Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003750.D
Acq On : 23 Dec 2015 20:45
Operator : UM/SJ
Sample : SSTDICCC001
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 24 01:27:26 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	49126	5.00	ng		0.00
7) Naphthalene-d8	10.48	136	203158	5.00	ng		0.00
13) Acenaphthene-d10	14.33	164	114467	5.00	ng		0.00
19) Phenanthrene-d10	17.06	188	204194	5.00	ng		0.00
26) Chrysene-d12	21.29	240	190764	5.00	ng		0.00
35) Perylene-d12	23.52	264	155934	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	9908	1.00	ng		0.00
5) Phenol-d6	6.87	99	11818	0.98	ng		0.00
8) Nitrobenzene-d5	8.85	82	9060	0.95	ng		0.00
14) 2,4,6-Tribromophenol	15.84	330	2548	1.07	ng		0.00
15) 2-Fluorobiphenyl	12.95	172	30744	0.89	ng		0.00
29) Terphenyl-d14	19.72	244	29646	0.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	4283	0.96	ng		99
3) n-Nitrosodimethylamine	3.49	42	4526	0.99	ng		99
6) bis(2-Chloroethyl)ether	7.11	93	10927	0.94	ng		100
9) Nitrobenzene	8.89	77	10348	1.00	ng		100
10) Naphthalene	10.51	128	41011	0.94	ng		100
11) Hexachlorobutadiene	10.80	225	6364	0.95	ng		100
12) 2-Methylnaphthalene	12.14	142	27065	0.91	ng		100
16) Acenaphthylene	14.04	152	43080	0.95	ng		100
17) Acenaphthene	14.39	154	29582	0.97	ng		100
18) Fluorene	15.39	166	33554	0.98	ng		100
20) 4-Bromophenyl-phenylether	16.27	248	11081	1.67	ng		100
21) Hexachlorobenzene	16.40	284	10478	1.38	ng	#	100
22) Pentachlorophenol	16.76	266	2081	0.93	ng		100
23) Phenanthrene	17.11	178	64626	1.50	ng		100
24) Anthracene	17.22	178	44295	1.06	ng		100
25) Fluoranthene	19.14	202	57064	1.33	ng		100
27) Benzidine	19.35	184	11448	0.75	ng		100
28) Pyrene	19.52	202	59964	0.87	ng		100
30) Benzo(a)anthracene	21.27	228	47798	0.93	ng		100
31) 3,3'-Dichlorobenzidine	21.21	252	14735	1.09	ng		100
32) Chrysene	21.27	228	47798	0.80	ng	#	84
33) Bis(2-ethylhexyl)phthalate	21.19	149	30313	1.14	ng	#	100
34) Indeno(1,2,3-cd)pyrene	25.77	276	37298	0.83	ng		100
36) Benzo(b)fluoranthene	22.85	252	45896	0.97	ng		100
37) Benzo(k)fluoranthene	22.89	252	39121	0.92	ng		100
38) Benzo(a)pyrene	23.42	252	37028	0.95	ng		100
39) Dibenzo(a,h)anthracene	25.79	278	30078	0.84	ng		100
40) Benzo(g,h,i)perylene	26.47	276	31801	0.84	ng		100

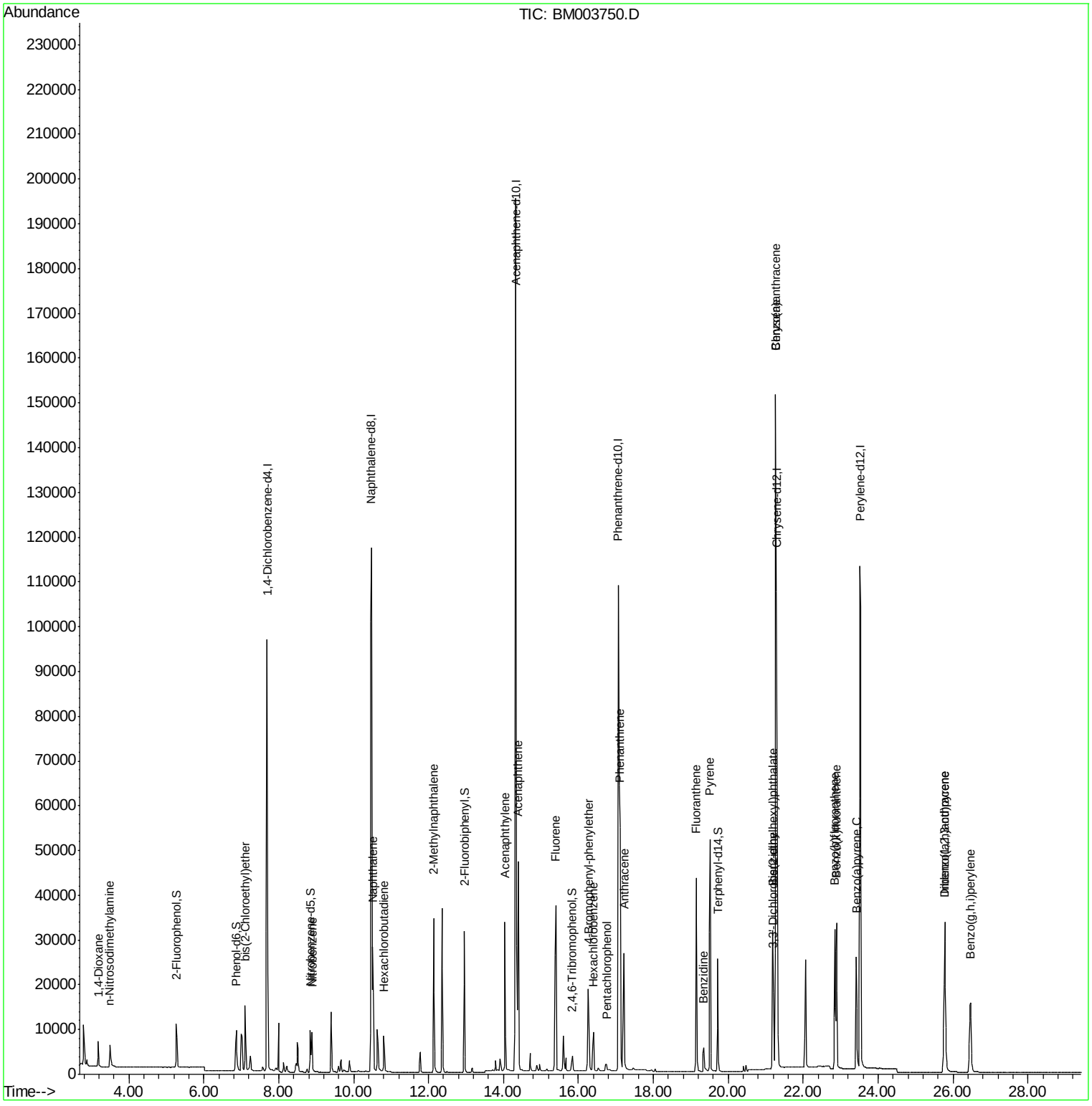
(#) = qualifier out of range (m) = manual integration (+) = signals summed

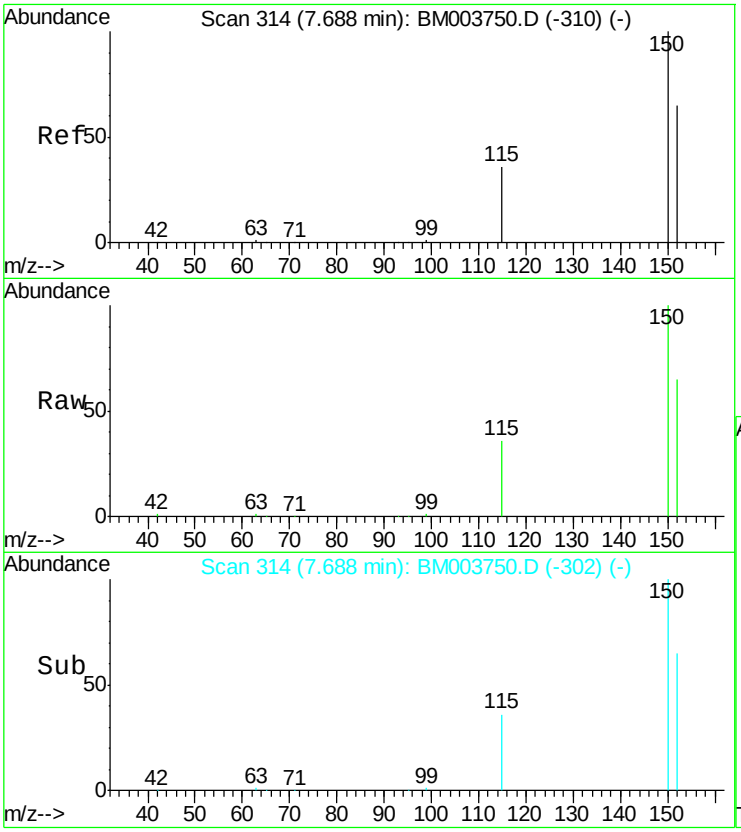
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003750.D
Acq On : 23 Dec 2015 20:45
Operator : UM/SJ
Sample : SSTDICCC001
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 24 01:27:26 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



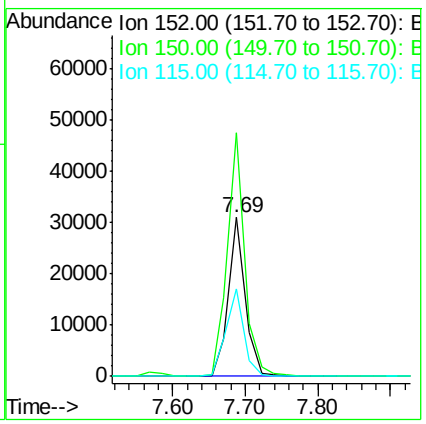


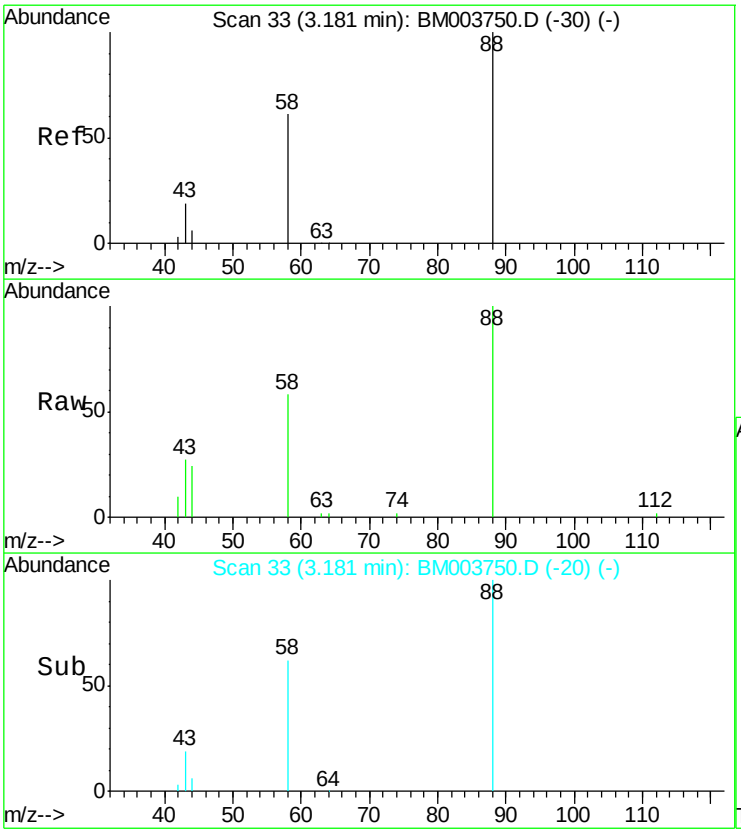
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 49126

Ion	Ratio	Lower	Upper
152	100		
150	153.6	122.9	184.3
115	55.5	44.4	66.6

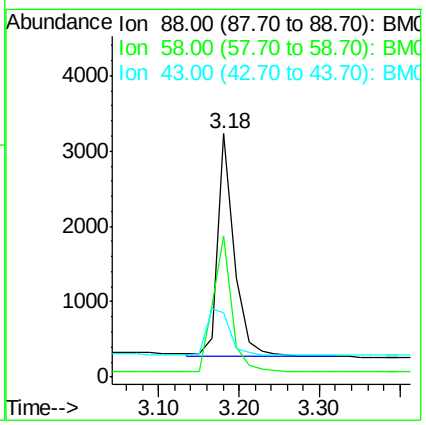


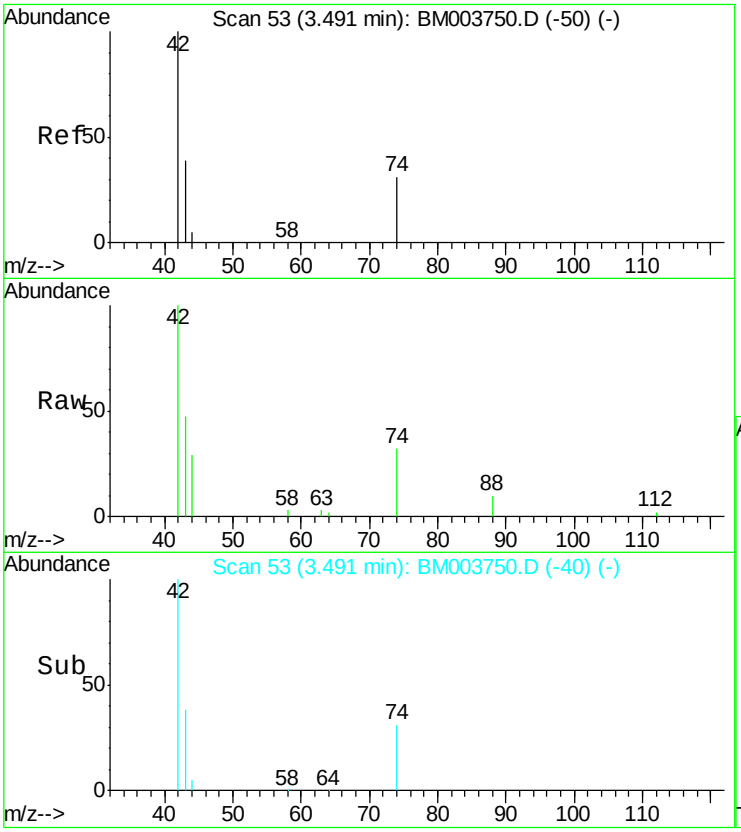


#2
1,4-Dioxane
Concen: 0.96 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Tgt Ion: 88 Resp: 4283

Ion	Ratio	Lower	Upper
88	100		
58	68.3	53.8	80.6
43	29.4	23.8	35.6



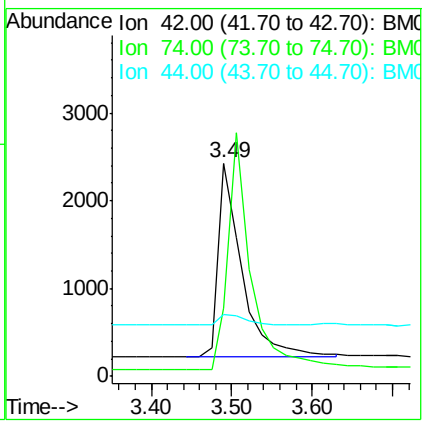


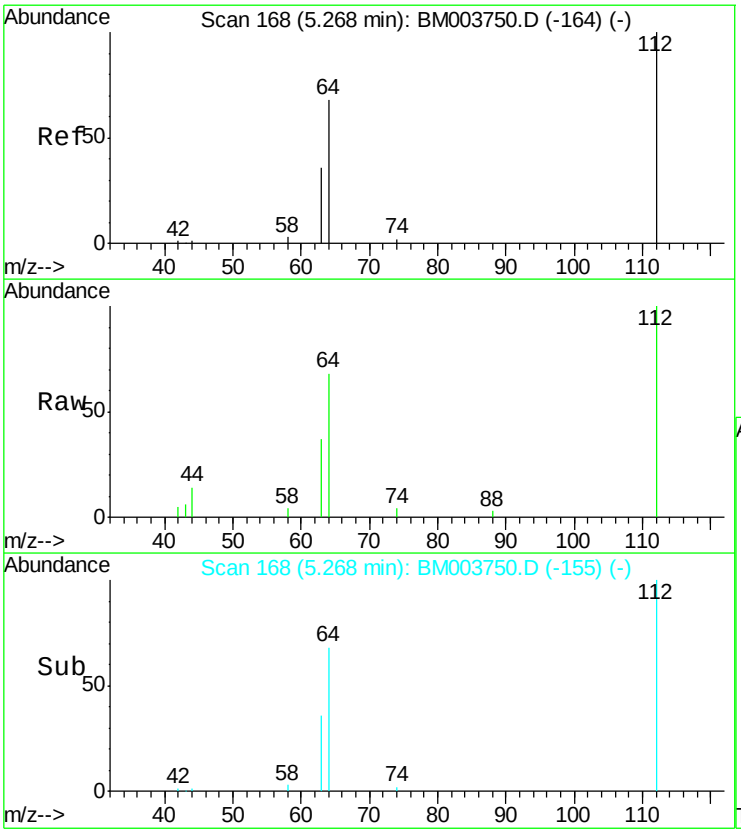
#3
n-Nitrosodimethylamine
Concen: 0.99 ng
RT: 3.49 min Scan# 53
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 42 Resp: 4526

Ion	Ratio	Lower	Upper
42	100		
74	118.1	95.0	142.4
44	6.3	5.1	7.7

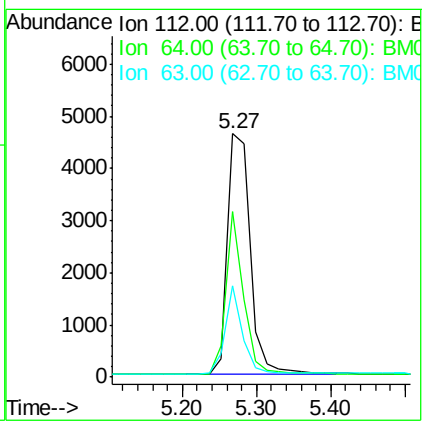


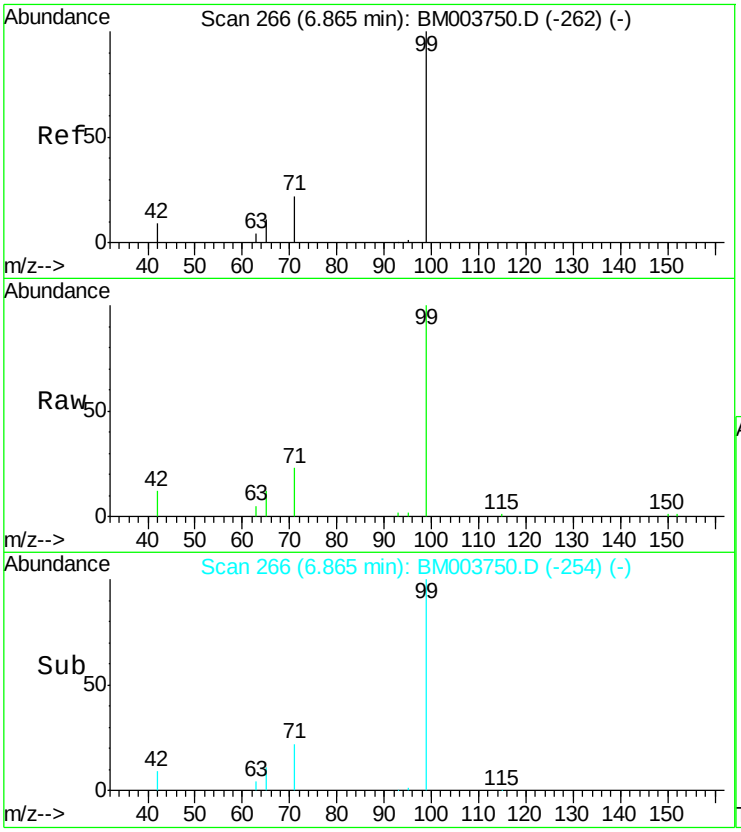


#4
2-Fluorophenol
Concen: 1.00 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Tgt Ion:112 Resp: 9908

Ion	Ratio	Lower	Upper
112	100		
64	52.3	41.8	62.8
63	27.6	22.1	33.1



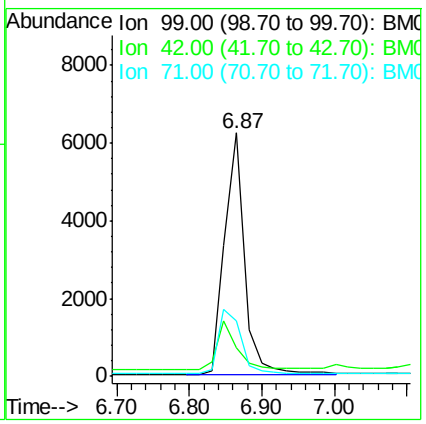


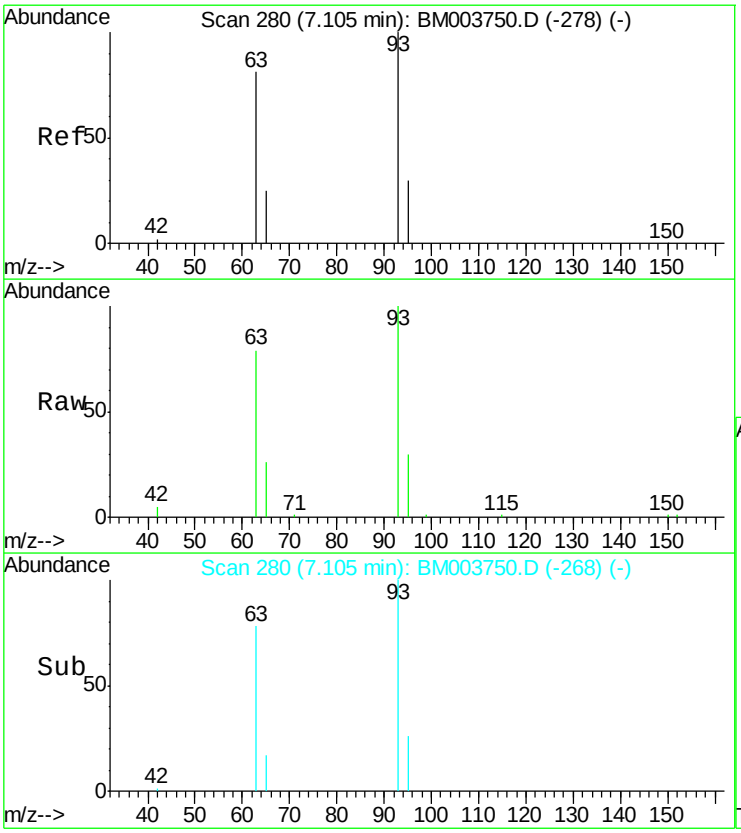
#5
Phenol-d6
Concen: 0.98 ng
RT: 6.87 min Scan# 266
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 11818

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.2	24.2
71	30.5	24.4	36.6

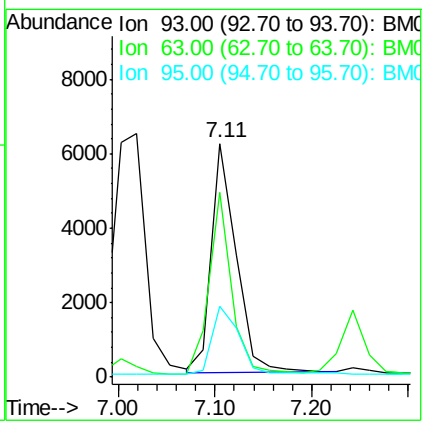


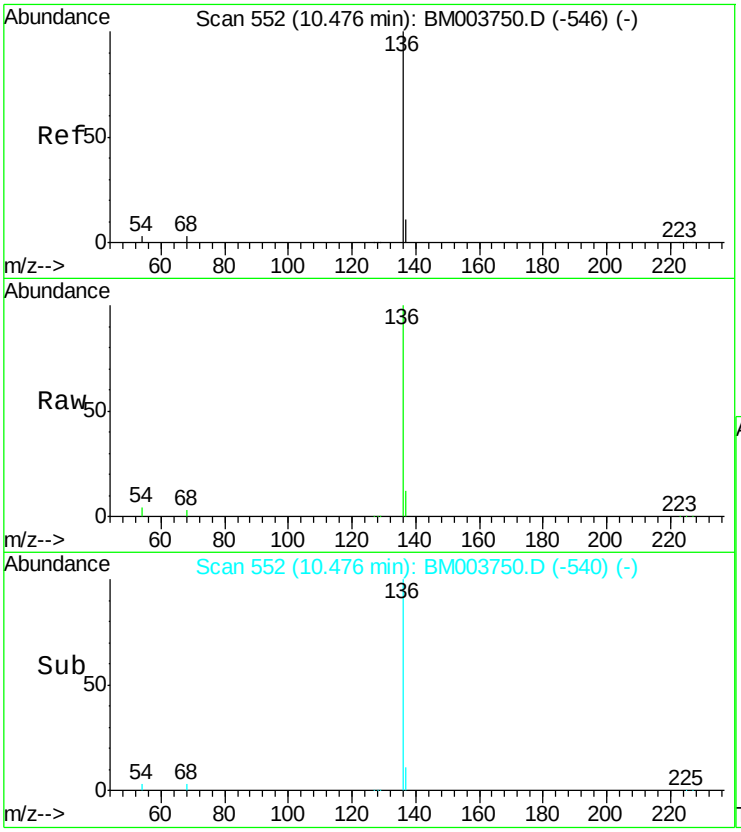


#6
bis(2-Chloroethyl)ether
Concen: 0.94 ng
RT: 7.11 min Scan# 280
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Tgt Ion: 93 Resp: 10927

Ion	Ratio	Lower	Upper
93	100		
63	72.9	58.3	87.5
95	32.3	25.8	38.8



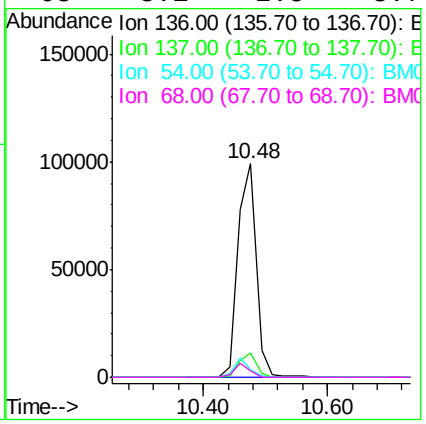


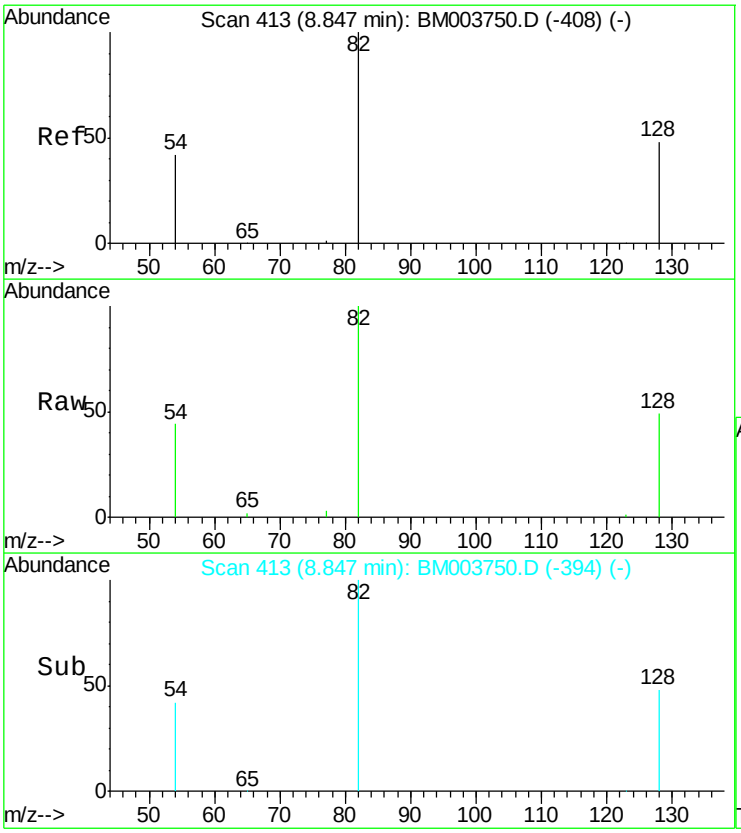
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.48 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 203158

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	3.5	2.8	4.2
68	3.1	2.5	3.7

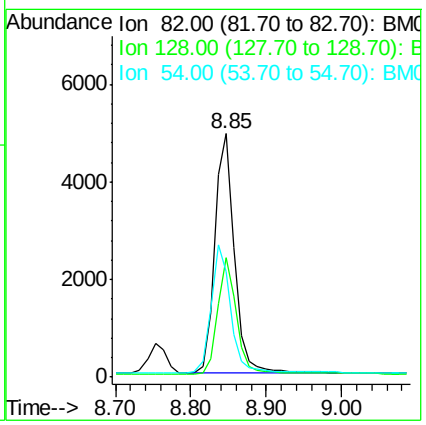


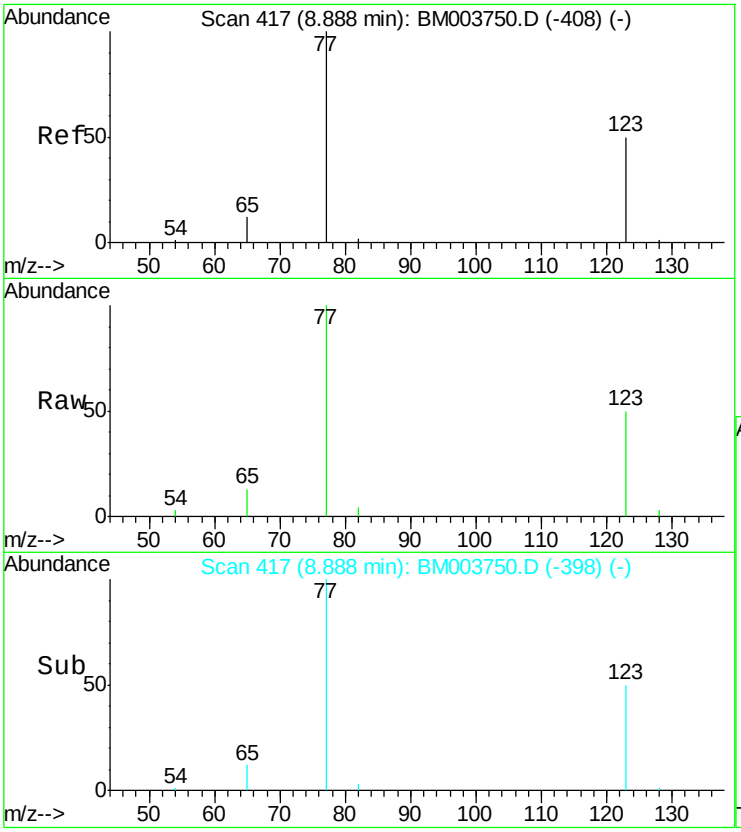


#8
Nitrobenzene-d5
Concen: 0.95 ng
RT: 8.85 min Scan# 413
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Tgt Ion: 82 Resp: 9060

Ion	Ratio	Lower	Upper
82	100		
128	48.9	39.1	58.7
54	43.5	34.8	52.2



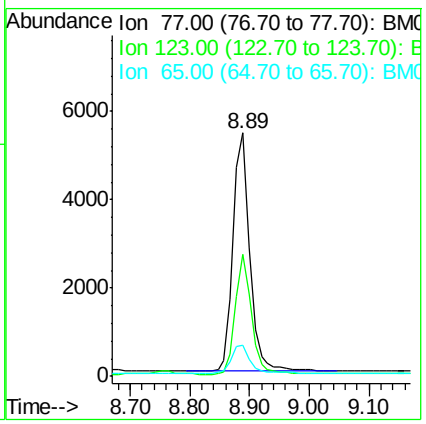


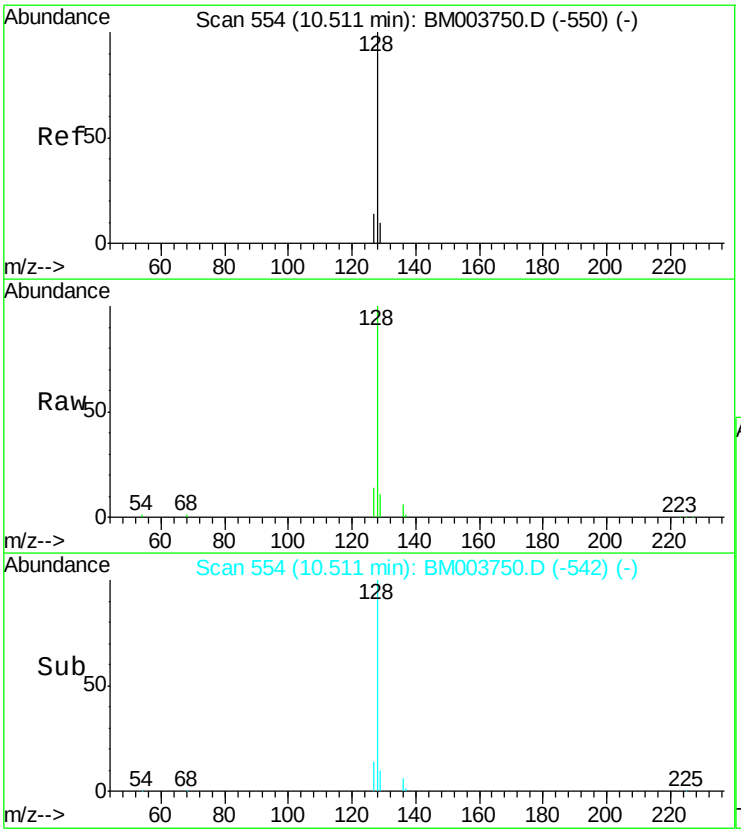
#9
Nitrobenzene
Concen: 1.00 ng
RT: 8.89 min Scan# 417
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 10348

Ion	Ratio	Lower	Upper
77	100		
123	48.2	38.6	57.8
65	12.4	9.9	14.9

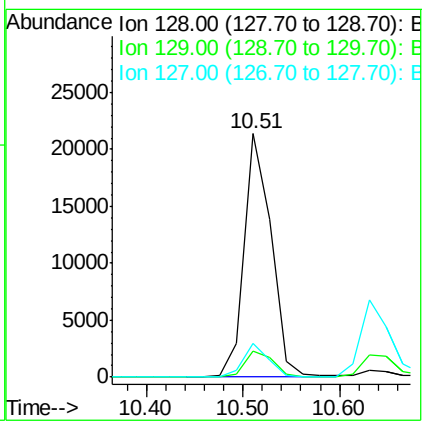


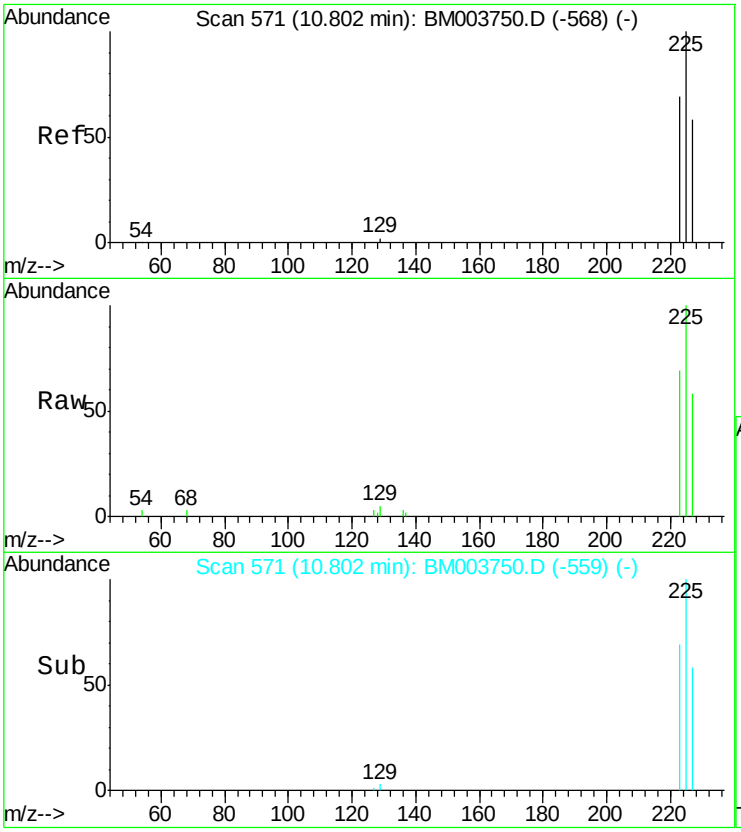


#10
Naphthalene
Concen: 0.94 ng
RT: 10.51 min Scan# 554
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Tgt Ion:128 Resp: 41011

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.5	12.7
127	13.7	11.0	16.4



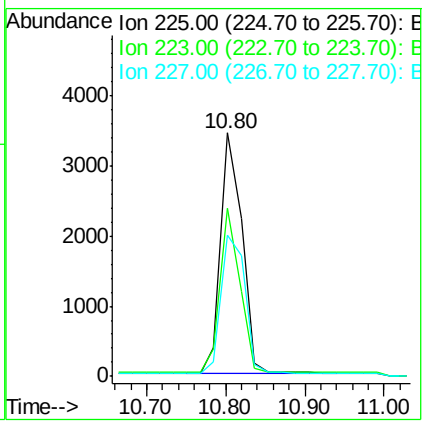


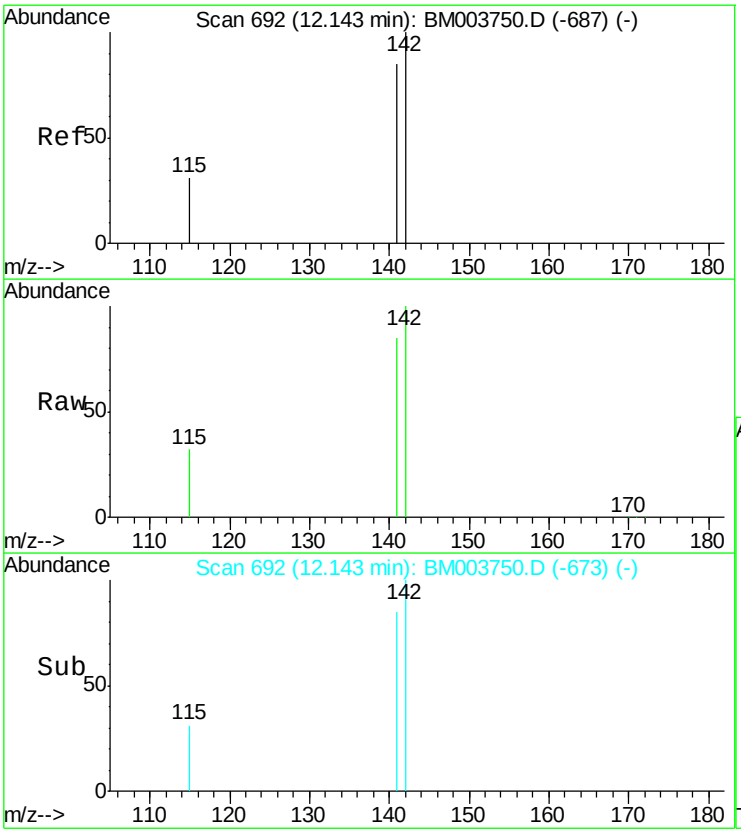
#11
Hexachlorobutadiene
Concen: 0.95 ng
RT: 10.80 min Scan# 571
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:225 Resp: 6364

Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.9	76.3
227	64.0	51.2	76.8

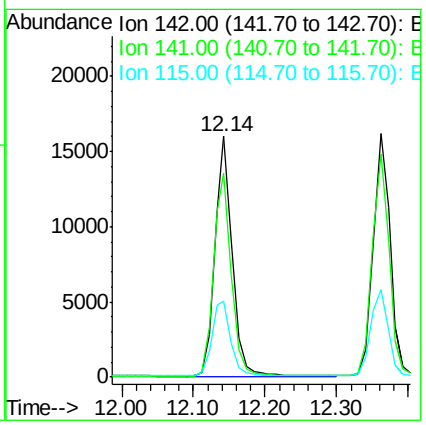


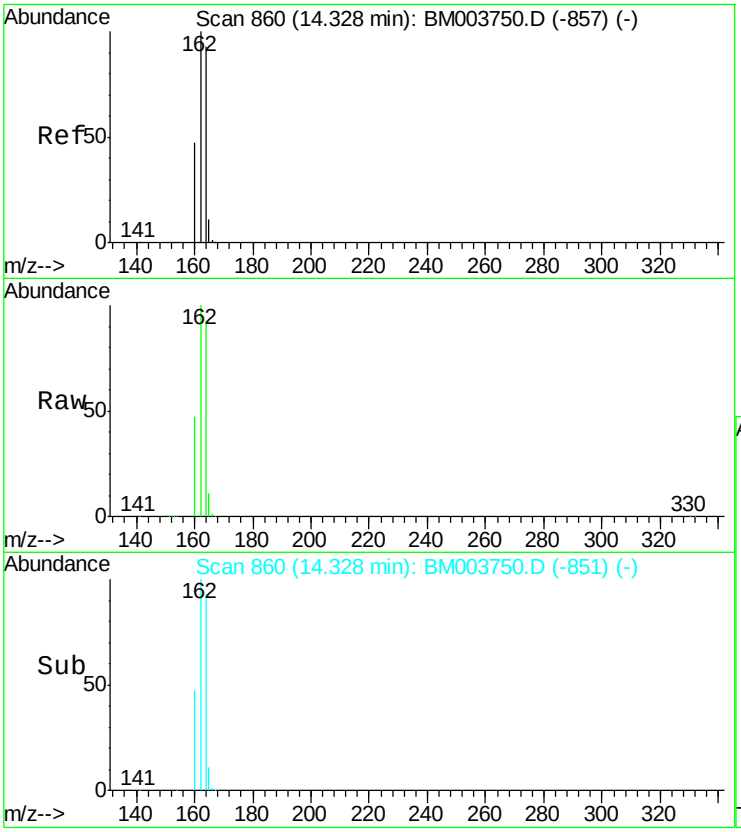


#12
2-Methylnaphthalene
Concen: 0.91 ng
RT: 12.14 min Scan# 692
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Tgt Ion:142 Resp: 27065

Ion	Ratio	Lower	Upper
142	100		
141	84.8	67.8	101.8
115	31.6	25.3	37.9



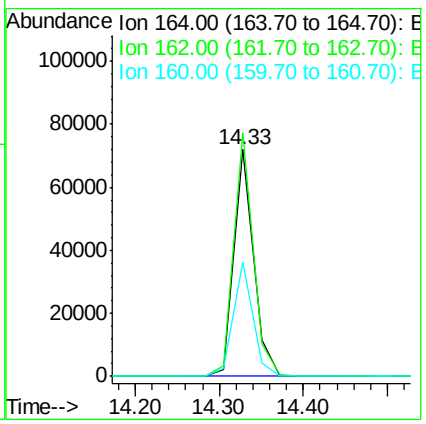


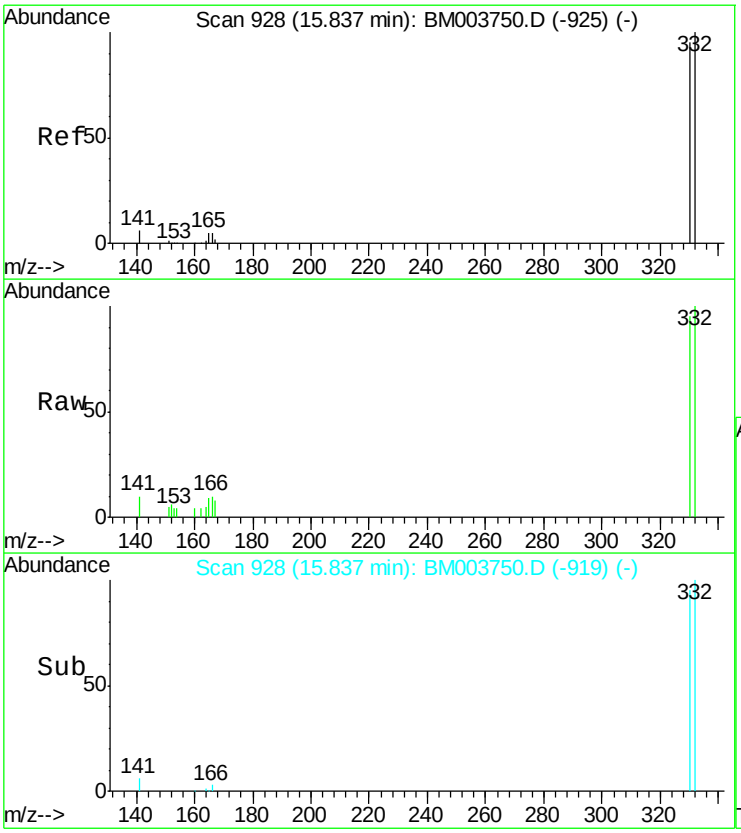
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.33 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 114467

Ion	Ratio	Lower	Upper
164	100		
162	107.5	86.0	129.0
160	50.4	40.3	60.5

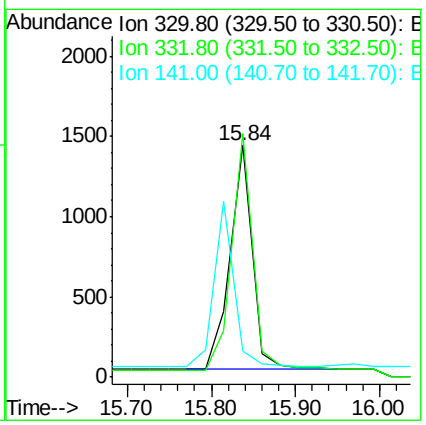


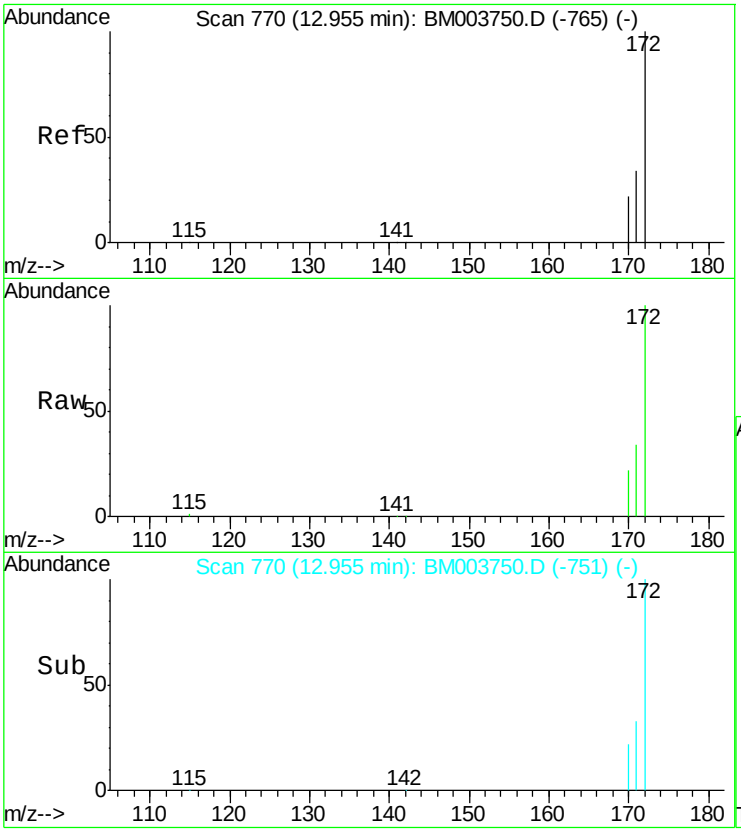


#14
2,4,6-Tribromophenol
Concen: 1.07 ng
RT: 15.84 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Tgt Ion:330 Resp: 2548

Ion	Ratio	Lower	Upper
330	100		
332	98.7	79.0	118.4
141	0.0	0.0	0.0



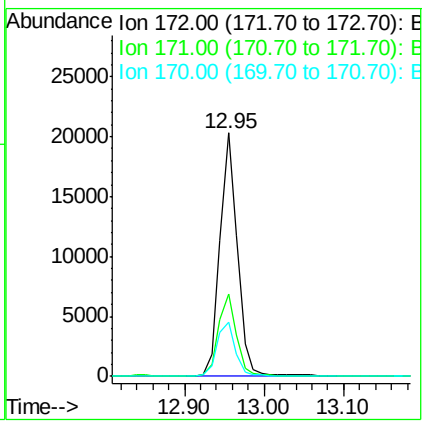


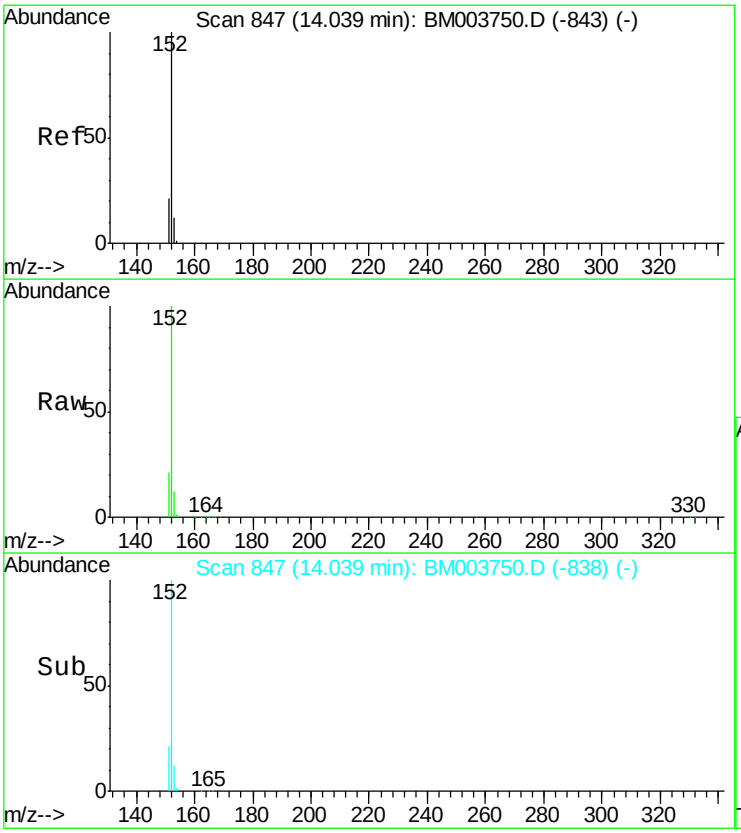
#15
2-Fluorobiphenyl
Concen: 0.89 ng
RT: 12.95 min Scan# 770
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 30744

Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.0	40.6
170	22.4	17.9	26.9

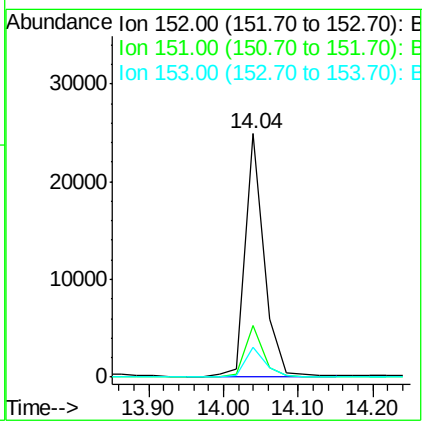


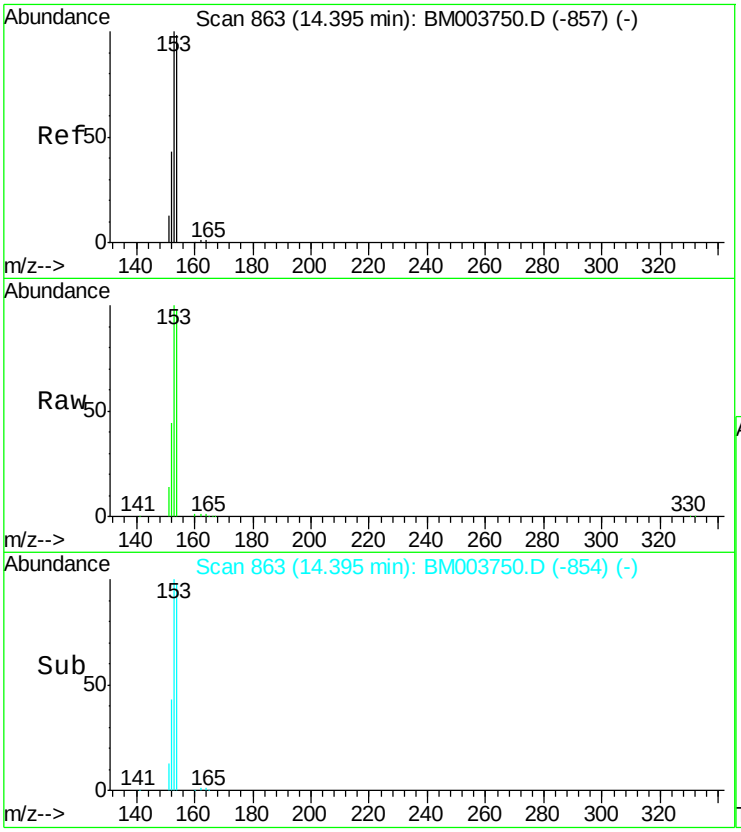


#16
Acenaphthylene
Concen: 0.95 ng
RT: 14.04 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Tgt Ion:152 Resp: 43080

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	12.8	10.2	15.4



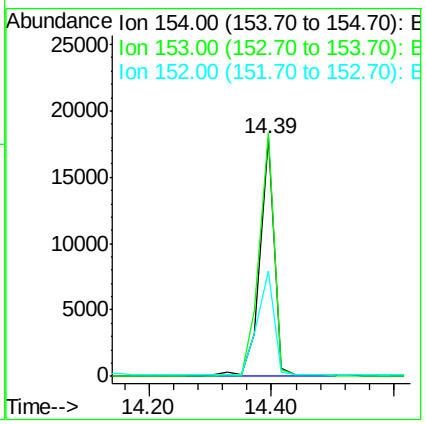


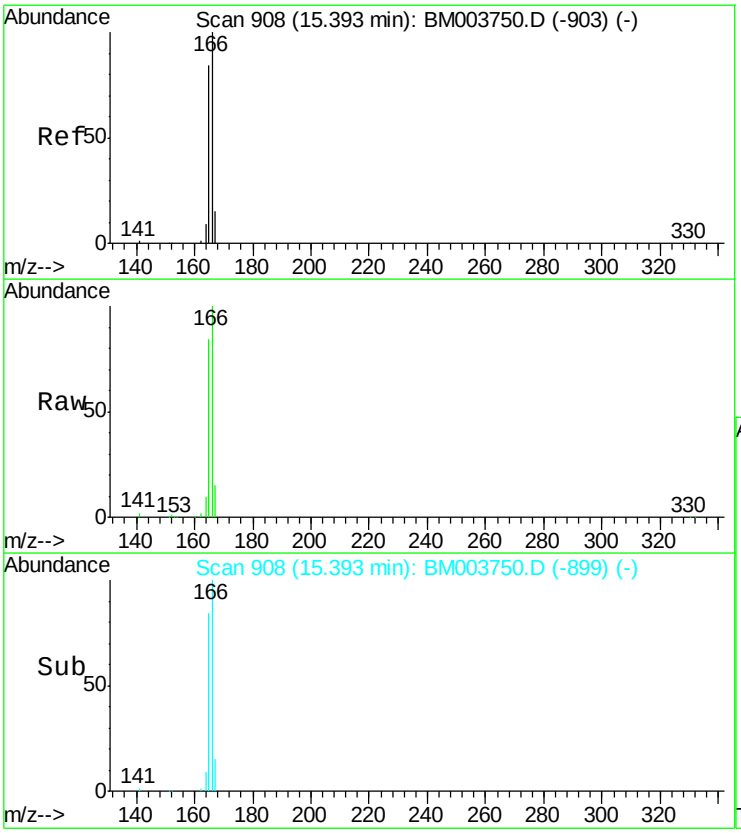
#17
Acenaphthene
Concen: 0.97 ng
RT: 14.39 min Scan# 863
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 29582

Ion	Ratio	Lower	Upper
154	100		
153	106.8	85.4	128.2
152	50.7	40.6	60.8

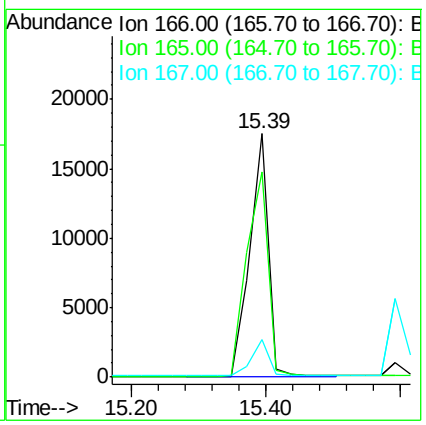


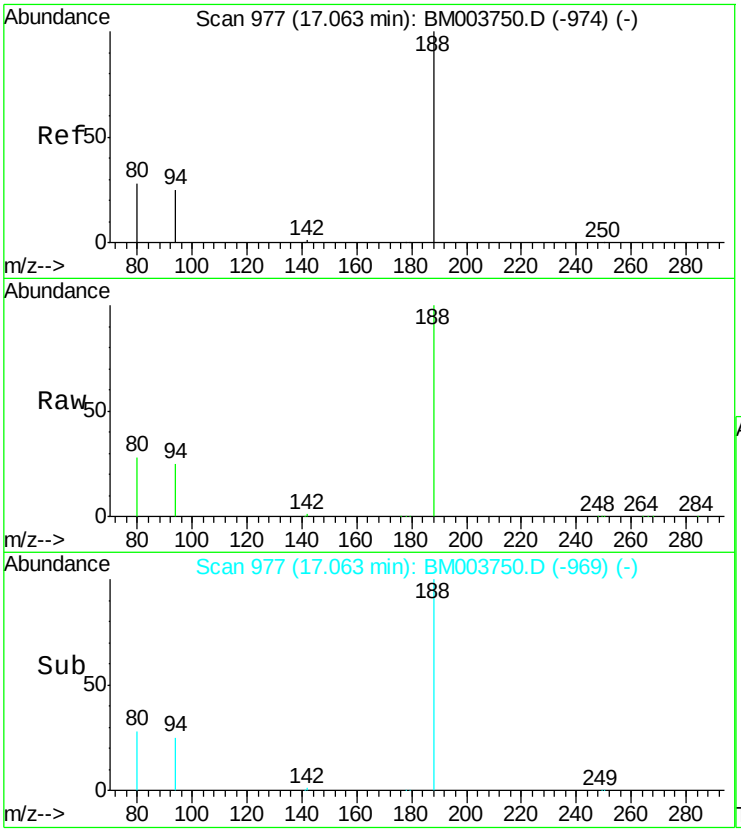


#18
Fluorene
Concen: 0.98 ng
RT: 15.39 min Scan# 908
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Tgt Ion:166 Resp: 33554

Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.2	115.8
167	13.8	11.0	16.6



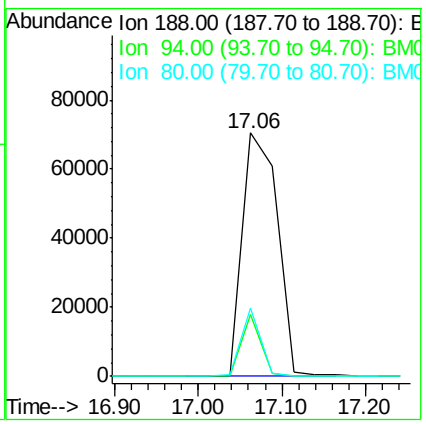


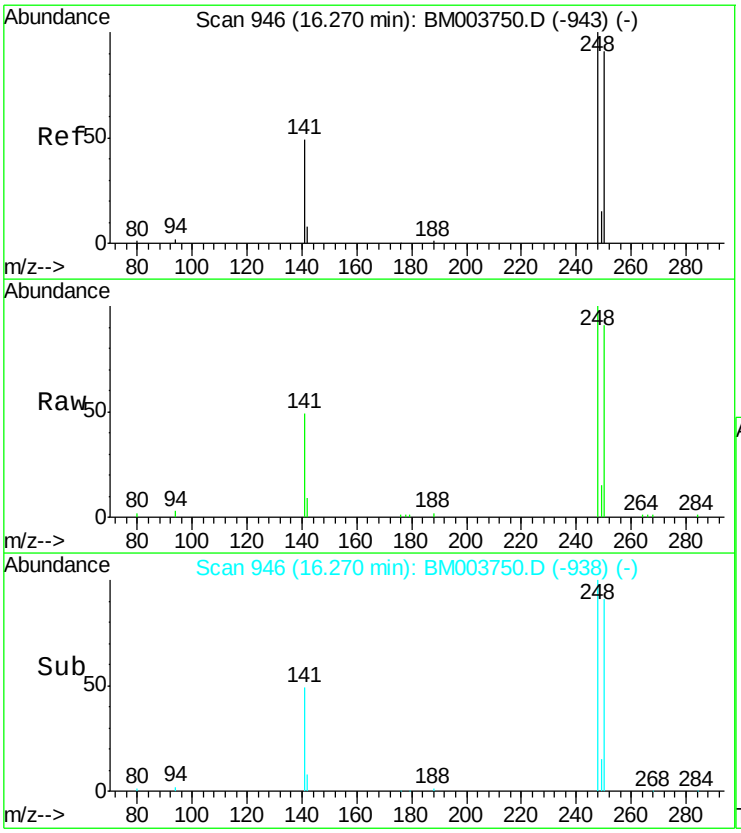
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 204194

Ion	Ratio	Lower	Upper
188	100		
94	25.4	20.3	30.5
80	27.8	22.2	33.4

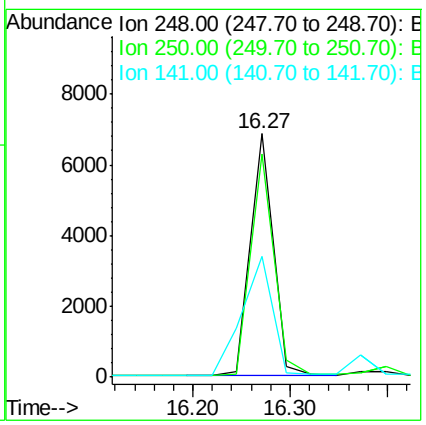


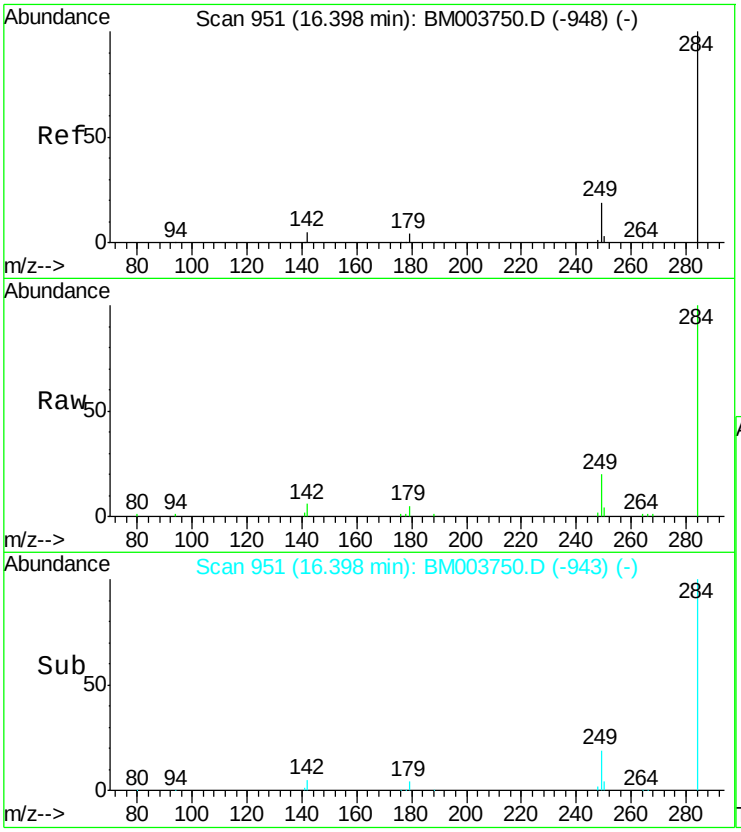


#20
4-Bromophenyl-phenylether
Concen: 1.67 ng
RT: 16.27 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Tgt Ion:248 Resp: 11081

Ion	Ratio	Lower	Upper
248	100		
250	93.7	75.0	112.4
141	66.2	53.0	79.4



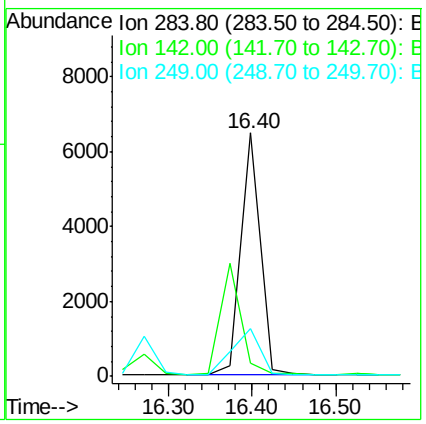


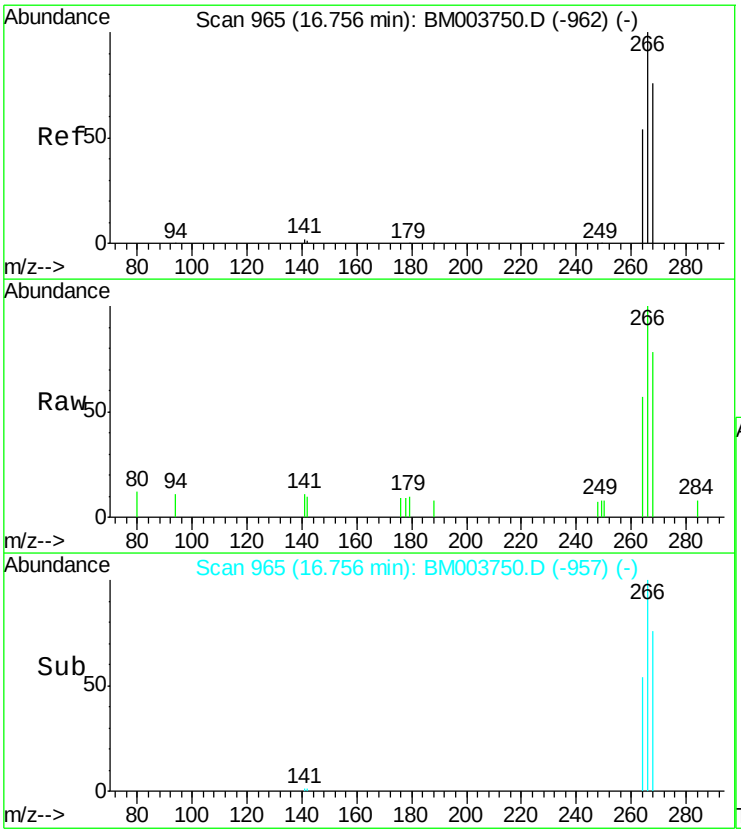
#21
Hexachlorobenzene
Concen: 1.38 ng
RT: 16.40 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 10478

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	27.0	21.5	32.3

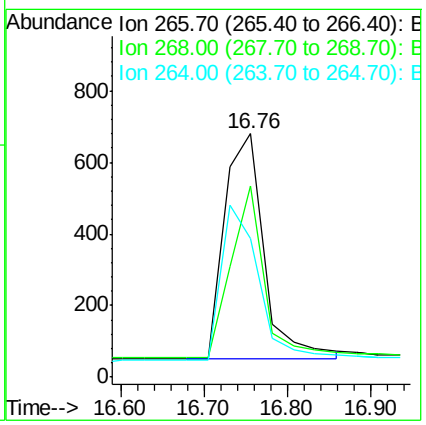


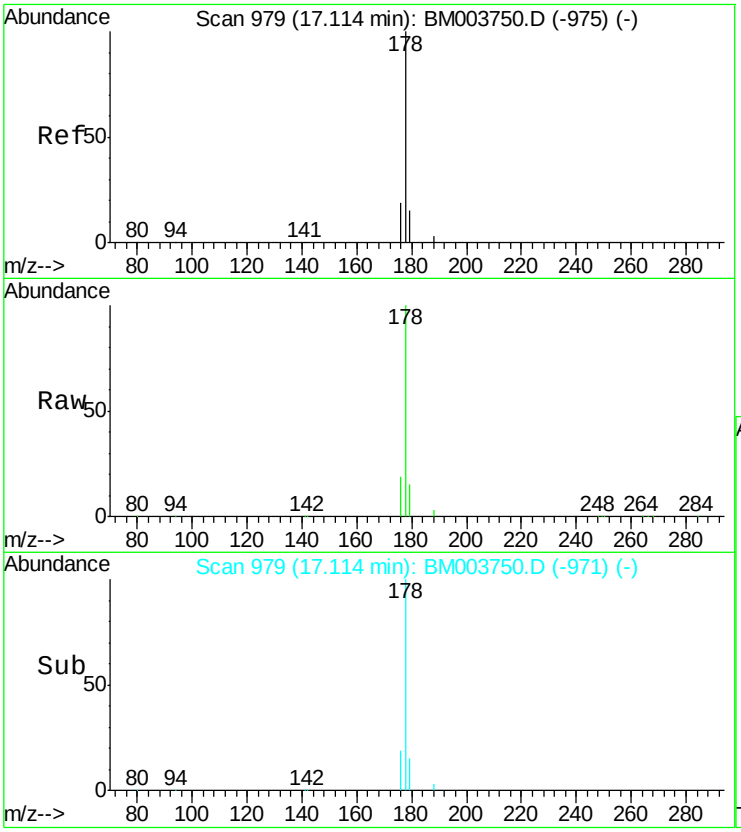


#22
Pentachlorophenol
Concen: 0.93 ng
RT: 16.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Tgt Ion:266 Resp: 2081

Ion	Ratio	Lower	Upper
266	100		
268	78.4	62.7	94.1
264	57.1	45.7	68.5



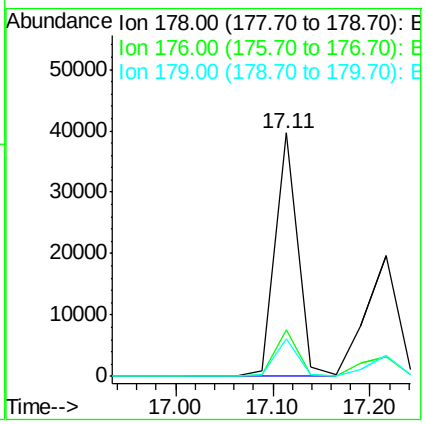


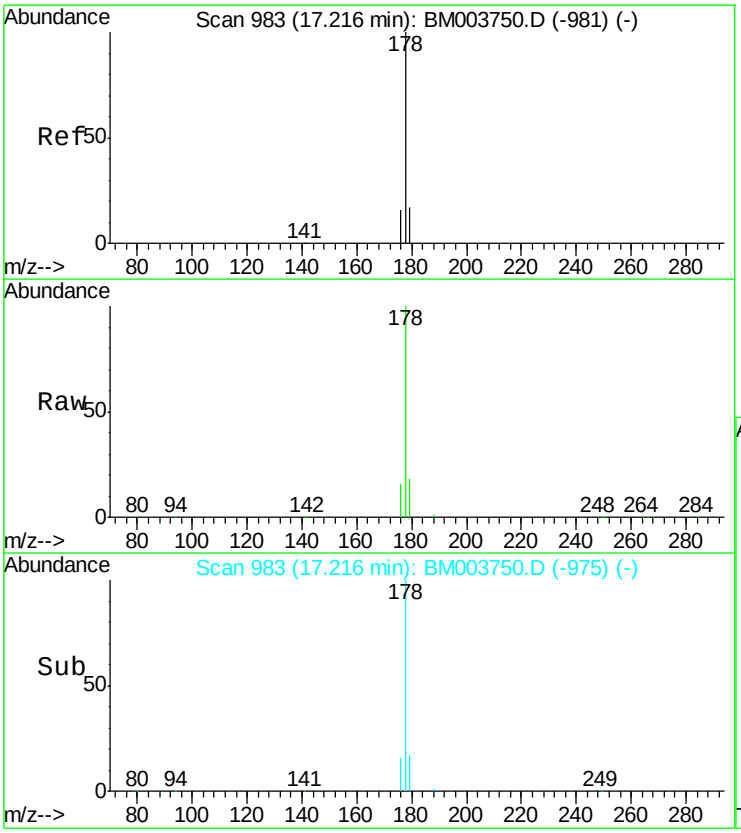
#23
Phenanthrene
Concen: 1.50 ng
RT: 17.11 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 64626

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.3	12.2	18.4

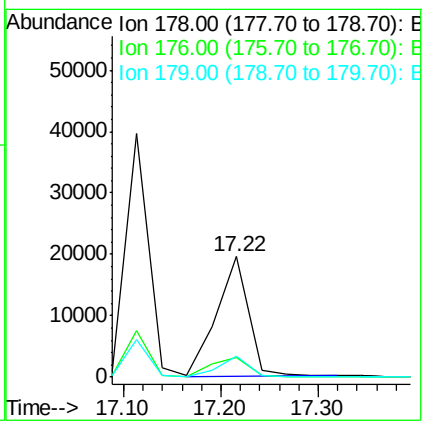


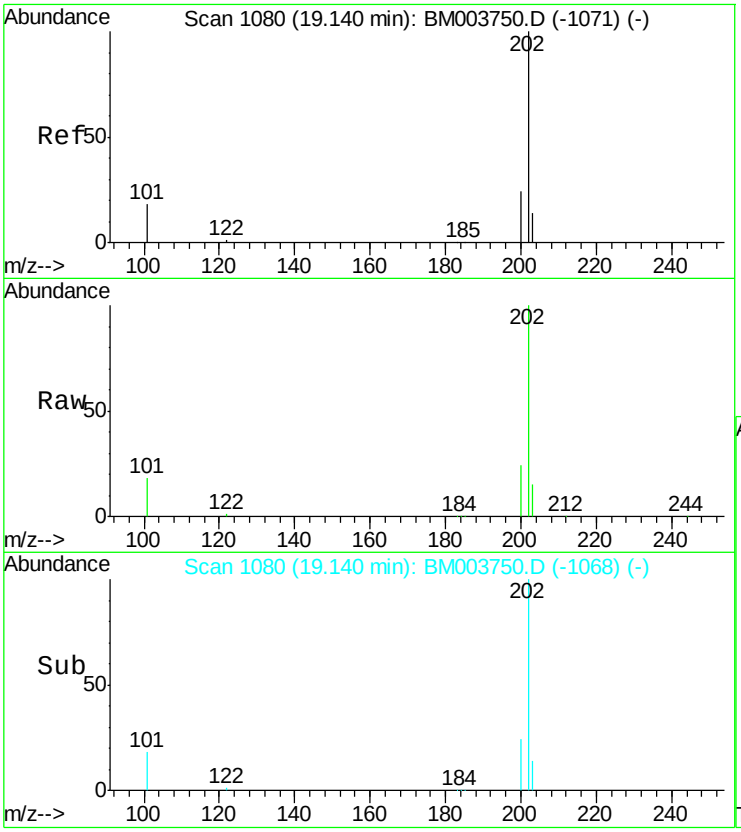


#24
Anthracene
Concen: 1.06 ng
RT: 17.22 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Tgt Ion:178 Resp: 44295

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.7	12.6	19.0



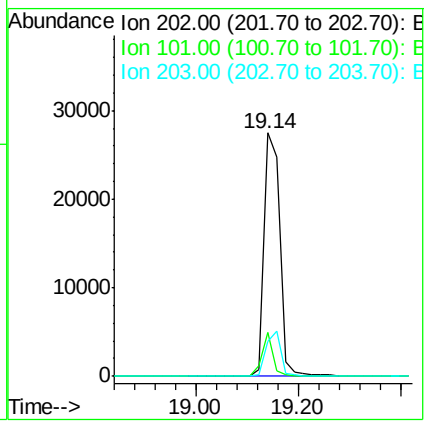


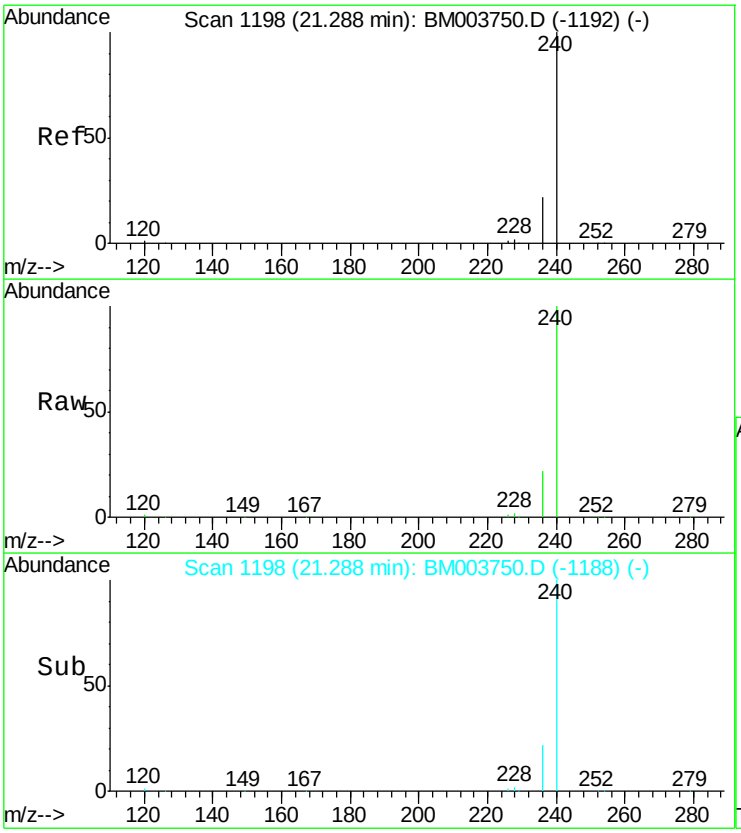
#25
Fluoranthene
Concen: 1.33 ng
RT: 19.14 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 57064

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.7	14.5
203	17.3	13.8	20.8

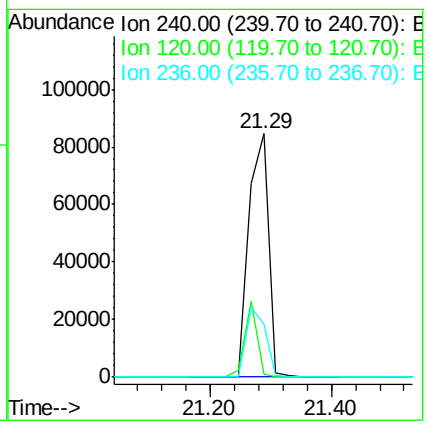


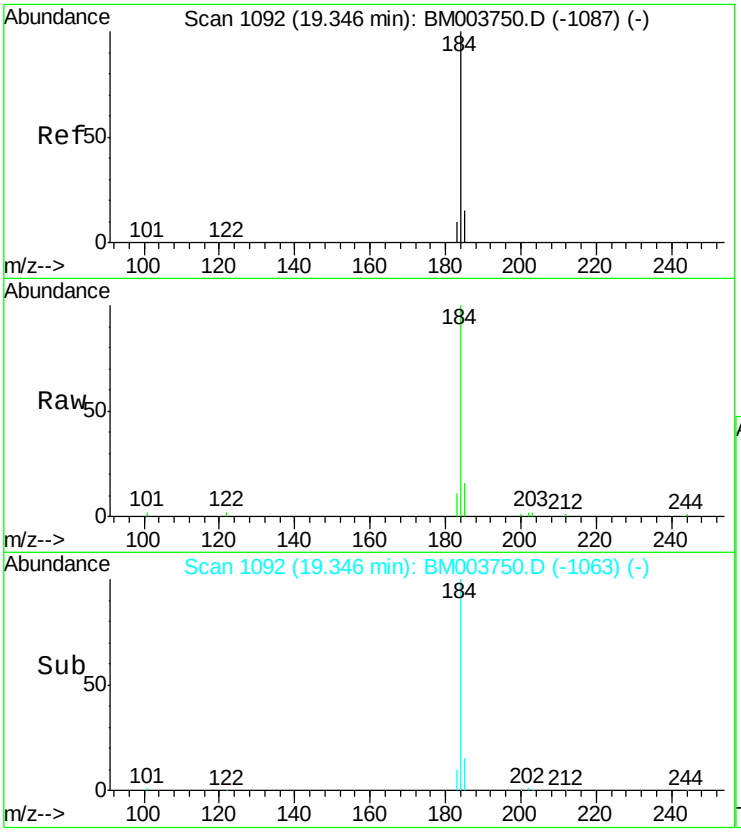


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Tgt Ion:240 Resp: 190764

Ion	Ratio	Lower	Upper
240	100		
120	1.1	0.9	1.3
236	21.6	17.3	25.9



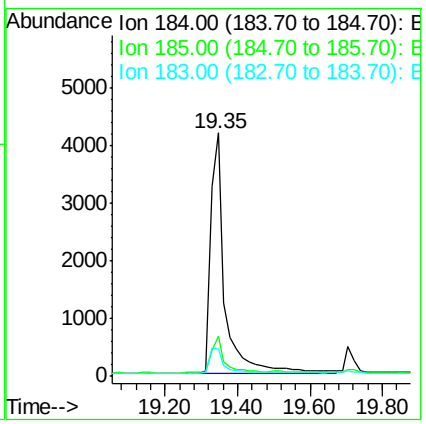


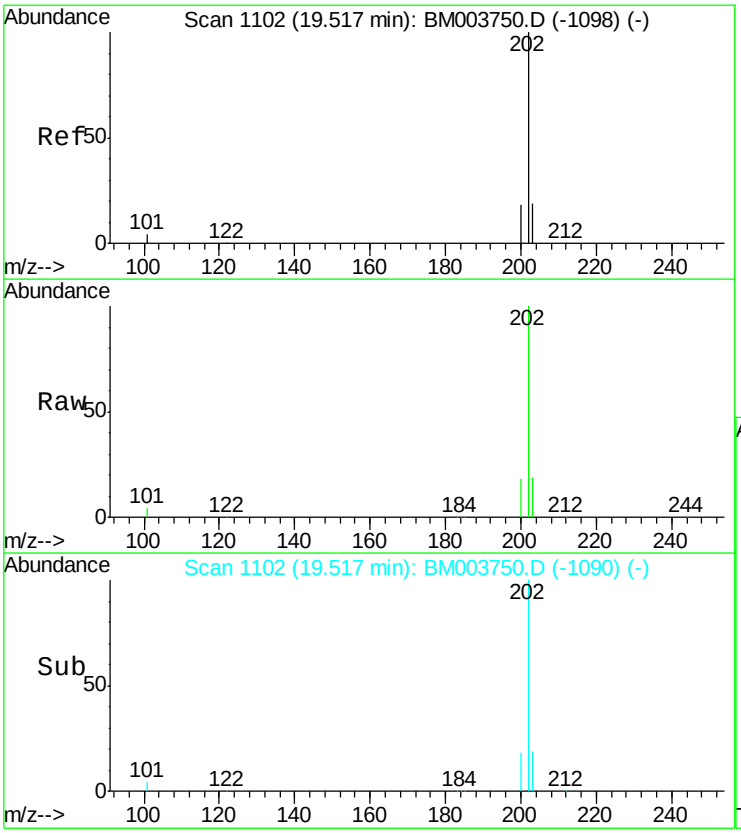
#27
Benzidine
Concen: 0.75 ng
RT: 19.35 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 11448

Ion	Ratio	Lower	Upper
184	100		
185	16.5	13.2	19.8
183	11.3	9.0	13.6

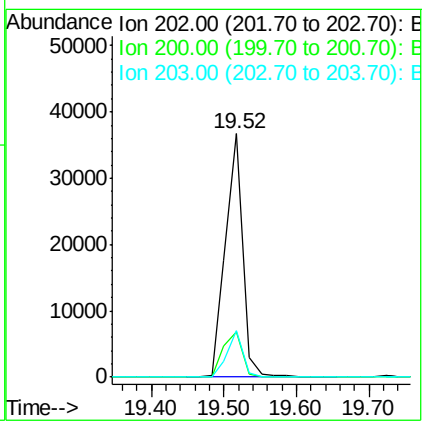


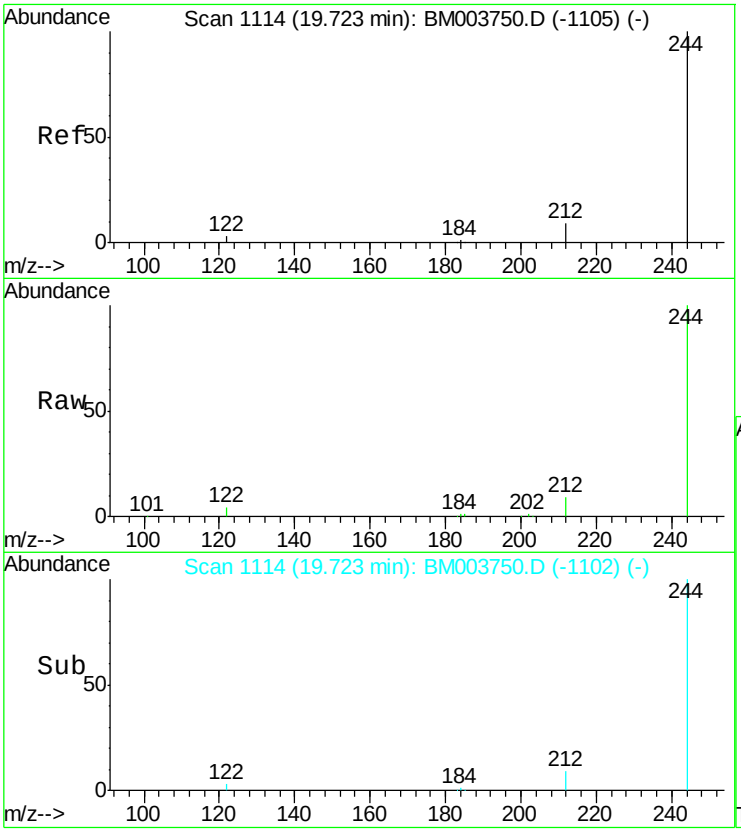


#28
Pyrene
Concen: 0.87 ng
RT: 19.52 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Tgt Ion:202 Resp: 59964

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.5	14.0	21.0



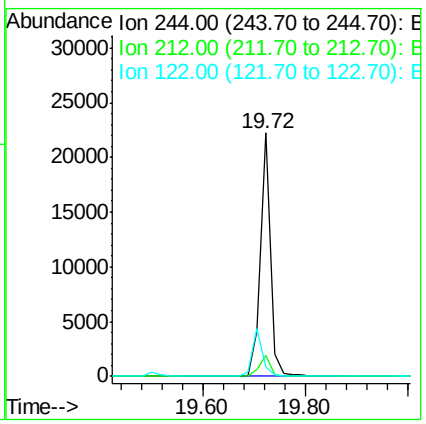


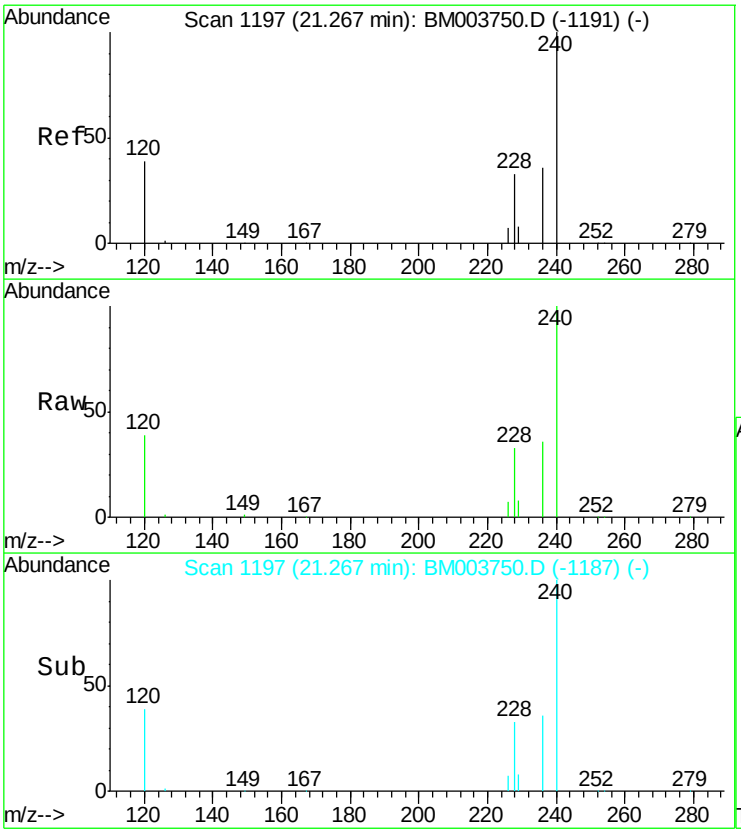
#29
Terphenyl-d14
Concen: 0.96 ng
RT: 19.72 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 29646

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	3.8	3.0	4.6

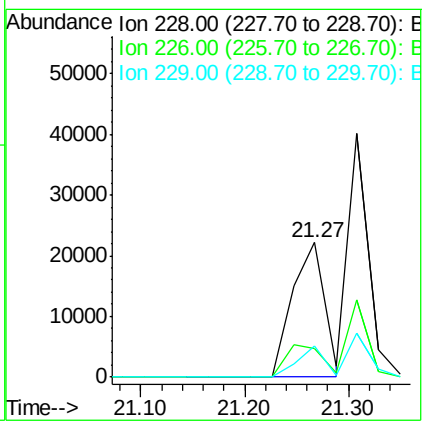


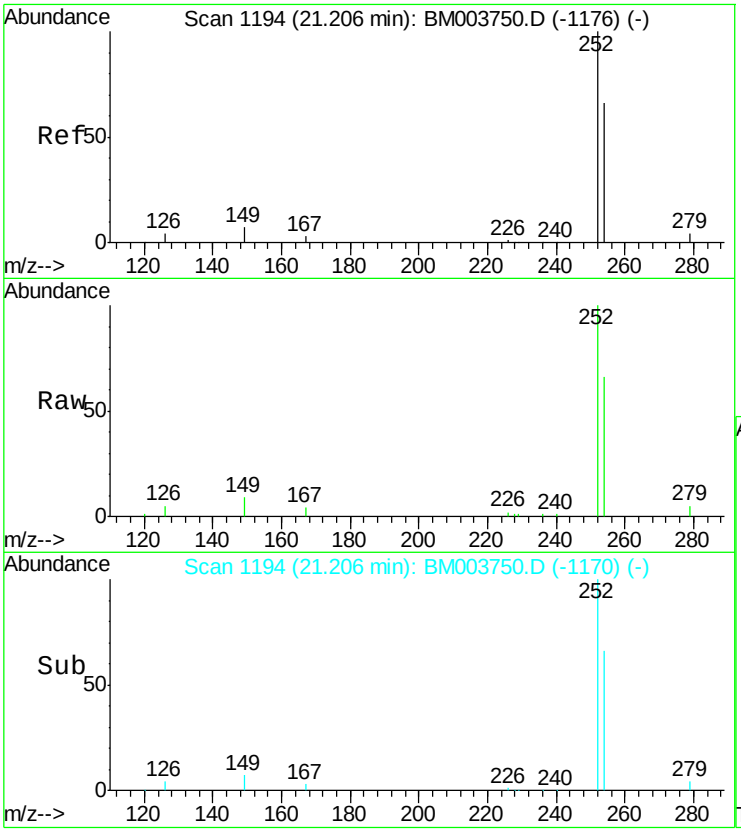


#30
Benzo(a)anthracene
Concen: 0.93 ng
RT: 21.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Tgt Ion:228 Resp: 47798

Ion	Ratio	Lower	Upper
228	100		
226	21.5	17.2	25.8
229	23.4	18.7	28.1



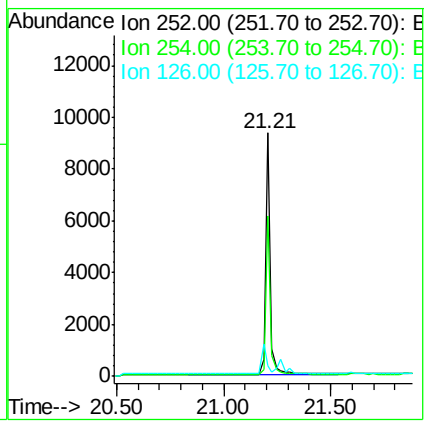


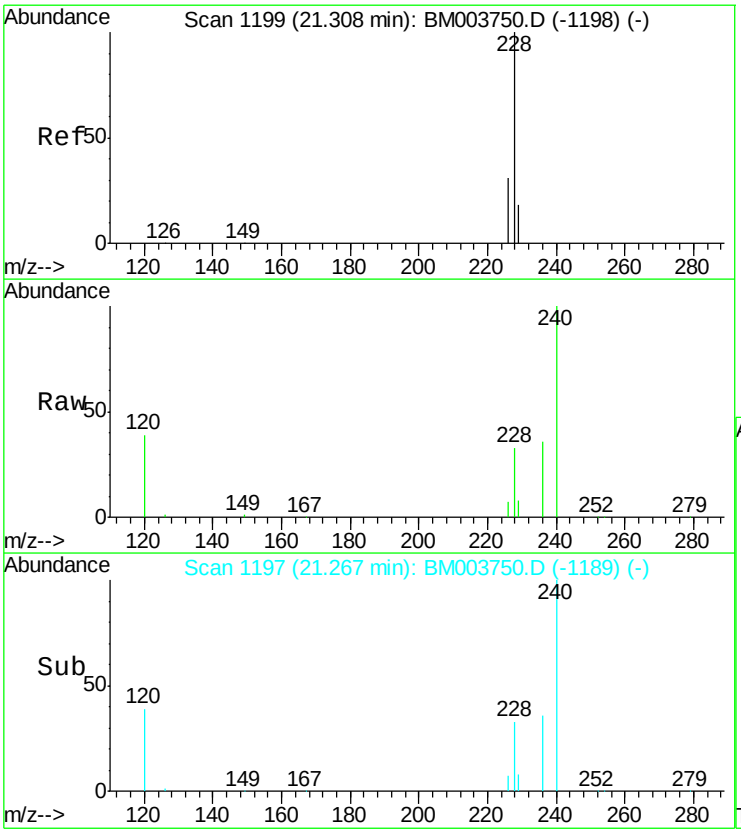
#31
3,3'-Dichlorobenzidine
Concen: 1.09 ng
RT: 21.21 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 14735

Ion	Ratio	Lower	Upper
252	100		
254	65.8	52.6	79.0
126	4.6	3.7	5.5

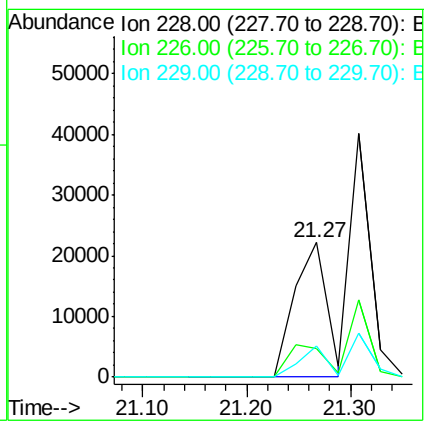


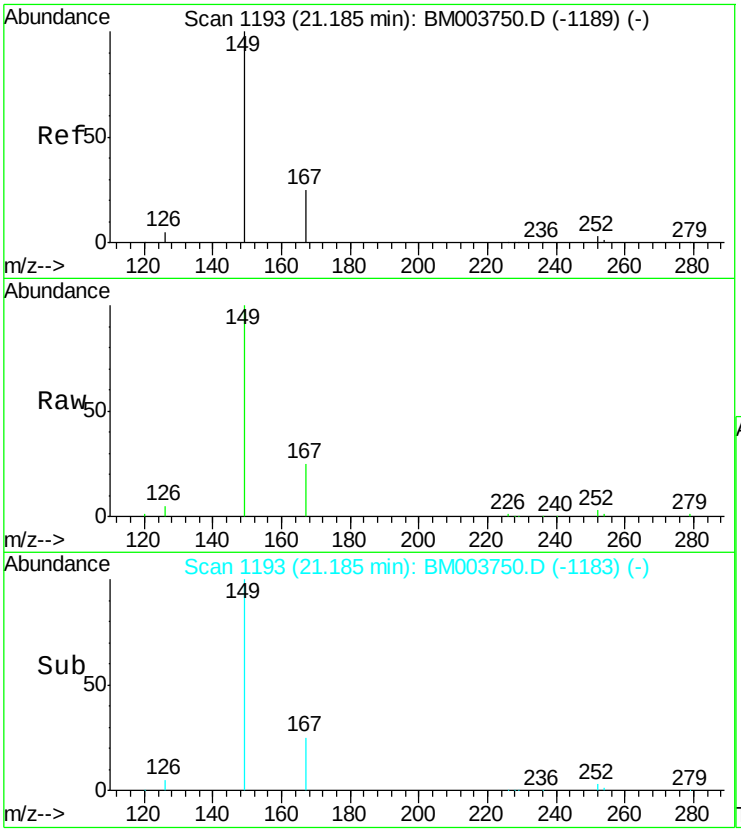


#32
Chrysene
Concen: 0.80 ng
RT: 21.27 min Scan# 1197
Delta R.T. -0.04 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Tgt Ion:228 Resp: 47798

Ion	Ratio	Lower	Upper
228	100		
226	21.5	25.3	37.9#
229	23.4	14.5	21.7#



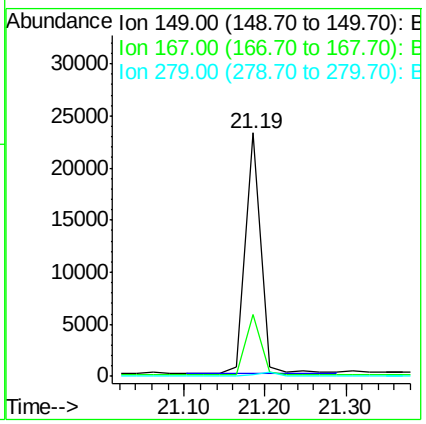


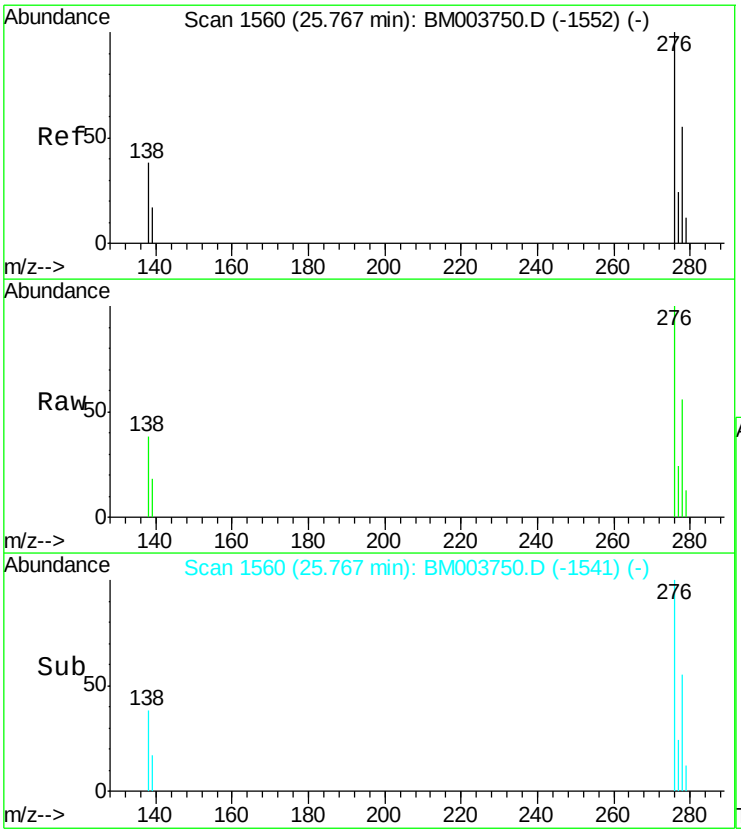
#33
Bis(2-ethylhexyl)phthalate
Concen: 1.14 ng
RT: 21.19 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 30313

Ion	Ratio	Lower	Upper
149	100		
167	25.1	20.1	30.1
279	0.0	0.0	0.0

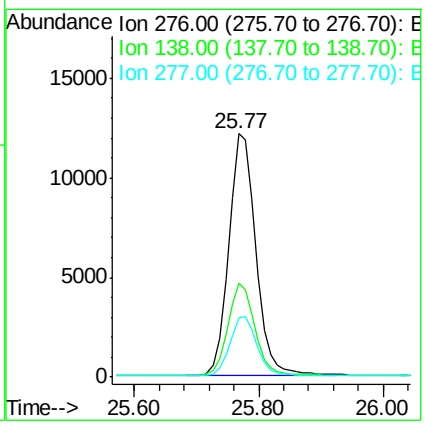


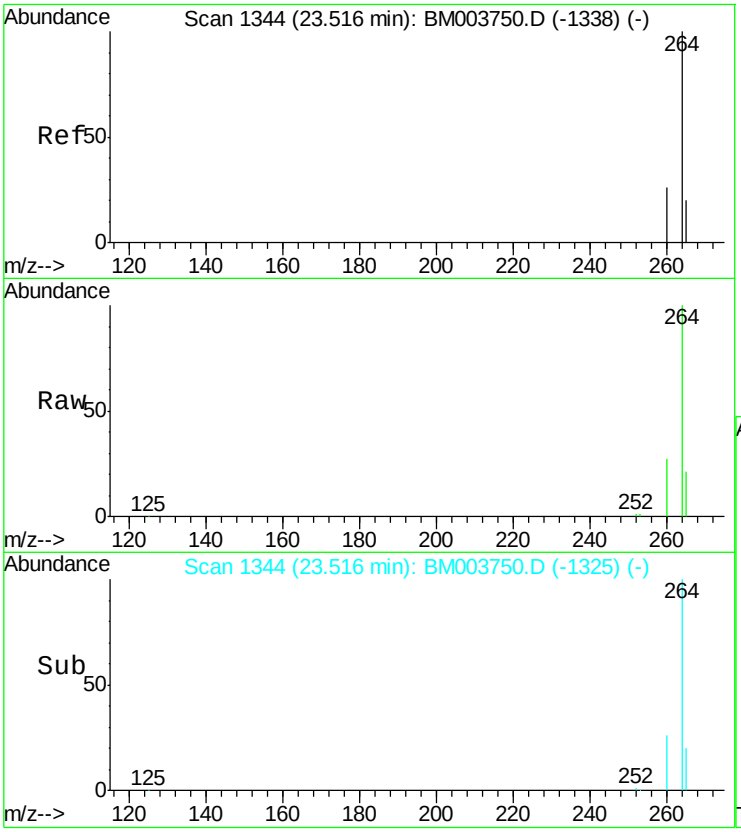


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.83 ng
RT: 25.77 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Tgt Ion:276 Resp: 37298

Ion	Ratio	Lower	Upper
276	100		
138	37.7	30.2	45.2
277	24.8	19.8	29.8



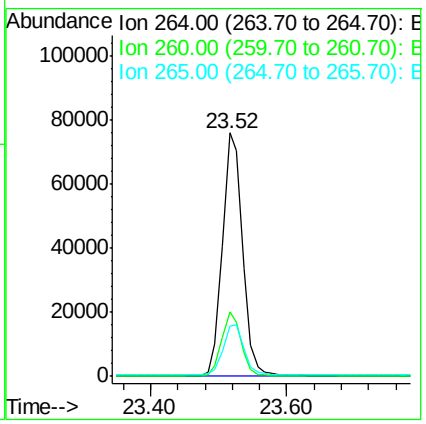


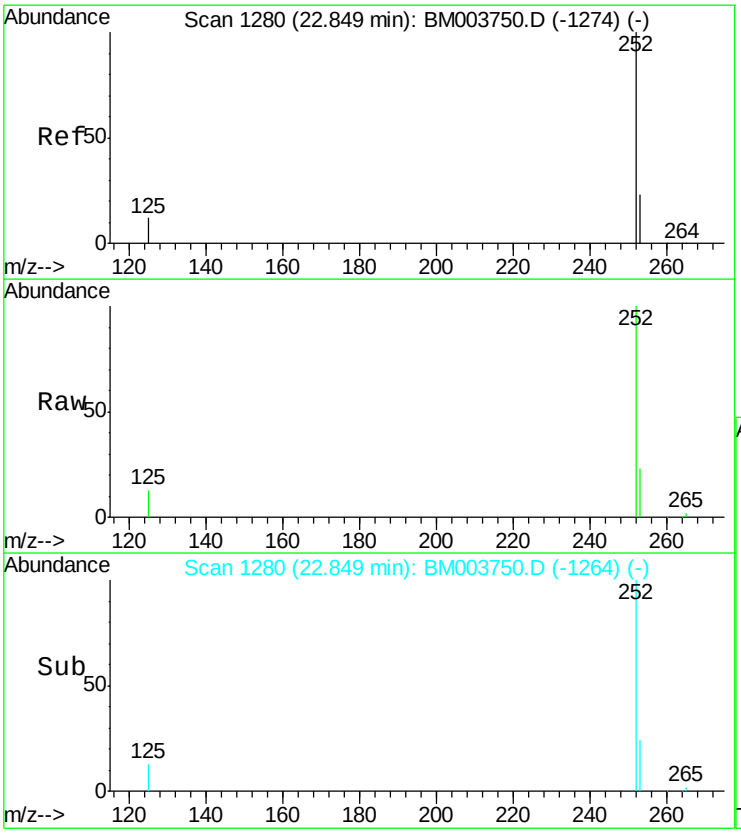
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.52 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 155934

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.2	31.8
265	20.9	16.7	25.1

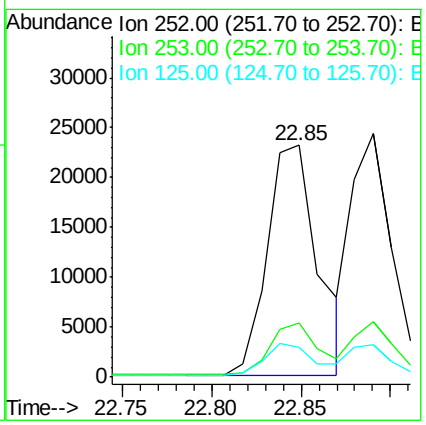


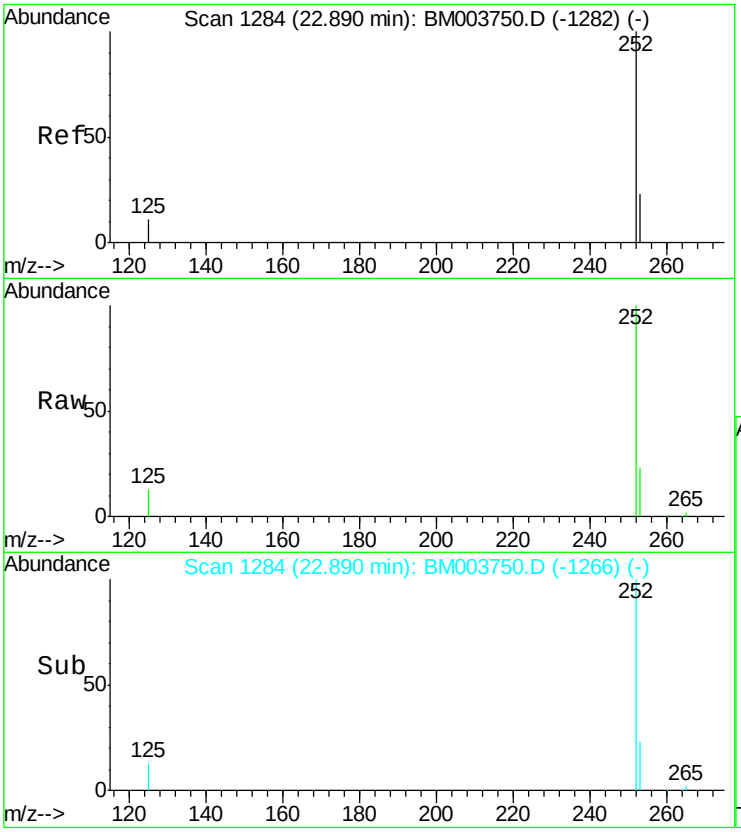


#36
Benzo(b)fluoranthene
Concen: 0.97 ng
RT: 22.85 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Tgt Ion:252 Resp: 45896

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.8	28.2
125	12.8	10.2	15.4



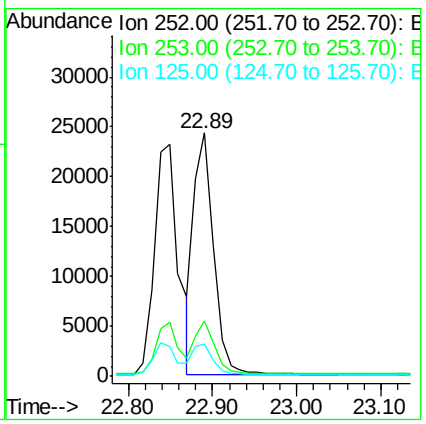


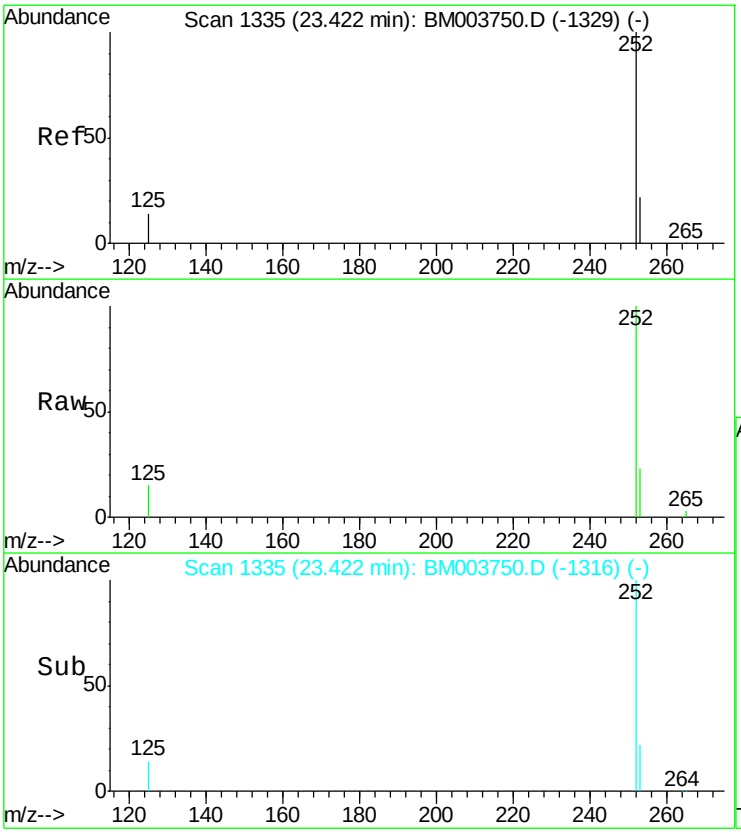
#37
Benzo(k)fluoranthene
Concen: 0.92 ng
RT: 22.89 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 39121

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	13.2	10.6	15.8

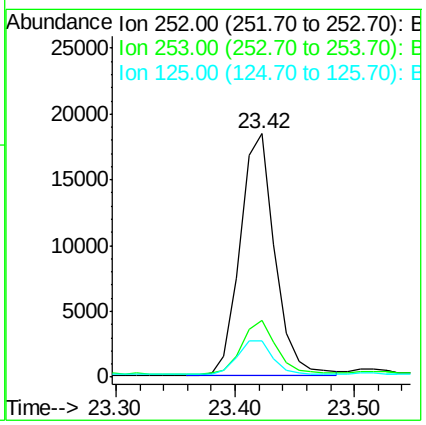


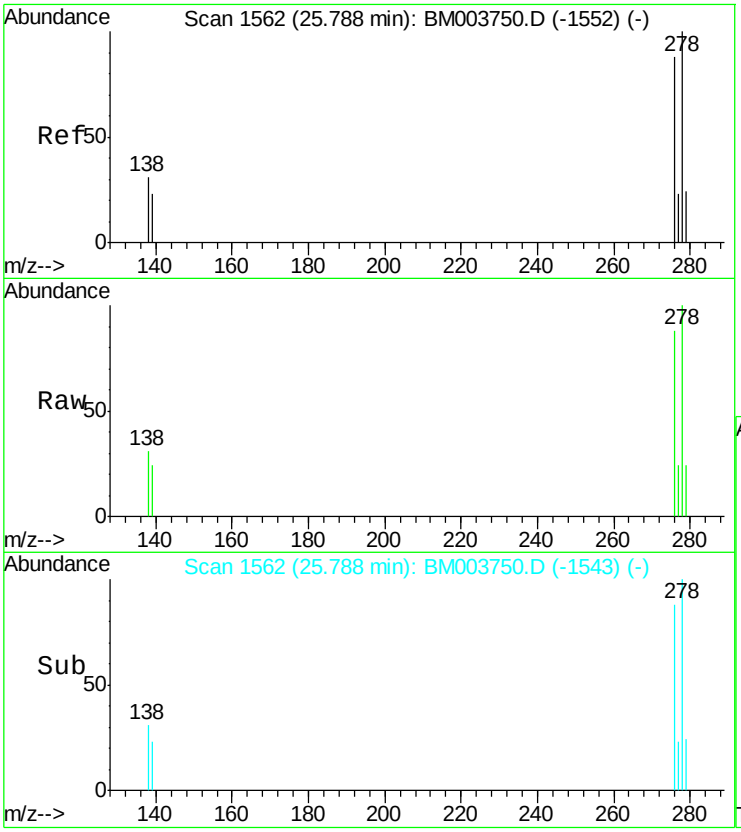


#38
Benzo(a)pyrene
Concen: 0.95 ng
RT: 23.42 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Tgt Ion:252 Resp: 37028

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.7	28.1
125	14.8	11.8	17.8



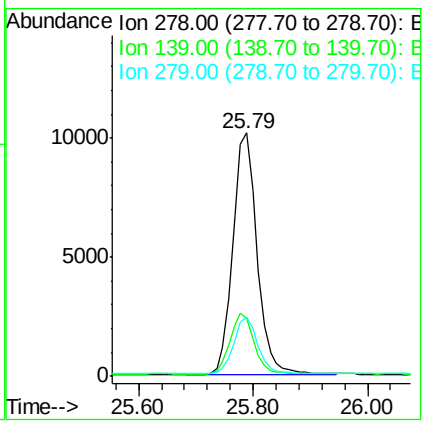


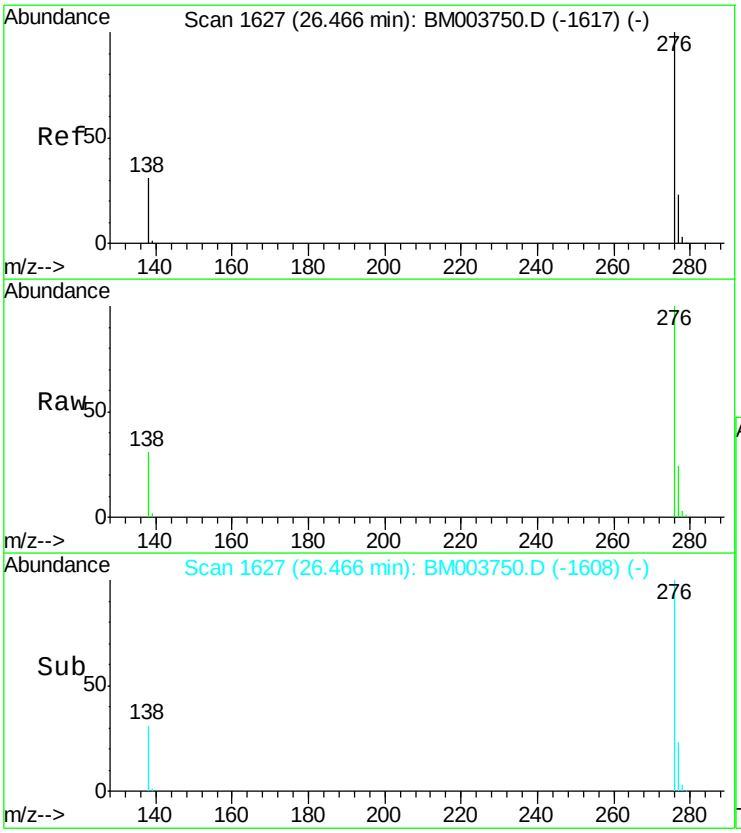
#39
Dibenzo(a,h)anthracene
Concen: 0.84 ng
RT: 25.79 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 30078

Ion	Ratio	Lower	Upper
278	100		
139	23.8	19.0	28.6
279	24.5	19.6	29.4





#40
Benzo(g,h,i)perylene
Concen: 0.84 ng
RT: 26.47 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BM003750.D
Acq: 23 Dec 2015 20:45

Tgt Ion:276 Resp: 31801

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	31.2	25.0	37.4