Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003754.D
Acq On : 23 Dec 2015 23:11
Operator : UM/SJ
Sample : SSTDICV001
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 24 02:59:42 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 02:52:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	47574	5.00	ng		0.00
7) Naphthalene-d8	10.48	136	197896	5.00	ng		0.00
13) Acenaphthene-d10	14.33	164	114261	5.00	ng		0.00
19) Phenanthrene-d10	17.09	188	209050	5.00	ng		0.03
26) Chrysene-d12	21.29	240	222636	5.00	ng		0.00
35) Perylene-d12	23.53	264	179657	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	9847	0.91	ng		0.00
5) Phenol-d6	6.86	99	11766	0.88	ng		0.00
8) Nitrobenzene-d5	8.85	82	9125	0.90	ng		0.00
14) 2,4,6-Tribromophenol	15.84	330	2613	0.81	ng		0.00
15) 2-Fluorobiphenyl	12.95	172	31325	0.94	ng		0.00
29) Terphenyl-d14	19.72	244	33025	0.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	4312	0.95	ng		99
3) n-Nitrosodimethylamine	3.49	42	4546	0.93	ng		100
6) bis(2-Chloroethyl)ether	7.10	93	10931	0.93	ng		100
9) Nitrobenzene	8.89	77	10424	0.90	ng		100
10) Naphthalene	10.51	128	41824	0.96	ng		100
11) Hexachlorobutadiene	10.80	225	6459	0.96	ng		100
12) 2-Methylnaphthalene	12.14	142	27416	0.95	ng		100
16) Acenaphthylene	14.04	152	44049	0.87	ng		100
17) Acenaphthene	14.39	154	30194	0.95	ng		99
18) Fluorene	15.39	166	34705	0.91	ng		99
20) 4-Bromophenyl-phenylether	16.27	248	11414	1.26	ng		98
21) Hexachlorobenzene	16.40	284	11139	1.29	ng	#	99
22) Pentachlorophenol	16.76	266	2240	0.91	ng		98
23) Phenanthrene	17.11	178	68271	1.03	ng		100
24) Anthracene	17.22	178	46783	0.95	ng		100
25) Fluoranthene	19.14	202	62117	0.97	ng		100
27) Benzidine	19.35	184	13961	0.97	ng		99
28) Pyrene	19.52	202	65024	0.89	ng		100
30) Benzo(a)anthracene	21.27	228	56906	0.86	ng		96
31) 3,3'-Dichlorobenzidine	21.21	252	17119	1.00	ng	#	94
32) Chrysene	21.27	228	56917	0.88	ng	#	88
33) Bis(2-ethylhexyl)phthalate	21.19	149	31986	0.86	ng	#	99
34) Indeno(1,2,3-cd)pyrene	25.78	276	43065	0.91	ng		99
36) Benzo(b)fluoranthene	22.85	252	51928	0.92	ng		98
37) Benzo(k)fluoranthene	22.89	252	49276	0.95	ng		98
38) Benzo(a)pyrene	23.42	252	44500	0.92	ng		99
39) Dibenzo(a,h)anthracene	25.79	278	34618	0.92	ng		99
40) Benzo(g,h,i)perylene	26.47	276	35984	0.92	ng		99

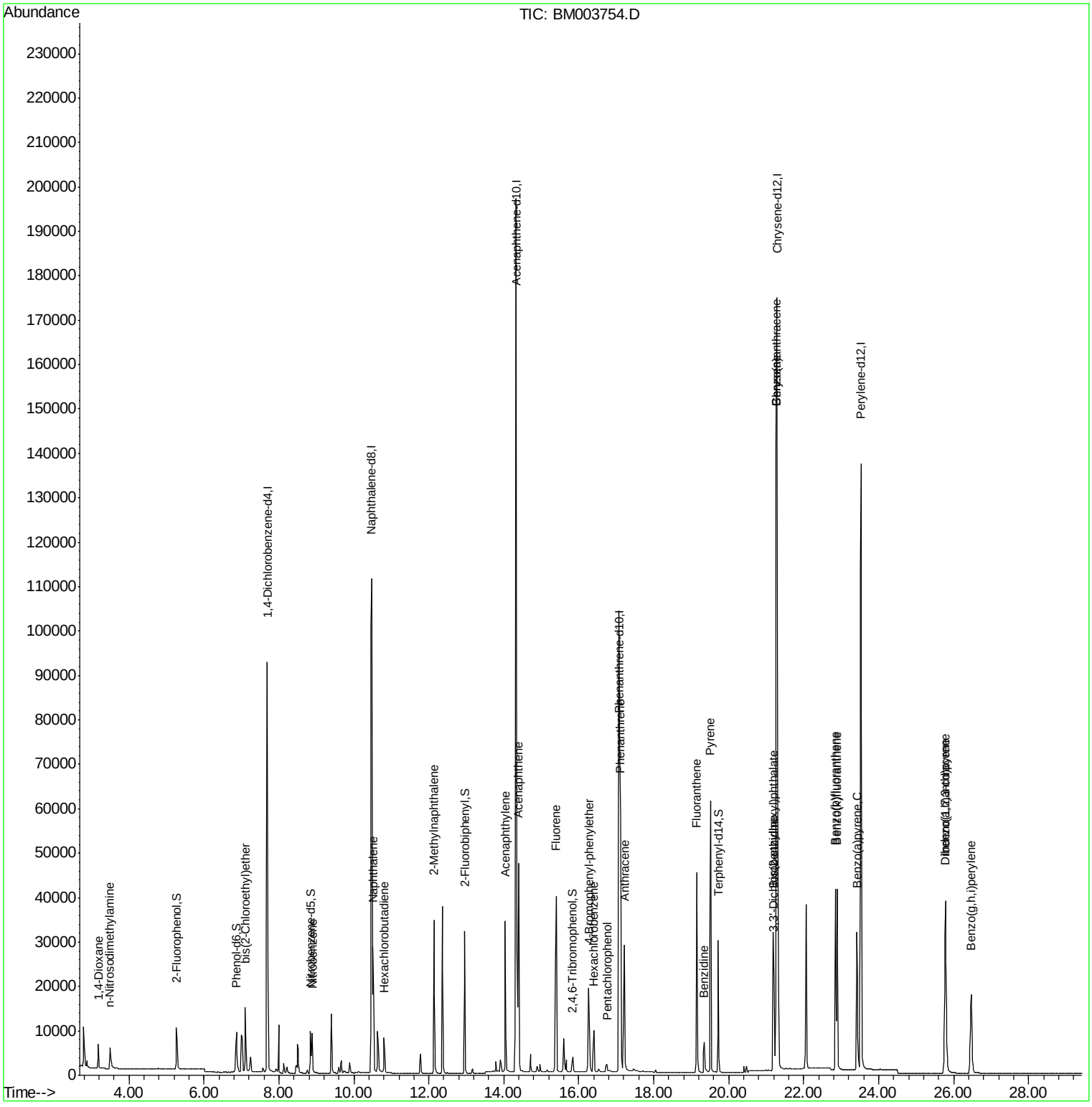
(#) = qualifier out of range (m) = manual integration (+) = signals summed

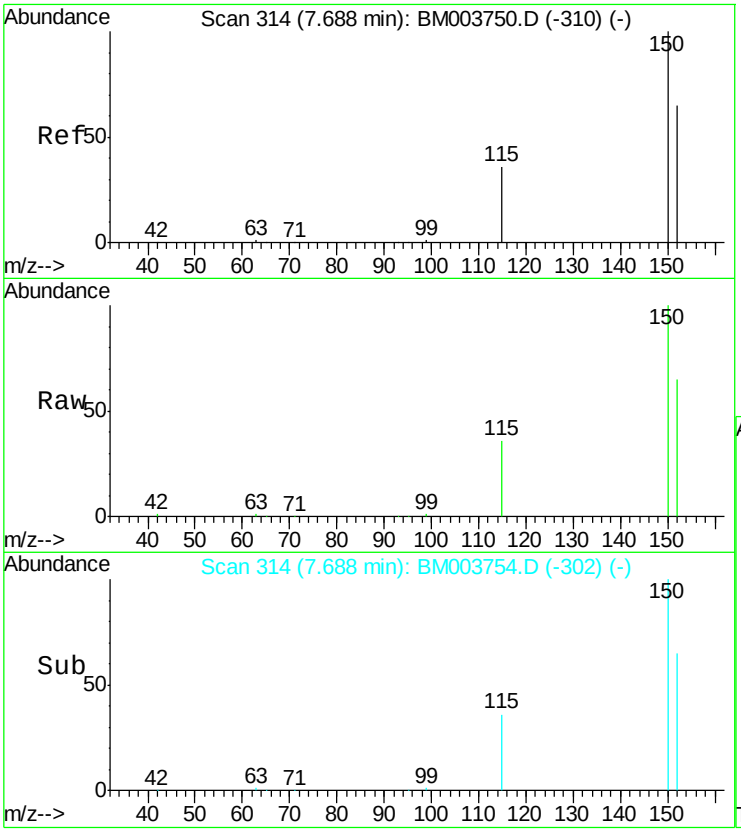
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003754.D
Acq On : 23 Dec 2015 23:11
Operator : UM/SJ
Sample : SSTDICV001
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 24 02:59:42 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 02:52:28 2015
Response via : Initial Calibration



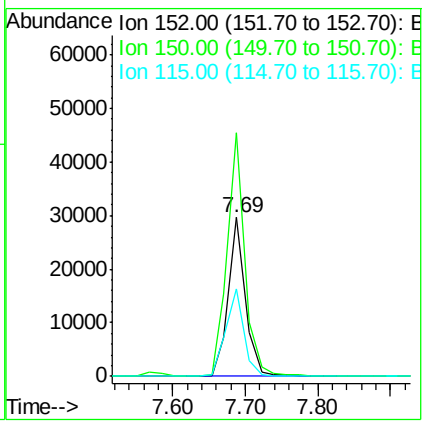


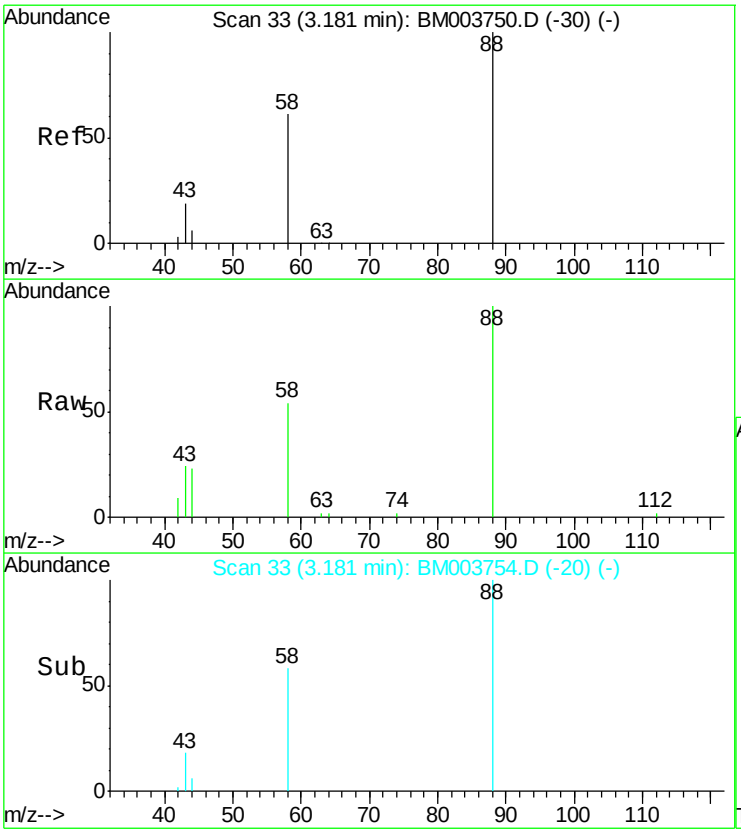
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 314
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 47574

Ion	Ratio	Lower	Upper
152	100		
150	153.6	122.9	184.3
115	55.3	44.4	66.6

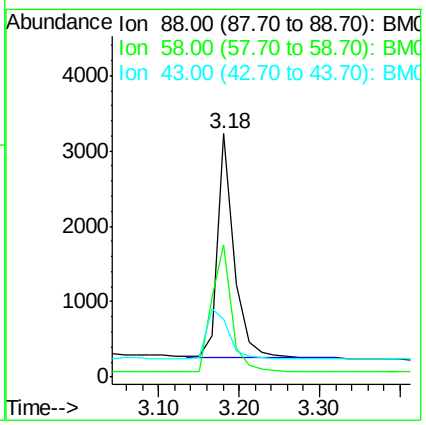


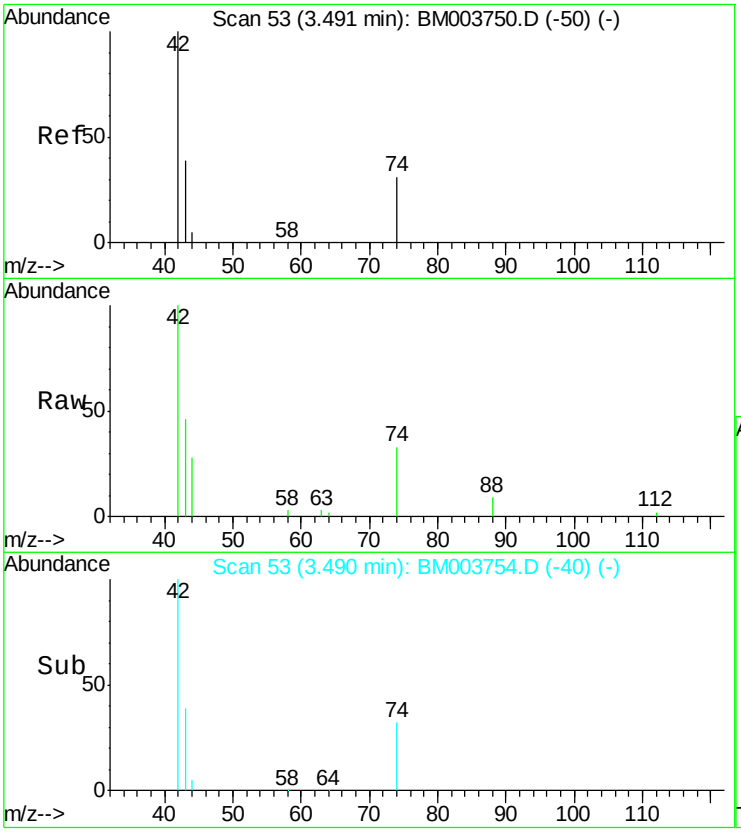


#2
1,4-Dioxane
Concen: 0.95 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Tgt Ion: 88 Resp: 4312

Ion	Ratio	Lower	Upper
88	100		
58	68.1	53.8	80.6
43	29.8	23.8	35.6



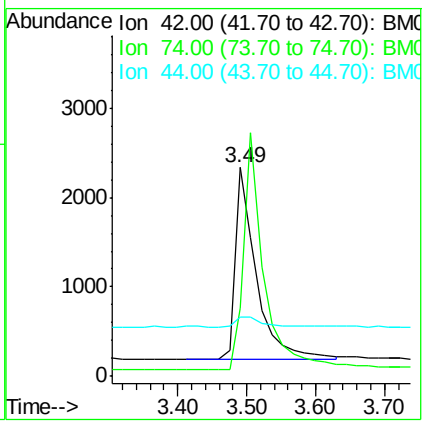


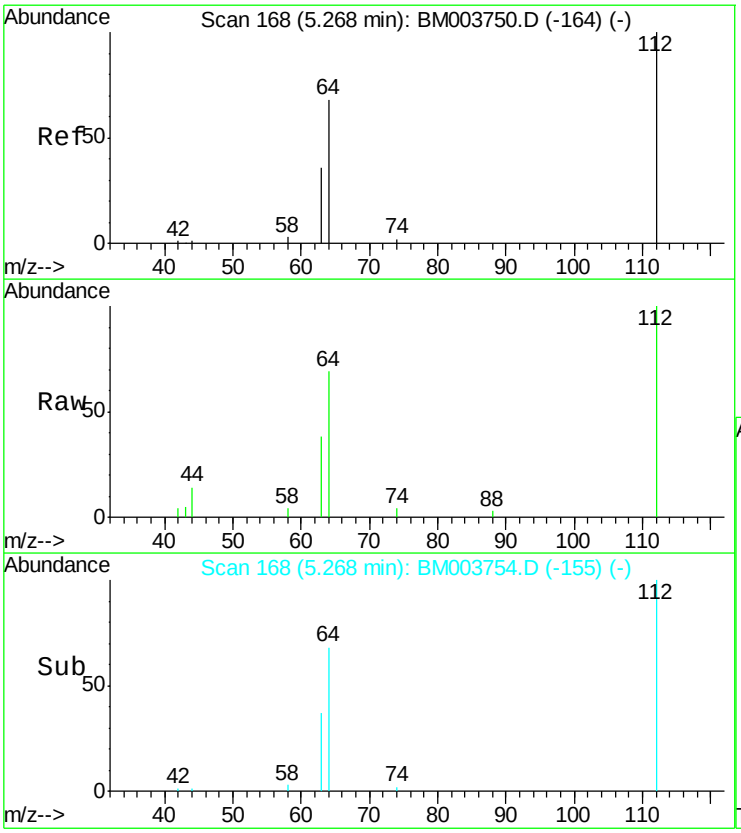
#3
n-Nitrosodimethylamine
Concen: 0.93 ng
RT: 3.49 min Scan# 53
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 42 Resp: 4546

Ion	Ratio	Lower	Upper
42	100		
74	118.3	95.0	142.4
44	6.9	5.1	7.7

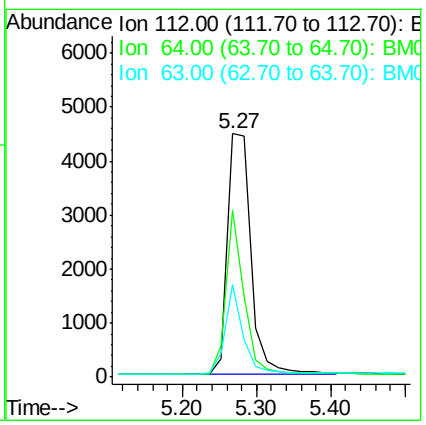


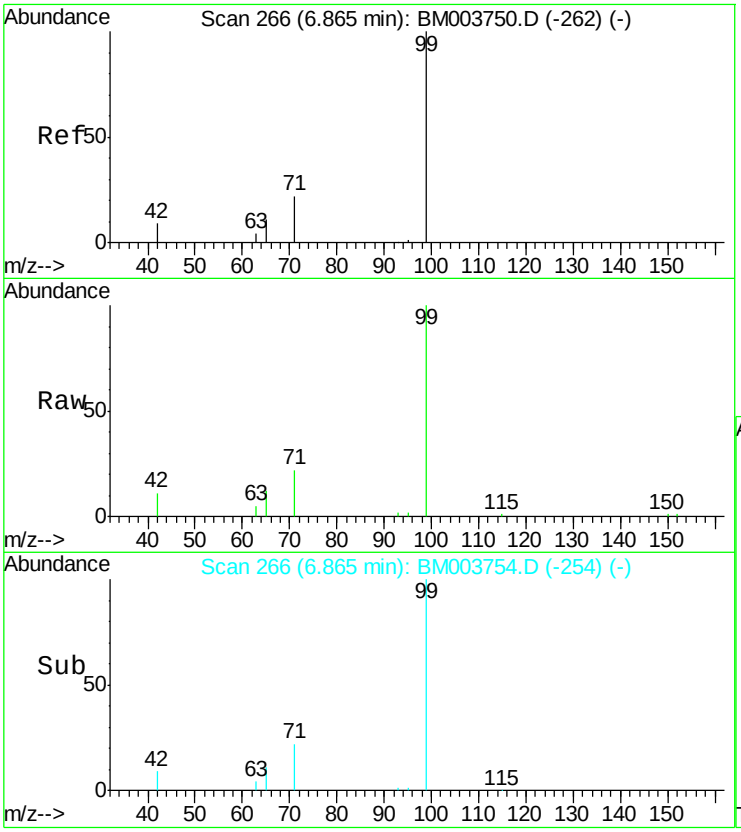


#4
2-Fluorophenol
Concen: 0.91 ng
RT: 5.27 min Scan# 168
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Tgt Ion:112 Resp: 9847

Ion	Ratio	Lower	Upper
112	100		
64	52.2	41.8	62.8
63	27.6	22.1	33.1



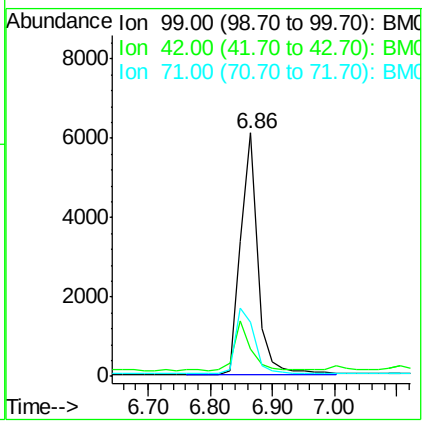


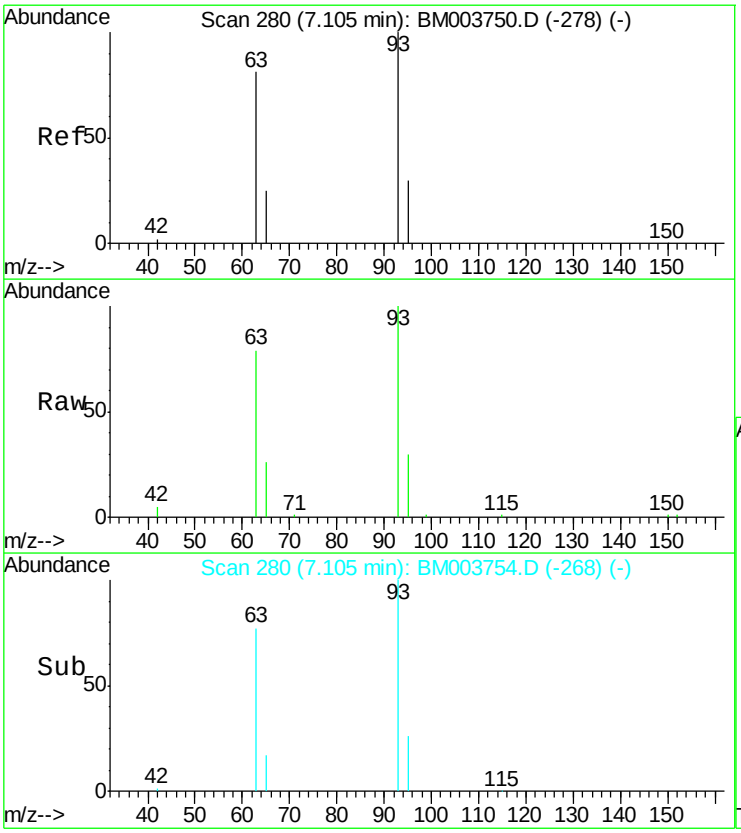
#5
Phenol-d6
Concen: 0.88 ng
RT: 6.86 min Scan# 266
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 11766

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.2	24.2
71	30.6	24.4	36.6

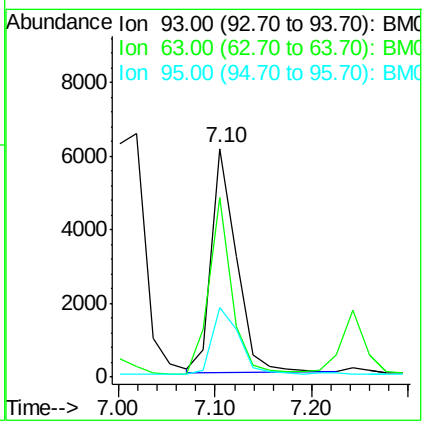


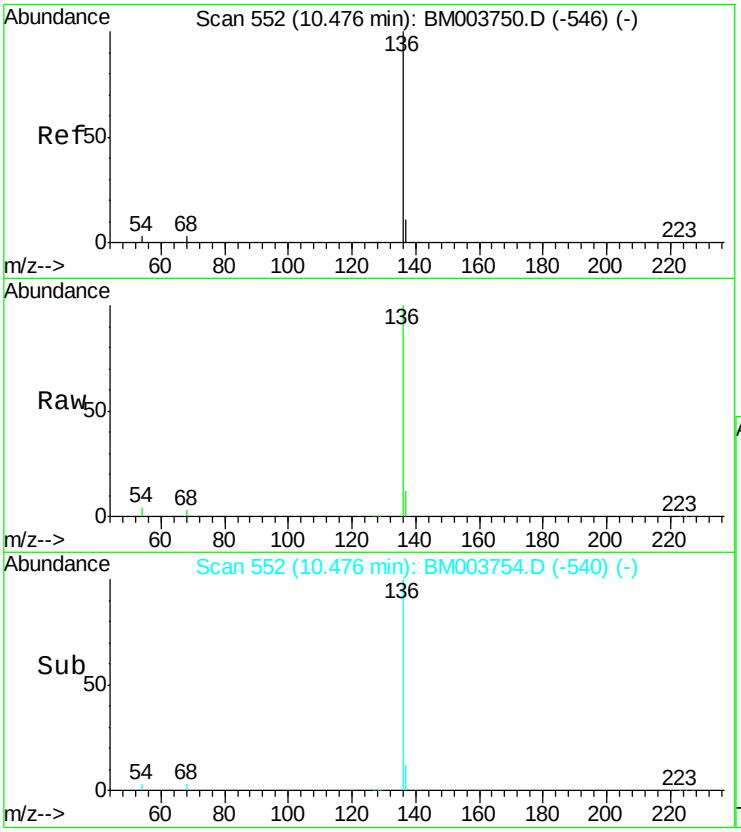


#6
bis(2-Chloroethyl)ether
Concen: 0.93 ng
RT: 7.10 min Scan# 280
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Tgt Ion: 93 Resp: 10931

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



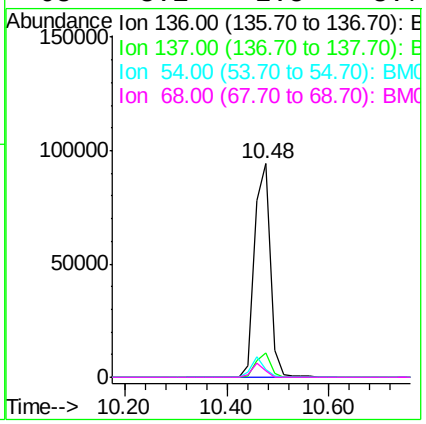


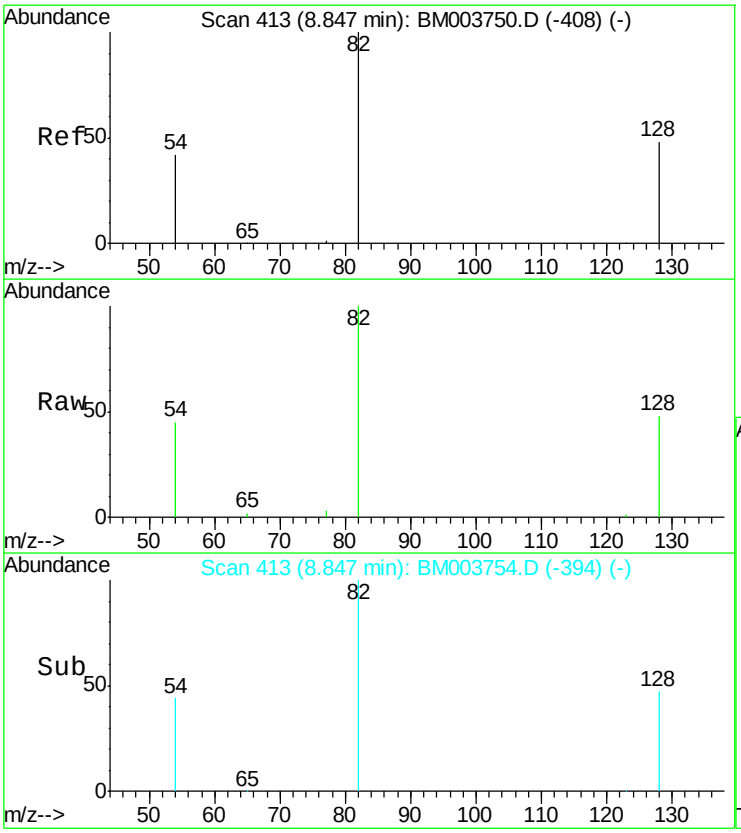
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.48 min Scan# 552
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 197896

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	3.5	2.8	4.2
68	3.1	2.5	3.7

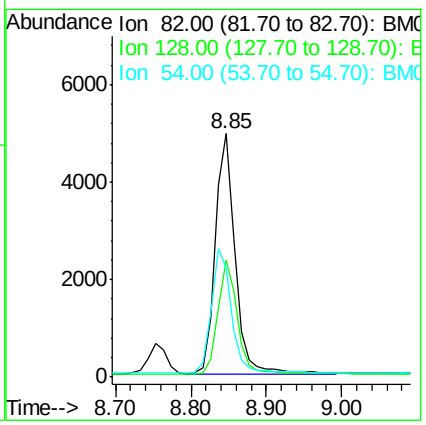


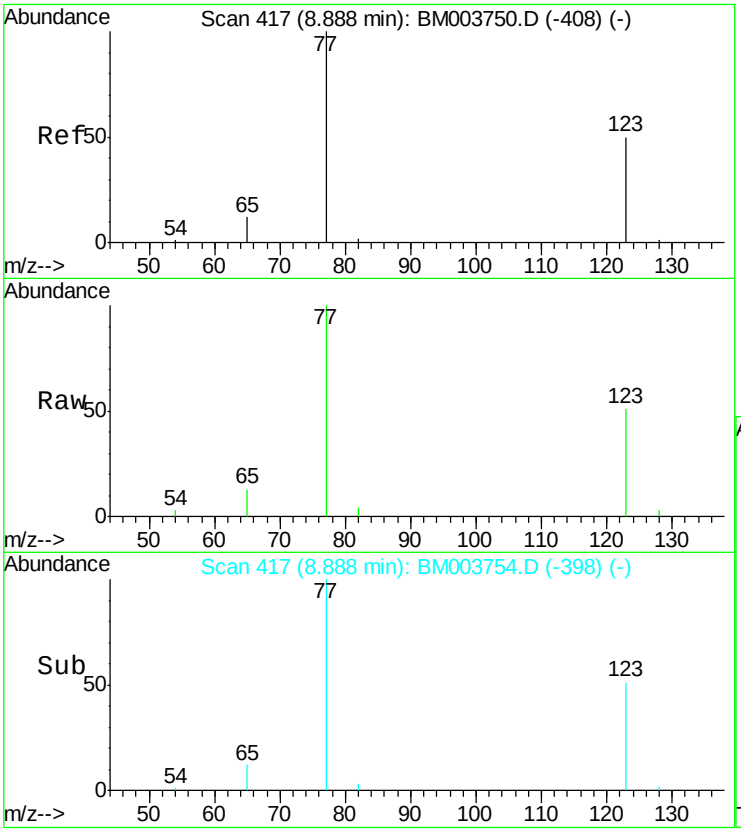


#8
Nitrobenzene-d5
Concen: 0.90 ng
RT: 8.85 min Scan# 413
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Tgt Ion: 82 Resp: 9125

Ion	Ratio	Lower	Upper
82	100		
128	47.9	39.1	58.7
54	44.8	34.8	52.2



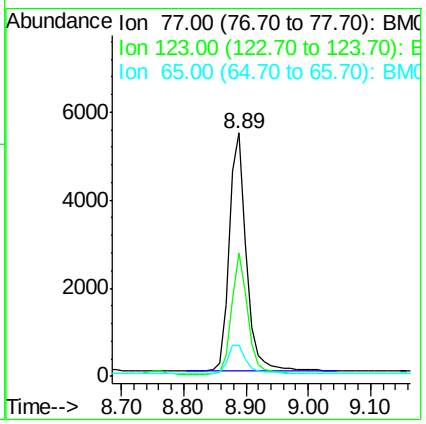


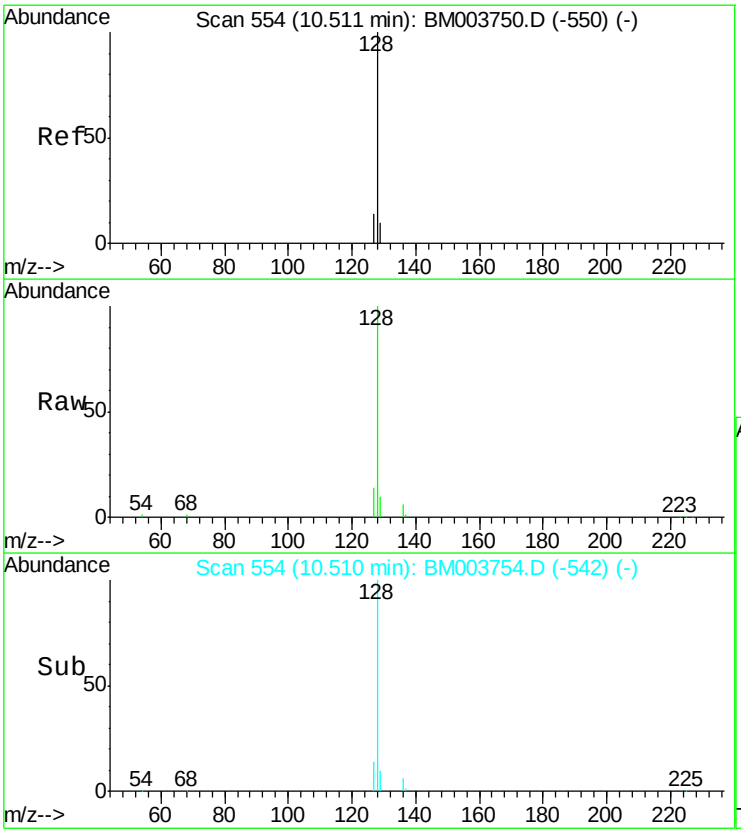
#9
Nitrobenzene
Concen: 0.90 ng
RT: 8.89 min Scan# 417
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 10424

Ion	Ratio	Lower	Upper
77	100		
123	48.3	38.6	57.8
65	12.5	9.9	14.9

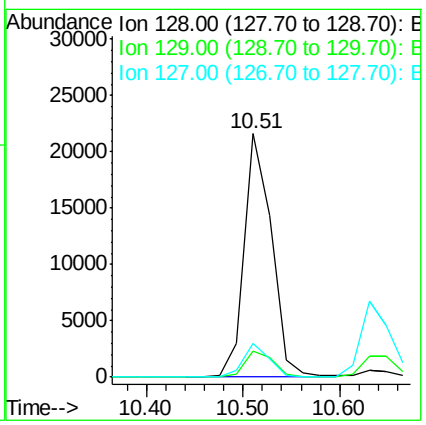


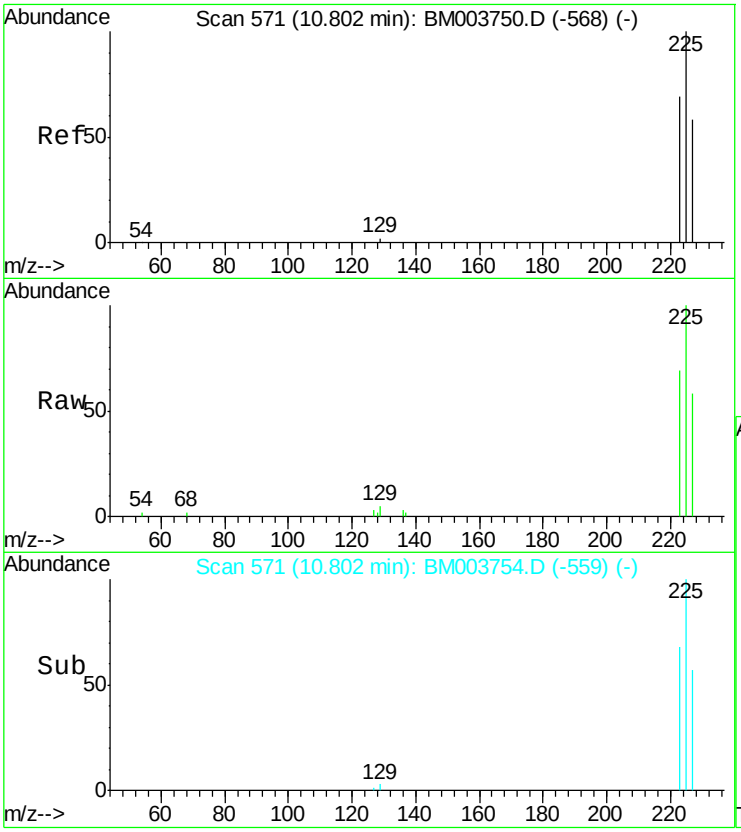


#10
Naphthalene
Concen: 0.96 ng
RT: 10.51 min Scan# 554
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Tgt Ion:128 Resp: 41824

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.5	12.7
127	13.8	11.0	16.4



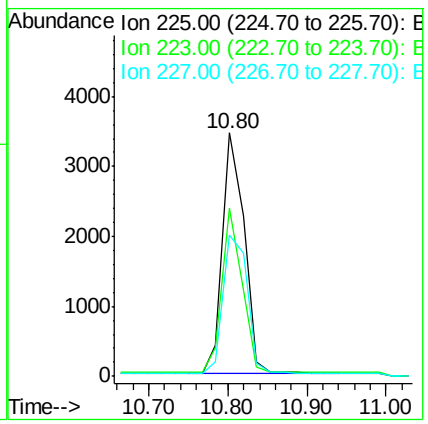


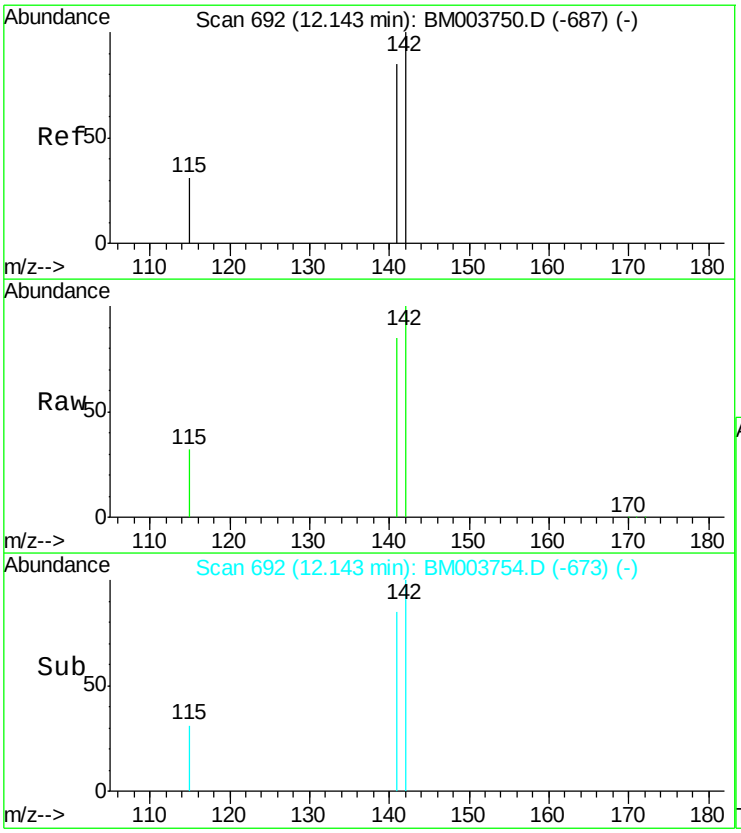
#11
Hexachlorobutadiene
Concen: 0.96 ng
RT: 10.80 min Scan# 571
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:225 Resp: 6459

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.9	76.3
227	63.9	51.2	76.8

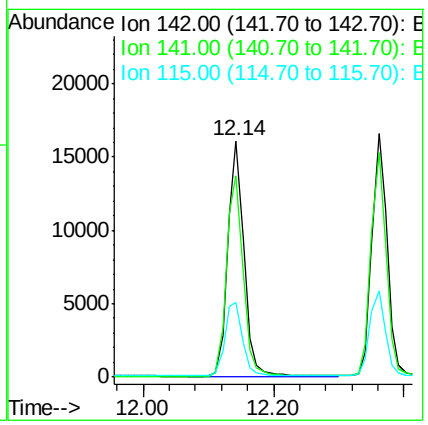


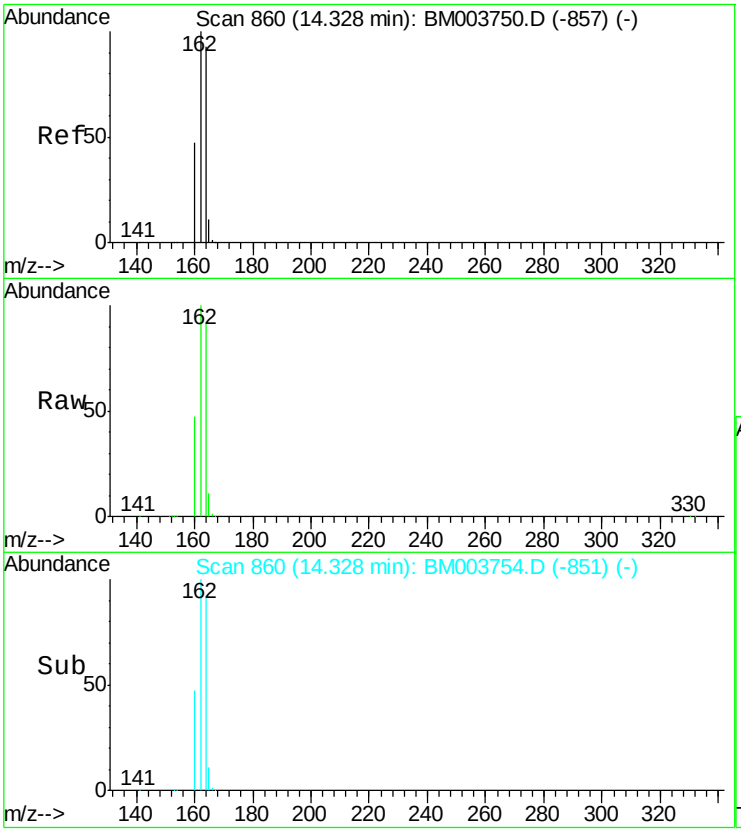


#12
2-Methylnaphthalene
Concen: 0.95 ng
RT: 12.14 min Scan# 692
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Tgt Ion:142 Resp: 27416

Ion	Ratio	Lower	Upper
142	100		
141	85.3	67.8	101.8
115	31.6	25.3	37.9



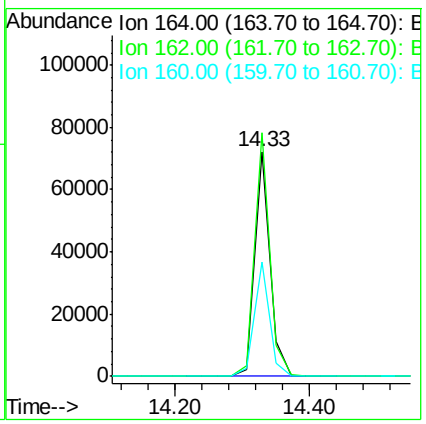


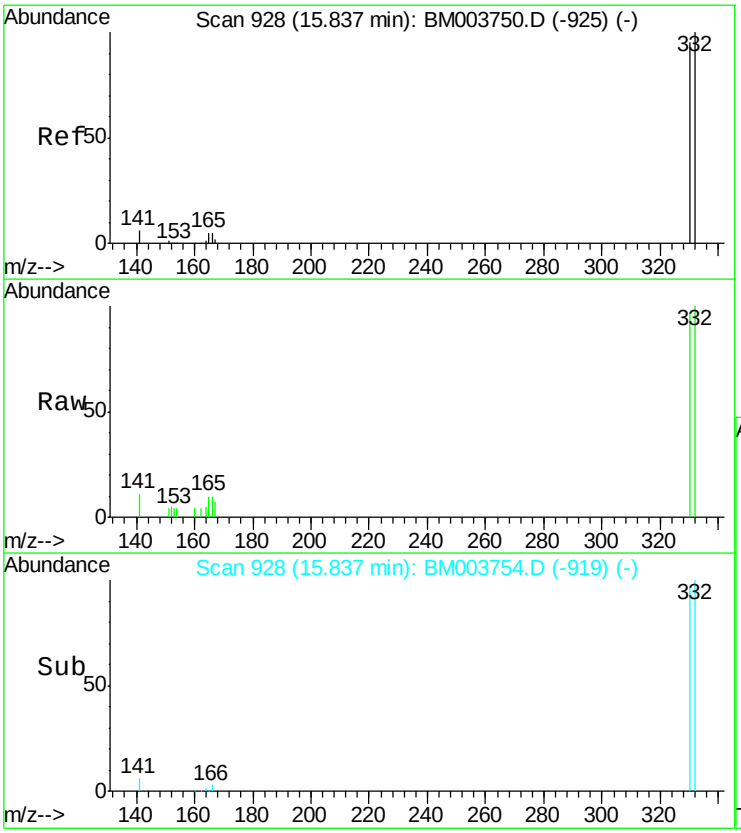
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.33 min Scan# 860
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 114261

Ion	Ratio	Lower	Upper
164	100		
162	108.5	86.0	129.0
160	51.1	40.3	60.5

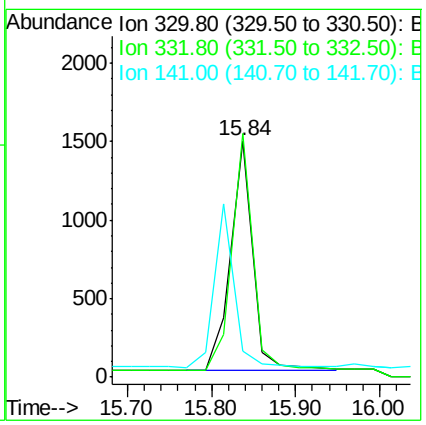


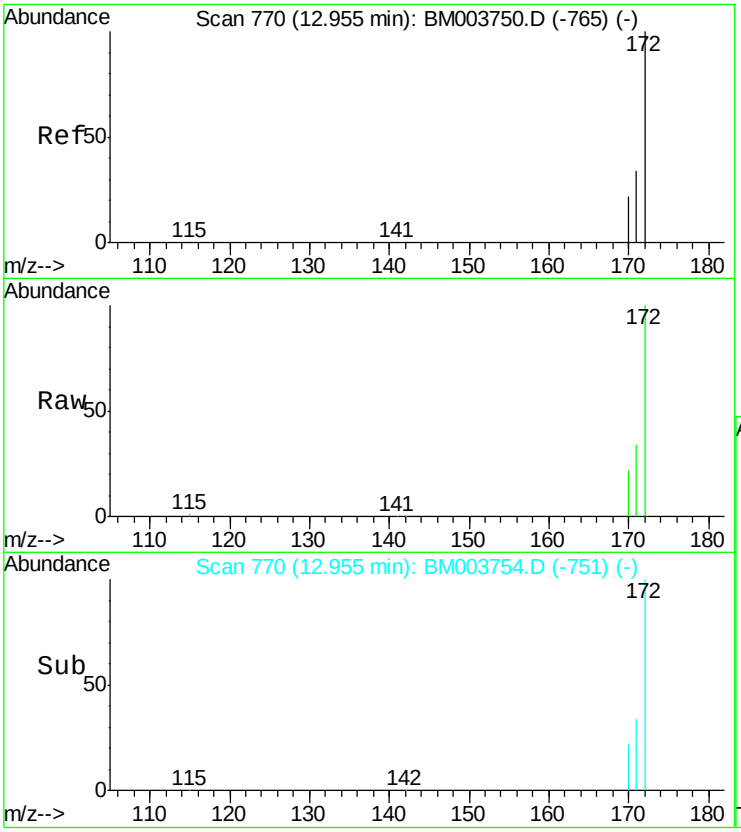


#14
2,4,6-Tribromophenol
Concen: 0.81 ng
RT: 15.84 min Scan# 928
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Tgt Ion:330 Resp: 2613

Ion	Ratio	Lower	Upper
330	100		
332	98.1	79.0	118.4
141	0.0	0.0	0.0



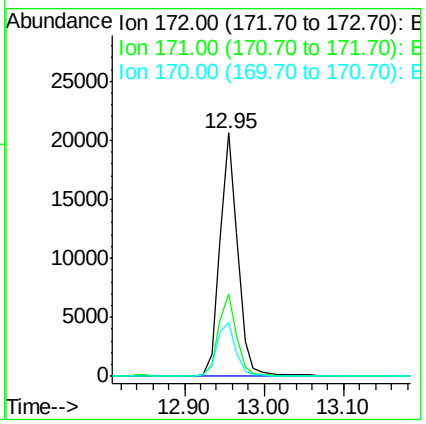


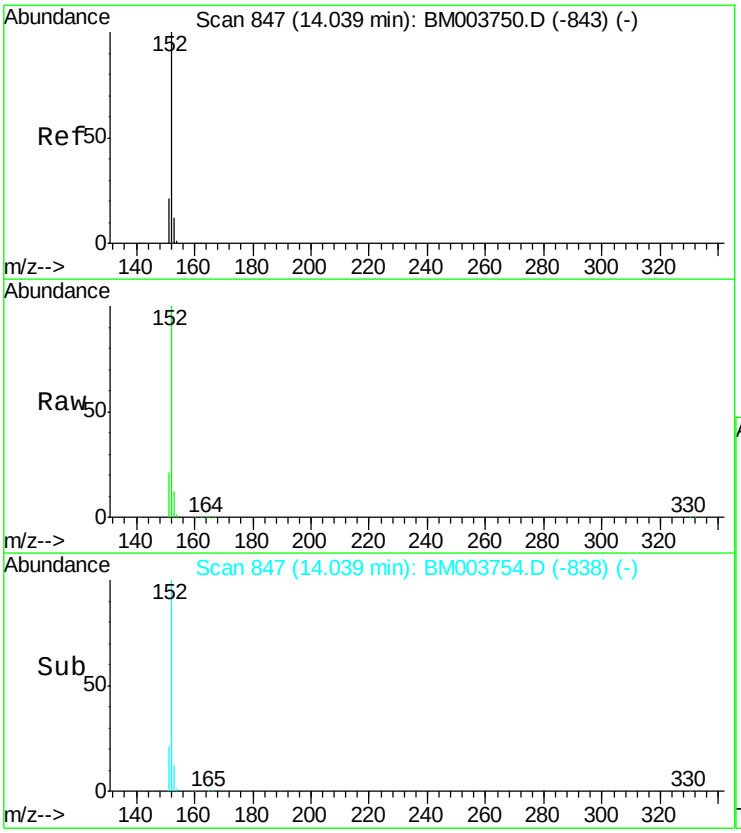
#15
2-Fluorobiphenyl
Concen: 0.94 ng
RT: 12.95 min Scan# 770
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 31325

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.0	40.6
170	22.1	17.9	26.9

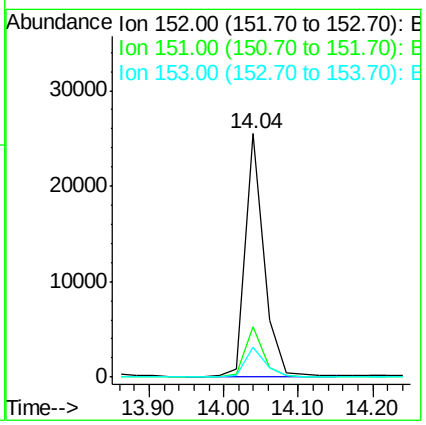


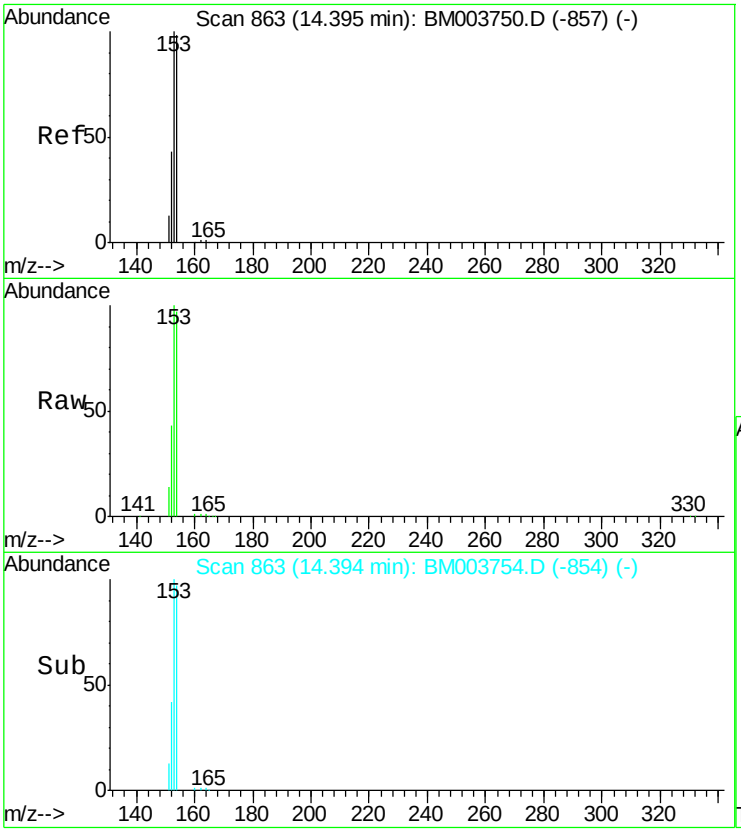


#16
Acenaphthylene
Concen: 0.87 ng
RT: 14.04 min Scan# 847
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Tgt Ion:152 Resp: 44049

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	12.8	10.2	15.4



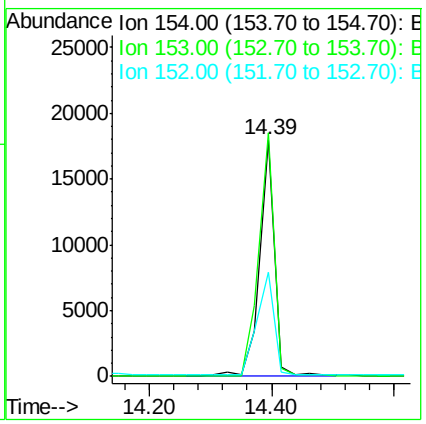


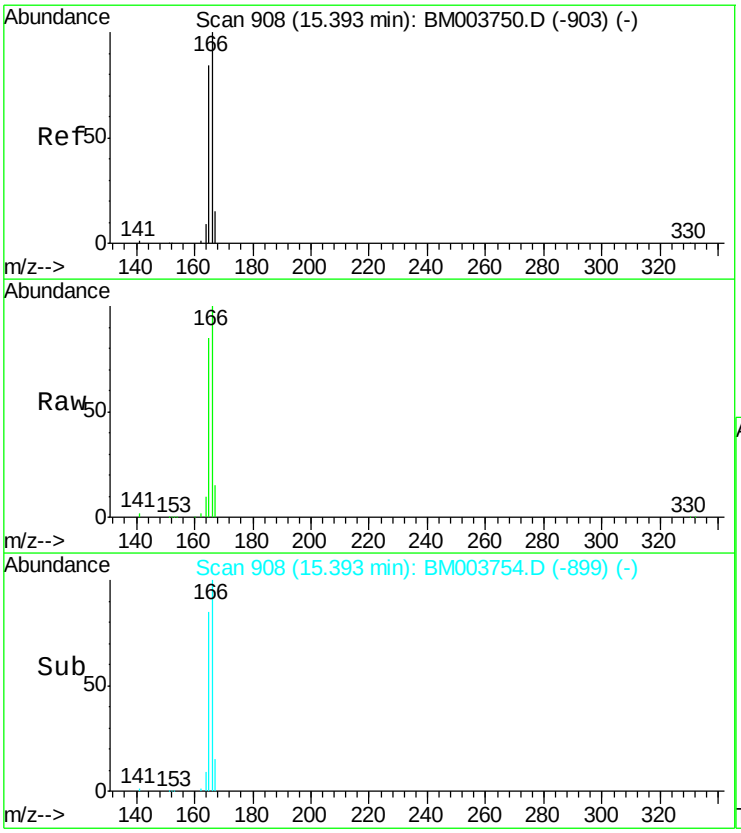
#17
Acenaphthene
Concen: 0.95 ng
RT: 14.39 min Scan# 863
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 30194

Ion	Ratio	Lower	Upper
154	100		
153	107.6	85.4	128.2
152	50.5	40.6	60.8

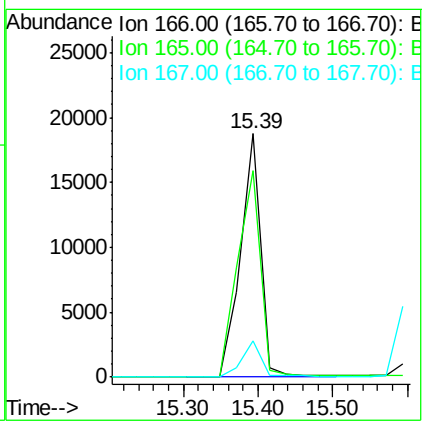


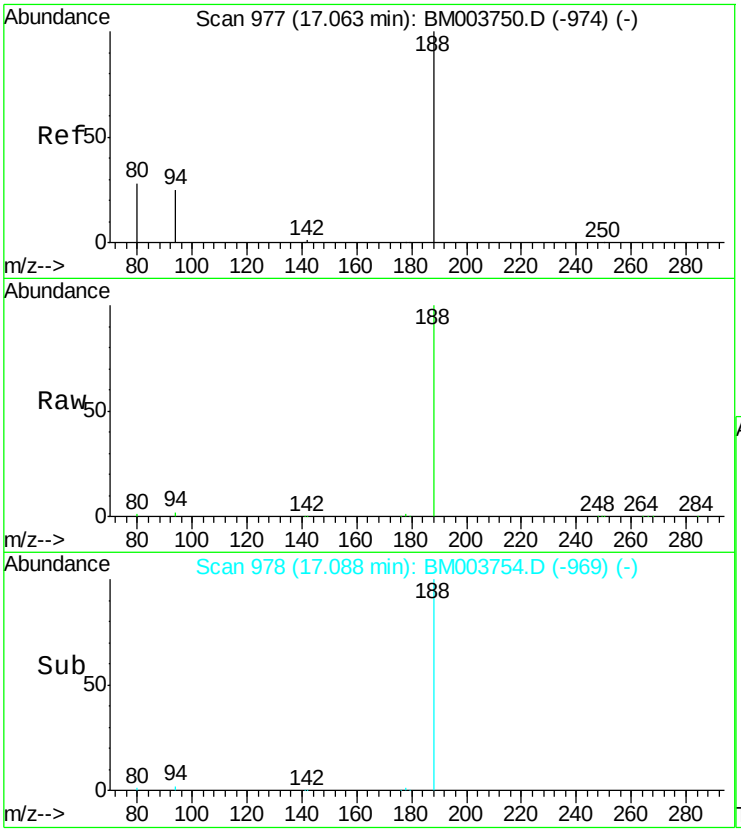


#18
Fluorene
Concen: 0.91 ng
RT: 15.39 min Scan# 908
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Tgt Ion:166 Resp: 34705

Ion	Ratio	Lower	Upper
166	100		
165	95.9	77.2	115.8
167	13.6	11.0	16.6



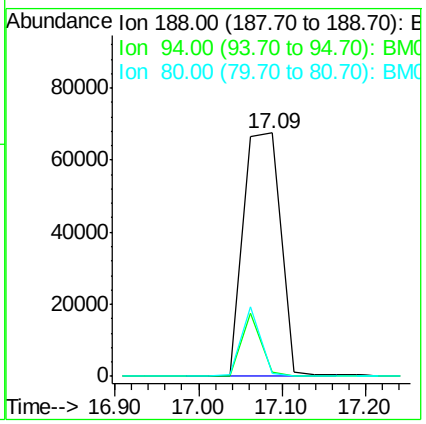


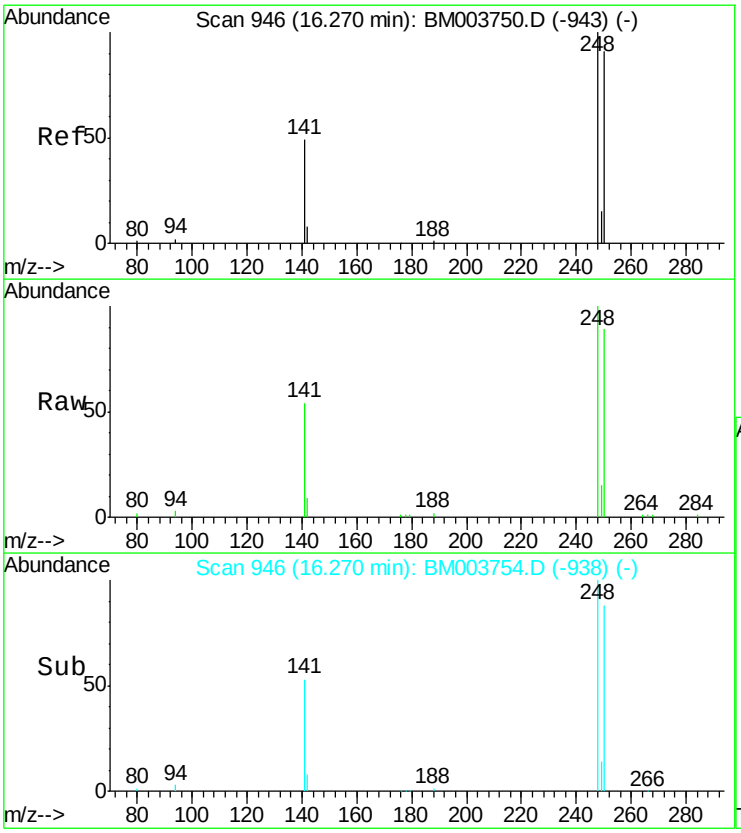
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 978
Delta R.T. 0.03 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 209050

Ion	Ratio	Lower	Upper
188	100		
94	1.7	20.3	30.5#
80	1.3	22.2	33.4#

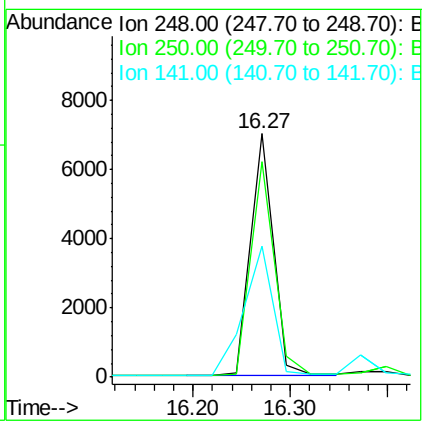


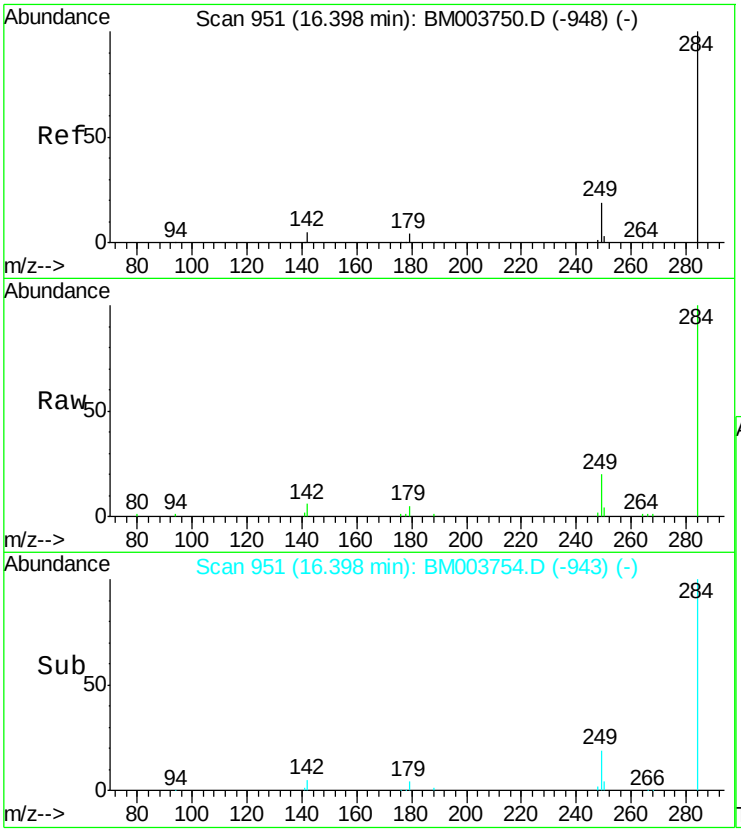


#20
4-Bromophenyl-phenylether
Concen: 1.26 ng
RT: 16.27 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Tgt Ion:248 Resp: 11414

Ion	Ratio	Lower	Upper
248	100		
250	91.7	75.0	112.4
141	67.6	53.0	79.4



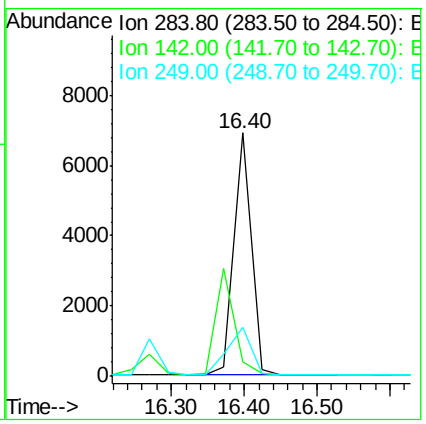


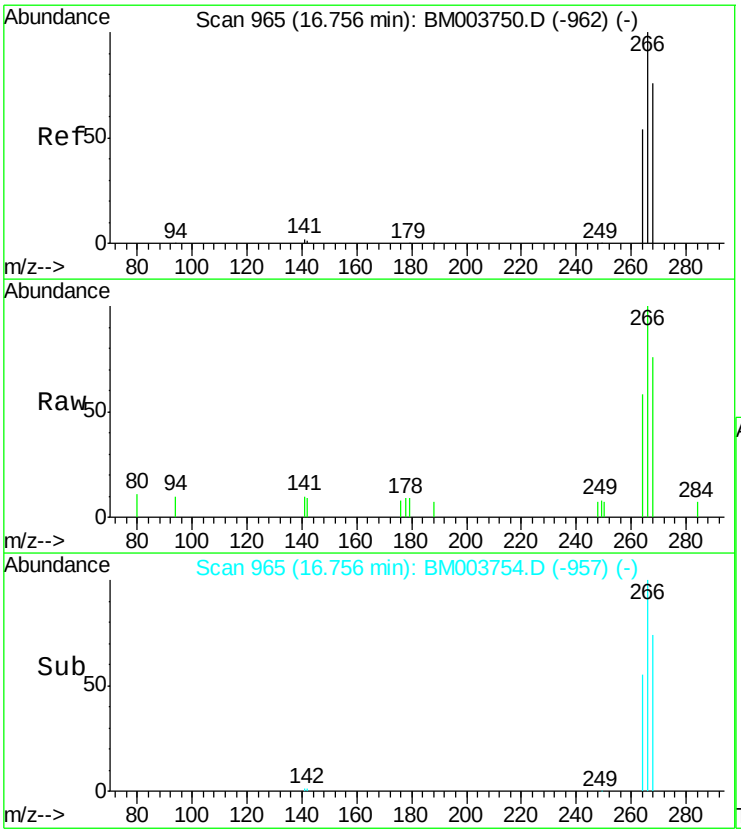
#21
Hexachlorobenzene
Concen: 1.29 ng
RT: 16.40 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 11139

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	26.4	21.5	32.3

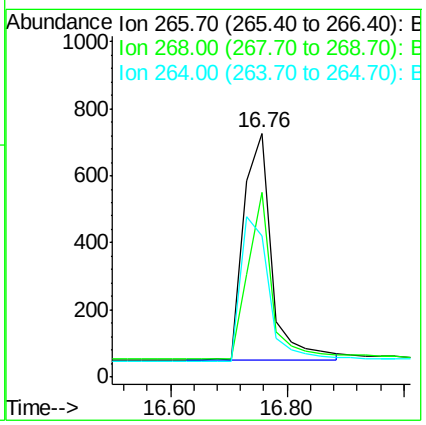


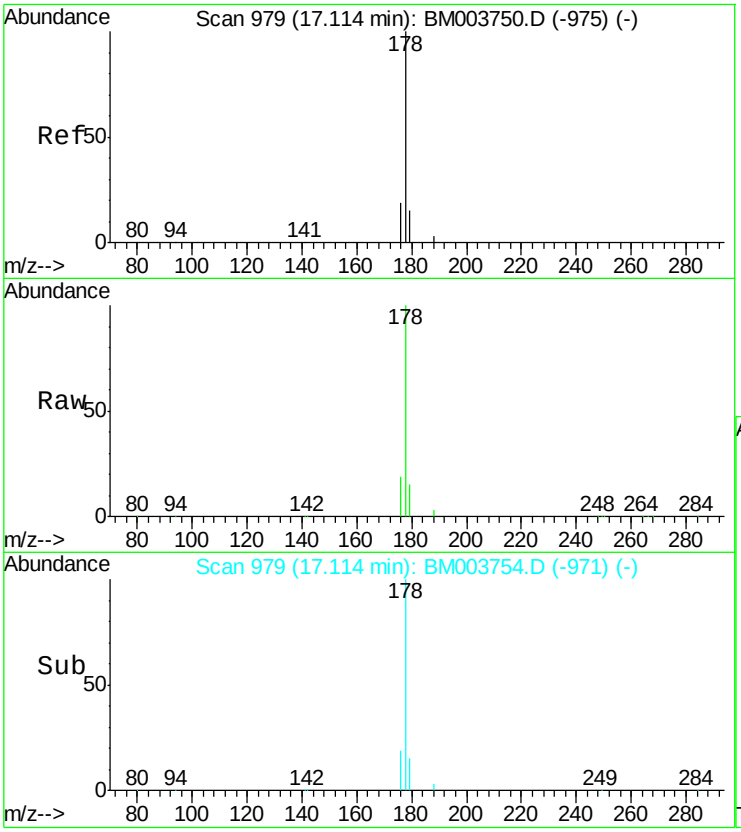


#22
Pentachlorophenol
Concen: 0.91 ng
RT: 16.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Tgt Ion:266 Resp: 2240

Ion	Ratio	Lower	Upper
266	100		
268	76.0	62.7	94.1
264	57.7	45.7	68.5



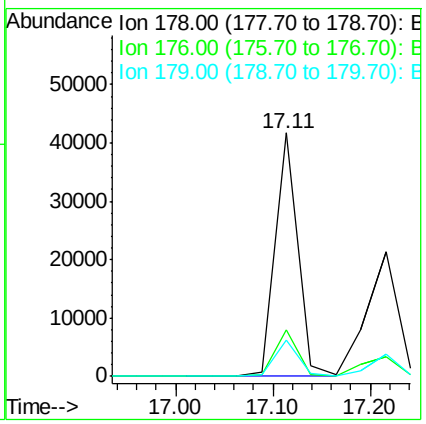


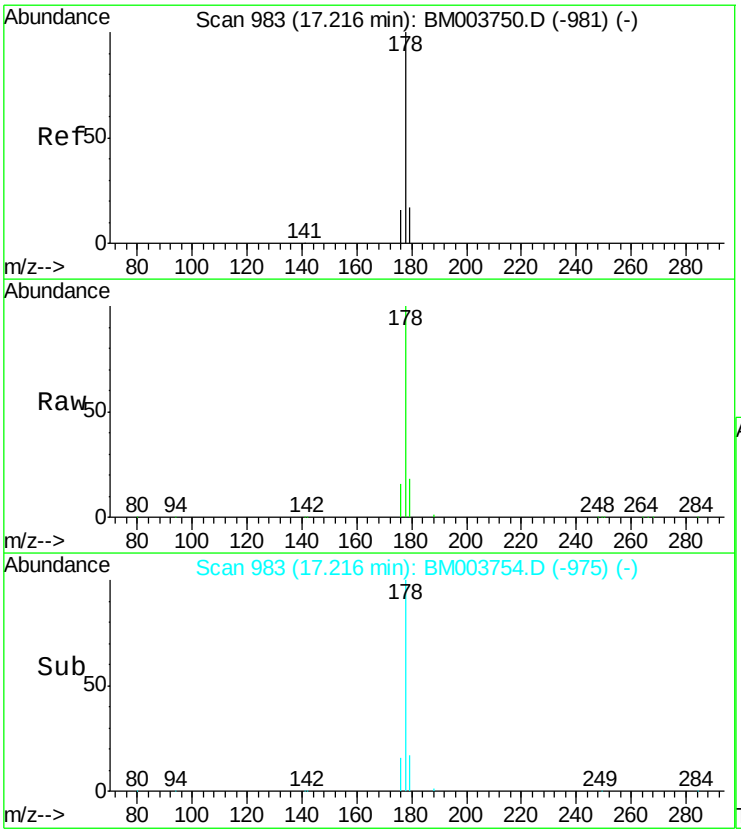
#23
Phenanthrene
Concen: 1.03 ng
RT: 17.11 min Scan# 979
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 68271

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.1	12.2	18.4

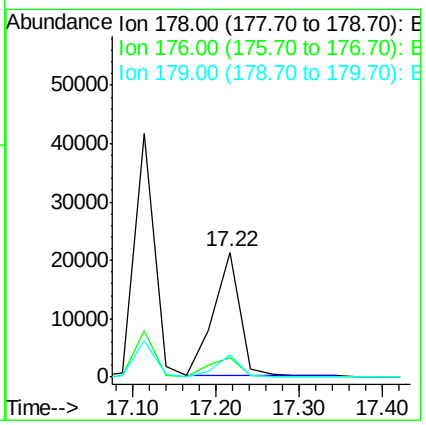


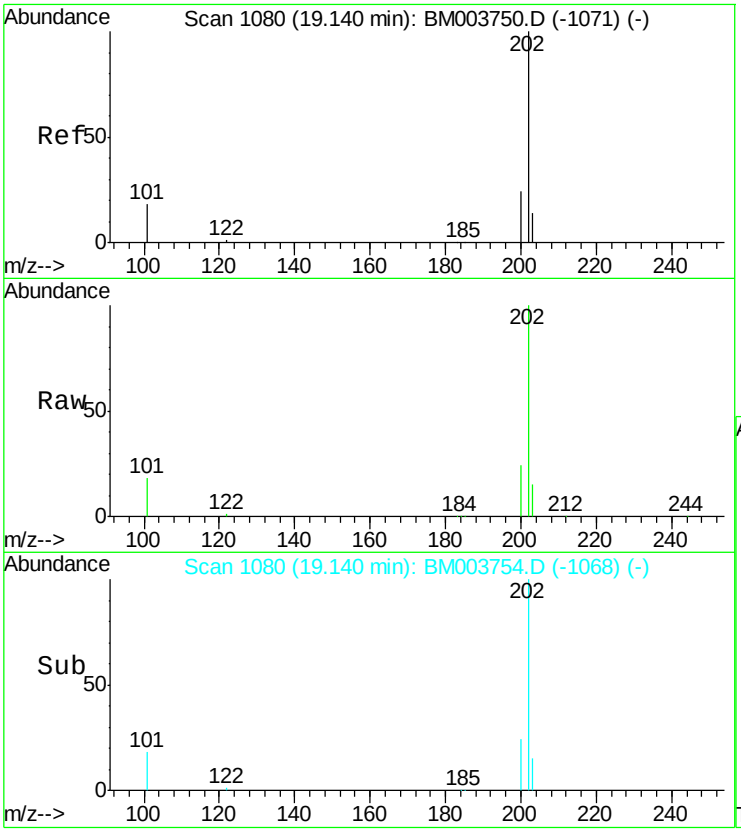


#24
Anthracene
Concen: 0.95 ng
RT: 17.22 min Scan# 983
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Tgt Ion:178 Resp: 46783

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.9	12.6	19.0



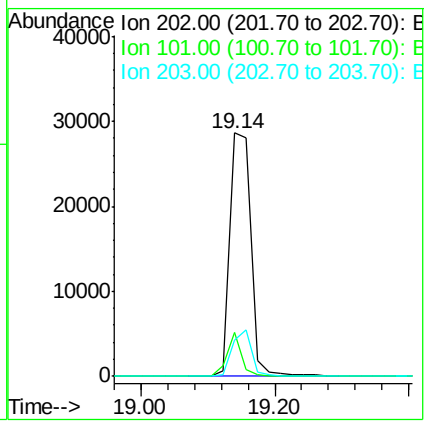


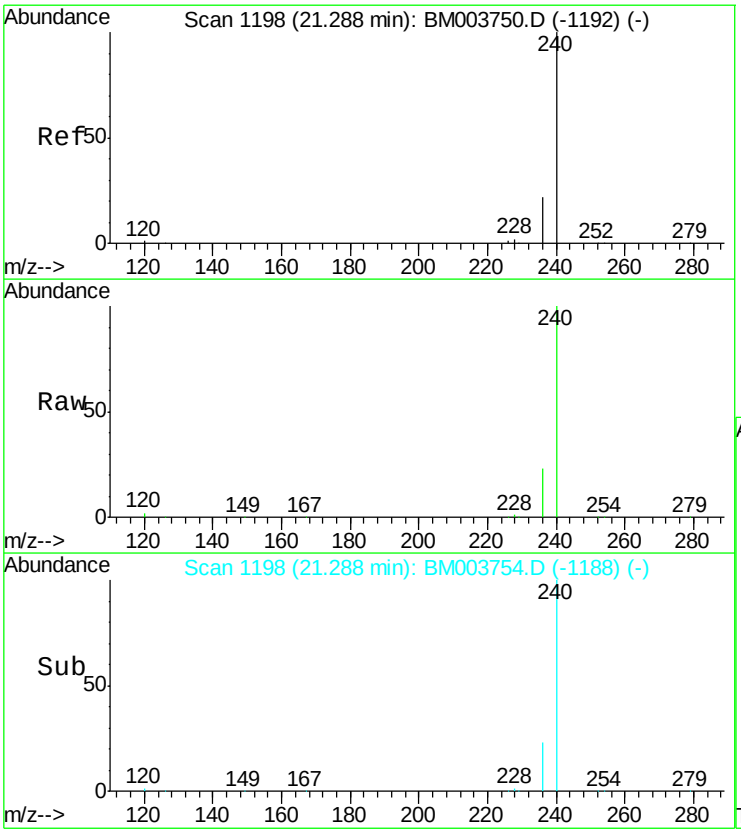
#25
Fluoranthene
Concen: 0.97 ng
RT: 19.14 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 62117

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.7	14.5
203	17.2	13.8	20.8

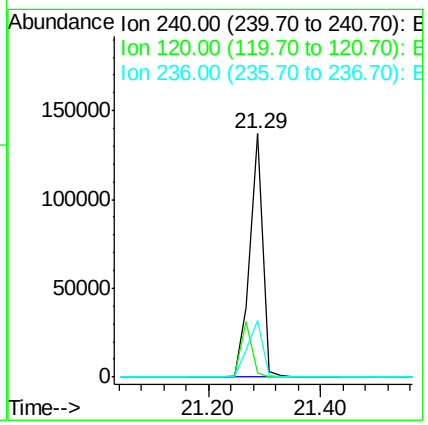


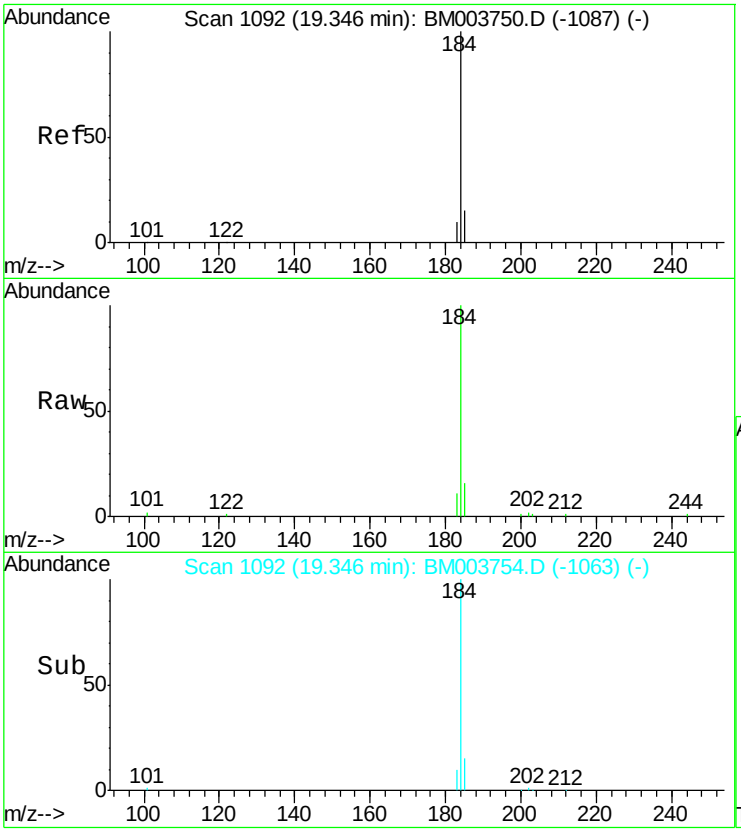


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Tgt Ion:240 Resp: 222636

Ion	Ratio	Lower	Upper
240	100		
120	1.6	0.9	1.3#
236	23.3	17.3	25.9



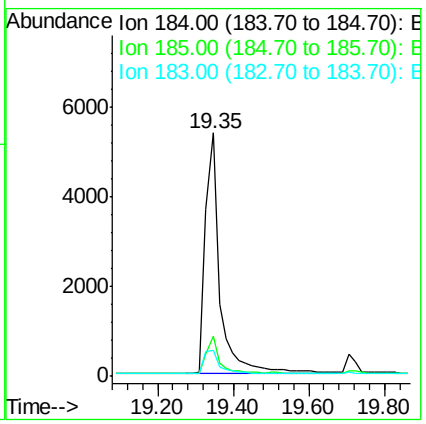


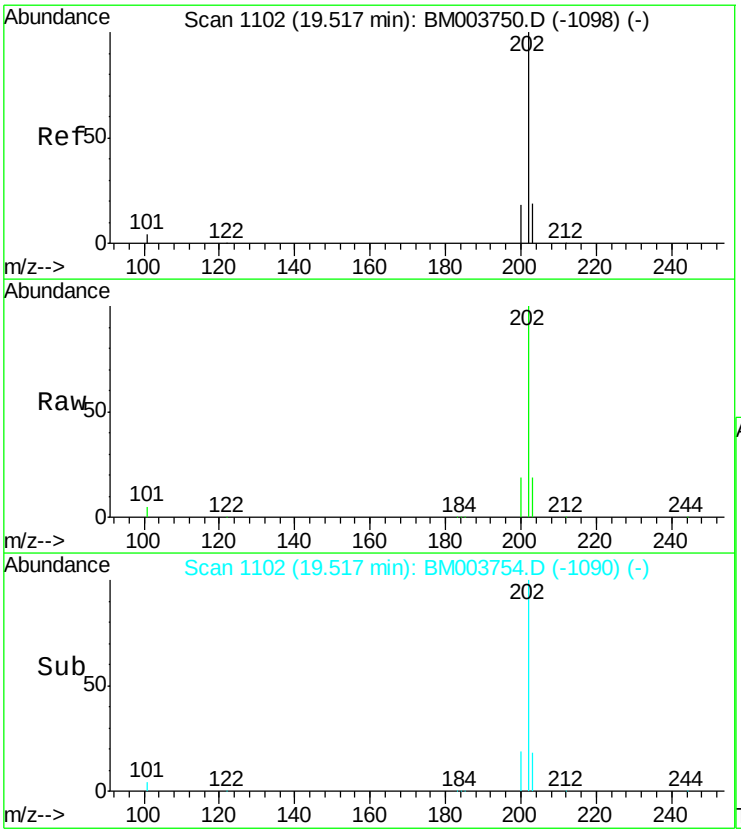
#27
Benzidine
Concen: 0.97 ng
RT: 19.35 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 13961

Ion	Ratio	Lower	Upper
184	100		
185	16.2	13.2	19.8
183	10.7	9.0	13.6

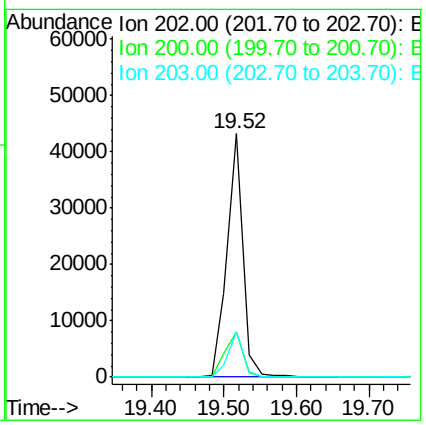


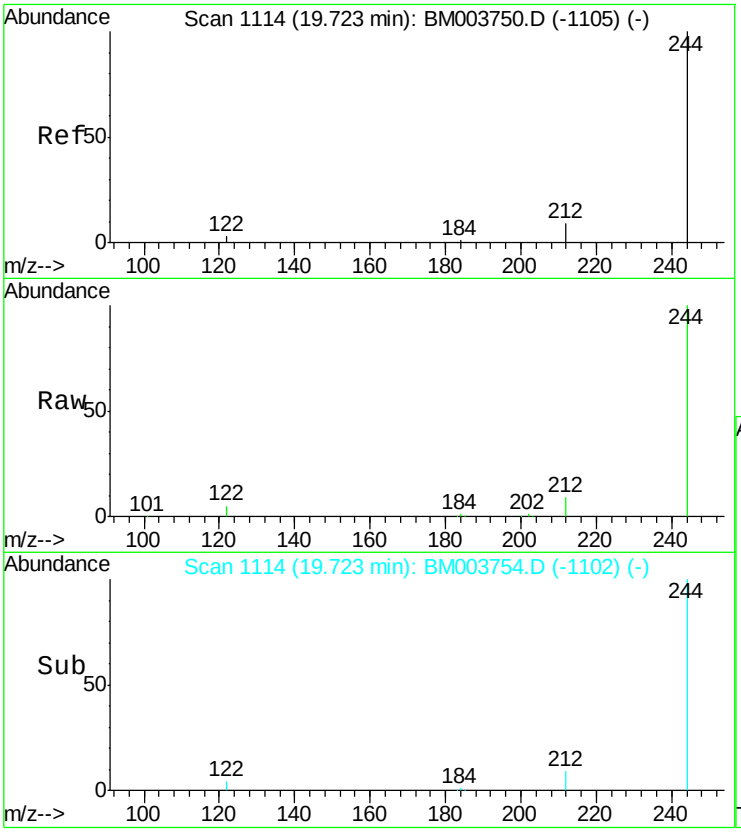


#28
Pyrene
Concen: 0.89 ng
RT: 19.52 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Tgt Ion:202 Resp: 65024

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.6	14.0	21.0



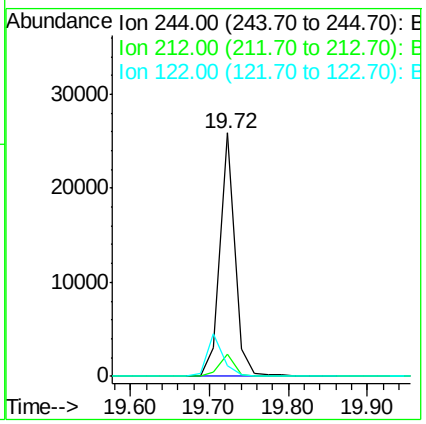


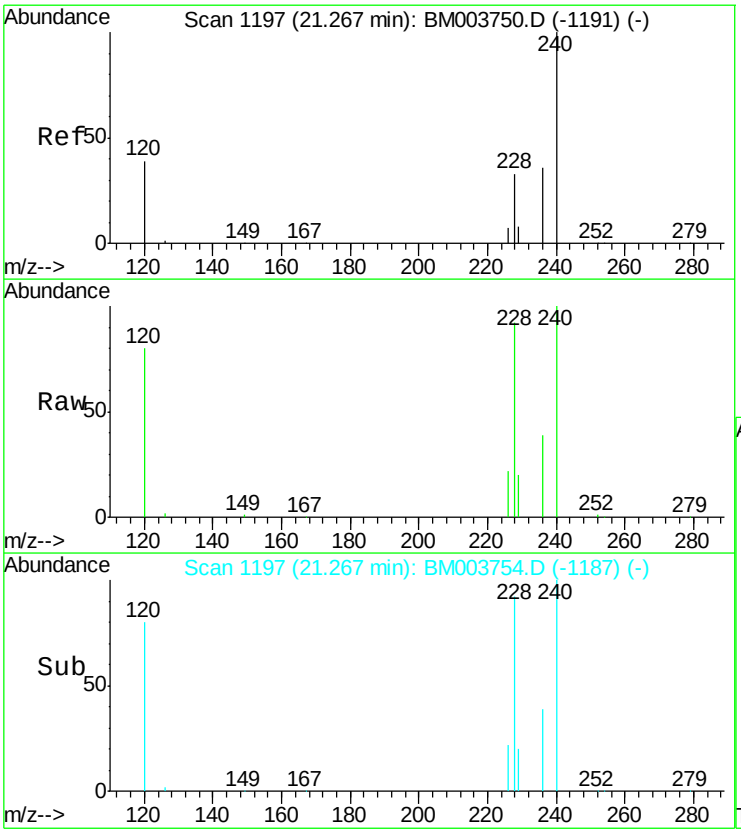
#29
Terphenyl-d14
Concen: 0.90 ng
RT: 19.72 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 33025

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	4.5	3.0	4.6

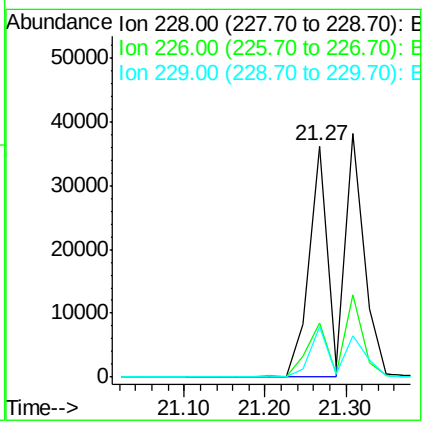


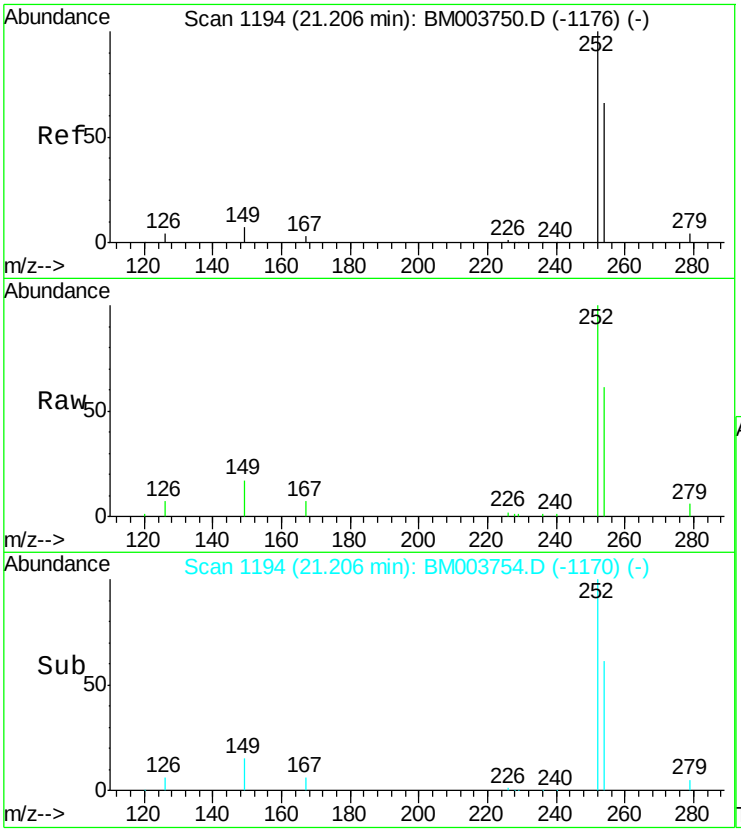


#30
Benzo(a)anthracene
Concen: 0.86 ng
RT: 21.27 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Tgt Ion:228 Resp: 56906

Ion	Ratio	Lower	Upper
228	100		
226	23.6	17.2	25.8
229	21.8	18.7	28.1



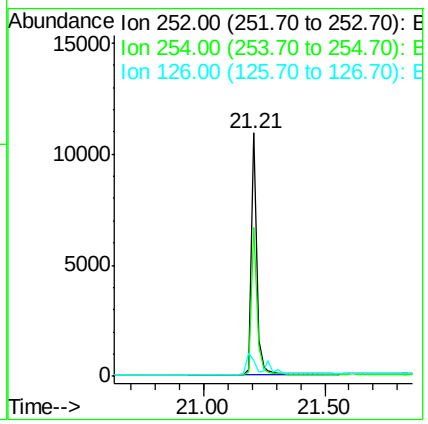


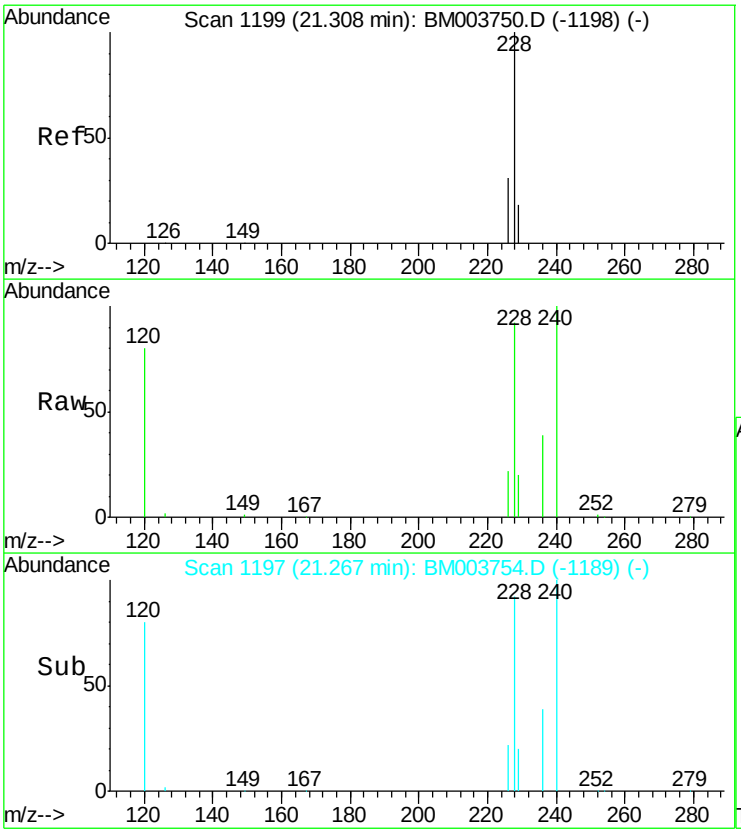
#31
3,3'-Dichlorobenzidine
Concen: 1.00 ng
RT: 21.21 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 17119

Ion	Ratio	Lower	Upper
252	100		
254	61.2	52.6	79.0
126	6.5	3.7	5.5#

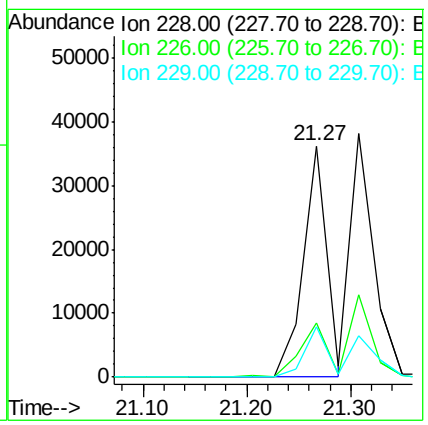


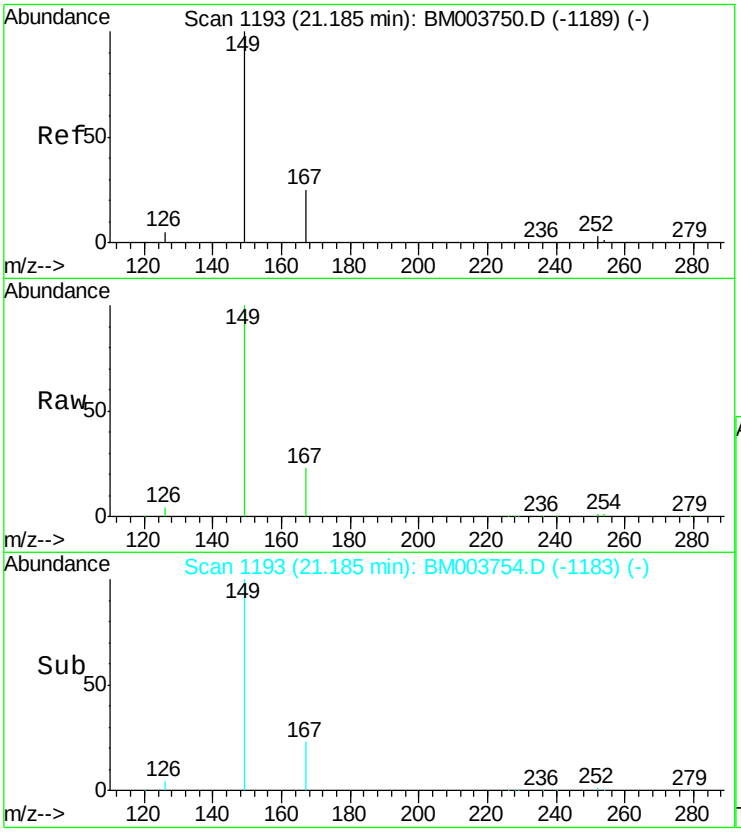


#32
Chrysene
Concen: 0.88 ng
RT: 21.27 min Scan# 1197
Delta R.T. -0.04 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Tgt Ion:228 Resp: 56917

Ion	Ratio	Lower	Upper
228	100		
226	23.6	25.3	37.9#
229	21.8	14.5	21.7#



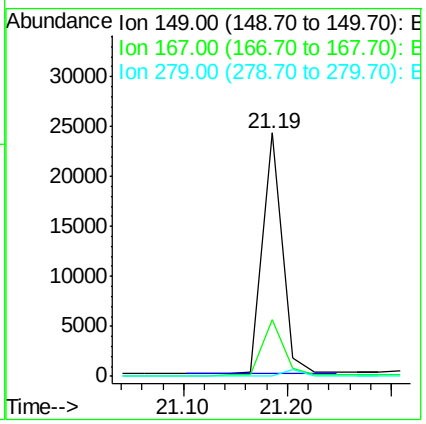


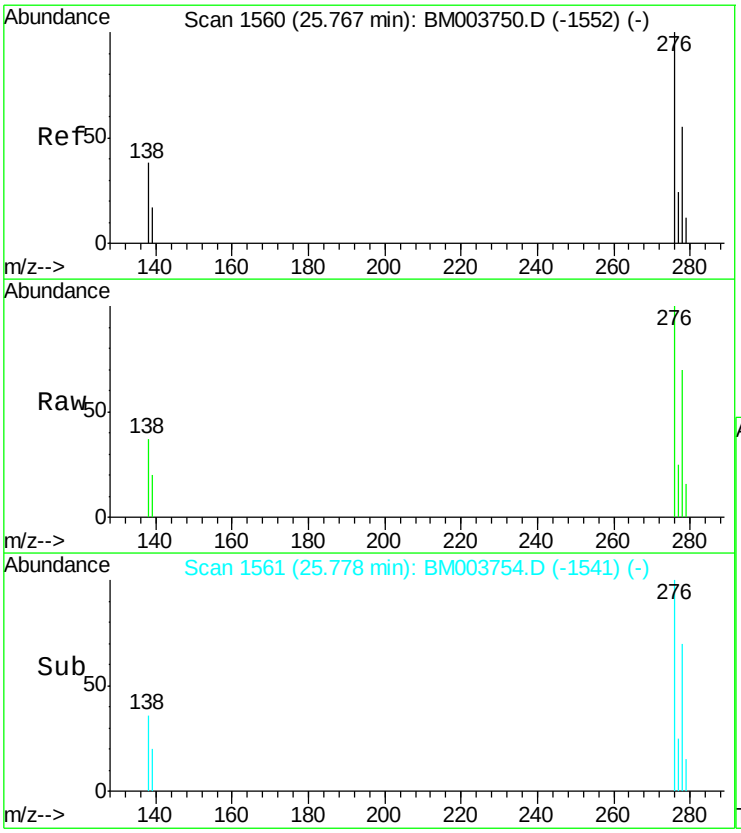
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.86 ng
RT: 21.19 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 31986

Ion	Ratio	Lower	Upper
149	100		
167	24.4	20.1	30.1
279	0.0	0.0	0.0

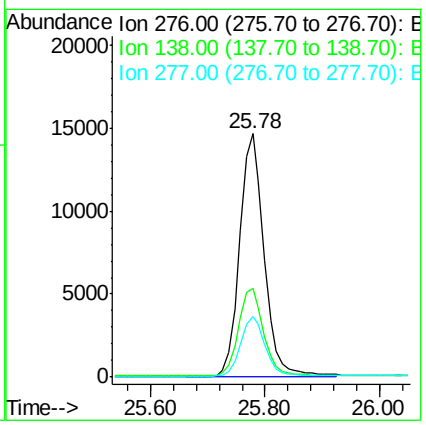


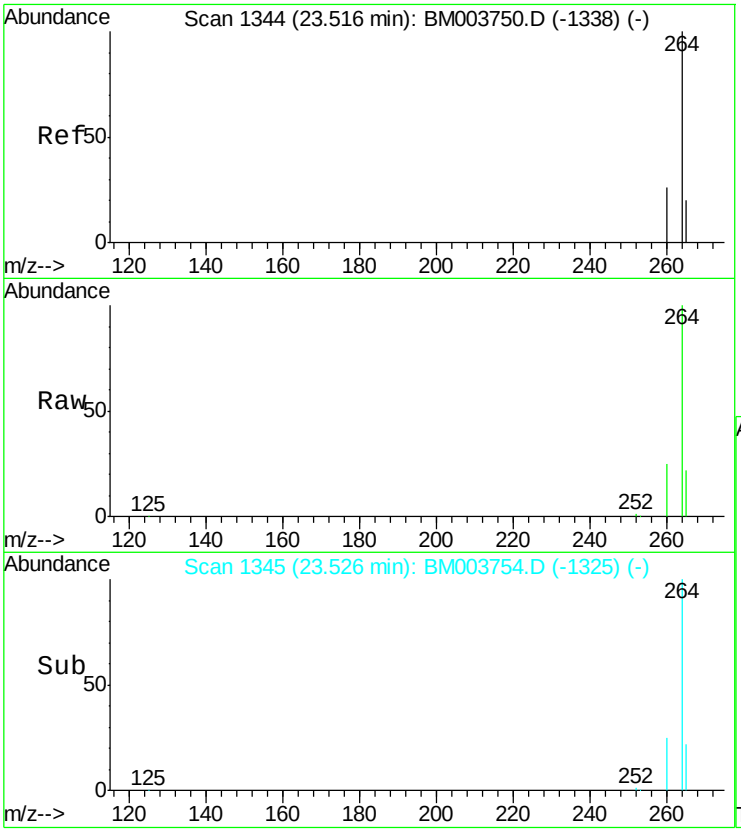


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.91 ng
RT: 25.78 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Tgt Ion:276 Resp: 43065

Ion	Ratio	Lower	Upper
276	100		
138	37.0	30.2	45.2
277	24.7	19.8	29.8



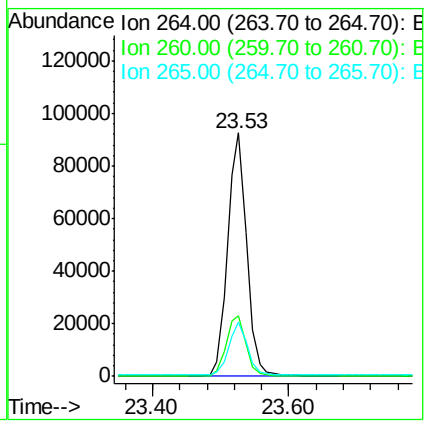


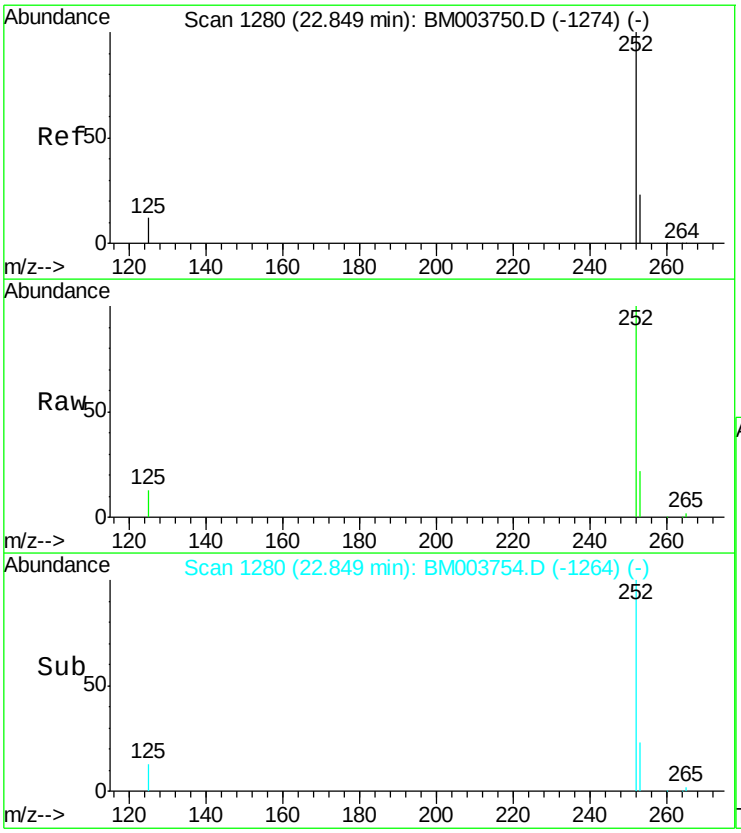
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.53 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 179657

Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.2	31.8
265	22.2	16.7	25.1

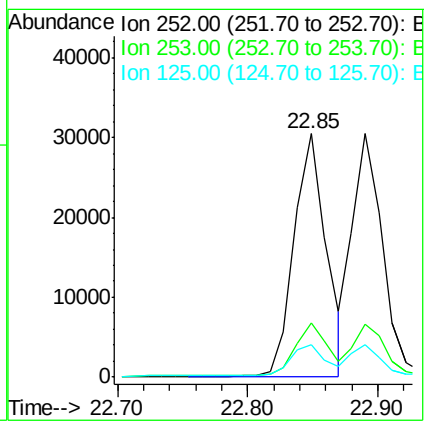


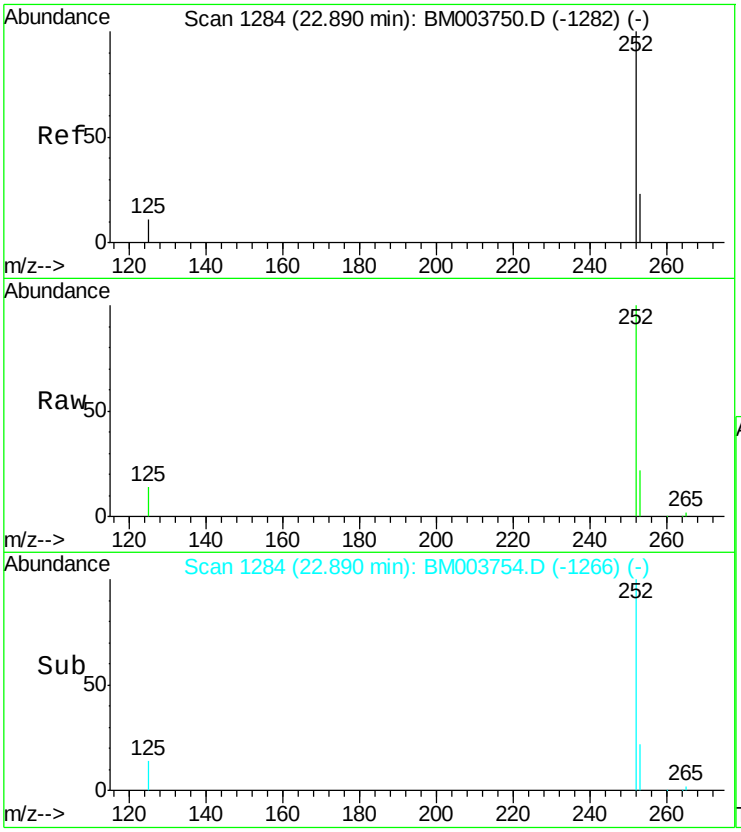


#36
Benzo(b)fluoranthene
Concen: 0.92 ng
RT: 22.85 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Tgt Ion:252 Resp: 51928

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.8	28.2
125	13.2	10.2	15.4



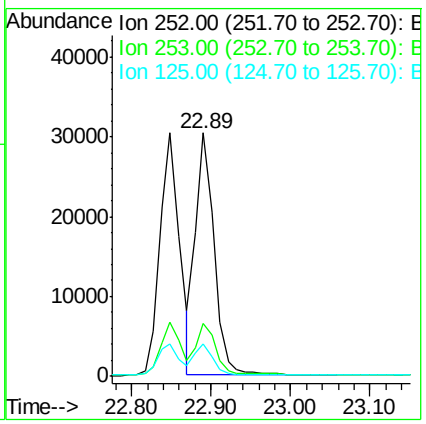


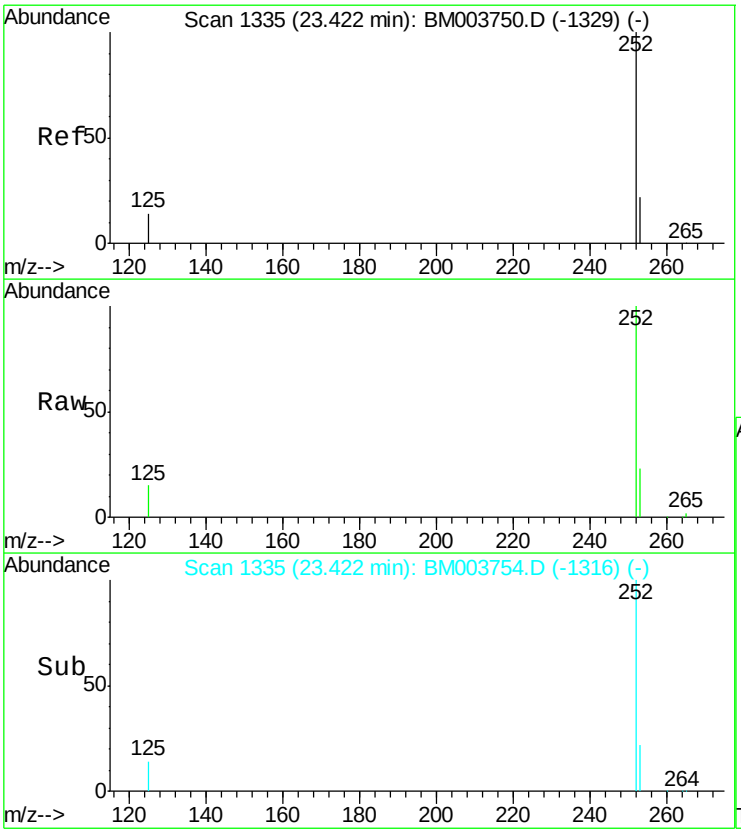
#37
Benzo(k)fluoranthene
Concen: 0.95 ng
RT: 22.89 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 49276

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.3	27.5
125	13.5	10.6	15.8

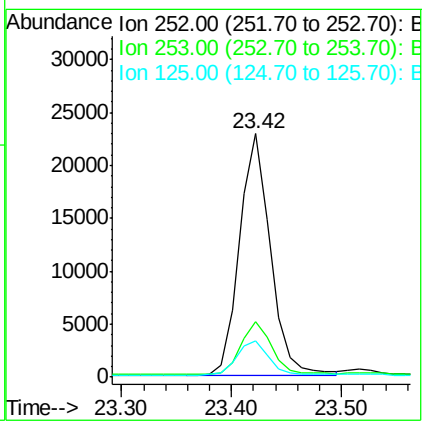


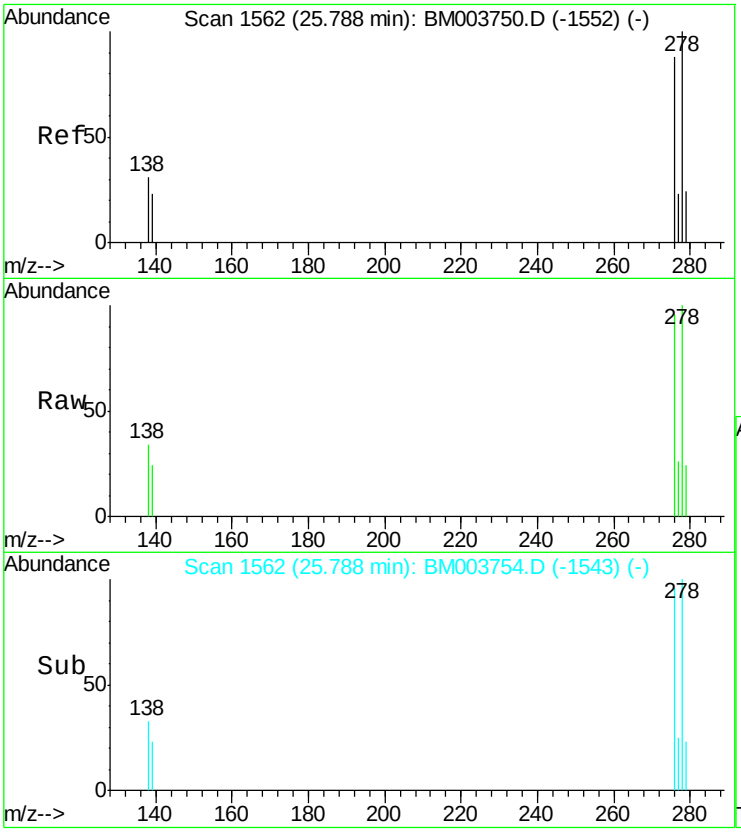


#38
Benzo(a)pyrene
Concen: 0.92 ng
RT: 23.42 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Tgt Ion:252 Resp: 44500

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.7	28.1
125	14.8	11.8	17.8



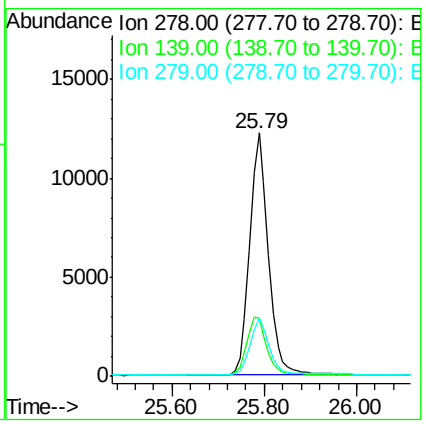


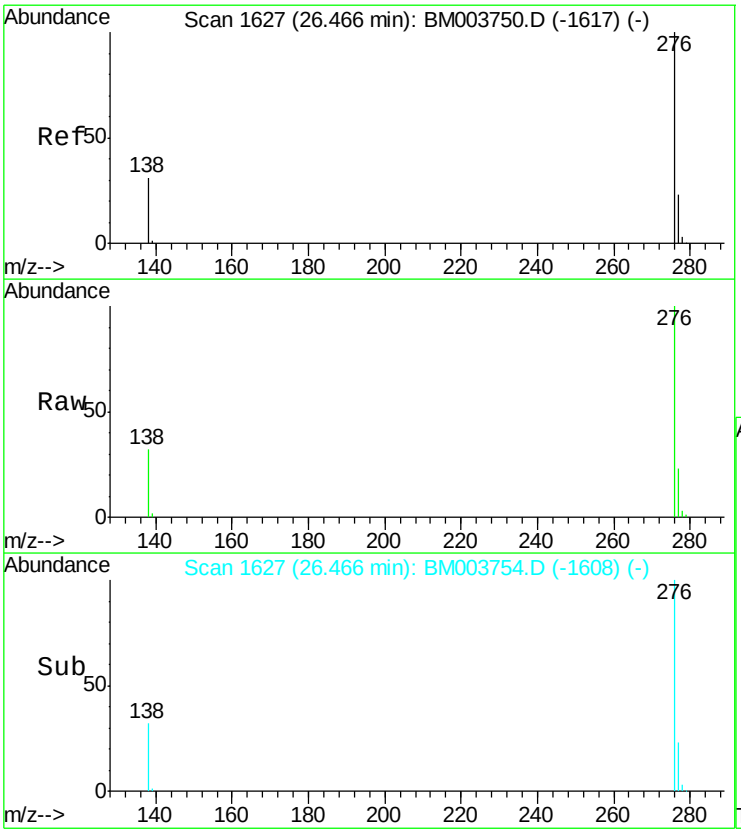
#39
Dibenzo(a,h)anthracene
Concen: 0.92 ng
RT: 25.79 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 34618

Ion	Ratio	Lower	Upper
278	100		
139	23.7	19.0	28.6
279	24.0	19.6	29.4





#40
Benzo(g,h,i)perylene
Concen: 0.92 ng
RT: 26.47 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Tgt Ion:276 Resp: 35984

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	32.2	25.0	37.4