Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061215\
Data File : BM001663.D
Acq On : 12 Jun 2015 06:03
Operator : TP/IZ
Sample : G2449-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FM2AMS

Quant Time: Jun 12 07:34:35 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 03:22:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	24025	5.00	ng		0.00
6) Naphthalene-d8	10.47	136	90452	5.00	ng		0.00
12) Acenaphthene-d10	14.34	164	43603	5.00	ng		0.00
18) Phenanthrene-d10	17.06	188	50218	5.00	ng		0.00
25) Chrysene-d12	21.27	240	59504	5.00	ng		0.00
32) Perylene-d12	23.51	264	53521	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	14302	2.51	ng		0.00
5) Phenol-d6	6.84	99	20080	2.81	ng		0.00
7) Nitrobenzene-d5	8.85	82	12557	1.81	ng		0.00
13) 2,4,6-Tribromophenol	15.83	330	4645	2.93	ng		0.00
14) 2-Fluorobiphenyl	12.96	172	27734	1.82	ng		0.00
27) Terphenyl-d14	19.72	244	17076	1.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	3968	1.55	ng		99
3) n-Nitrosodimethylamine	3.51	42	7018	1.67	ng	#	97
8) Nitrobenzene	8.89	77	13411	1.79	ng		99
9) Naphthalene	10.52	128	51380	2.34	ng		99
10) Hexachlorobutadiene	10.80	225	6386	1.75	ng		99
11) 2-Methylnaphthalene	12.14	142	29958	2.12	ng	#	86
15) Acenaphthylene	14.05	152	45816	2.25	ng		99
16) Acenaphthene	14.40	154	44442	3.43	ng		96
17) Fluorene	15.36	166	54429	3.46	ng	#	98
19) 4-Bromophenyl-phenylether	16.27	248	7776	1.51	ng	#	83
20) Hexachlorobenzene	16.38	284	9469	2.07	ng	#	73
21) Pentachlorophenol	16.72	266	40134	21.82	ng		95
22) Phenanthrene	17.12	178	245440	Below Cal		#	99
23) Anthracene	17.12	178	386993	19.88	ng	#	80
24) Fluoranthene	19.14	202	514287	Below Cal			100
26) Pyrene	19.50	202	478811	23.44	ng	#	95
28) Benzo(a)anthracene	21.25	228	242404	12.97	ng		97
29) Chrysene	21.30	228	177818	9.94	ng		97
30) Bis(2-ethylhexyl)phthalate	21.18	149	25978	2.08	ng		100
31) Indeno(1,2,3-cd)pyrene	25.75	276	108062	7.69	ng		96
33) Benzo(b)fluoranthene	22.83	252	306581	17.56	ng		99
34) Benzo(k)fluoranthene	22.83	252	306581	18.08	ng		97
35) Benzo(a)pyrene	23.41	252	162090	11.14	ng		97
36) Dibenzo(a,h)anthracene	25.77	278	42413	3.47	ng		99
37) Benzo(g,h,i)perylene	26.45	276	101703	8.17	ng		99

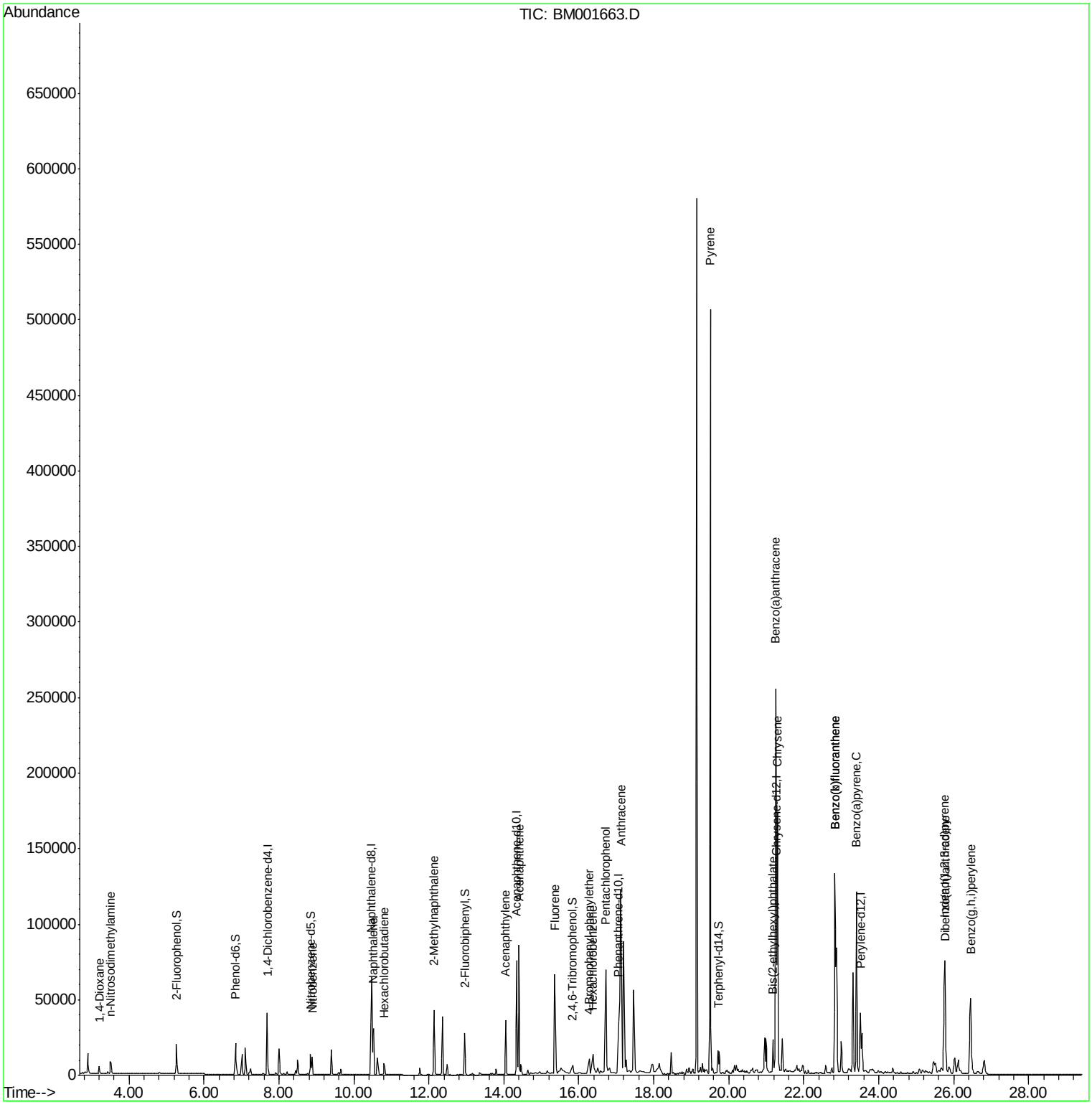
(#) = qualifier out of range (m) = manual integration (+) = signals summed

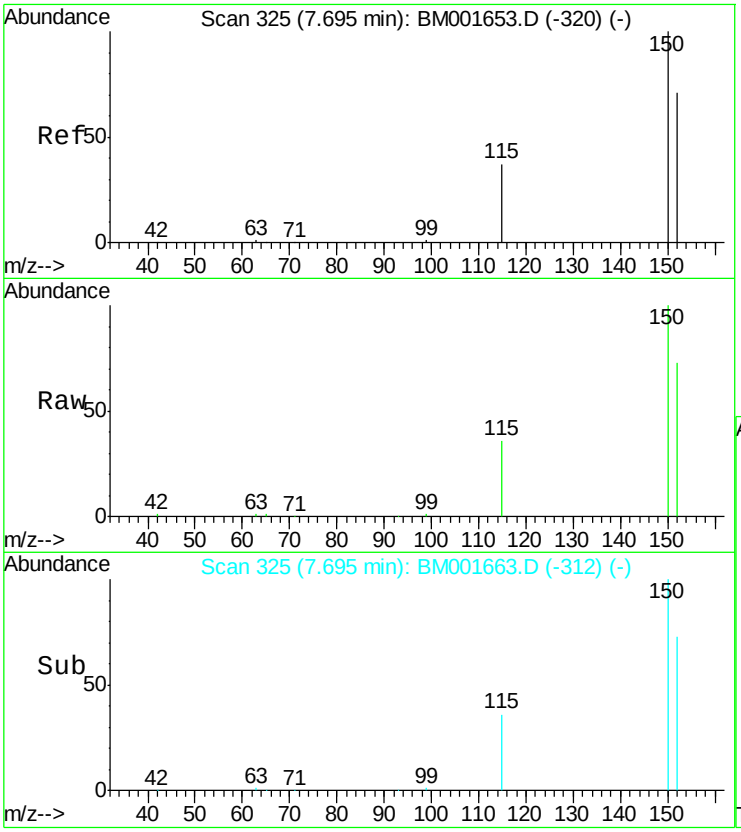
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061215\
Data File : BM001663.D
Acq On : 12 Jun 2015 06:03
Operator : TP/IZ
Sample : G2449-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FM2AMS

Quant Time: Jun 12 07:34:35 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 03:22:19 2015
Response via : Initial Calibration



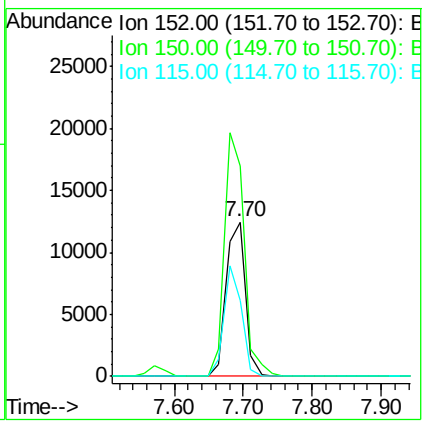


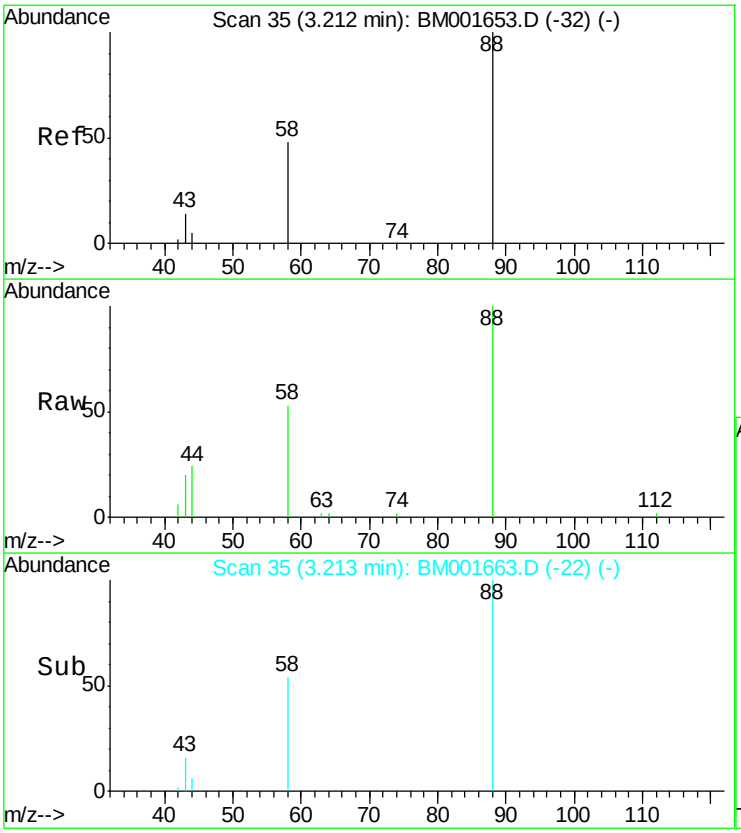
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.70 min Scan# 325
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Instrument :
BNA_M
ClientSampleId :
FM2AMS

Tgt Ion:152 Resp: 24025

Ion	Ratio	Lower	Upper
152	100		
150	136.6	112.2	168.2
115	49.4	41.7	62.5

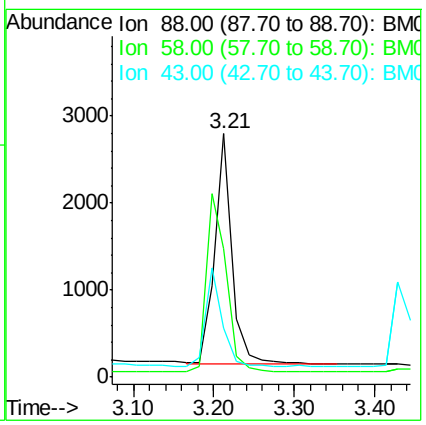


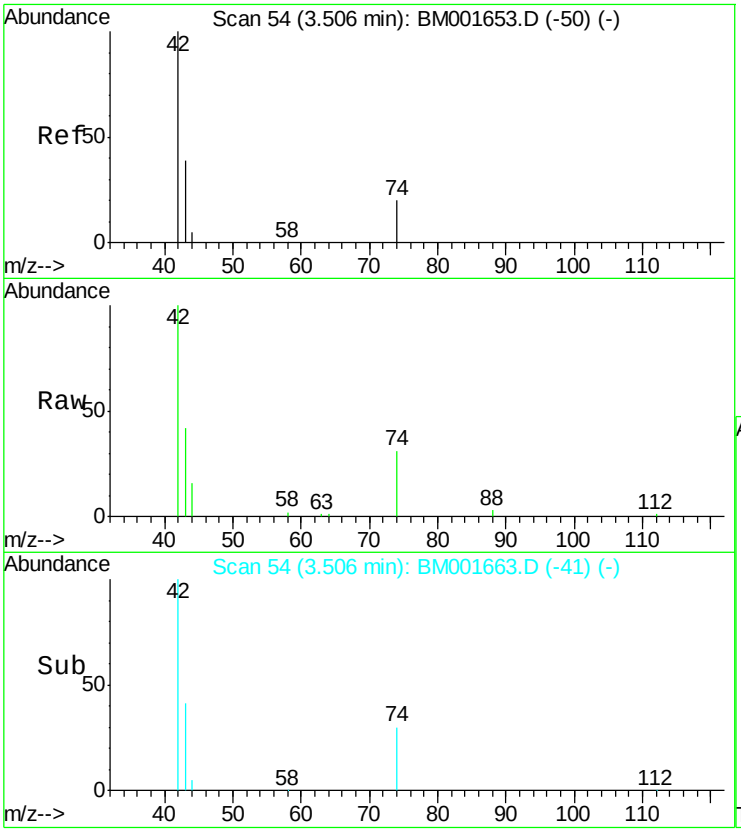


#2
1,4-Dioxane
Concen: 1.55 ng
RT: 3.21 min Scan# 35
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Tgt Ion: 88 Resp: 3968

Ion	Ratio	Lower	Upper
88	100		
58	88.7	70.5	105.7
43	40.3	33.3	49.9



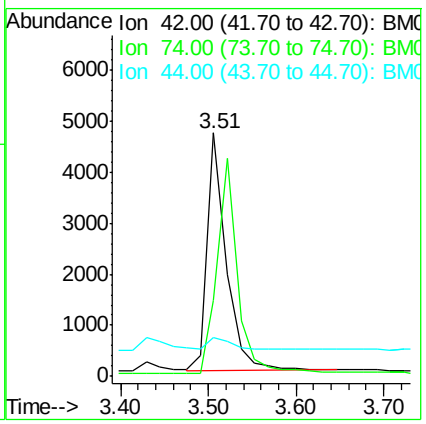


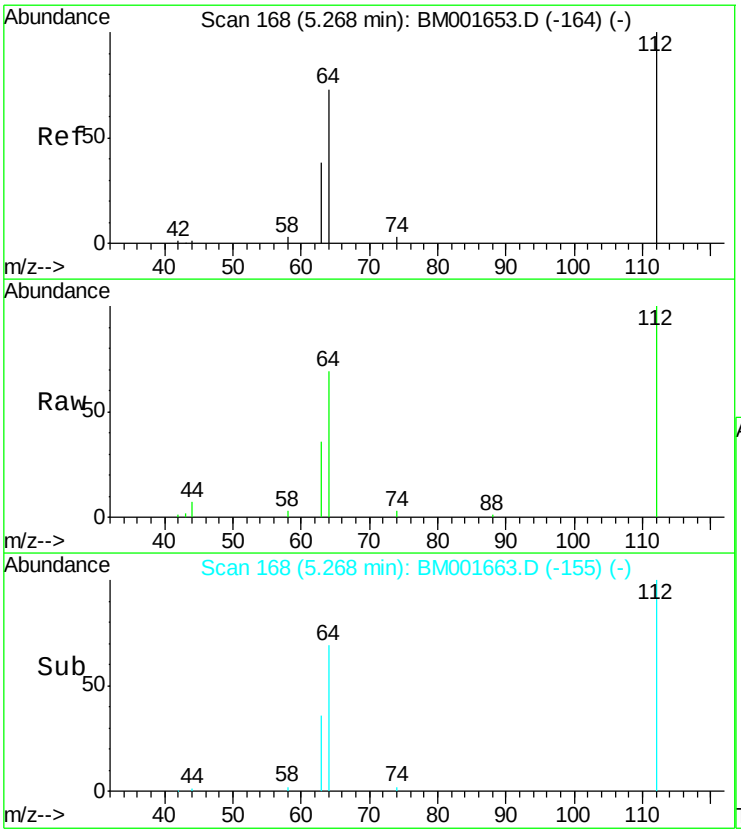
#3
n-Nitrosodimethylamine
Concen: 1.67 ng
RT: 3.51 min Scan# 54
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Instrument :
BNA_M
ClientSampleId :
FM2AMS

Tgt Ion: 42 Resp: 7018

Ion	Ratio	Lower	Upper
42	100		
74	96.9	75.7	113.5
44	6.5	6.7	10.1#

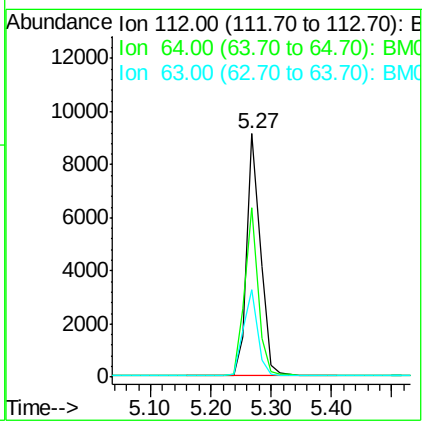


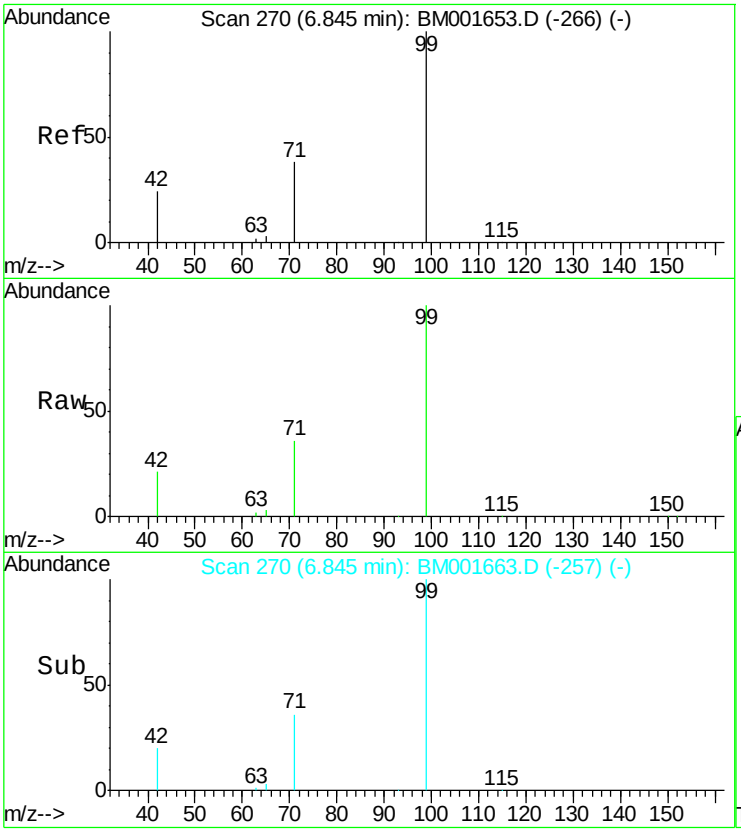


#4
2-Fluorophenol
Concen: 2.51 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Tgt Ion:112 Resp: 14302

Ion	Ratio	Lower	Upper
112	100		
64	69.0	55.5	83.3
63	37.7	29.9	44.9



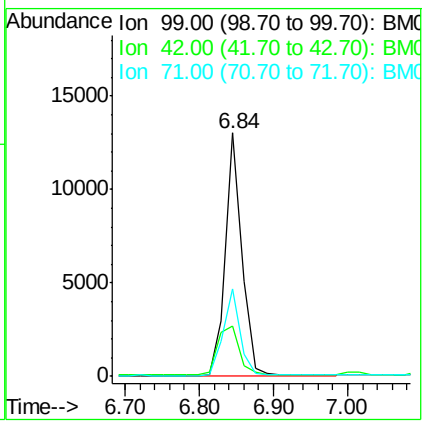


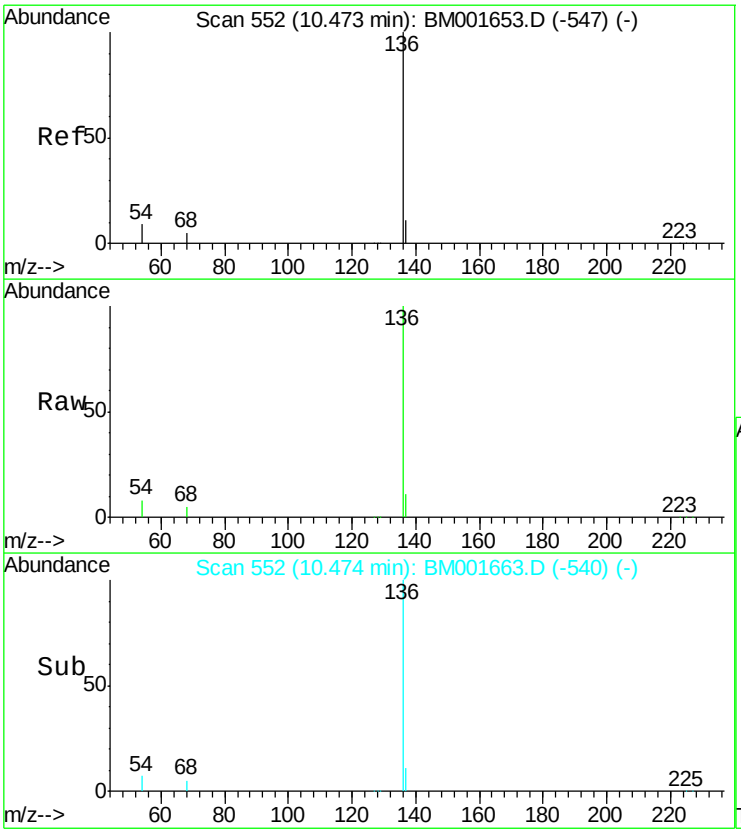
#5
Phenol-d6
Concen: 2.81 ng
RT: 6.84 min Scan# 270
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Instrument :
BNA_M
ClientSampleId :
FM2AMS

Tgt Ion: 99 Resp: 20080

Ion	Ratio	Lower	Upper
99	100		
42	26.1	21.6	32.4
71	35.8	28.7	43.1

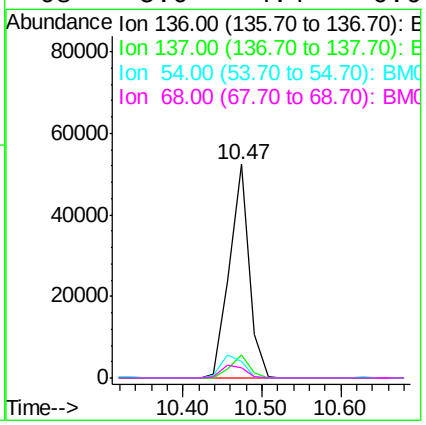


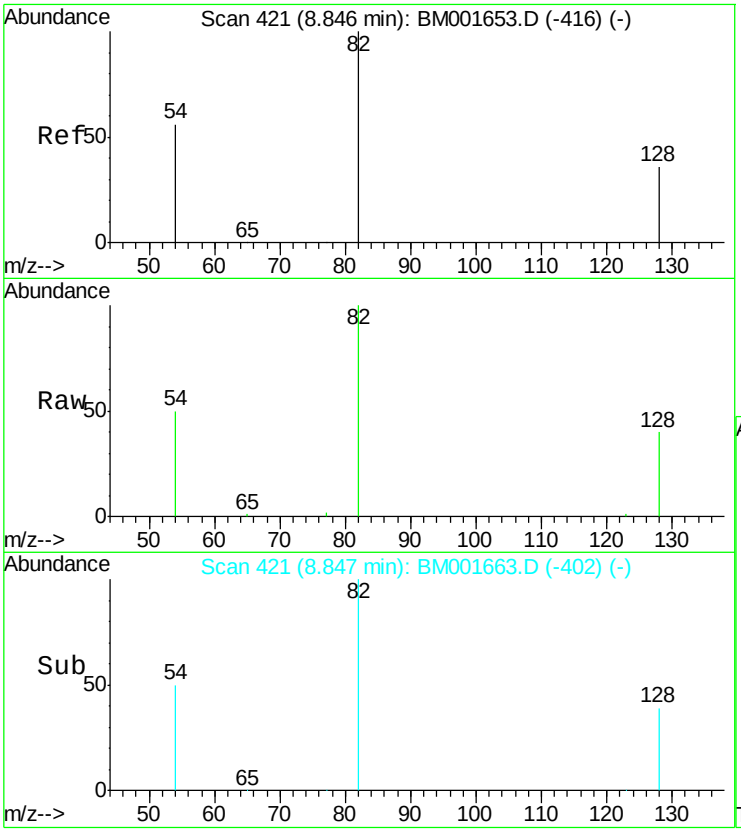


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.47 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Tgt Ion:136 Resp: 90452

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.6	6.9	10.3
68	5.0	4.4	6.6



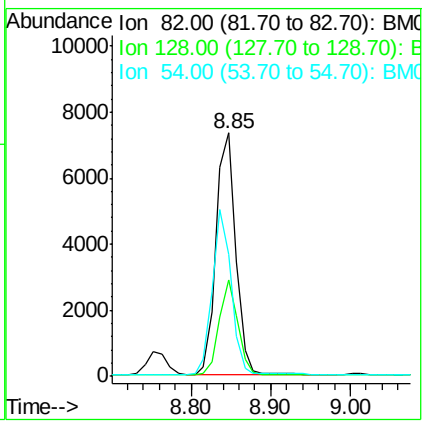


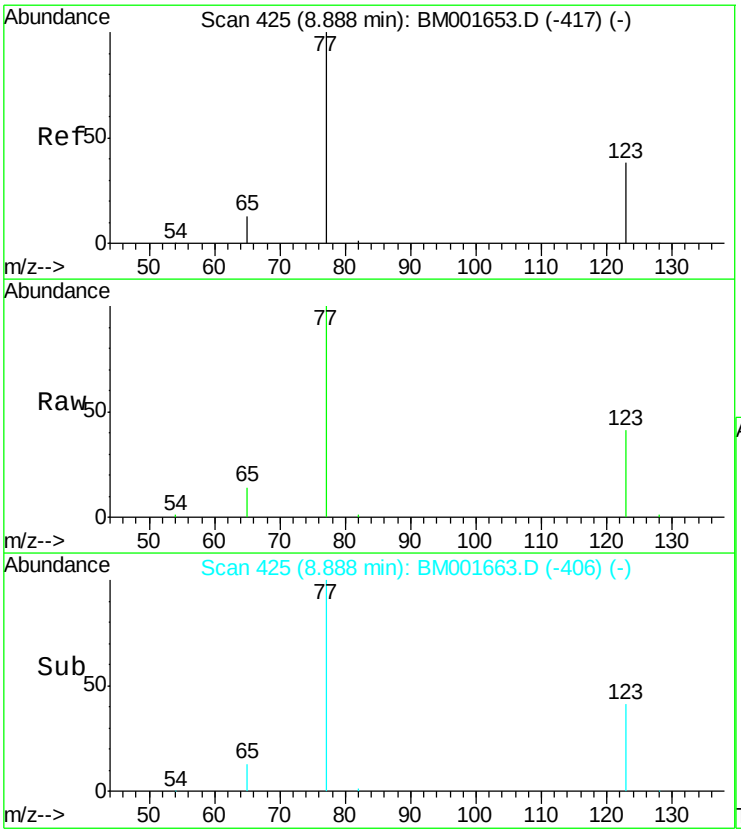
#7
Nitrobenzene-d5
Concen: 1.81 ng
RT: 8.85 min Scan# 421
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Instrument :
BNA_M
ClientSampleId :
FM2AMS

Tgt Ion: 82 Resp: 12557

Ion	Ratio	Lower	Upper
82	100		
128	39.8	29.7	44.5
54	50.4	45.1	67.7

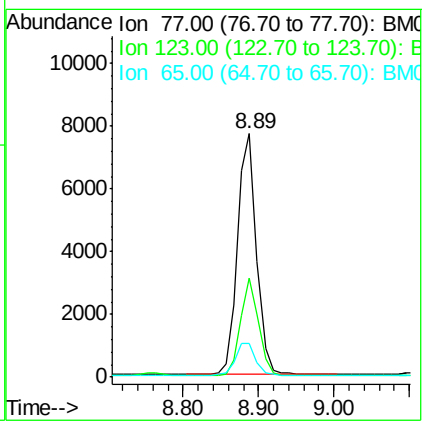


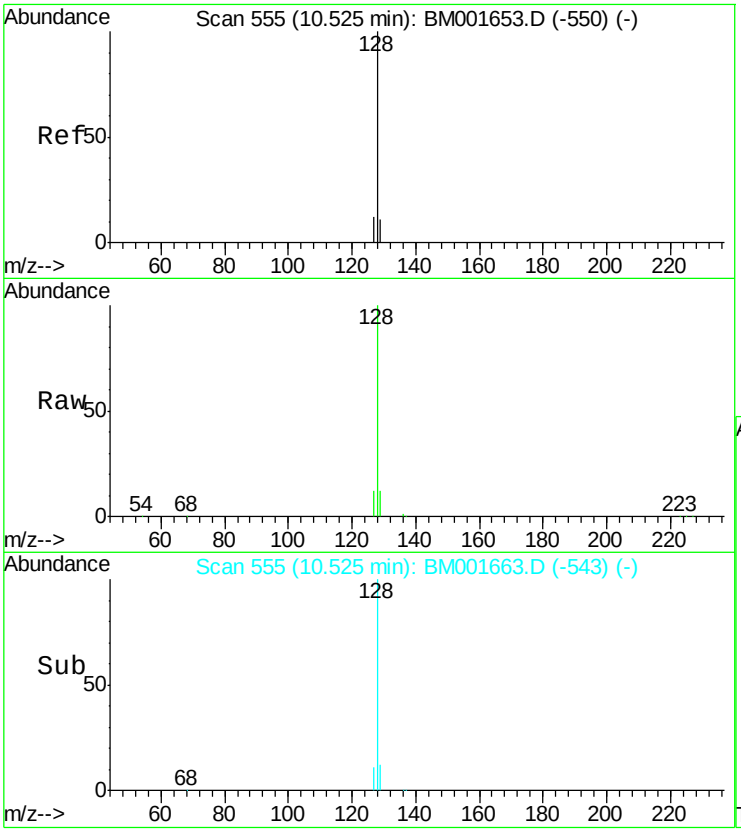


#8
Nitrobenzene
Concen: 1.79 ng
RT: 8.89 min Scan# 425
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Tgt Ion: 77 Resp: 13411

Ion	Ratio	Lower	Upper
77	100		
123	38.4	30.3	45.5
65	14.2	11.2	16.8



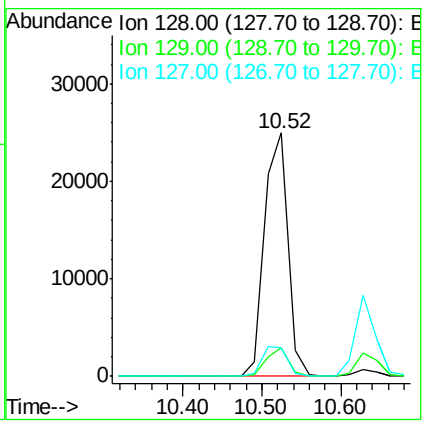


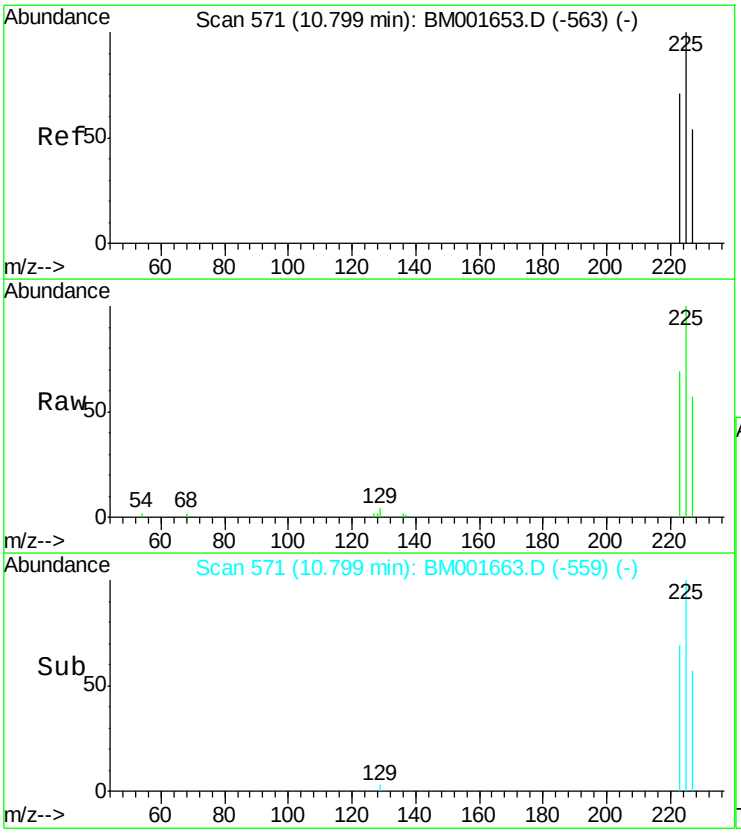
#9
Naphthalene
Concen: 2.34 ng
RT: 10.52 min Scan# 555
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Instrument :
BNA_M
ClientSampleId :
FM2AMS

Tgt Ion:128 Resp: 51380

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	11.6	9.7	14.5

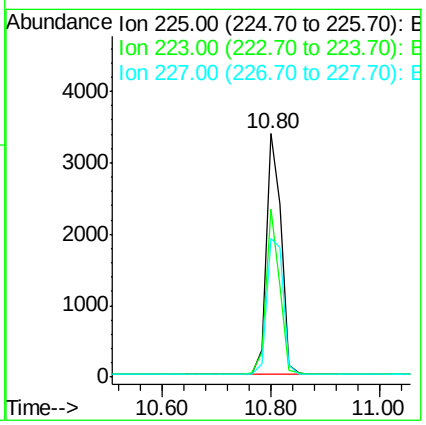


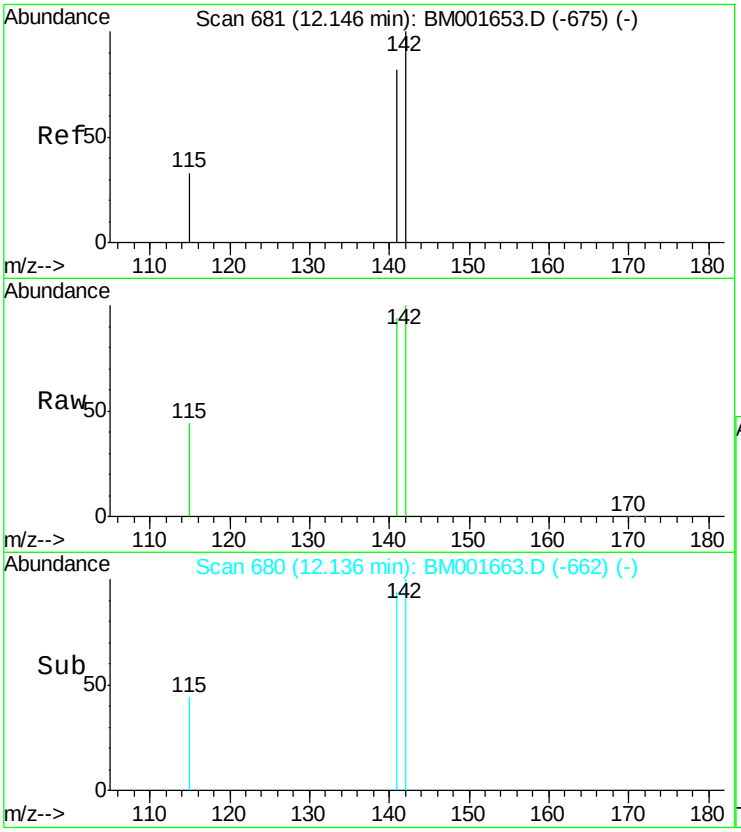


#10
Hexachlorobutadiene
Concen: 1.75 ng
RT: 10.80 min Scan# 571
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Tgt Ion:225 Resp: 6386

Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.4
227	63.7	51.2	76.8



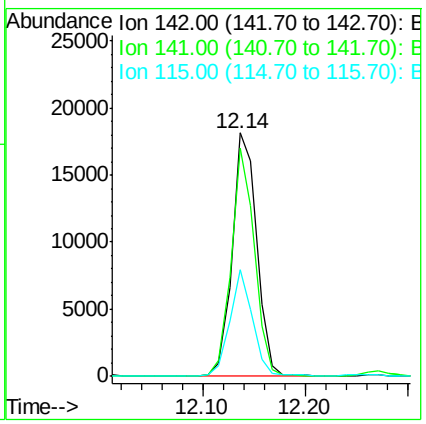


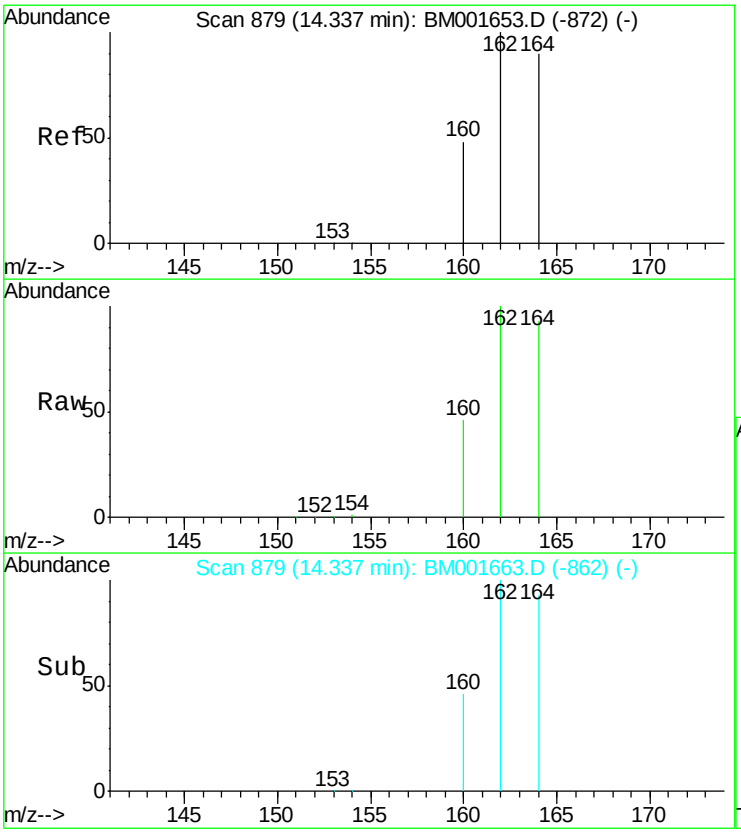
#11
2-Methylnaphthalene
Concen: 2.12 ng
RT: 12.14 min Scan# 680
Delta R.T. -0.01 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Instrument :
BNA_M
ClientSampleId :
FM2AMS

Tgt Ion:142 Resp: 29958

Ion	Ratio	Lower	Upper
142	100		
141	94.0	65.8	98.6
115	43.9	27.0	40.6#

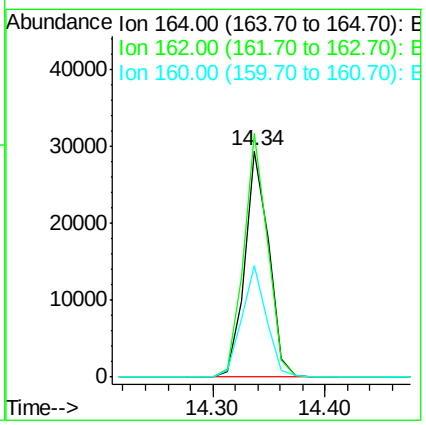


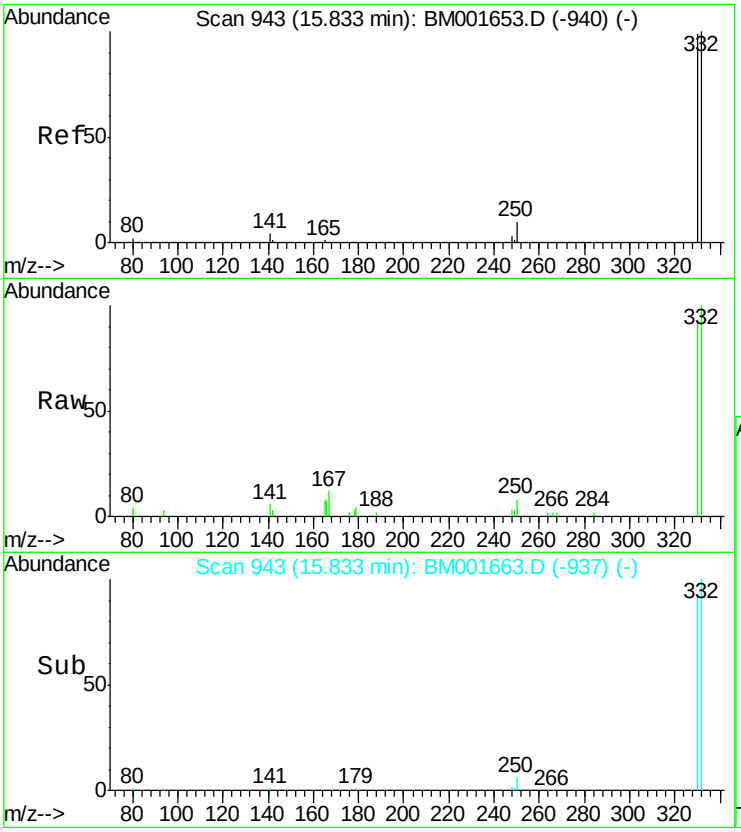


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.34 min Scan# 879
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Tgt Ion:164 Resp: 43603

Ion	Ratio	Lower	Upper
164	100		
162	107.8	89.0	133.4
160	49.4	42.6	63.8



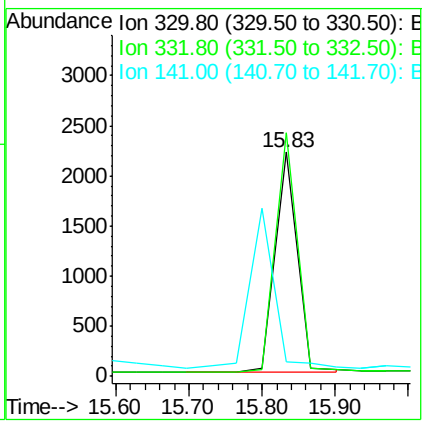


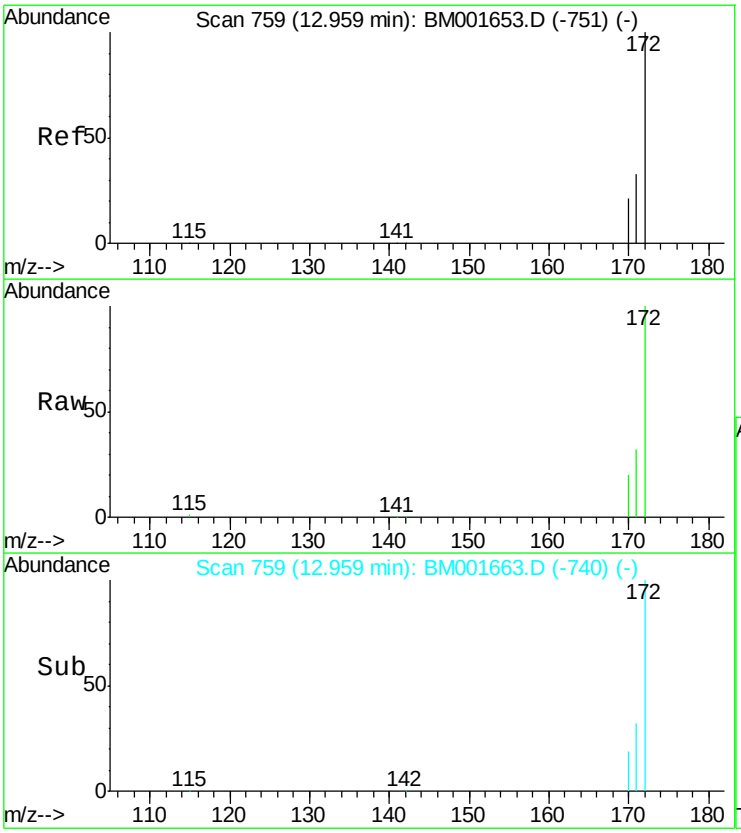
#13
2,4,6-Tribromophenol
Concen: 2.93 ng
RT: 15.83 min Scan# 943
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Instrument :
BNA_M
ClientSampleId :
FM2AMS

Tgt Ion:330 Resp: 4645

Ion	Ratio	Lower	Upper
330	100		
332	107.7	80.6	120.8
141	0.0	0.0	0.0

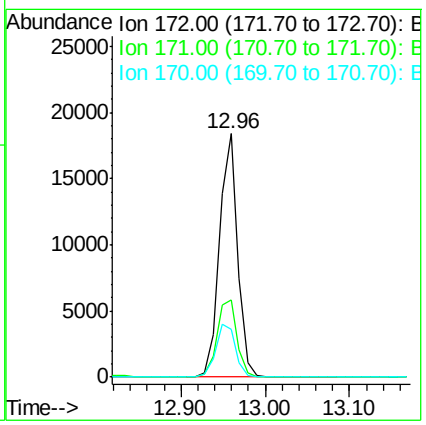


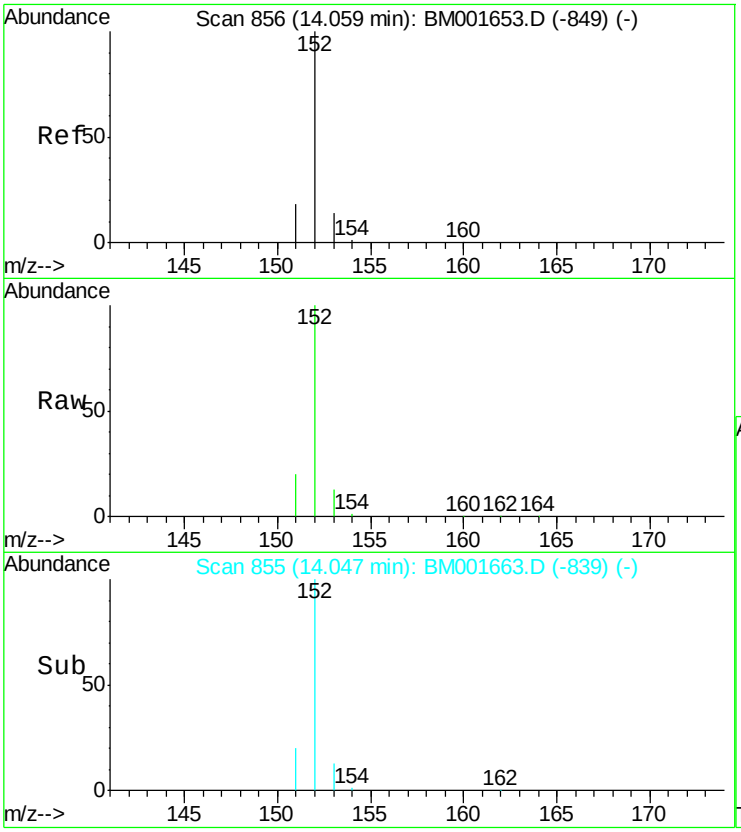


#14
2-Fluorobiphenyl
Concen: 1.82 ng
RT: 12.96 min Scan# 759
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Tgt Ion:172 Resp: 27734

Ion	Ratio	Lower	Upper
172	100		
171	32.0	26.6	40.0
170	19.7	17.1	25.7



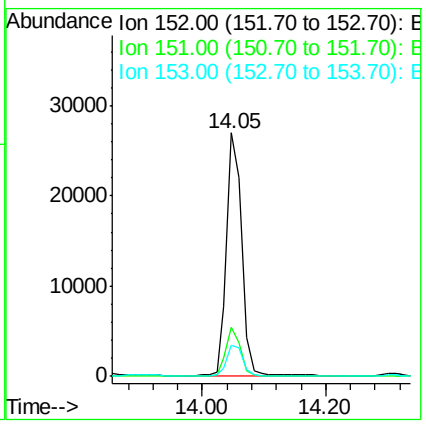


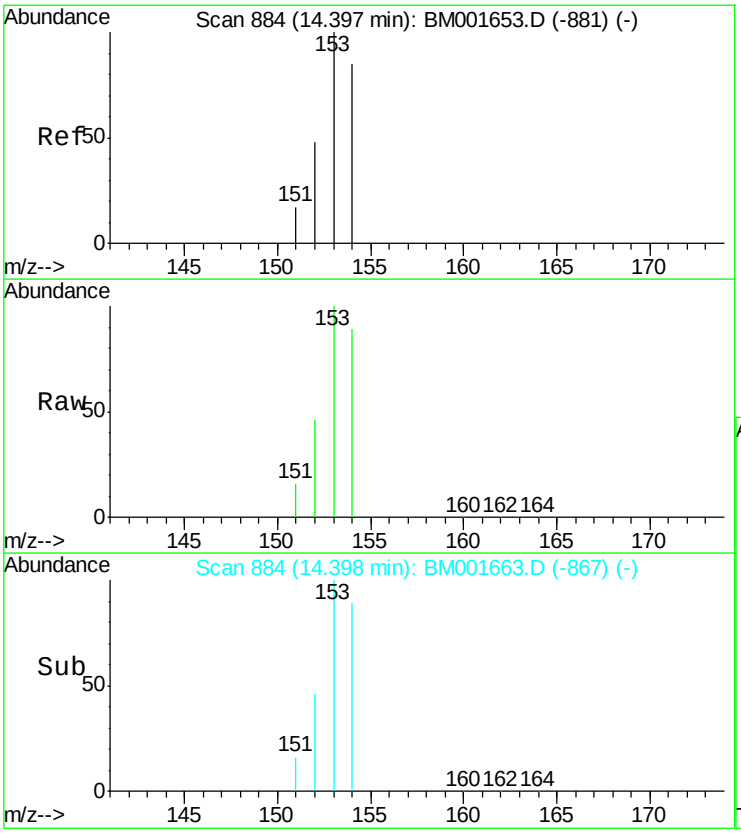
#15
Acenaphthylene
Concen: 2.25 ng
RT: 14.05 min Scan# 855
Delta R.T. -0.01 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Instrument :
BNA_M
ClientSampleId :
FM2AMS

Tgt Ion:152 Resp: 45816

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	13.4	10.2	15.4

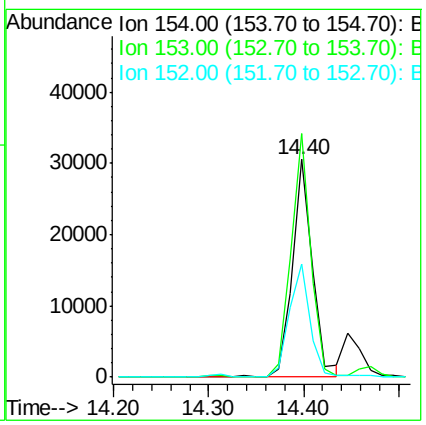


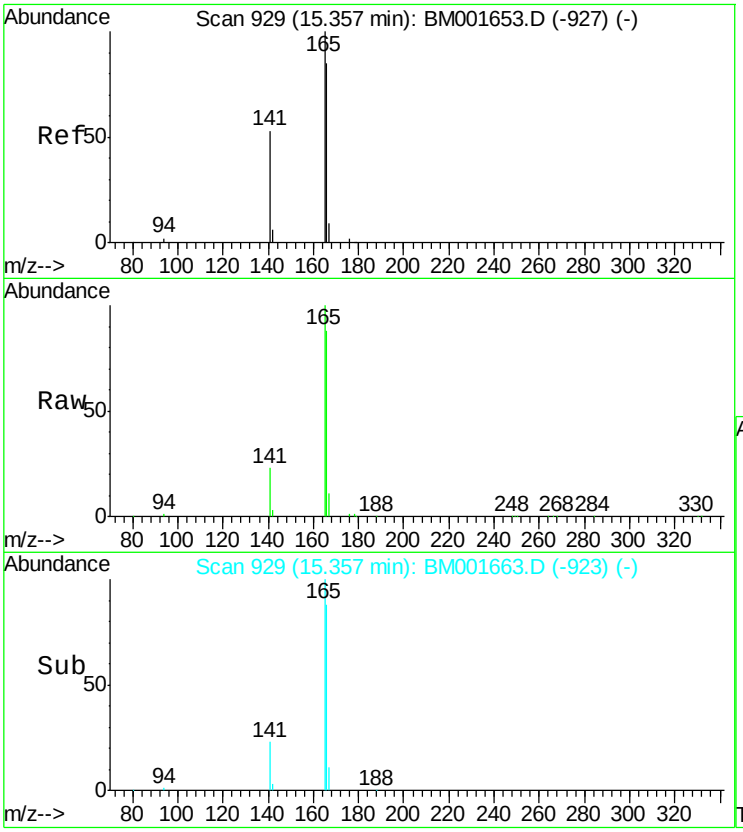


#16
Acenaphthene
Concen: 3.43 ng
RT: 14.40 min Scan# 884
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Tgt Ion:154 Resp: 44442

Ion	Ratio	Lower	Upper
154	100		
153	108.8	91.0	136.6
152	52.7	43.8	65.8



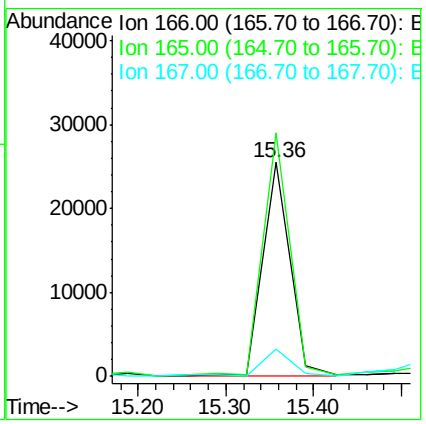


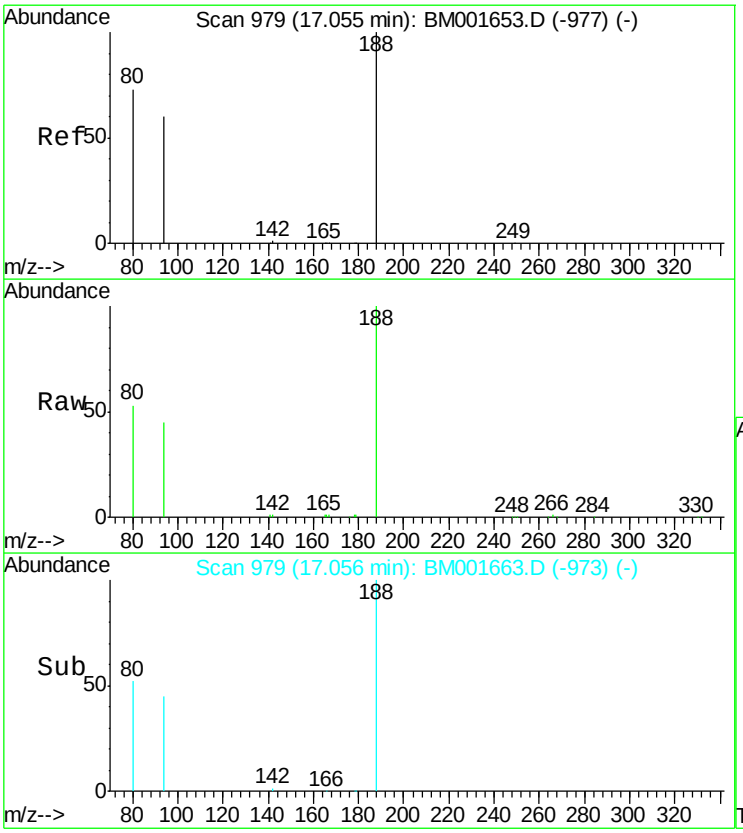
#17
Fluorene
Concen: 3.46 ng
RT: 15.36 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Instrument :
BNA_M
ClientSampleId :
FM2AMS

Tgt Ion:166 Resp: 54429

Ion	Ratio	Lower	Upper
166	100		
165	112.0	90.7	136.1
167	14.6	9.4	14.0#

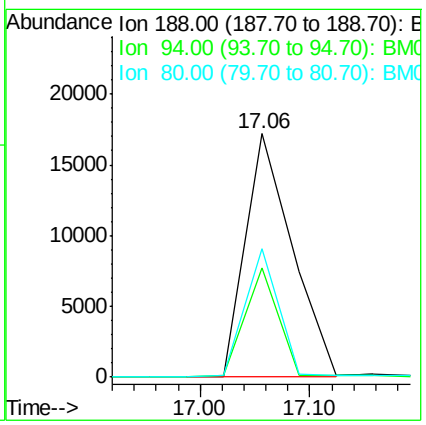


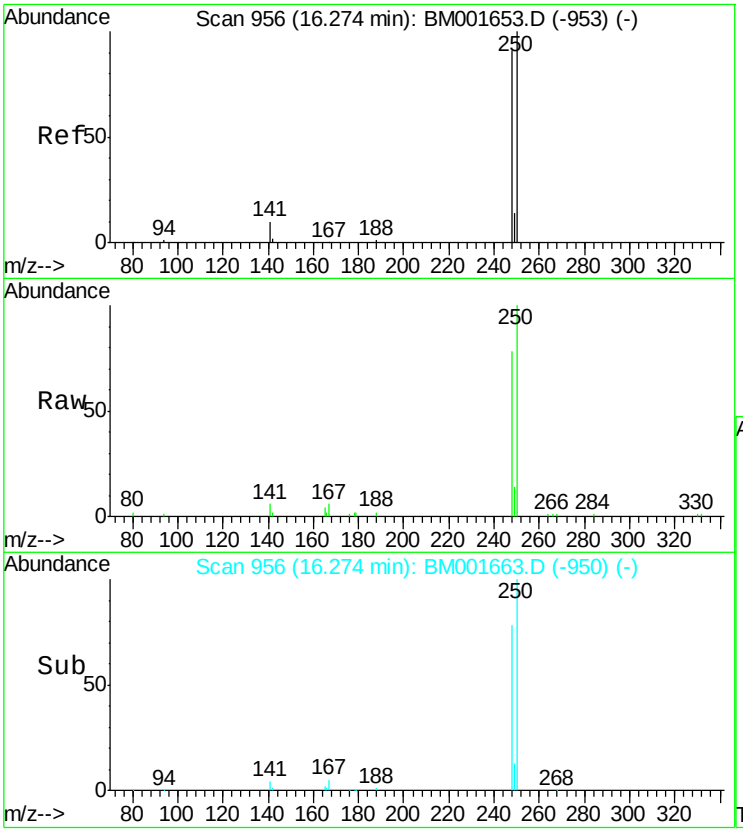


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Tgt Ion:188 Resp: 50218

Ion	Ratio	Lower	Upper
188	100		
94	45.1	48.3	72.5#
80	52.5	58.6	88.0#



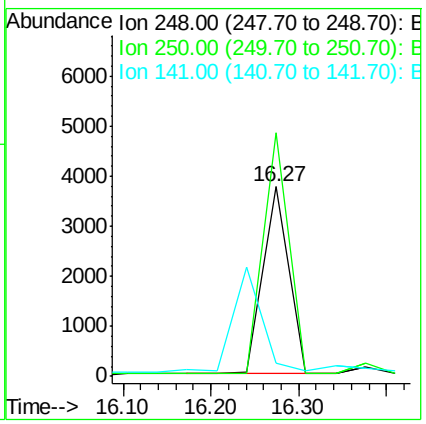


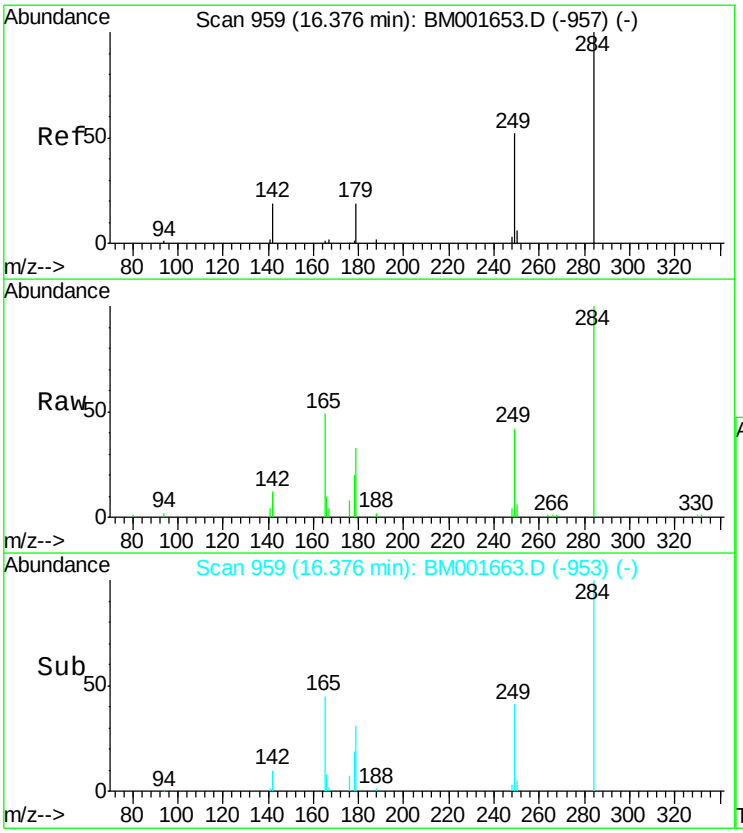
#19
4-Bromophenyl-phenylether
Concen: 1.51 ng
RT: 16.27 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Instrument :
BNA_M
ClientSampleId :
FM2AMS

Tgt Ion:248 Resp: 7776

Ion	Ratio	Lower	Upper
248	100		
250	127.3	87.5	131.3
141	0.0	0.0	0.0

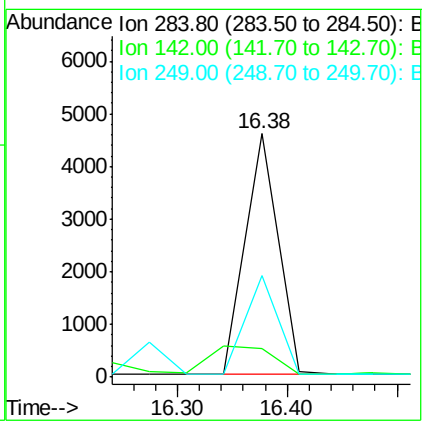


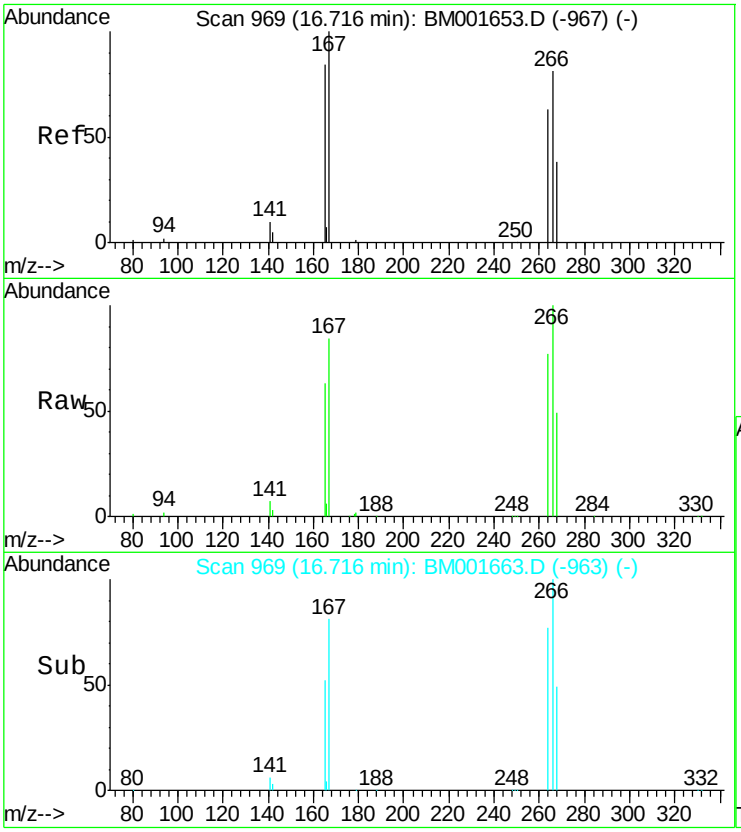


#20
Hexachlorobenzene
Concen: 2.07 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Tgt Ion:284 Resp: 9469

Ion	Ratio	Lower	Upper
284	100		
142	0.0	21.5	32.3#
249	53.8	53.8	80.6



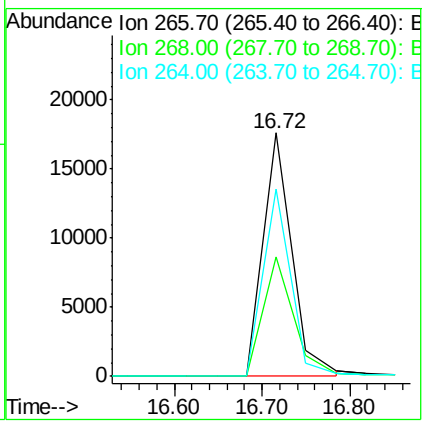


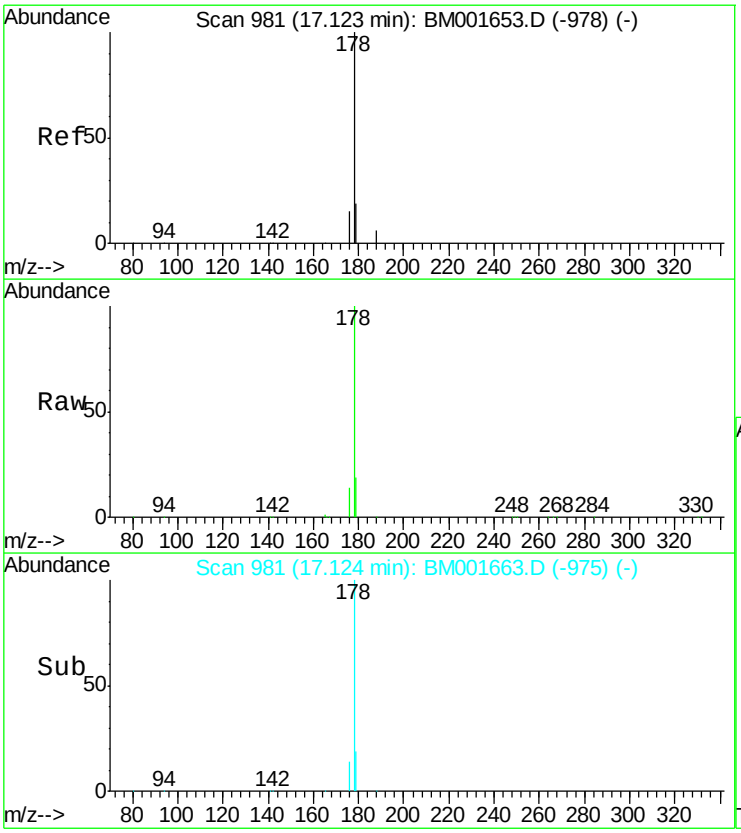
#21
Pentachlorophenol
Concen: 21.82 ng
RT: 16.72 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Instrument :
BNA_M
ClientSampleId :
FM2AMS

Tgt Ion:266 Resp: 40134

Ion	Ratio	Lower	Upper
266	100		
268	48.9	43.3	64.9
264	77.2	64.5	96.7

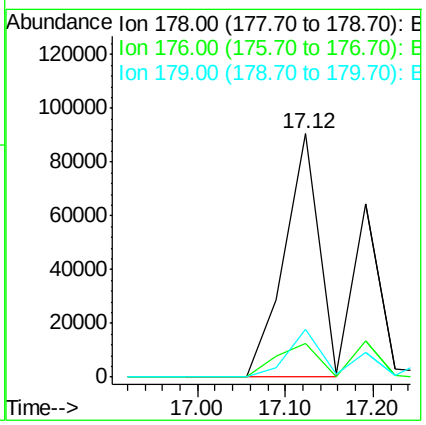


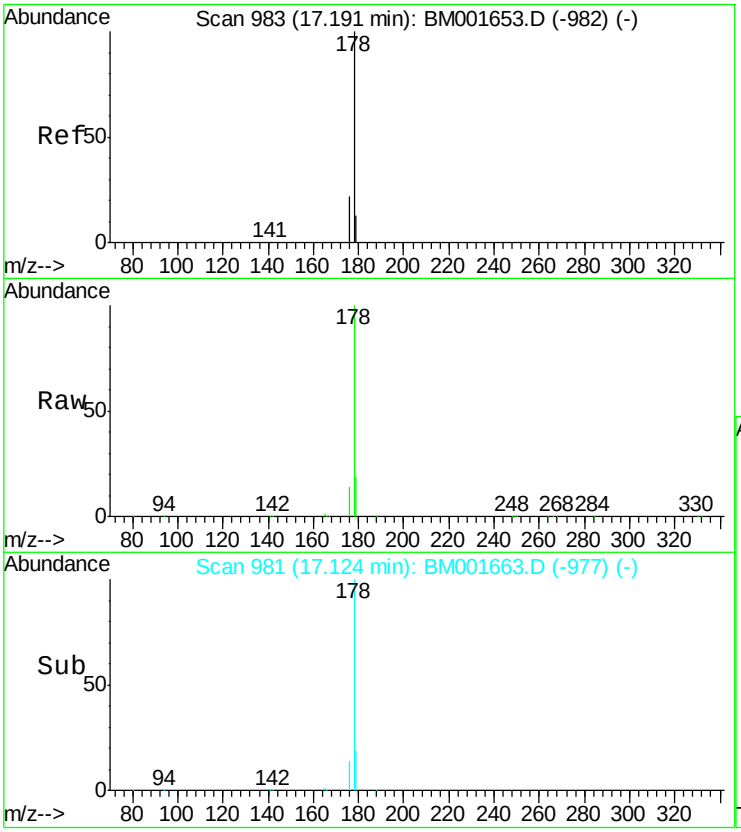


#22
Phenanthrene
Concen: Below Cal
RT: 17.12 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Tgt Ion:178 Resp: 245440

Ion	Ratio	Lower	Upper
178	100		
176	17.2	0.0	0.0#
179	18.2	14.2	21.2



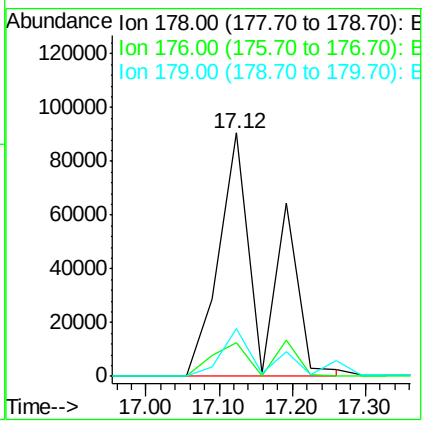


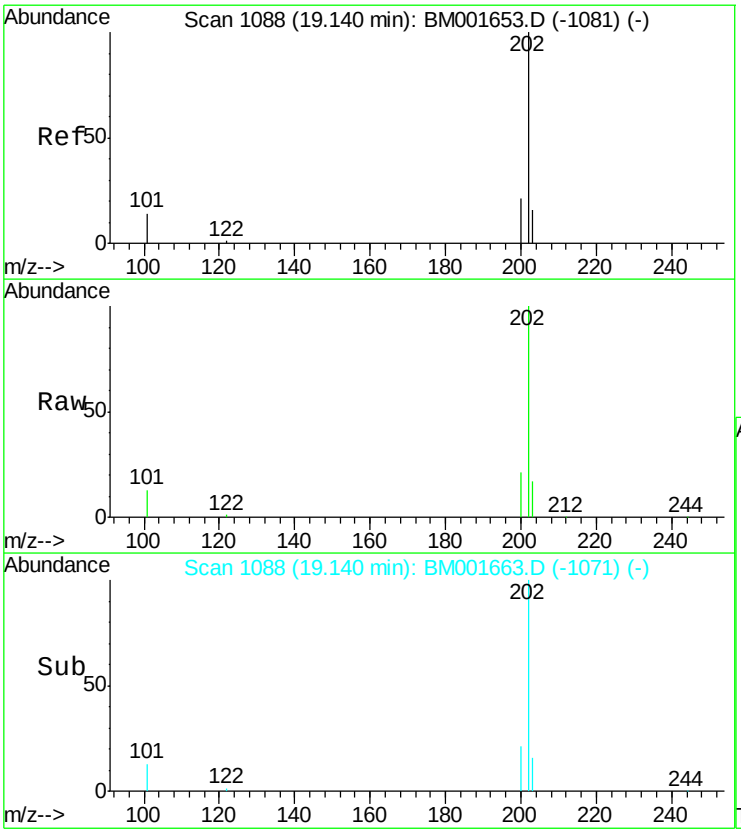
#23
Anthracene
Concen: 19.88 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.07 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Instrument :
BNA_M
ClientSampleId :
FM2AMS

Tgt Ion:178 Resp: 386993

Ion	Ratio	Lower	Upper
178	100		
176	0.0	0.0	0.0
179	16.6	21.4	32.0#

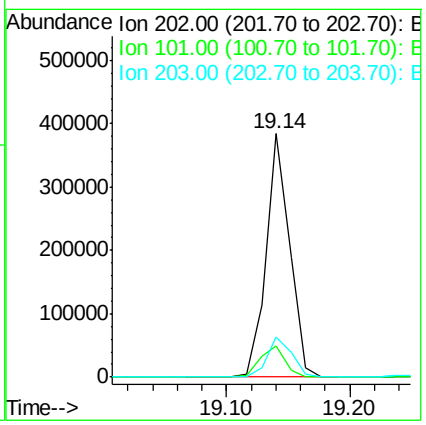


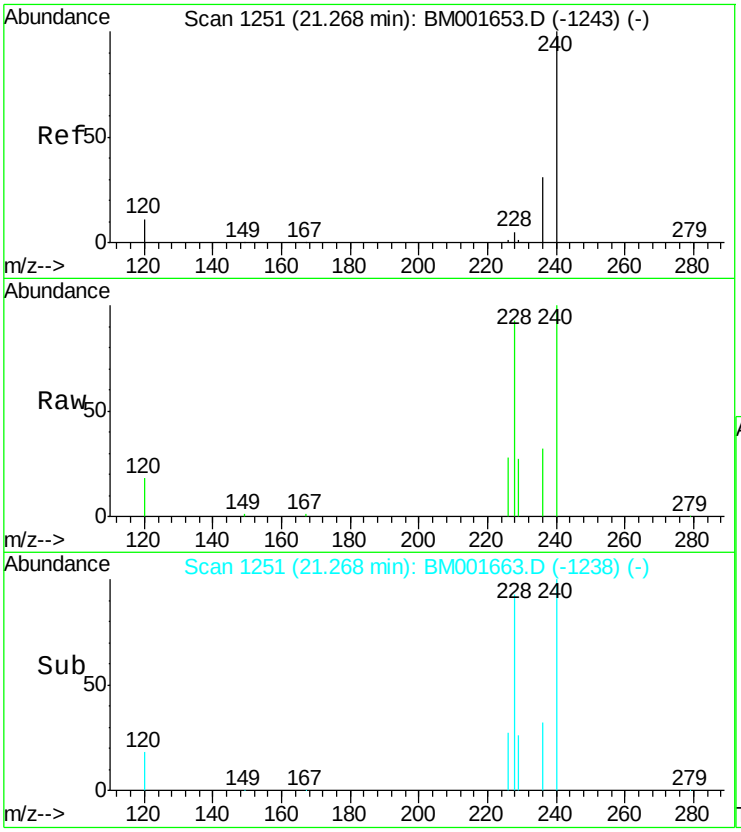


#24
Fluoranthene
Concen: Below Cal
RT: 19.14 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Tgt Ion:202 Resp: 514287

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.8	16.2
203	17.4	13.8	20.8



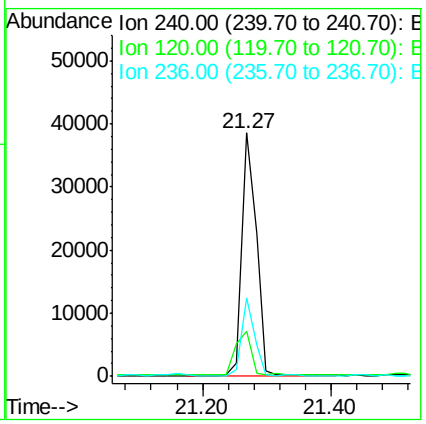


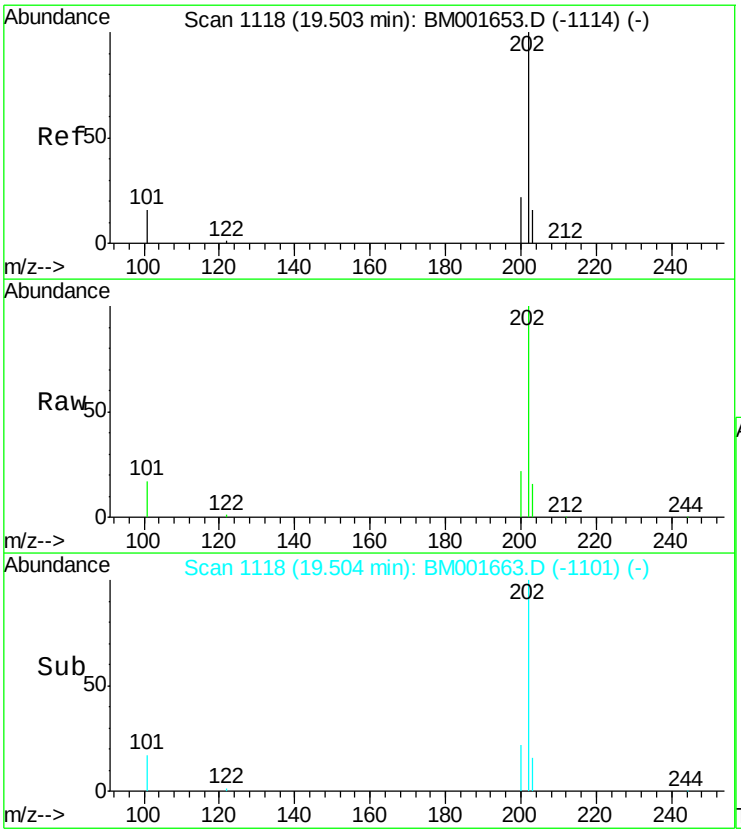
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.27 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Instrument :
BNA_M
ClientSampleId :
FM2AMS

Tgt Ion:240 Resp: 59504

Ion	Ratio	Lower	Upper
240	100		
120	18.3	8.9	13.3#
236	32.1	24.6	36.8

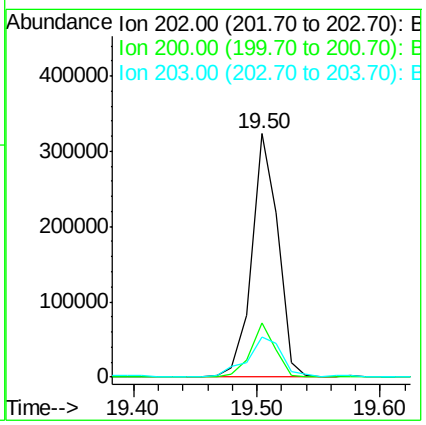


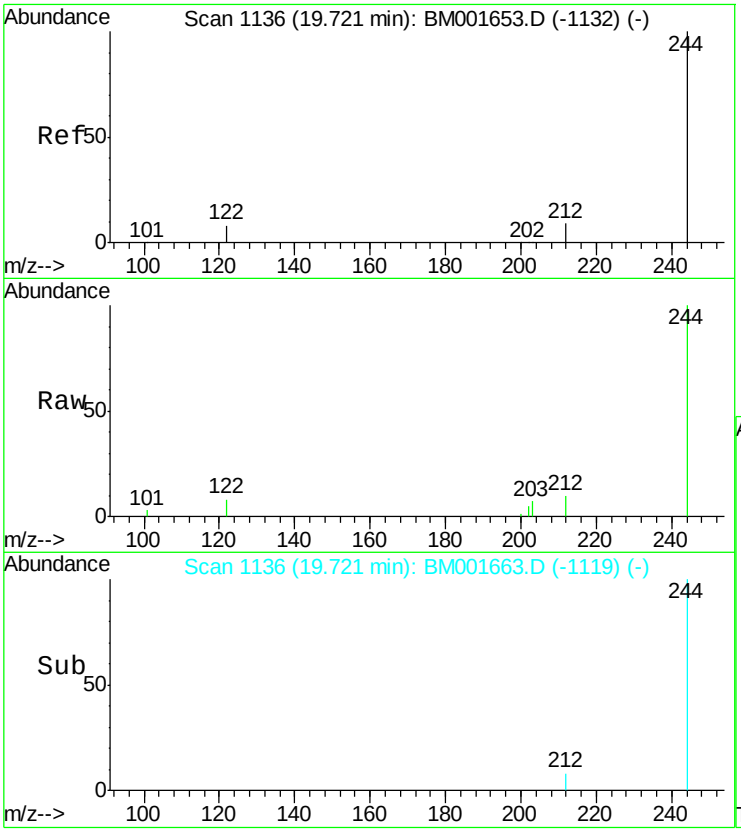


#26
Pyrene
Concen: 23.44 ng
RT: 19.50 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Tgt Ion:202 Resp: 478811

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	21.9	13.8	20.8#



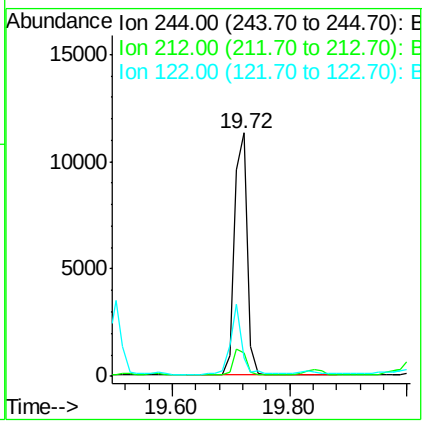


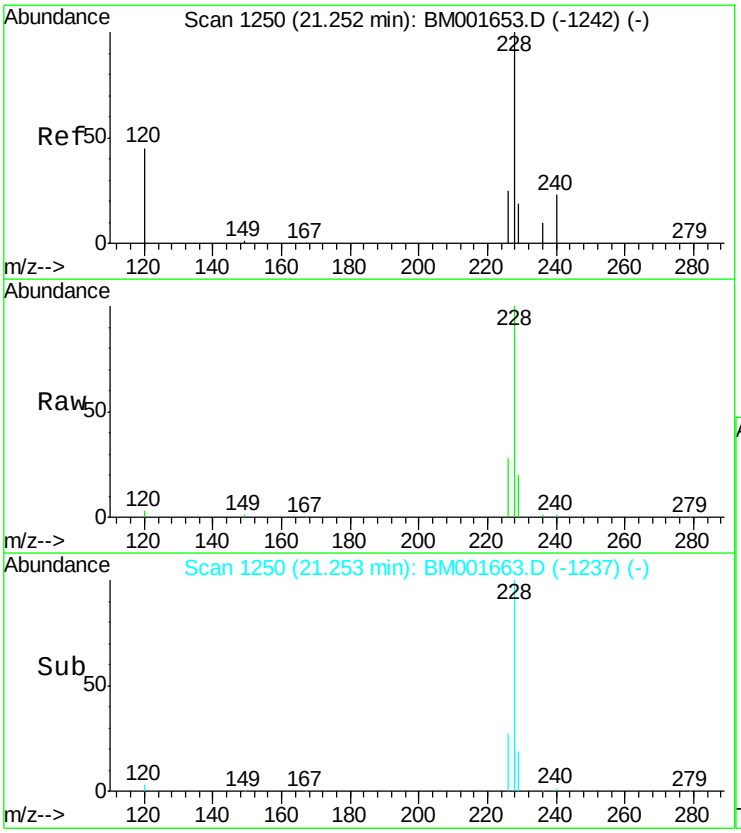
#27
Terphenyl-d14
Concen: 1.90 ng
RT: 19.72 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Instrument :
BNA_M
ClientSampleId :
FM2AMS

Tgt Ion:244 Resp: 17076

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.7	11.5
122	7.8	6.9	10.3

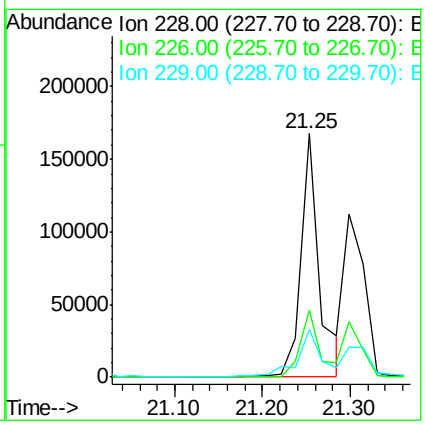


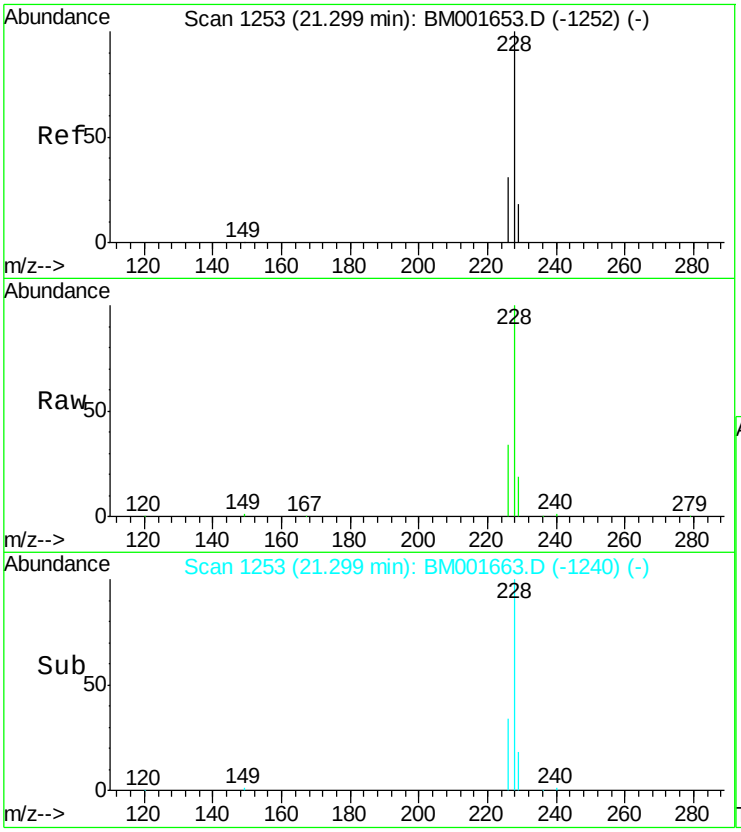


#28
Benzo(a)anthracene
Concen: 12.97 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Tgt Ion:228 Resp: 242404

Ion	Ratio	Lower	Upper
228	100		
226	27.6	20.2	30.4
229	19.6	15.7	23.5



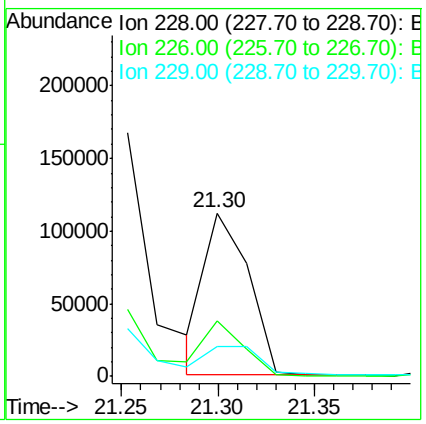


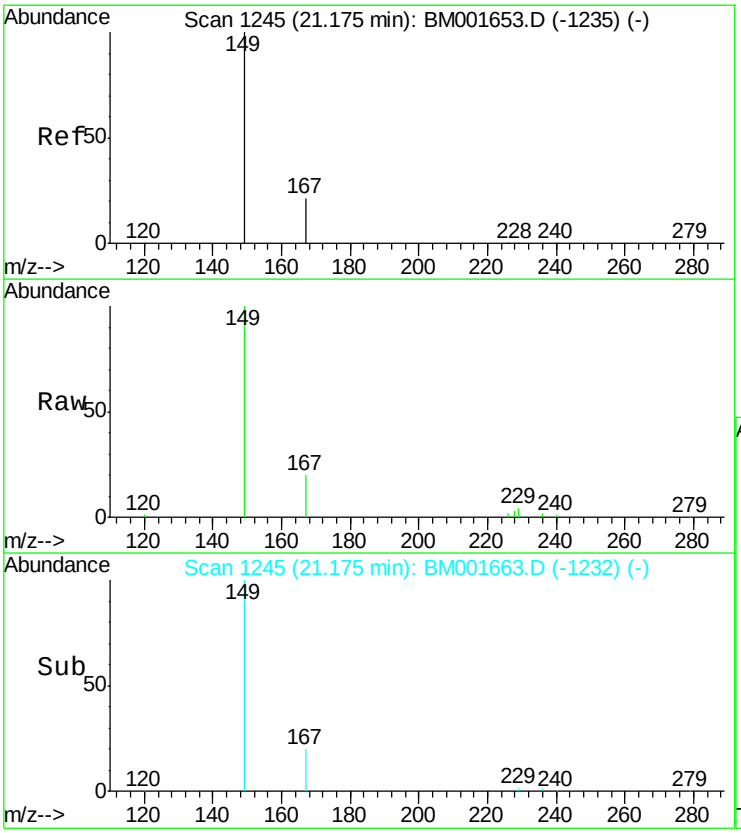
#29
Chrysene
Concen: 9.94 ng
RT: 21.30 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Instrument :
BNA_M
ClientSampleId :
FM2AMS

Tgt Ion:228 Resp: 177818

Ion	Ratio	Lower	Upper
228	100		
226	34.4	25.8	38.8
229	18.7	14.1	21.1

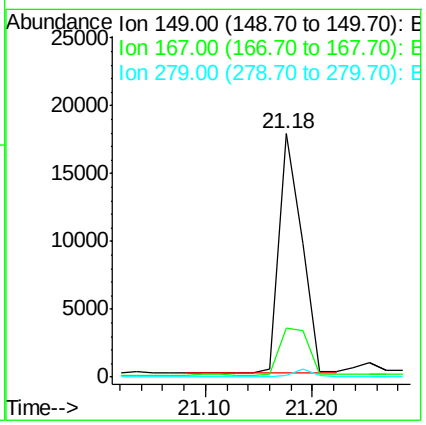


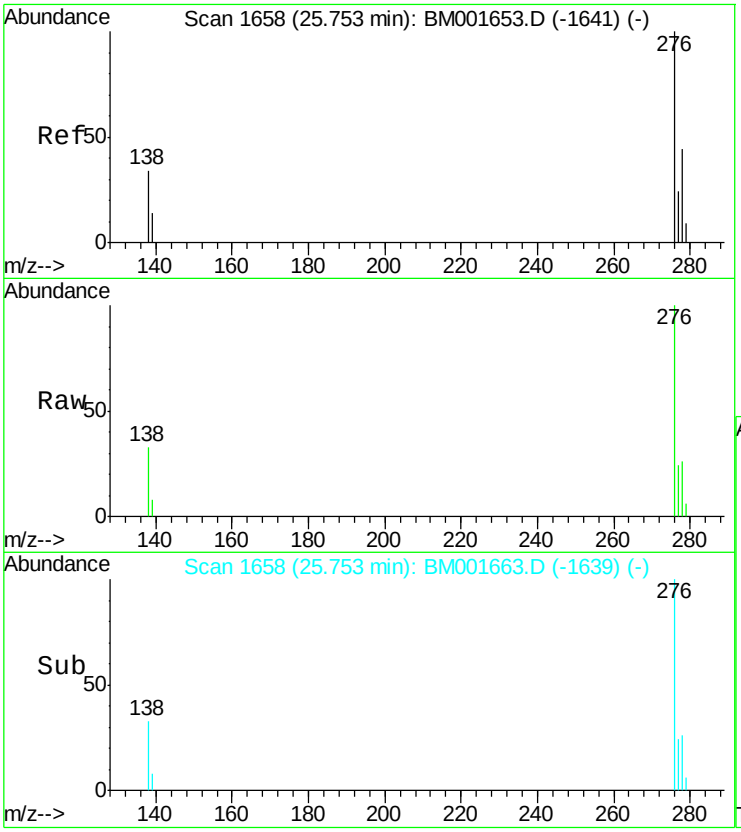


#30
Bis(2-ethylhexyl)phthalate
Concen: 2.08 ng
RT: 21.18 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Tgt Ion:149 Resp: 25978

Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.2	30.2
279	2.1	1.7	2.5



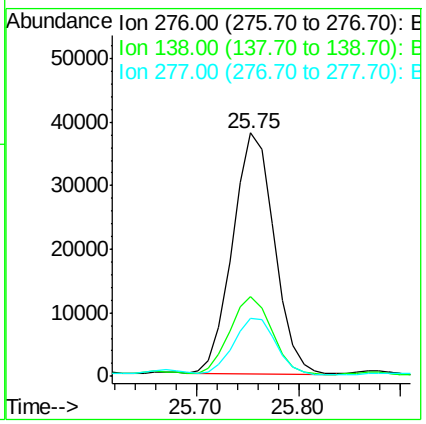


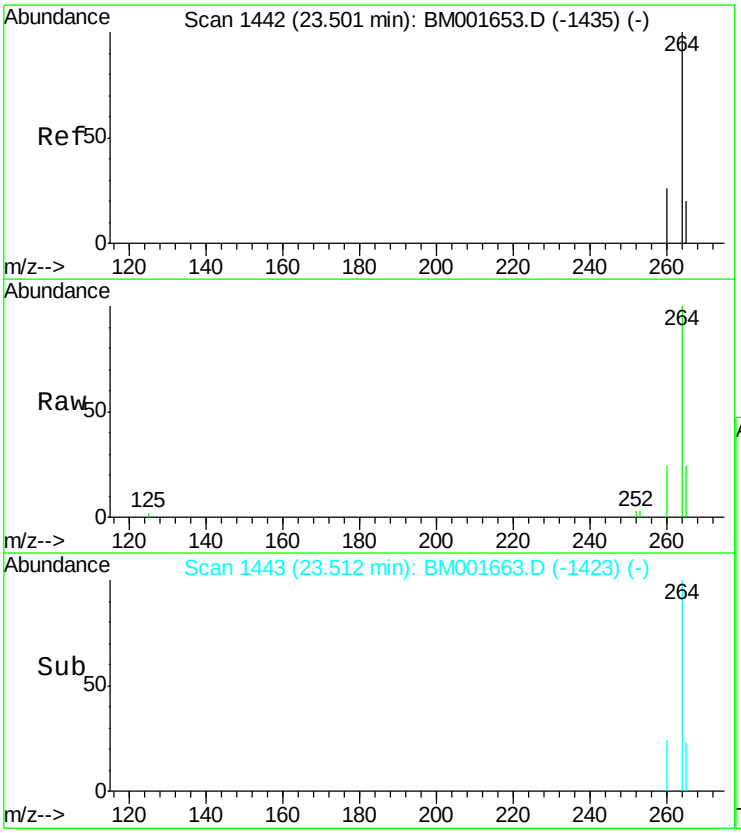
#31
Indeno(1,2,3-cd)pyrene
Concen: 7.69 ng
RT: 25.75 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Instrument :
BNA_M
ClientSampleId :
FM2AMS

Tgt Ion:276 Resp: 108062

Ion	Ratio	Lower	Upper
276	100		
138	32.6	28.8	43.2
277	24.1	19.6	29.4

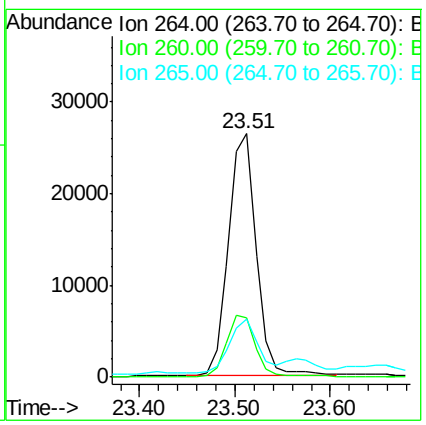


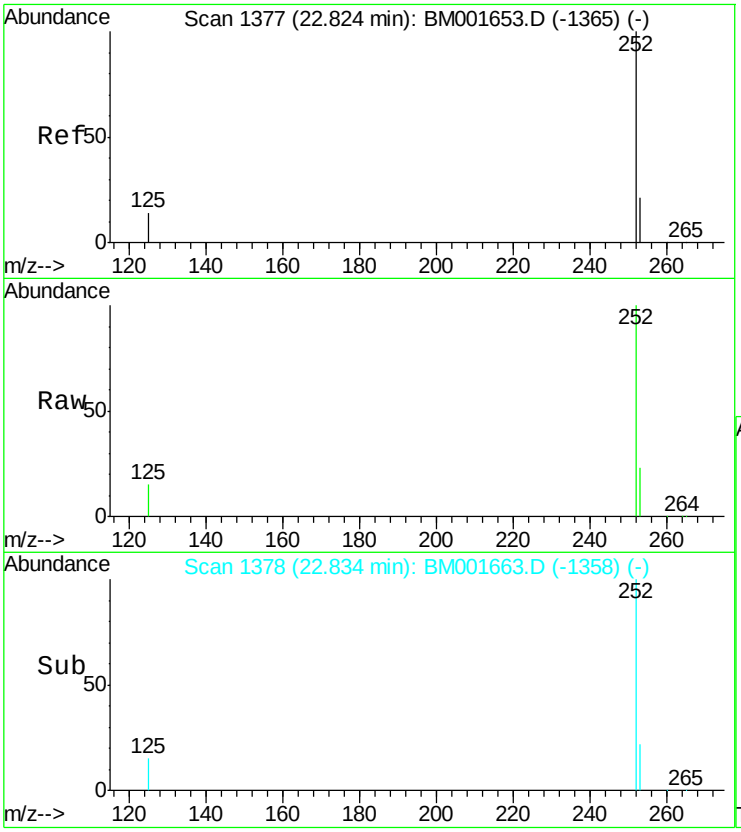


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.51 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Tgt Ion:264 Resp: 53521

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.8	31.2
265	23.8	16.9	25.3



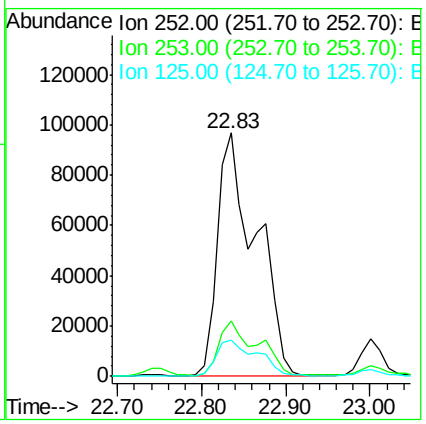


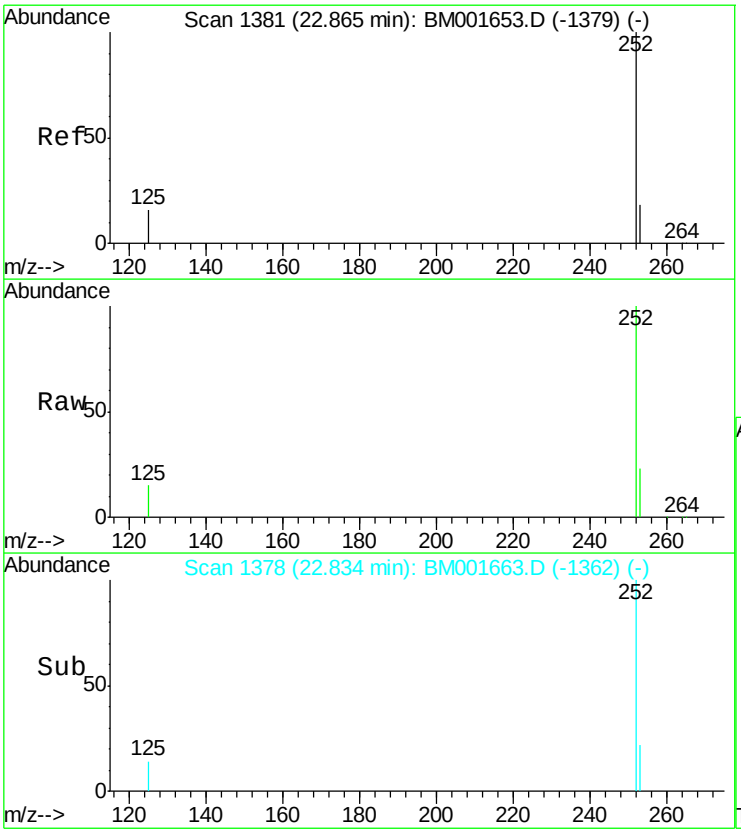
#33
Benzo(b)fluoranthene
Concen: 17.56 ng
RT: 22.83 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Instrument :
BNA_M
ClientSampleId :
FM2AMS

Tgt Ion:252 Resp: 306581

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	14.9	12.0	18.0

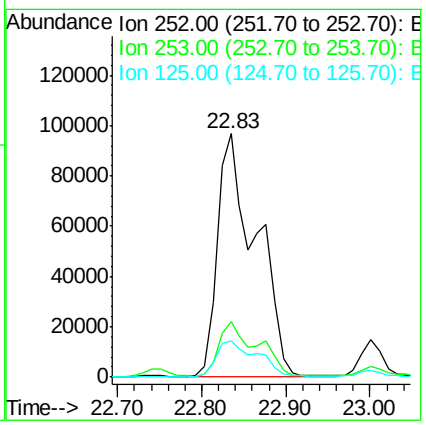


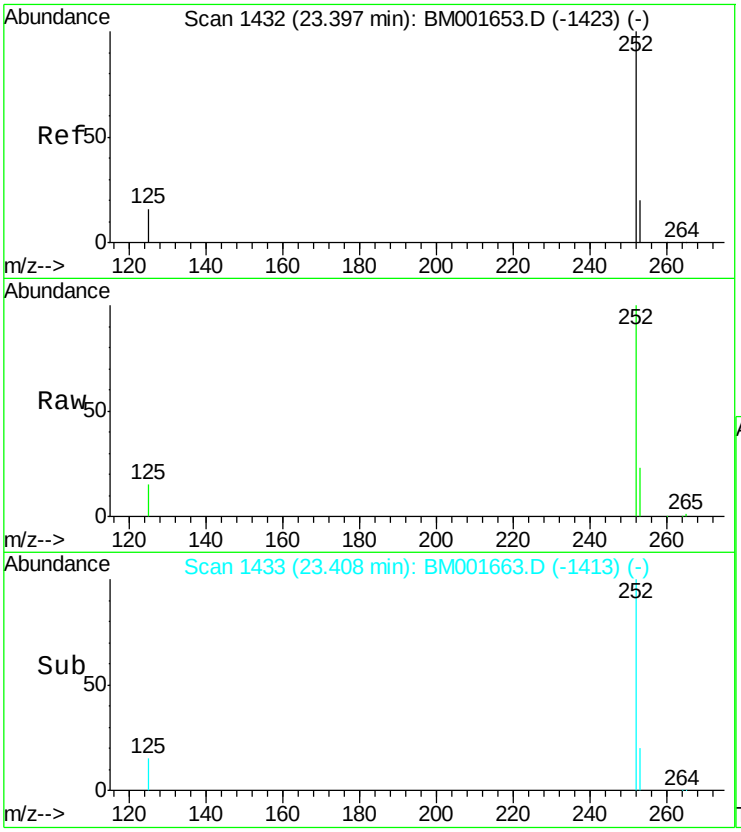


#34
Benzo(k)fluoranthene
Concen: 18.08 ng
RT: 22.83 min Scan# 1378
Delta R.T. -0.03 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Tgt Ion:252 Resp: 306581

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	14.9	12.5	18.7



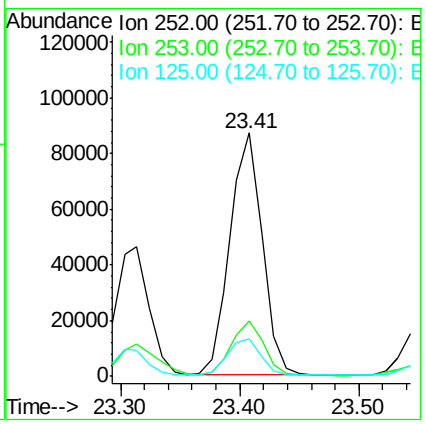


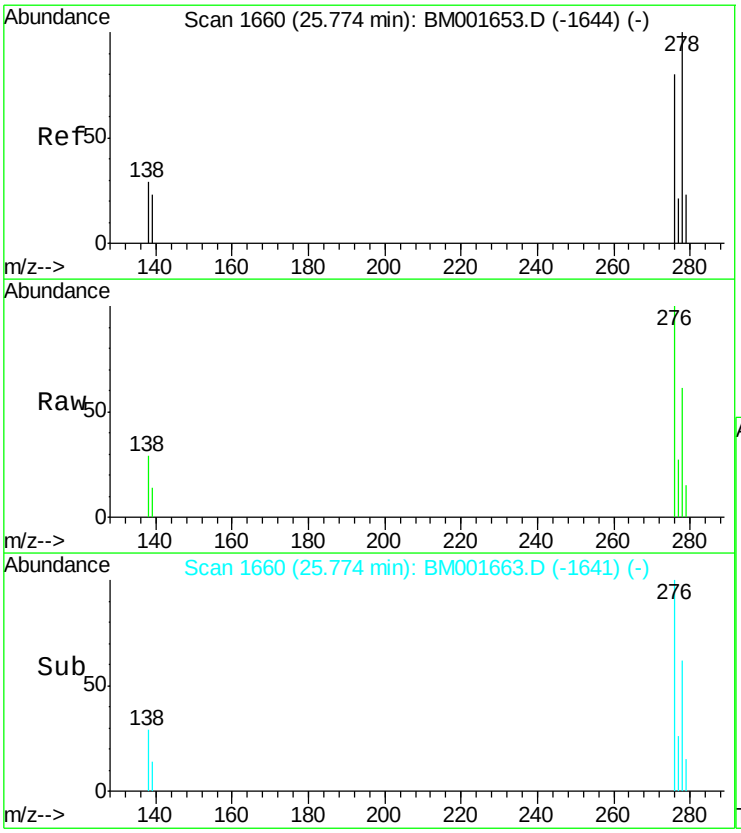
#35
Benzo(a)pyrene
Concen: 11.14 ng
RT: 23.41 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Instrument :
BNA_M
ClientSampleId :
FM2AMS

Tgt Ion:252 Resp: 162090

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	15.5	14.0	21.0

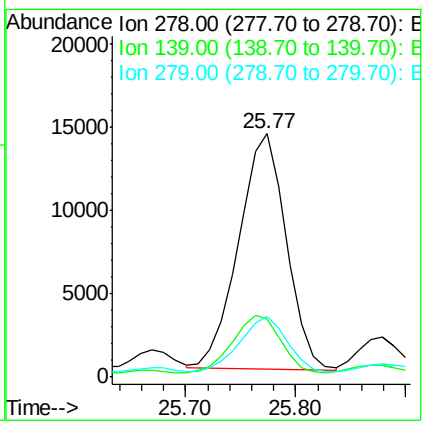


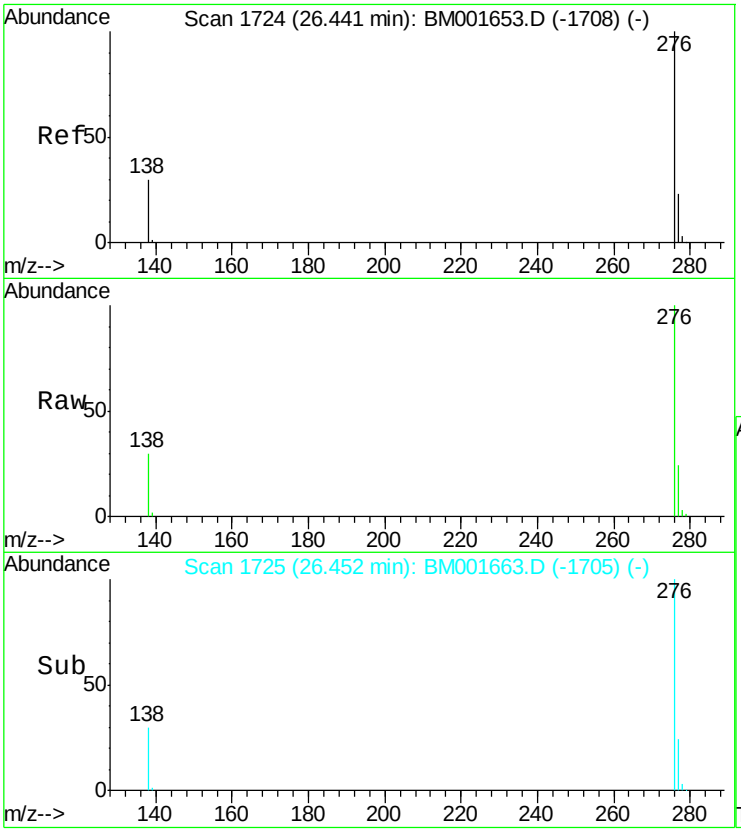


#36
Dibenzo(a,h)anthracene
Concen: 3.47 ng
RT: 25.77 min Scan# 1660
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Tgt Ion:278 Resp: 42413

Ion	Ratio	Lower	Upper
278	100		
139	23.6	19.1	28.7
279	24.8	19.7	29.5





#37
Benzo(g,h,i)perylene
Concen: 8.17 ng
RT: 26.45 min Scan# 1725
Delta R.T. 0.01 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Instrument :
BNA_M
ClientSampleId :
FM2AMS

Tgt Ion:276 Resp: 101703

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	30.0	25.0	37.4