Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003753.D
Acq On : 23 Dec 2015 22:34
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 24 01:28:16 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 01:22:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	48188	5.00	ng		0.00
7) Naphthalene-d8	10.48	136	215172	5.00	ng		0.00
13) Acenaphthene-d10	14.33	164	123976	5.00	ng		0.00
19) Phenanthrene-d10	17.09	188	217538	5.00	ng		0.03
26) Chrysene-d12	21.29	240	233823	5.00	ng		0.00
35) Perylene-d12	23.53	264	177676	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	115094	11.79	ng		0.00
5) Phenol-d6	6.87	99	151677	12.77	ng		0.00
8) Nitrobenzene-d5	8.84	82	122446	12.16	ng		-0.01
14) 2,4,6-Tribromophenol	15.84	330	39566	15.29	ng		0.00
15) 2-Fluorobiphenyl	12.95	172	359369	9.64	ng		0.00
29) Terphenyl-d14	19.72	244	364075	9.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	43411	9.91	ng		96
3) n-Nitrosodimethylamine	3.49	42	51952	11.62	ng		94
6) bis(2-Chloroethyl)ether	7.11	93	126373	11.03	ng		100
9) Nitrobenzene	8.88	77	142850	13.05	ng		96
10) Naphthalene	10.51	128	476672	10.26	ng		99
11) Hexachlorobutadiene	10.80	225	74461	10.48	ng		99
12) 2-Methylnaphthalene	12.14	142	323942	10.26	ng		97
16) Acenaphthylene	14.04	152	605266	12.39	ng		100
17) Acenaphthene	14.39	154	356815	10.78	ng		98
18) Fluorene	15.39	166	410904	11.07	ng		99
20) 4-Bromophenyl-phenylether	16.27	248	141936	20.10	ng		96
21) Hexachlorobenzene	16.40	284	129611	15.99	ng	#	98
22) Pentachlorophenol	16.73	266	48542	20.28	ng	#	71
23) Phenanthrene	17.11	178	771304	16.80	ng		100
24) Anthracene	17.22	178	549957	12.31	ng		100
25) Fluoranthene	19.14	202	725287	15.92	ng		100
27) Benzidine	19.33	184	312224	16.63	ng	#	93
28) Pyrene	19.52	202	759088	9.01	ng		100
30) Benzo(a)anthracene	21.27	228	1299833	20.66	ng		95
31) 3,3'-Dichlorobenzidine	21.21	252	254050	15.29	ng		94
32) Chrysene	21.27	228	1301018	17.83	ng	#	89
33) Bis(2-ethylhexyl)phthalate	21.19	149	530170	16.25	ng	#	98
34) Indeno(1,2,3-cd)pyrene	25.78	276	490445	8.94	ng		100
36) Benzo(b)fluoranthene	22.85	252	565620	10.45	ng		97
37) Benzo(k)fluoranthene	22.89	252	548470	11.36	ng		97
38) Benzo(a)pyrene	23.42	252	519861	11.68	ng		97
39) Dibenzo(a,h)anthracene	25.79	278	395149	9.73	ng		98
40) Benzo(g,h,i)perylene	26.47	276	401767	9.34	ng		98

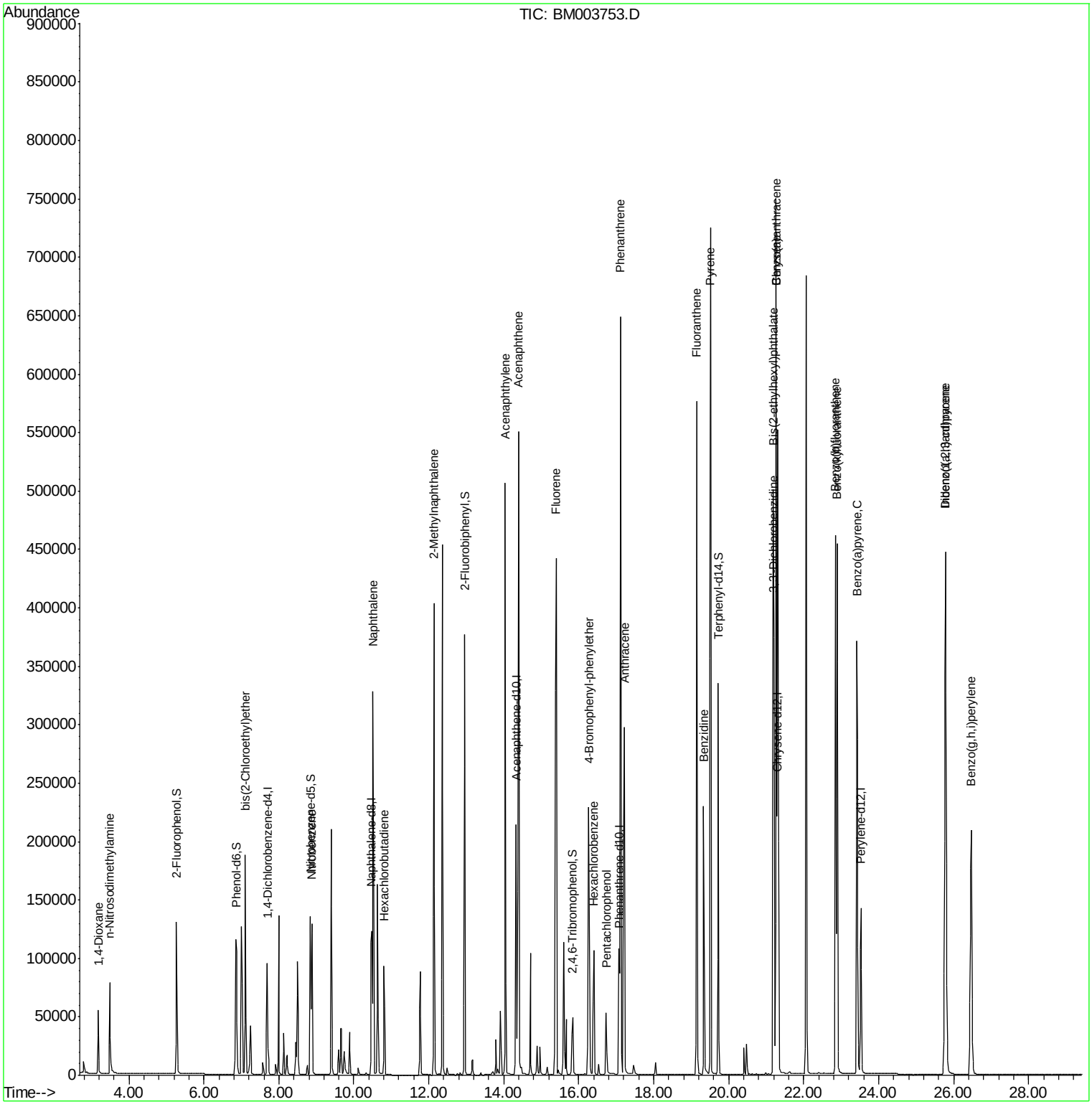
(#) = qualifier out of range (m) = manual integration (+) = signals summed

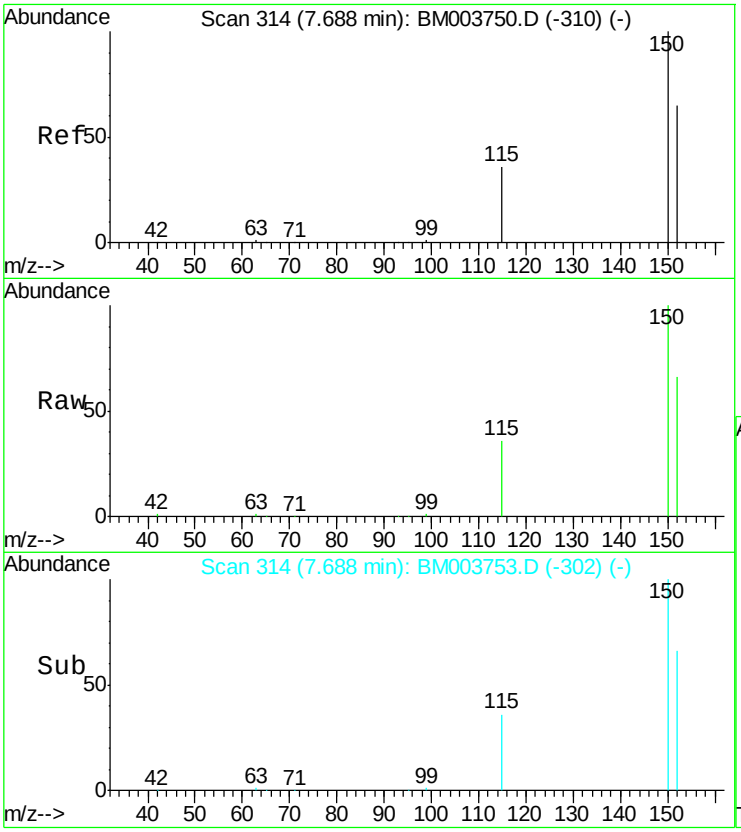
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003753.D
Acq On : 23 Dec 2015 22:34
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 24 01:28:16 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 01:22:48 2015
Response via : Initial Calibration



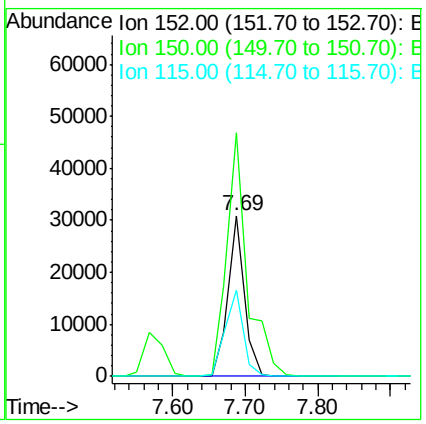


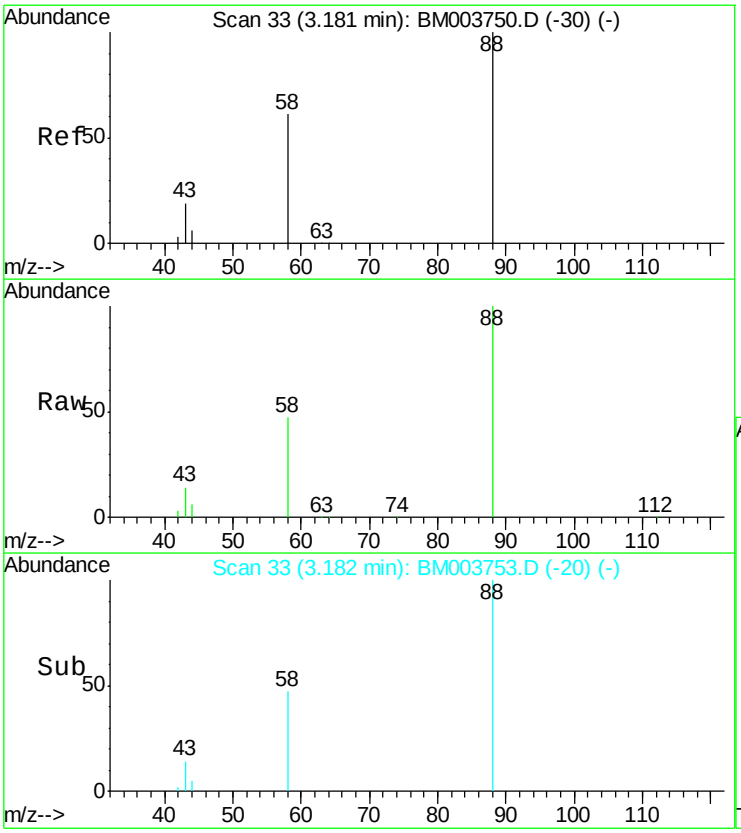
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 48188

Ion	Ratio	Lower	Upper
152	100		
150	151.6	122.9	184.3
115	54.0	44.4	66.6

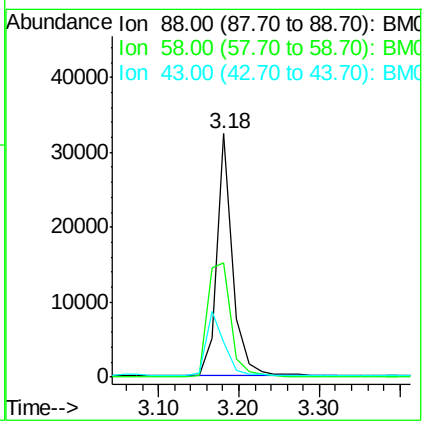


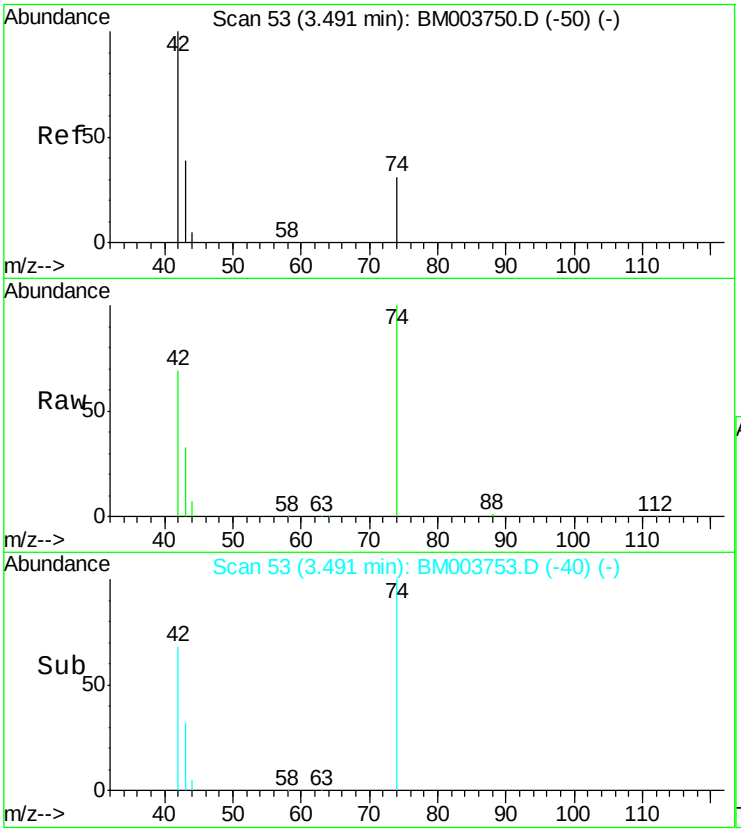


#2
1,4-Dioxane
Concen: 9.91 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Tgt Ion: 88 Resp: 43411

Ion	Ratio	Lower	Upper
88	100		
58	71.2	53.8	80.6
43	30.4	23.8	35.6



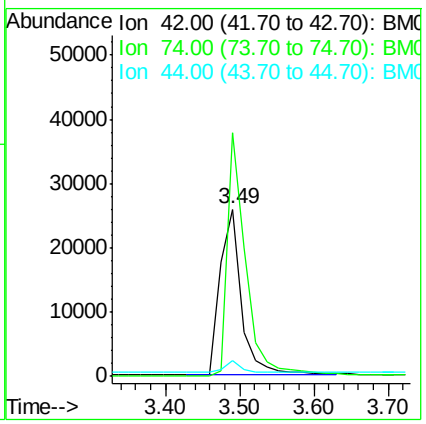


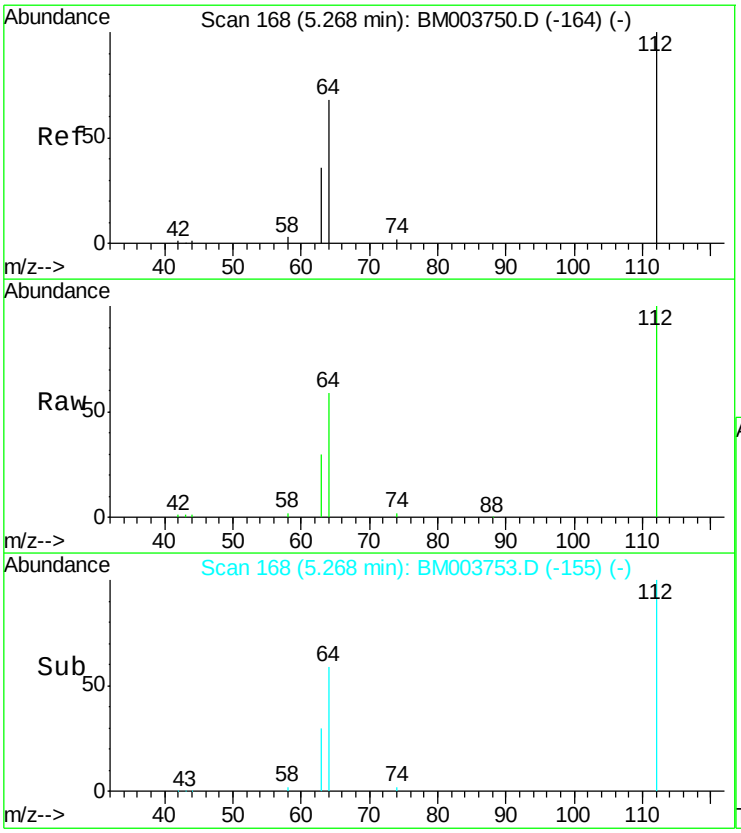
#3
n-Nitrosodimethylamine
Concen: 11.62 ng
RT: 3.49 min Scan# 53
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 42 Resp: 51952

Ion	Ratio	Lower	Upper
42	100		
74	125.4	95.0	142.4
44	6.0	5.1	7.7

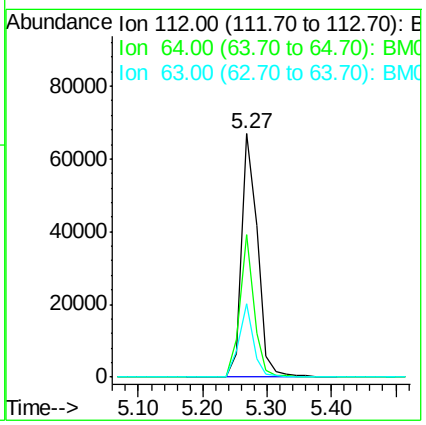


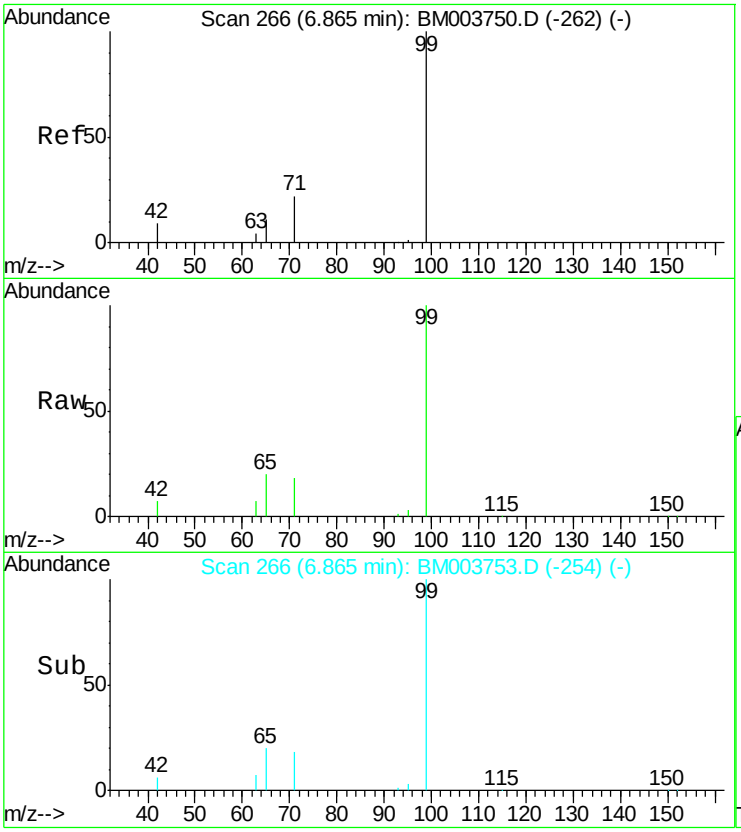


#4
2-Fluorophenol
Concen: 11.79 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Tgt Ion:112 Resp: 115094

Ion	Ratio	Lower	Upper
112	100		
64	52.0	41.8	62.8
63	27.3	22.1	33.1



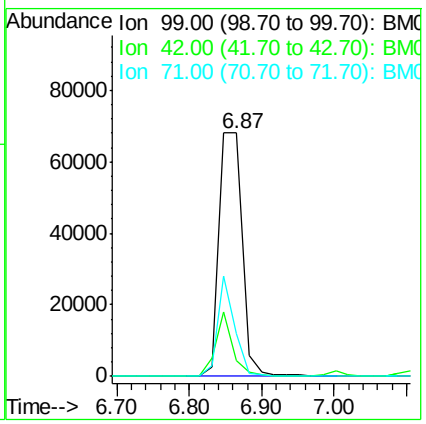


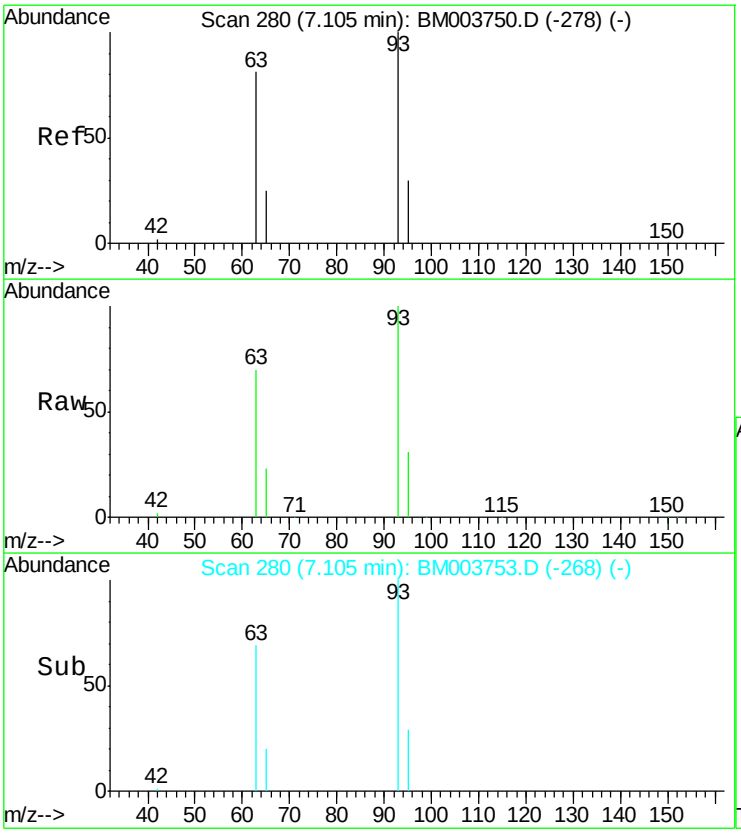
#5
Phenol-d6
Concen: 12.77 ng
RT: 6.87 min Scan# 266
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 151677

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.2	24.2
71	30.2	24.4	36.6

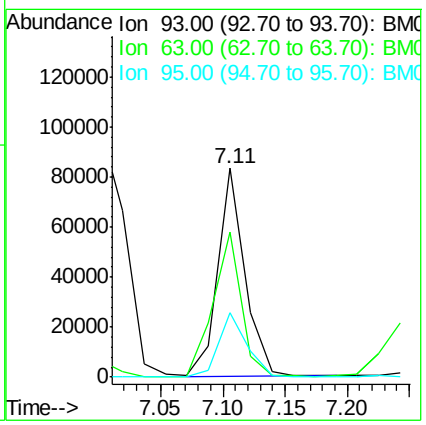


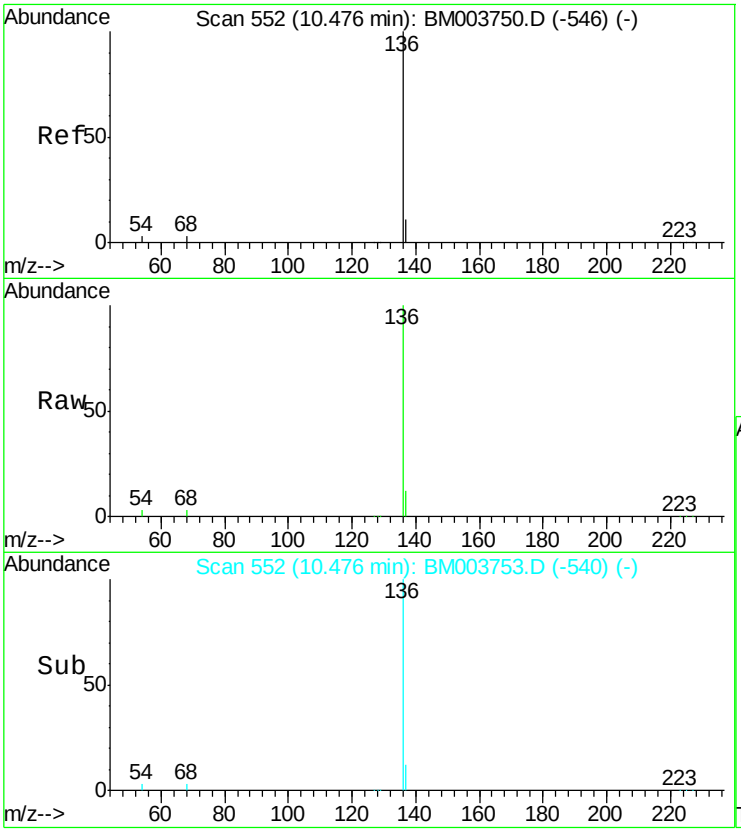


#6
bis(2-Chloroethyl)ether
Concen: 11.03 ng
RT: 7.11 min Scan# 280
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Tgt Ion: 93 Resp: 126373

Ion	Ratio	Lower	Upper
93	100		
63	73.0	58.3	87.5
95	32.6	25.8	38.8



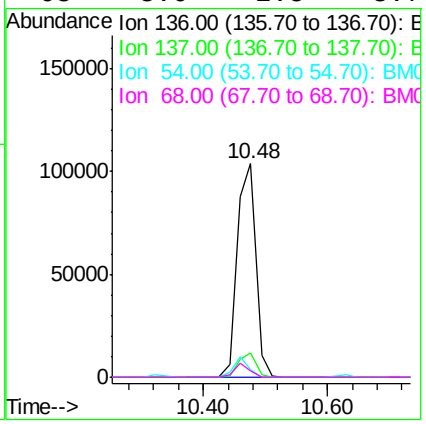


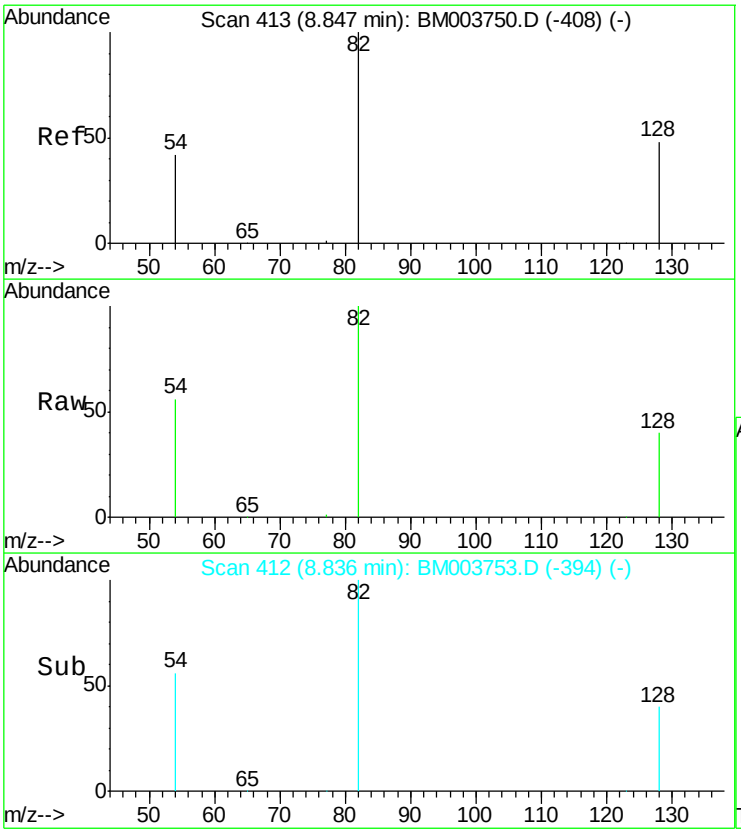
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.48 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 215172

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	3.3	2.8	4.2
68	3.0	2.5	3.7

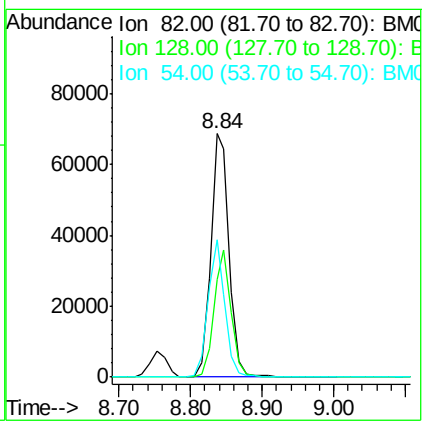


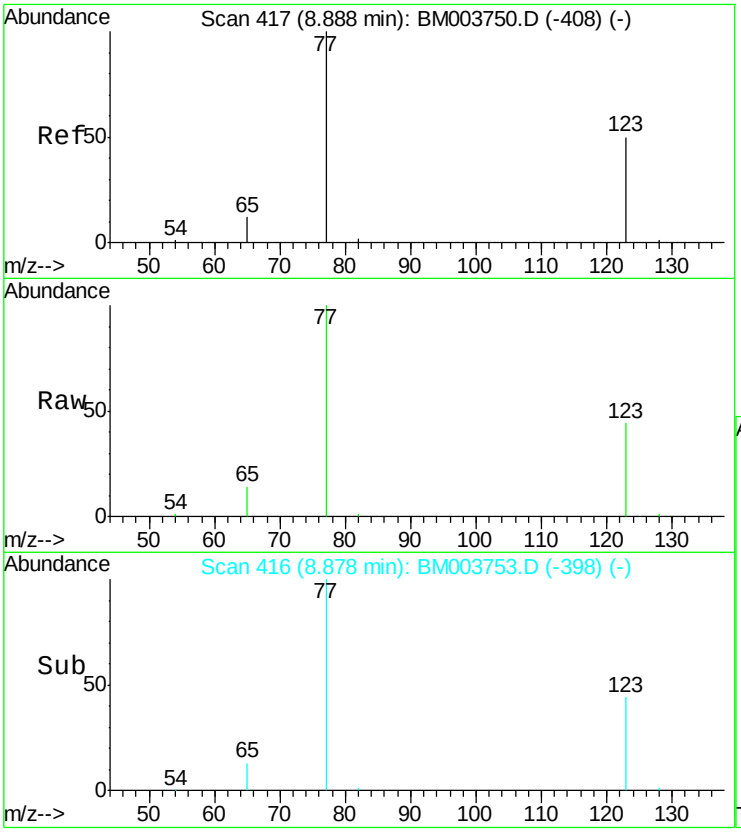


#8
Nitrobenzene-d5
Concen: 12.16 ng
RT: 8.84 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Tgt Ion: 82 Resp: 122446

Ion	Ratio	Lower	Upper
82	100		
128	40.4	39.1	58.7
54	56.3	34.8	52.2#



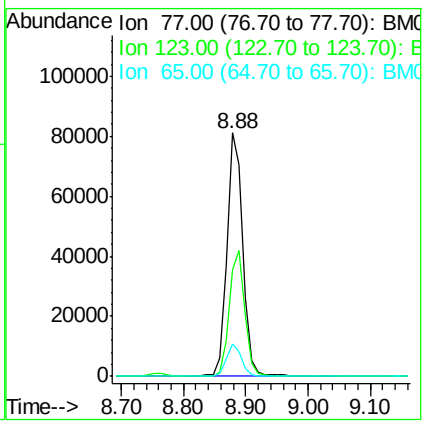


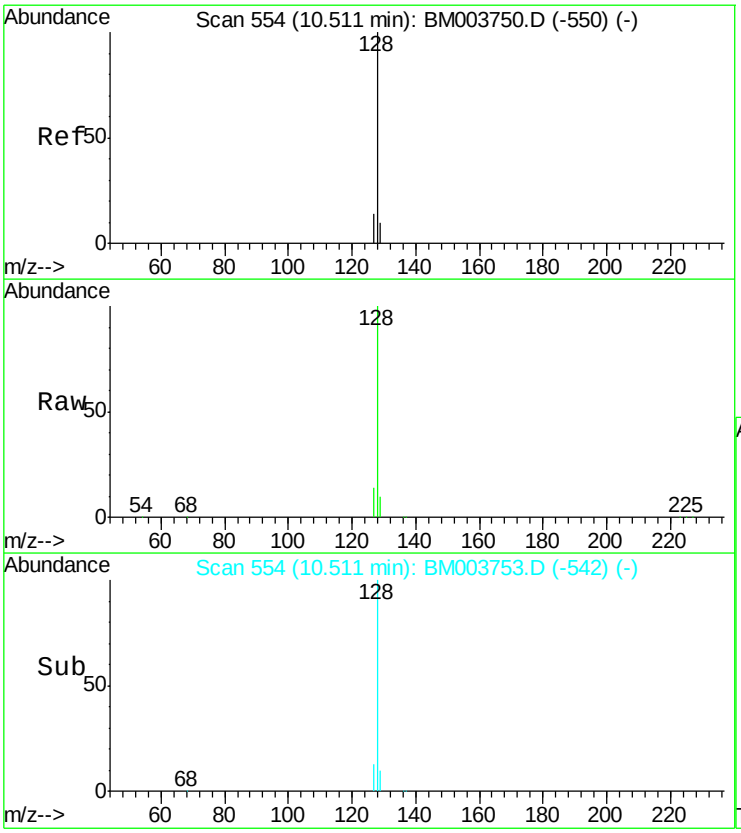
#9
Nitrobenzene
Concen: 13.05 ng
RT: 8.88 min Scan# 416
Delta R.T. -0.01 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 142850

Ion	Ratio	Lower	Upper
77	100		
123	51.2	38.6	57.8
65	13.1	9.9	14.9

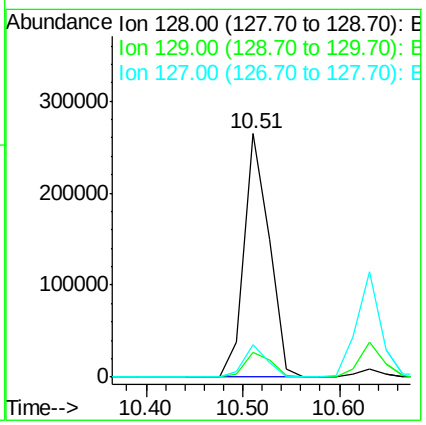


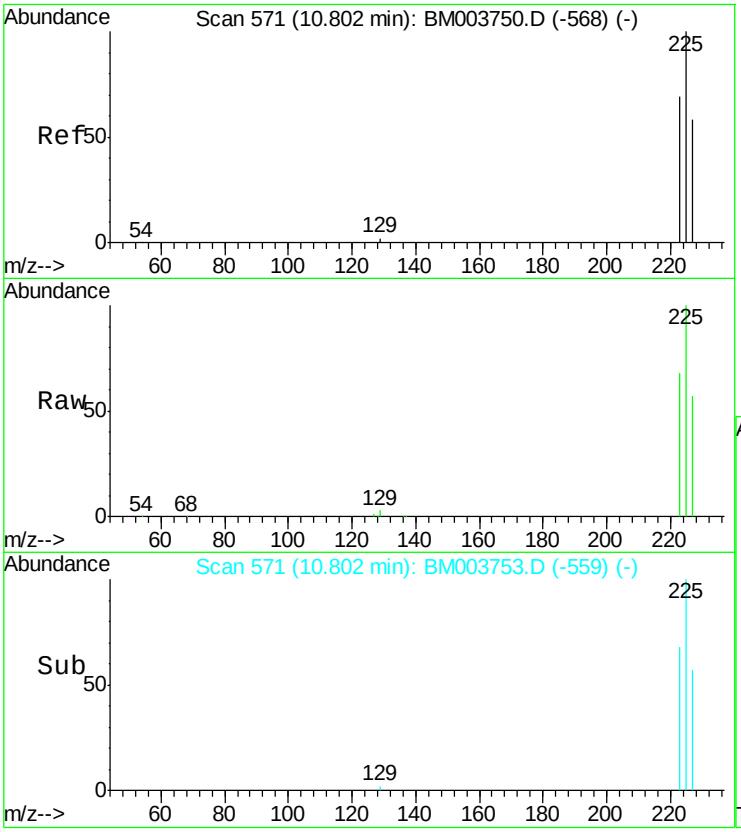


#10
Naphthalene
Concen: 10.26 ng
RT: 10.51 min Scan# 554
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Tgt Ion:128 Resp: 476672

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.5	12.7
127	13.5	11.0	16.4



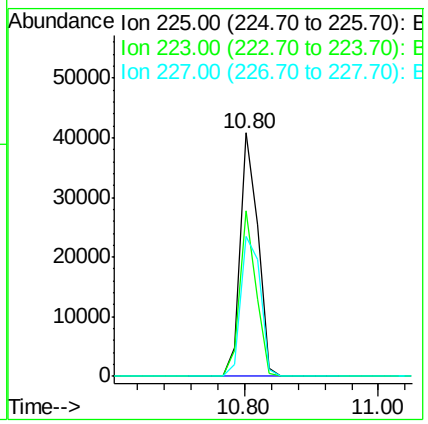


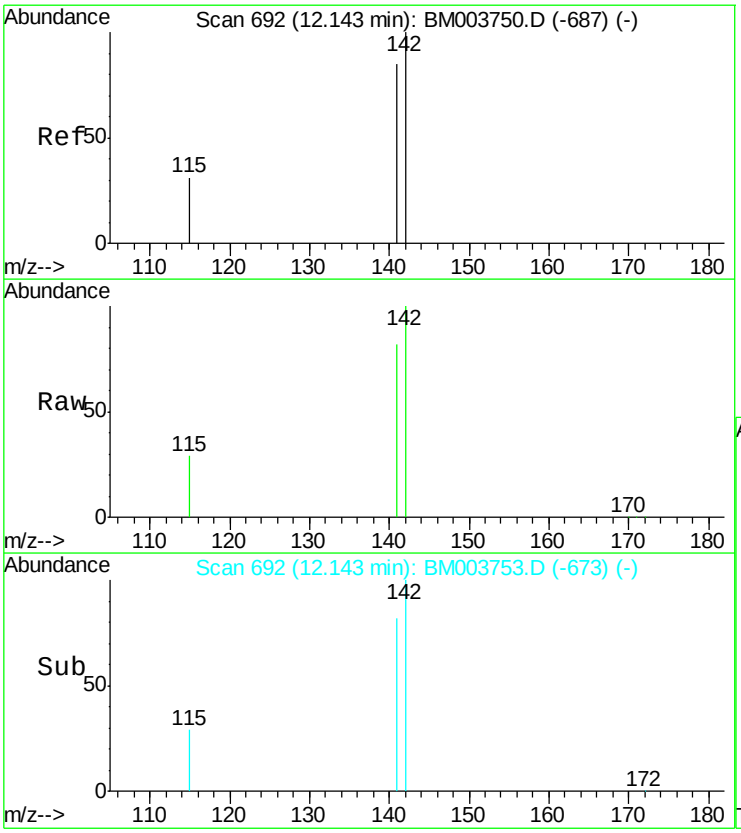
#11
Hexachlorobutadiene
Concen: 10.48 ng
RT: 10.80 min Scan# 571
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:225 Resp: 74461

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.9	76.3
227	63.8	51.2	76.8

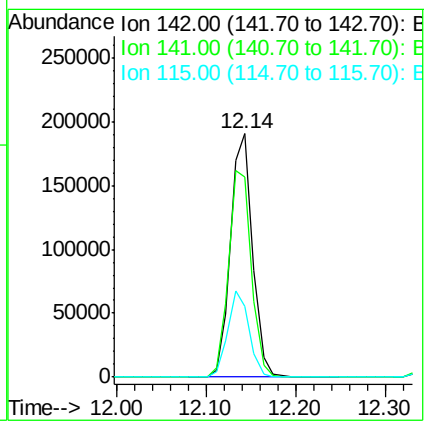


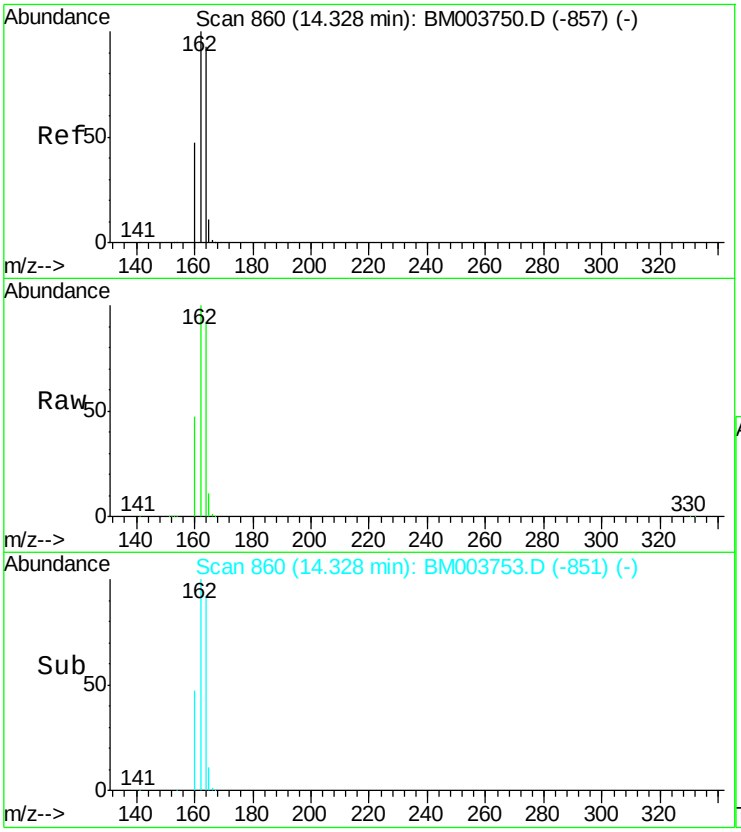


#12
2-Methylnaphthalene
Concen: 10.26 ng
RT: 12.14 min Scan# 692
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Tgt Ion:142 Resp: 323942

Ion	Ratio	Lower	Upper
142	100		
141	82.4	67.8	101.8
115	29.1	25.3	37.9



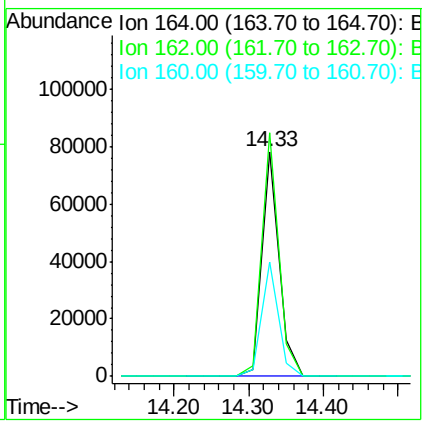


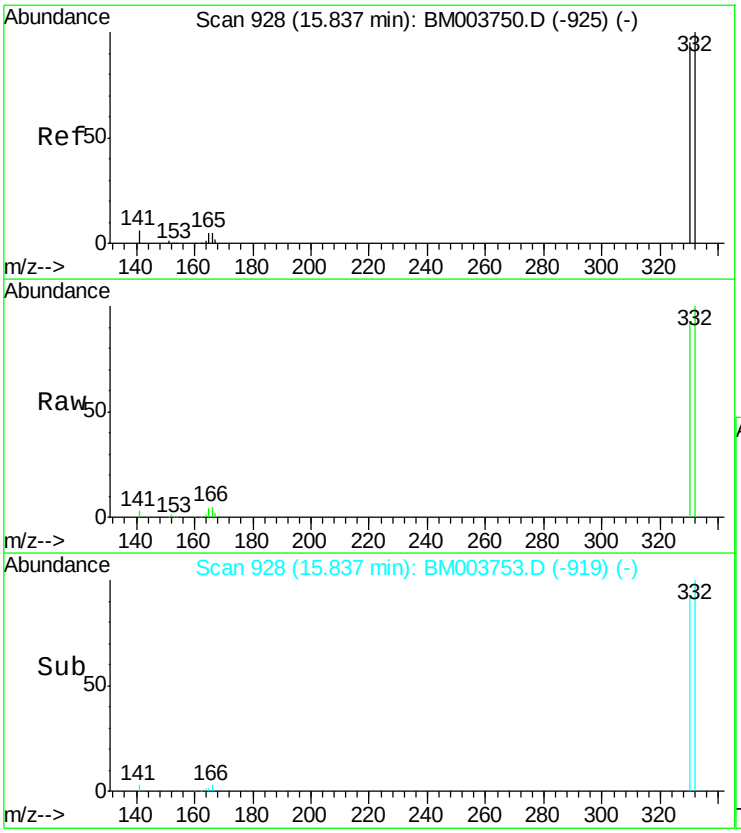
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.33 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 123976

Ion	Ratio	Lower	Upper
164	100		
162	108.4	86.0	129.0
160	51.0	40.3	60.5

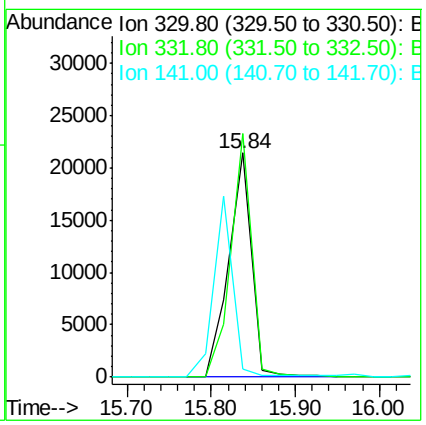


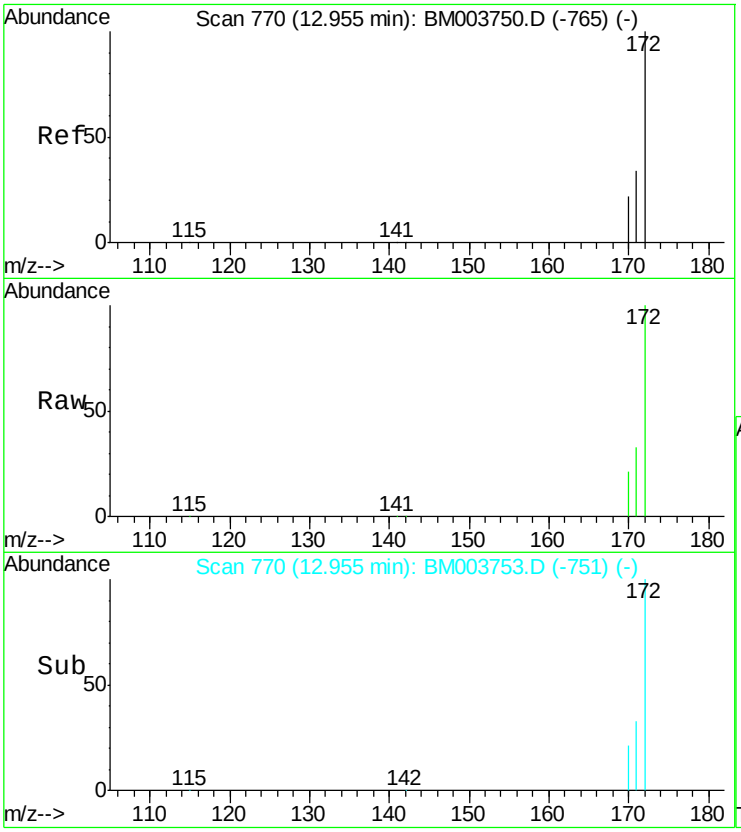


#14
2,4,6-Tribromophenol
Concen: 15.29 ng
RT: 15.84 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Tgt Ion:330 Resp: 39566

Ion	Ratio	Lower	Upper
330	100		
332	99.1	79.0	118.4
141	0.0	0.0	0.0



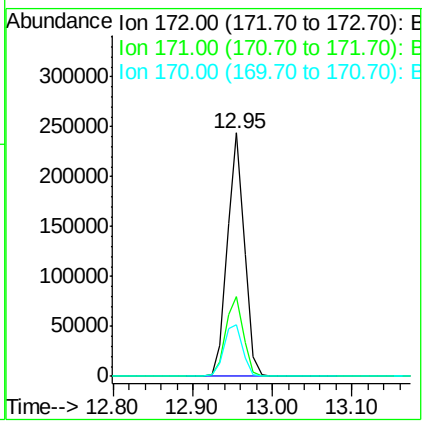


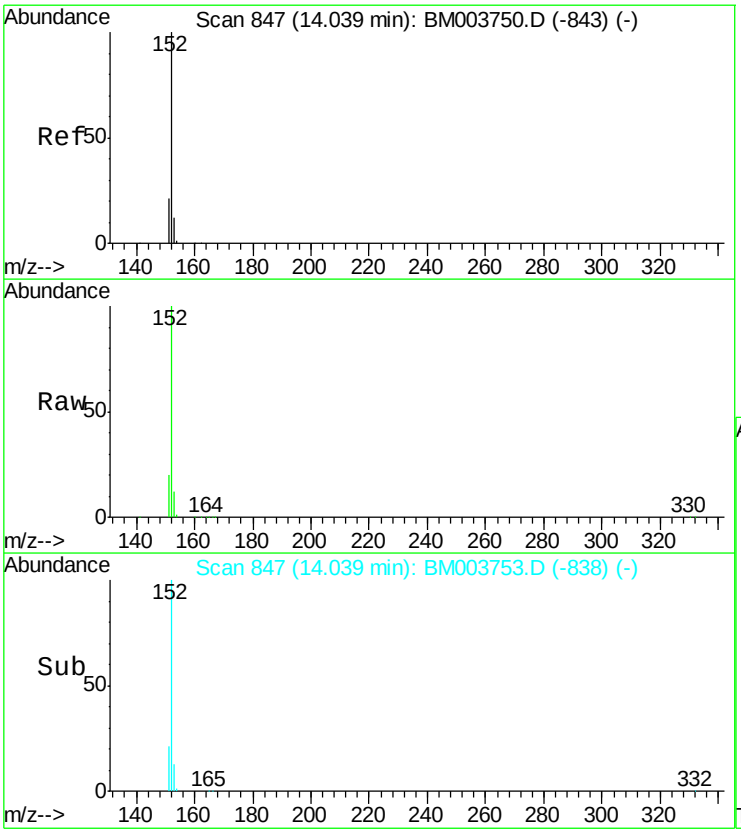
#15
2-Fluorobiphenyl
Concen: 9.64 ng
RT: 12.95 min Scan# 770
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 359369

Ion	Ratio	Lower	Upper
172	100		
171	32.9	27.0	40.6
170	21.2	17.9	26.9

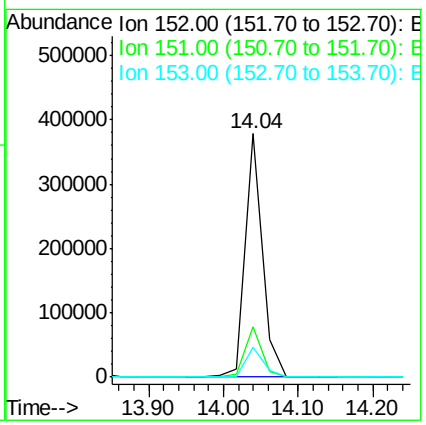


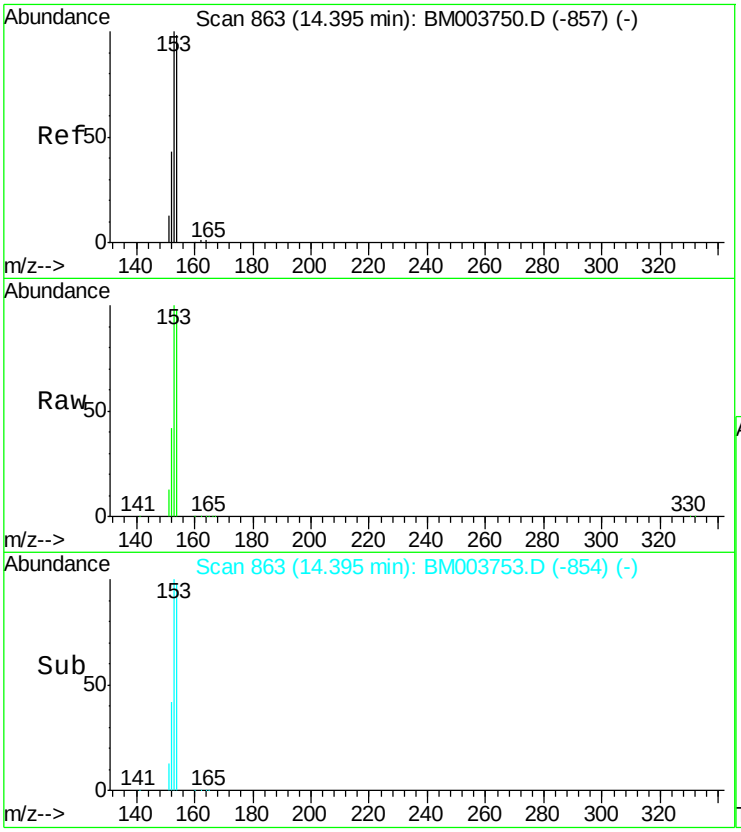


#16
Acenaphthylene
Concen: 12.39 ng
RT: 14.04 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Tgt Ion:152 Resp: 605266

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	12.9	10.2	15.4



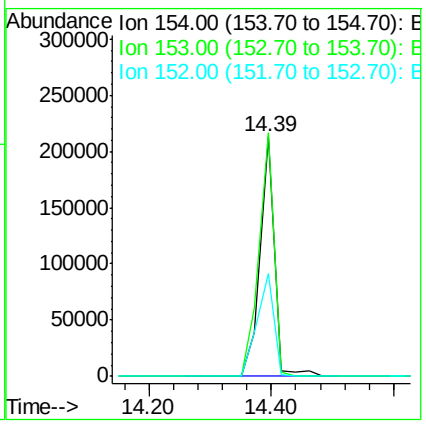


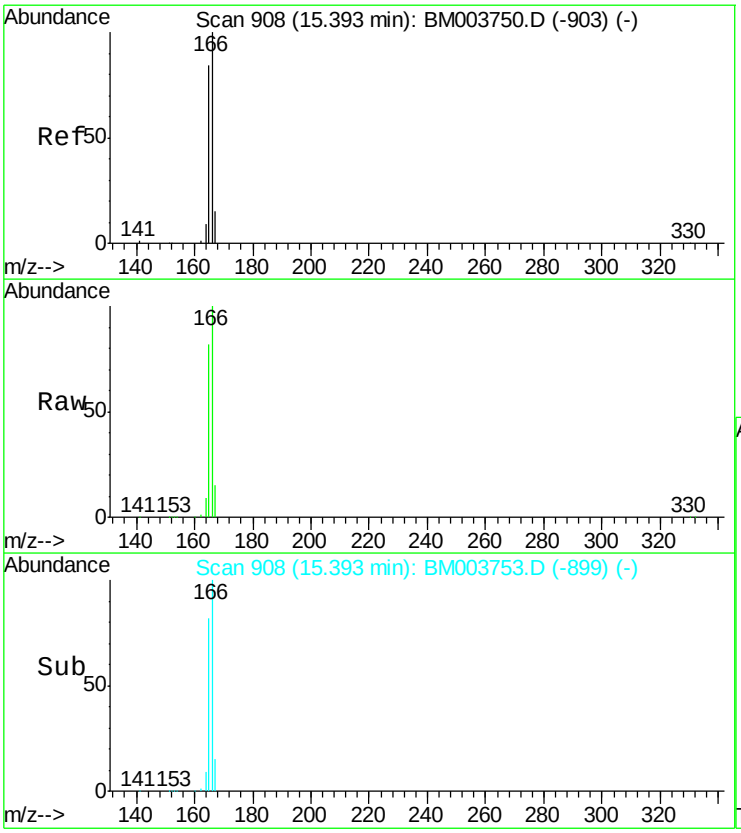
#17
Acenaphthene
Concen: 10.78 ng
RT: 14.39 min Scan# 863
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 356815

Ion	Ratio	Lower	Upper
154	100		
153	104.8	85.4	128.2
152	49.2	40.6	60.8

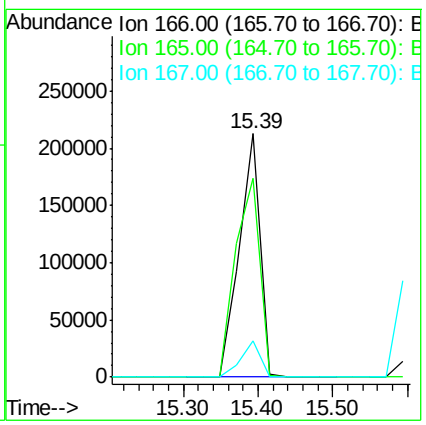


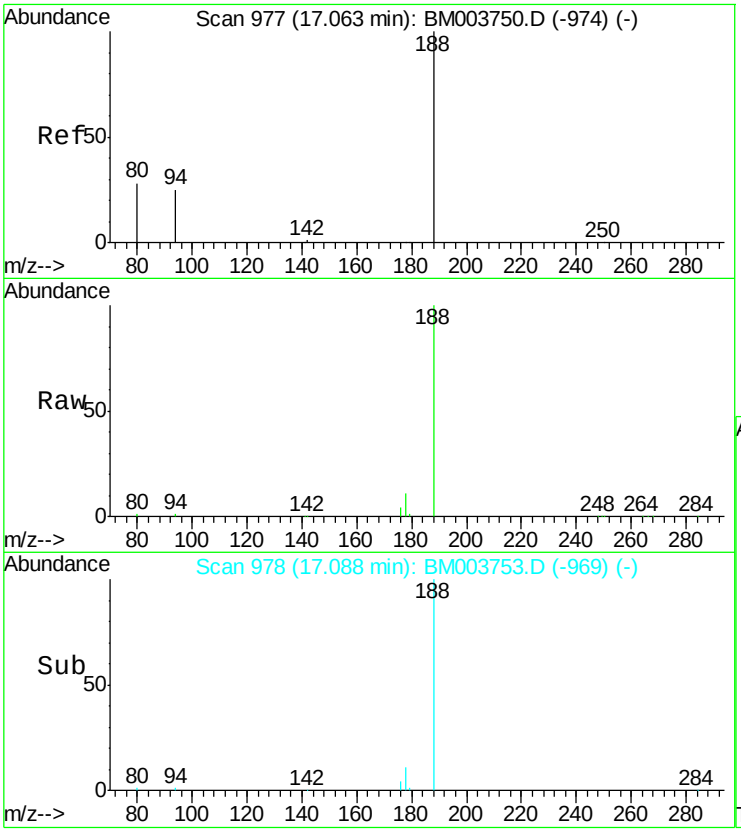


#18
Fluorene
Concen: 11.07 ng
RT: 15.39 min Scan# 908
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Tgt Ion:166 Resp: 410904

Ion	Ratio	Lower	Upper
166	100		
165	95.4	77.2	115.8
167	13.8	11.0	16.6



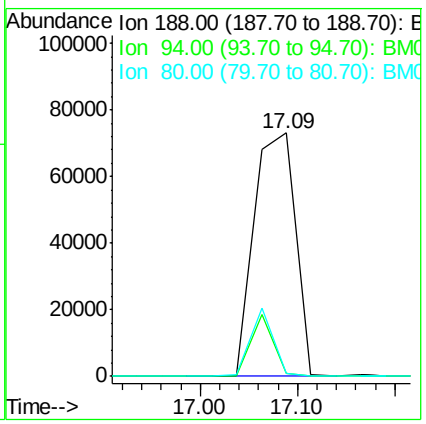


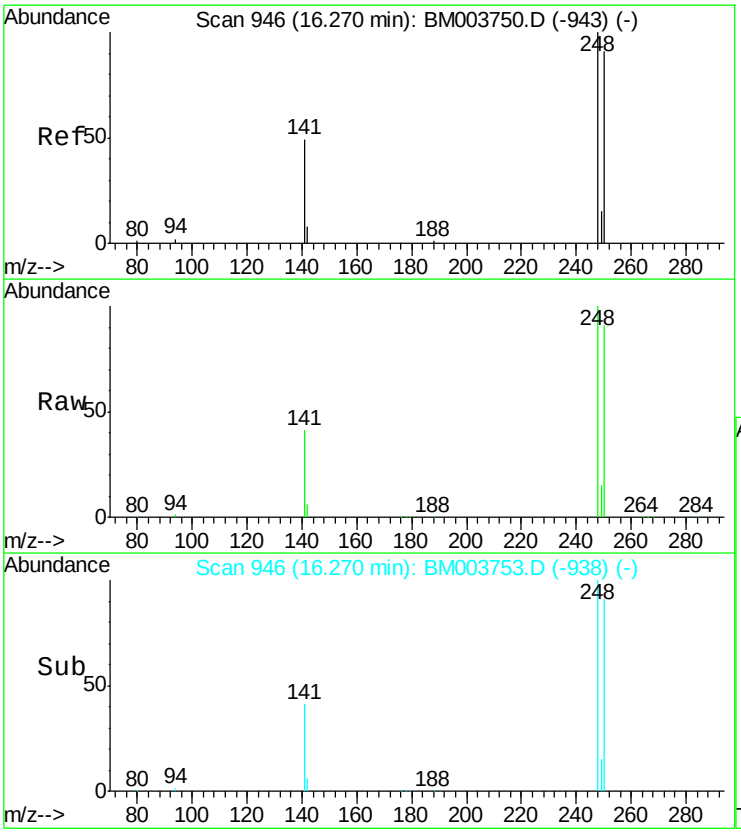
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 978
Delta R.T. 0.03 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 217538

Ion	Ratio	Lower	Upper
188	100		
94	1.4	20.3	30.5#
80	1.1	22.2	33.4#

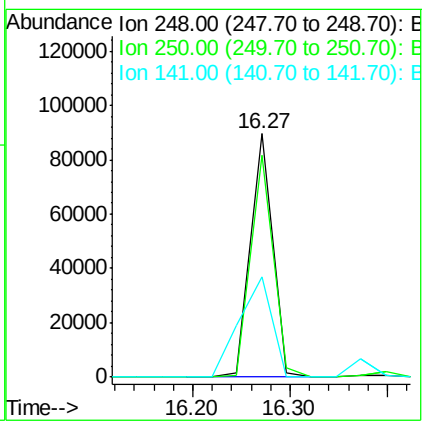


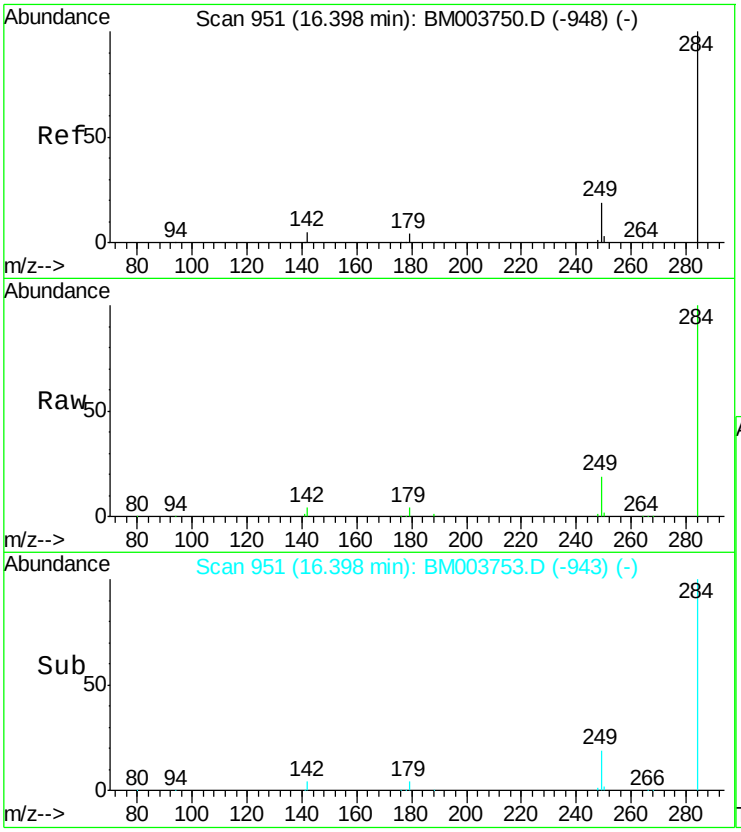


#20
4-Bromophenyl-phenylether
Concen: 20.10 ng
RT: 16.27 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Tgt Ion:248 Resp: 141936

Ion	Ratio	Lower	Upper
248	100		
250	92.5	75.0	112.4
141	60.8	53.0	79.4



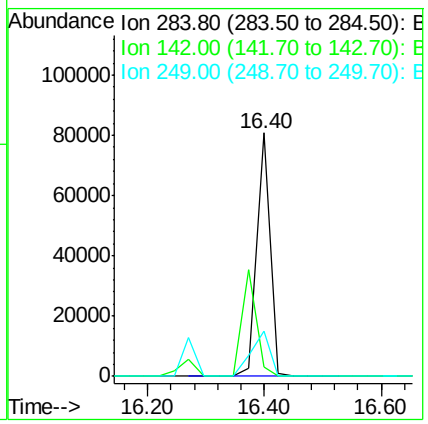


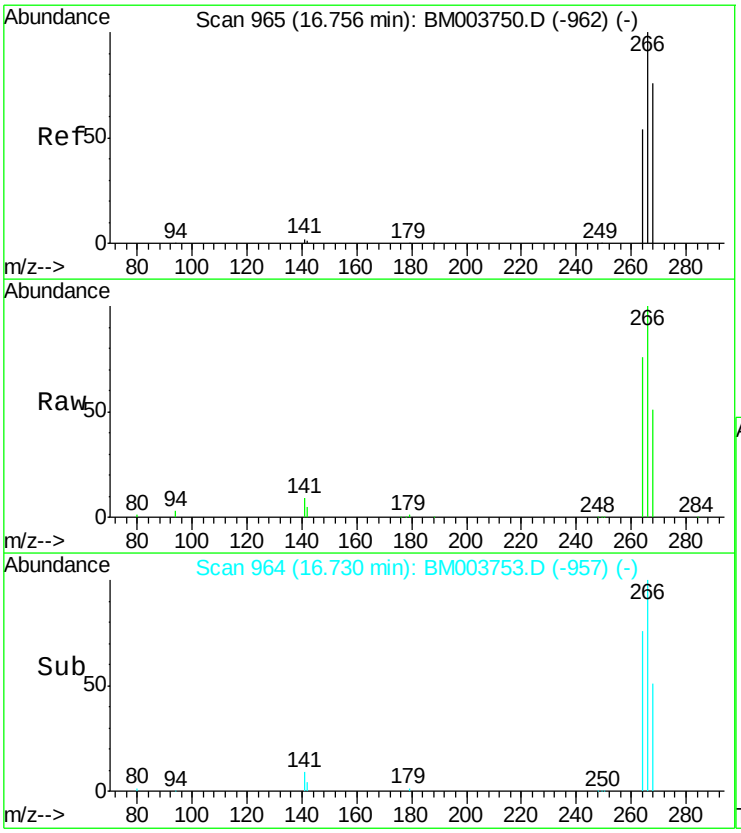
#21
Hexachlorobenzene
Concen: 15.99 ng
RT: 16.40 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 129611

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	26.0	21.5	32.3

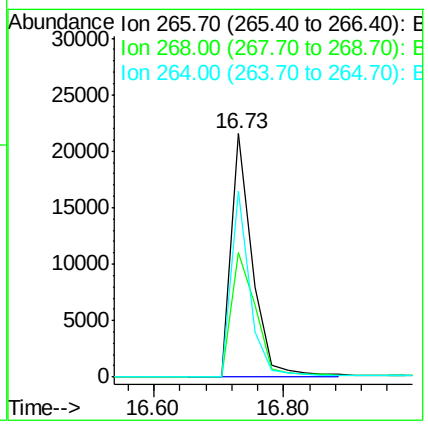


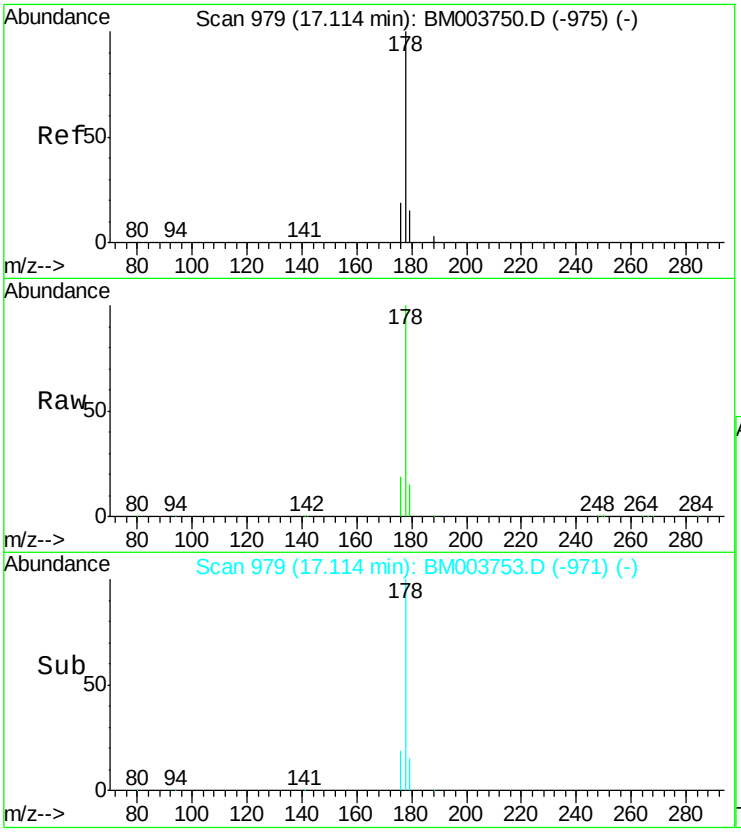


#22
Pentachlorophenol
Concen: 20.28 ng
RT: 16.73 min Scan# 964
Delta R.T. -0.03 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Tgt Ion:266 Resp: 48542

Ion	Ratio	Lower	Upper
266	100		
268	51.3	62.7	94.1#
264	76.4	45.7	68.5#



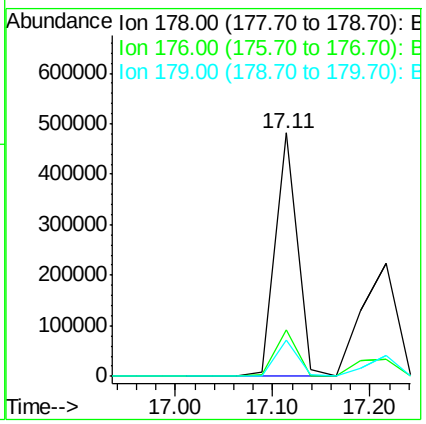


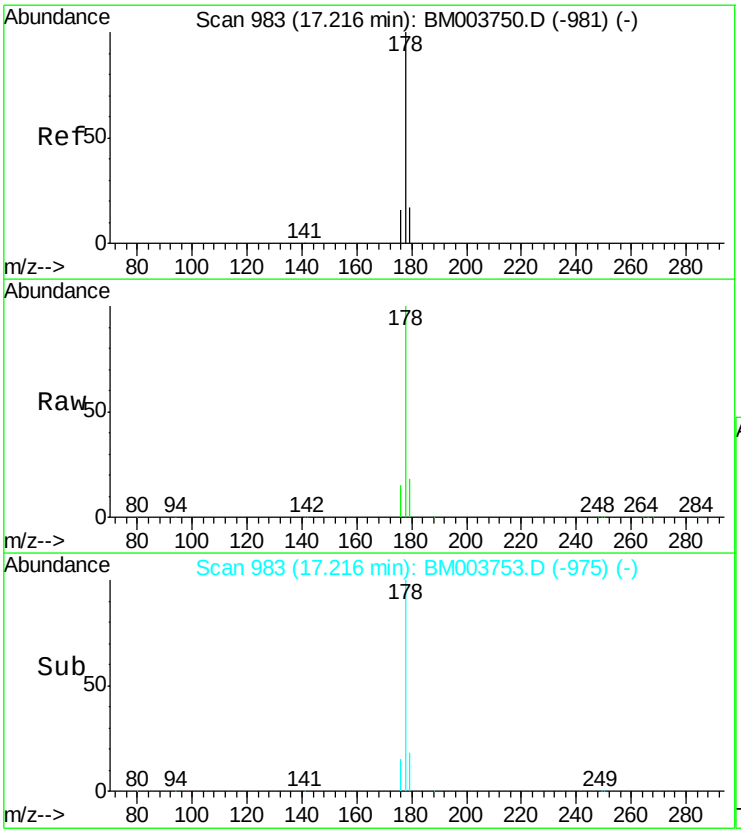
#23
Phenanthrene
Concen: 16.80 ng
RT: 17.11 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 771304

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.2	12.2	18.4

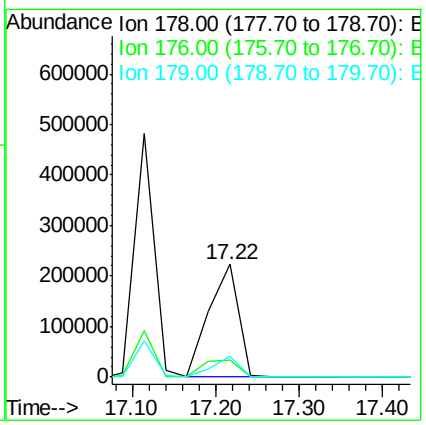


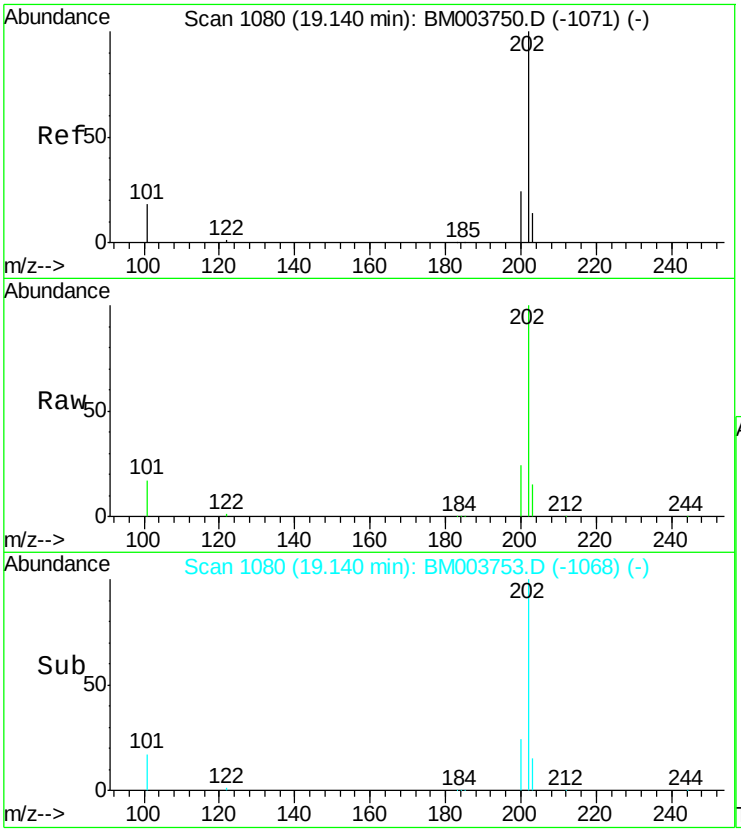


#24
Anthracene
Concen: 12.31 ng
RT: 17.22 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Tgt Ion:178 Resp: 549957

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.9	12.6	19.0



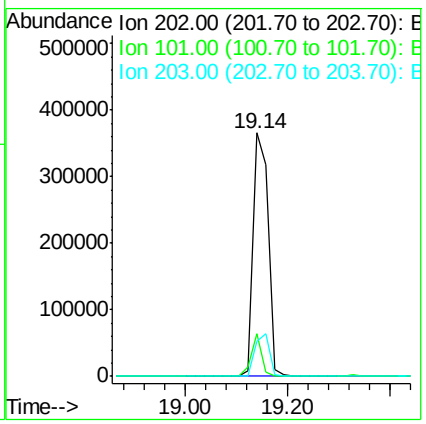


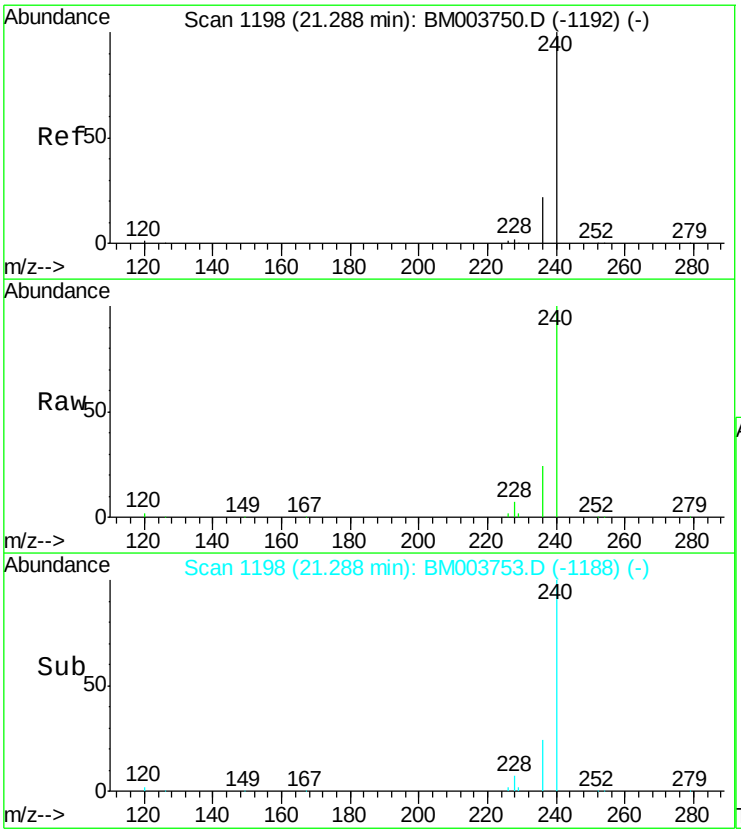
#25
Fluoranthene
Concen: 15.92 ng
RT: 19.14 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 725287

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.7	14.5
203	17.2	13.8	20.8

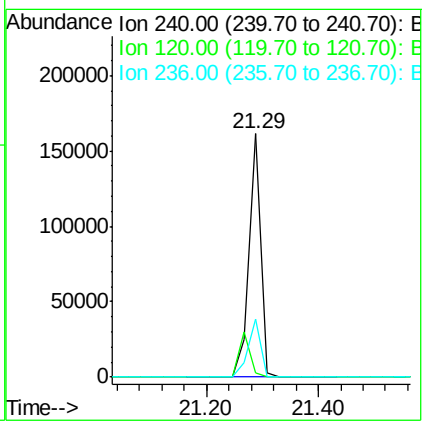


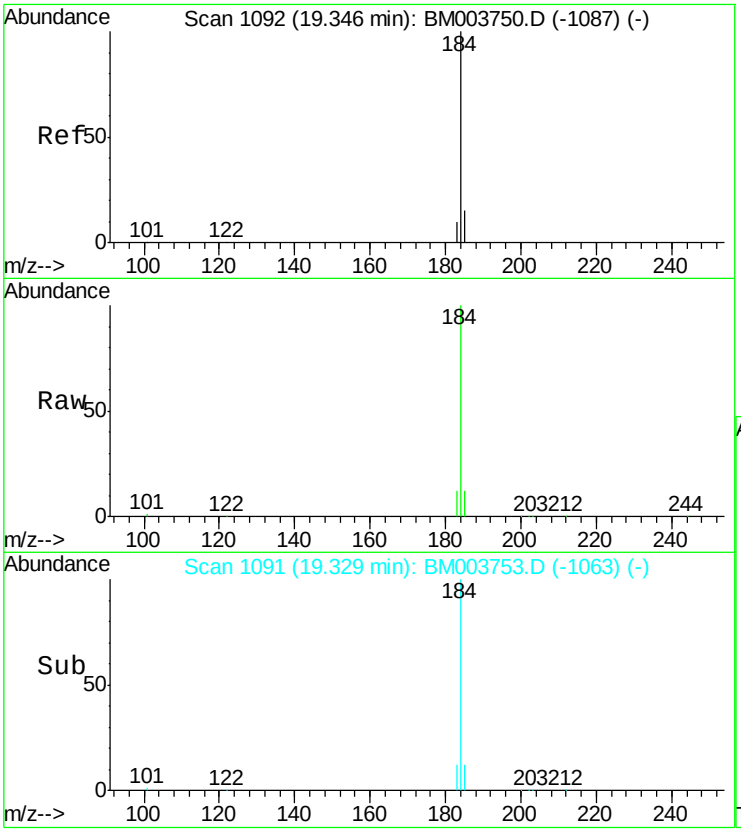


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Tgt Ion:240 Resp: 233823

Ion	Ratio	Lower	Upper
240	100		
120	1.8	0.9	1.3#
236	24.1	17.3	25.9



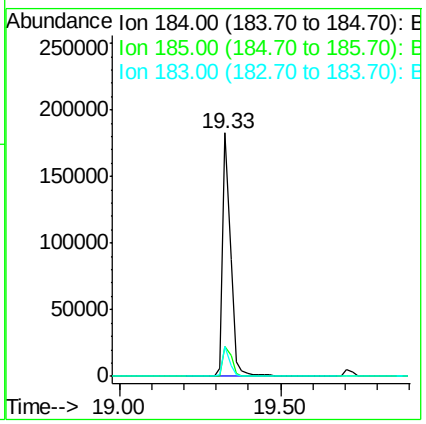


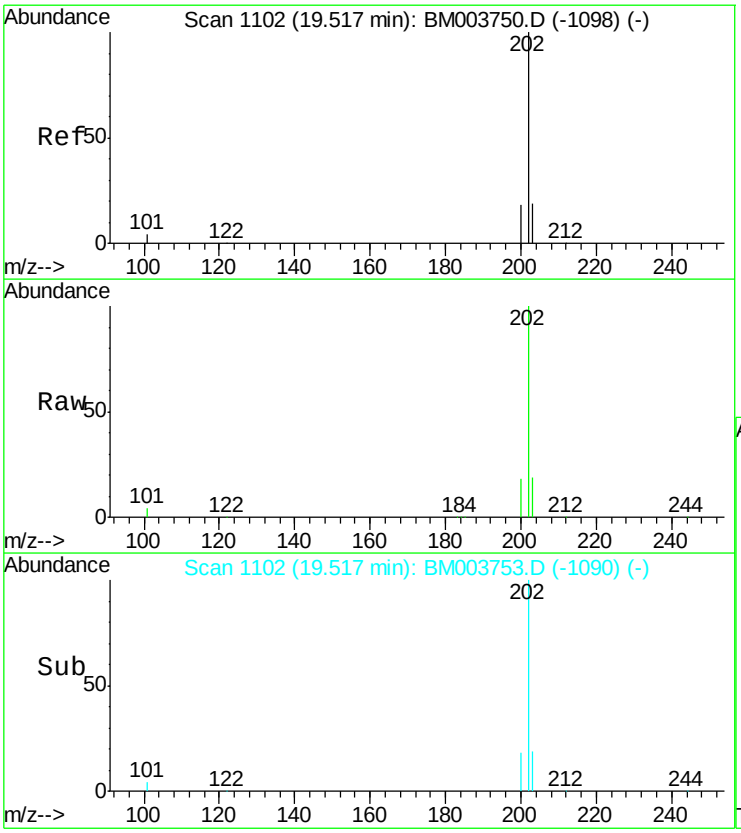
#27
Benzidine
Concen: 16.63 ng
RT: 19.33 min Scan# 1091
Delta R.T. -0.02 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 312224

Ion	Ratio	Lower	Upper
184	100		
185	12.1	13.2	19.8#
183	12.4	9.0	13.6

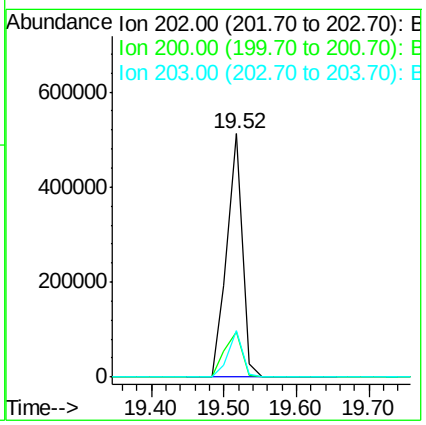


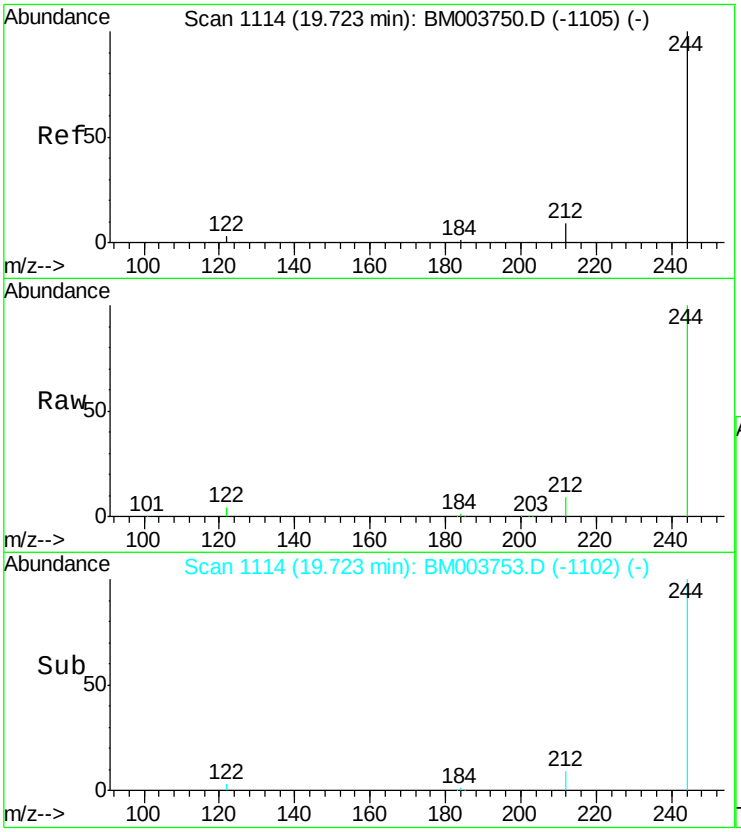


#28
Pyrene
Concen: 9.01 ng
RT: 19.52 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Tgt Ion:202 Resp: 759088

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.8	14.0	21.0



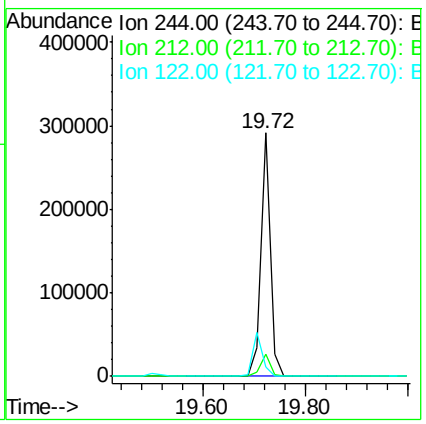


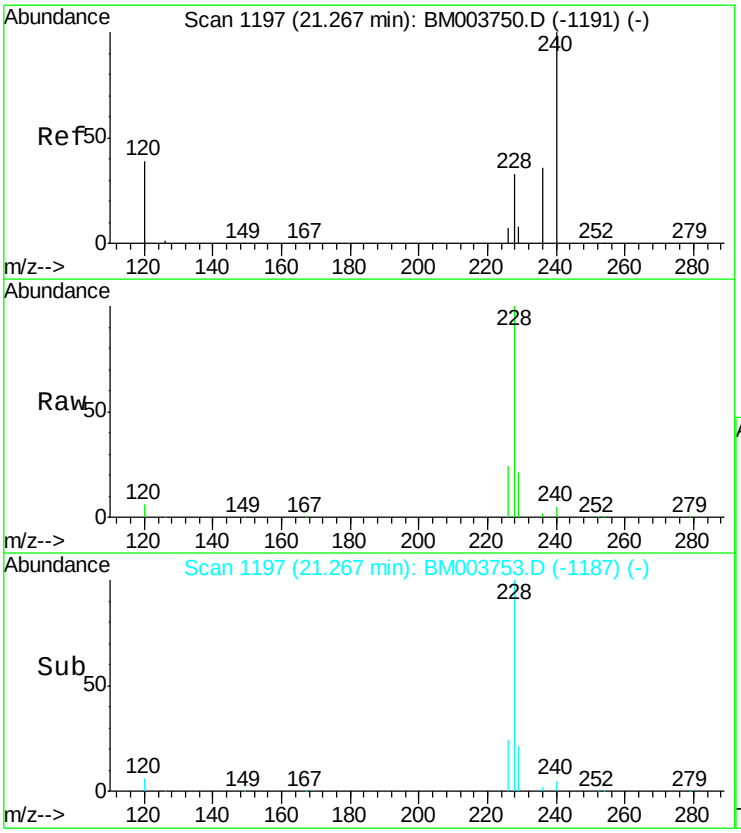
#29
Terphenyl-d14
Concen: 9.58 ng
RT: 19.72 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 364075

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	4.0	3.0	4.6

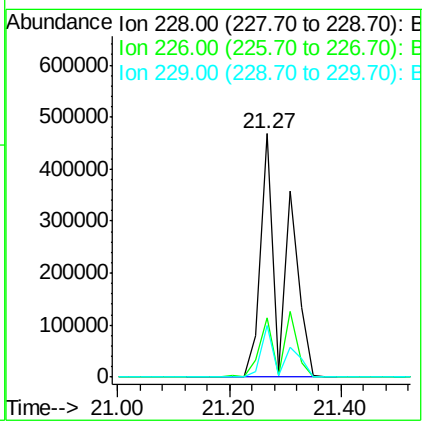


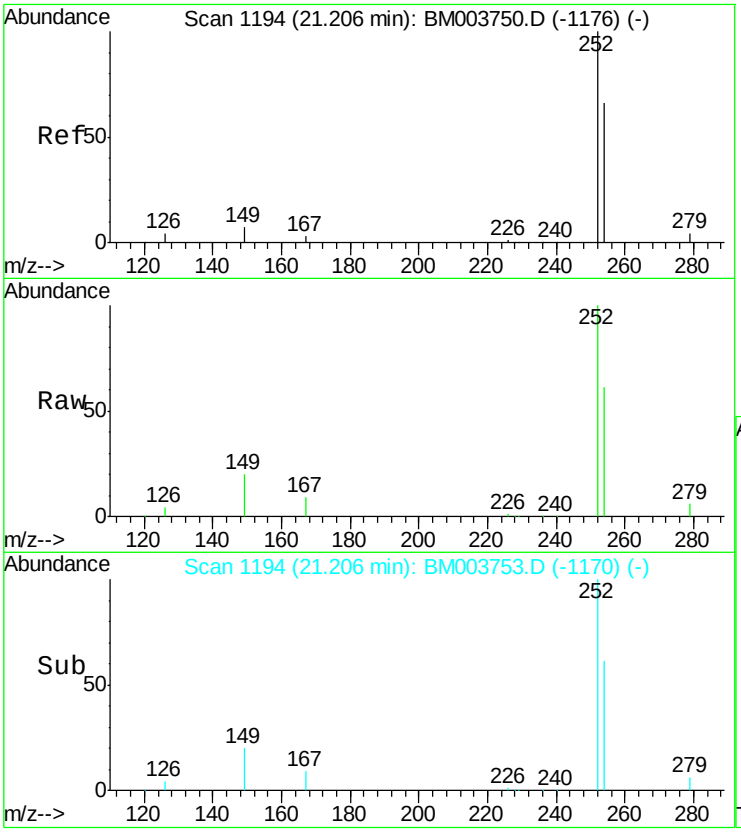


#30
Benzo(a)anthracene
Concen: 20.66 ng
RT: 21.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Tgt Ion:228 Resp: 1299833

Ion	Ratio	Lower	Upper
228	100		
226	24.4	17.2	25.8
229	21.0	18.7	28.1



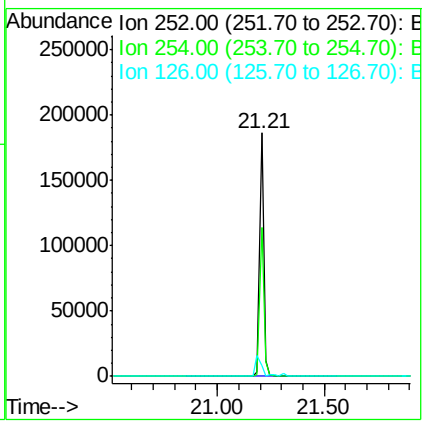


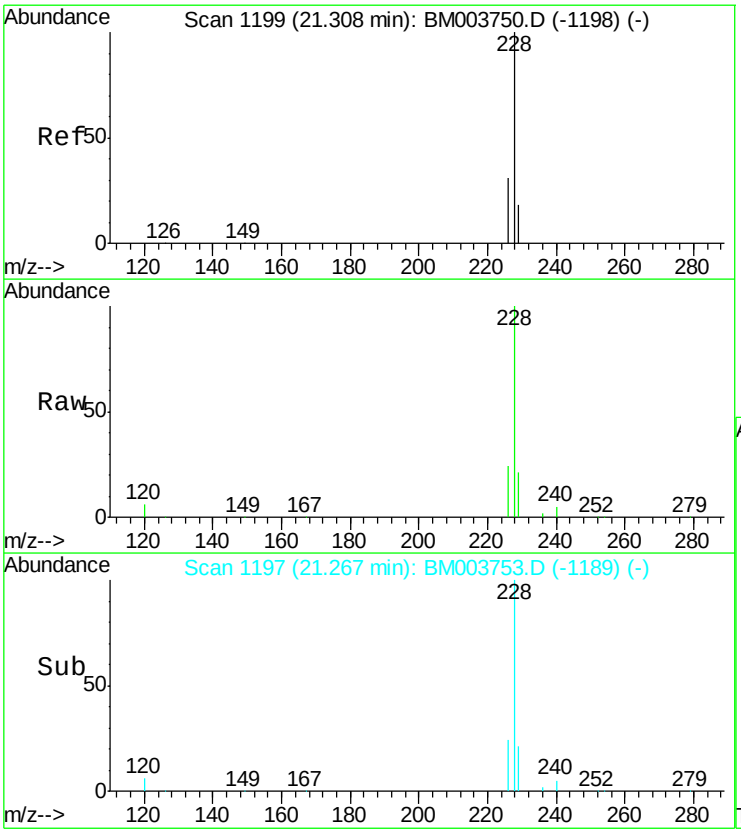
#31
3,3'-Dichlorobenzidine
Concen: 15.29 ng
RT: 21.21 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 254050

Ion	Ratio	Lower	Upper
252	100		
254	61.1	52.6	79.0
126	4.1	3.7	5.5

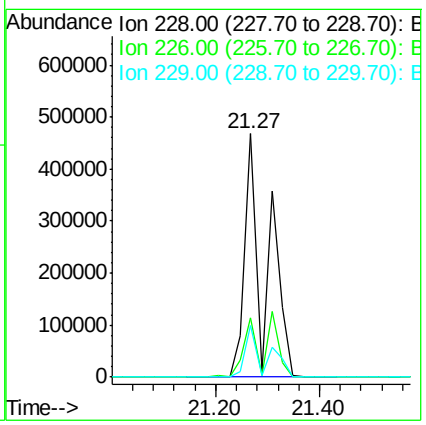


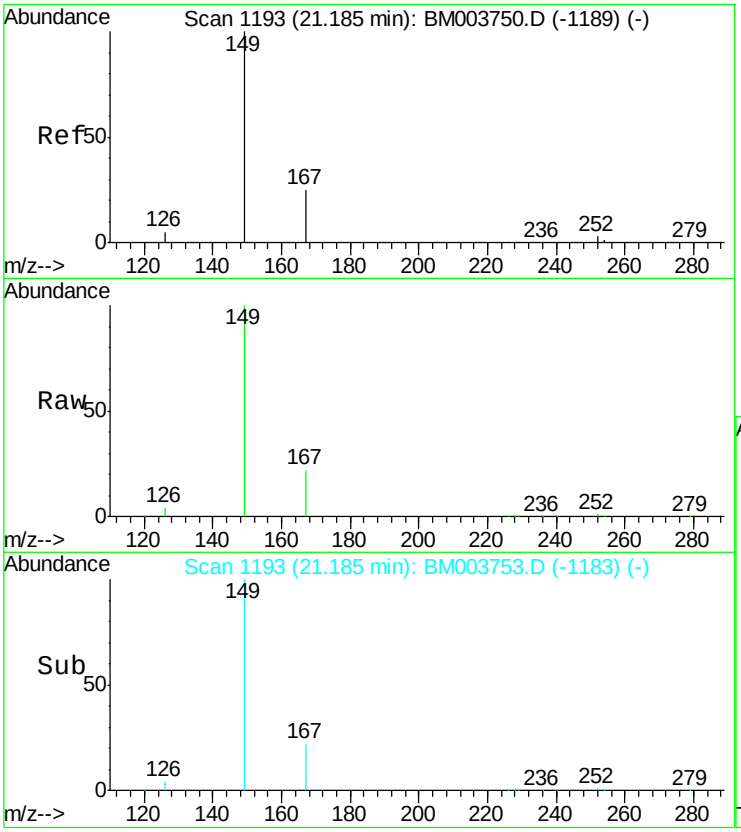


#32
Chrysene
Concen: 17.83 ng
RT: 21.27 min Scan# 1197
Delta R.T. -0.04 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Tgt Ion:228 Resp: 1301018

Ion	Ratio	Lower	Upper
228	100		
226	24.4	25.3	37.9#
229	21.0	14.5	21.7



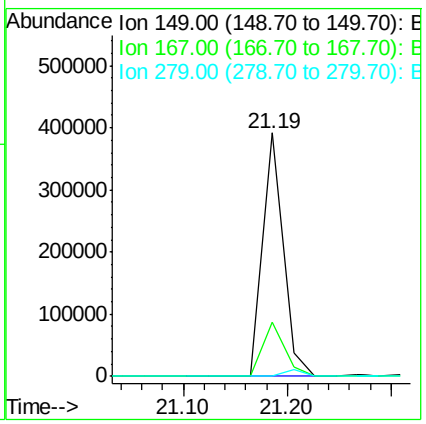


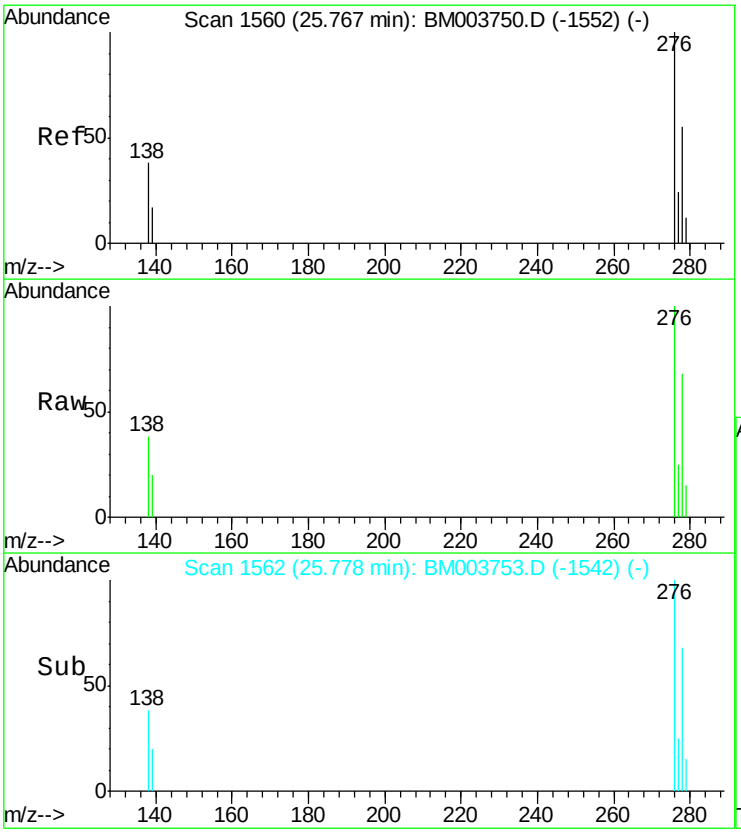
#33
Bis(2-ethylhexyl)phthalate
Concen: 16.25 ng
RT: 21.19 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 530170

Ion	Ratio	Lower	Upper
149	100		
167	23.8	20.1	30.1
279	0.0	0.0	0.0

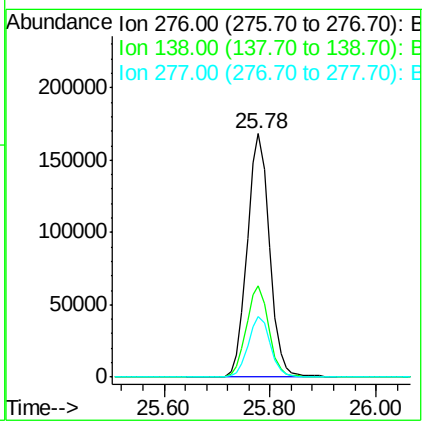


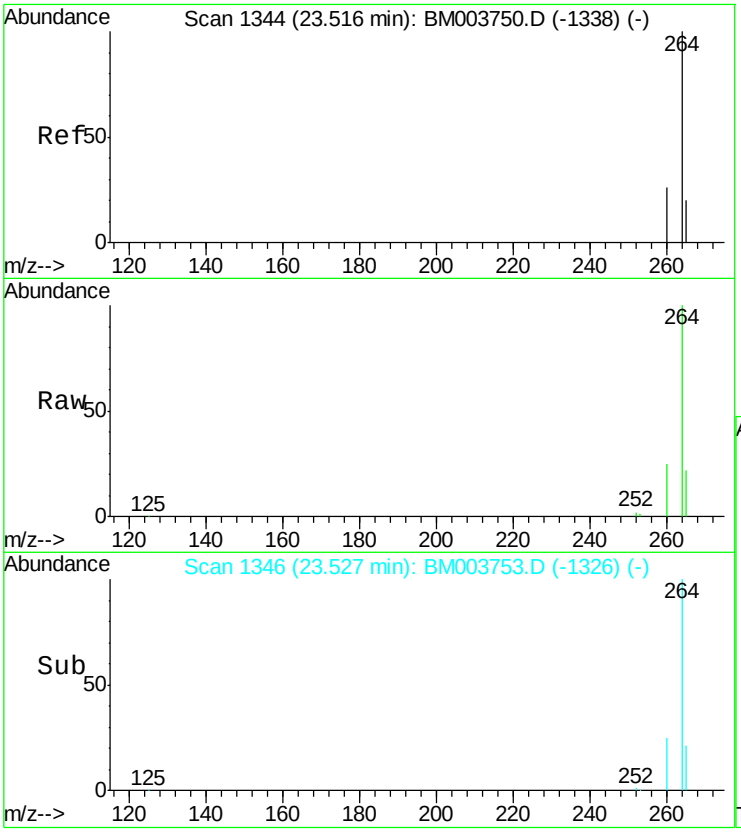


#34
Indeno(1,2,3-cd)pyrene
Concen: 8.94 ng
RT: 25.78 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Tgt Ion:276 Resp: 490445

Ion	Ratio	Lower	Upper
276	100		
138	37.6	30.2	45.2
277	24.8	19.8	29.8



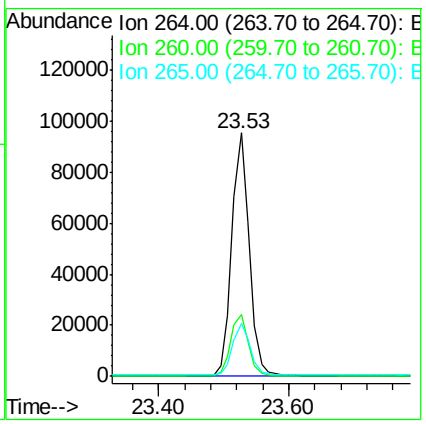


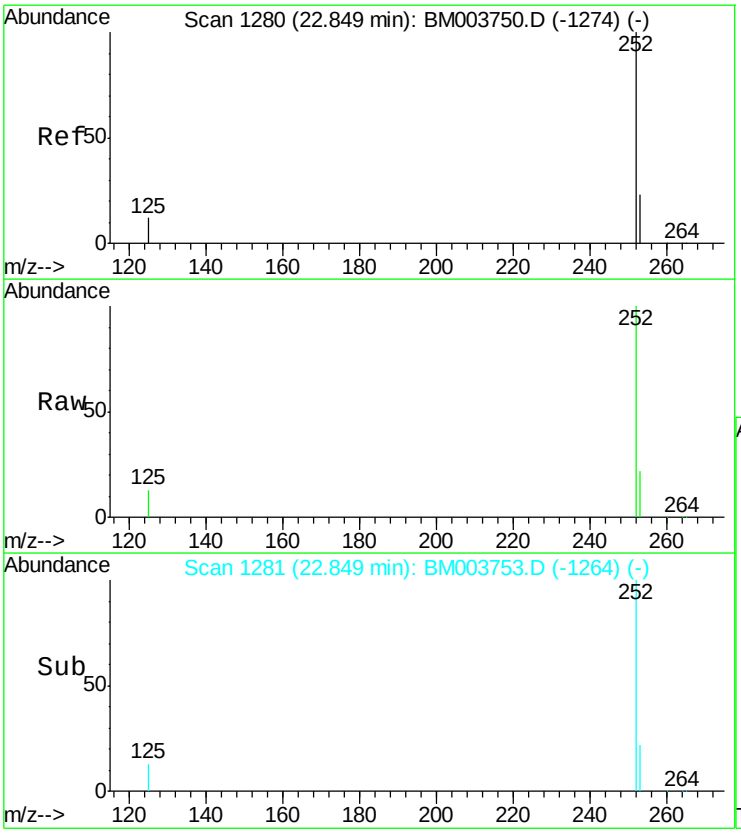
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.53 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 177676

Ion	Ratio	Lower	Upper
264	100		
260	25.2	21.2	31.8
265	21.8	16.7	25.1

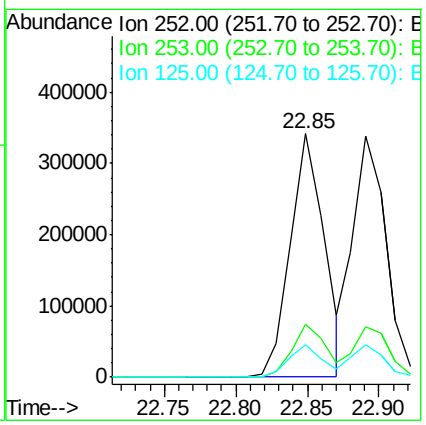


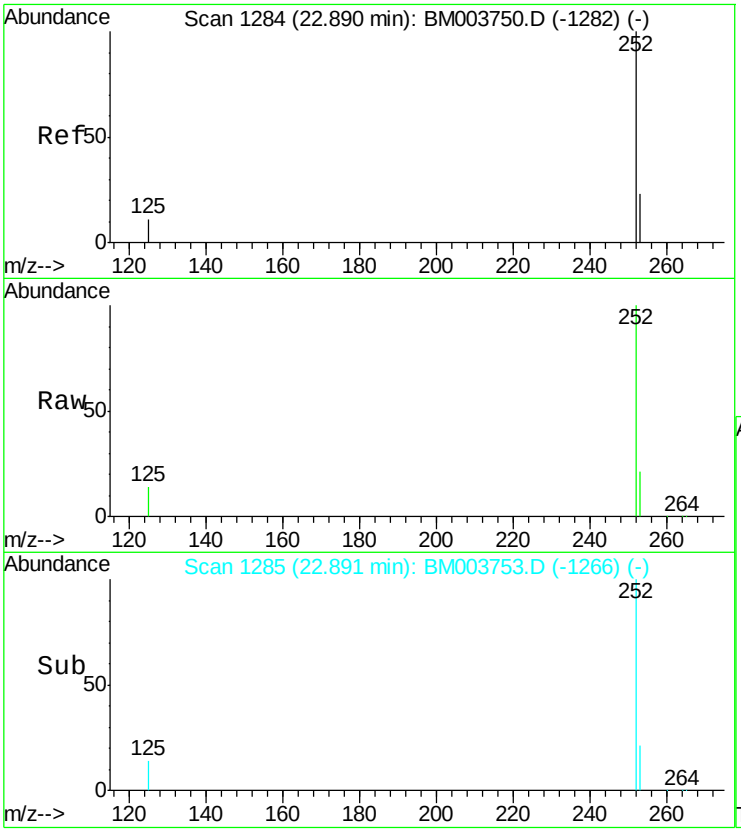


#36
Benzo(b)fluoranthene
Concen: 10.45 ng
RT: 22.85 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Tgt Ion:252 Resp: 565620

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.8	28.2
125	13.4	10.2	15.4



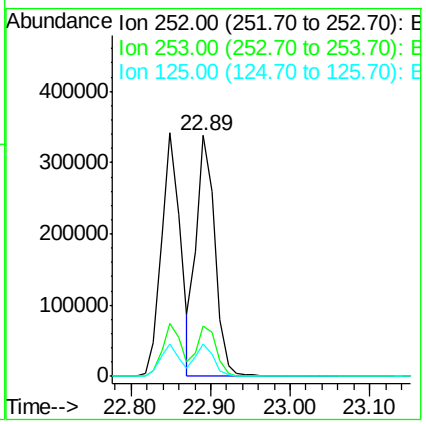


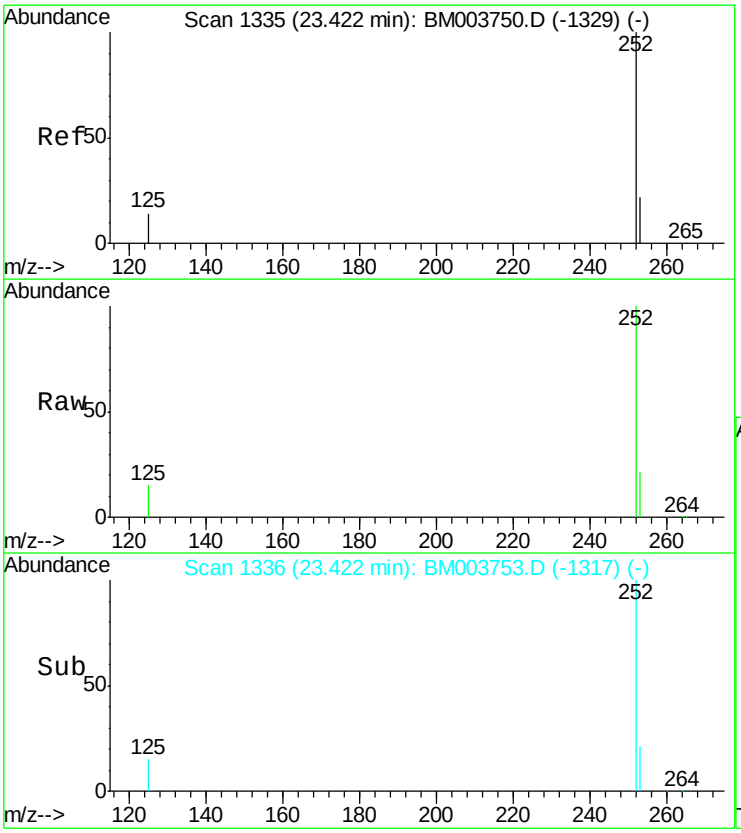
#37
Benzo(k)fluoranthene
Concen: 11.36 ng
RT: 22.89 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 548470

Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.3	27.5
125	13.5	10.6	15.8

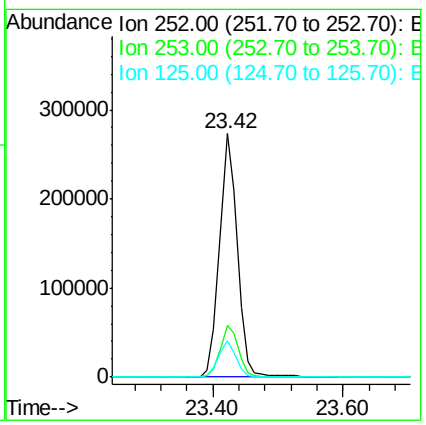


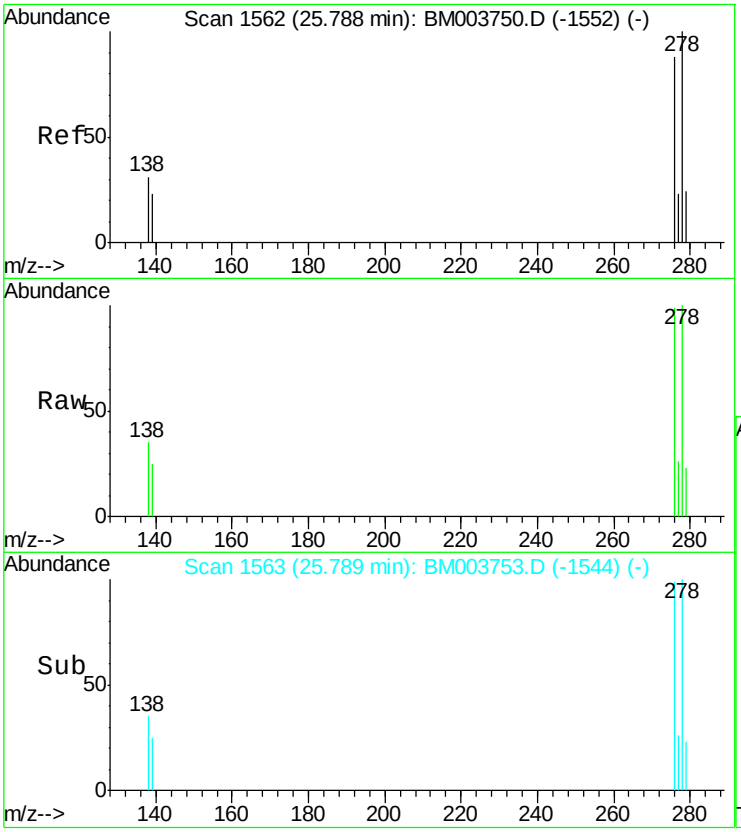


#38
Benzo(a)pyrene
Concen: 11.68 ng
RT: 23.42 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Tgt Ion:252 Resp: 519861

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.7	28.1
125	14.7	11.8	17.8



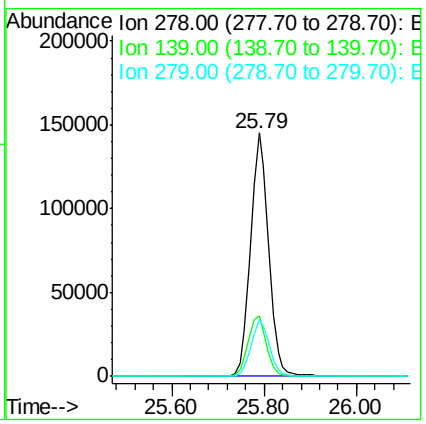


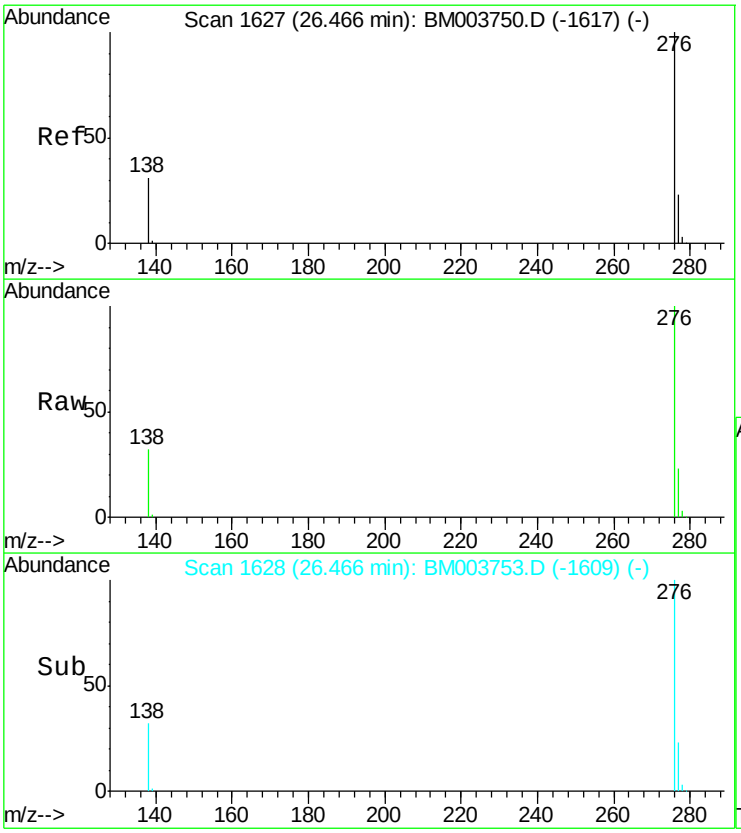
#39
Dibenzo(a,h)anthracene
Concen: 9.73 ng
RT: 25.79 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 395149

Ion	Ratio	Lower	Upper
278	100		
139	24.7	19.0	28.6
279	23.0	19.6	29.4





#40
Benzo(g,h,i)perylene
Concen: 9.34 ng
RT: 26.47 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BM003753.D
Acq: 23 Dec 2015 22:34

Tgt Ion:276 Resp: 401767

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.1	28.7
138	32.5	25.0	37.4