Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM061915\NEW FOLDER\
Data File : BM001750.D
Acq On : 18 Jun 2015 23:11
Operator : TP/IZ
Sample : PB84083BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jun 19 09:12:21 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-BM061915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 05:05:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	14977	5.00	ng		0.00
6) Naphthalene-d8	10.46	136	57036	5.00	ng		0.00
12) Acenaphthene-d10	14.32	164	29210	5.00	ng		0.00
18) Phenanthrene-d10	17.06	188	75361	5.00	ng		0.00
25) Chrysene-d12	21.25	240	52666	5.00	ng		0.00
32) Perylene-d12	23.47	264	45945	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	42746	12.21	ng		0.00
5) Phenol-d6	6.83	99	58440	12.97	ng		0.00
7) Nitrobenzene-d5	8.83	82	37161	8.35	ng		0.00
13) 2,4,6-Tribromophenol	15.80	330	14619	16.03	ng		0.00
14) 2-Fluorobiphenyl	12.94	172	78720	7.54	ng		0.00
27) Terphenyl-d14	19.70	244	57959	7.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	12236	7.17	ng		95
3) n-Nitrosodimethylamine	3.48	42	22116	8.39	ng		94
8) Nitrobenzene	8.86	77	42074	8.79	ng		98
9) Naphthalene	10.49	128	106727	7.66	ng		99
10) Hexachlorobutadiene	10.78	225	17879	7.62	ng		99
11) 2-Methylnaphthalene	12.12	142	72030	8.12	ng		99
15) Acenaphthylene	14.03	152	119138	8.58	ng		99
16) Acenaphthene	14.37	154	69638	8.01	ng		97
17) Fluorene	15.36	166	71522	9.59	ng		97
19) 4-Bromophenyl-phenylether	16.24	248	26355	8.53	ng		92
20) Hexachlorobenzene	16.38	284	16279	7.66	ng	#	100
21) Pentachlorophenol	16.72	266	177051	187.28	ng		94
22) Phenanthrene	17.09	178	195803	7.58	ng		98
23) Anthracene	17.19	178	77420	7.10	ng	#	94
24) Fluoranthene	19.12	202	141947	8.72	ng		100
26) Pyrene	19.48	202	155673	8.49	ng		100
28) Benzo(a)anthracene	21.24	228	131361	8.28	ng		97
29) Chrysene	21.28	228	127770	7.66	ng		96
30) Bis(2-ethylhexyl)phthalate	21.16	149	99731	10.89	ng		98
31) Indeno(1,2,3-cd)pyrene	25.70	276	132790	8.28	ng		99
33) Benzo(b)fluoranthene	22.79	252	135086	8.96	ng		95
34) Benzo(k)fluoranthene	22.84	252	108478	8.04	ng		98
35) Benzo(a)pyrene	23.37	252	115103	9.07	ng		97
36) Dibenzo(a,h)anthracene	25.72	278	107205	8.53	ng		98
37) Benzo(g,h,i)perylene	26.39	276	110665	8.37	ng		99

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

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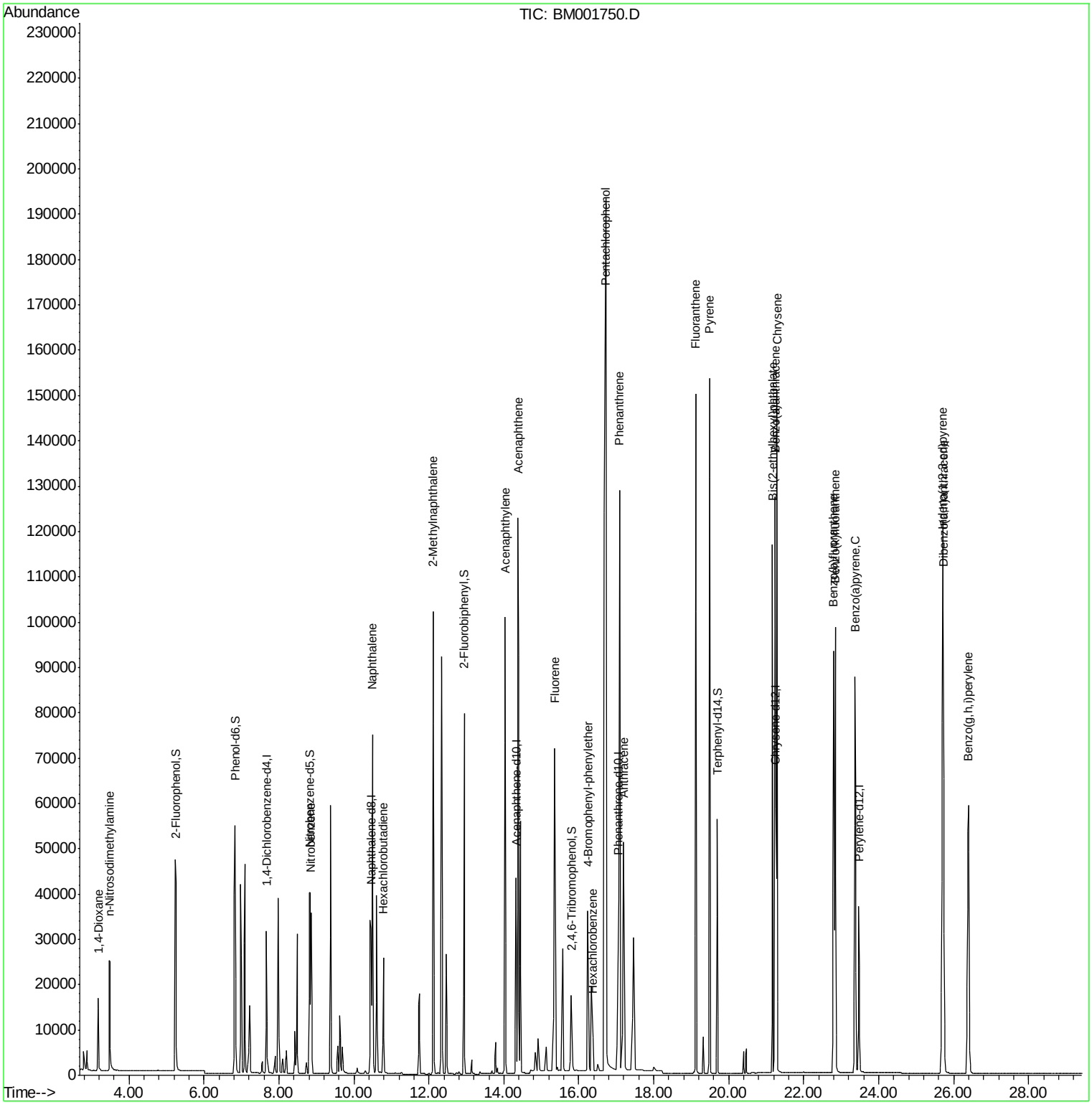
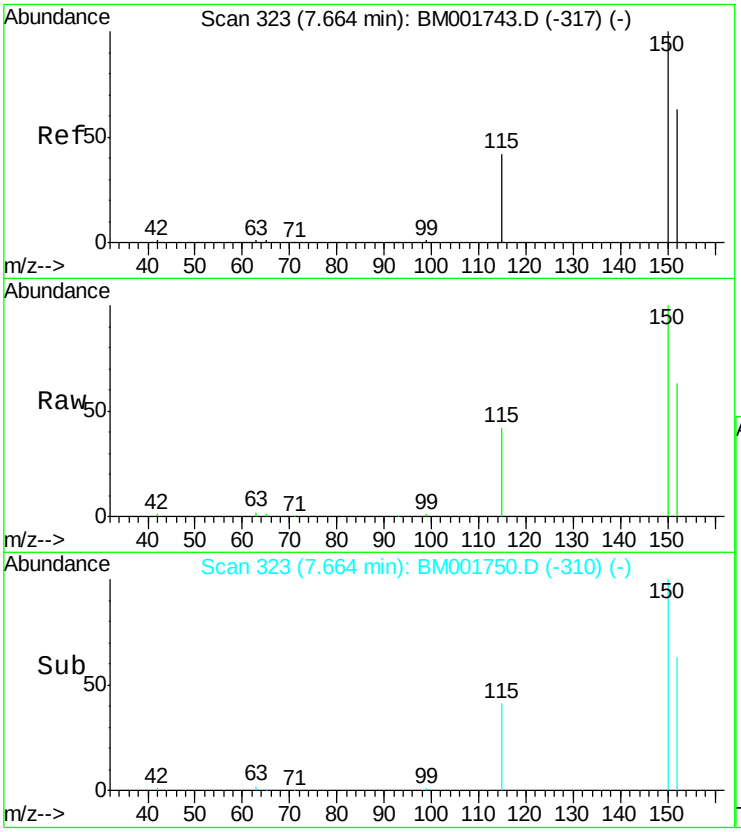


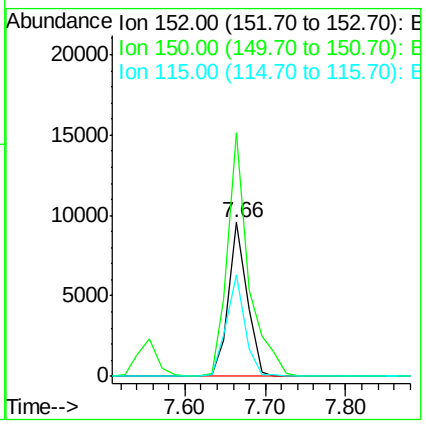


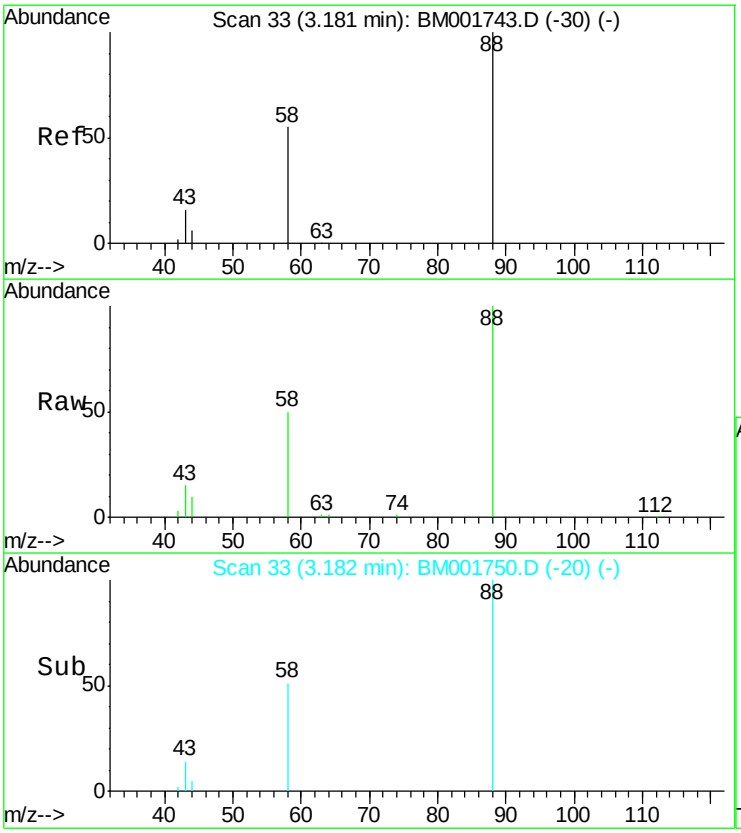
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.66 min Scan# 323
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 14977

Ion	Ratio	Lower	Upper
152	100		
150	158.5	127.5	191.3
115	65.8	53.2	79.8

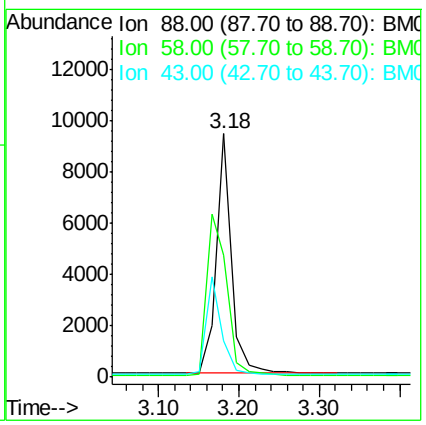


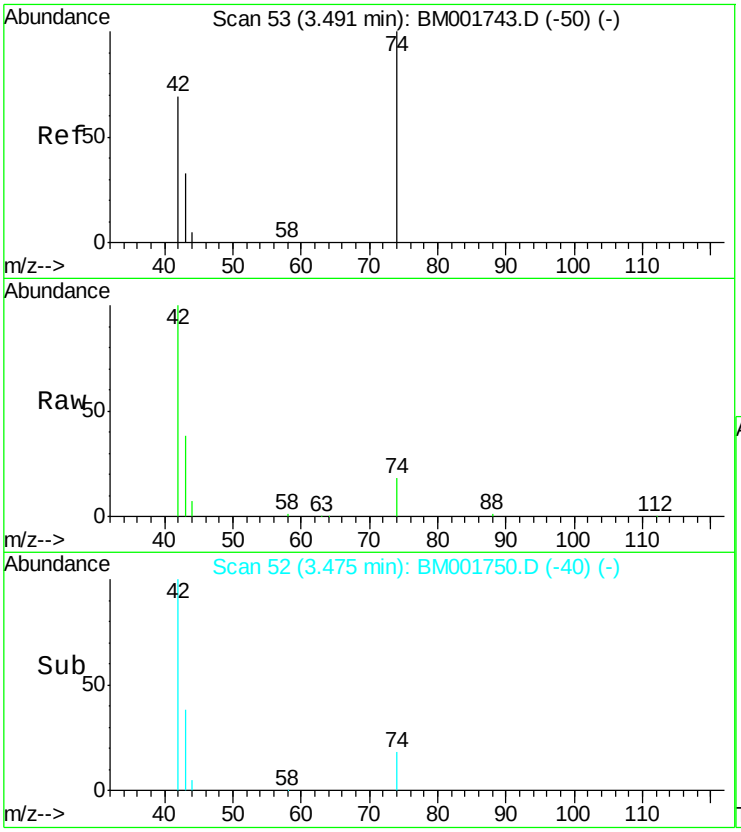


#2
1,4-Dioxane
Concen: 7.17 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Tgt Ion: 88 Resp: 12236

Ion	Ratio	Lower	Upper
88	100		
58	90.5	68.3	102.5
43	42.8	32.6	48.8



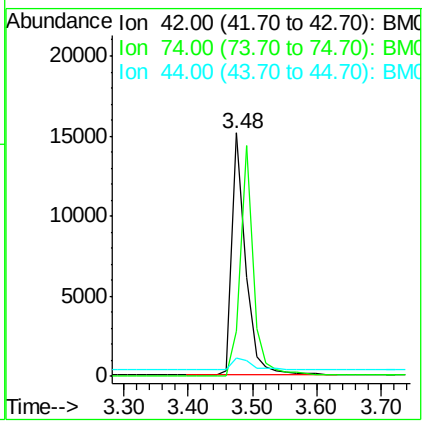


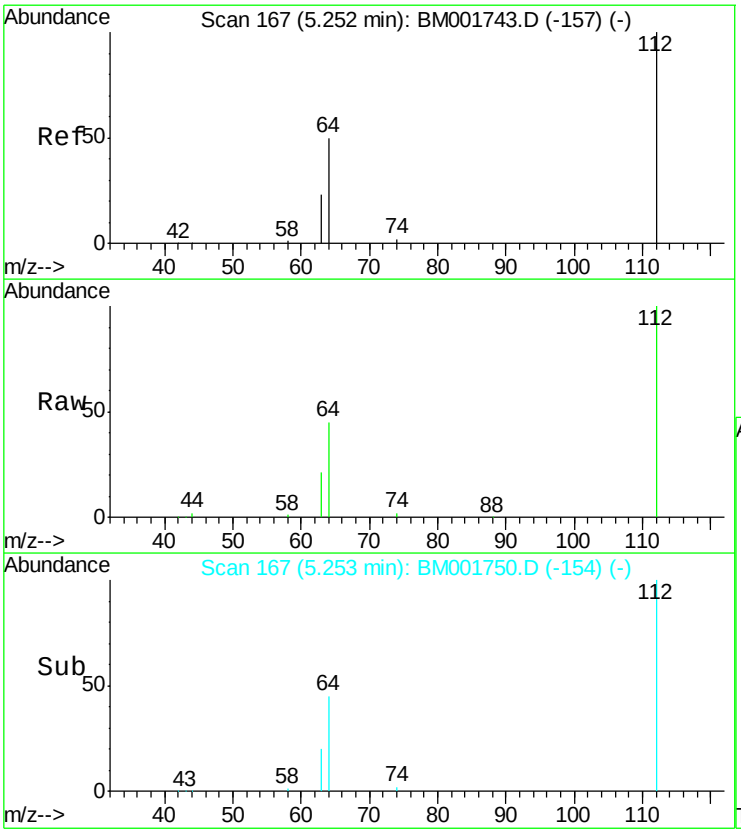
#3
n-Nitrosodimethylamine
Concen: 8.39 ng
RT: 3.48 min Scan# 52
Delta R.T. -0.02 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 42 Resp: 22116

Ion	Ratio	Lower	Upper
42	100		
74	92.2	78.6	118.0
44	6.0	5.0	7.6

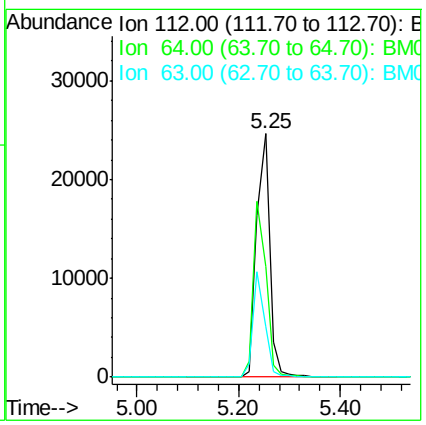


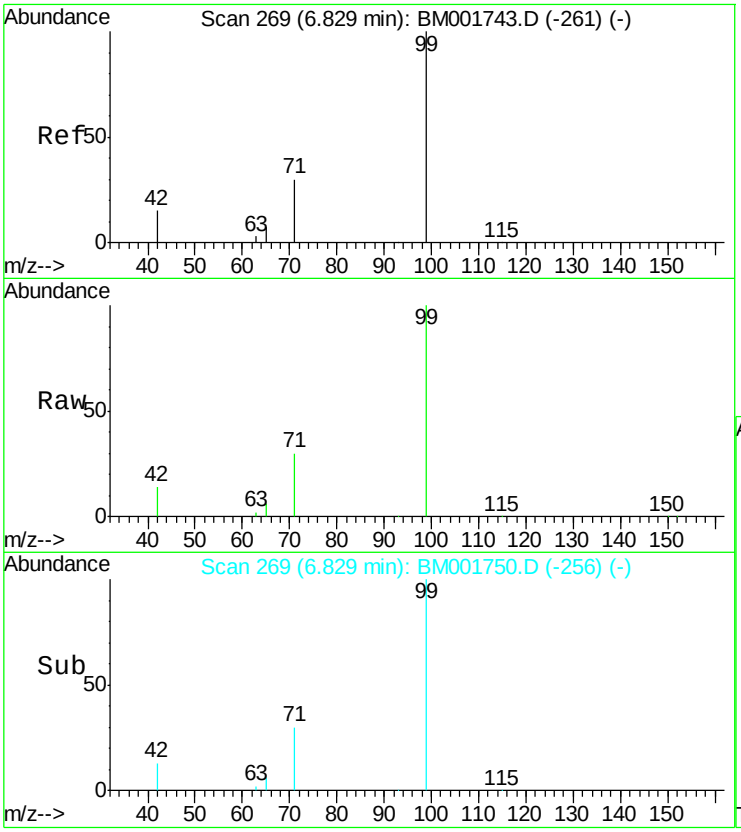


#4
2-Fluorophenol
Concen: 12.21 ng
RT: 5.25 min Scan# 167
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Tgt Ion:112 Resp: 42746

Ion	Ratio	Lower	Upper
112	100		
64	69.9	55.6	83.4
63	38.6	30.2	45.2



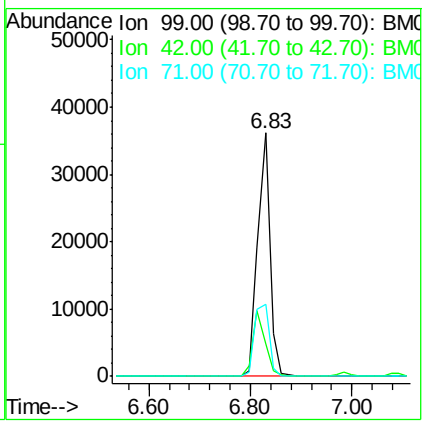


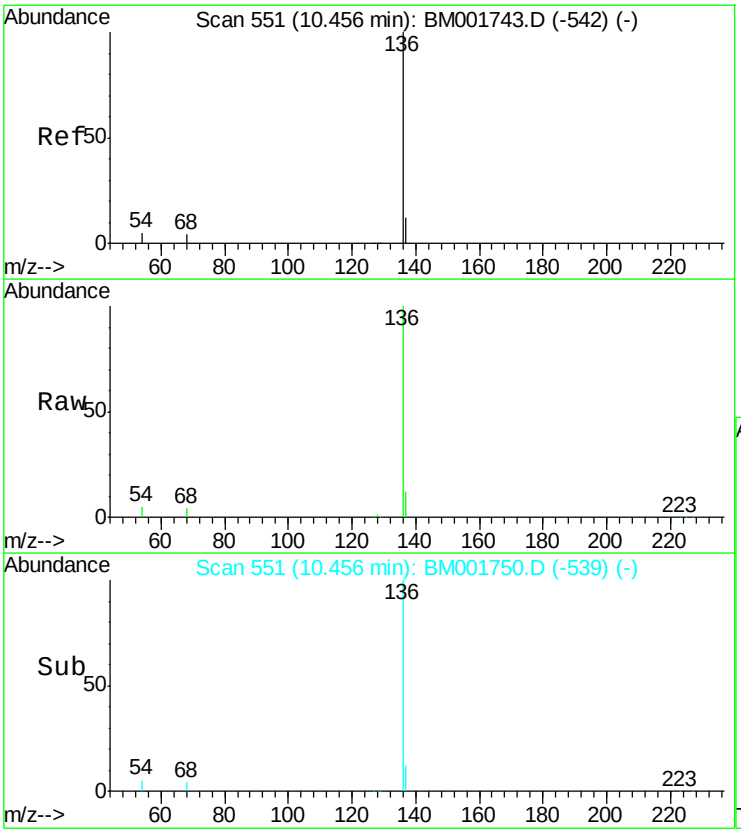
#5
Phenol-d6
Concen: 12.97 ng
RT: 6.83 min Scan# 269
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 58440

Ion	Ratio	Lower	Upper
99	100		
42	27.0	21.4	32.0
71	36.1	28.3	42.5

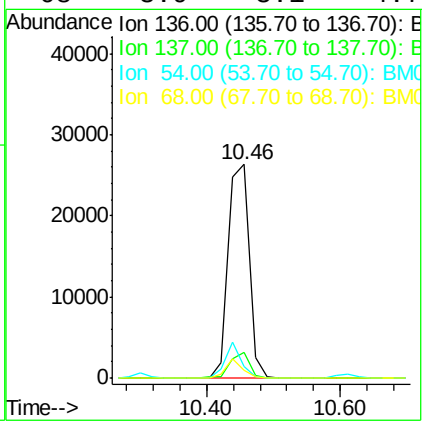


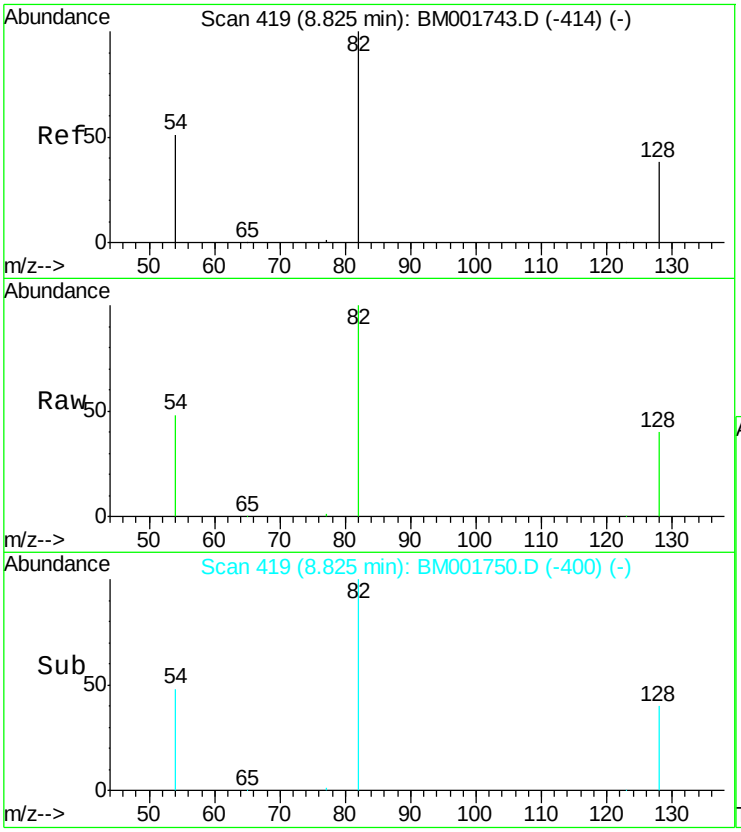


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.46 min Scan# 551
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Tgt Ion:136 Resp: 57036

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.0
54	5.5	4.4	6.6
68	3.9	3.1	4.7



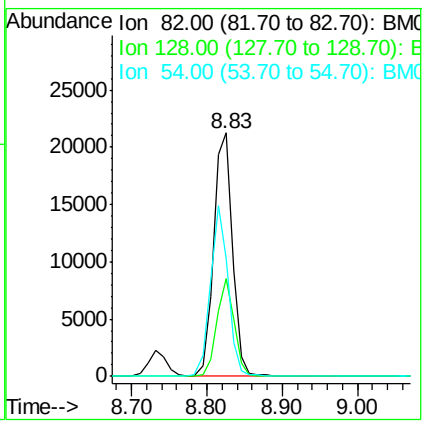


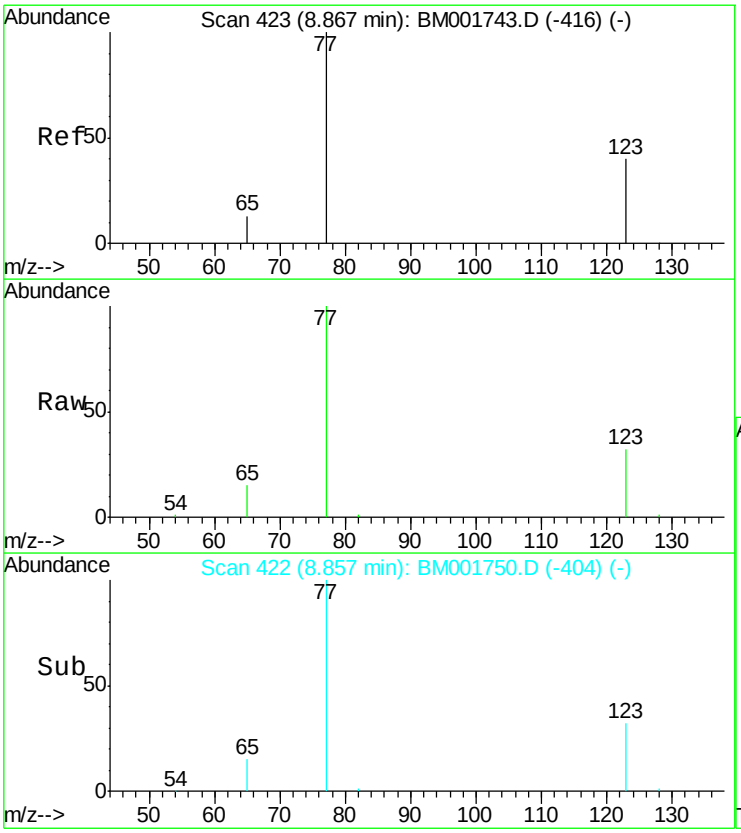
#7
Nitrobenzene-d5
Concen: 8.35 ng
RT: 8.83 min Scan# 419
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 37161

Ion	Ratio	Lower	Upper
82	100		
128	40.0	31.3	46.9
54	48.4	41.9	62.9

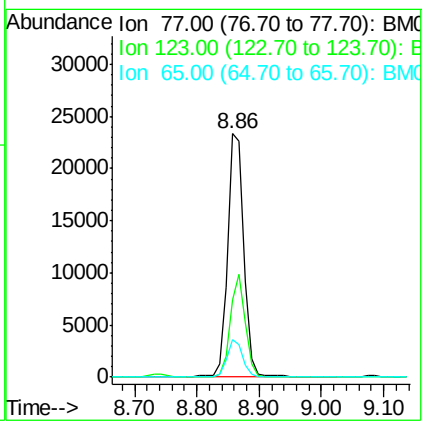


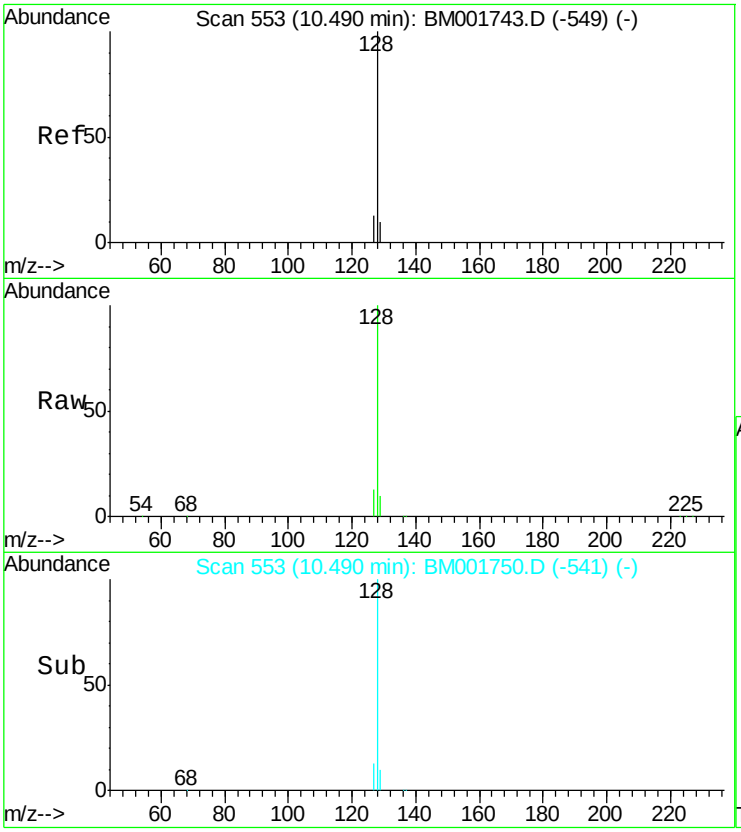


#8
Nitrobenzene
Concen: 8.79 ng
RT: 8.86 min Scan# 422
Delta R.T. -0.01 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Tgt Ion: 77 Resp: 42074

Ion	Ratio	Lower	Upper
77	100		
123	38.7	30.1	45.1
65	14.5	11.3	16.9



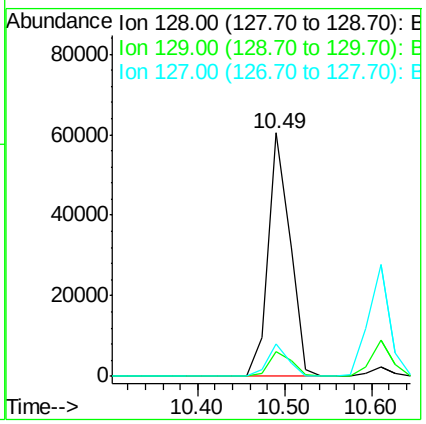


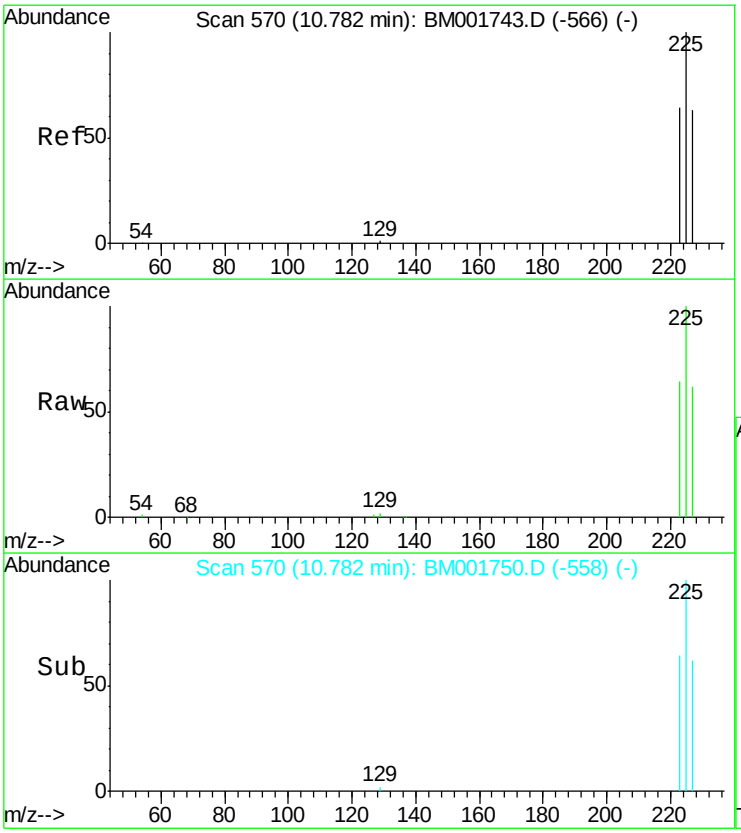
#9
Naphthalene
Concen: 7.66 ng
RT: 10.49 min Scan# 553
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 106727

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.7	13.1
127	13.3	11.2	16.8

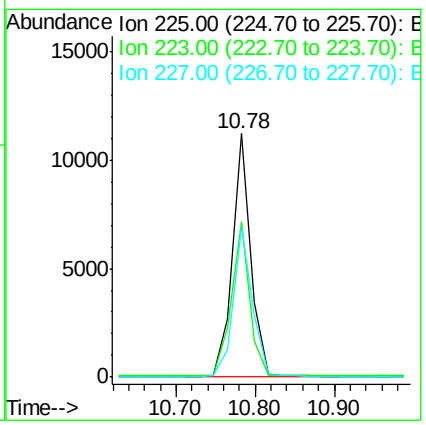


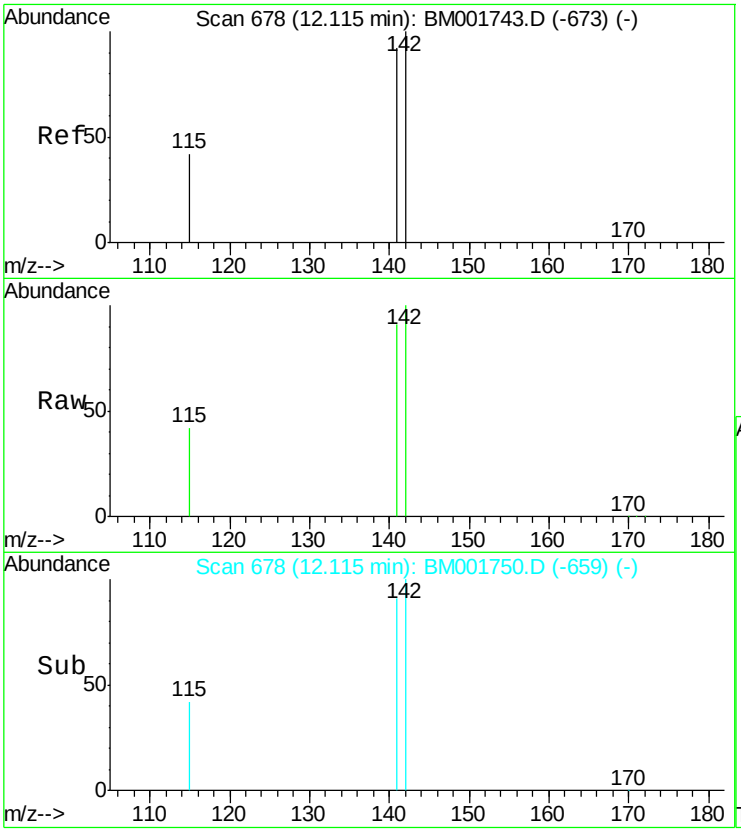


#10
Hexachlorobutadiene
Concen: 7.62 ng
RT: 10.78 min Scan# 570
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Tgt Ion:225 Resp: 17879

Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.0	76.4
227	63.4	51.8	77.8



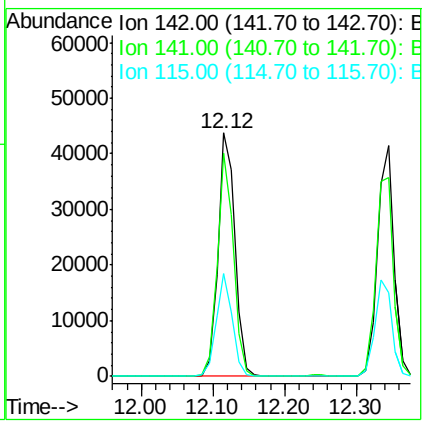


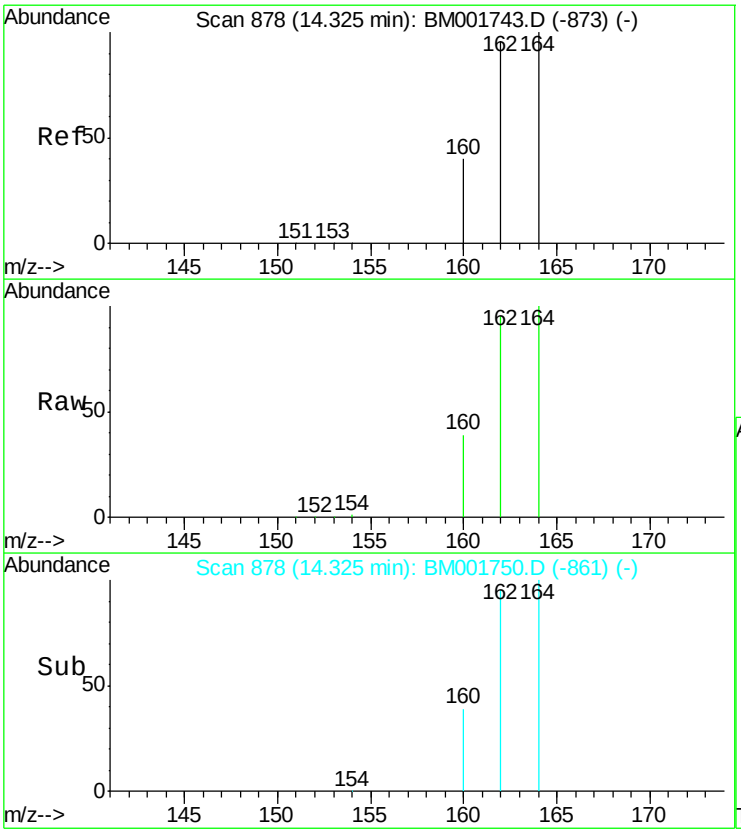
#11
2-Methylnaphthalene
Concen: 8.12 ng
RT: 12.12 min Scan# 678
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 72030

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.6	110.4
115	42.2	34.1	51.1

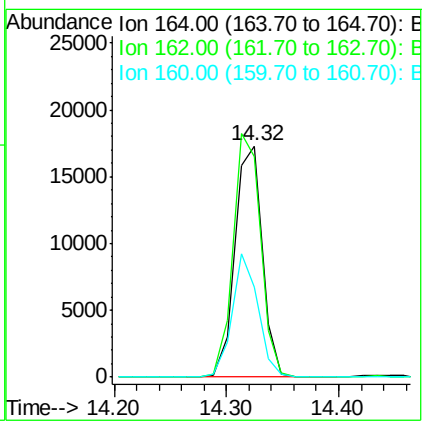


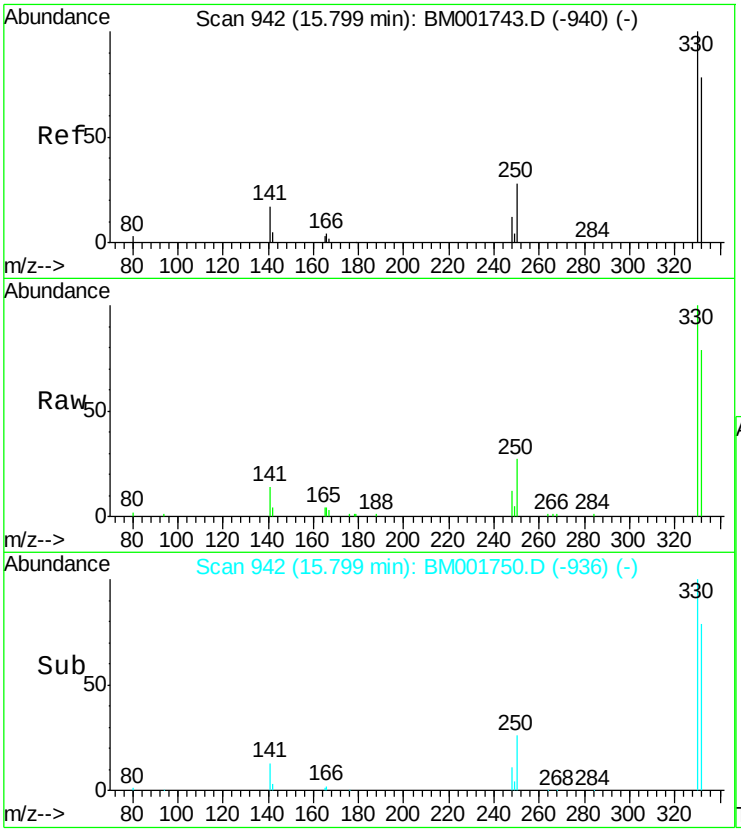


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.32 min Scan# 878
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Tgt Ion:164 Resp: 29210

Ion	Ratio	Lower	Upper
164	100		
162	95.1	76.6	114.8
160	39.2	31.8	47.8



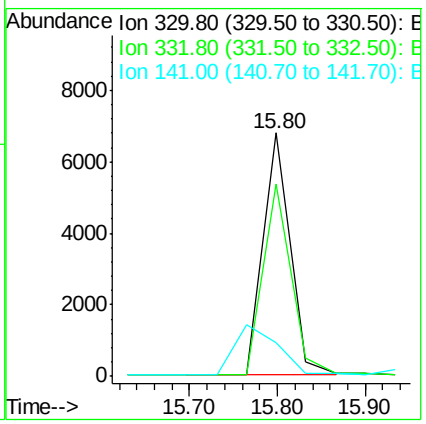


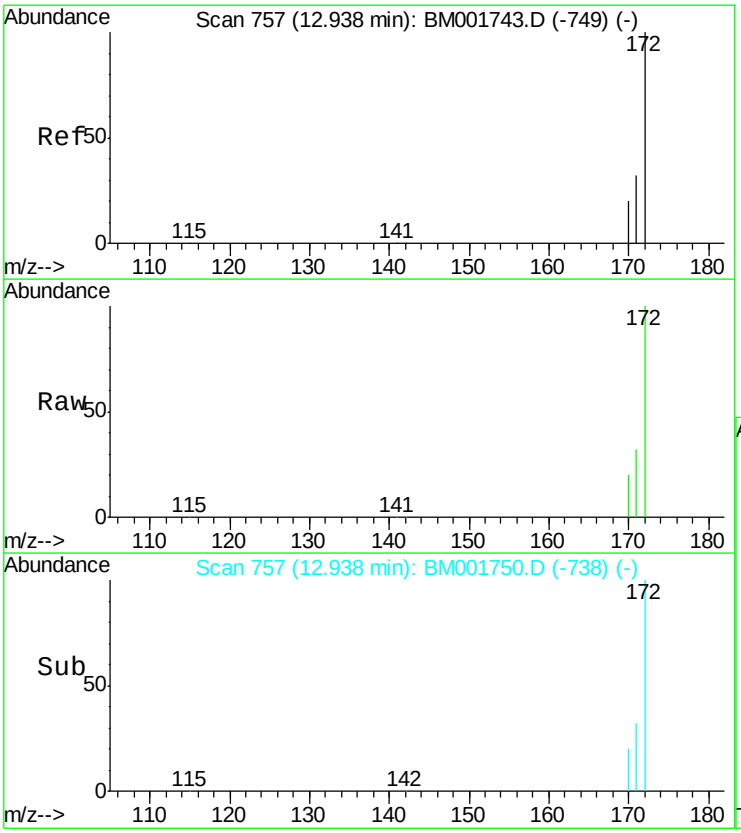
#13
2,4,6-Tribromophenol
Concen: 16.03 ng
RT: 15.80 min Scan# 942
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 14619

Ion	Ratio	Lower	Upper
330	100		
332	81.9	65.8	98.8
141	0.0	0.0	0.0

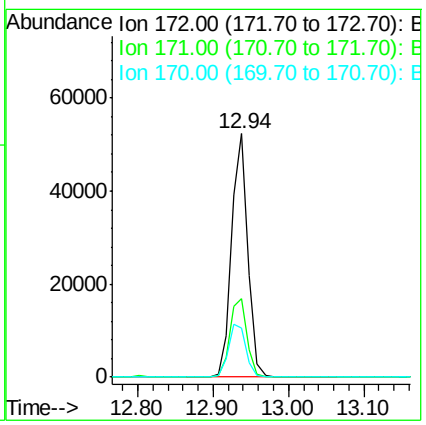


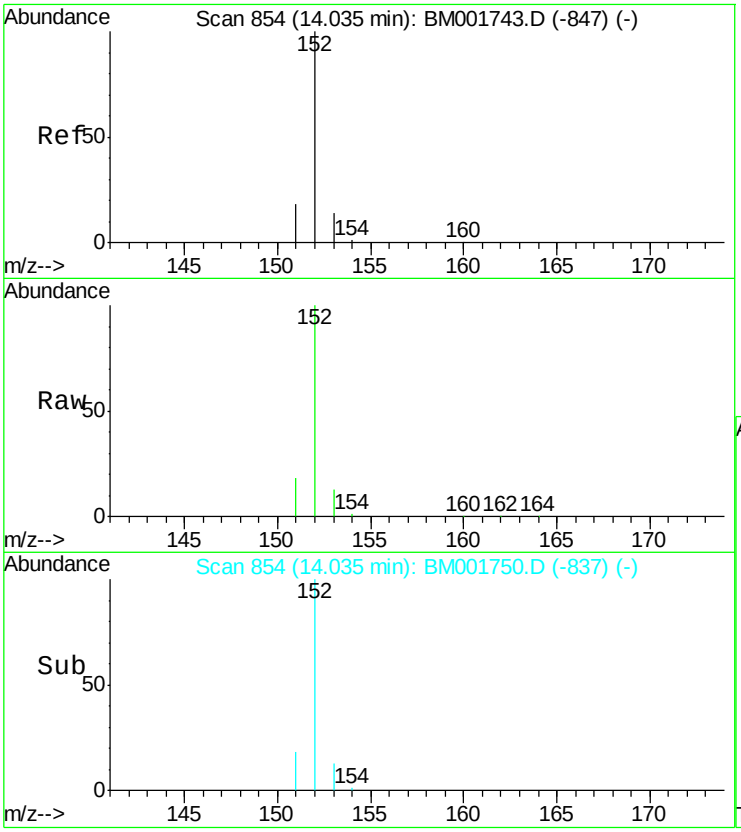


#14
2-Fluorobiphenyl
Concen: 7.54 ng
RT: 12.94 min Scan# 757
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Tgt Ion:172 Resp: 78720

Ion	Ratio	Lower	Upper
172	100		
171	32.0	26.2	39.2
170	20.0	16.6	24.8



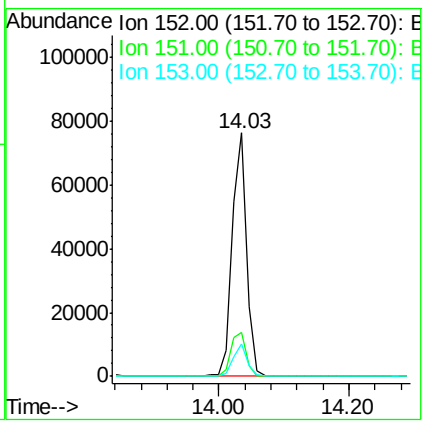


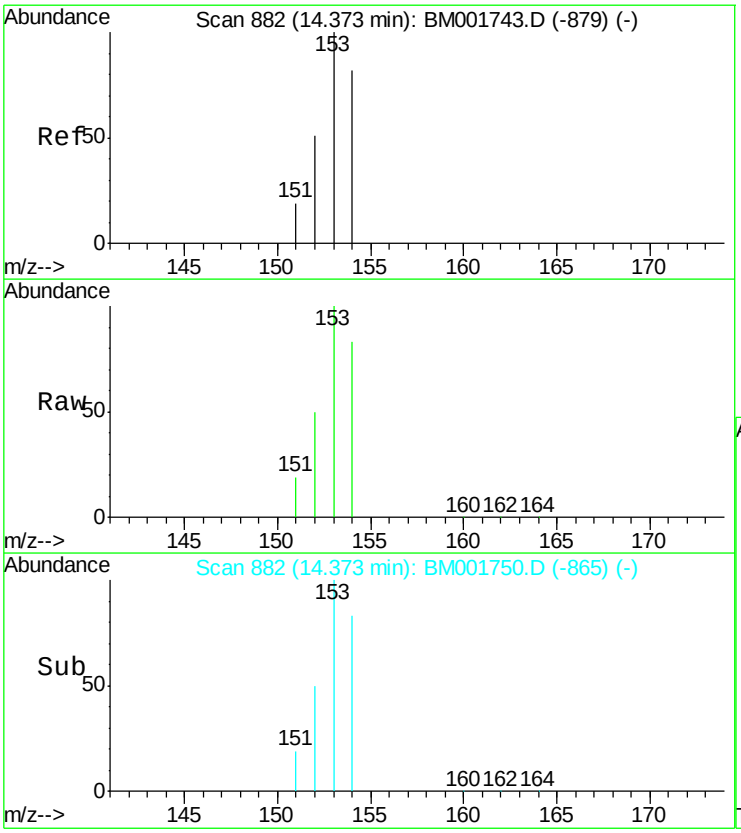
#15
Acenaphthylene
Concen: 8.58 ng
RT: 14.03 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 119138

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2
153	12.7	10.4	15.6

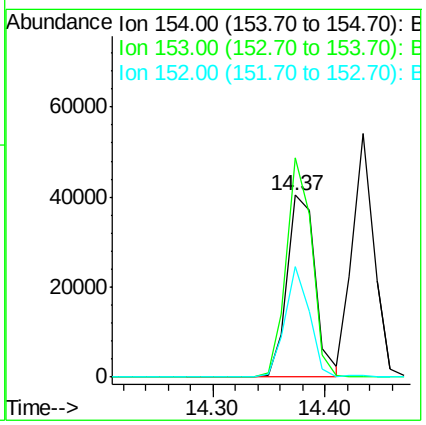


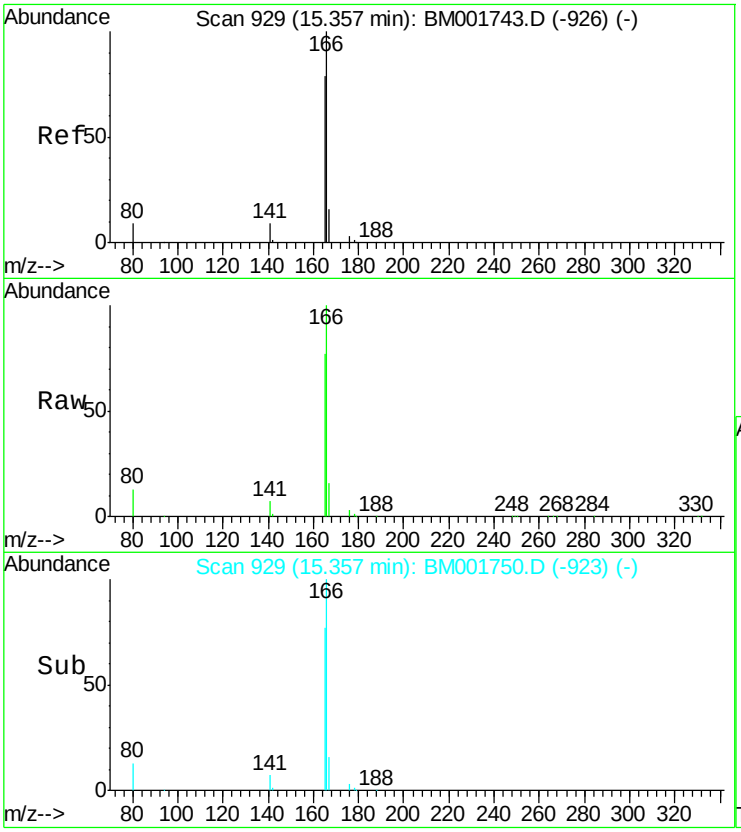


#16
Acenaphthene
Concen: 8.01 ng
RT: 14.37 min Scan# 882
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Tgt Ion:154 Resp: 69638

Ion	Ratio	Lower	Upper
154	100		
153	109.4	90.0	135.0
152	52.8	44.2	66.4



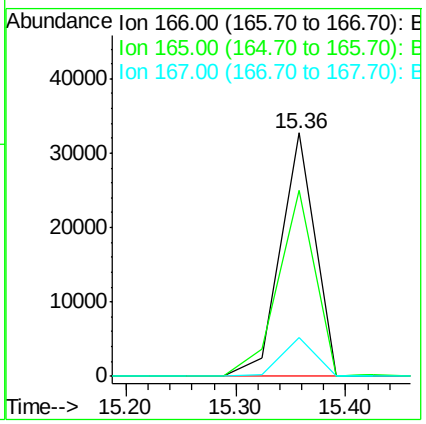


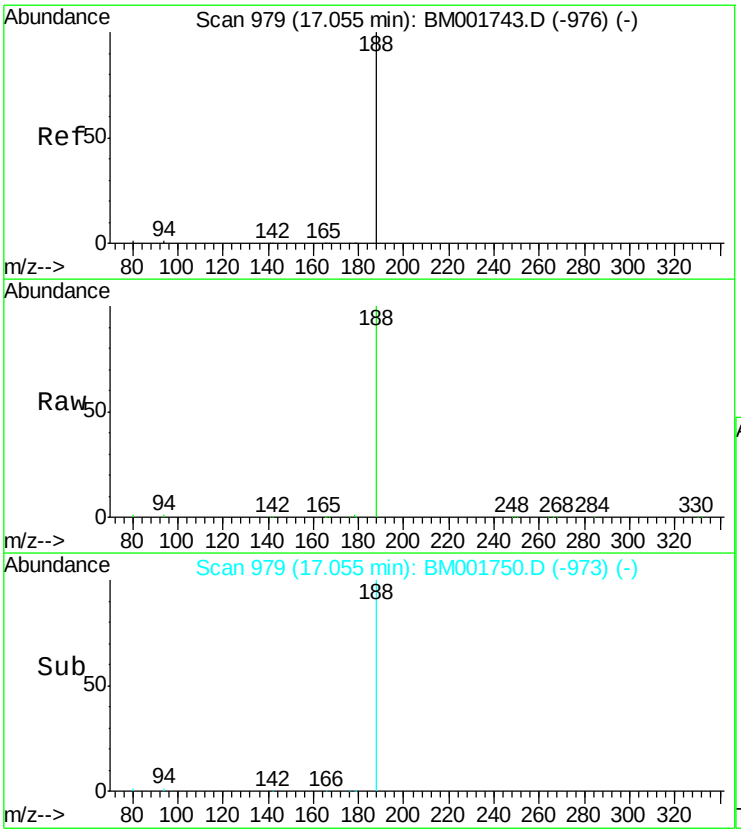
#17
Fluorene
Concen: 9.59 ng
RT: 15.36 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 71522

Ion	Ratio	Lower	Upper
166	100		
165	81.7	68.2	102.2
167	15.3	12.2	18.2

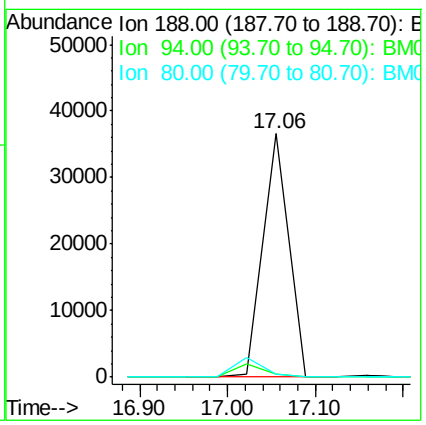


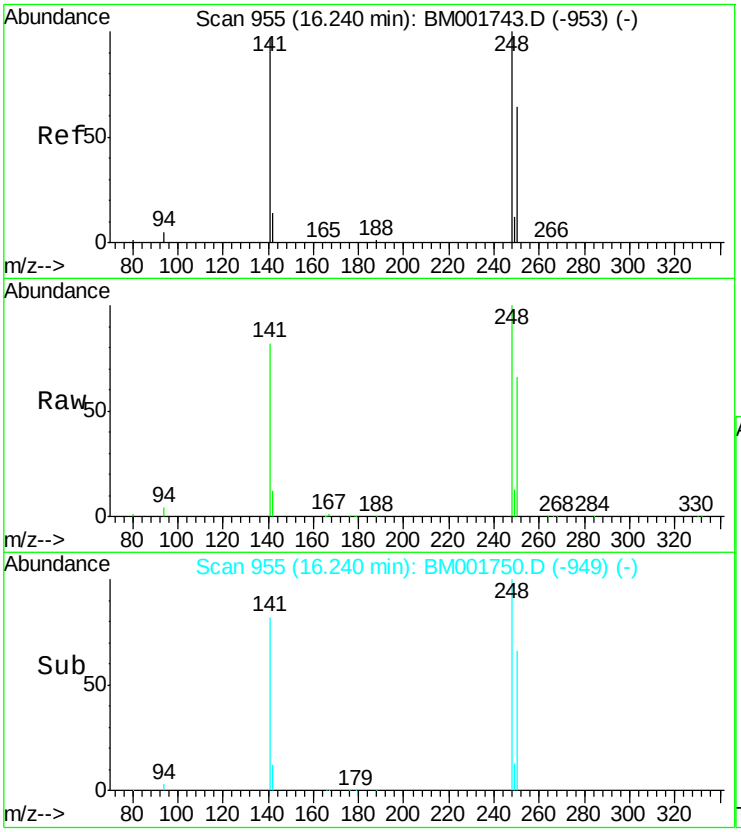


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Tgt Ion:188 Resp: 75361

Ion	Ratio	Lower	Upper
188	100		
94	1.4	1.3	1.9
80	1.2	1.0	1.6



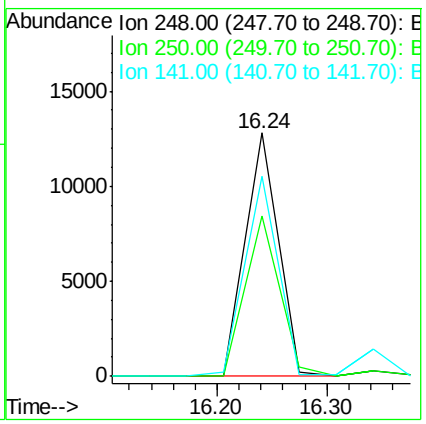


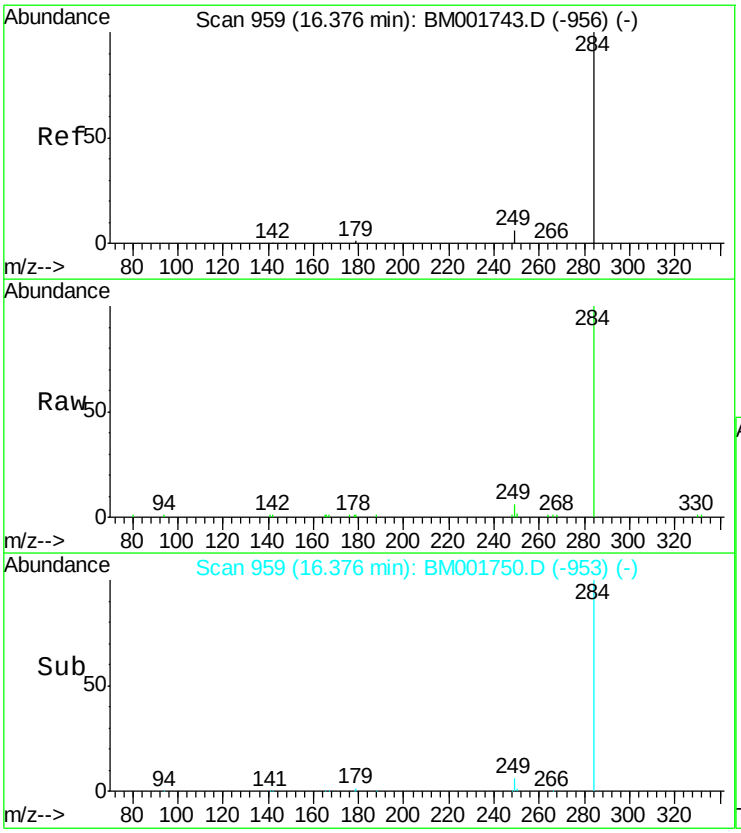
#19
4-Bromophenyl-phenylether
Concen: 8.53 ng
RT: 16.24 min Scan# 955
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:248 Resp: 26355

Ion	Ratio	Lower	Upper
248	100		
250	68.4	54.8	82.2
141	82.6	76.2	114.4

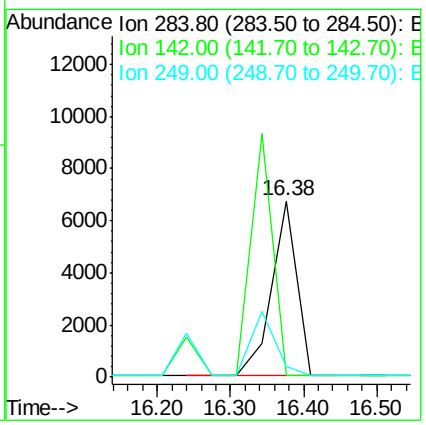


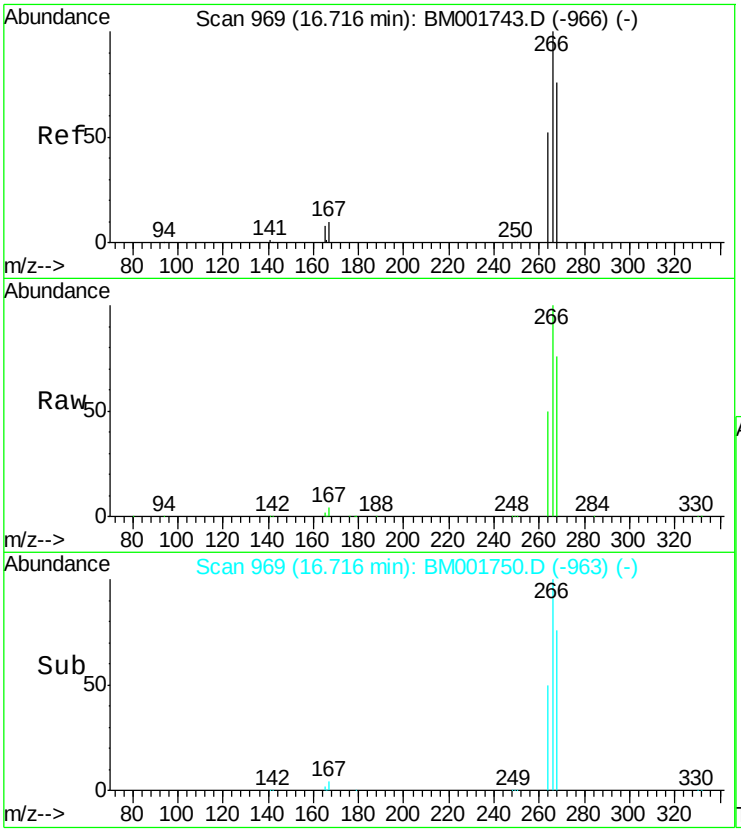


#20
Hexachlorobenzene
Concen: 7.66 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Tgt Ion:284 Resp: 16279

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0



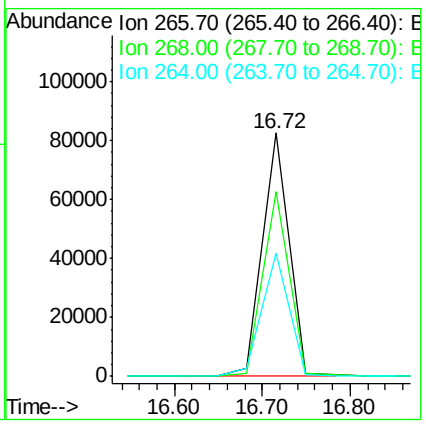


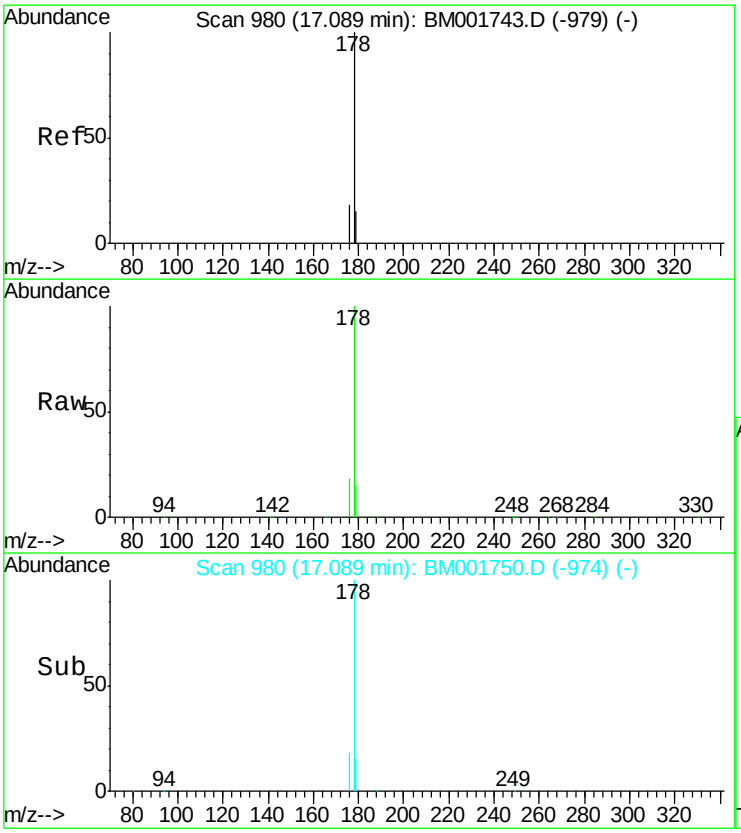
#21
Pentachlorophenol
Concen: 187.28 ng
RT: 16.72 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 177051

Ion	Ratio	Lower	Upper
266	100		
268	75.8	63.2	94.8
264	50.4	46.2	69.2

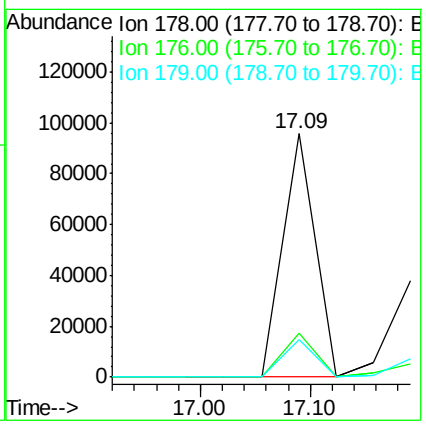


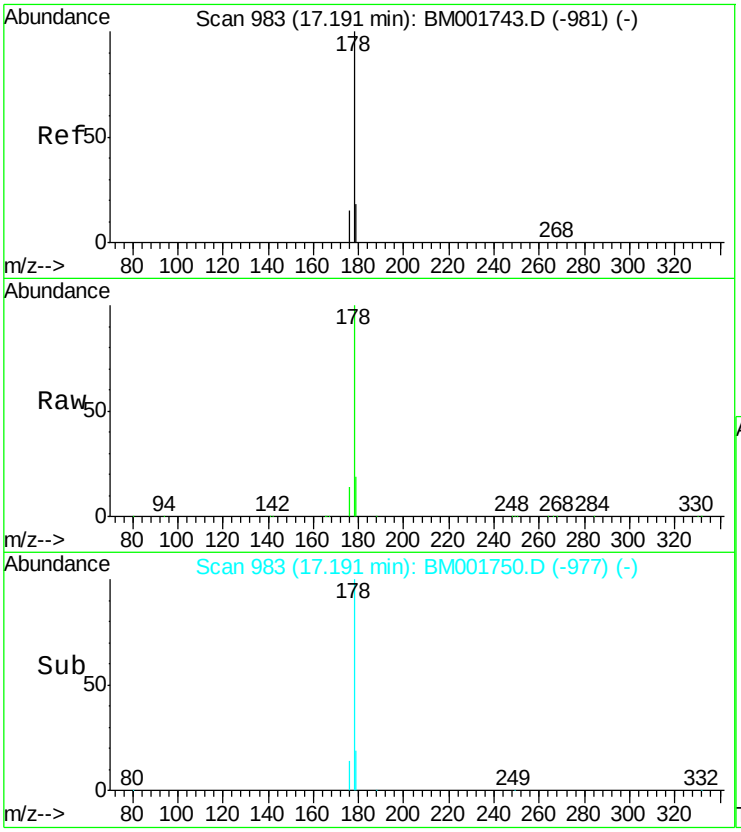


#22
Phenanthrene
Concen: 7.58 ng
RT: 17.09 min Scan# 980
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Tgt Ion:178 Resp: 195803

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.3	12.6	19.0



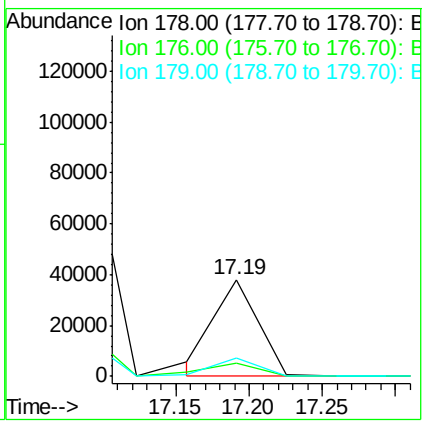


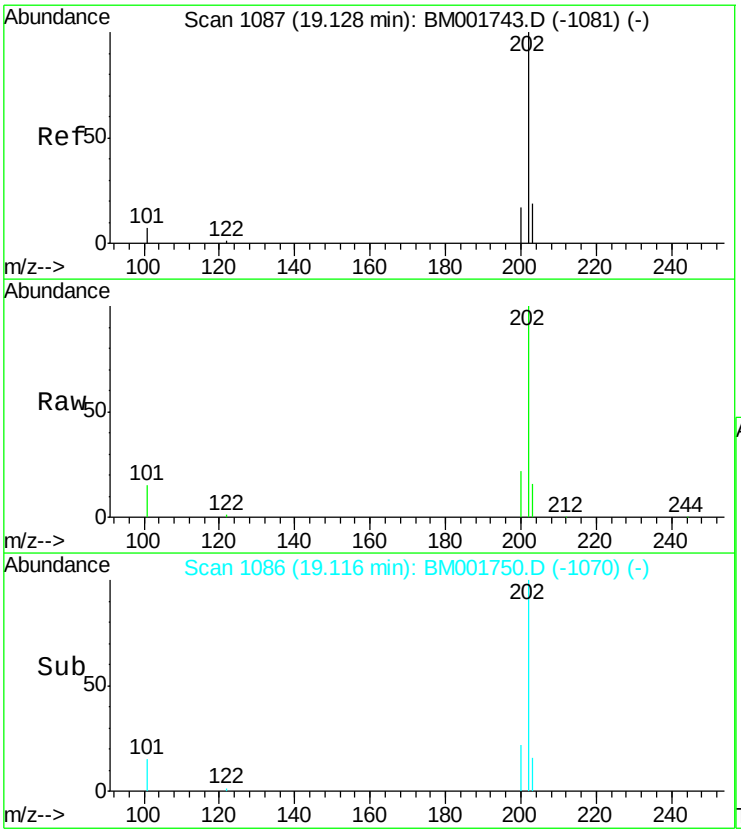
#23
Anthracene
Concen: 7.10 ng
RT: 17.19 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 77420

Ion	Ratio	Lower	Upper
178	100		
176	13.9	10.0	15.0
179	18.7	12.3	18.5#

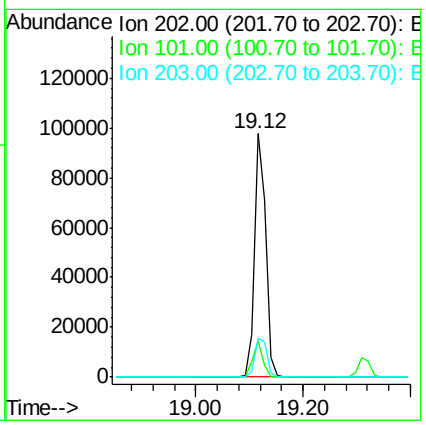


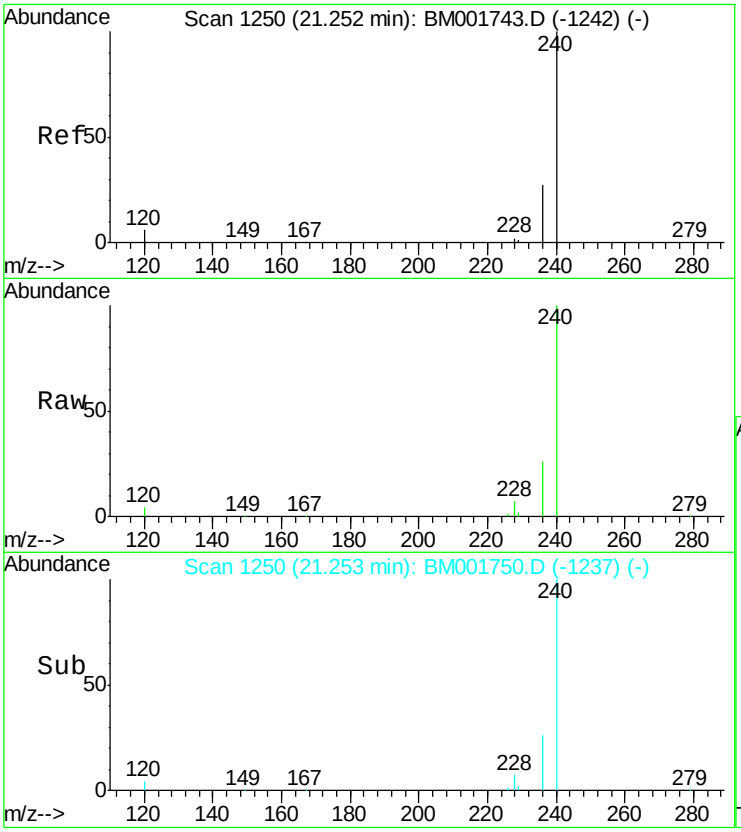


#24
Fluoranthene
Concen: 8.72 ng
RT: 19.12 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Tgt Ion:202 Resp: 141947

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.8	16.2
203	17.5	13.8	20.6



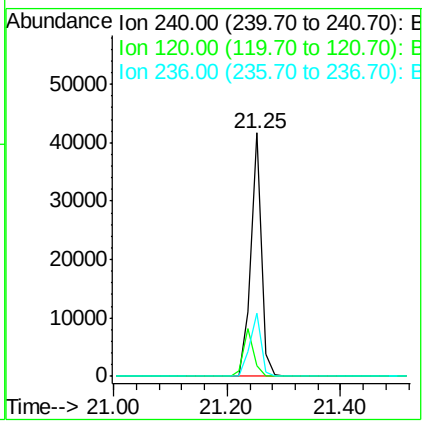


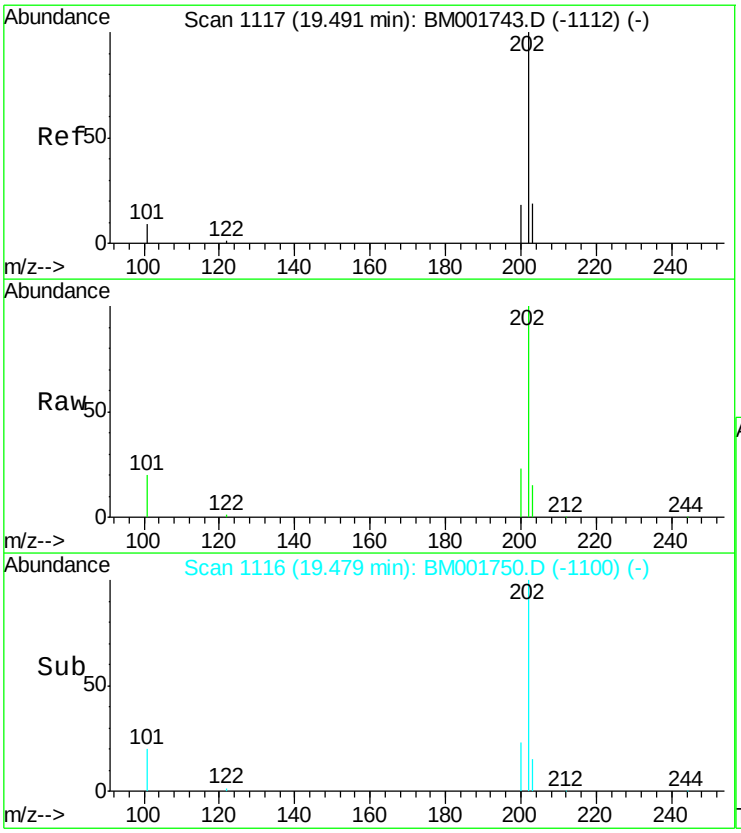
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 52666

Ion	Ratio	Lower	Upper
240	100		
120	4.1	4.7	7.1#
236	25.9	21.6	32.4

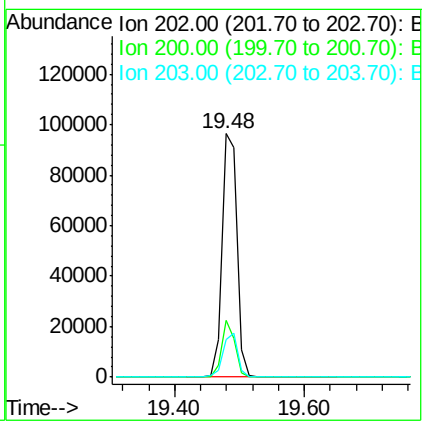


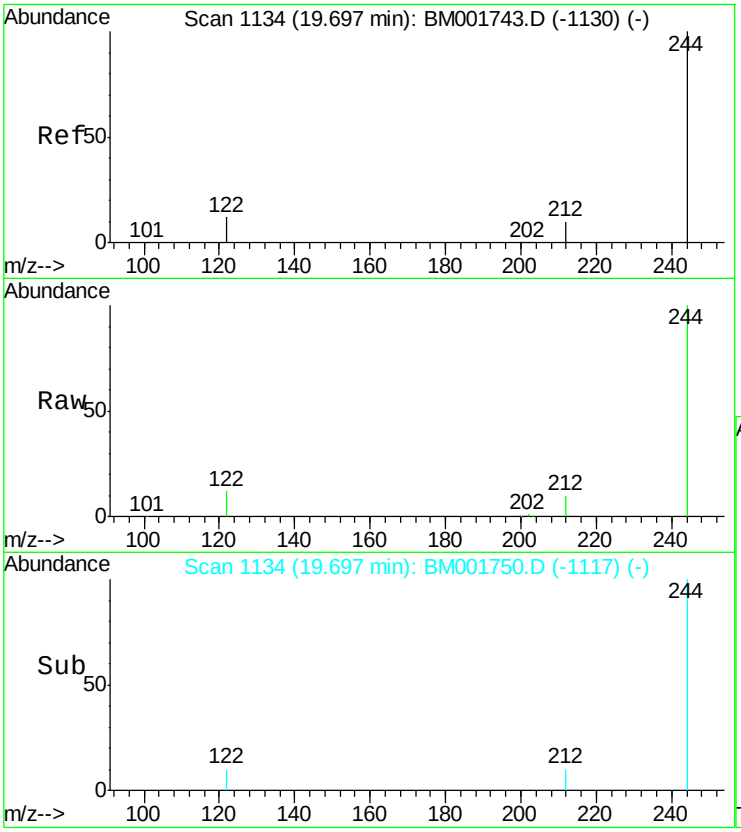


#26
Pyrene
Concen: 8.49 ng
RT: 19.48 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Tgt Ion:202 Resp: 155673

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.7	13.9	20.9



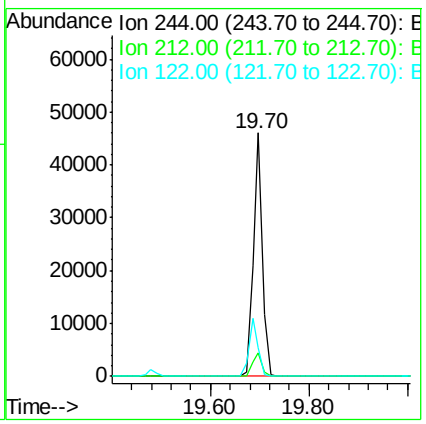


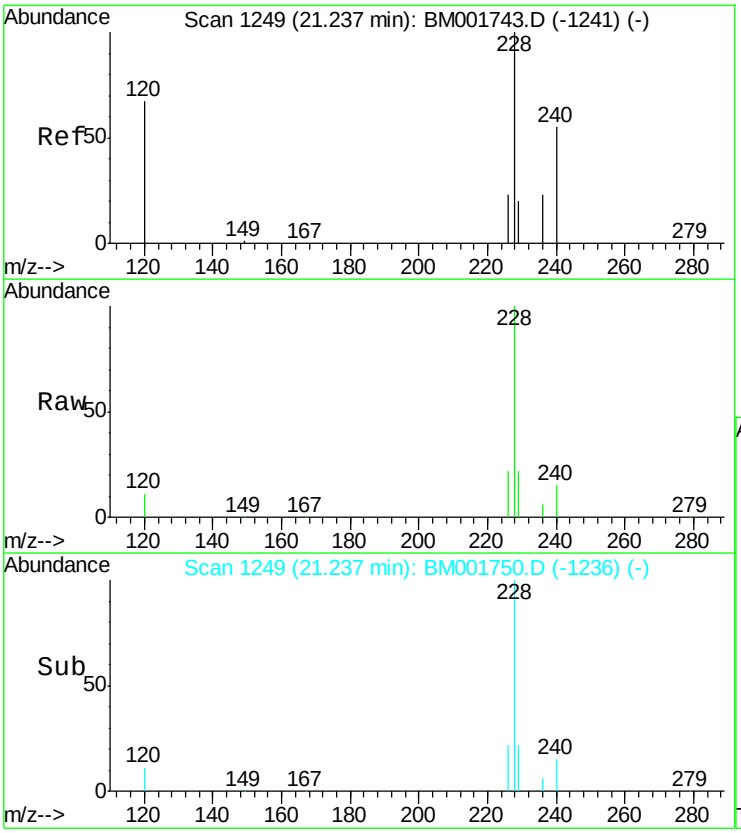
#27
Terphenyl-d14
Concen: 7.47 ng
RT: 19.70 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 57959

Ion	Ratio	Lower	Upper
244	100		
212	9.9	8.6	13.0
122	11.7	10.6	15.8

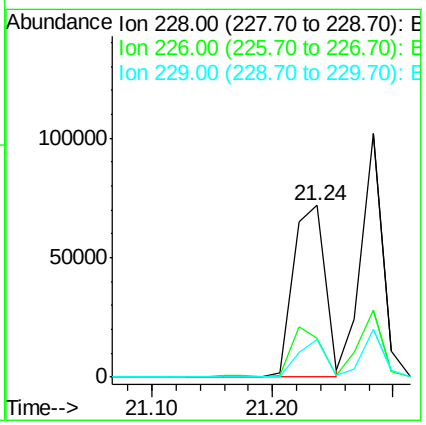


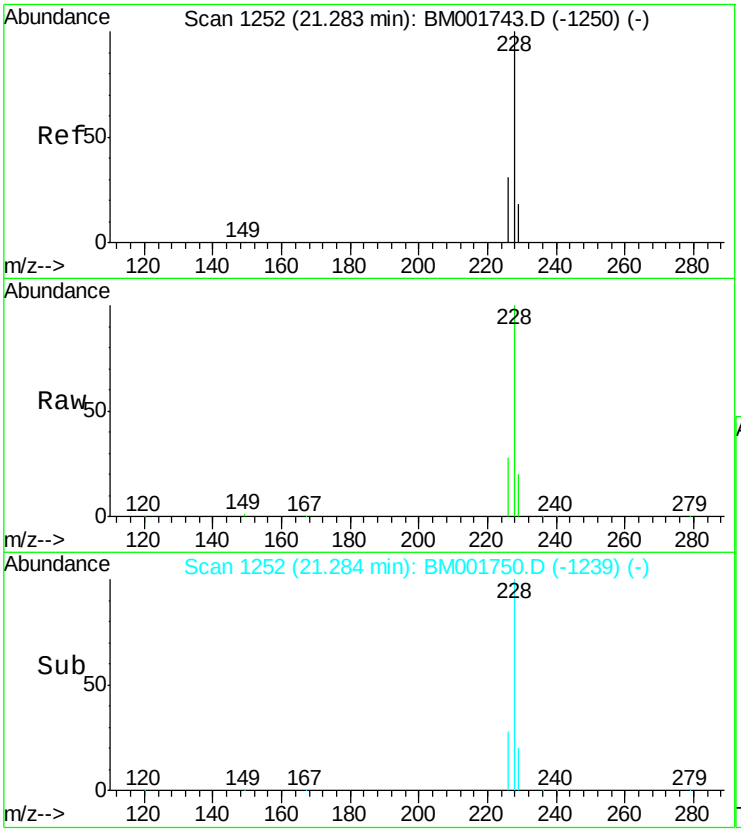


#28
Benzo(a)anthracene
Concen: 8.28 ng
RT: 21.24 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Tgt Ion:228 Resp: 131361

Ion	Ratio	Lower	Upper
228	100		
226	22.4	18.9	28.3
229	22.2	16.6	25.0



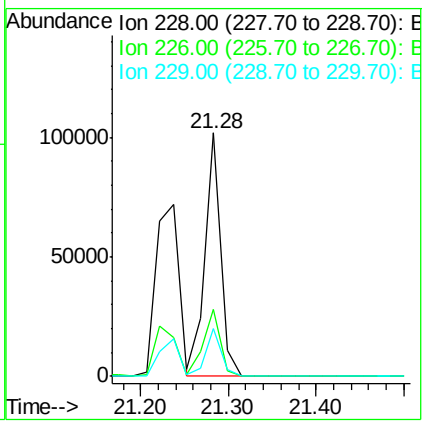


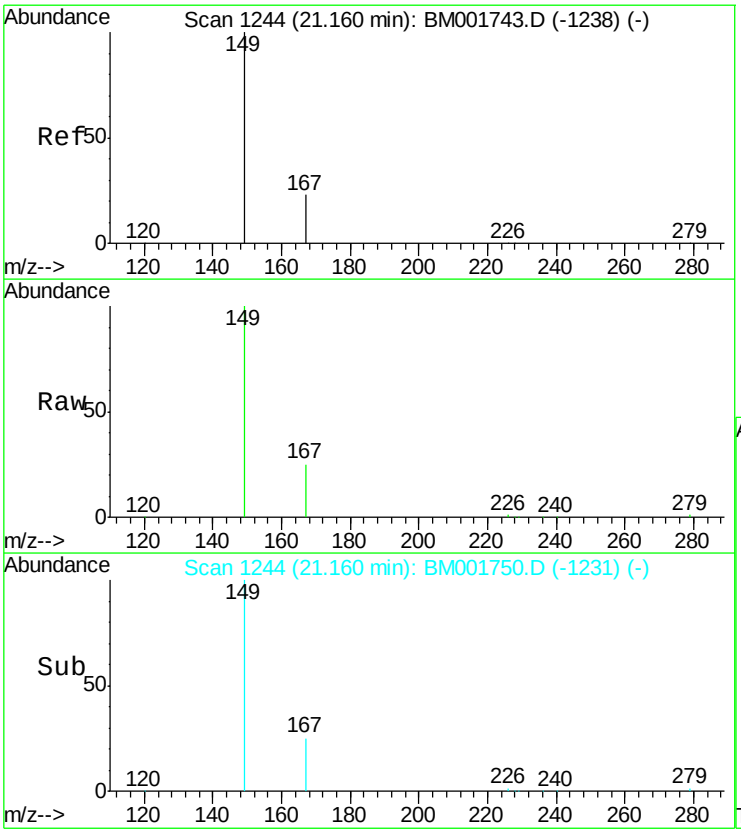
#29
Chrysene
Concen: 7.66 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 127770

Ion	Ratio	Lower	Upper
228	100		
226	27.7	24.3	36.5
229	19.9	15.0	22.6

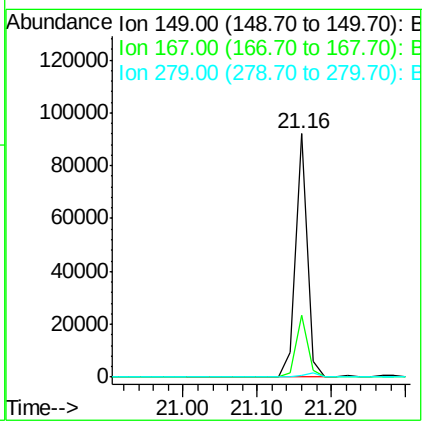


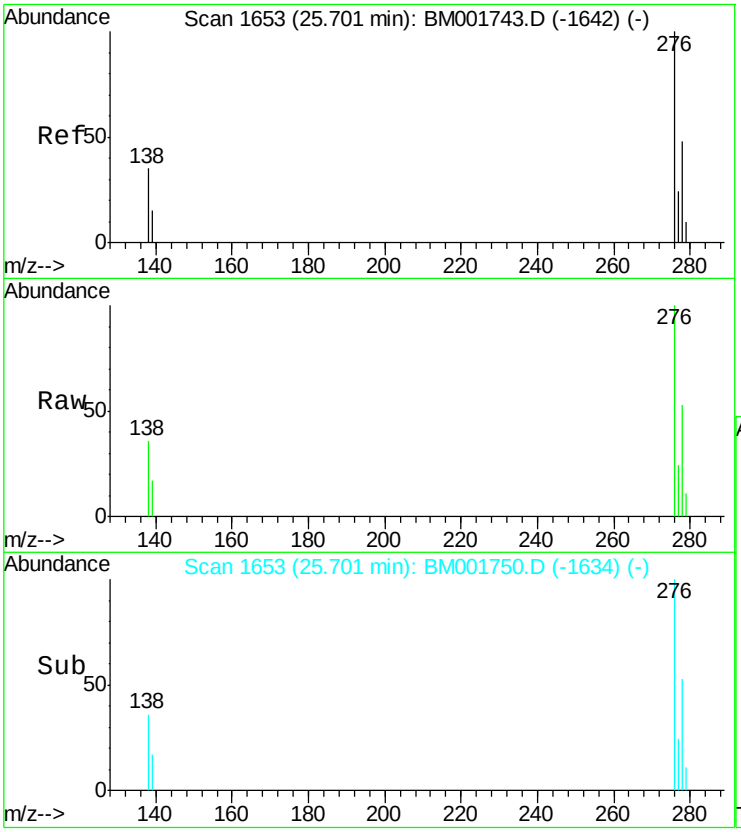


#30
Bis(2-ethylhexyl)phthalate
Concen: 10.89 ng
RT: 21.16 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Tgt Ion:149 Resp: 99731

Ion	Ratio	Lower	Upper
149	100		
167	25.4	19.7	29.5
279	1.9	1.6	2.4



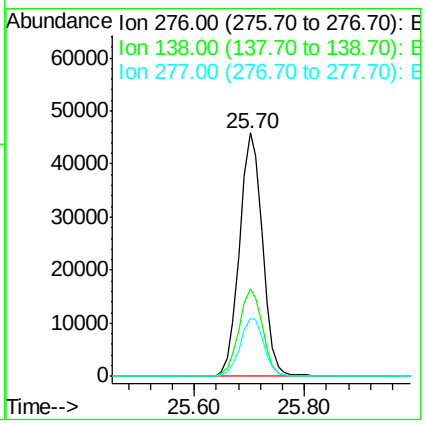


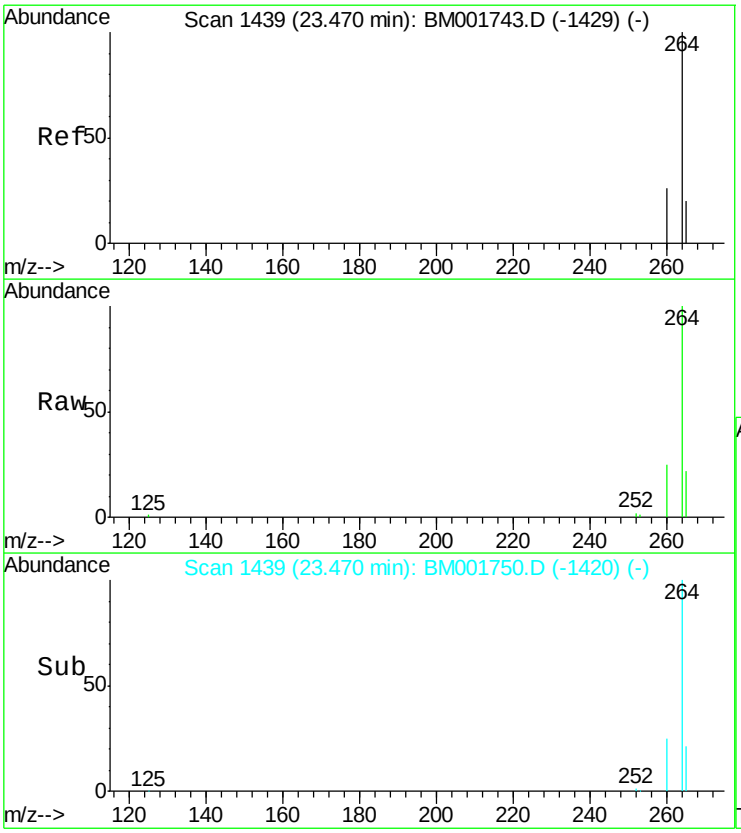
#31
Indeno(1,2,3-cd)pyrene
Concen: 8.28 ng
RT: 25.70 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 132790

Ion	Ratio	Lower	Upper
276	100		
138	36.8	29.0	43.6
277	24.6	19.7	29.5

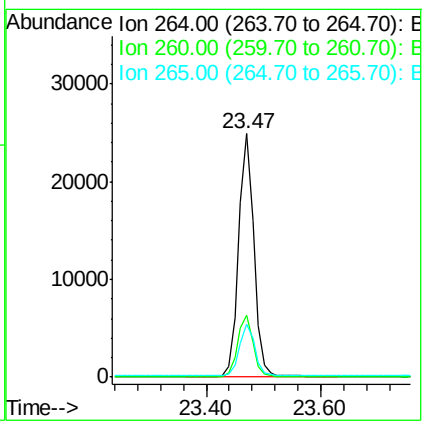


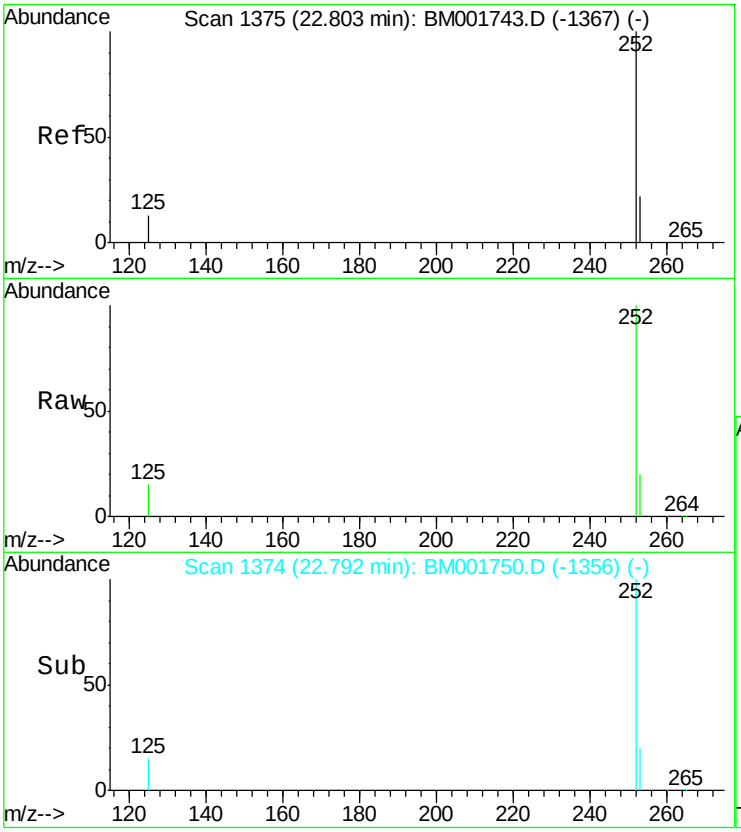


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Tgt Ion:264 Resp: 45945

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.8	31.2
265	21.8	16.8	25.2



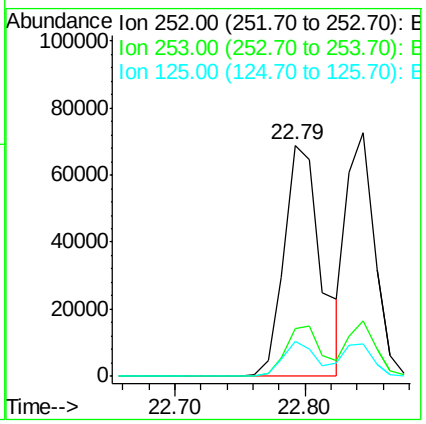


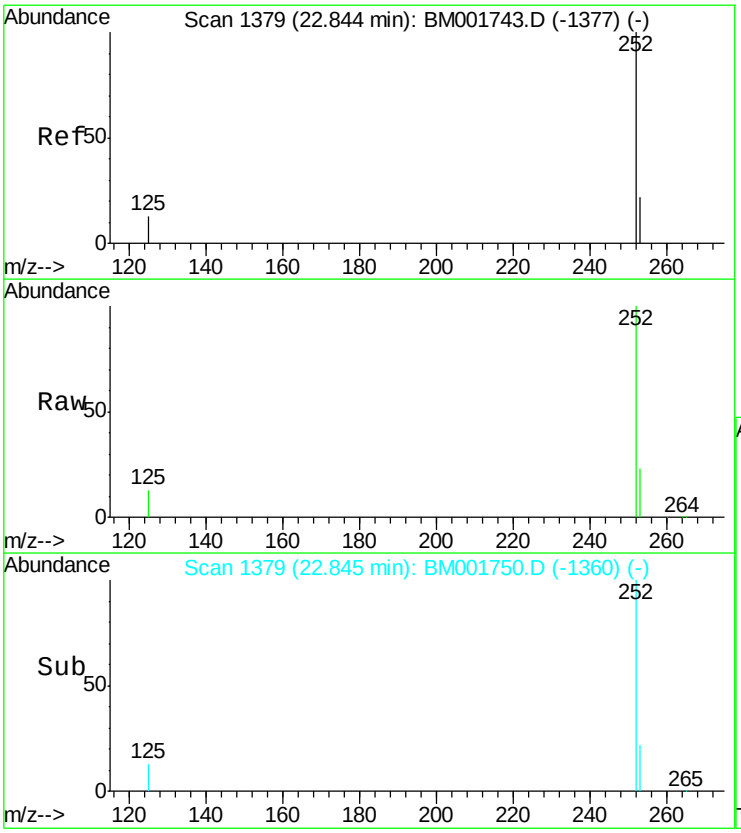
#33
Benzo(b)fluoranthene
Concen: 8.96 ng
RT: 22.79 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 135086

Ion	Ratio	Lower	Upper
252	100		
253	20.4	19.0	28.4
125	15.1	11.3	16.9

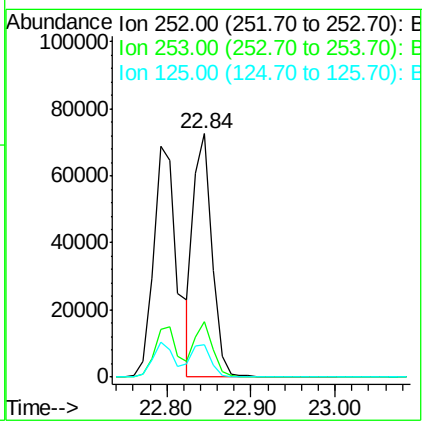


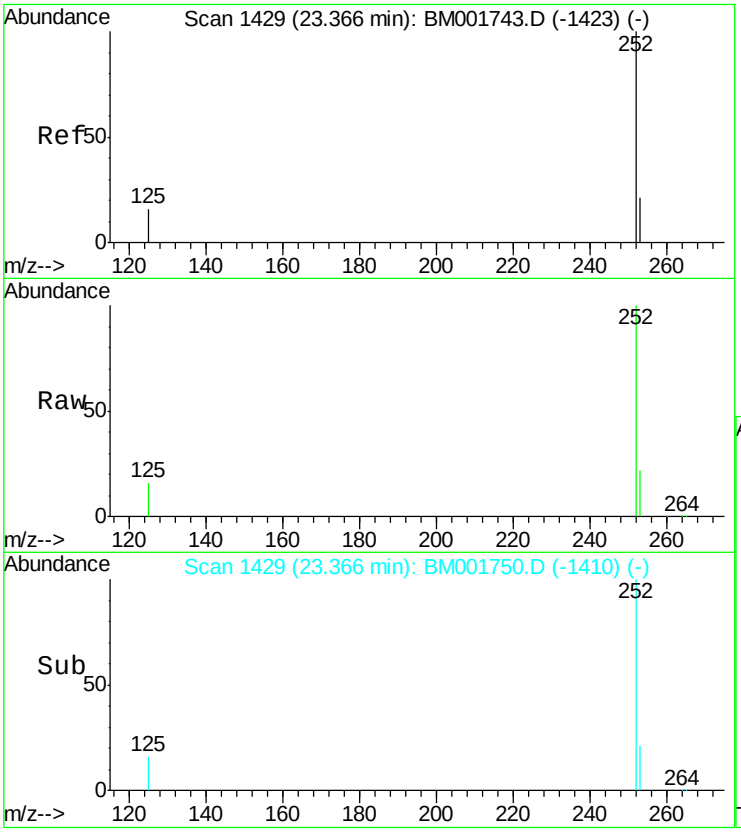


#34
Benzo(k)fluoranthene
Concen: 8.04 ng
RT: 22.84 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Tgt Ion:252 Resp: 108478

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	13.2	11.8	17.6



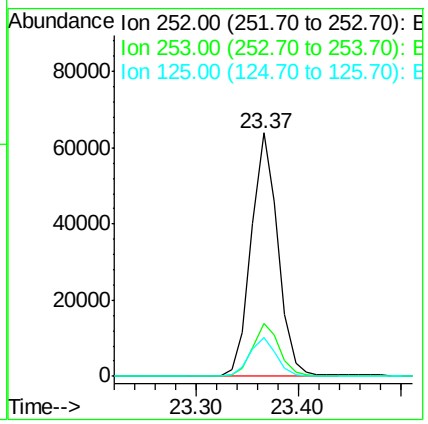


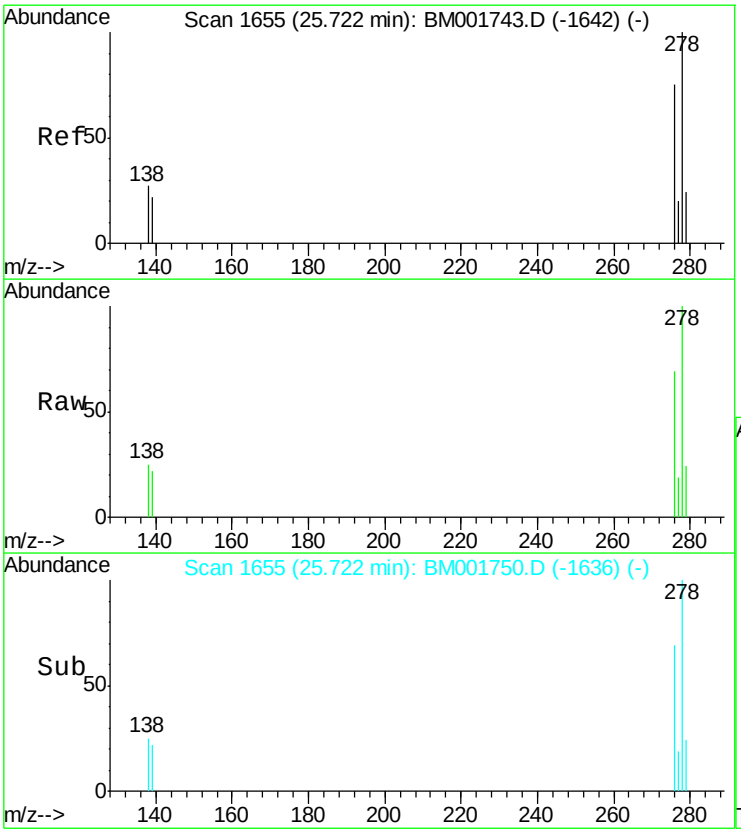
#35
Benzo(a)pyrene
Concen: 9.07 ng
RT: 23.37 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 115103

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	15.7	14.1	21.1

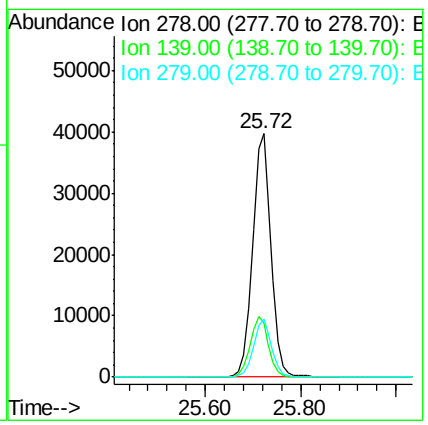


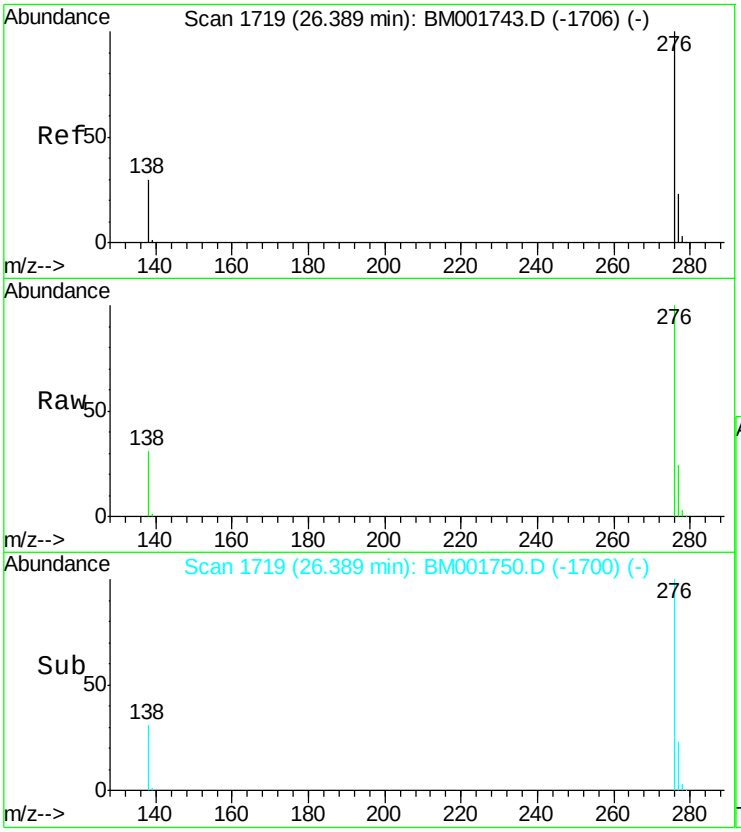


#36
Dibenzo(a,h)anthracene
Concen: 8.53 ng
RT: 25.72 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Tgt Ion:278 Resp: 107205

Ion	Ratio	Lower	Upper
278	100		
139	22.2	18.4	27.6
279	23.8	19.8	29.8





#37
Benzo(g,h,i)perylene
Concen: 8.37 ng
RT: 26.39 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 110665

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.3	28.9
138	30.8	24.7	37.1