Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM061915\NEW FOLDER\
Data File : BM001751.D
Acq On : 18 Jun 2015 23:47
Operator : TP/IZ
Sample : PB84083BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jun 19 09:12:34 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	15630	5.00	ng		0.00
6) Naphthalene-d8	10.46	136	58021	5.00	ng		0.00
12) Acenaphthene-d10	14.32	164	28286	5.00	ng		0.00
18) Phenanthrene-d10	17.06	188	70572	5.00	ng		0.00
25) Chrysene-d12	21.25	240	48654	5.00	ng		0.00
32) Perylene-d12	23.47	264	42758	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	41850	11.45	ng		0.00
5) Phenol-d6	6.83	99	56482	12.01	ng		0.00
7) Nitrobenzene-d5	8.83	82	35416	7.82	ng		0.00
13) 2,4,6-Tribromophenol	15.80	330	12870	14.57	ng		0.00
14) 2-Fluorobiphenyl	12.94	172	72515	7.17	ng		0.00
27) Terphenyl-d14	19.70	244	50177	7.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	12004	6.74	ng		95
3) n-Nitrosodimethylamine	3.48	42	20672	7.51	ng		98
8) Nitrobenzene	8.86	77	39794	8.17	ng		98
9) Naphthalene	10.49	128	99406	7.01	ng		98
10) Hexachlorobutadiene	10.78	225	16888	7.08	ng		99
11) 2-Methylnaphthalene	12.12	142	66435	7.36	ng		99
15) Acenaphthylene	14.03	152	107834	8.02	ng		99
16) Acenaphthene	14.37	154	63236	7.51	ng		97
17) Fluorene	15.36	166	61686	8.55	ng		97
19) 4-Bromophenyl-phenylether	16.24	248	25394	8.77	ng	#	82
20) Hexachlorobenzene	16.38	284	13330	6.70	ng	#	100
21) Pentachlorophenol	16.72	266	146326	165.28	ng		94
22) Phenanthrene	17.09	178	173676	7.18	ng		98
23) Anthracene	17.19	178	66364	6.50	ng	#	94
24) Fluoranthene	19.12	202	124132	8.14	ng		100
26) Pyrene	19.48	202	136025	8.03	ng		99
28) Benzo(a)anthracene	21.28	228	109176	7.45	ng		96
29) Chrysene	21.28	228	109430	7.10	ng		95
30) Bis(2-ethylhexyl)phthalate	21.16	149	84818	10.03	ng		98
31) Indeno(1,2,3-cd)pyrene	25.70	276	112770	7.61	ng		99
33) Benzo(b)fluoranthene	22.79	252	105064	7.49	ng		95
34) Benzo(k)fluoranthene	22.83	252	103506	8.24	ng		96
35) Benzo(a)pyrene	23.37	252	98762	8.36	ng		97
36) Dibenzo(a,h)anthracene	25.71	278	91731	7.84	ng		96
37) Benzo(g,h,i)perylene	26.39	276	94483	7.68	ng		98

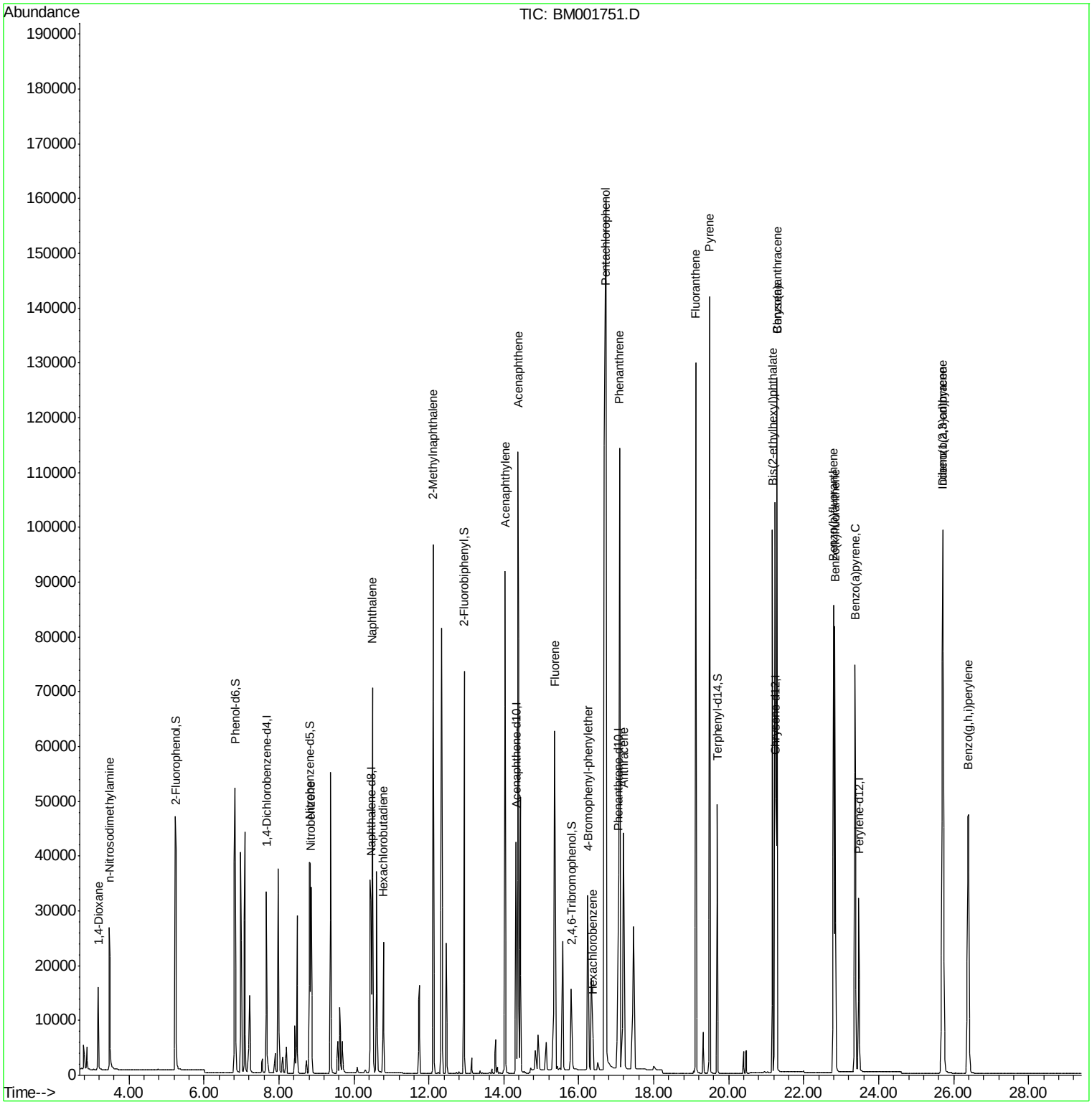
(#) = qualifier out of range (m) = manual integration (+) = signals summed

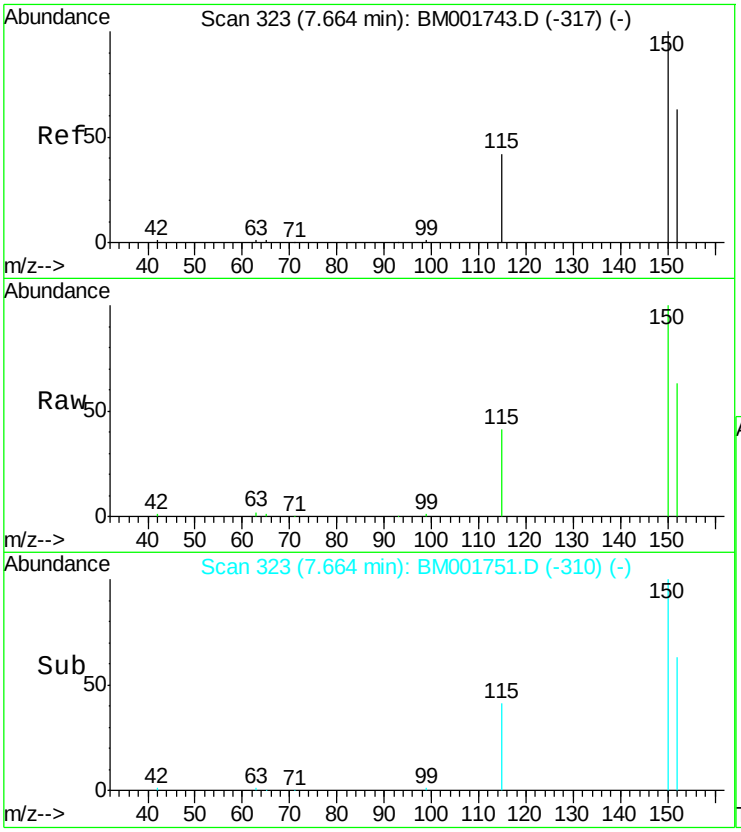
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM061915\NEW FOLDER\
Data File : BM001751.D
Acq On : 18 Jun 2015 23:47
Operator : TP/IZ
Sample : PB84083BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jun 19 09:12:34 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



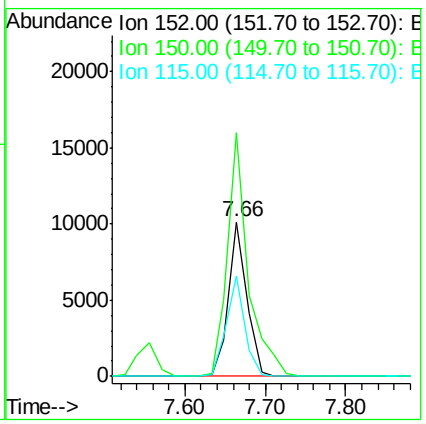


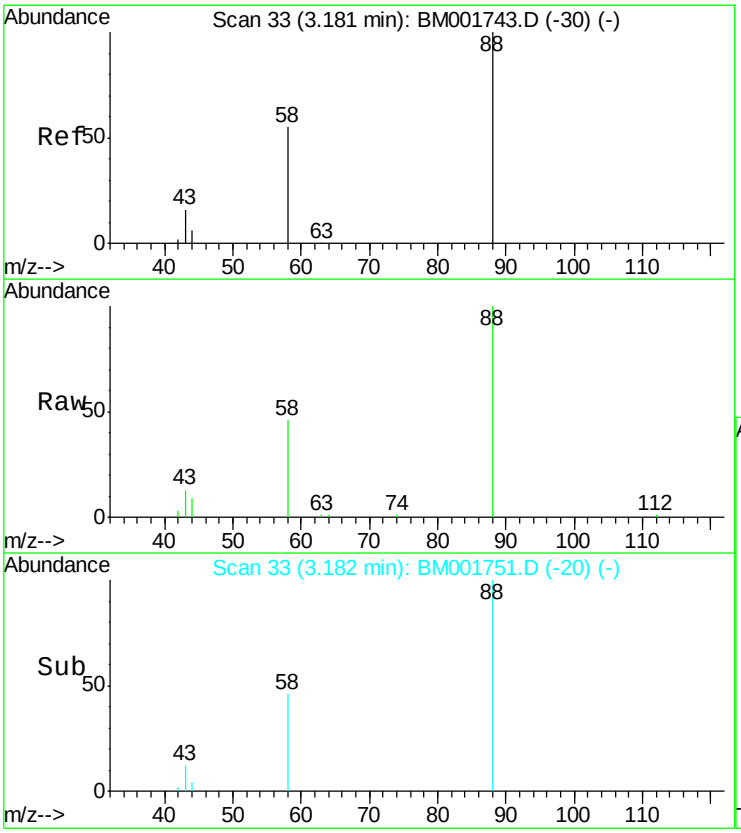
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.66 min Scan# 323
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 15630

Ion	Ratio	Lower	Upper
152	100		
150	157.6	127.5	191.3
115	64.6	53.2	79.8

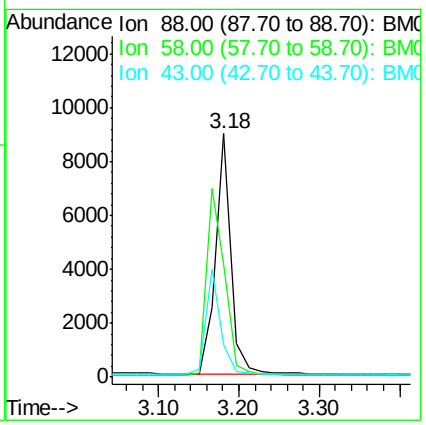


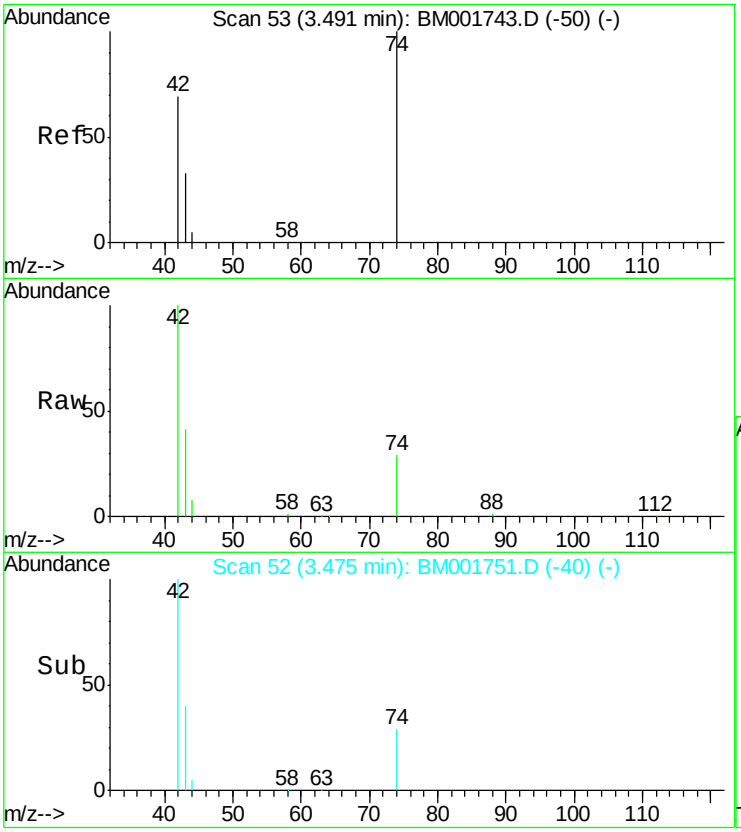


#2
1,4-Dioxane
Concen: 6.74 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Tgt Ion: 88 Resp: 12004

Ion	Ratio	Lower	Upper
88	100		
58	91.7	68.3	102.5
43	41.9	32.6	48.8



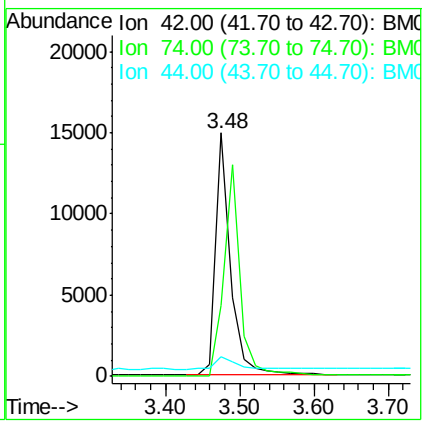


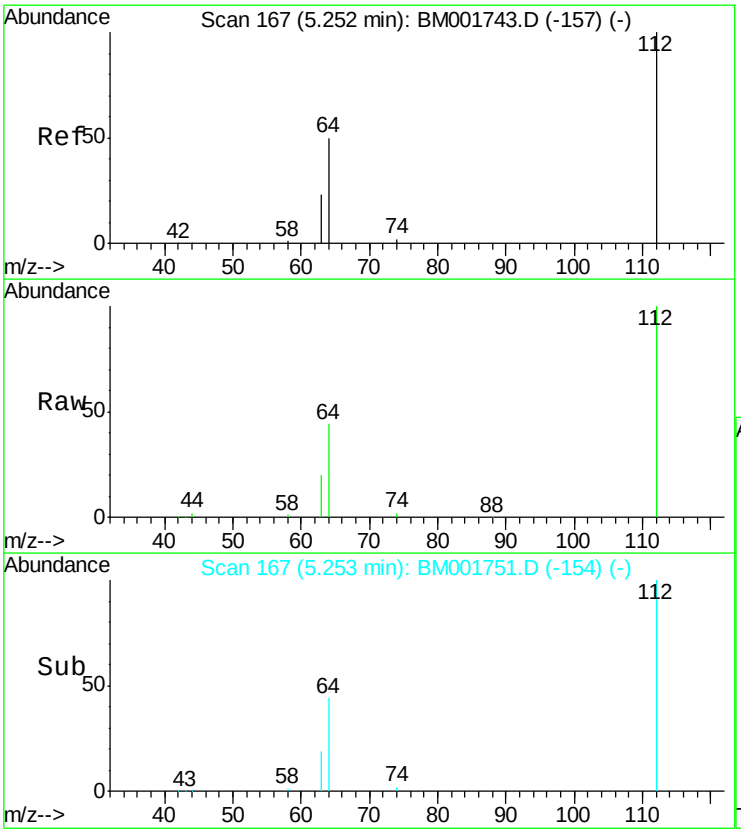
#3
n-Nitrosodimethylamine
Concen: 7.51 ng
RT: 3.48 min Scan# 52
Delta R.T. -0.02 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 42 Resp: 20672

Ion	Ratio	Lower	Upper
42	100		
74	96.0	78.6	118.0
44	6.4	5.0	7.6

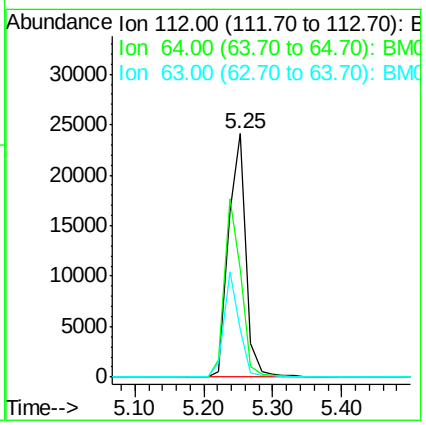


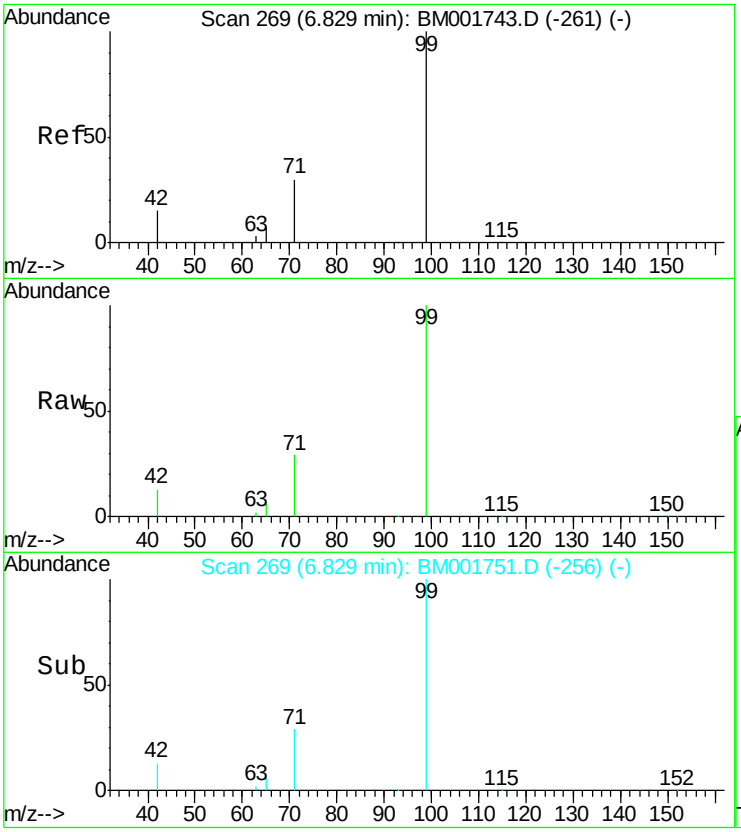


#4
2-Fluorophenol
Concen: 11.45 ng
RT: 5.25 min Scan# 167
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Tgt Ion:112 Resp: 41850

Ion	Ratio	Lower	Upper
112	100		
64	69.7	55.6	83.4
63	38.1	30.2	45.2



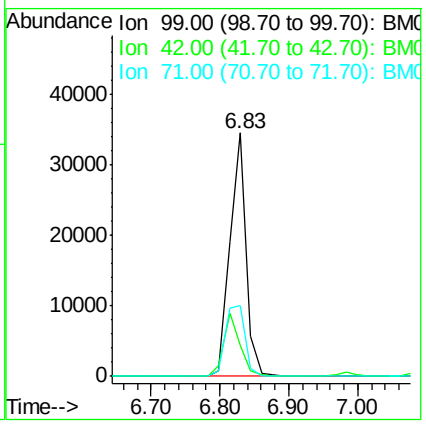


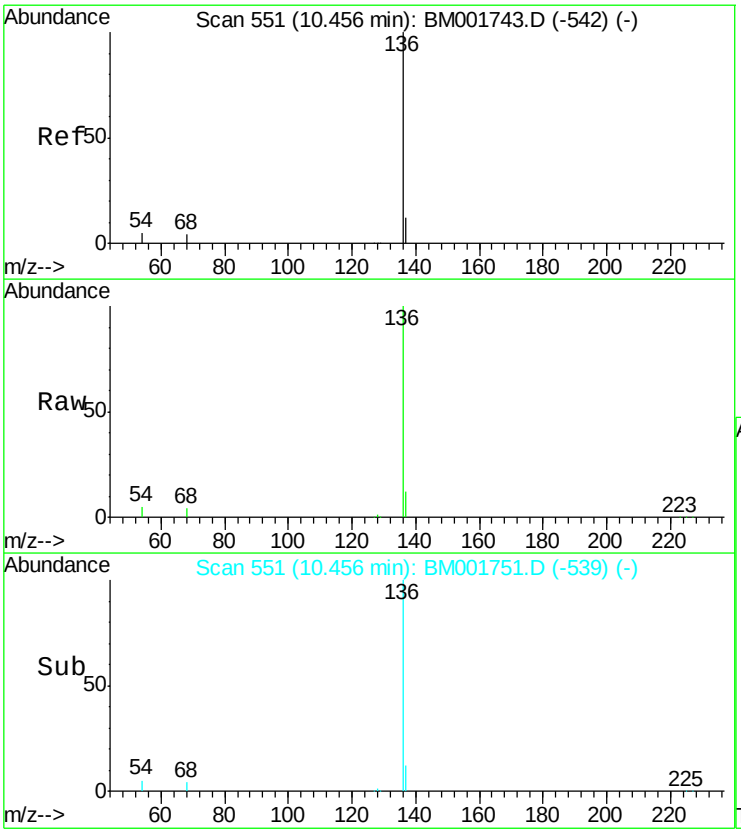
#5
Phenol-d6
Concen: 12.01 ng
RT: 6.83 min Scan# 269
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 56482

Ion	Ratio	Lower	Upper
99	100		
42	26.0	21.4	32.0
71	35.5	28.3	42.5

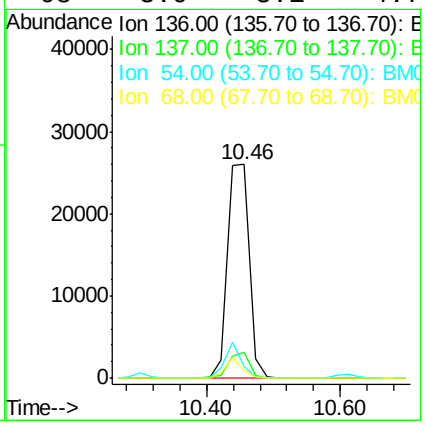


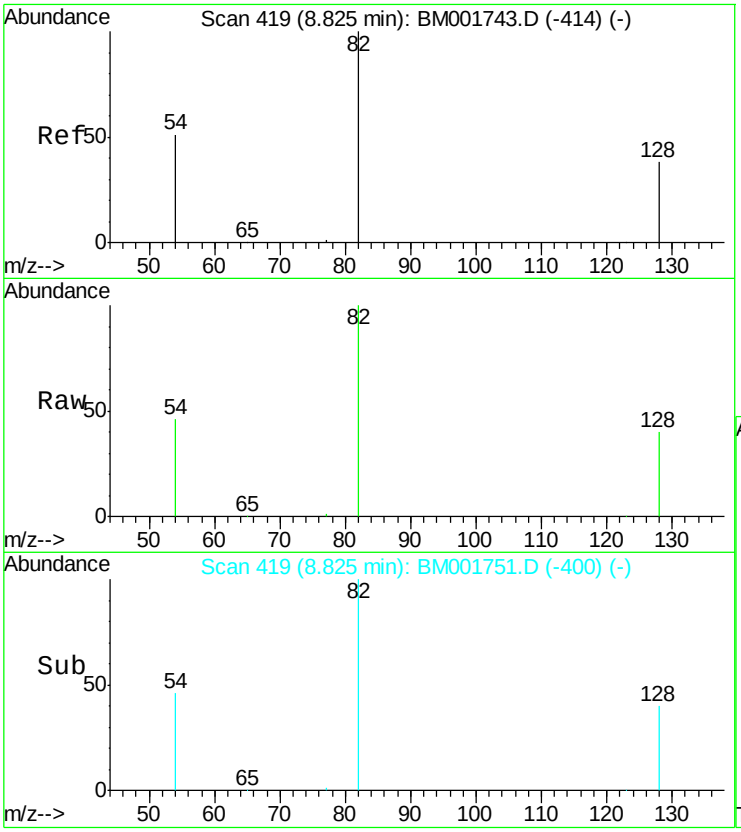


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.46 min Scan# 551
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Tgt Ion:136 Resp: 58021

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.0
54	5.3	4.4	6.6
68	3.9	3.1	4.7



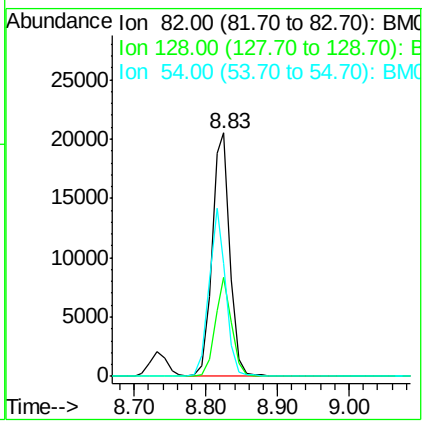


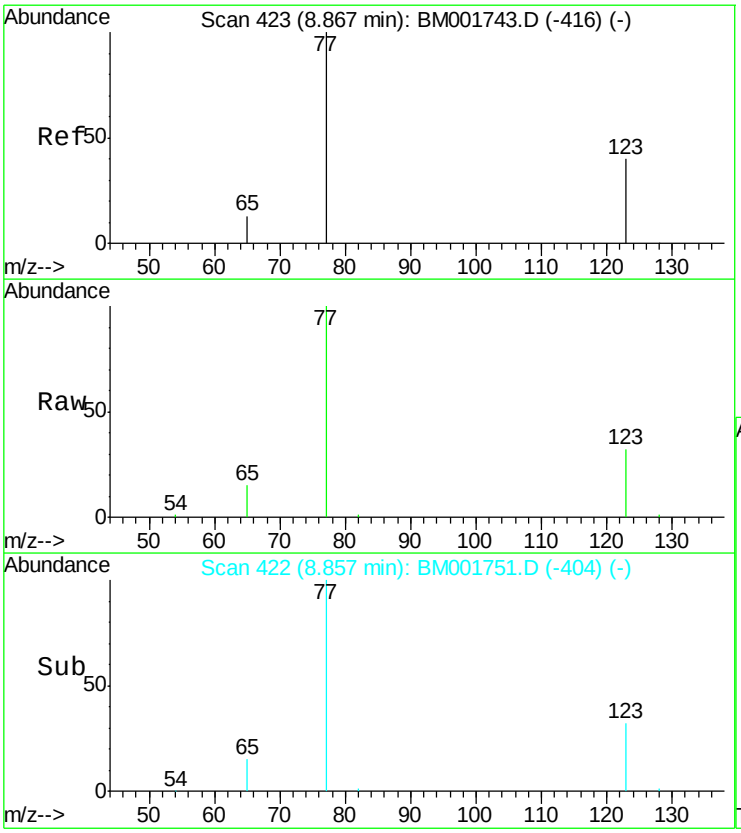
#7
Nitrobenzene-d5
Concen: 7.82 ng
RT: 8.83 min Scan# 419
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 35416

Ion	Ratio	Lower	Upper
82	100		
128	40.4	31.3	46.9
54	46.5	41.9	62.9

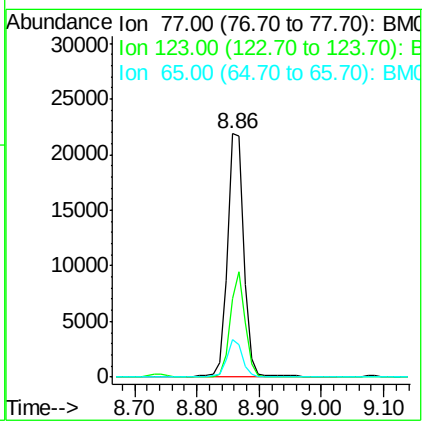


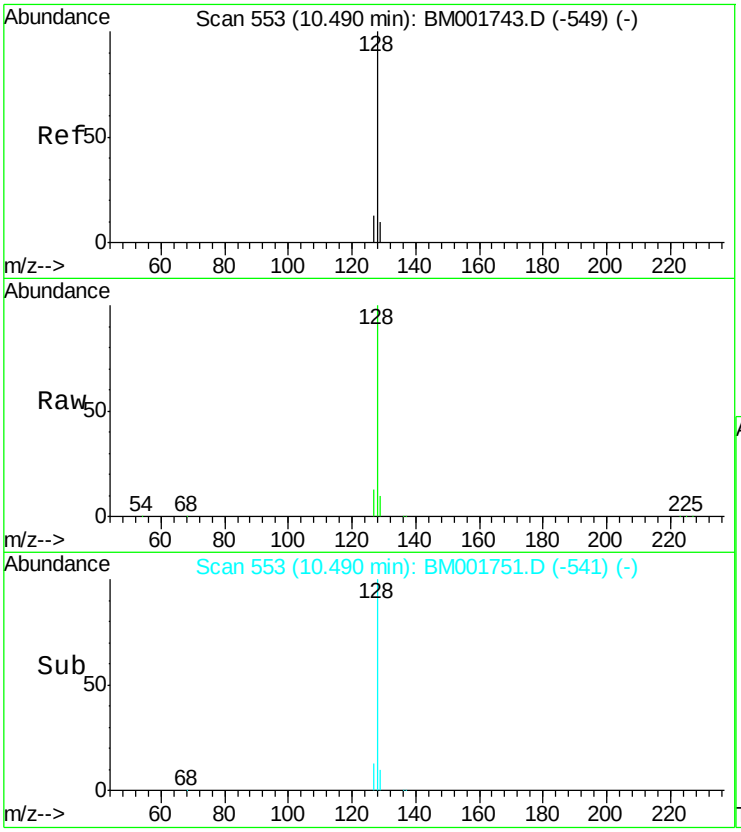


#8
Nitrobenzene
Concen: 8.17 ng
RT: 8.86 min Scan# 422
Delta R.T. -0.01 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Tgt Ion: 77 Resp: 39794

Ion	Ratio	Lower	Upper
77	100		
123	39.1	30.1	45.1
65	14.3	11.3	16.9



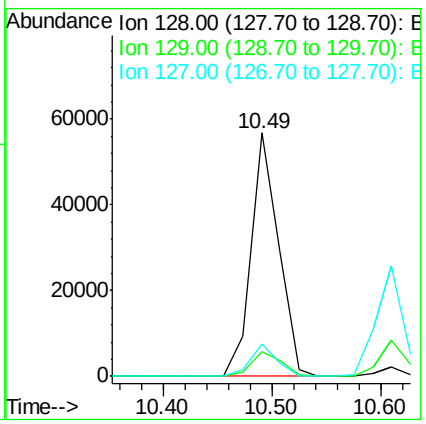


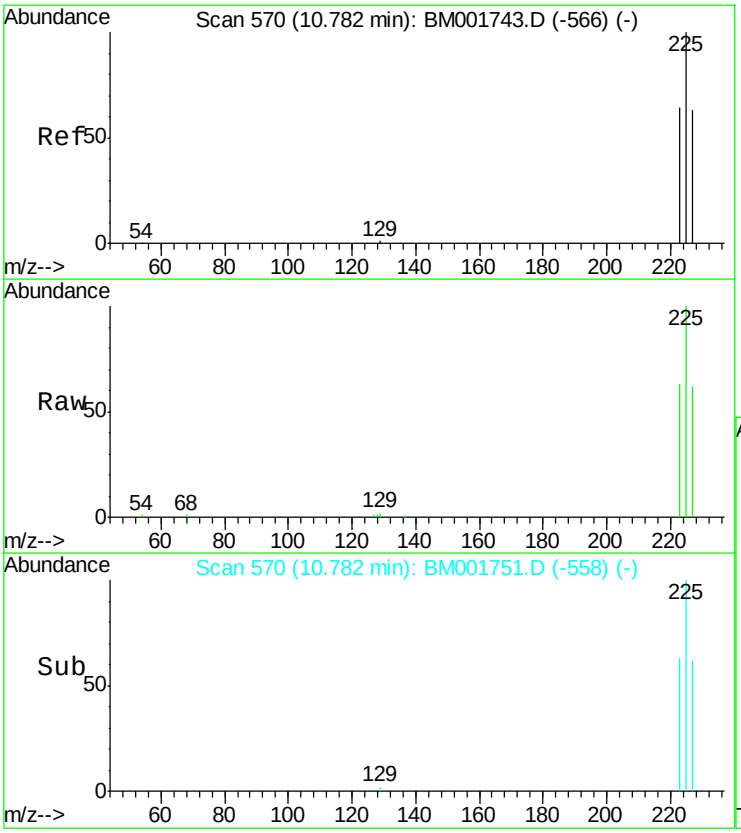
#9
Naphthalene
Concen: 7.01 ng
RT: 10.49 min Scan# 553
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 99406

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.7	13.1
127	13.4	11.2	16.8

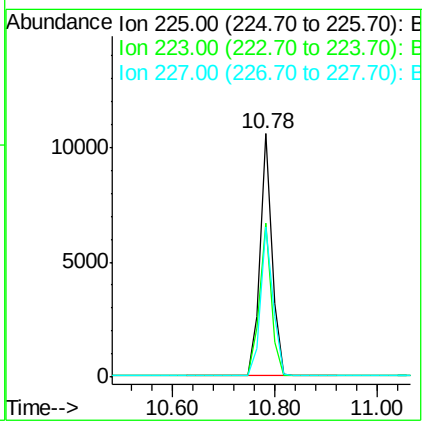


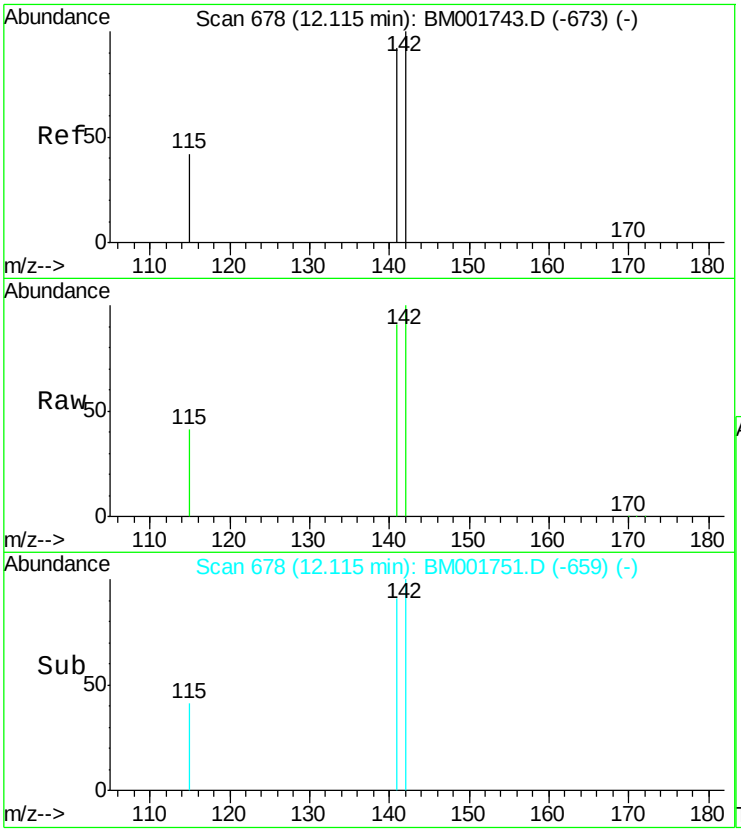


#10
Hexachlorobutadiene
Concen: 7.08 ng
RT: 10.78 min Scan# 570
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Tgt Ion:225 Resp: 16888

Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.0	76.4
227	63.4	51.8	77.8



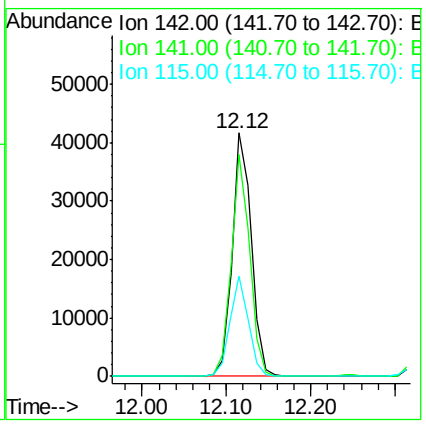


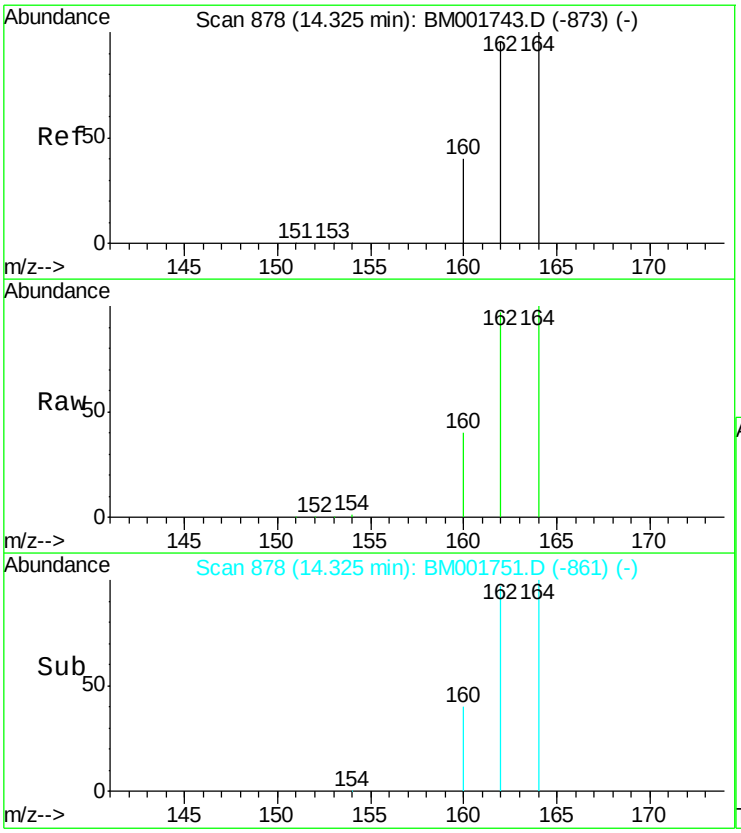
#11
2-Methylnaphthalene
Concen: 7.36 ng
RT: 12.12 min Scan# 678
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 66435

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.6	110.4
115	41.0	34.1	51.1

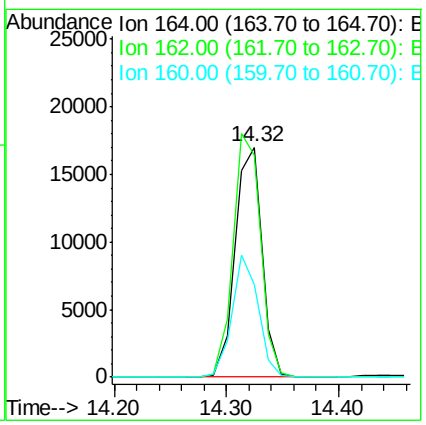


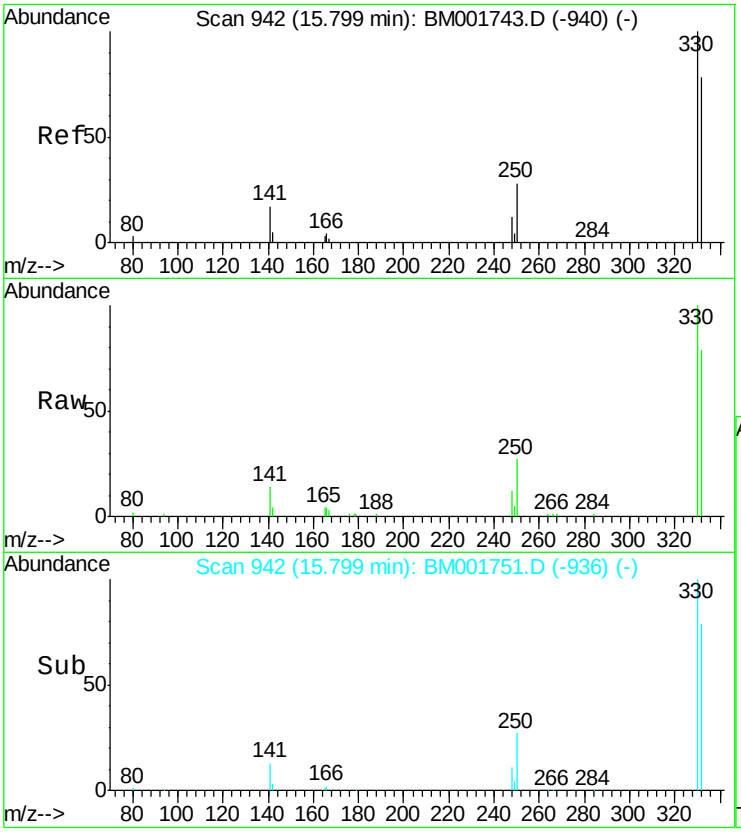


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.32 min Scan# 878
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Tgt Ion:164 Resp: 28286

Ion	Ratio	Lower	Upper
164	100		
162	96.8	76.6	114.8
160	40.5	31.8	47.8



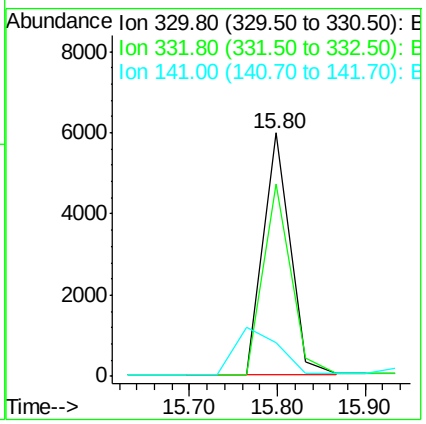


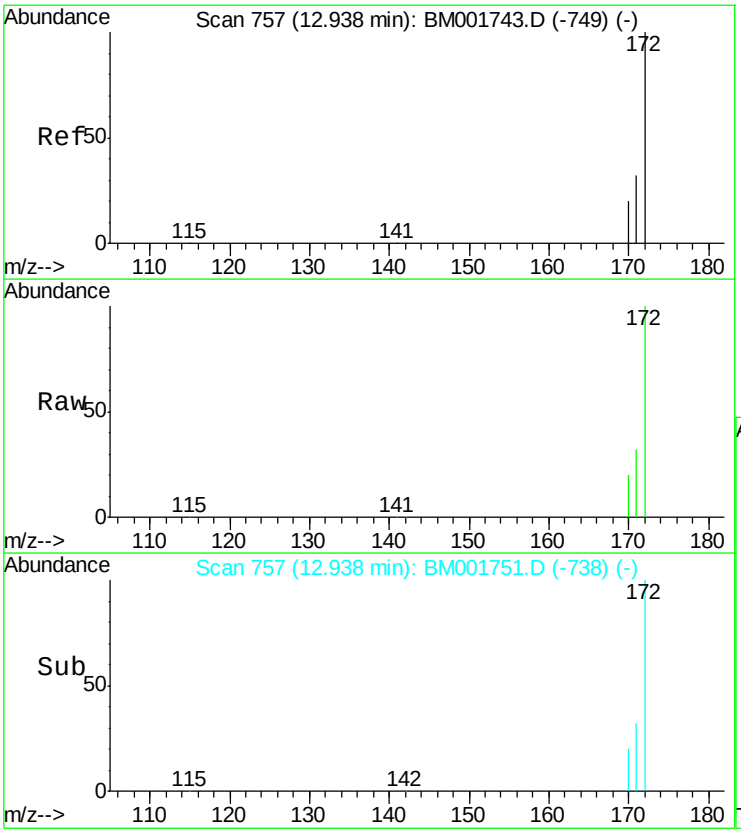
#13
2,4,6-Tribromophenol
Concen: 14.57 ng
RT: 15.80 min Scan# 942
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 12870

Ion	Ratio	Lower	Upper
330	100		
332	81.6	65.8	98.8
141	0.0	0.0	0.0

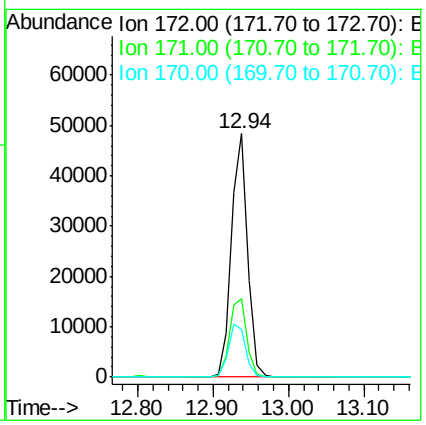


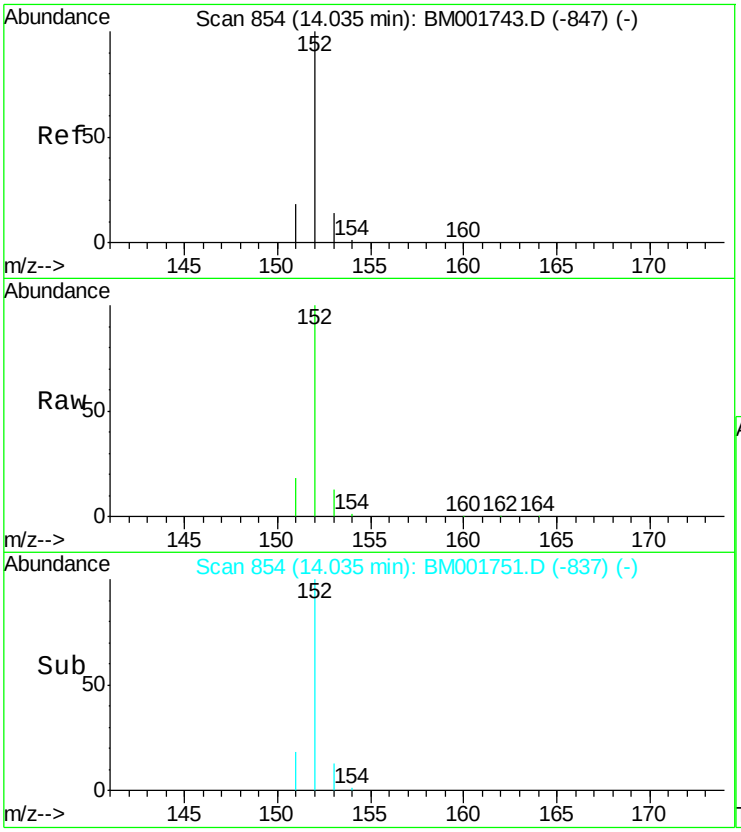


#14
2-Fluorobiphenyl
Concen: 7.17 ng
RT: 12.94 min Scan# 757
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Tgt Ion:172 Resp: 72515

Ion	Ratio	Lower	Upper
172	100		
171	32.1	26.2	39.2
170	19.8	16.6	24.8



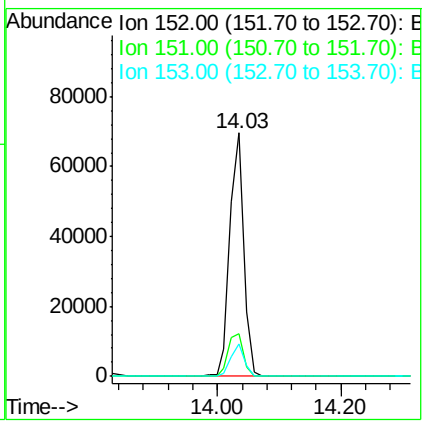


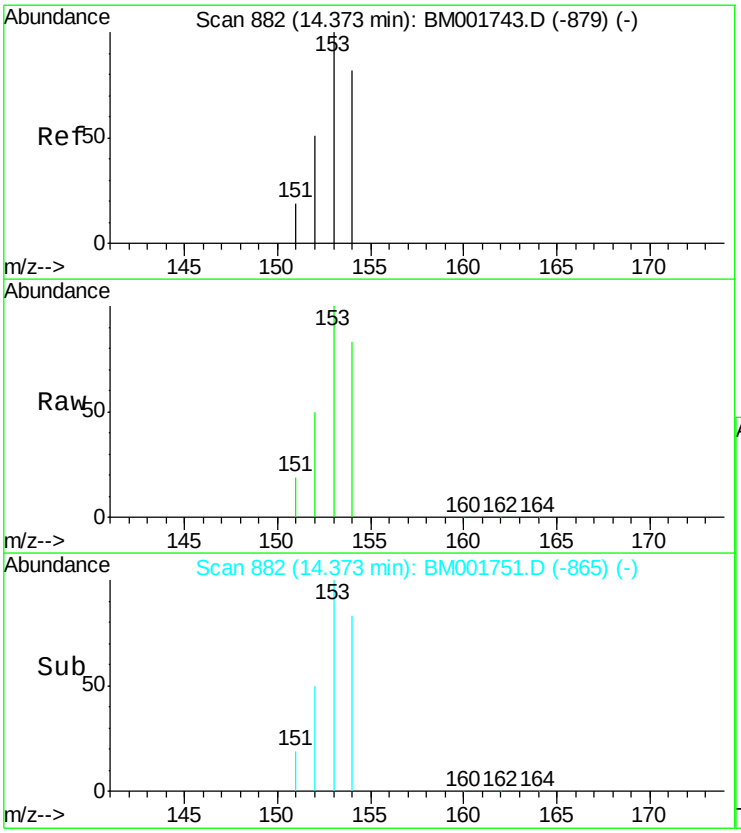
#15
Acenaphthylene
Concen: 8.02 ng
RT: 14.03 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 107834

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2
153	12.8	10.4	15.6

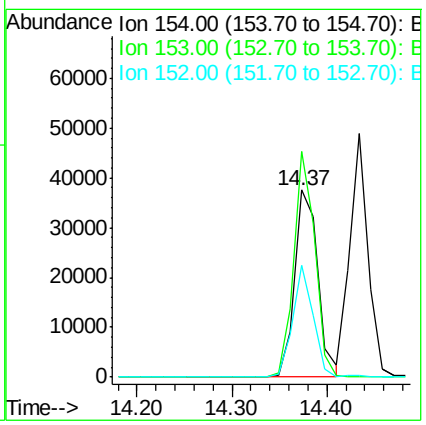


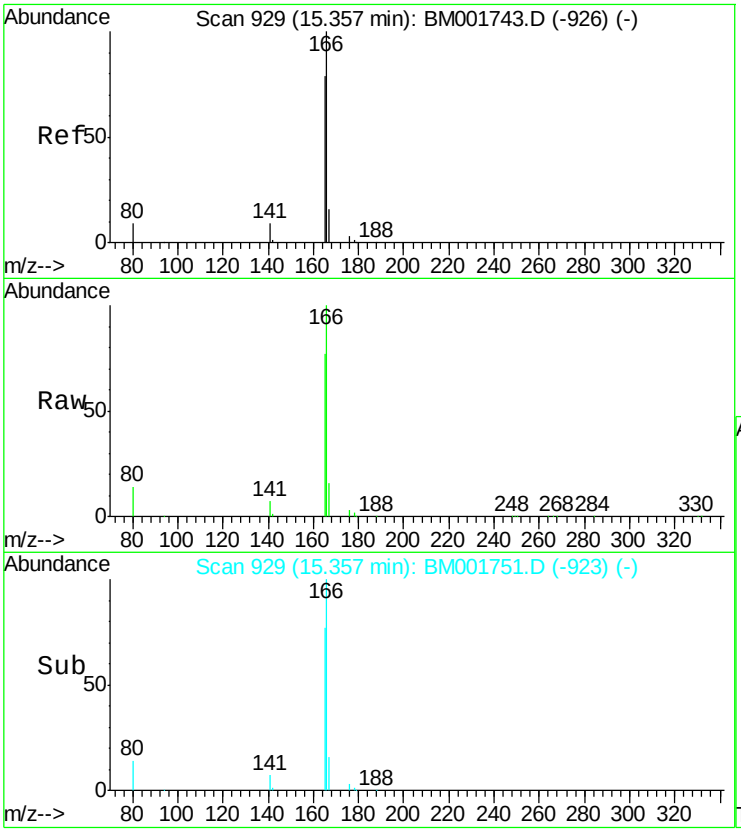


#16
Acenaphthene
Concen: 7.51 ng
RT: 14.37 min Scan# 882
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Tgt Ion:154 Resp: 63236

Ion	Ratio	Lower	Upper
154	100		
153	109.4	90.0	135.0
152	52.9	44.2	66.4



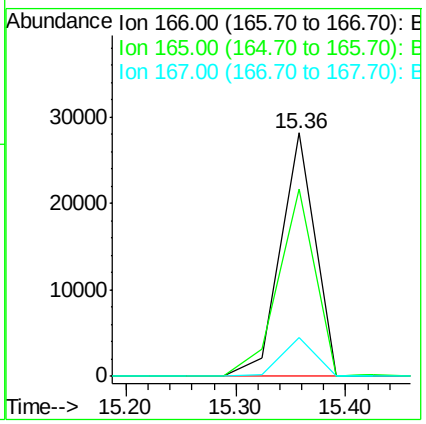


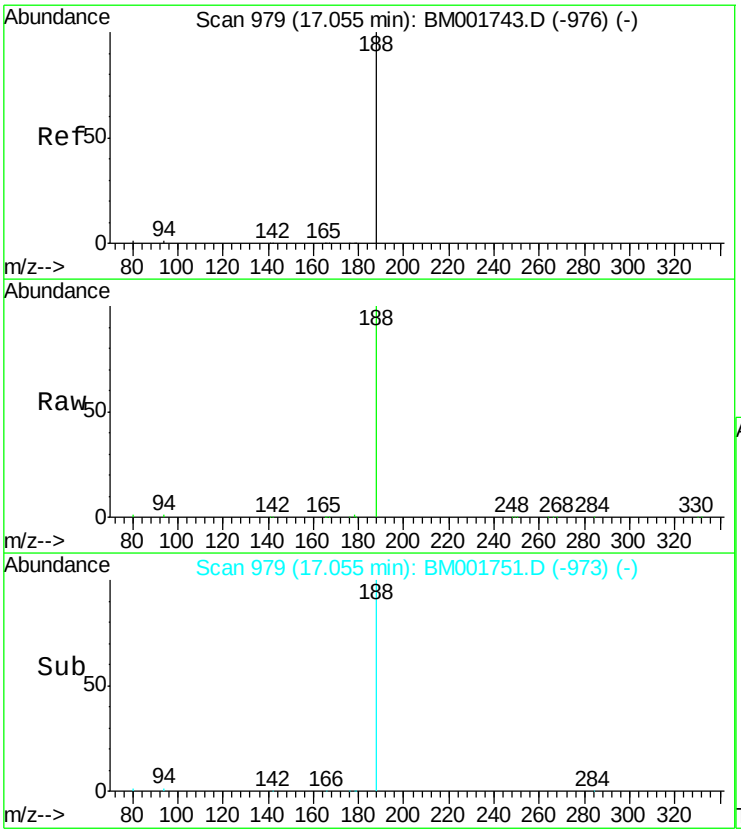
#17
Fluorene
Concen: 8.55 ng
RT: 15.36 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 61686

Ion	Ratio	Lower	Upper
166	100		
165	82.0	68.2	102.2
167	15.3	12.2	18.2

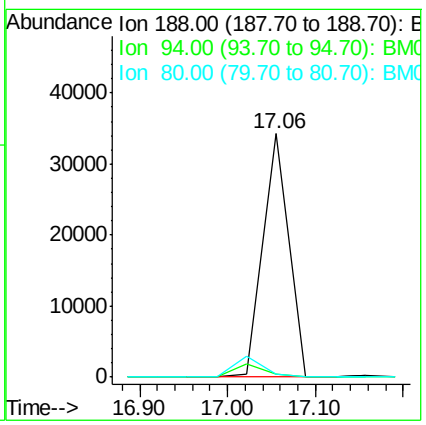


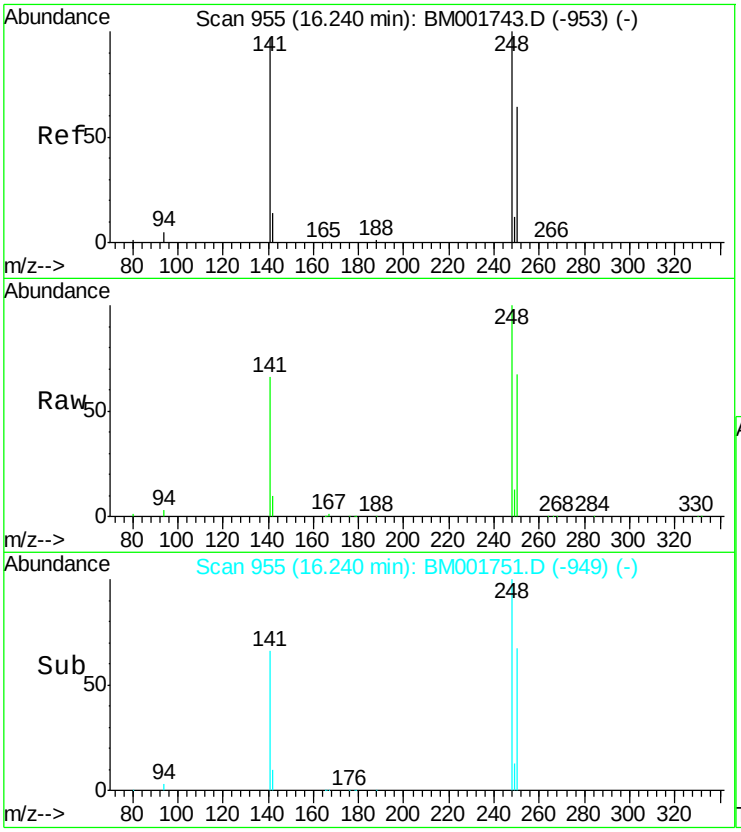


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Tgt Ion:188 Resp: 70572

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



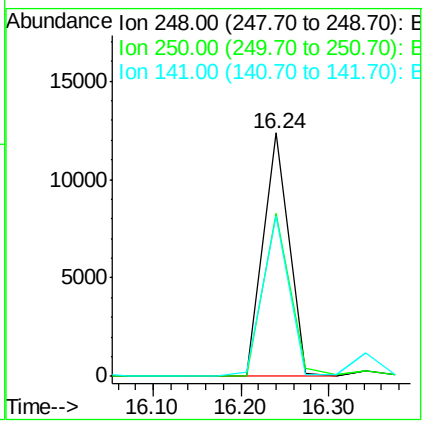


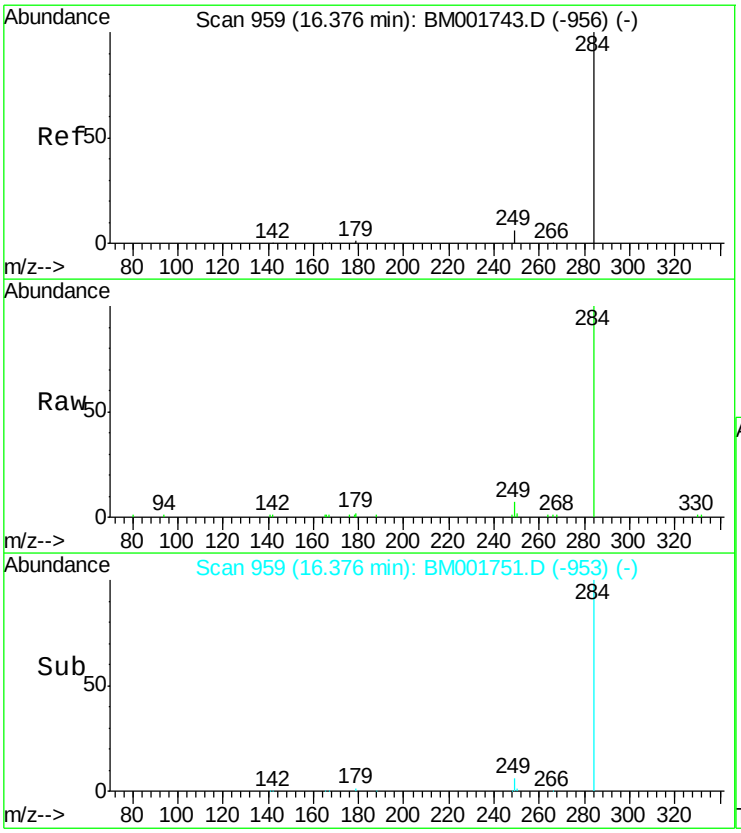
#19
4-Bromophenyl-phenylether
Concen: 8.77 ng
RT: 16.24 min Scan# 955
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:248 Resp: 25394

Ion	Ratio	Lower	Upper
248	100		
250	69.0	54.8	82.2
141	66.4	76.2	114.4#

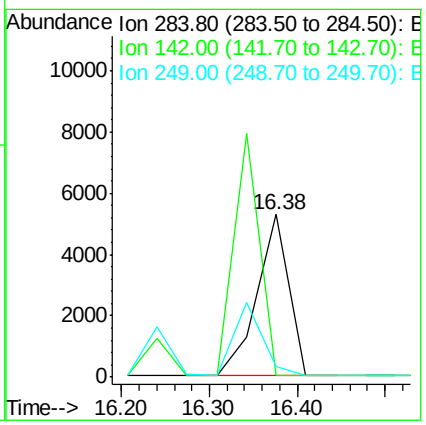


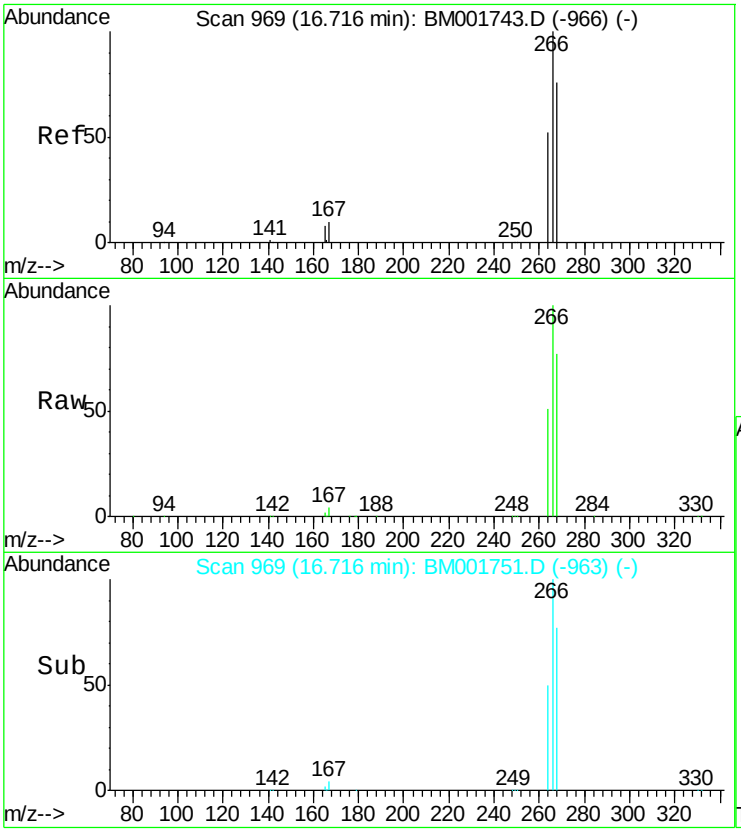


#20
Hexachlorobenzene
Concen: 6.70 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Tgt Ion:284 Resp: 13330

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



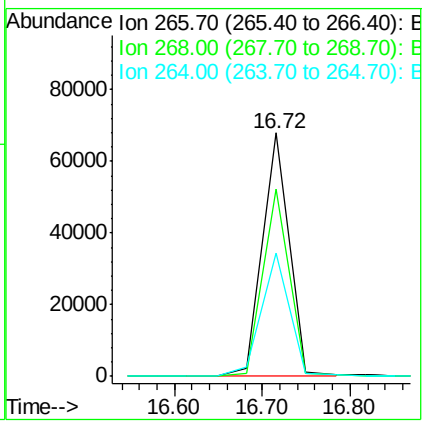


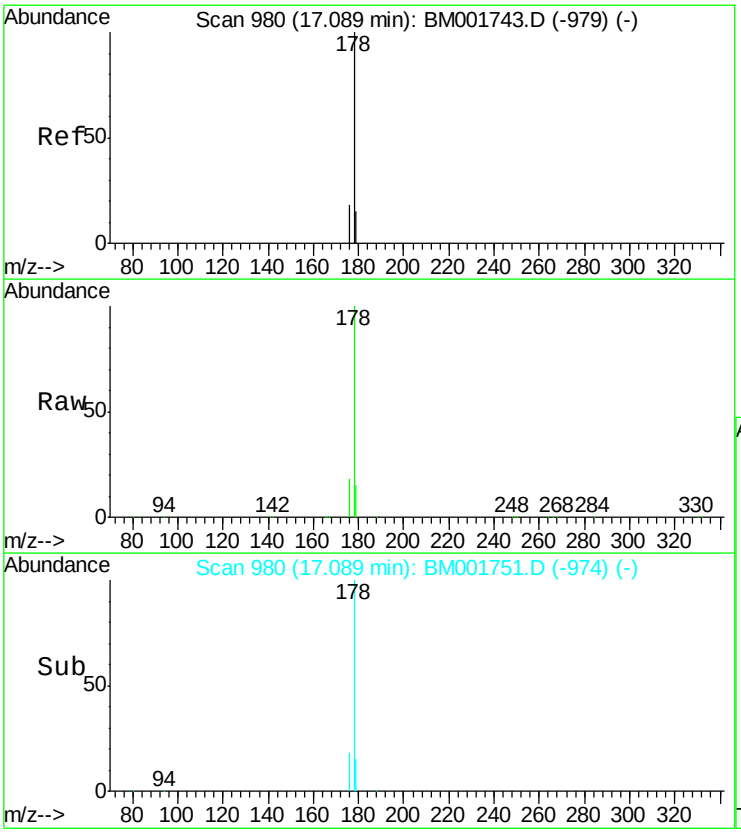
#21
Pentachlorophenol
Concen: 165.28 ng
RT: 16.72 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 146326

Ion	Ratio	Lower	Upper
266	100		
268	76.8	63.2	94.8
264	50.5	46.2	69.2

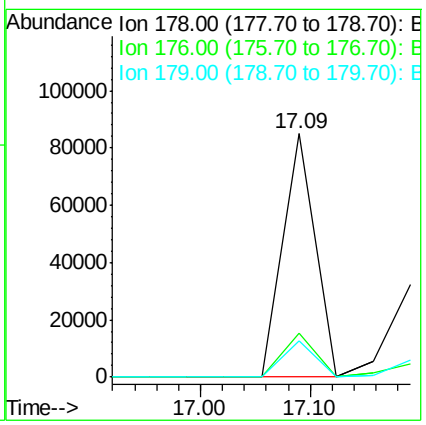


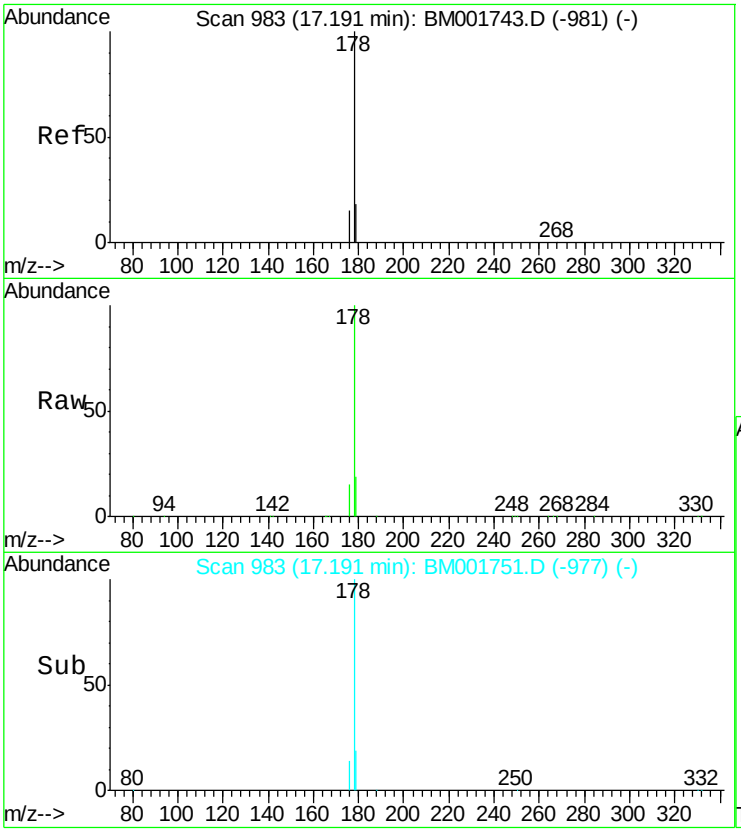


#22
Phenanthrene
Concen: 7.18 ng
RT: 17.09 min Scan# 980
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Tgt Ion:178 Resp: 173676

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.0	12.6	19.0



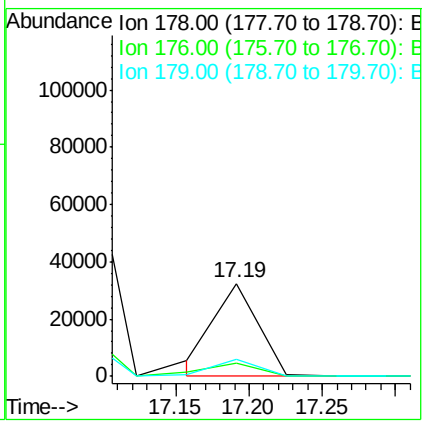


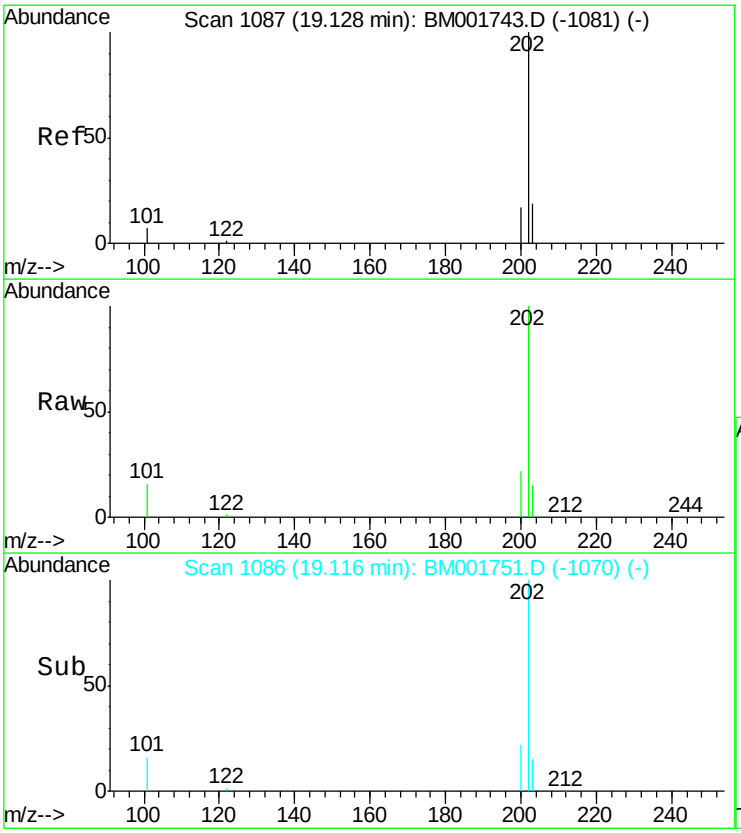
#23
Anthracene
Concen: 6.50 ng
RT: 17.19 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 66364

Ion	Ratio	Lower	Upper
178	100		
176	14.4	10.0	15.0
179	18.5	12.3	18.5#

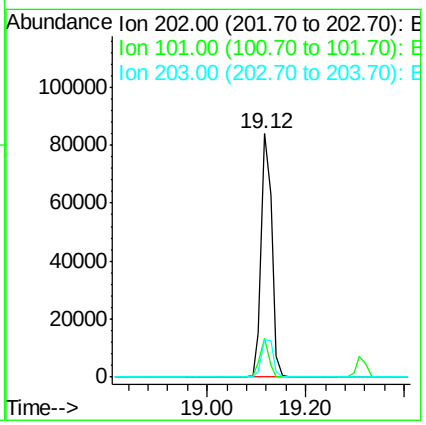


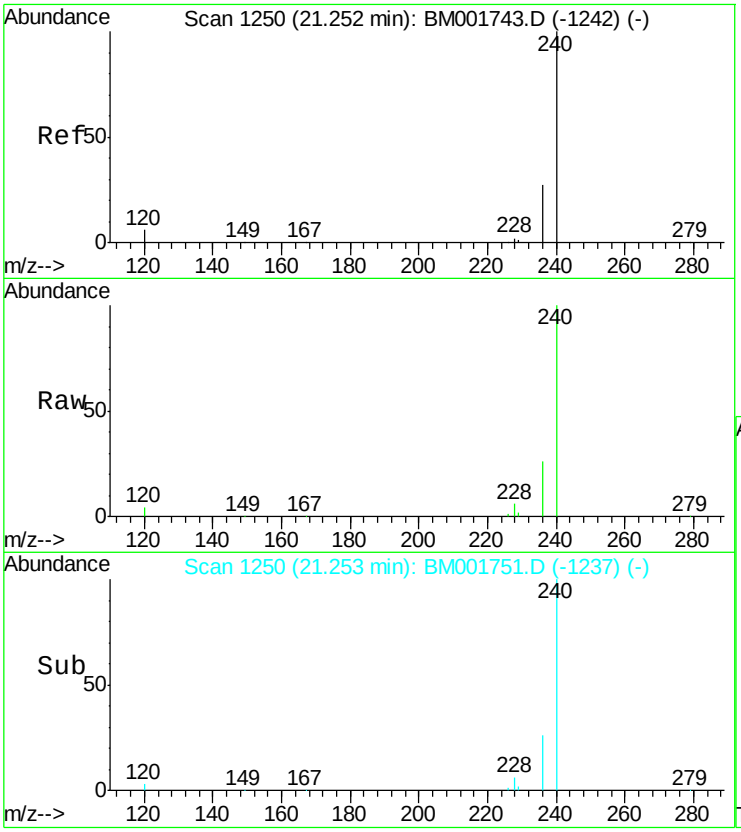


#24
Fluoranthene
Concen: 8.14 ng
RT: 19.12 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Tgt Ion:202 Resp: 124132

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.8	16.2
203	17.4	13.8	20.6



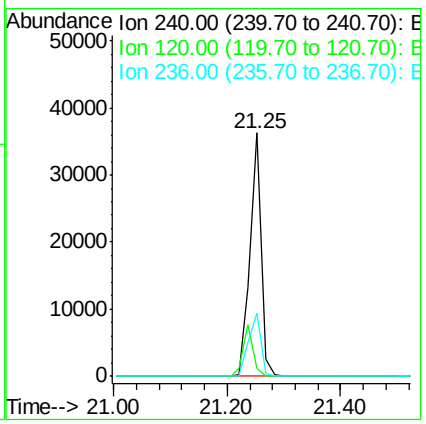


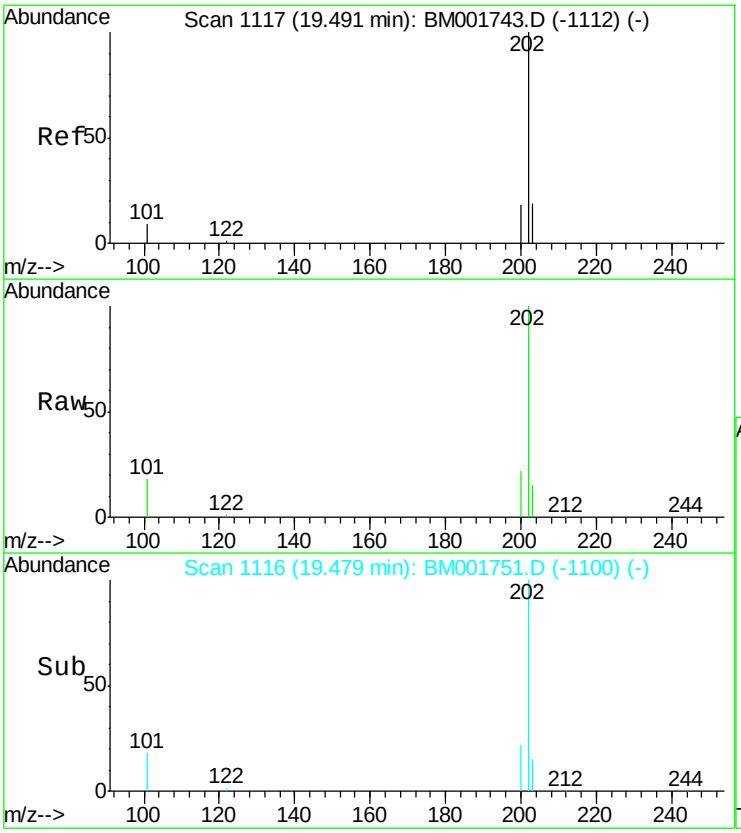
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 48654

Ion	Ratio	Lower	Upper
240	100		
120	3.5	4.7	7.1#
236	25.7	21.6	32.4

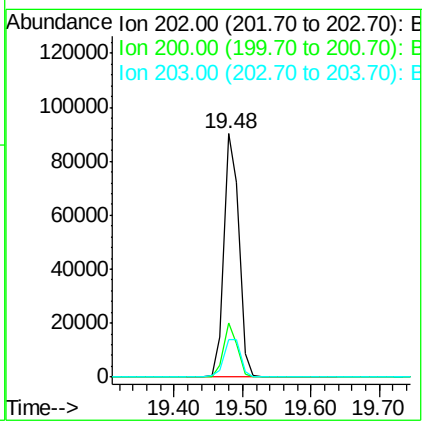


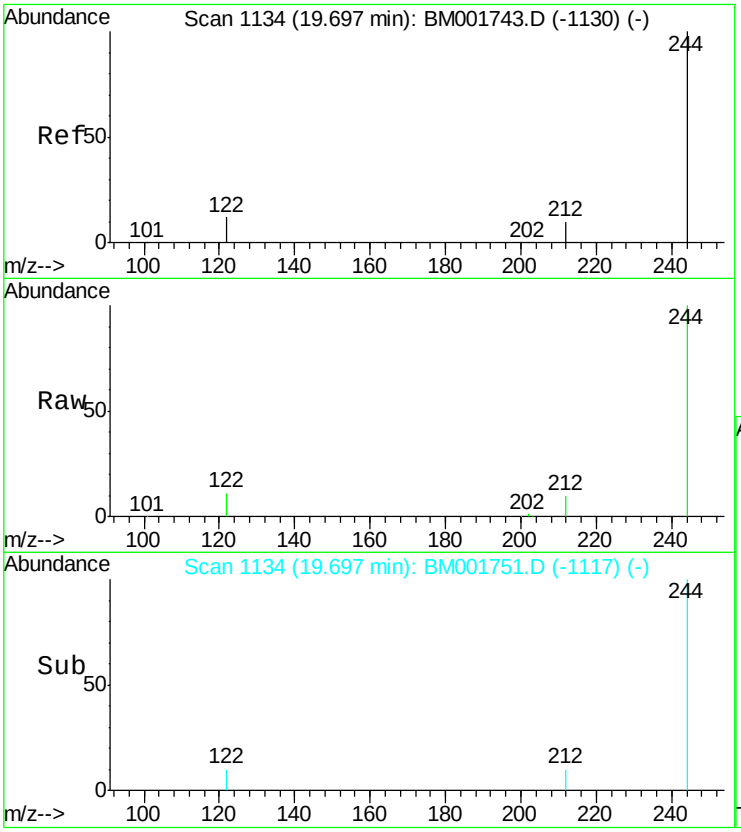


#26
Pyrene
Concen: 8.03 ng
RT: 19.48 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Tgt Ion:202 Resp: 136025

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	24.8
203	17.7	13.9	20.9



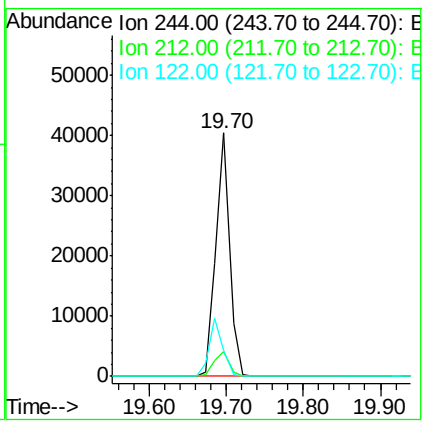


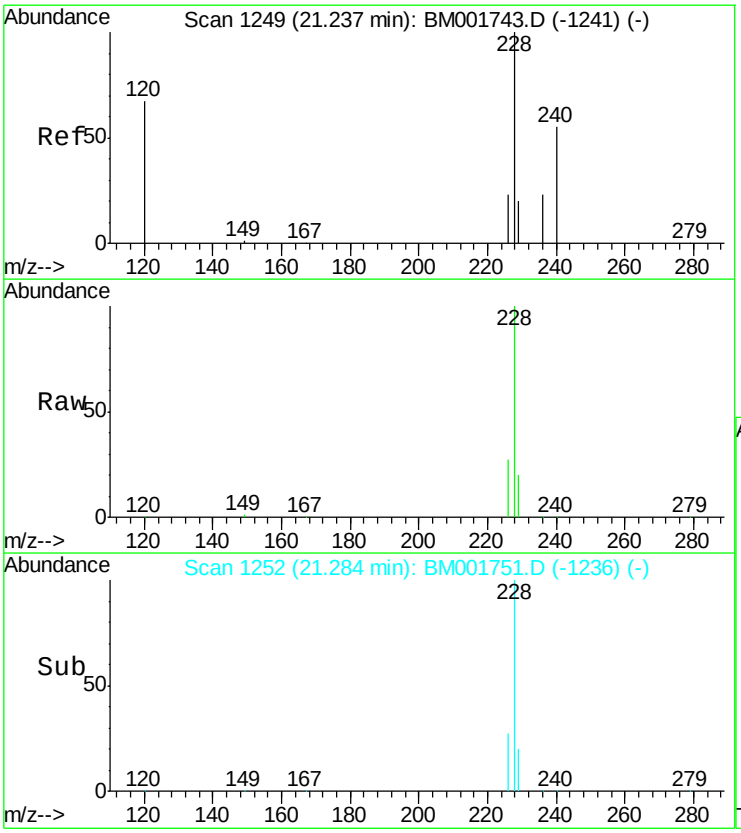
#27
Terphenyl-d14
Concen: 7.00 ng
RT: 19.70 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 50177

Ion	Ratio	Lower	Upper
244	100		
212	10.0	8.6	13.0
122	10.8	10.6	15.8

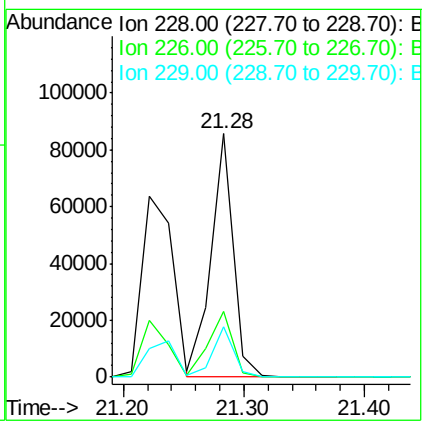


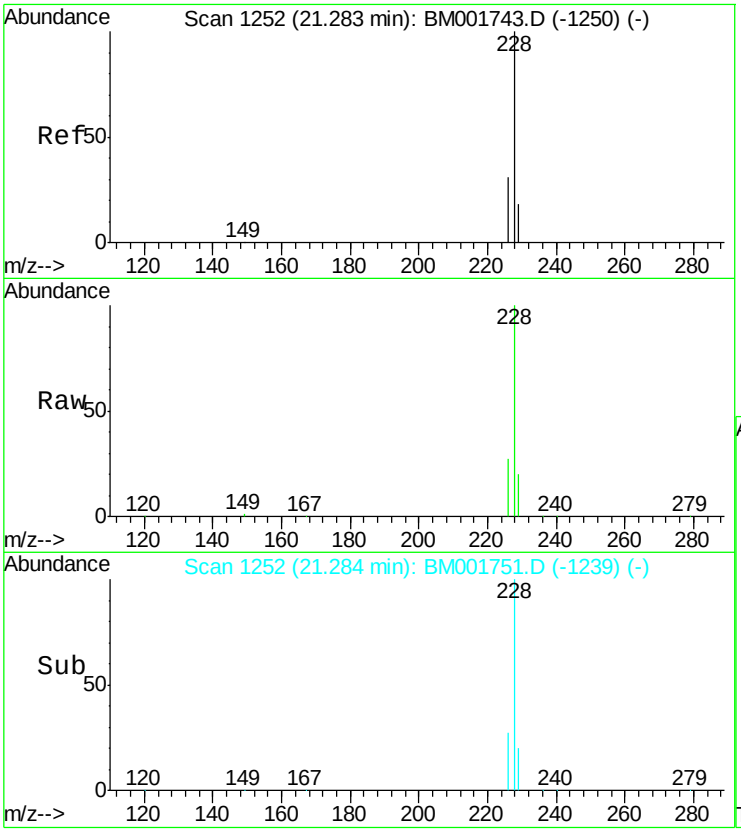


#28
Benzo(a)anthracene
Concen: 7.45 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.05 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Tgt Ion:228 Resp: 109176

Ion	Ratio	Lower	Upper
228	100		
226	27.1	18.9	28.3
229	20.4	16.6	25.0



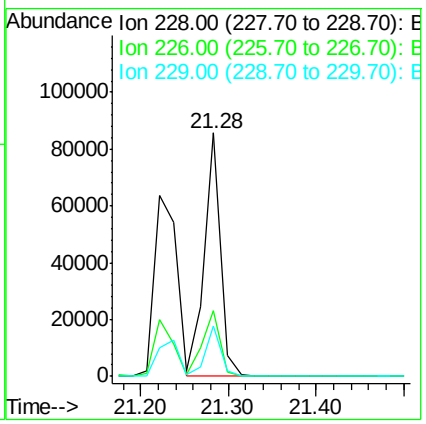


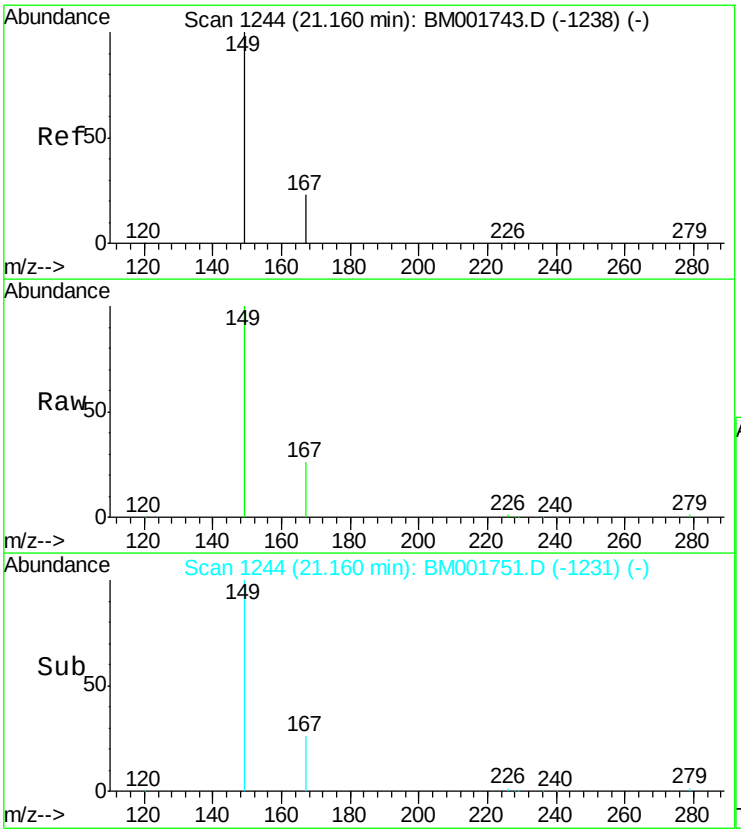
#29
Chrysene
Concen: 7.10 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 109430

Ion	Ratio	Lower	Upper
228	100		
226	27.1	24.3	36.5
229	20.4	15.0	22.6

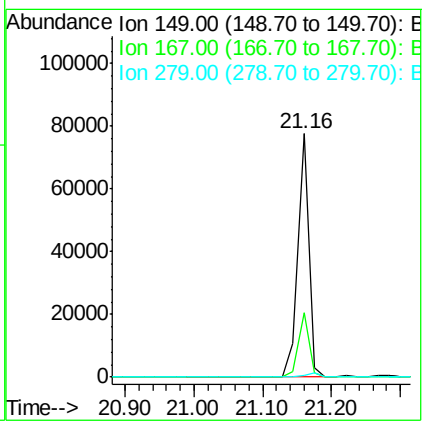


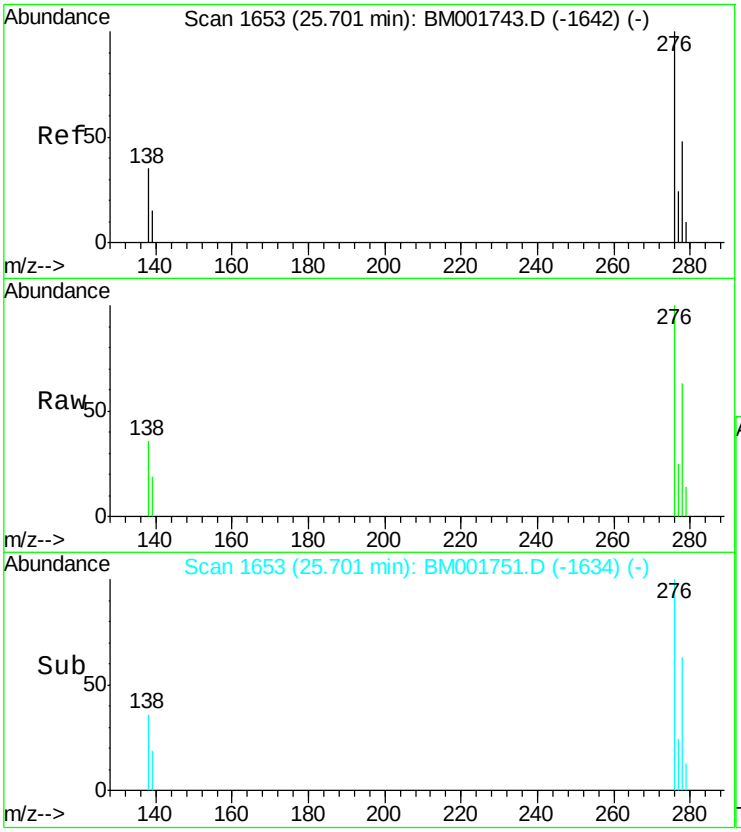


#30
Bis(2-ethylhexyl)phthalate
Concen: 10.03 ng
RT: 21.16 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Tgt Ion:149 Resp: 84818

Ion	Ratio	Lower	Upper
149	100		
167	25.7	19.7	29.5
279	1.8	1.6	2.4



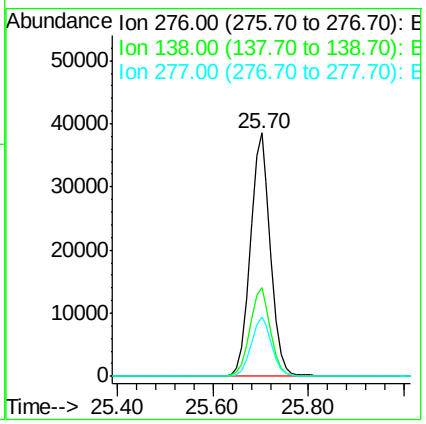


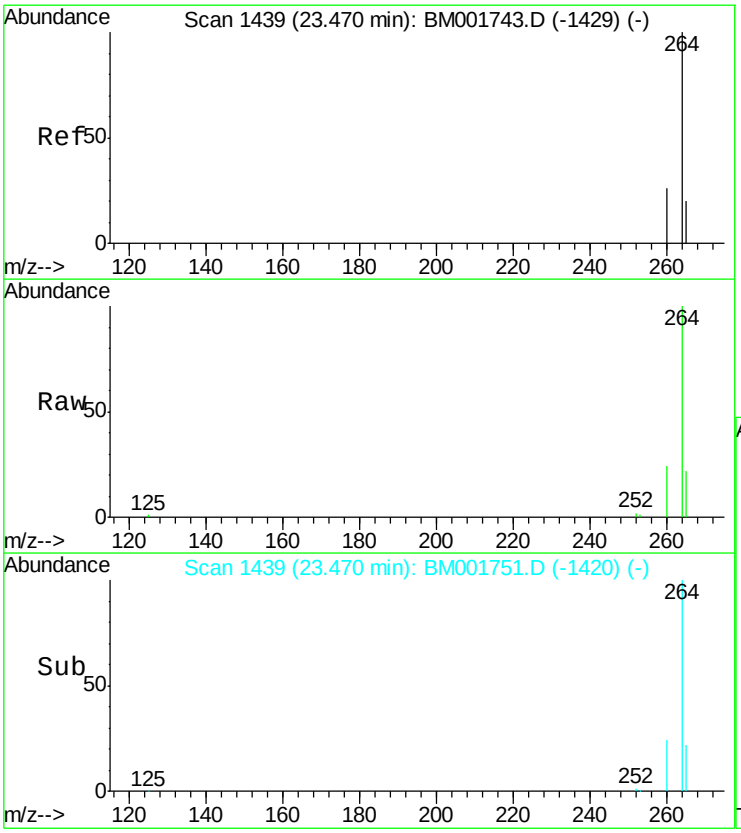
#31
Indeno(1,2,3-cd)pyrene
Concen: 7.61 ng
RT: 25.70 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 112770

Ion	Ratio	Lower	Upper
276	100		
138	37.0	29.0	43.6
277	24.7	19.7	29.5

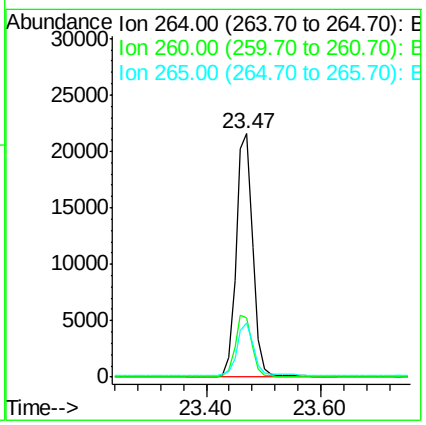


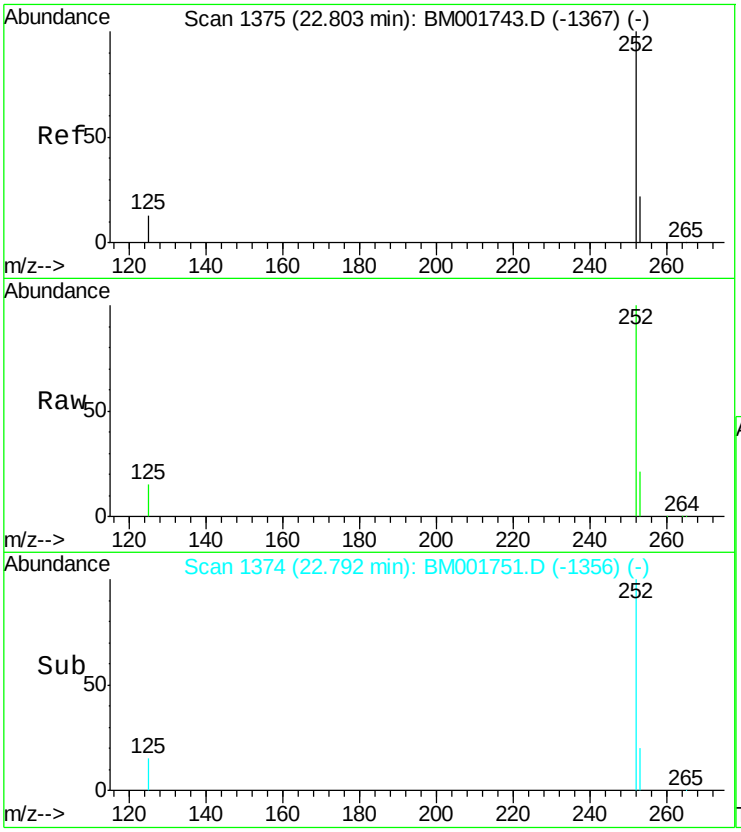


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Tgt Ion:264 Resp: 42758

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.8	31.2
265	22.5	16.8	25.2



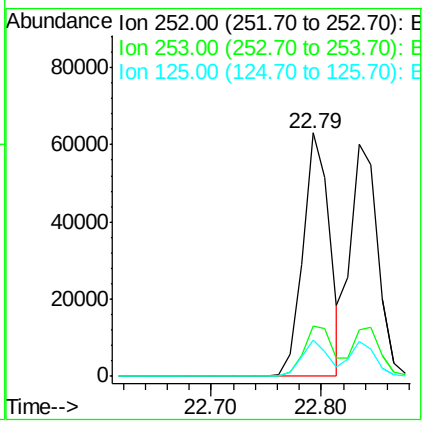


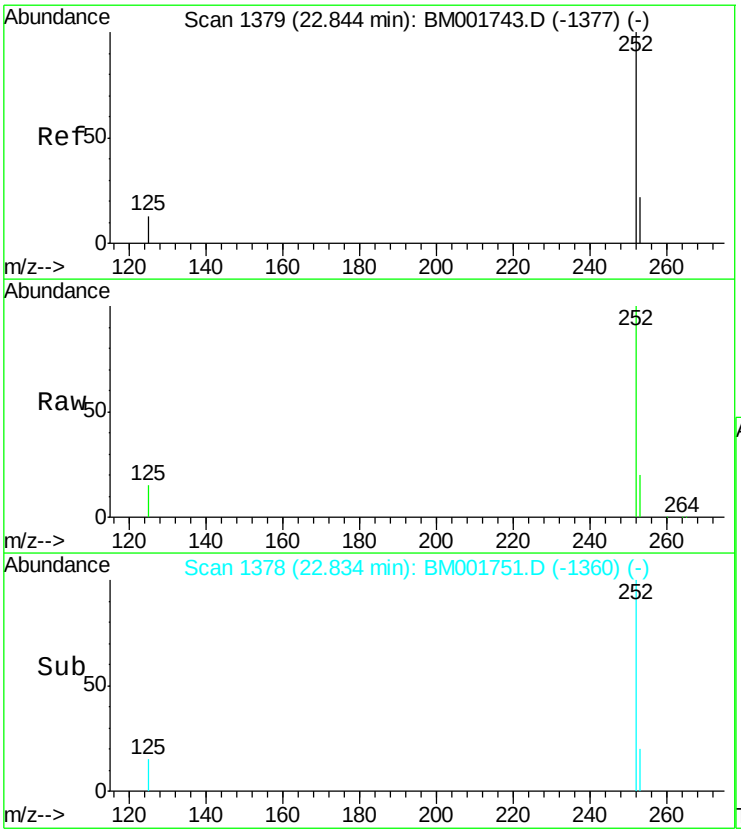
#33
Benzo(b)fluoranthene
Concen: 7.49 ng
RT: 22.79 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 105064

Ion	Ratio	Lower	Upper
252	100		
253	20.6	19.0	28.4
125	14.9	11.3	16.9

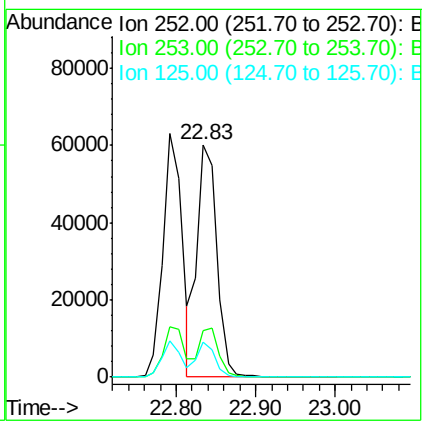


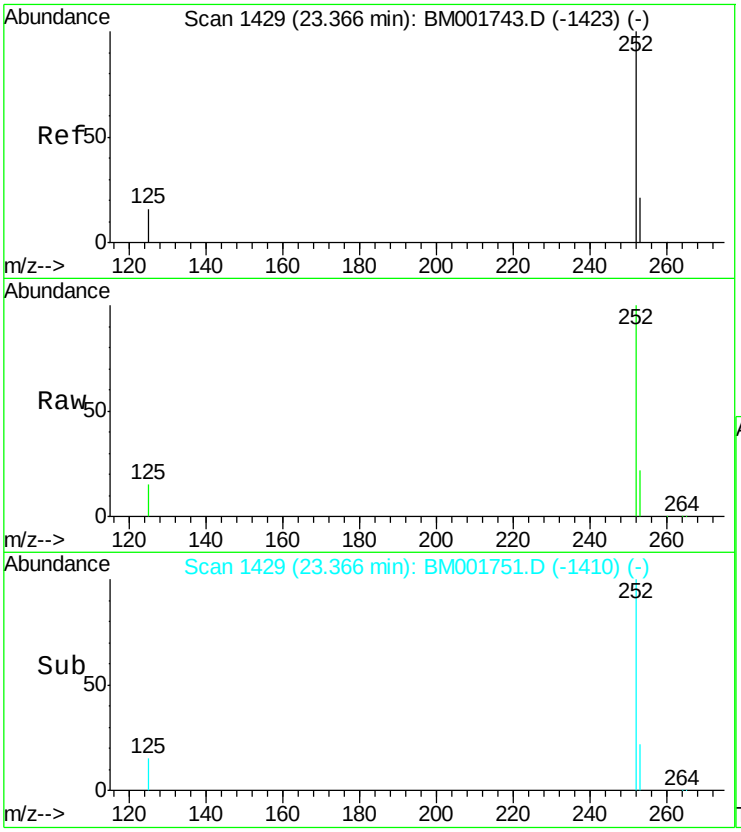


#34
Benzo(k)fluoranthene
Concen: 8.24 ng
RT: 22.83 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Tgt Ion:252 Resp: 103506

Ion	Ratio	Lower	Upper
252	100		
253	20.2	18.2	27.4
125	15.1	11.8	17.6



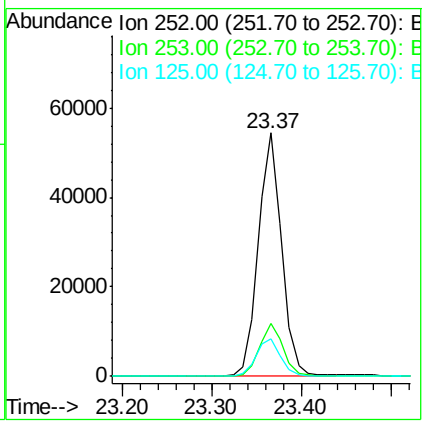


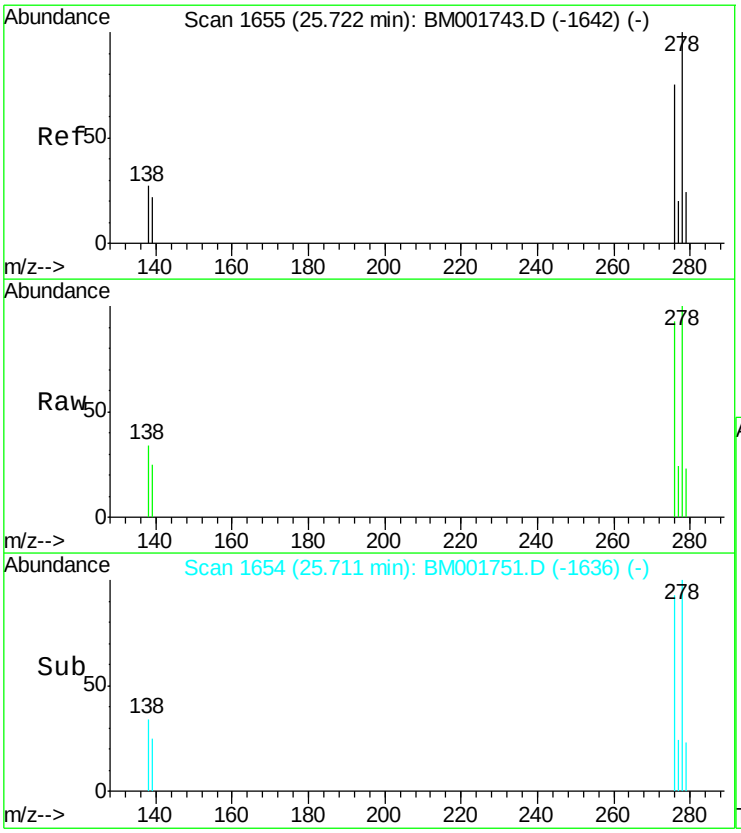
#35
Benzo(a)pyrene
Concen: 8.36 ng
RT: 23.37 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 98762

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	15.5	14.1	21.1

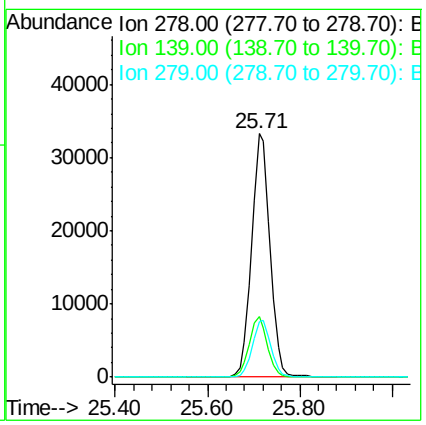


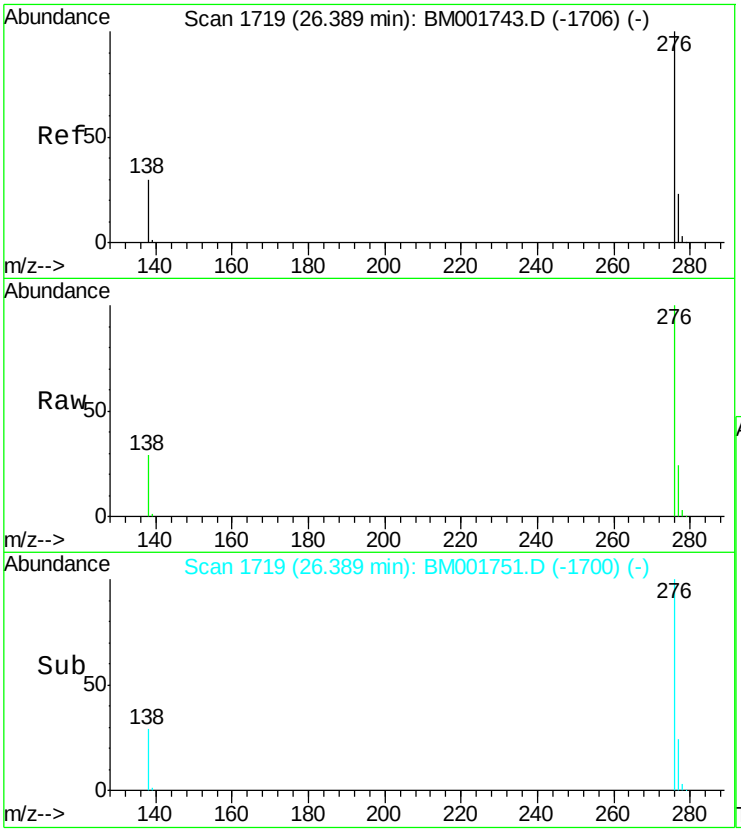


#36
Dibenzo(a,h)anthracene
Concen: 7.84 ng
RT: 25.71 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Tgt Ion:278 Resp: 91731

Ion	Ratio	Lower	Upper
278	100		
139	25.0	18.4	27.6
279	22.9	19.8	29.8





#37
Benzo(g,h,i)perylene
Concen: 7.68 ng
RT: 26.39 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 94483

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	29.4	24.7	37.1