Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003748.D
Acq On : 23 Dec 2015 18:07
Operator : UM/SJ
Sample : SSTDICC0.5
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 24 01:26:54 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	44711	5.00	ng		0.00
7) Naphthalene-d8	10.48	136	184797	5.00	ng		0.00
13) Acenaphthene-d10	14.33	164	105484	5.00	ng		0.00
19) Phenanthrene-d10	17.09	188	192910	5.00	ng		0.03
26) Chrysene-d12	21.29	240	203273	5.00	ng		0.00
35) Perylene-d12	23.53	264	176917	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	5113	0.56	ng		0.00
5) Phenol-d6	6.87	99	6041	0.55	ng		0.00
8) Nitrobenzene-d5	8.85	82	4580	0.53	ng		0.00
14) 2,4,6-Tribromophenol	15.84	330	1390	0.63	ng		0.00
15) 2-Fluorobiphenyl	12.96	172	15249	0.48	ng		0.00
29) Terphenyl-d14	19.72	244	16653	0.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	2204	0.54	ng		98
3) n-Nitrosodimethylamine	3.49	42	2236	0.54	ng	#	97
6) bis(2-Chloroethyl)ether	7.11	93	5453	0.51	ng		99
9) Nitrobenzene	8.89	77	5149	0.55	ng		100
10) Naphthalene	10.51	128	20384	0.51	ng		99
11) Hexachlorobutadiene	10.80	225	3180	0.52	ng		99
12) 2-Methylnaphthalene	12.14	142	13479	0.50	ng		99
16) Acenaphthylene	14.04	152	21428	0.52	ng		100
17) Acenaphthene	14.39	154	14966	0.53	ng		100
18) Fluorene	15.39	166	17018	0.54	ng		100
20) 4-Bromophenyl-phenylether	16.27	248	5605	0.90	ng		98
21) Hexachlorobenzene	16.40	284	5461	0.76	ng	#	100
22) Pentachlorophenol	16.76	266	1279	0.60	ng		99
23) Phenanthrene	17.11	178	33602	0.83	ng		100
24) Anthracene	17.22	178	23506	0.59	ng		100
25) Fluoranthene	19.16	202	31028	0.77	ng		100
27) Benzidine	19.35	184	2291	0.14	ng	#	84
28) Pyrene	19.52	202	33267	0.45	ng		100
30) Benzo(a)anthracene	21.27	228	28580	0.52	ng		98
31) 3,3'-Dichlorobenzidine	21.21	252	9196	0.64	ng	#	94
32) Chrysene	21.27	228	28560	0.45	ng	#	86
33) Bis(2-ethylhexyl)phthalate	21.19	149	21149	0.75	ng	#	100
34) Indeno(1,2,3-cd)pyrene	25.78	276	22637	0.47	ng		100
36) Benzo(b)fluoranthene	22.85	252	27755	0.51	ng		99
37) Benzo(k)fluoranthene	22.89	252	24794	0.52	ng		99
38) Benzo(a)pyrene	23.42	252	23377	0.53	ng		98
39) Dibenzo(a,h)anthracene	25.79	278	18133	0.45	ng		98
40) Benzo(g,h,i)perylene	26.47	276	19184	0.45	ng		98

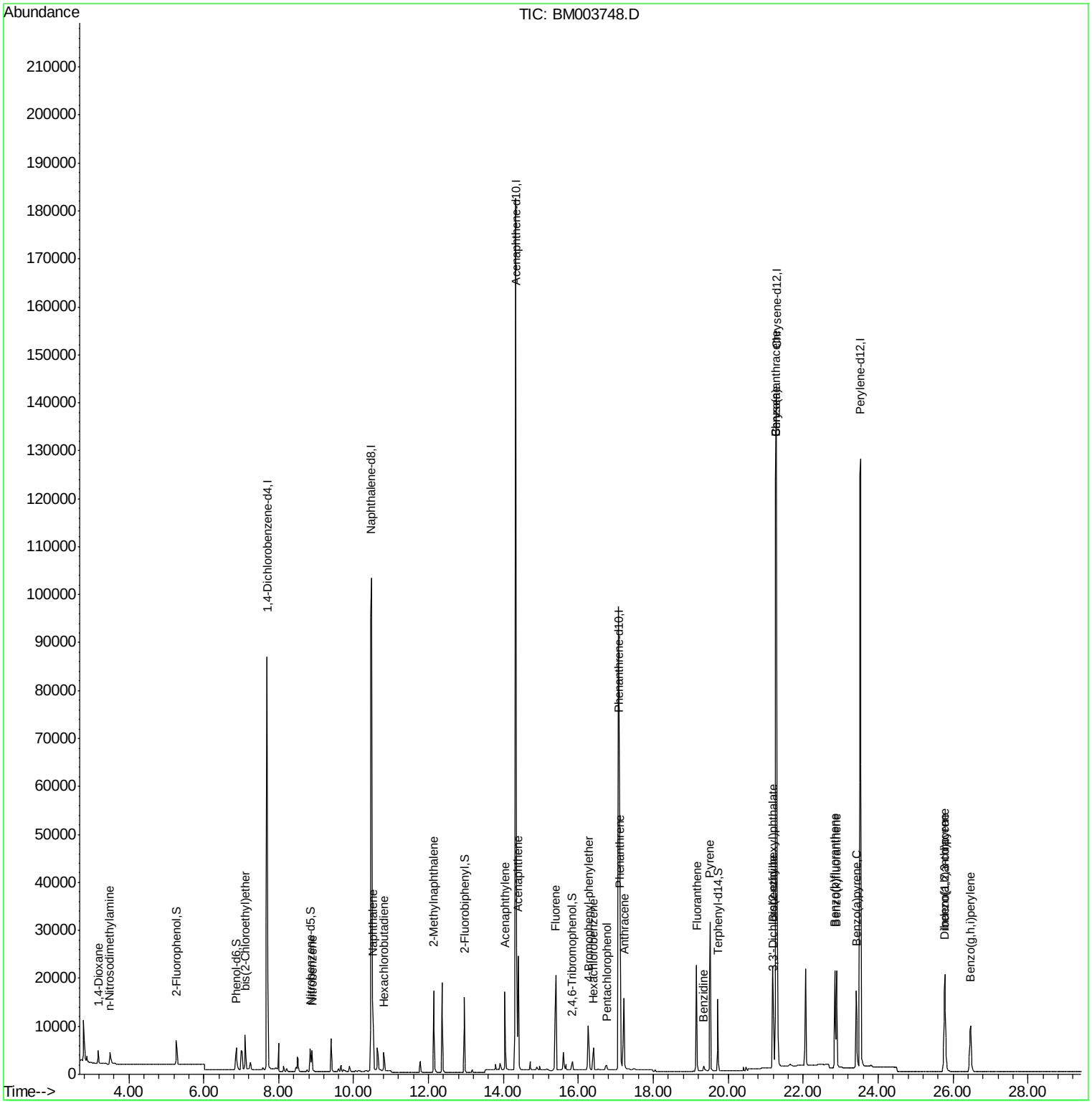
(#) = qualifier out of range (m) = manual integration (+) = signals summed

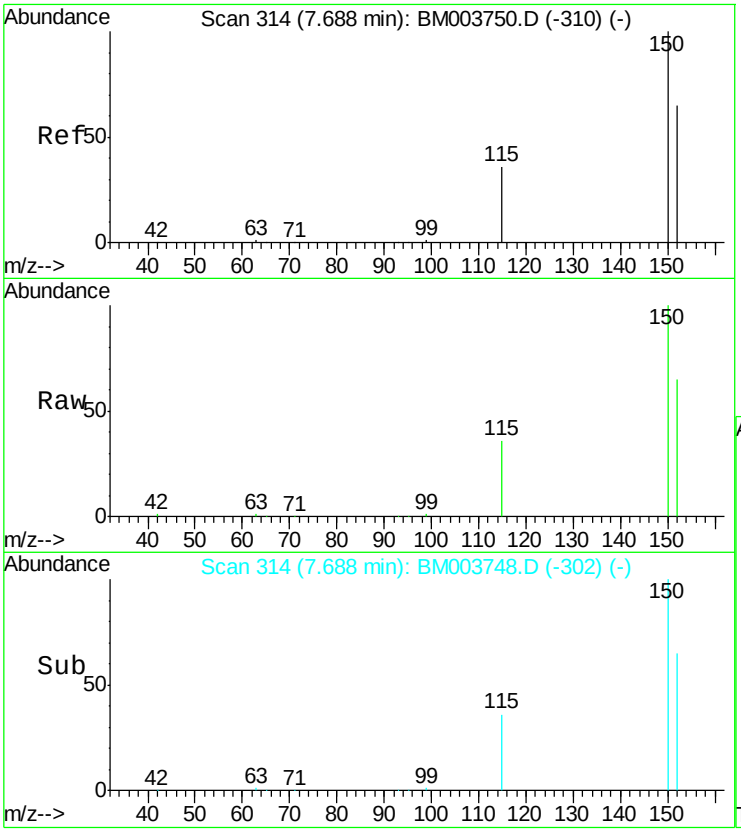
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003748.D
Acq On : 23 Dec 2015 18:07
Operator : UM/SJ
Sample : SSTDICC0.5
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 24 01:26:54 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



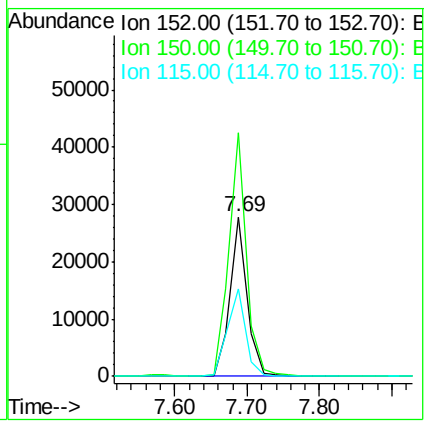


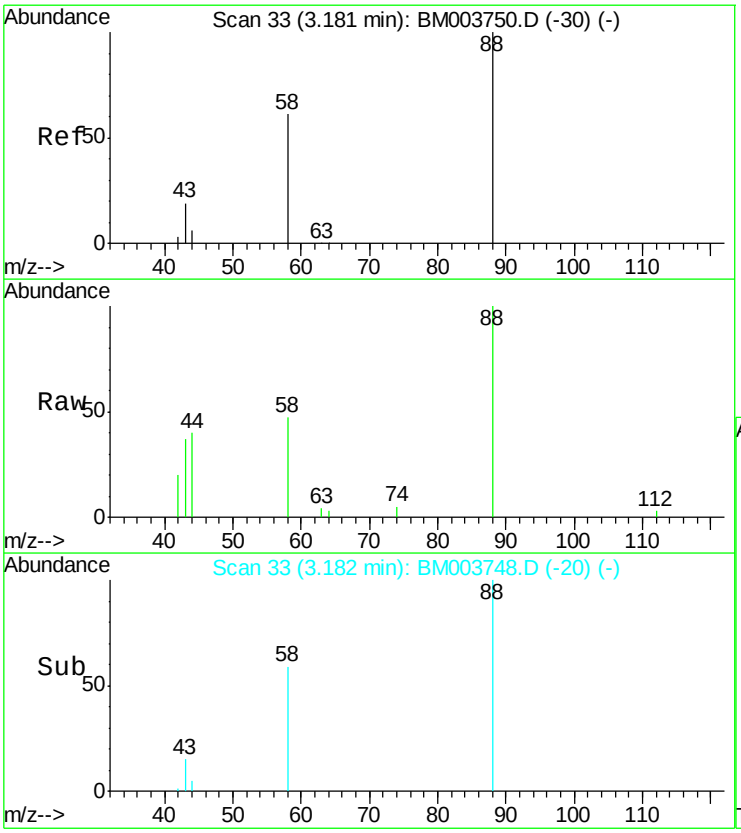
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 44711

Ion	Ratio	Lower	Upper
152	100		
150	153.0	122.9	184.3
115	54.6	44.4	66.6

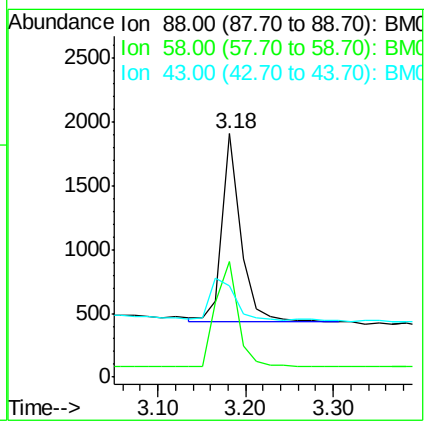


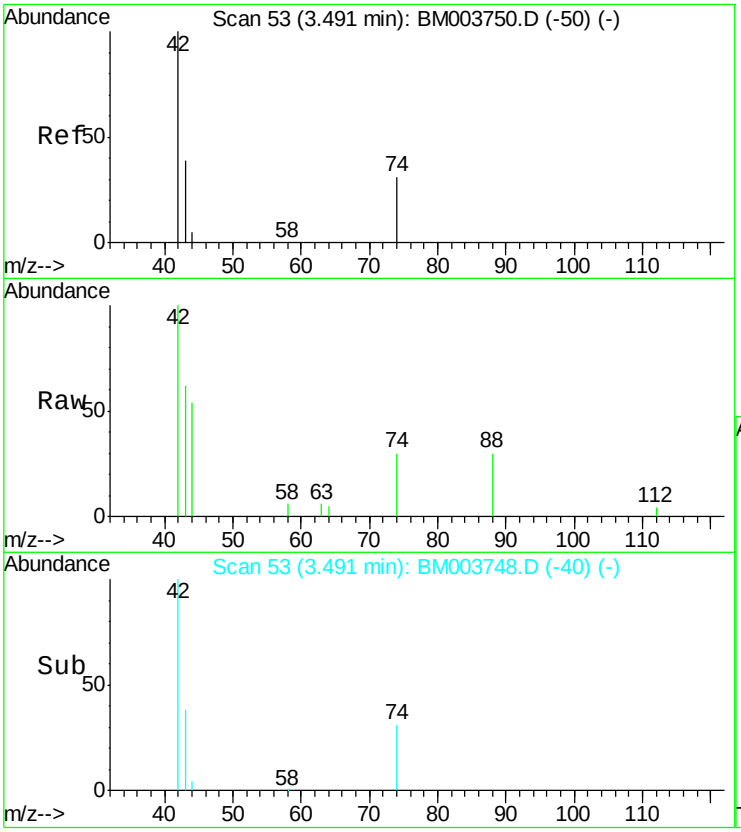


#2
1,4-Dioxane
Concen: 0.54 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Tgt Ion: 88 Resp: 2204

Ion	Ratio	Lower	Upper
88	100		
58	65.2	53.8	80.6
43	28.6	23.8	35.6



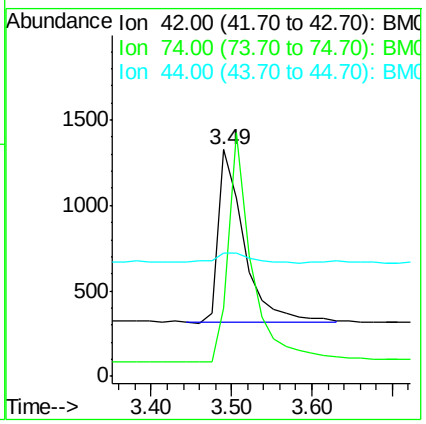


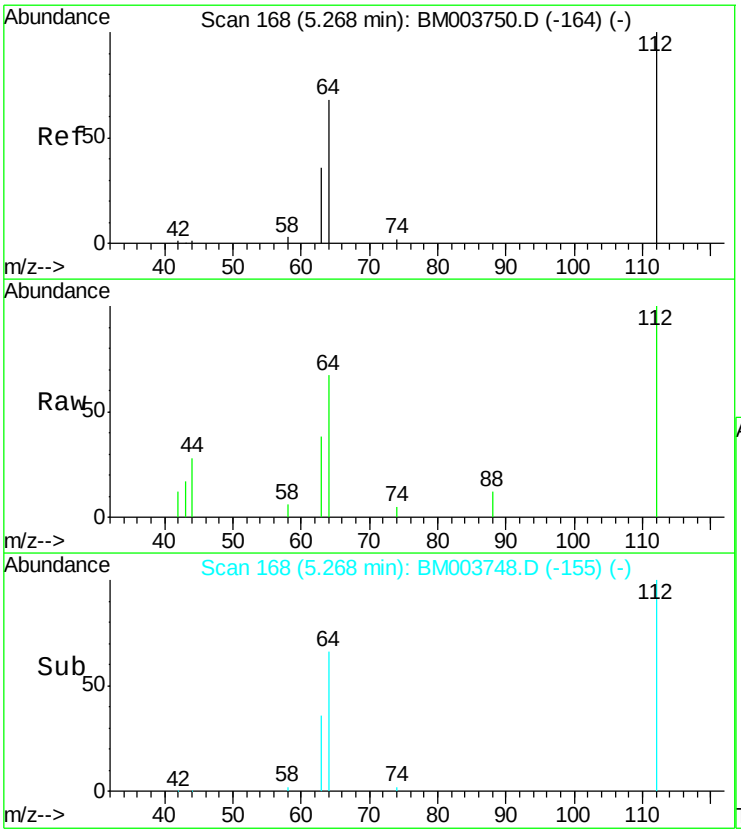
#3
n-Nitrosodimethylamine
Concen: 0.54 ng
RT: 3.49 min Scan# 53
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 42 Resp: 2236

Ion	Ratio	Lower	Upper
42	100		
74	122.5	95.0	142.4
44	7.7	5.1	7.7#

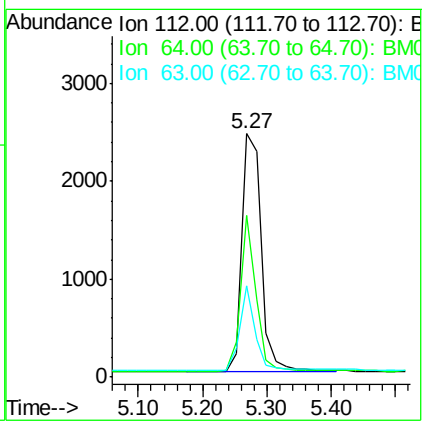


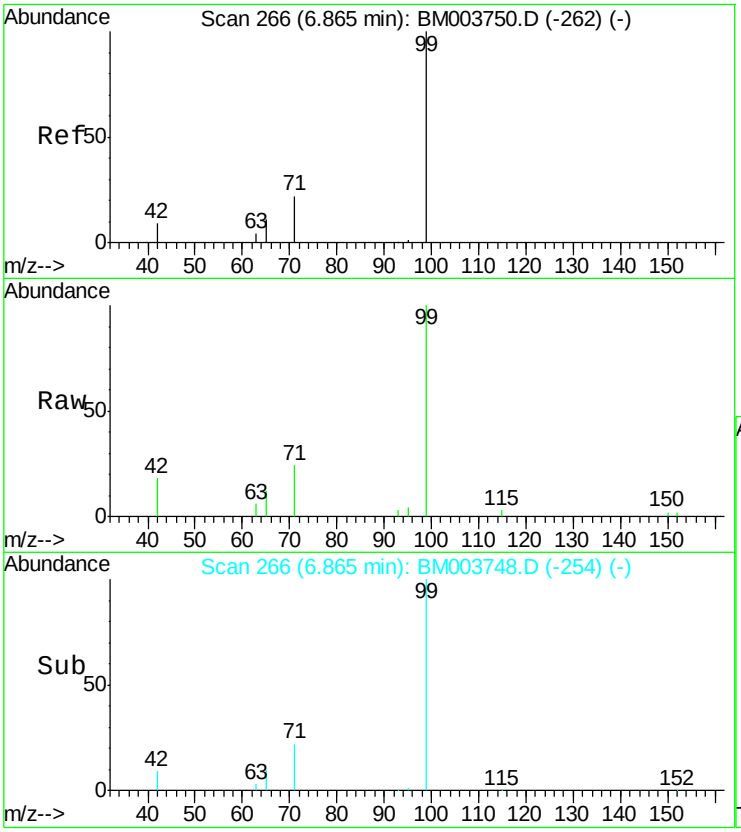


#4
2-Fluorophenol
Concen: 0.56 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Tgt Ion:112 Resp: 5113

Ion	Ratio	Lower	Upper
112	100		
64	51.9	41.8	62.8
63	27.4	22.1	33.1



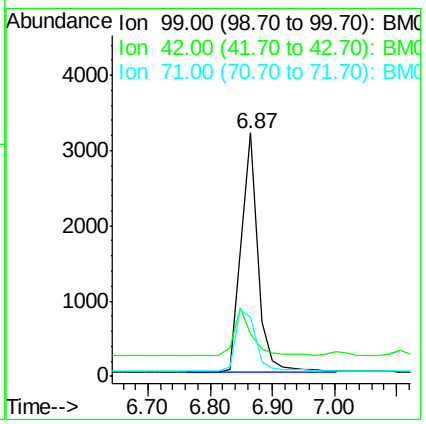


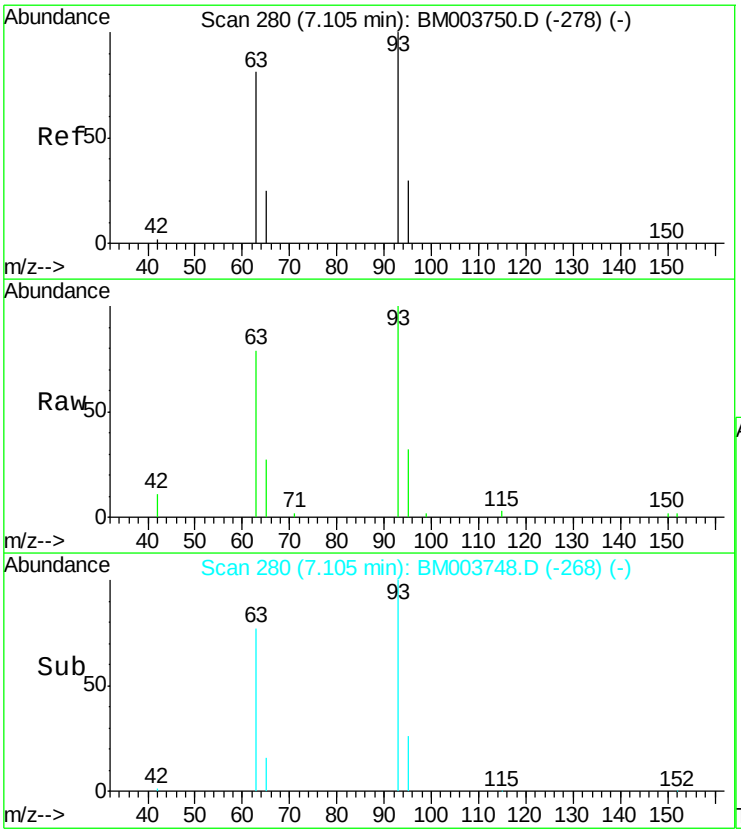
#5
Phenol-d6
Concen: 0.55 ng
RT: 6.87 min Scan# 266
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 6041

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.2	24.2
71	31.3	24.4	36.6

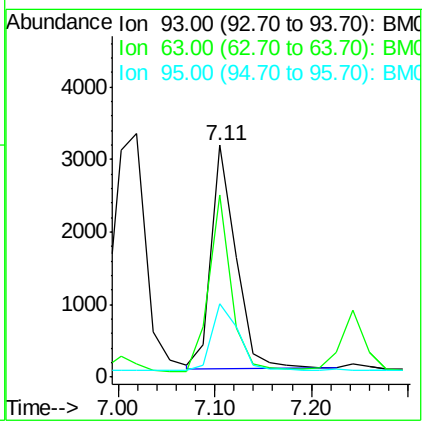


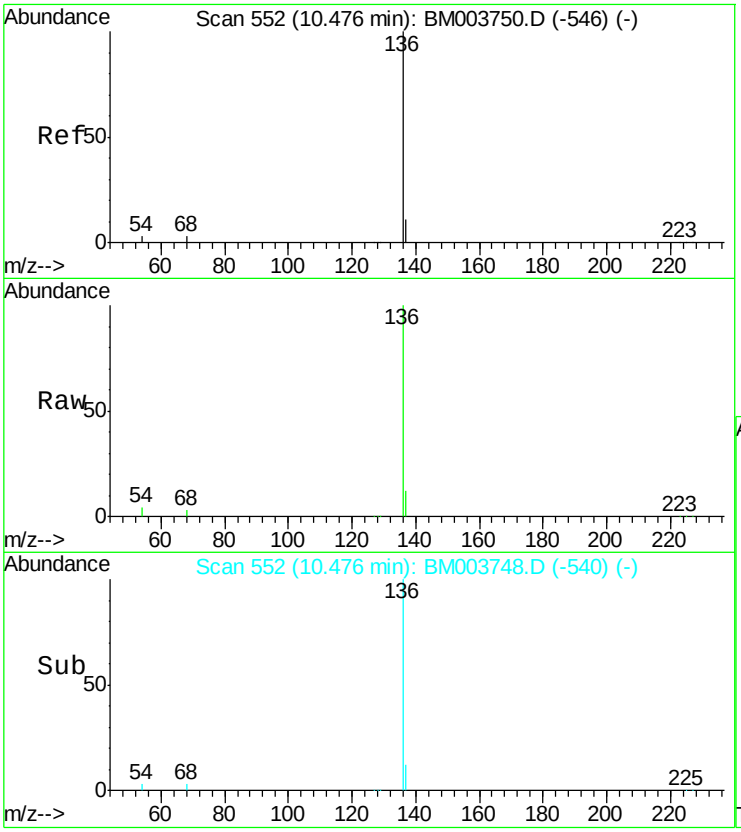


#6
bis(2-Chloroethyl)ether
Concen: 0.51 ng
RT: 7.11 min Scan# 280
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Tgt Ion: 93 Resp: 5453

Ion	Ratio	Lower	Upper
93	100		
63	72.3	58.3	87.5
95	32.4	25.8	38.8



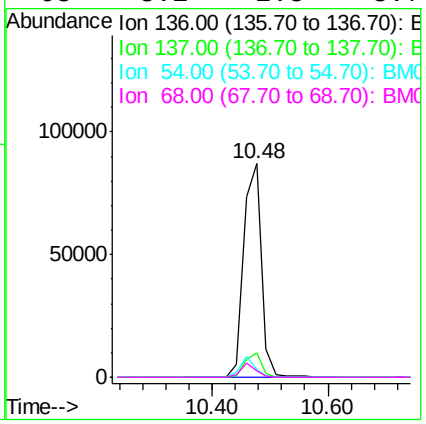


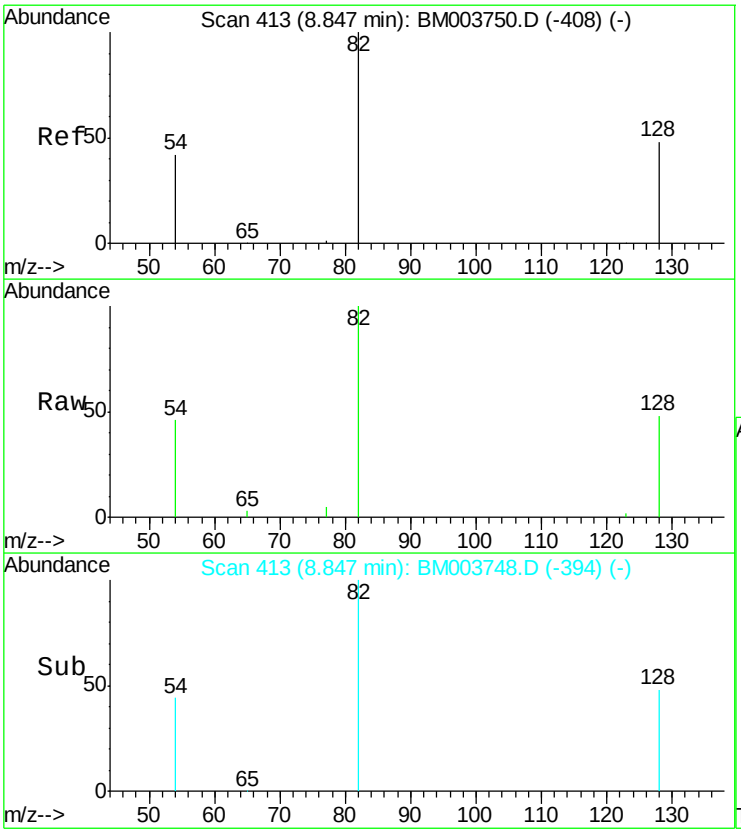
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.48 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 184797

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	3.6	2.8	4.2
68	3.2	2.5	3.7

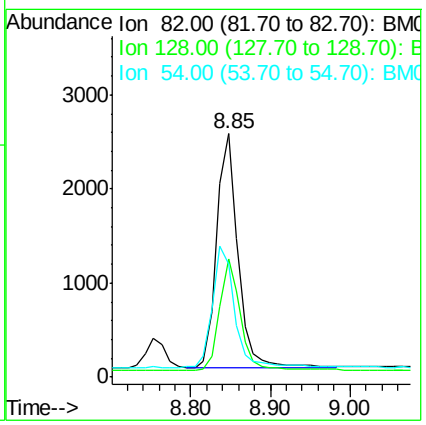


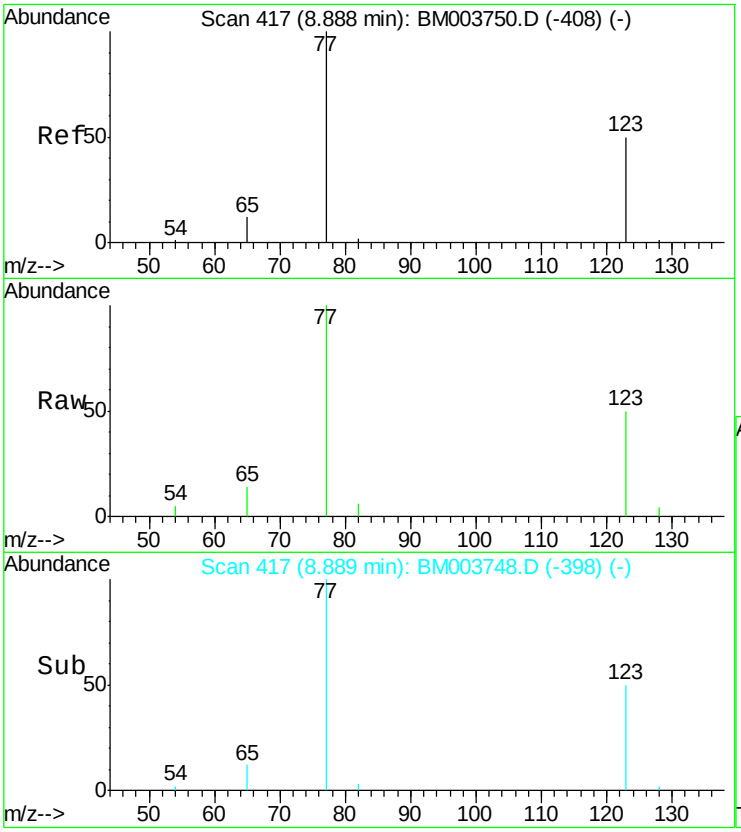


#8
Nitrobenzene-d5
Concen: 0.53 ng
RT: 8.85 min Scan# 413
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Tgt Ion: 82 Resp: 4580

Ion	Ratio	Lower	Upper
82	100		
128	48.5	39.1	58.7
54	46.2	34.8	52.2



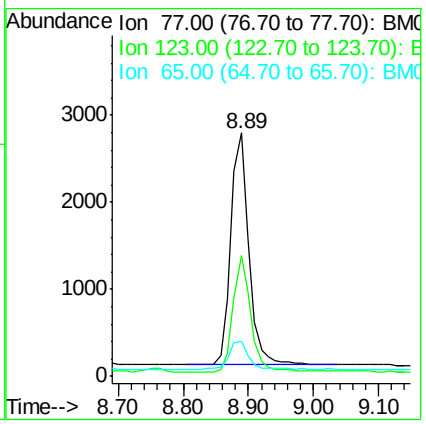


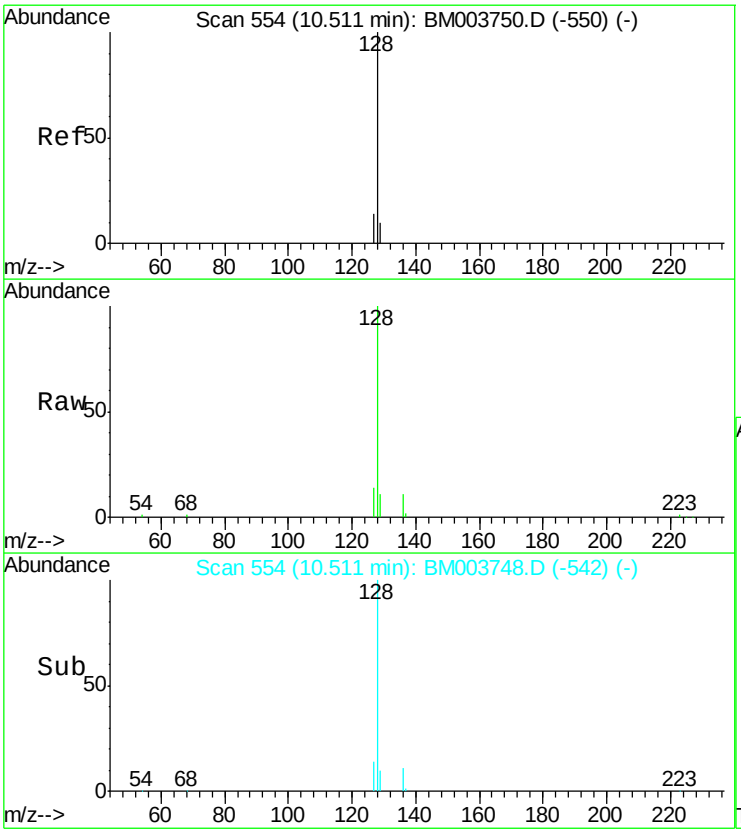
#9
Nitrobenzene
Concen: 0.55 ng
RT: 8.89 min Scan# 417
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 5149

Ion	Ratio	Lower	Upper
77	100		
123	48.5	38.6	57.8
65	12.6	9.9	14.9

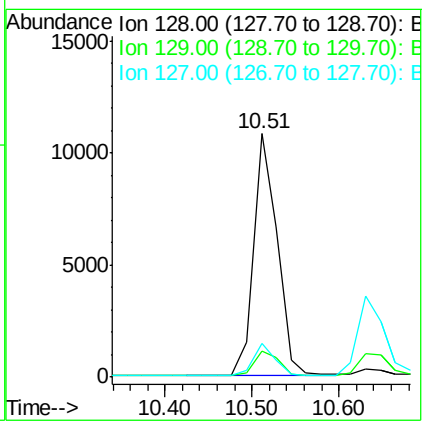


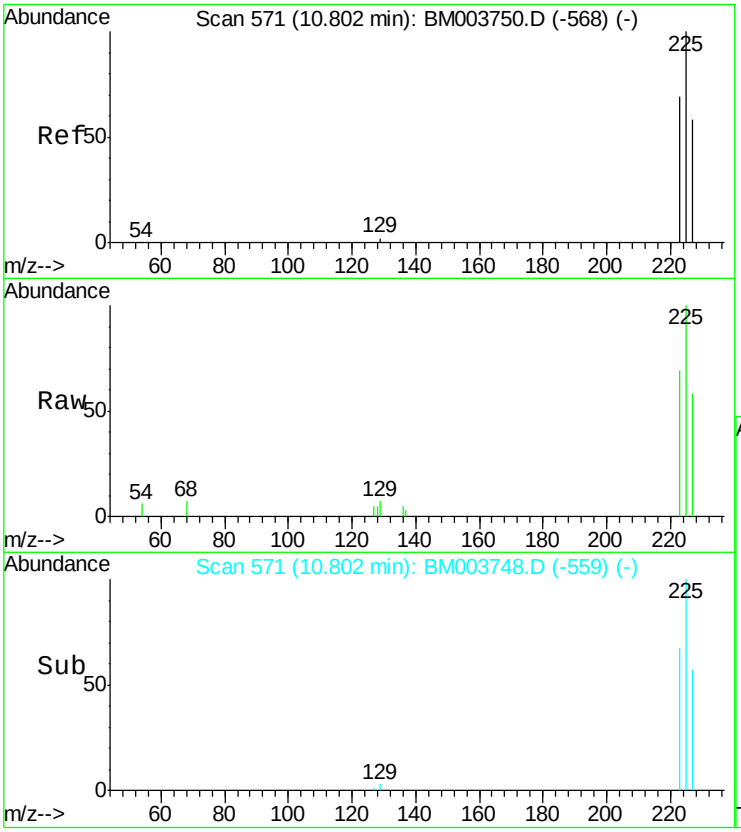


#10
Naphthalene
Concen: 0.51 ng
RT: 10.51 min Scan# 554
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Tgt Ion:128 Resp: 20384

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.5	12.7
127	14.1	11.0	16.4



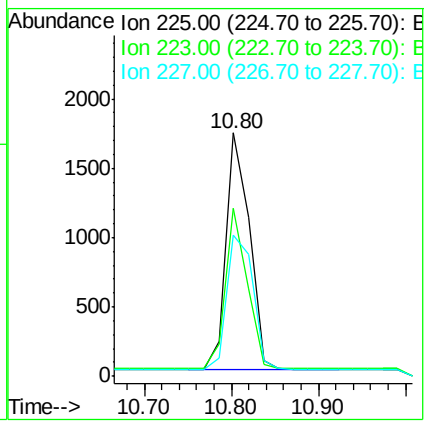


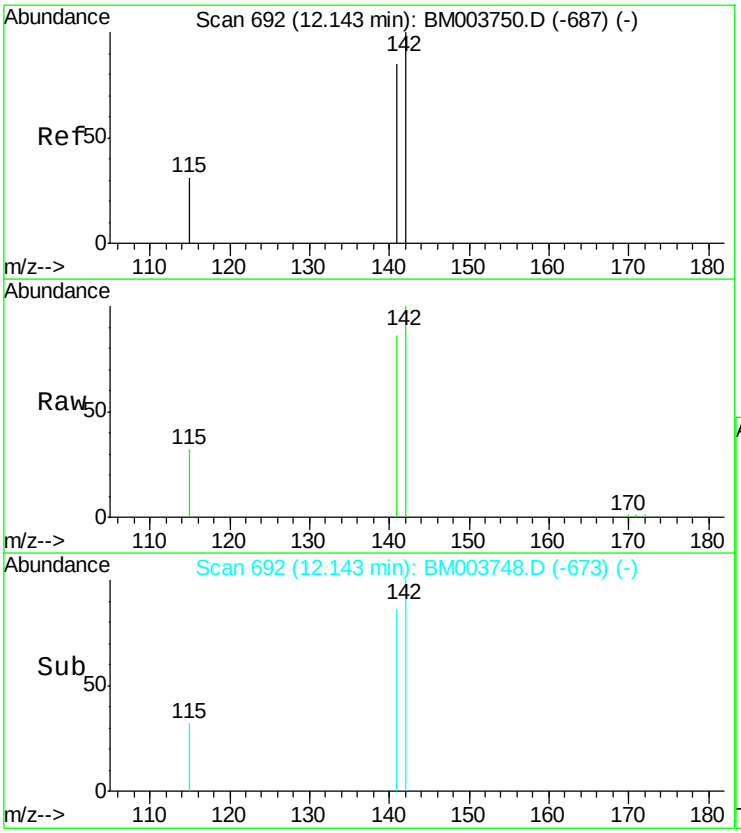
#11
Hexachlorobutadiene
Concen: 0.52 ng
RT: 10.80 min Scan# 571
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:225 Resp: 3180

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.9	76.3
227	63.8	51.2	76.8

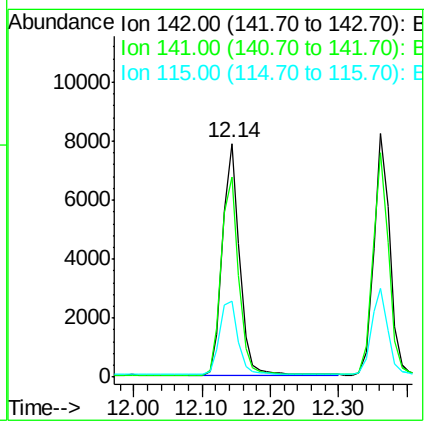


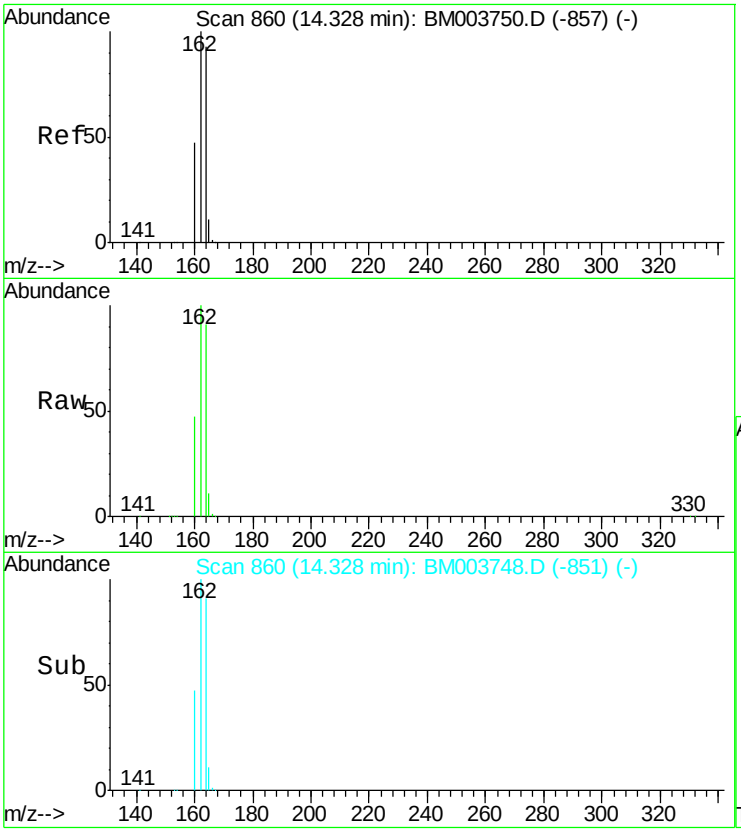


#12
2-Methylnaphthalene
Concen: 0.50 ng
RT: 12.14 min Scan# 692
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Tgt Ion:142 Resp: 13479

Ion	Ratio	Lower	Upper
142	100		
141	85.6	67.8	101.8
115	32.3	25.3	37.9



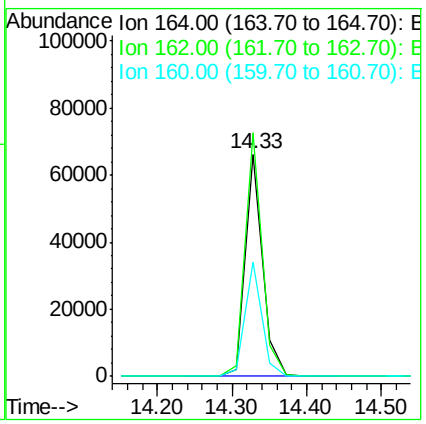


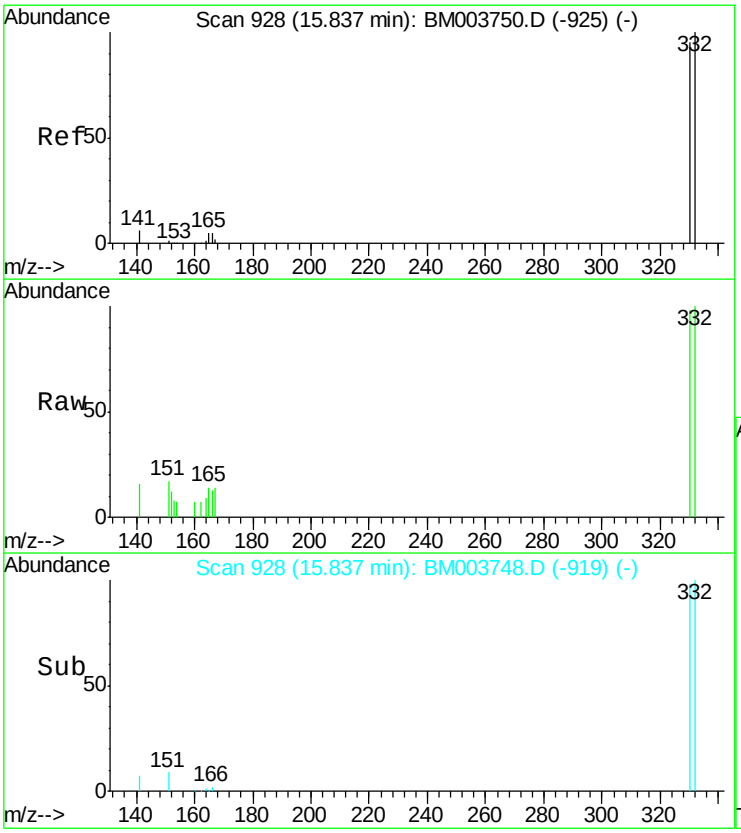
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.33 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 105484

Ion	Ratio	Lower	Upper
164	100		
162	109.4	86.0	129.0
160	51.6	40.3	60.5

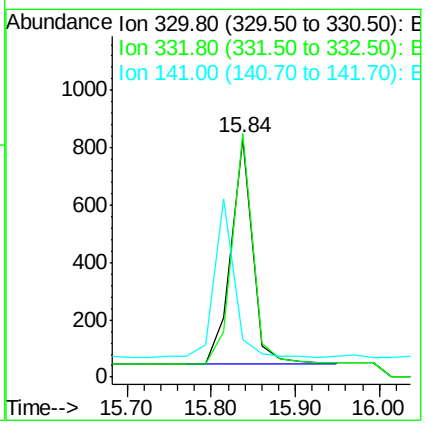


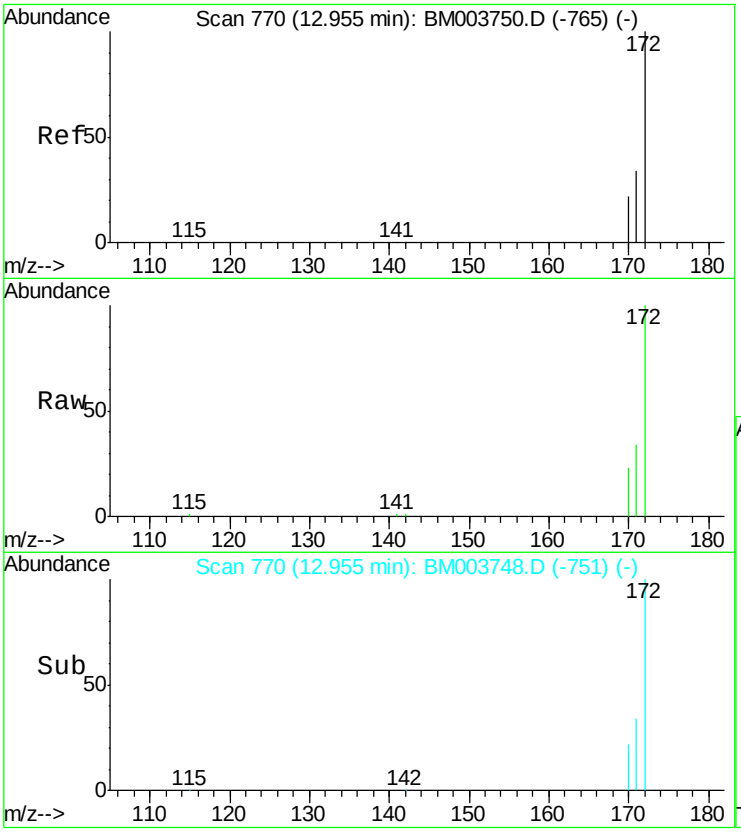


#14
2,4,6-Tribromophenol
Concen: 0.63 ng
RT: 15.84 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Tgt Ion:330 Resp: 1390

Ion	Ratio	Lower	Upper
330	100		
332	98.0	79.0	118.4
141	0.0	0.0	0.0



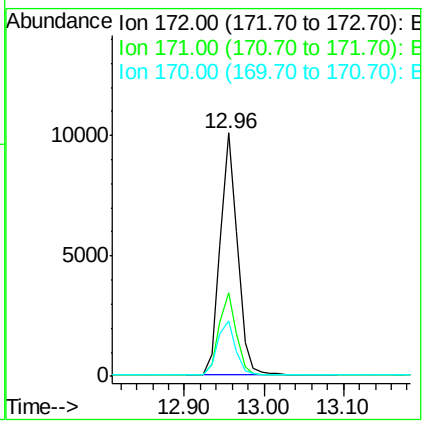


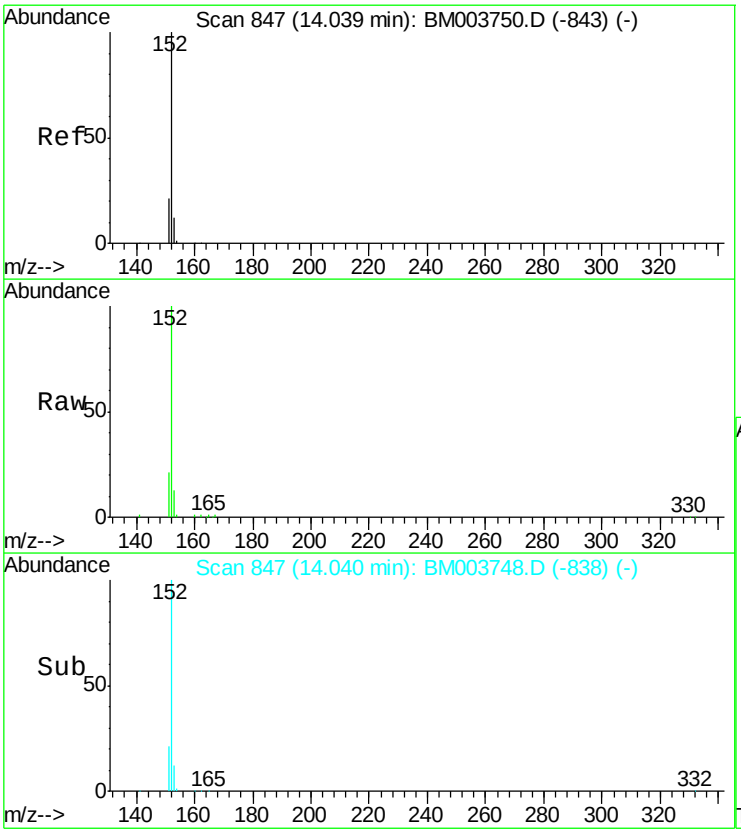
#15
2-Fluorobiphenyl
Concen: 0.48 ng
RT: 12.96 min Scan# 770
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 15249

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.0	40.6
170	22.6	17.9	26.9

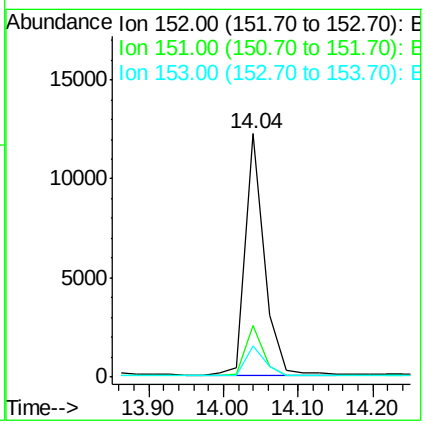


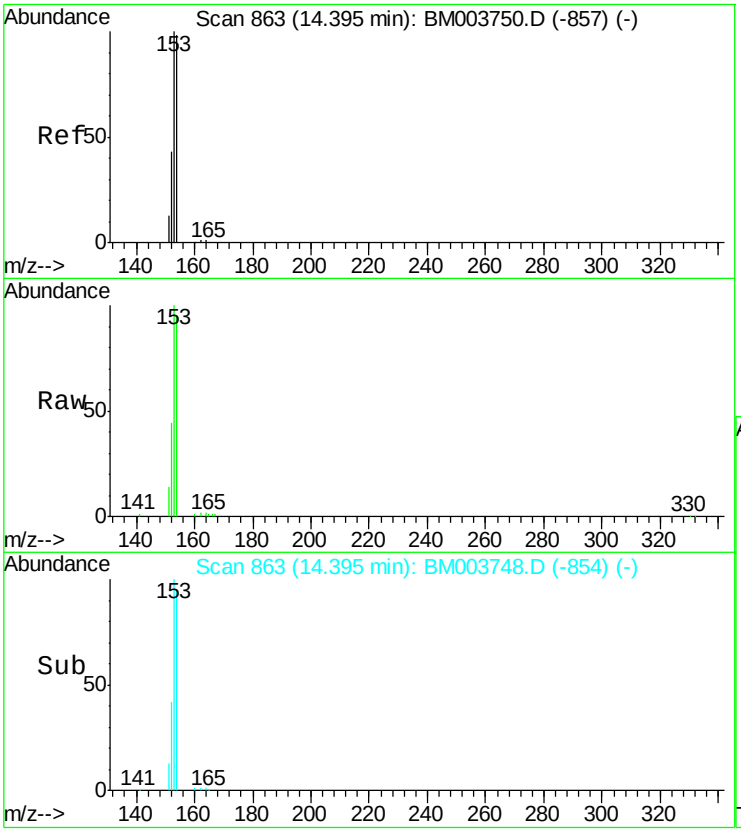


#16
Acenaphthylene
Concen: 0.52 ng
RT: 14.04 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Tgt Ion:152 Resp: 21428

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	12.7	10.2	15.4



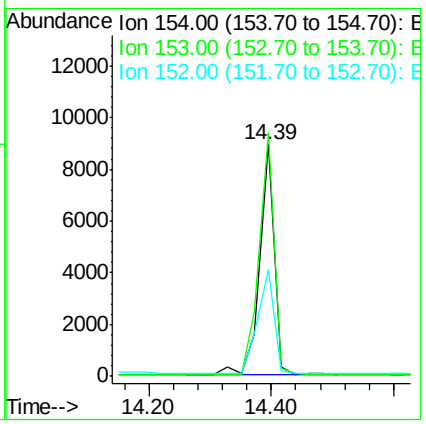


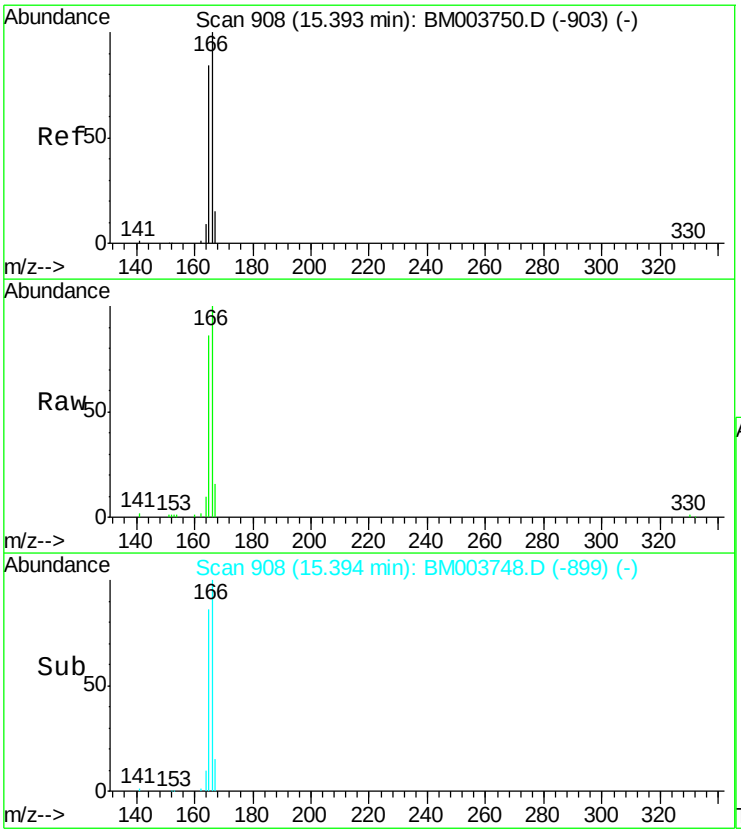
#17
Acenaphthene
Concen: 0.53 ng
RT: 14.39 min Scan# 863
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 14966

Ion	Ratio	Lower	Upper
154	100		
153	107.4	85.4	128.2
152	50.8	40.6	60.8

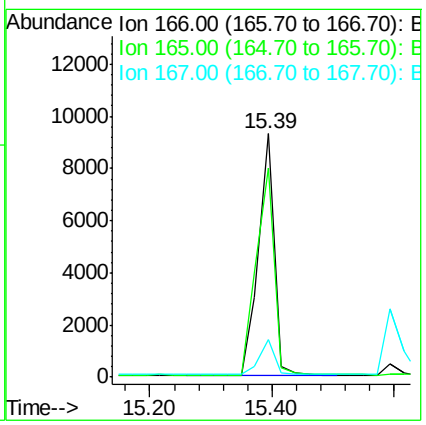


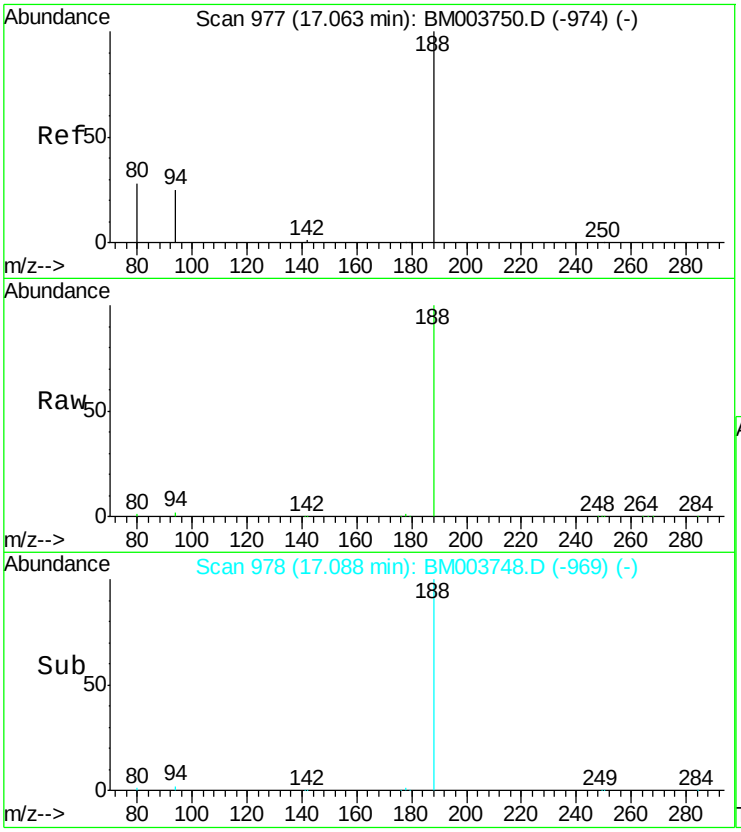


#18
Fluorene
Concen: 0.54 ng
RT: 15.39 min Scan# 908
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Tgt Ion:166 Resp: 17018

Ion	Ratio	Lower	Upper
166	100		
165	96.3	77.2	115.8
167	13.5	11.0	16.6



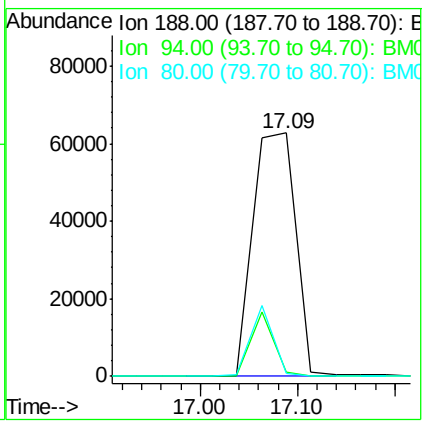


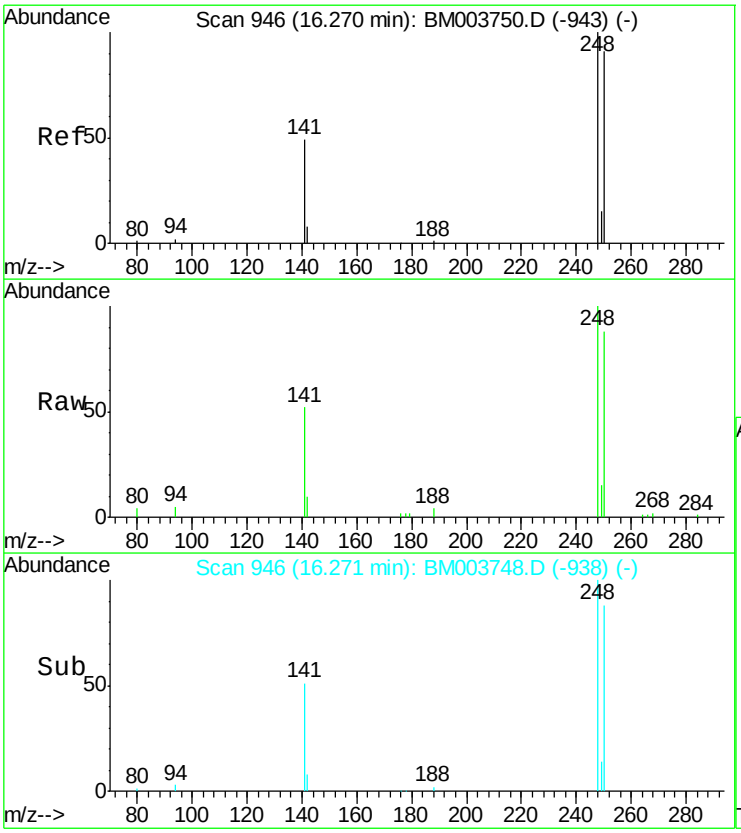
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 978
Delta R.T. 0.03 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 192910

Ion	Ratio	Lower	Upper
188	100		
94	1.7	20.3	30.5#
80	1.4	22.2	33.4#

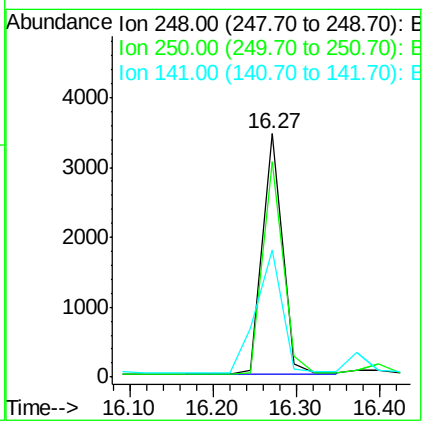


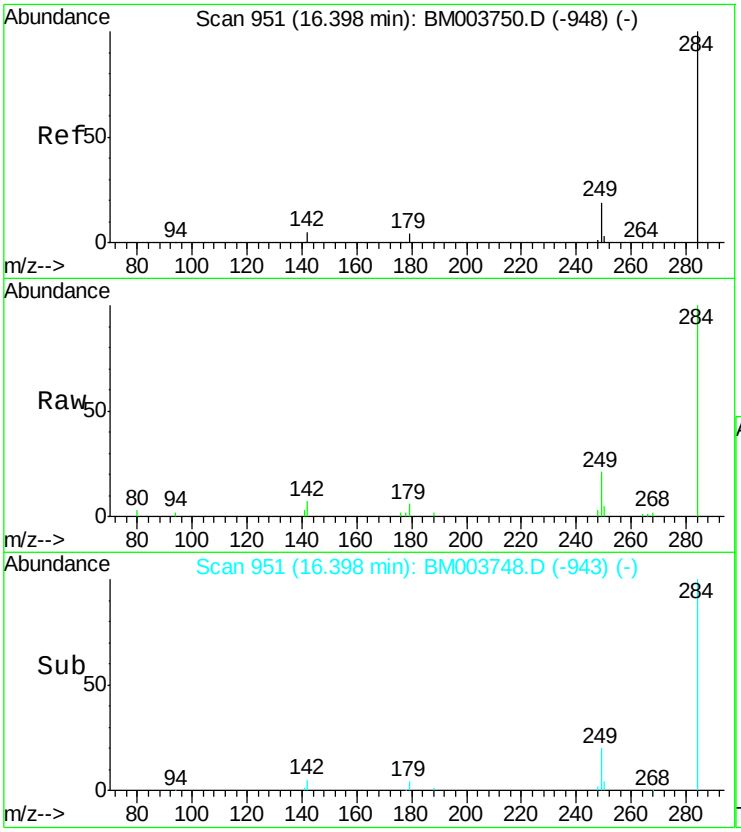


#20
4-Bromophenyl-phenylether
Concen: 0.90 ng
RT: 16.27 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Tgt Ion:248 Resp: 5605

Ion	Ratio	Lower	Upper
248	100		
250	90.9	75.0	112.4
141	67.3	53.0	79.4



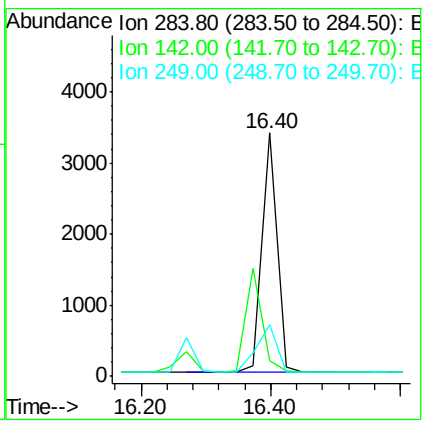


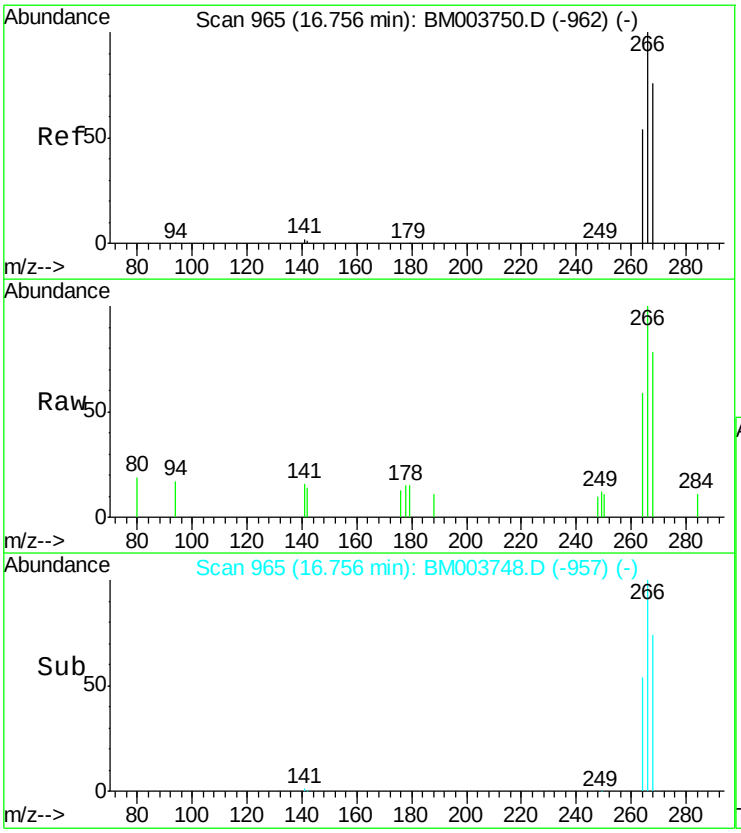
#21
Hexachlorobenzene
Concen: 0.76 ng
RT: 16.40 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 5461

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	26.8	21.5	32.3

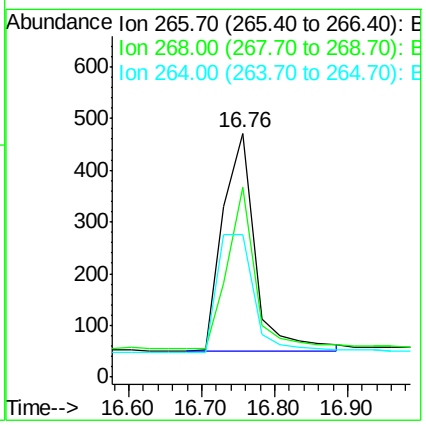


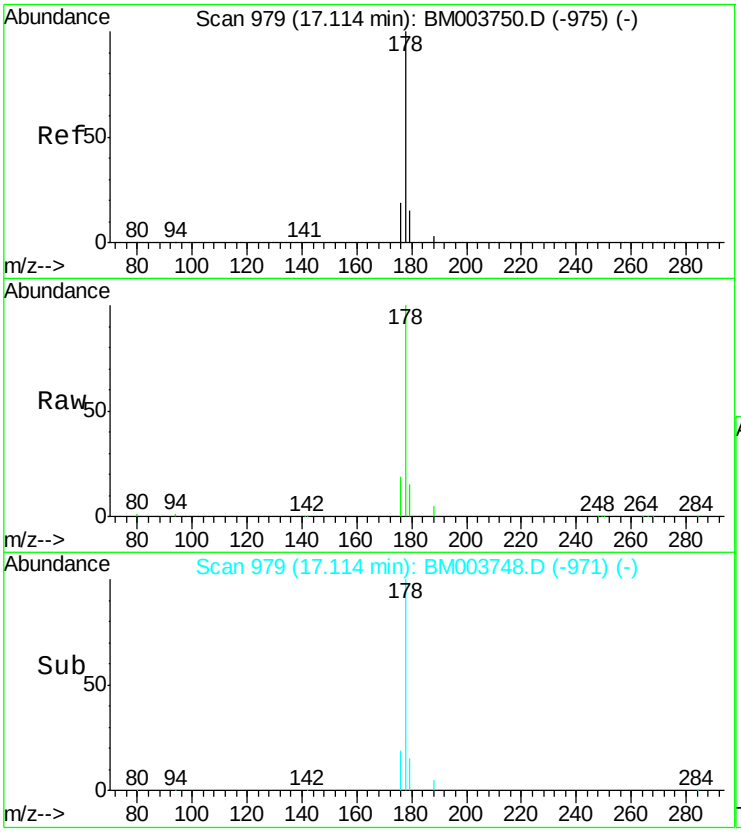


#22
Pentachlorophenol
Concen: 0.60 ng
RT: 16.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Tgt Ion:266 Resp: 1279

Ion	Ratio	Lower	Upper
266	100		
268	77.7	62.7	94.1
264	58.6	45.7	68.5



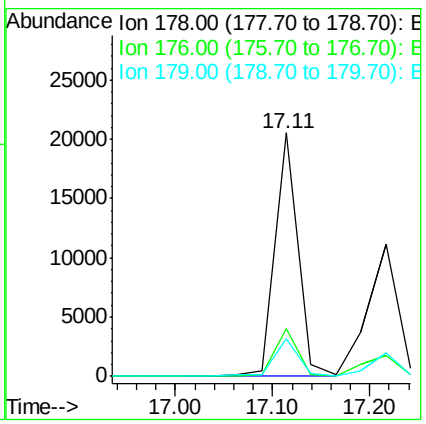


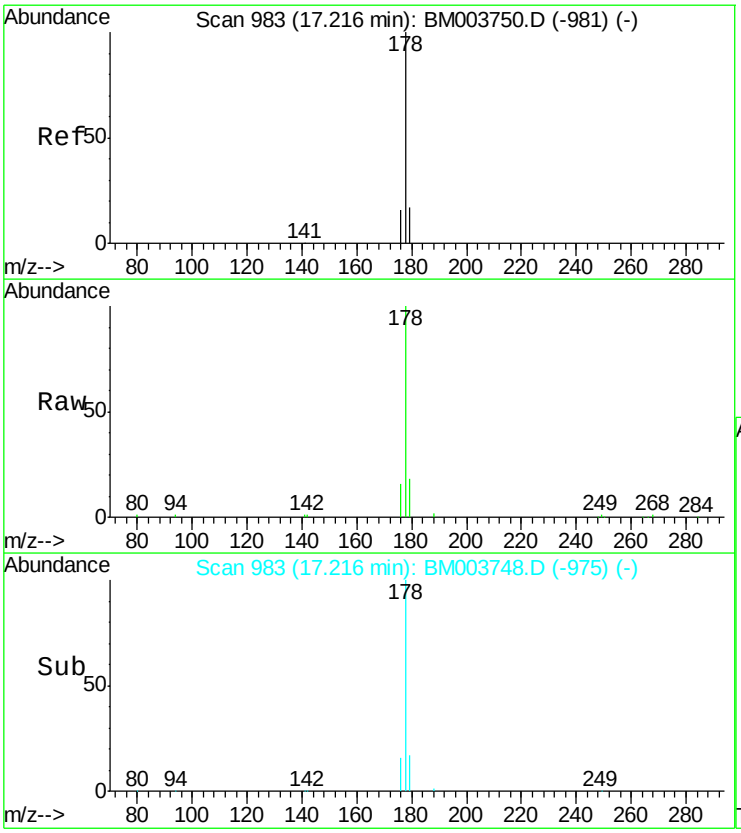
#23
Phenanthrene
Concen: 0.83 ng
RT: 17.11 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 33602

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.6	12.2	18.4

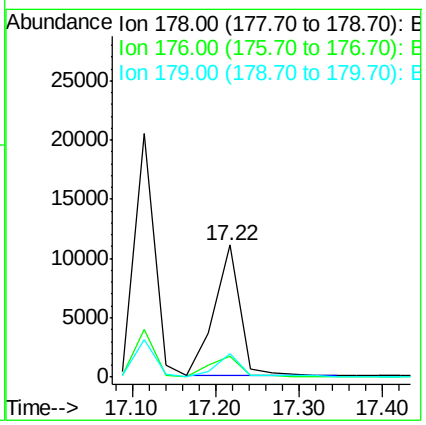


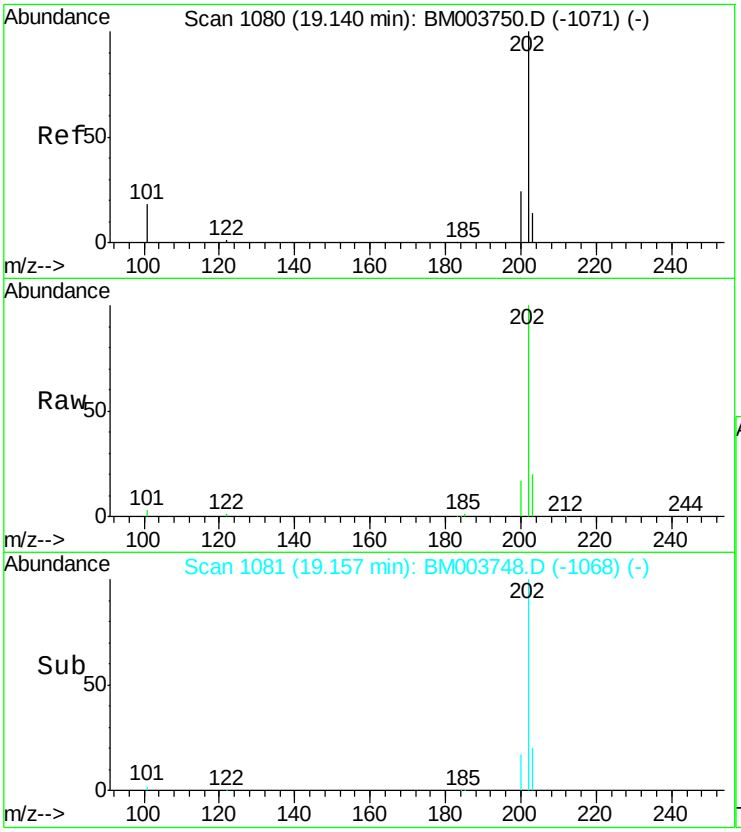


#24
Anthracene
Concen: 0.59 ng
RT: 17.22 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Tgt Ion:178 Resp: 23506

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.8	12.6	19.0



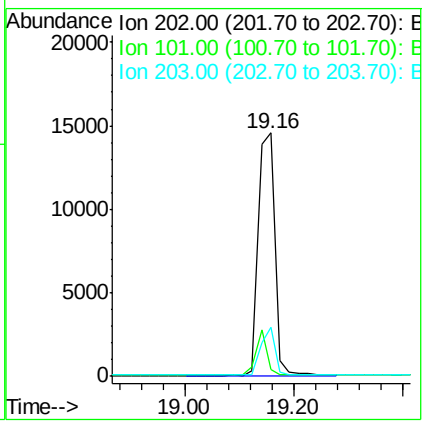


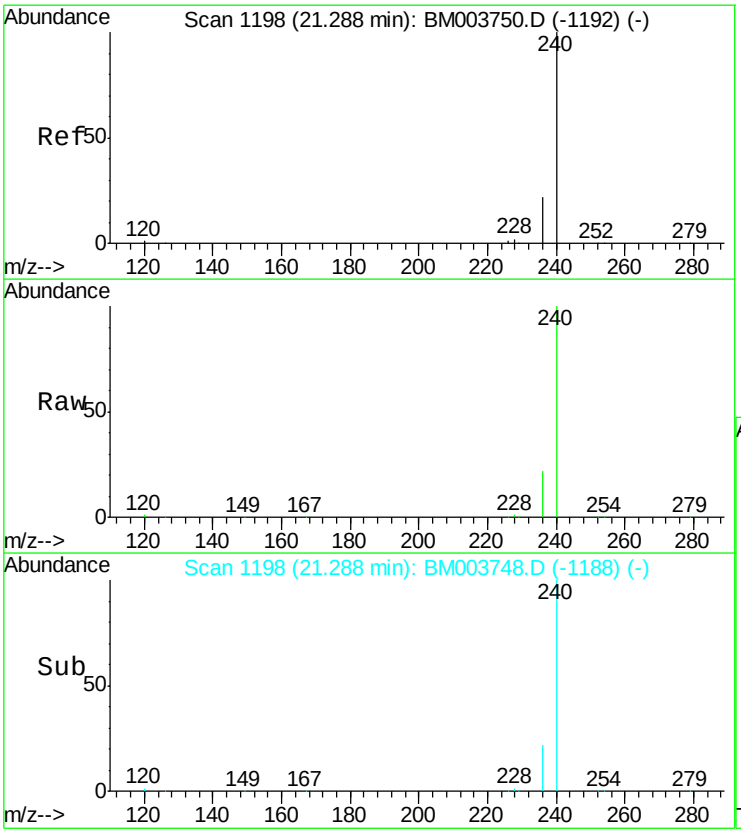
#25
Fluoranthene
Concen: 0.77 ng
RT: 19.16 min Scan# 1081
Delta R.T. 0.02 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 31028

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.7	14.5
203	17.2	13.8	20.8

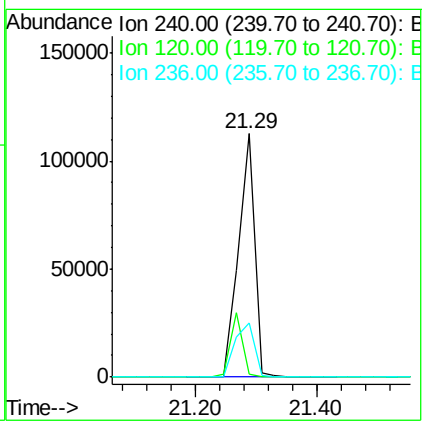


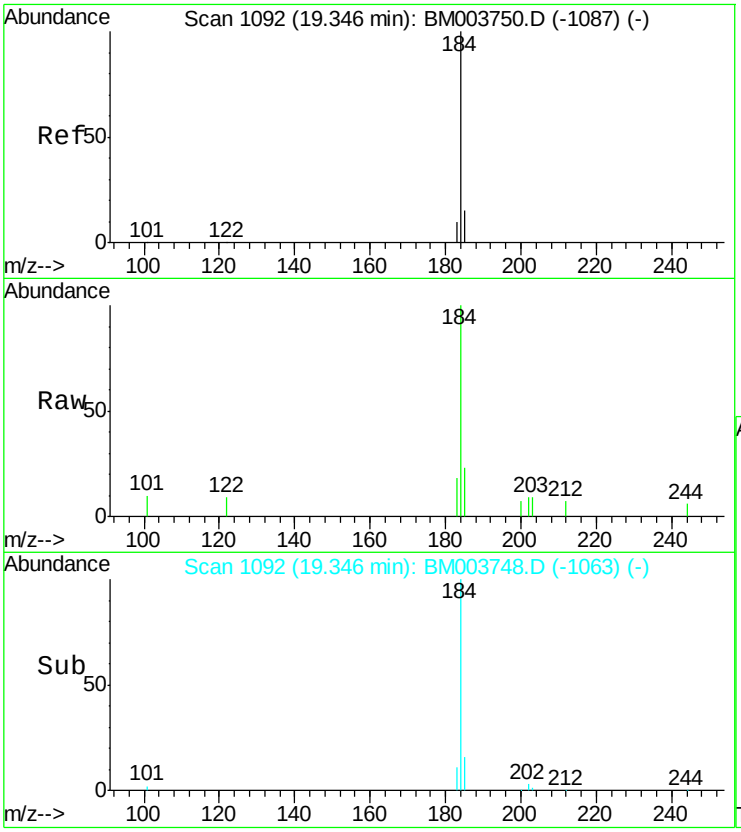


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Tgt Ion:240 Resp: 203273

Ion	Ratio	Lower	Upper
240	100		
120	1.2	0.9	1.3
236	22.3	17.3	25.9



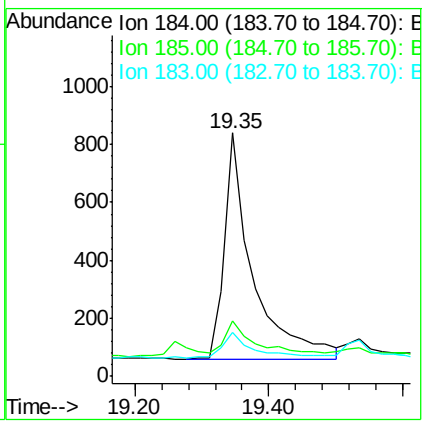


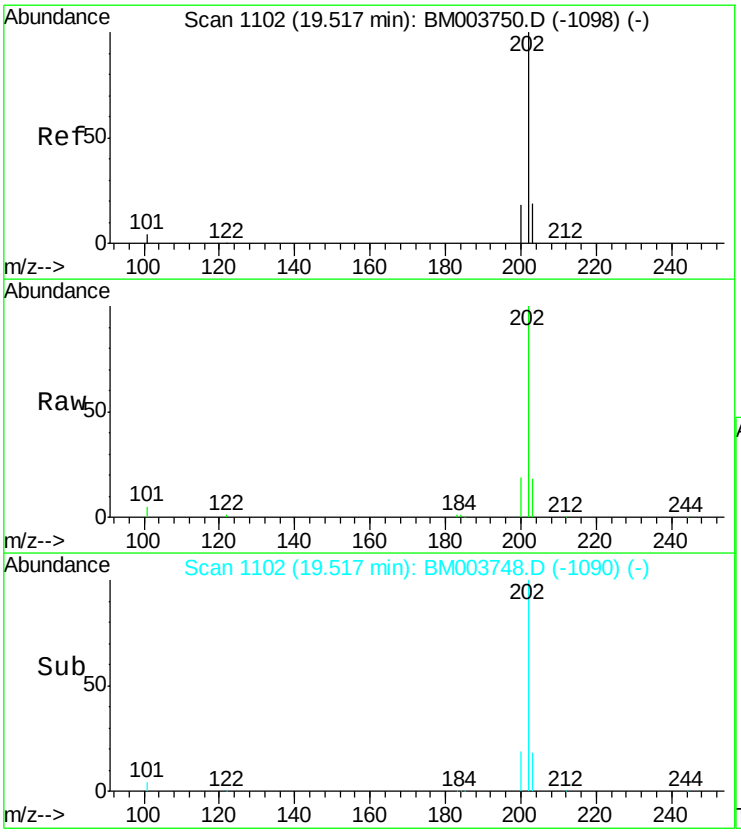
#27
Benzidine
Concen: 0.14 ng
RT: 19.35 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 2291

Ion	Ratio	Lower	Upper
184	100		
185	23.0	13.2	19.8#
183	18.0	9.0	13.6#

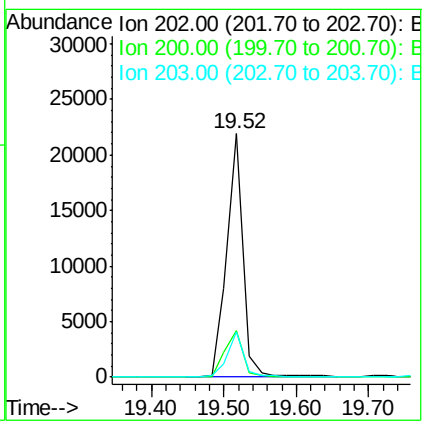


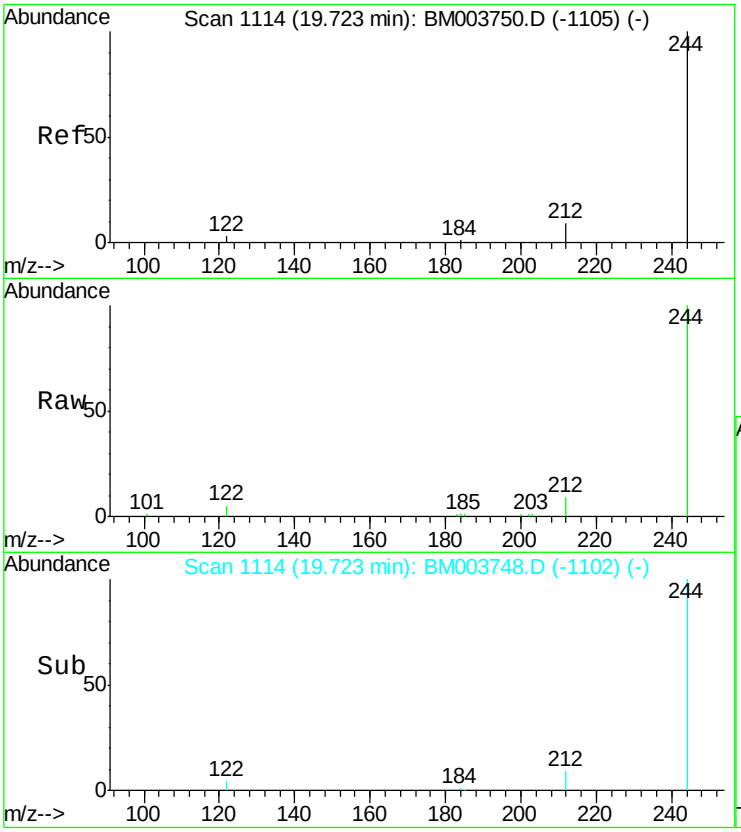


#28
Pyrene
Concen: 0.45 ng
RT: 19.52 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Tgt Ion:202 Resp: 33267

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.4	14.0	21.0



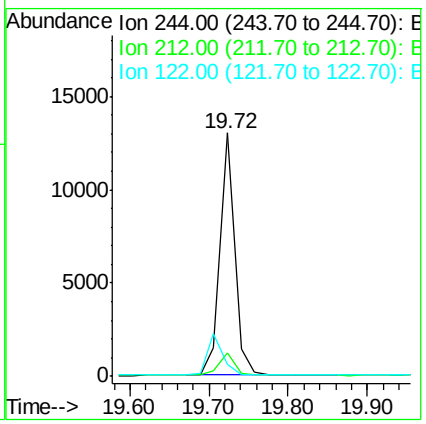


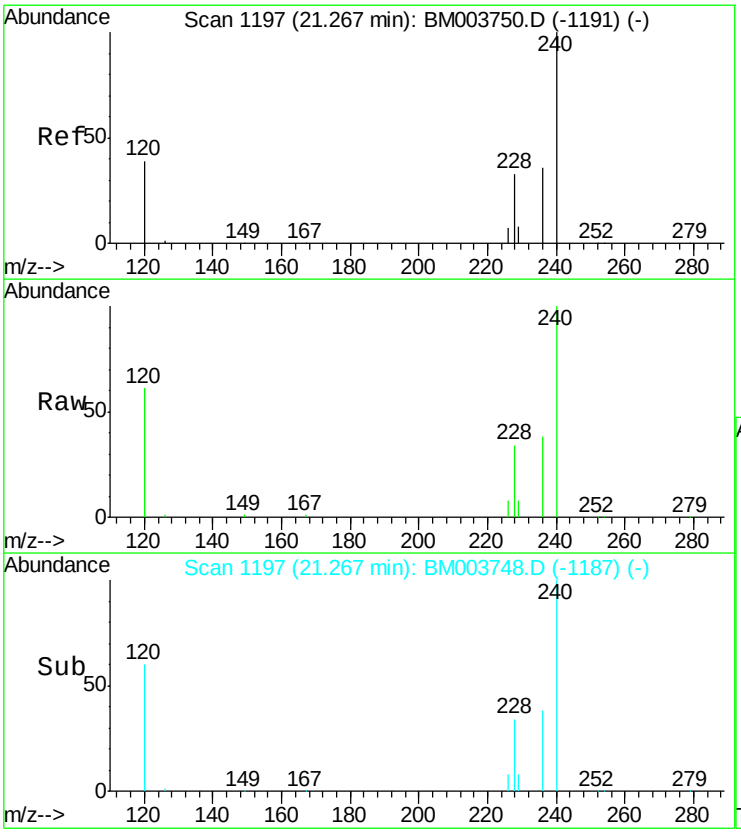
#29
Terphenyl-d14
Concen: 0.50 ng
RT: 19.72 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 16653

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.0	10.6
122	4.9	3.0	4.6#

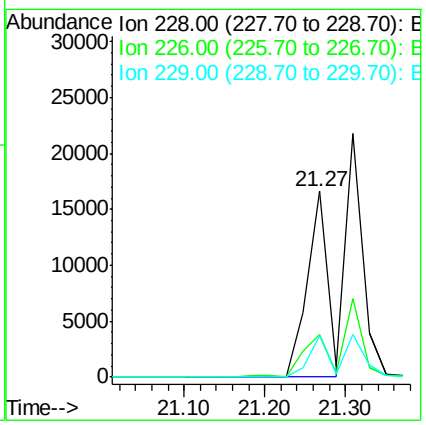


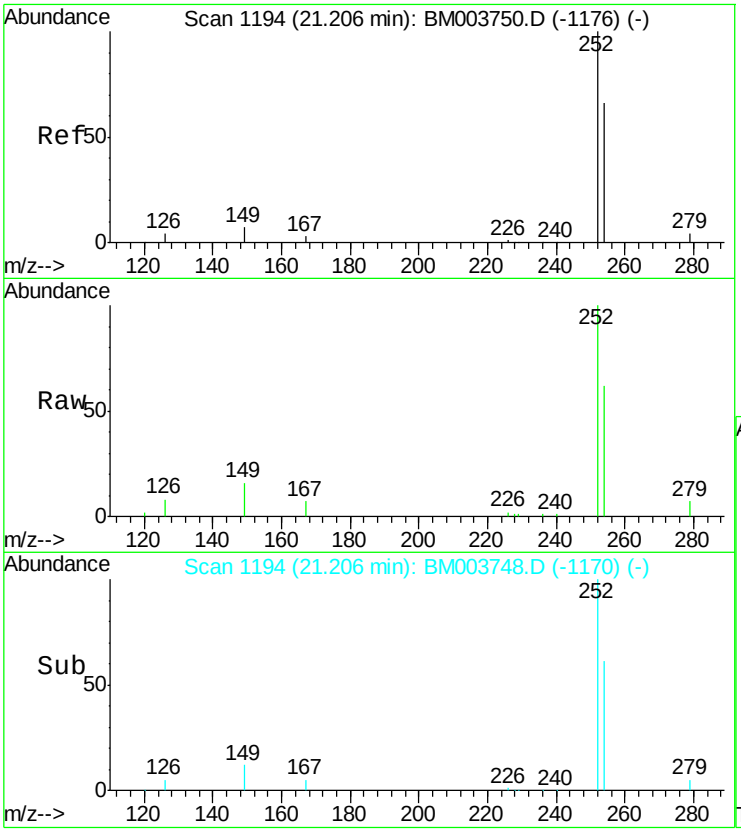


#30
Benzo(a)anthracene
Concen: 0.52 ng
RT: 21.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Tgt Ion:228 Resp: 28580

Ion	Ratio	Lower	Upper
228	100		
226	22.9	17.2	25.8
229	22.6	18.7	28.1



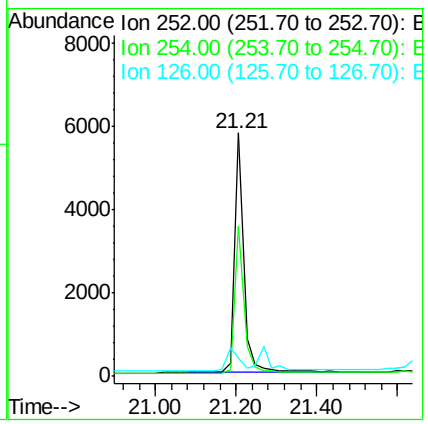


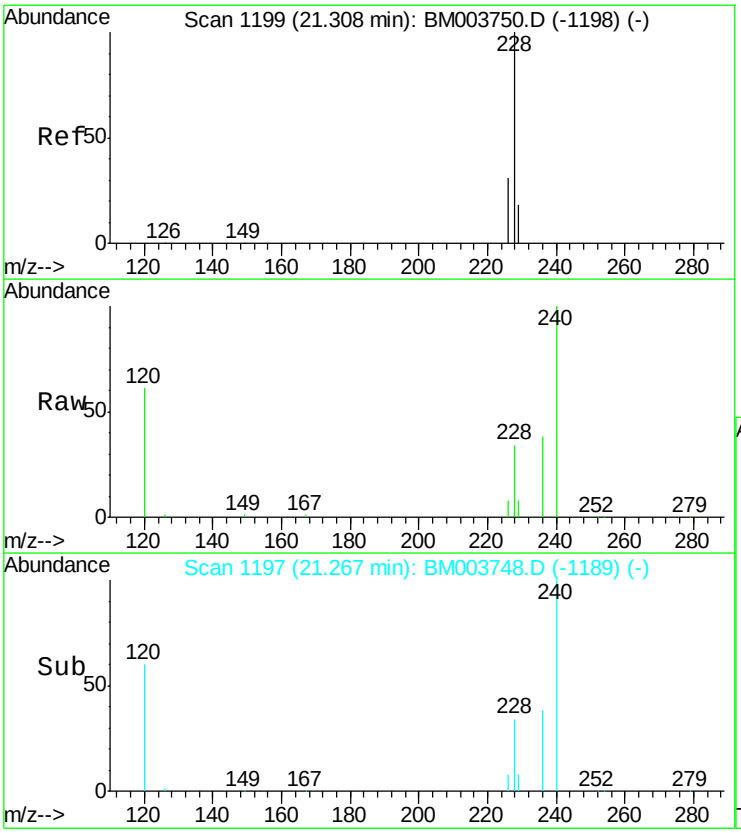
#31
3,3'-Dichlorobenzidine
Concen: 0.64 ng
RT: 21.21 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 9196

Ion	Ratio	Lower	Upper
252	100		
254	61.5	52.6	79.0
126	7.6	3.7	5.5#

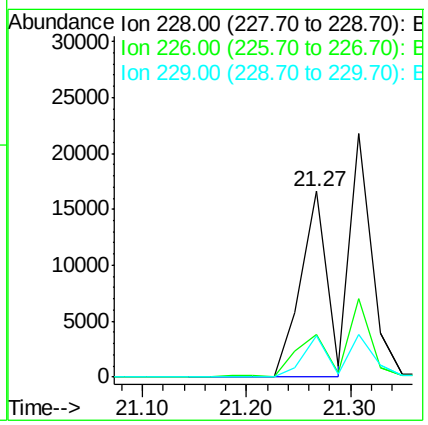


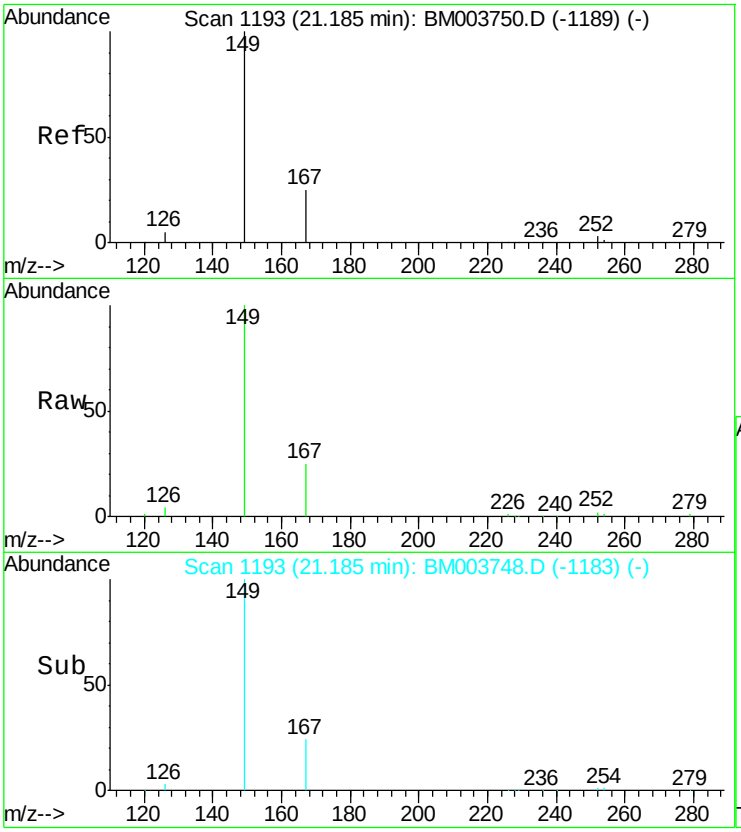


#32
Chrysene
Concen: 0.45 ng
RT: 21.27 min Scan# 1197
Delta R.T. -0.04 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Tgt Ion:228 Resp: 28560

Ion	Ratio	Lower	Upper
228	100		
226	22.9	25.3	37.9#
229	22.6	14.5	21.7#



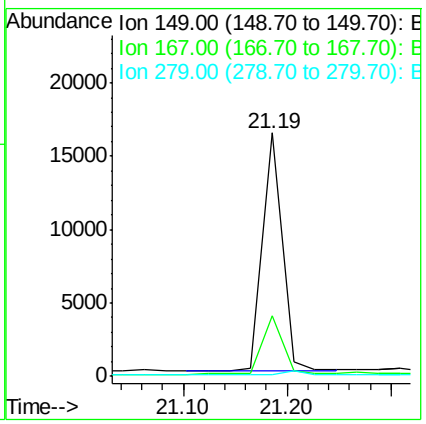


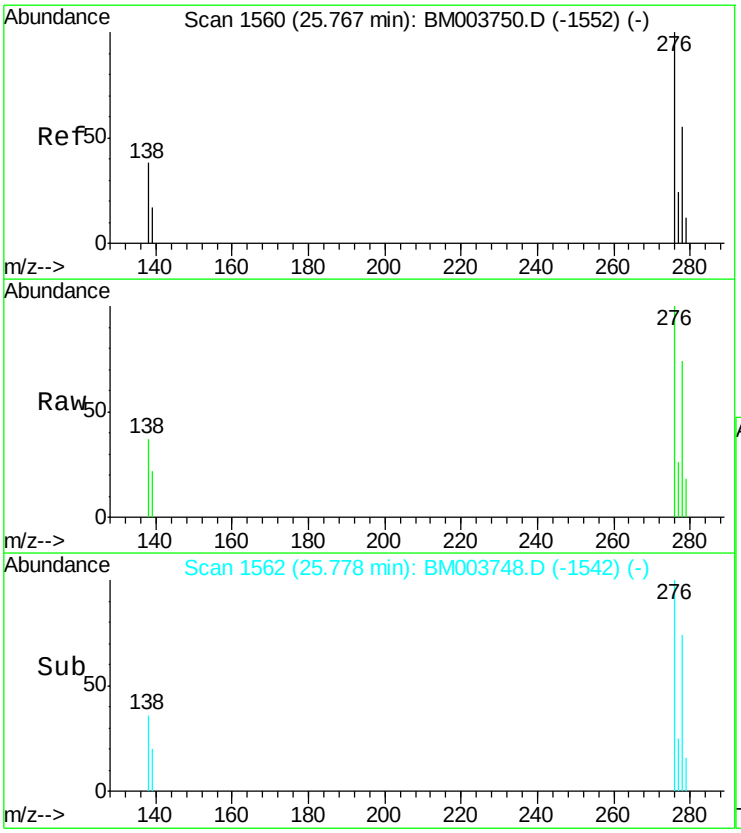
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.75 ng
RT: 21.19 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 21149

Ion	Ratio	Lower	Upper
149	100		
167	25.3	20.1	30.1
279	0.0	0.0	0.0

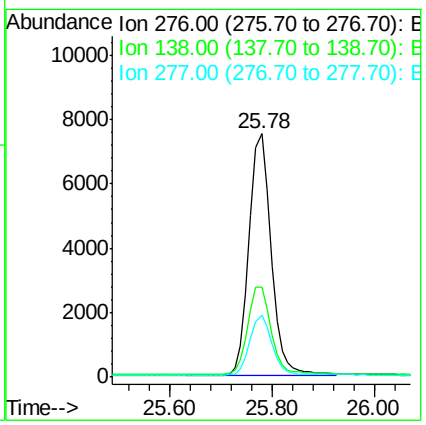


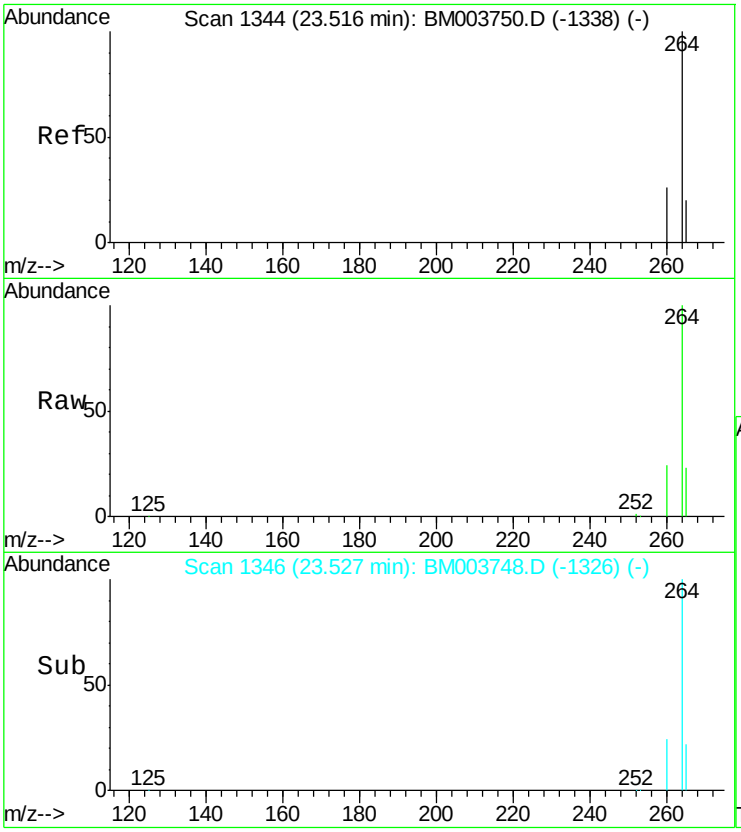


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.47 ng
RT: 25.78 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Tgt Ion:276 Resp: 22637

Ion	Ratio	Lower	Upper
276	100		
138	37.3	30.2	45.2
277	24.7	19.8	29.8



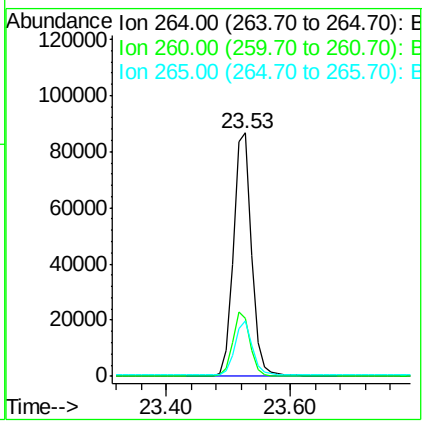


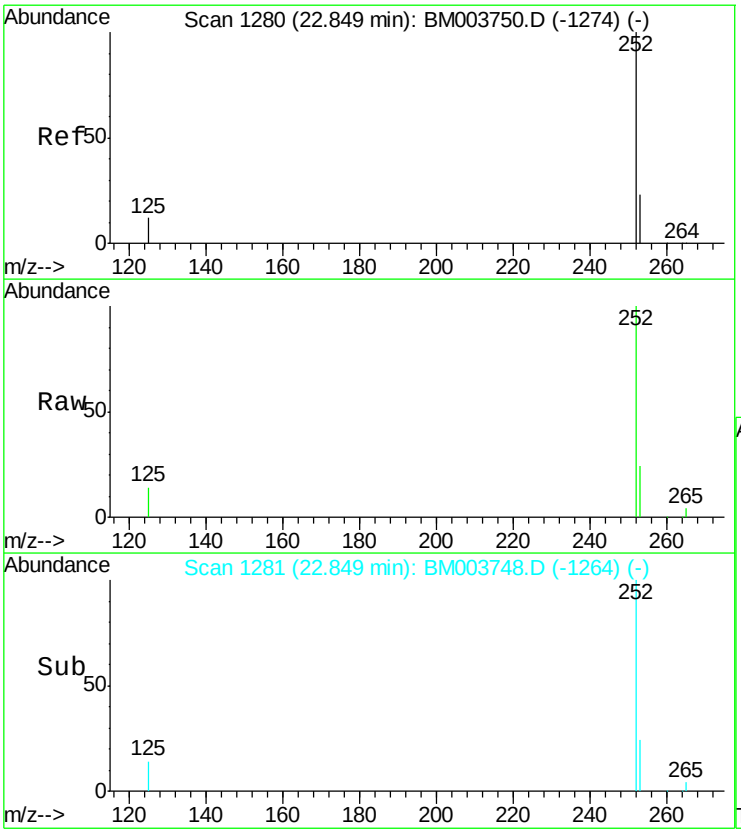
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.53 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 176917

Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.2	31.8
265	22.6	16.7	25.1

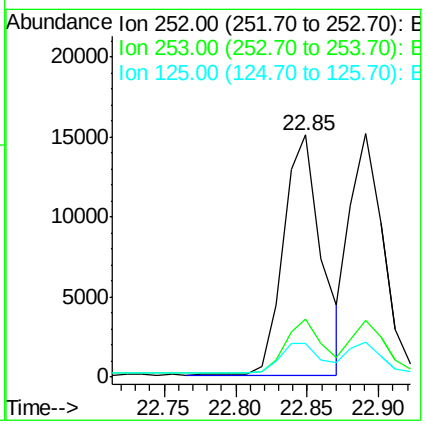


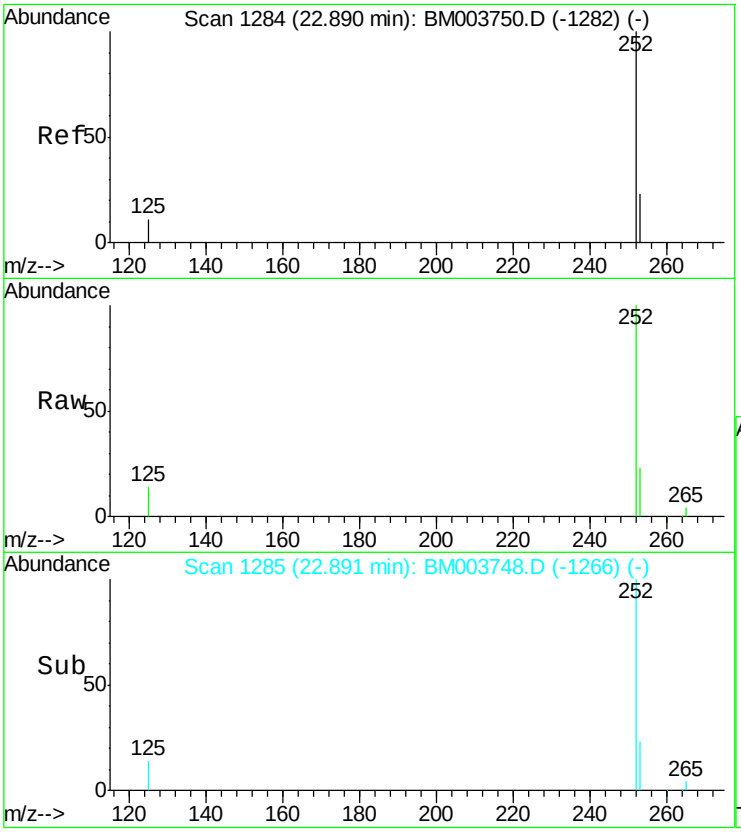


#36
Benzo(b)fluoranthene
Concen: 0.51 ng
RT: 22.85 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Tgt Ion:252 Resp: 27755

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.8	28.2
125	13.7	10.2	15.4



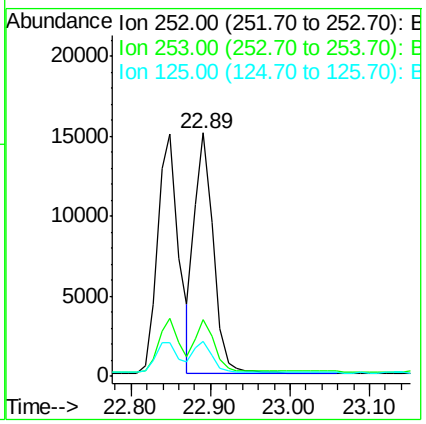


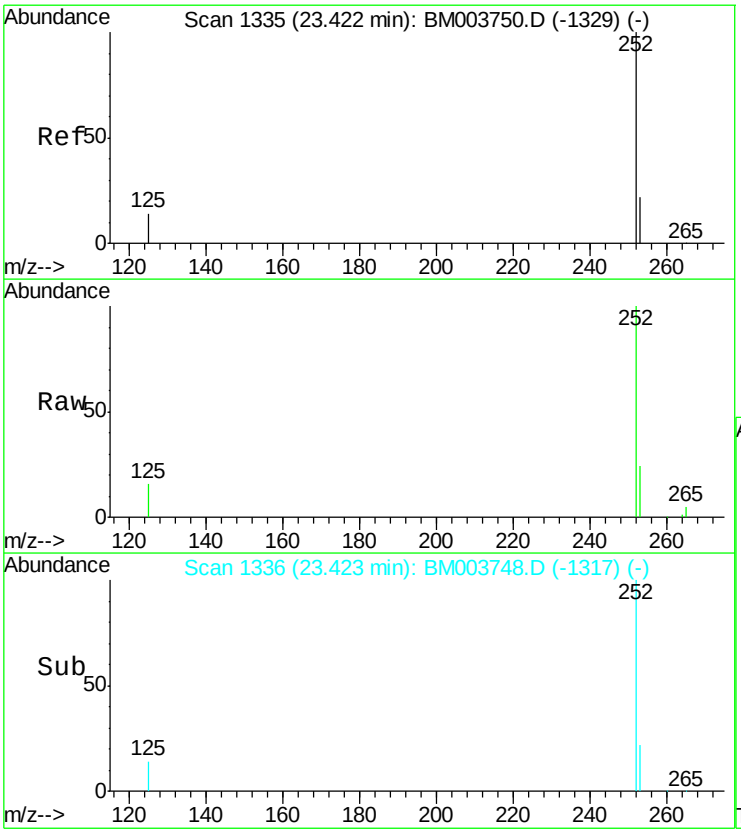
#37
Benzo(k)fluoranthene
Concen: 0.52 ng
RT: 22.89 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 24794

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.3	27.5
125	14.3	10.6	15.8

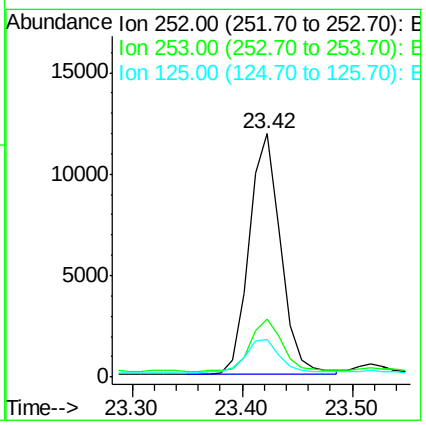


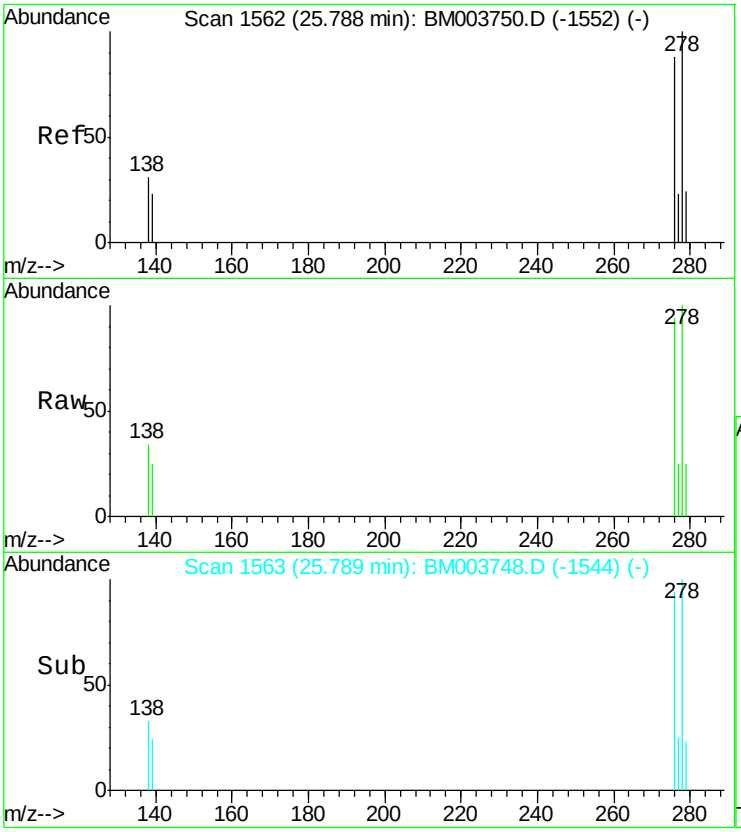


#38
Benzo(a)pyrene
Concen: 0.53 ng
RT: 23.42 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Tgt Ion:252 Resp: 23377

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.7	28.1
125	15.7	11.8	17.8



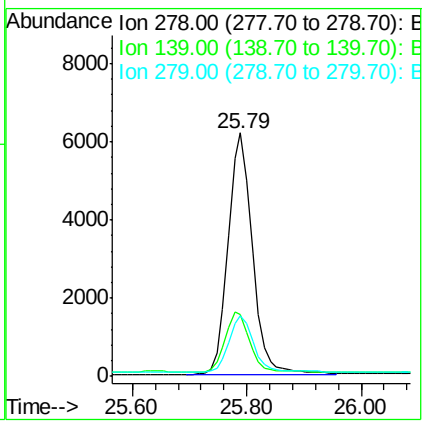


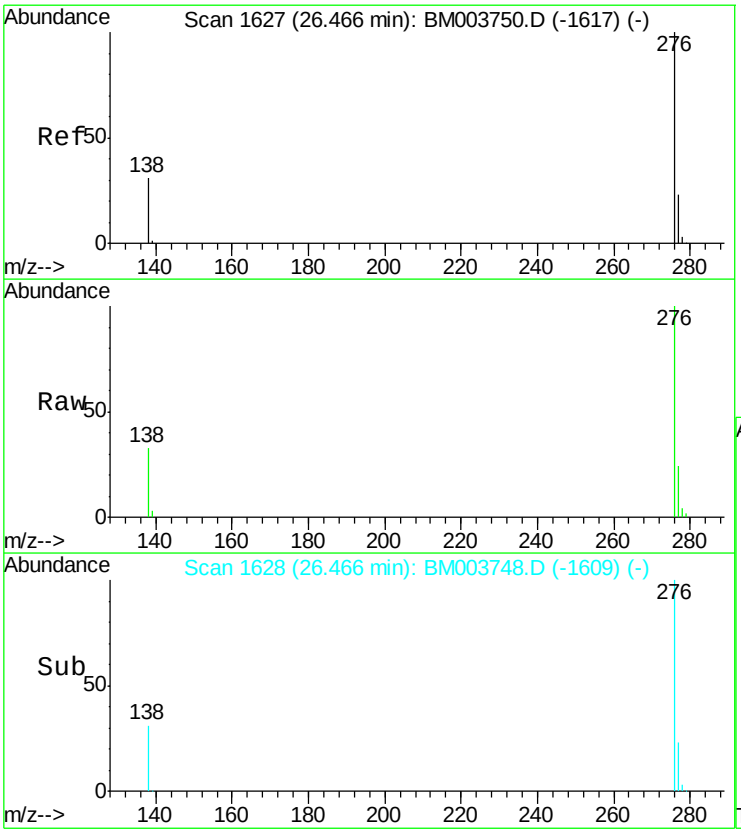
#39
Dibenzo(a,h)anthracene
Concen: 0.45 ng
RT: 25.79 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 18133

Ion	Ratio	Lower	Upper
278	100		
139	25.2	19.0	28.6
279	25.0	19.6	29.4





#40
Benzo(g,h,i)perylene
Concen: 0.45 ng
RT: 26.47 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Tgt Ion:276 Resp: 19184

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.1	28.7
138	32.6	25.0	37.4