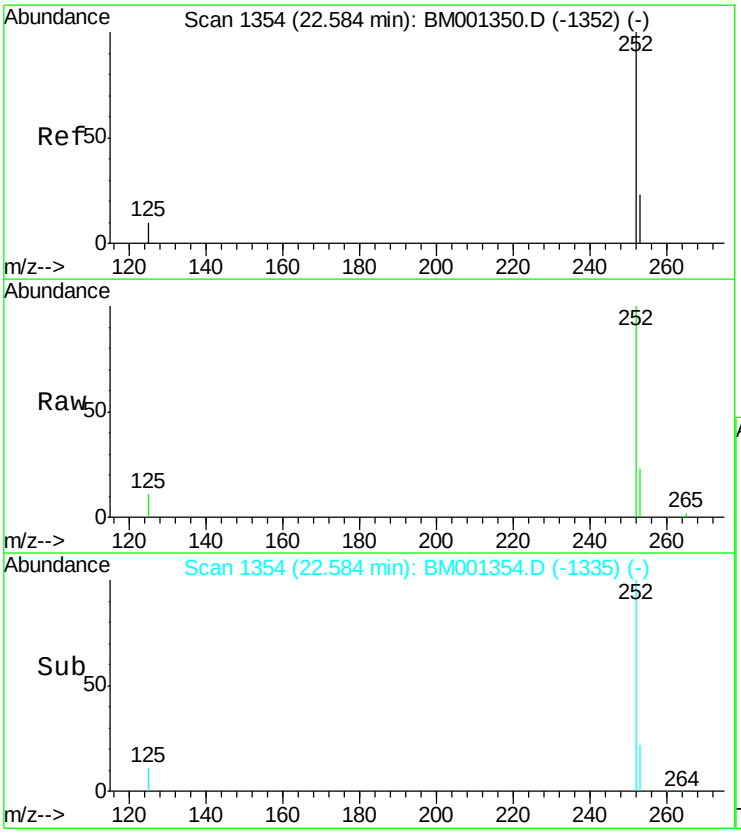
#33
Benzo(b)fluoranthene
Concen: 0.94 ng
RT: 22.54 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Instrument :
BNA_M
ClientSampleId :
ICVBM052015

Tgt Ion:252 Resp: 19073

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	11.7	9.8	14.8

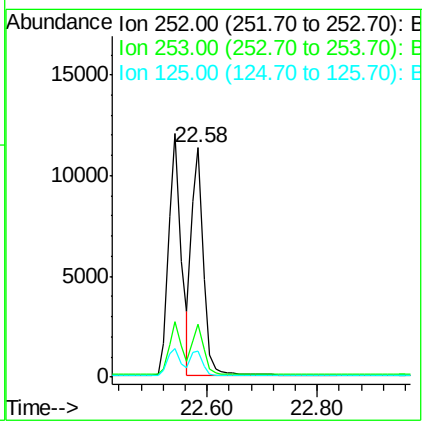


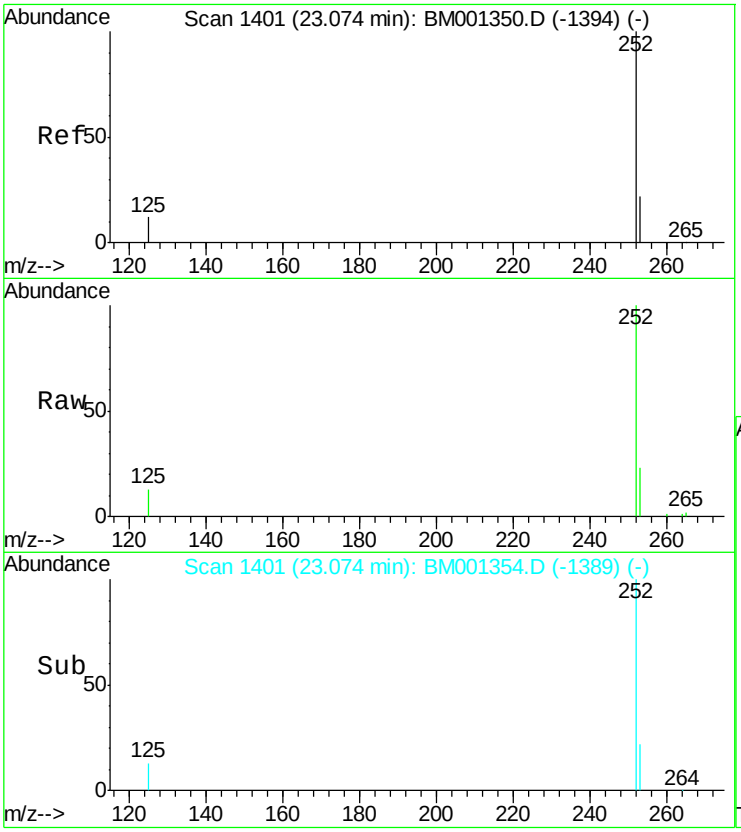


#34
Benzo(k)fluoranthene
Concen: 0.94 ng
RT: 22.58 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Tgt Ion:252 Resp: 16877

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	28.0
125	11.2	9.3	13.9



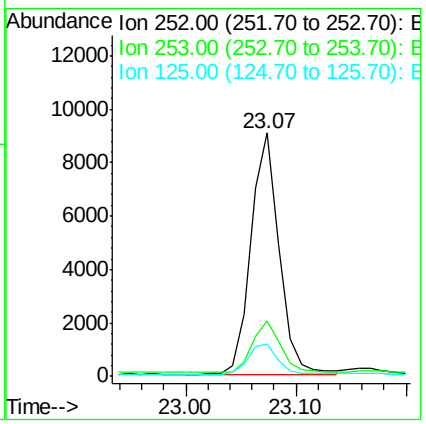


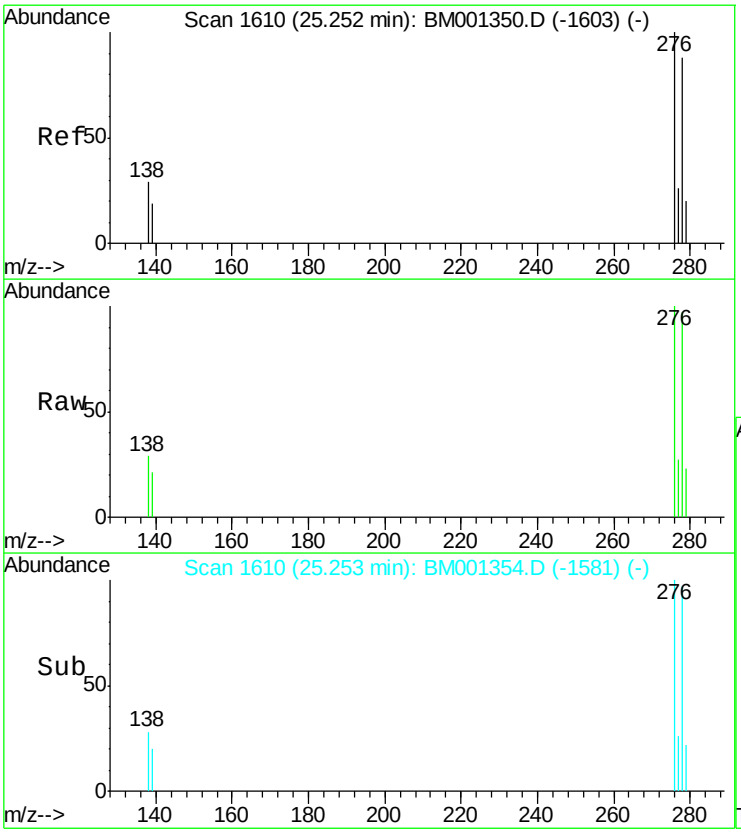
#35
Benzo(a)pyrene
Concen: 0.92 ng
RT: 23.07 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Instrument :
BNA_M
ClientSampleId :
ICVBM052015

Tgt Ion:252 Resp: 15940

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.9	28.3
125	13.2	10.6	15.8

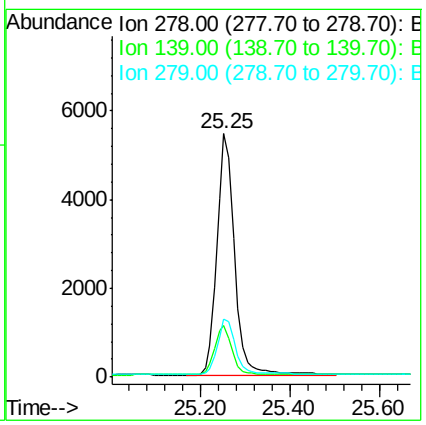


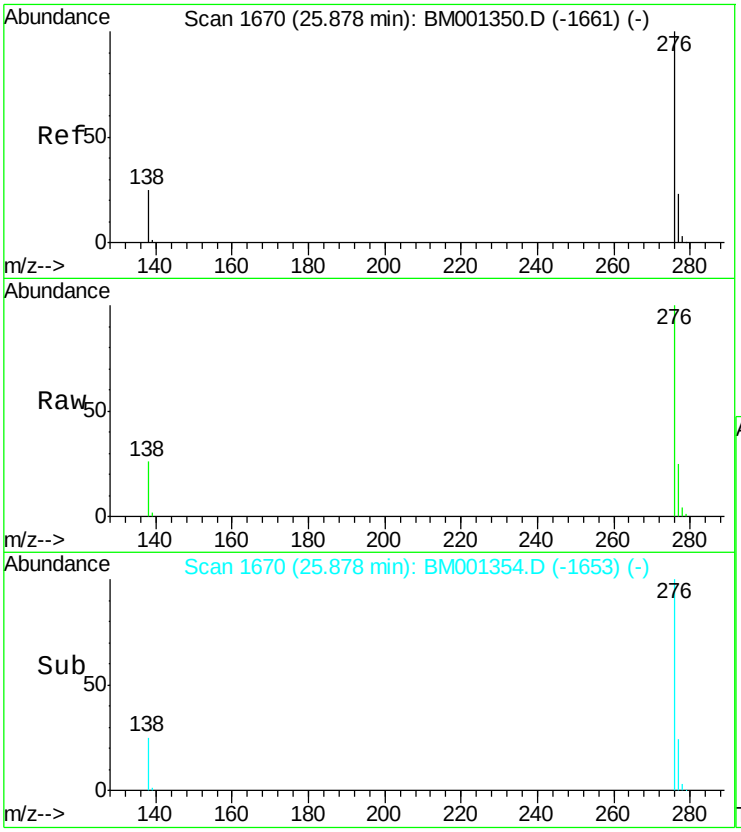


#36
Dibenzo(a,h)anthracene
Concen: 0.93 ng
RT: 25.25 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Tgt Ion:278 Resp: 14849

Ion	Ratio	Lower	Upper
278	100		
139	21.3	17.5	26.3
279	23.8	18.7	28.1





#37
Benzo(g,h,i)perylene
Concen: 0.93 ng
RT: 25.88 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BM001354.D
Acq: 21 May 2015 10:59

Instrument :
BNA_M
ClientSampleId :
ICVBM052015

Tgt Ion:276 Resp: 15875

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.2	28.8
138	25.6	20.2	30.4