Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003772.D
Acq On : 24 Dec 2015 10:49
Operator : UM/SJ
Sample : SSTDCCC001
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 24 14:58:24 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 10:08:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	43354	5.00	ng		0.00
7) Naphthalene-d8	10.48	136	180812	5.00	ng		0.00
13) Acenaphthene-d10	14.33	164	104498	5.00	ng		0.00
19) Phenanthrene-d10	17.09	188	198956	5.00	ng		0.03
26) Chrysene-d12	21.29	240	228245	5.00	ng		0.00
35) Perylene-d12	23.53	264	194987	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	8493	0.83	ng		0.02
5) Phenol-d6	6.87	99	10126	0.81	ng		0.00
8) Nitrobenzene-d5	8.85	82	7727	0.81	ng		0.00
14) 2,4,6-Tribromophenol	15.84	330	2308	0.84	ng		0.00
15) 2-Fluorobiphenyl	12.95	172	27226	0.85	ng		0.00
29) Terphenyl-d14	19.72	244	30672	0.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	3825	0.91	ng		99
3) n-Nitrosodimethylamine	3.49	42	3823	0.83	ng		100
6) bis(2-Chloroethyl)ether	7.11	93	9272	0.83	ng		99
9) Nitrobenzene	8.89	77	8733	0.80	ng		100
10) Naphthalene	10.51	128	36339	0.88	ng		100
11) Hexachlorobutadiene	10.80	225	5635	0.88	ng		100
12) 2-Methylnaphthalene	12.14	142	23910	0.87	ng		99
16) Acenaphthylene	14.04	152	38017	0.80	ng		100
17) Acenaphthene	14.39	154	26776	0.92	ng		99
18) Fluorene	15.39	166	30357	0.86	ng		100
20) 4-Bromophenyl-phenylether	16.27	248	9775	1.13	ng		95
21) Hexachlorobenzene	16.40	284	9790	1.19	ng	#	99
22) Pentachlorophenol	16.76	266	2218	0.87	ng		98
23) Phenanthrene	17.11	178	61848	1.14	ng		100
24) Anthracene	17.22	178	42087	0.91	ng		100
25) Fluoranthene	19.16	202	56061	0.96	ng		100
27) Benzidine	19.35	184	12036	0.90	ng		99
28) Pyrene	19.52	202	60740	0.77	ng		100
30) Benzo(a)anthracene	21.27	228	55481	0.81	ng		96
31) 3,3'-Dichlorobenzidine	21.21	252	15934	0.89	ng	#	93
32) Chrysene	21.27	228	55480	0.77	ng	#	88
33) Bis(2-ethylhexyl)phthalate	21.19	149	30325	0.78	ng	#	98
34) Indeno(1,2,3-cd)pyrene	25.78	276	46786	0.97	ng		99
36) Benzo(b)fluoranthene	22.85	252	53291	0.84	ng		98
37) Benzo(k)fluoranthene	22.89	252	49723	0.85	ng		99
38) Benzo(a)pyrene	23.42	252	45624	0.84	ng		99
39) Dibenzo(a,h)anthracene	25.79	278	37546	0.88	ng		99
40) Benzo(g,h,i)perylene	26.47	276	39287	0.88	ng		98

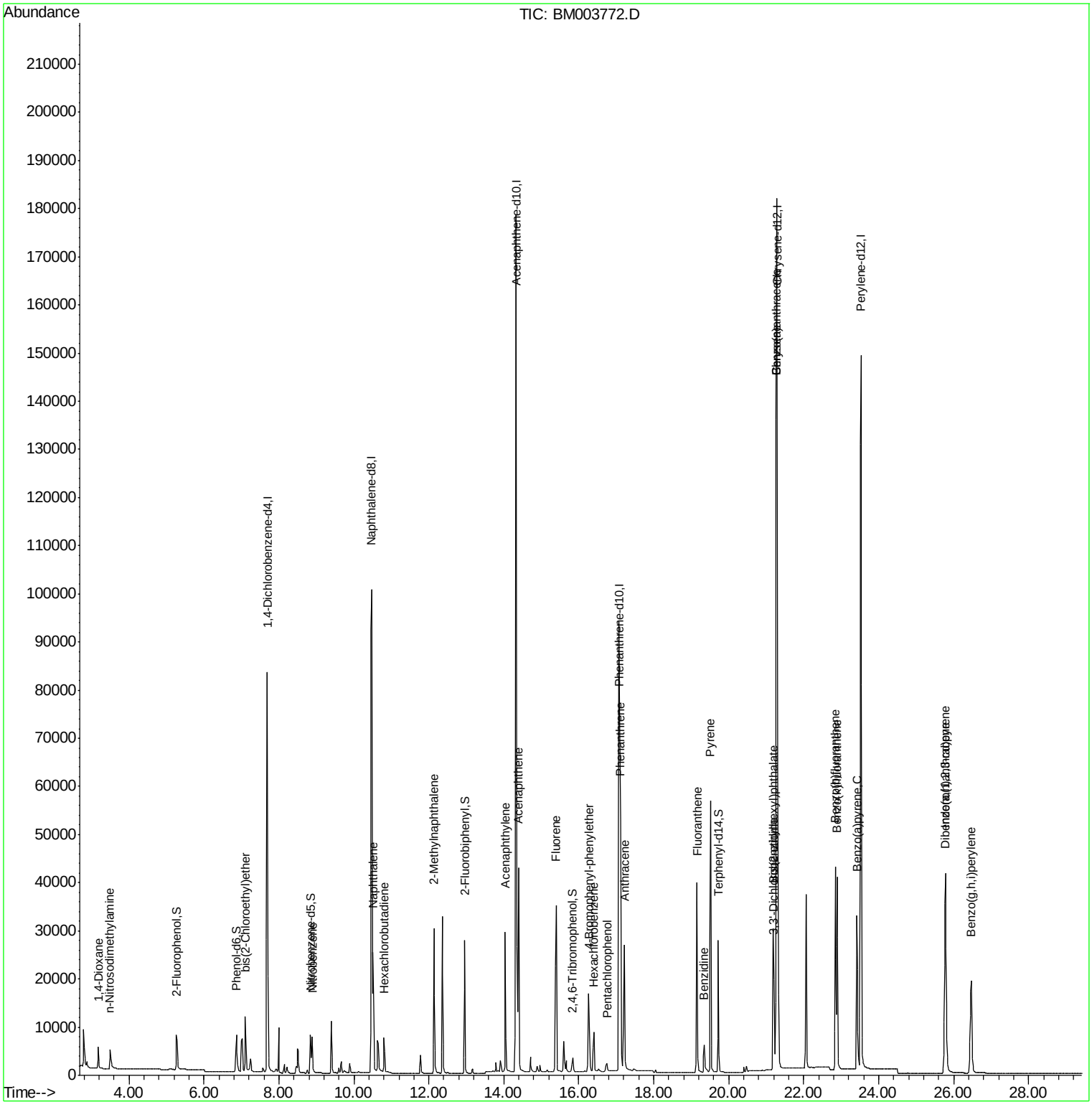
(#) = qualifier out of range (m) = manual integration (+) = signals summed

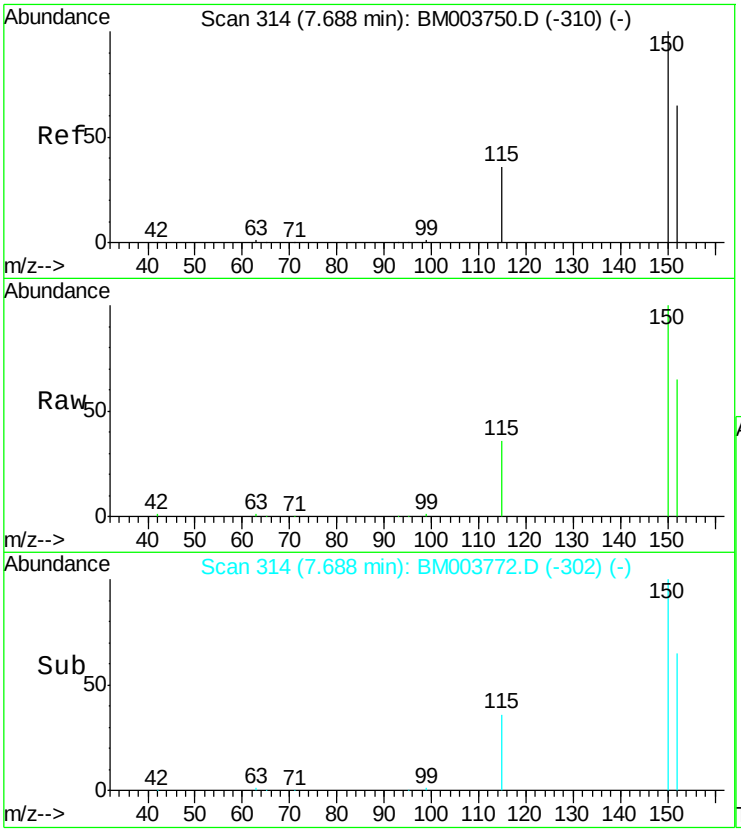
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003772.D
Acq On : 24 Dec 2015 10:49
Operator : UM/SJ
Sample : SSTDCCC001
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 24 14:58:24 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 10:08:49 2015
Response via : Initial Calibration



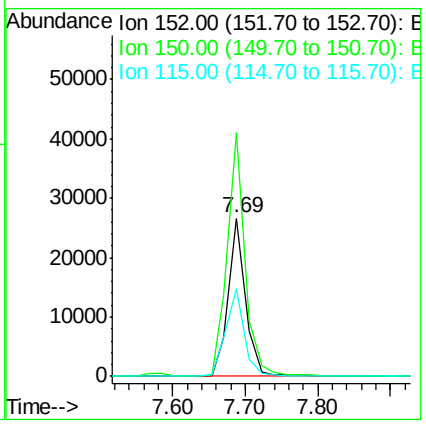


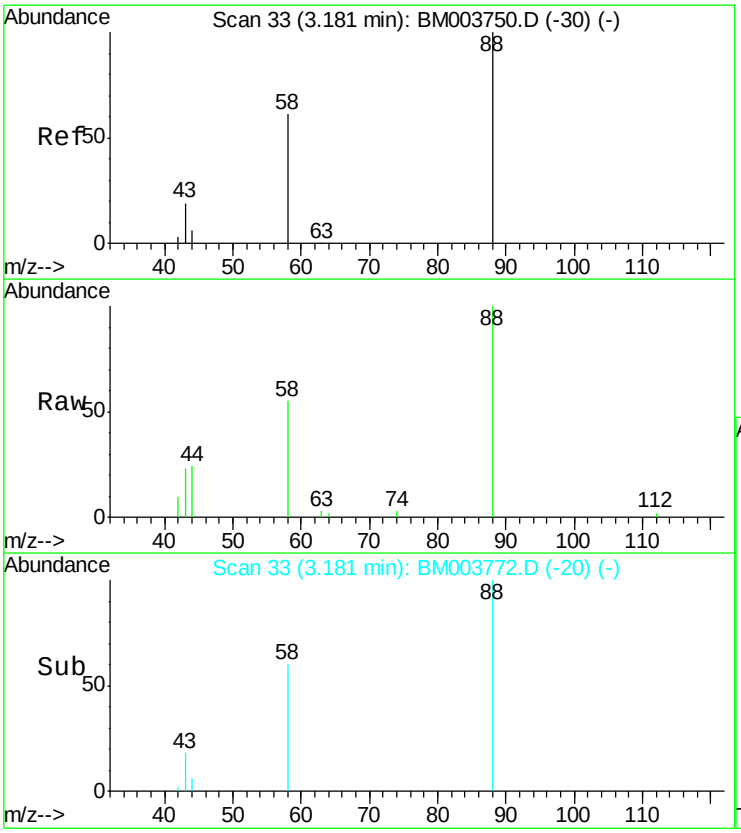
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 43354

Ion	Ratio	Lower	Upper
152	100		
150	153.9	122.9	184.3
115	55.1	44.4	66.6

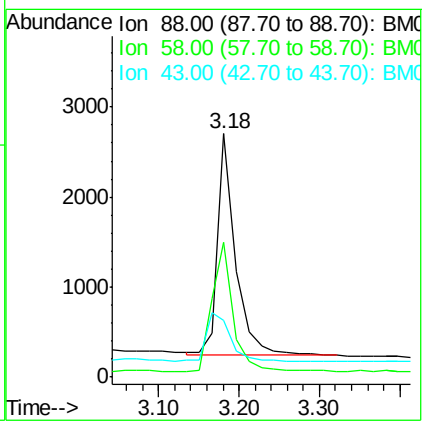


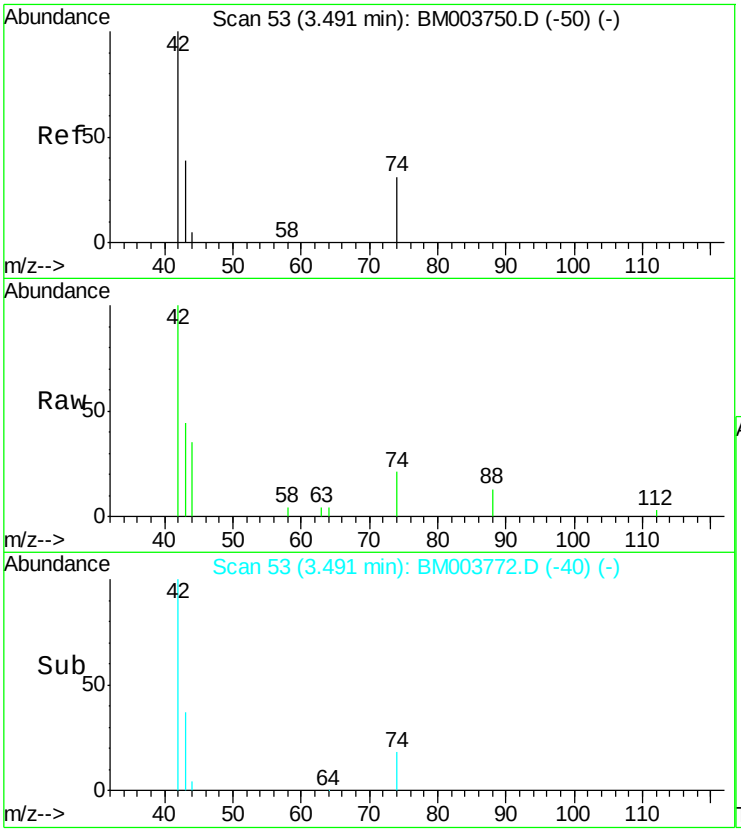


#2
1,4-Dioxane
Concen: 0.91 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Tgt Ion: 88 Resp: 3825

Ion	Ratio	Lower	Upper
88	100		
58	68.1	53.8	80.6
43	30.0	23.8	35.6



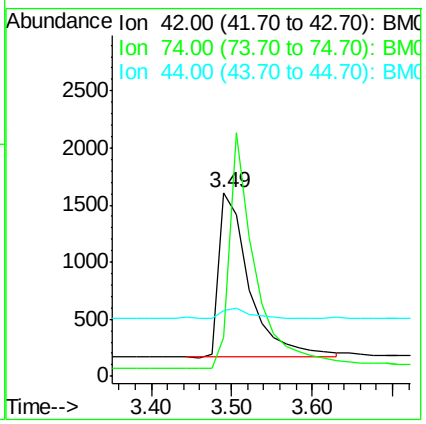


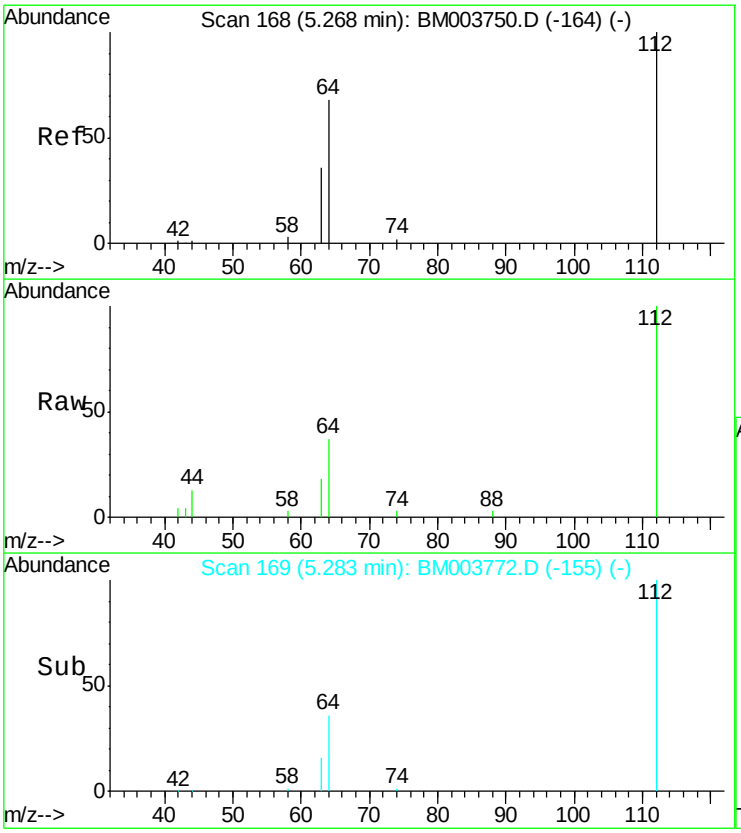
#3
n-Nitrosodimethylamine
Concen: 0.83 ng
RT: 3.49 min Scan# 53
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 42 Resp: 3823

Ion	Ratio	Lower	Upper
42	100		
74	119.2	95.0	142.4
44	6.2	5.1	7.7

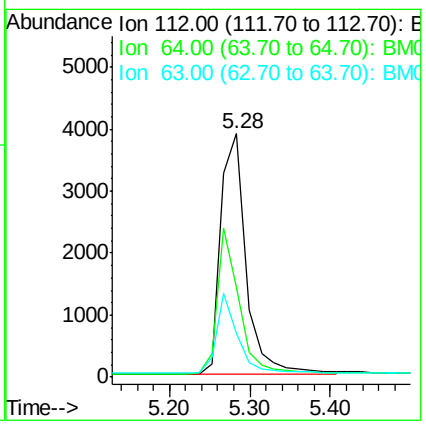


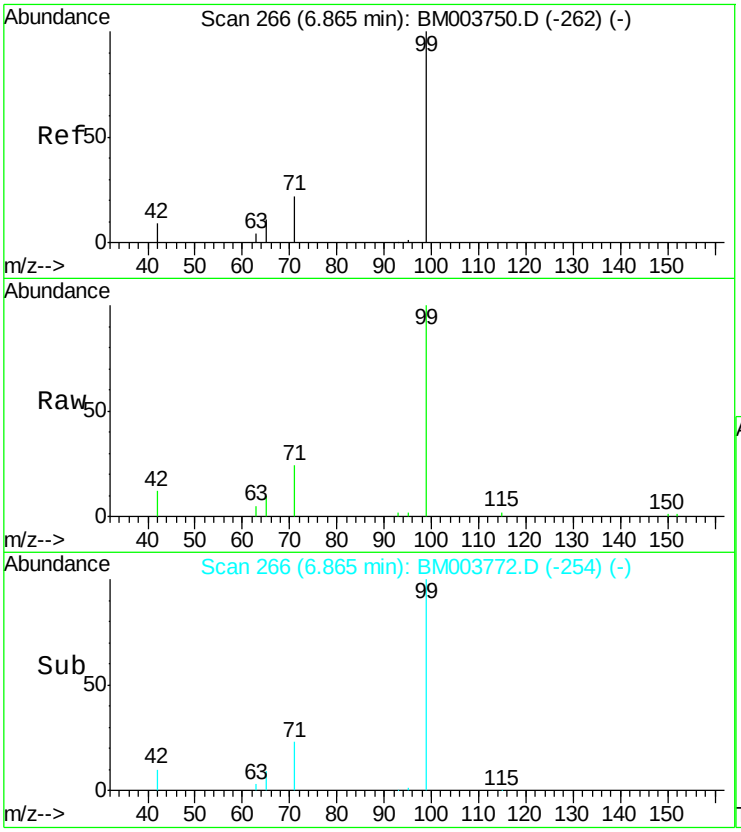


#4
2-Fluorophenol
Concen: 0.83 ng
RT: 5.28 min Scan# 169
Delta R.T. 0.02 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Tgt Ion:112 Resp: 8493

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



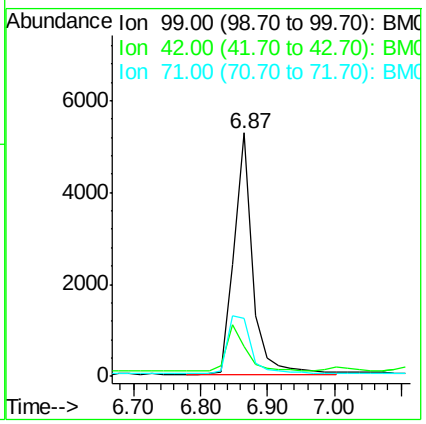


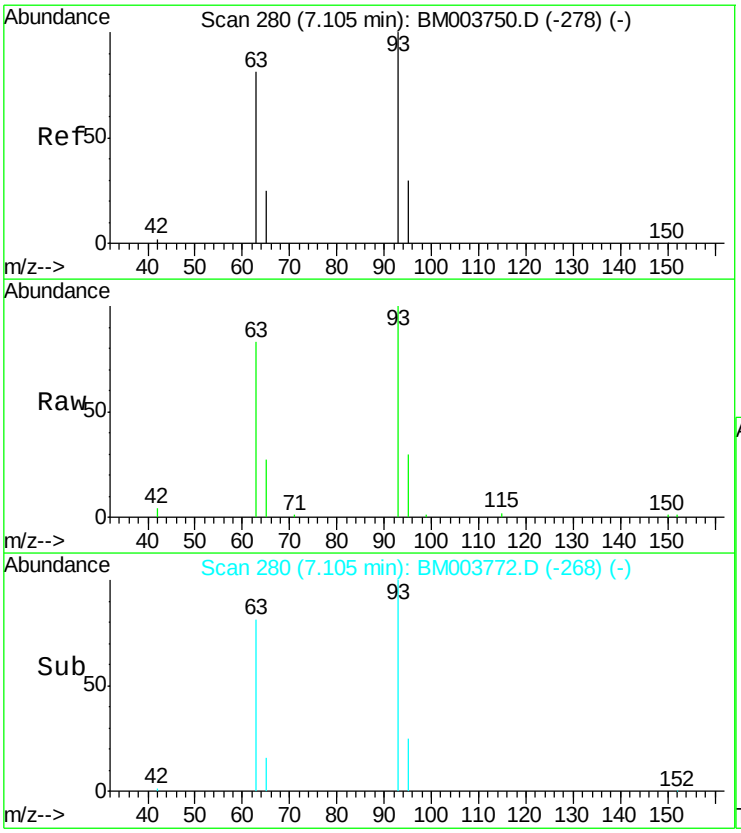
#5
Phenol-d6
Concen: 0.81 ng
RT: 6.87 min Scan# 266
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 10126

Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.2	24.2
71	30.7	24.4	36.6

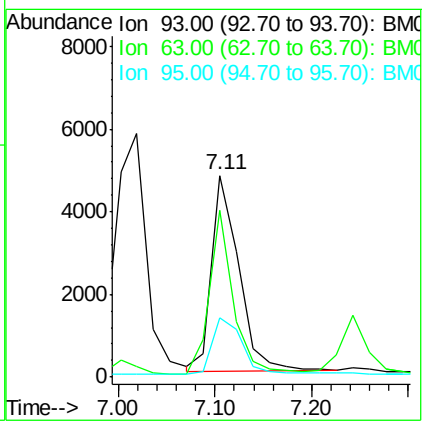


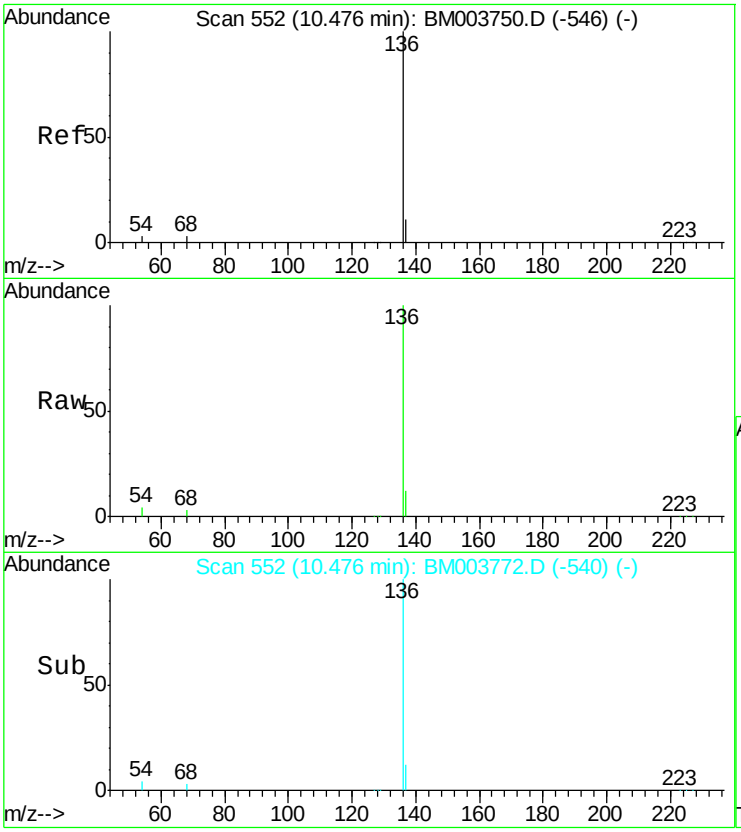


#6
bis(2-Chloroethyl)ether
Concen: 0.83 ng
RT: 7.11 min Scan# 280
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Tgt Ion: 93 Resp: 9272

Ion	Ratio	Lower	Upper
93	100		
63	73.0	58.3	87.5
95	33.5	25.8	38.8



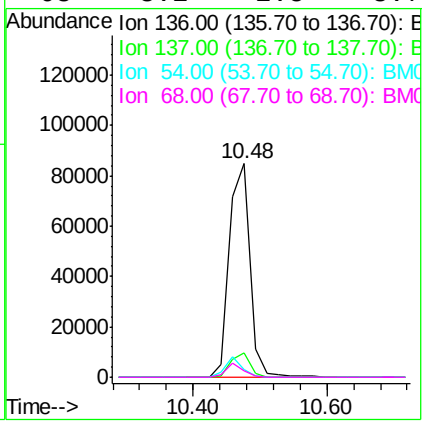


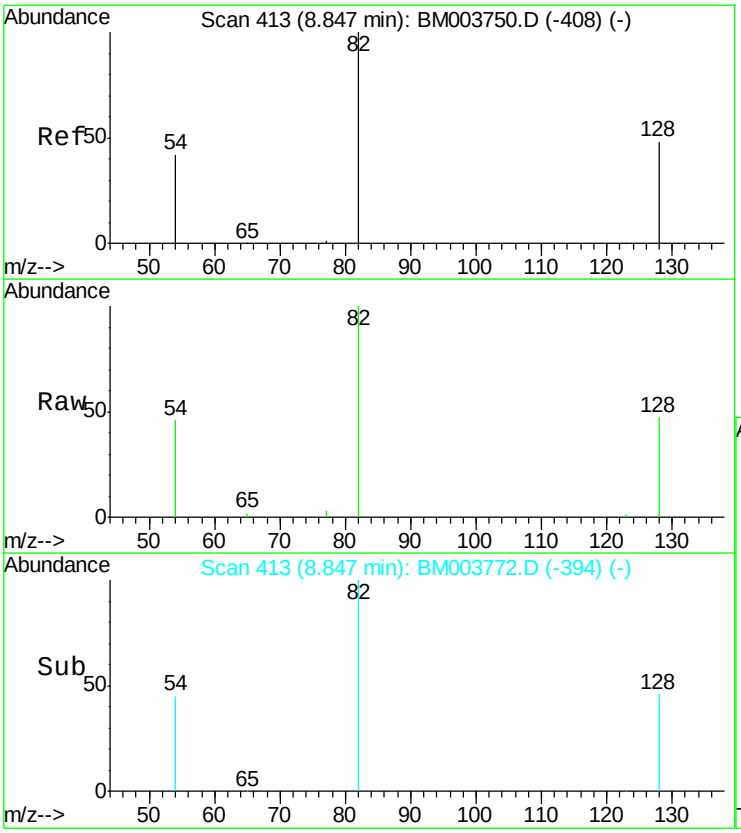
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.48 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 180812

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	3.6	2.8	4.2
68	3.2	2.5	3.7

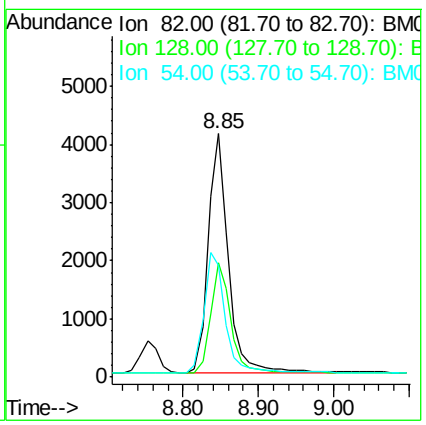


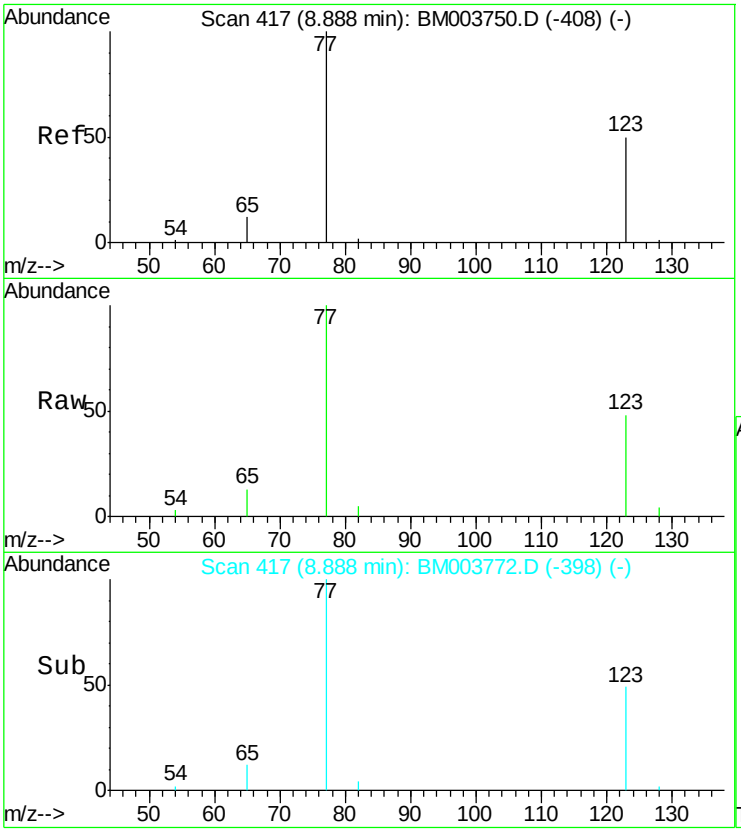


#8
Nitrobenzene-d5
Concen: 0.81 ng
RT: 8.85 min Scan# 413
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Tgt Ion: 82 Resp: 7727

Ion	Ratio	Lower	Upper
82	100		
128	46.8	39.1	58.7
54	46.2	34.8	52.2



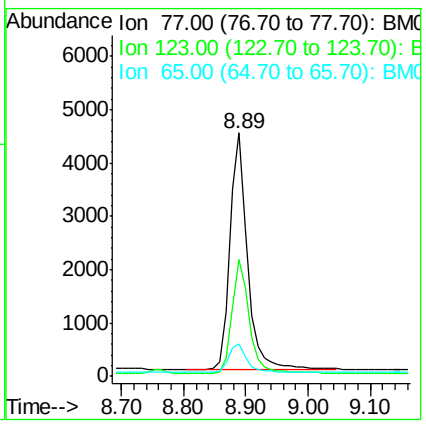


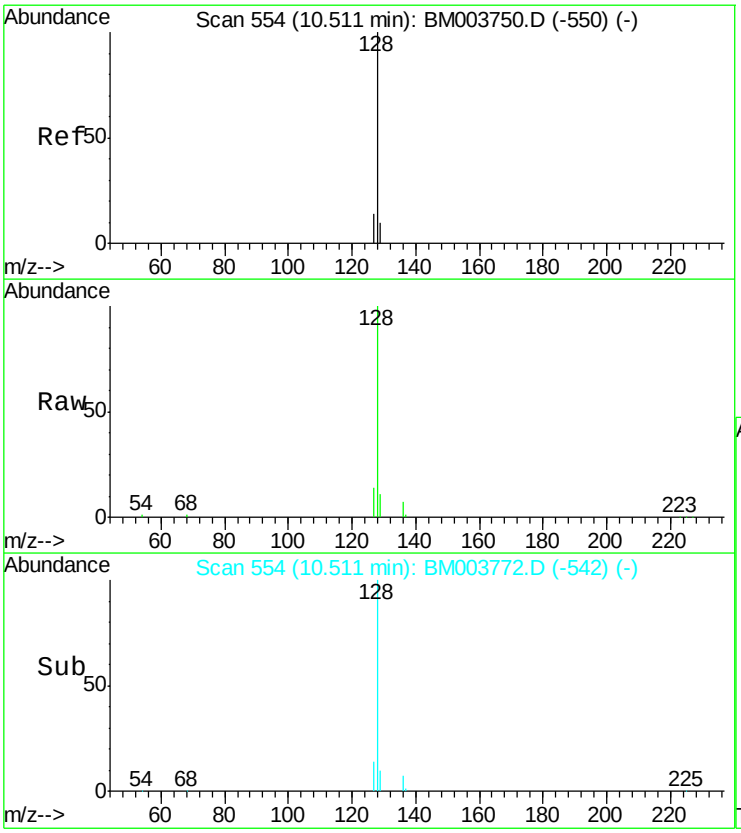
#9
Nitrobenzene
Concen: 0.80 ng
RT: 8.89 min Scan# 417
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 8733

Ion	Ratio	Lower	Upper
77	100		
123	48.3	38.6	57.8
65	12.8	9.9	14.9

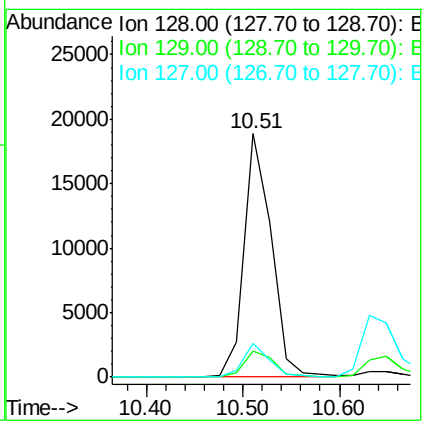


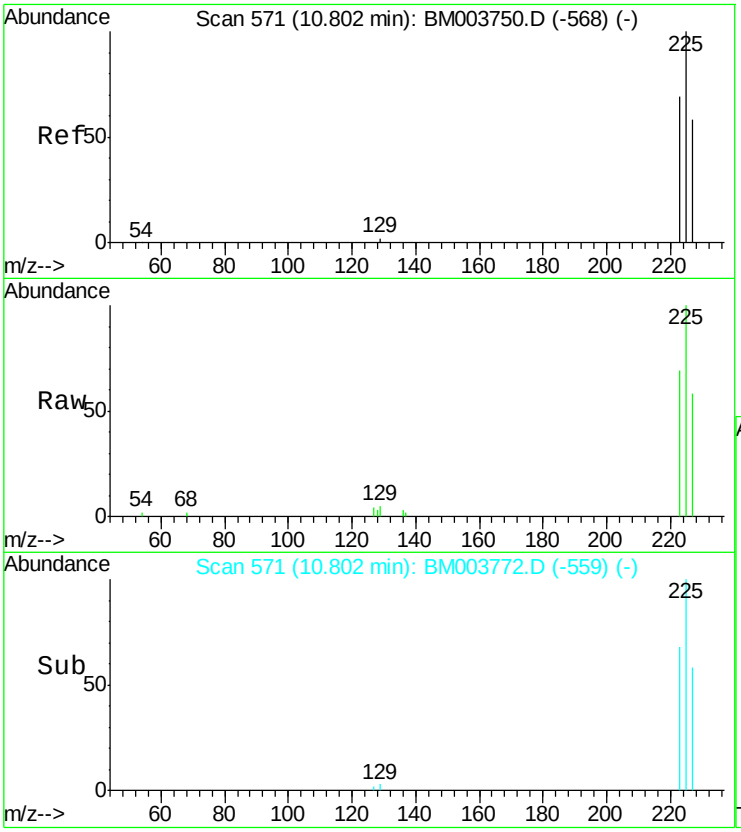


#10
Naphthalene
Concen: 0.88 ng
RT: 10.51 min Scan# 554
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Tgt Ion:128 Resp: 36339

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.5	12.7
127	13.9	11.0	16.4



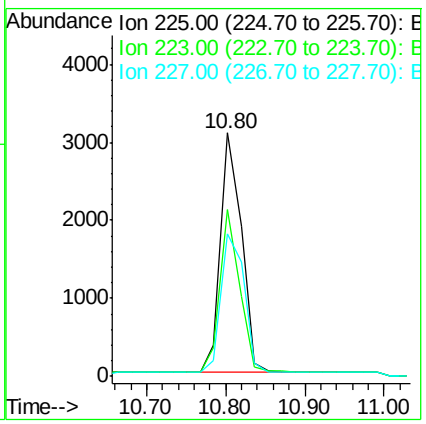


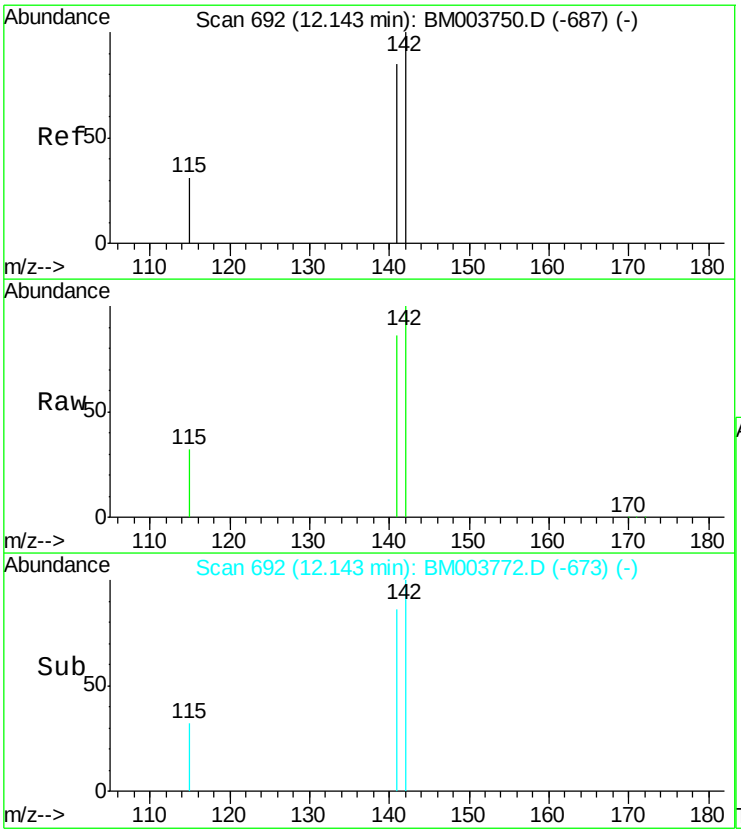
#11
Hexachlorobutadiene
Concen: 0.88 ng
RT: 10.80 min Scan# 571
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:225 Resp: 5635

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.9	76.3
227	63.9	51.2	76.8

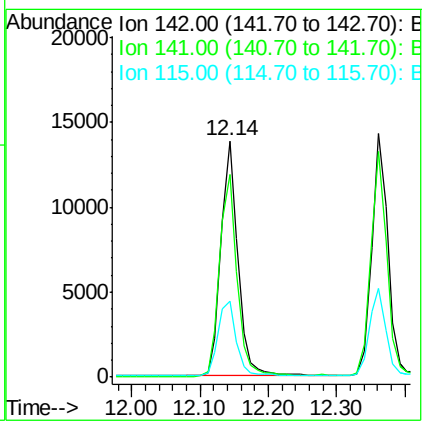


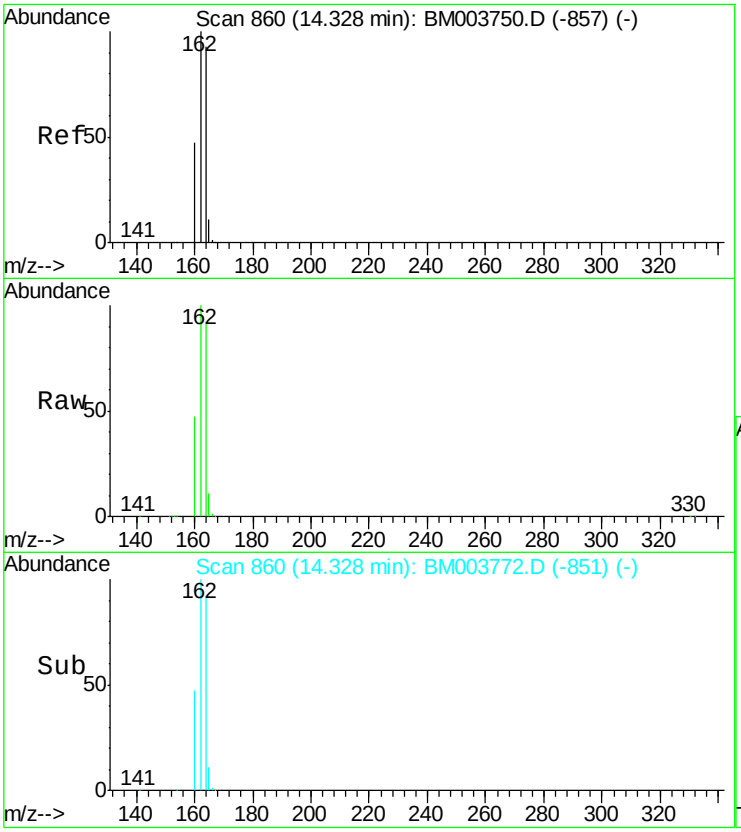


#12
2-Methylnaphthalene
Concen: 0.87 ng
RT: 12.14 min Scan# 692
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Tgt Ion:142 Resp: 23910

Ion	Ratio	Lower	Upper
142	100		
141	85.7	67.8	101.8
115	32.1	25.3	37.9



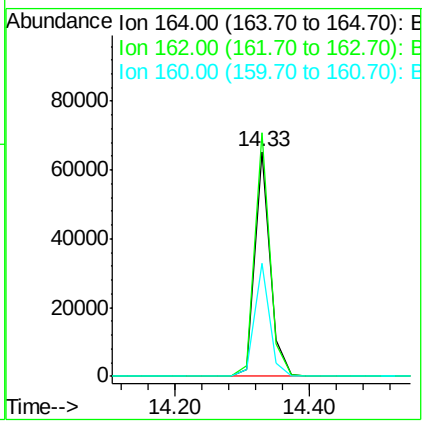


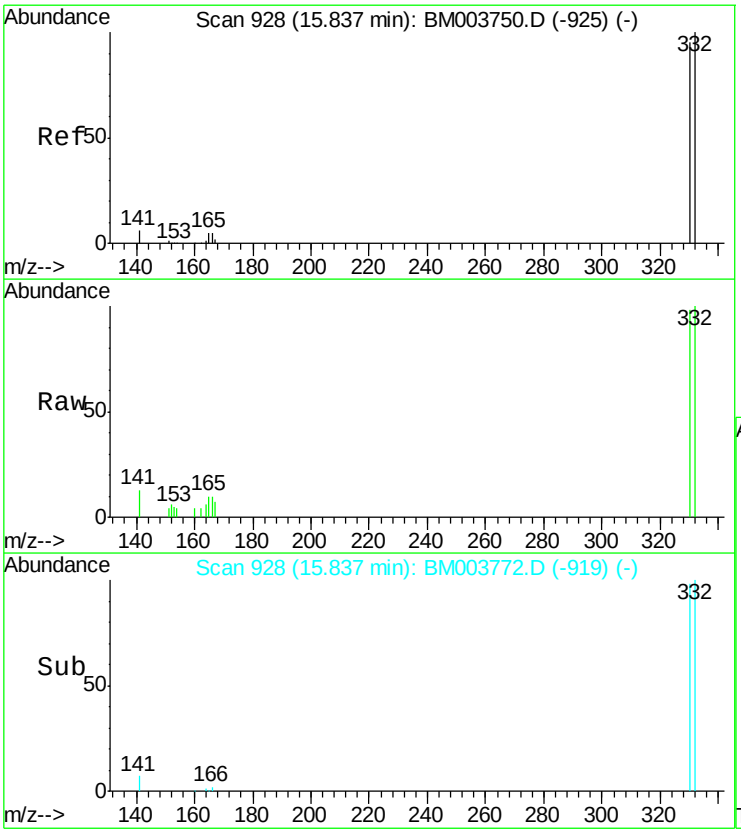
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.33 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 104498

Ion	Ratio	Lower	Upper
164	100		
162	108.2	86.0	129.0
160	50.5	40.3	60.5

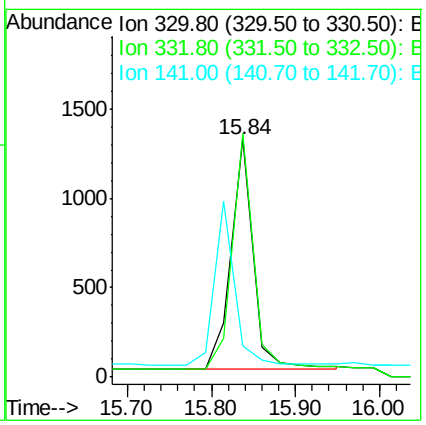


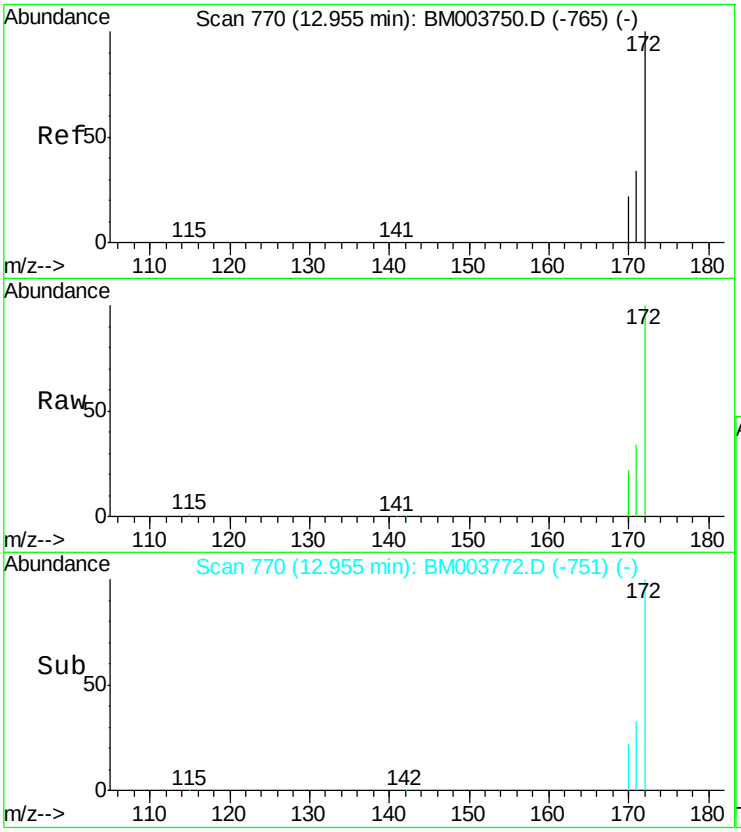


#14
2,4,6-Tribromophenol
Concen: 0.84 ng
RT: 15.84 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Tgt Ion:330 Resp: 2308

Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.0	118.4
141	0.0	0.0	0.0



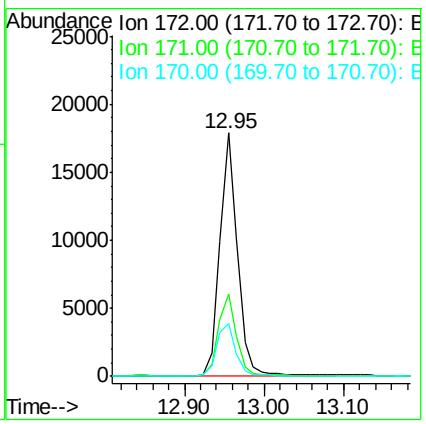


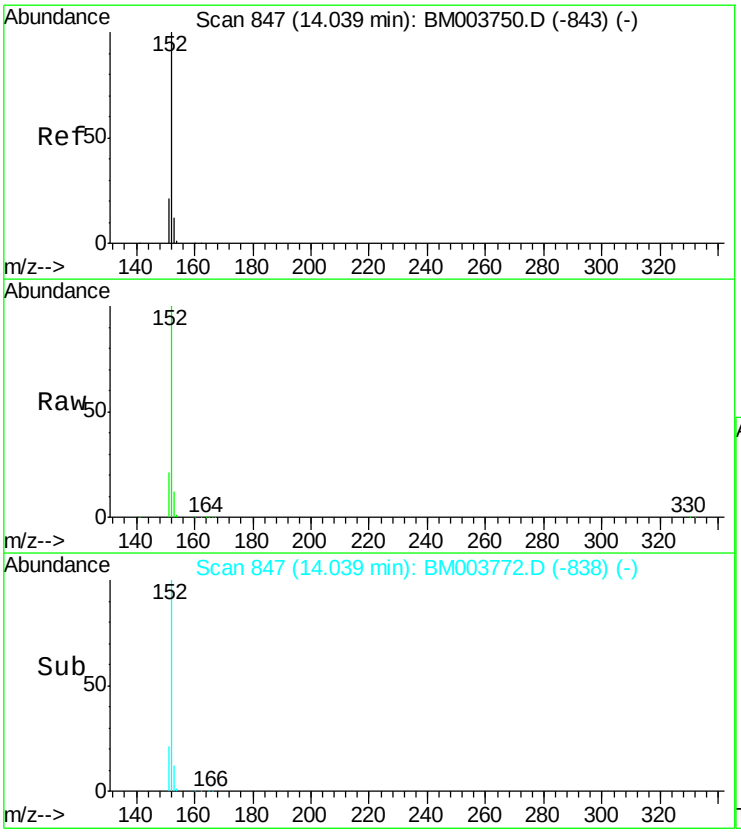
#15
2-Fluorobiphenyl
Concen: 0.85 ng
RT: 12.95 min Scan# 770
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 27226

Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.0	40.6
170	21.8	17.9	26.9

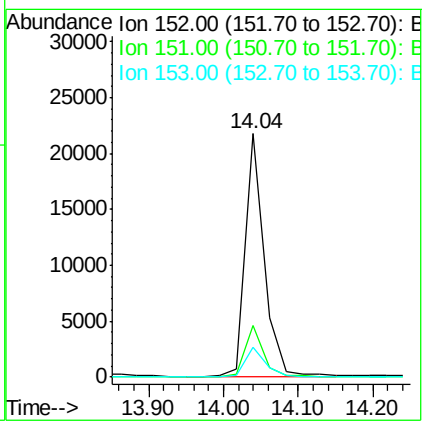


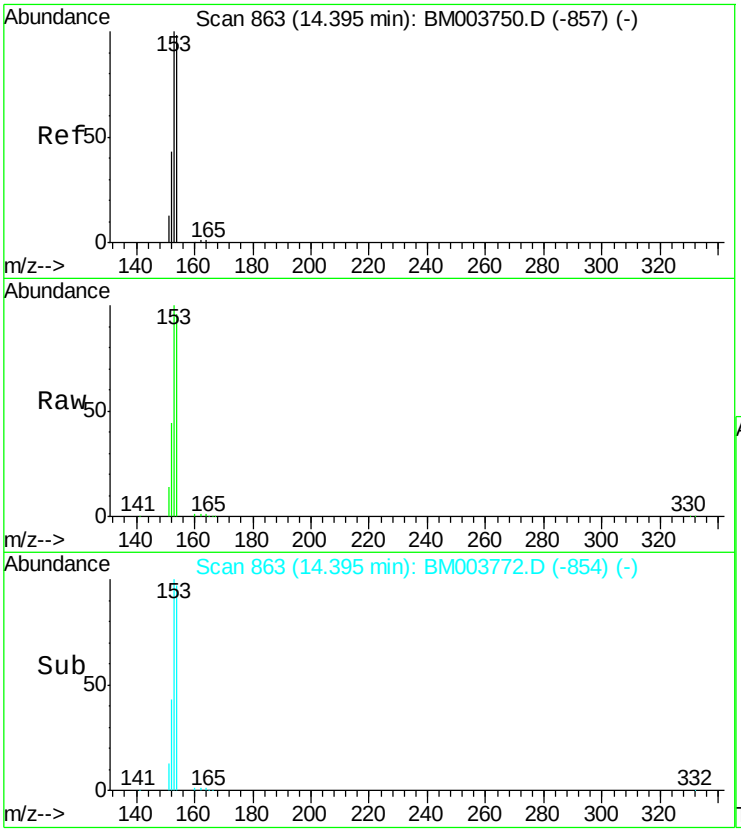


#16
Acenaphthylene
Concen: 0.80 ng
RT: 14.04 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Tgt Ion:152 Resp: 38017

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



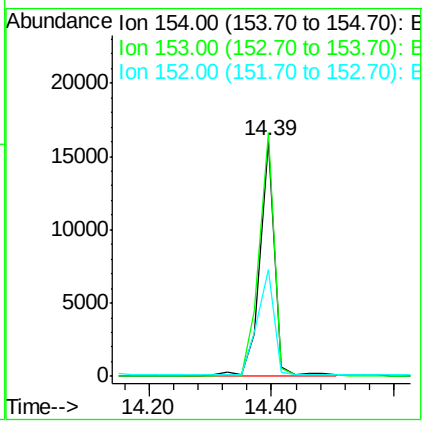


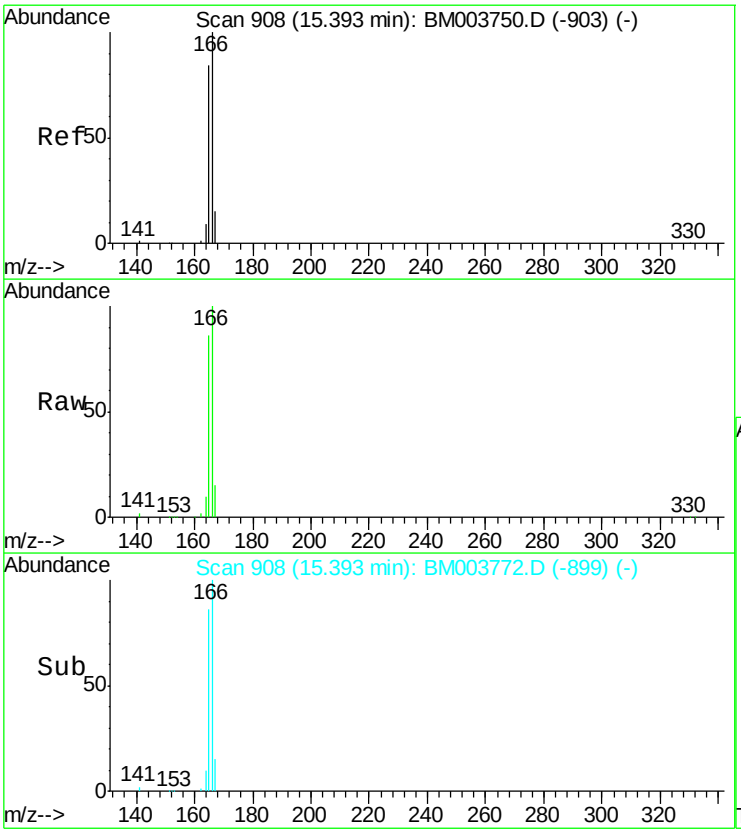
#17
Acenaphthene
Concen: 0.92 ng
RT: 14.39 min Scan# 863
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 26776

Ion	Ratio	Lower	Upper
154	100		
153	107.6	85.4	128.2
152	51.0	40.6	60.8

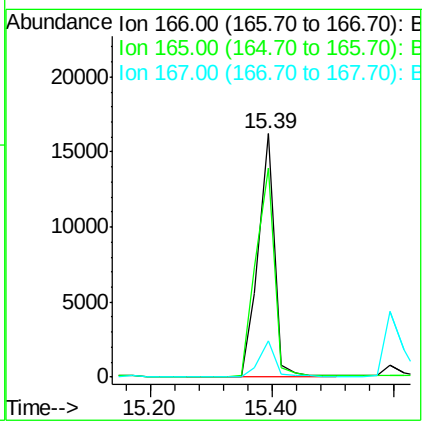


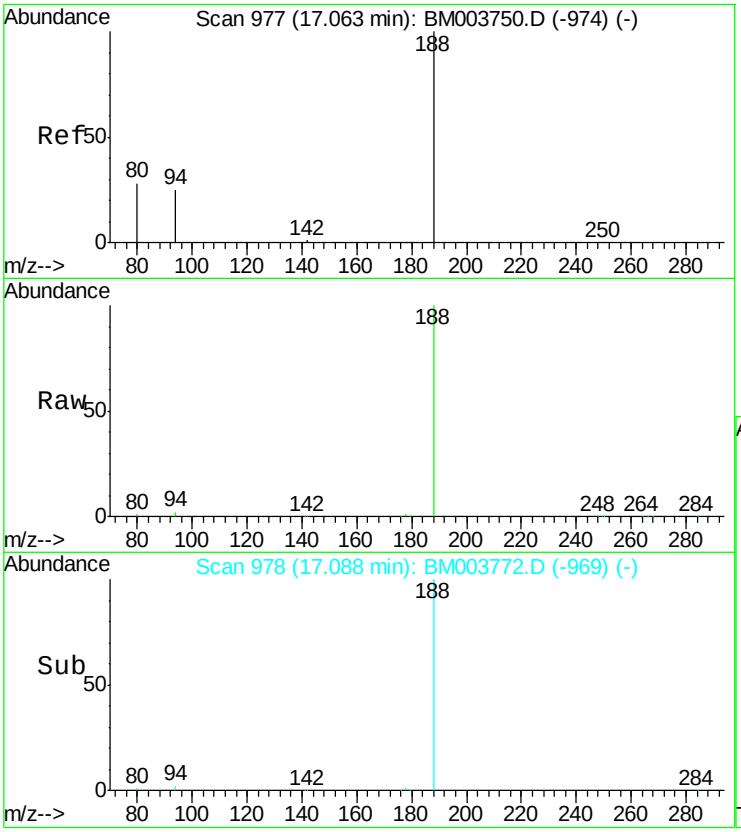


#18
Fluorene
Concen: 0.86 ng
RT: 15.39 min Scan# 908
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Tgt Ion:166 Resp: 30357

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.2	115.8
167	13.8	11.0	16.6



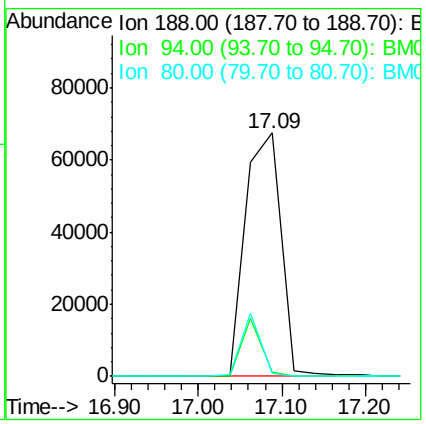


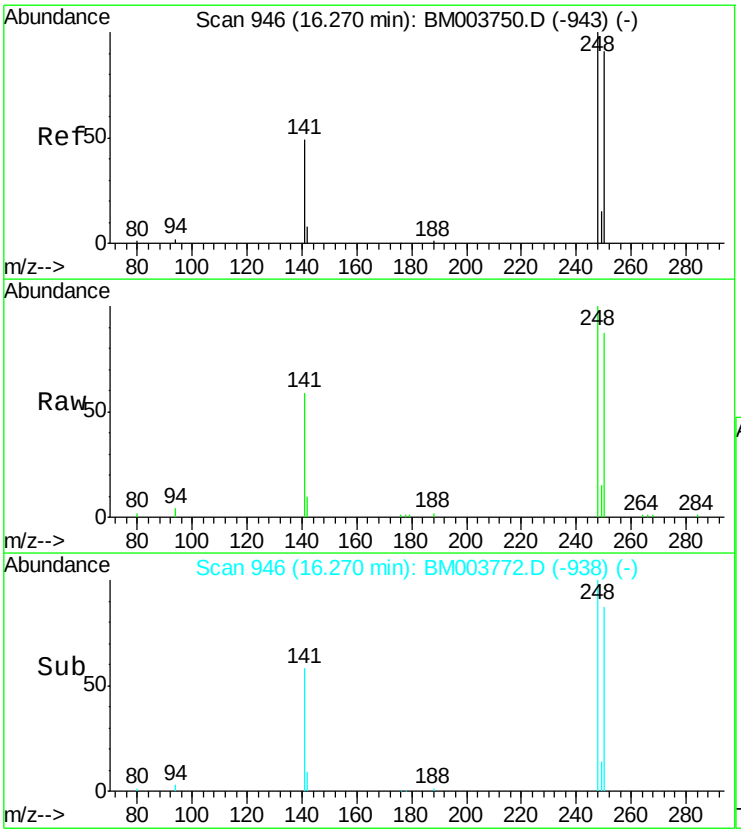
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 978
Delta R.T. 0.03 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 198956

Ion	Ratio	Lower	Upper
188	100		
94	1.9	20.3	30.5#
80	1.5	22.2	33.4#

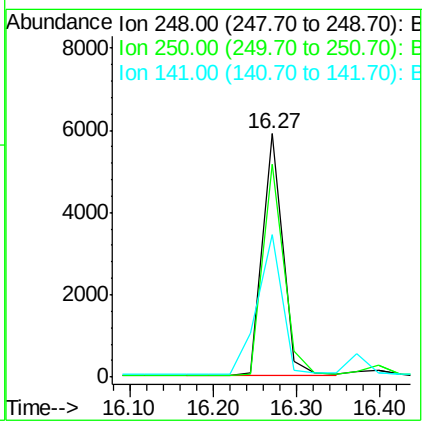


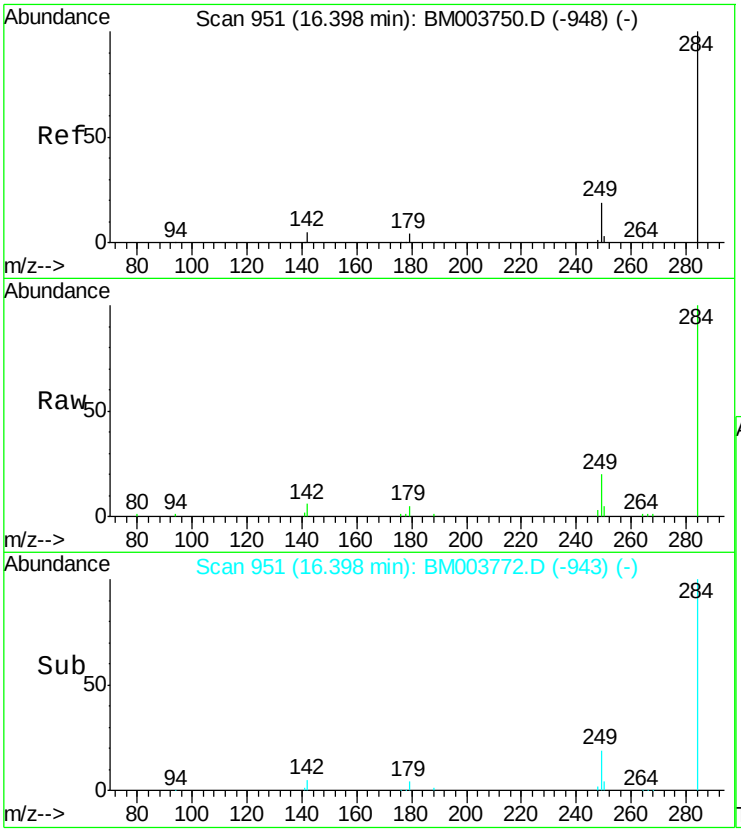


#20
4-Bromophenyl-phenylether
Concen: 1.13 ng
RT: 16.27 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Tgt Ion:248 Resp: 9775

Ion	Ratio	Lower	Upper
248	100		
250	91.0	75.0	112.4
141	72.2	53.0	79.4



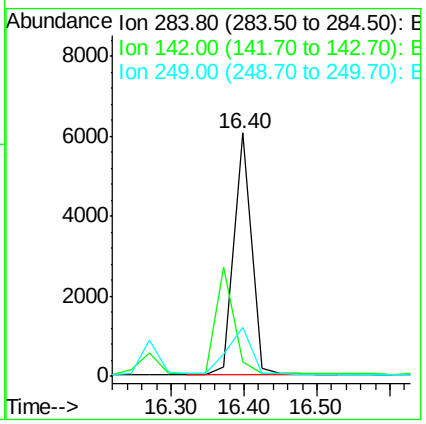


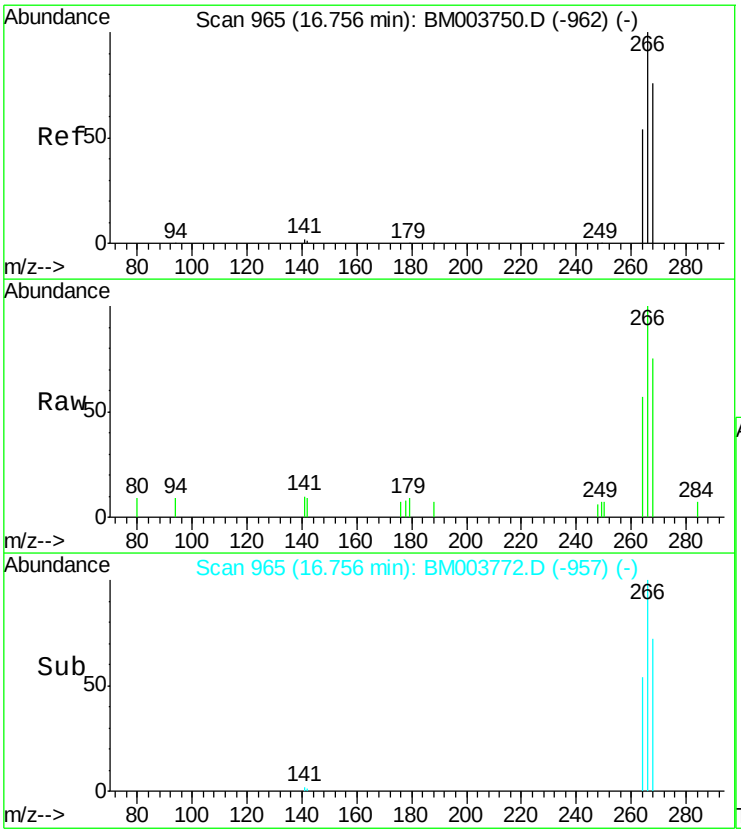
#21
Hexachlorobenzene
Concen: 1.19 ng
RT: 16.40 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 9790

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	26.5	21.5	32.3

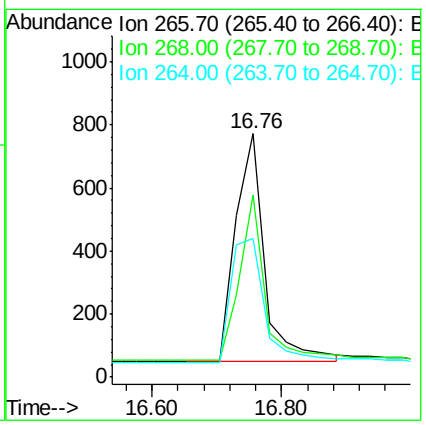


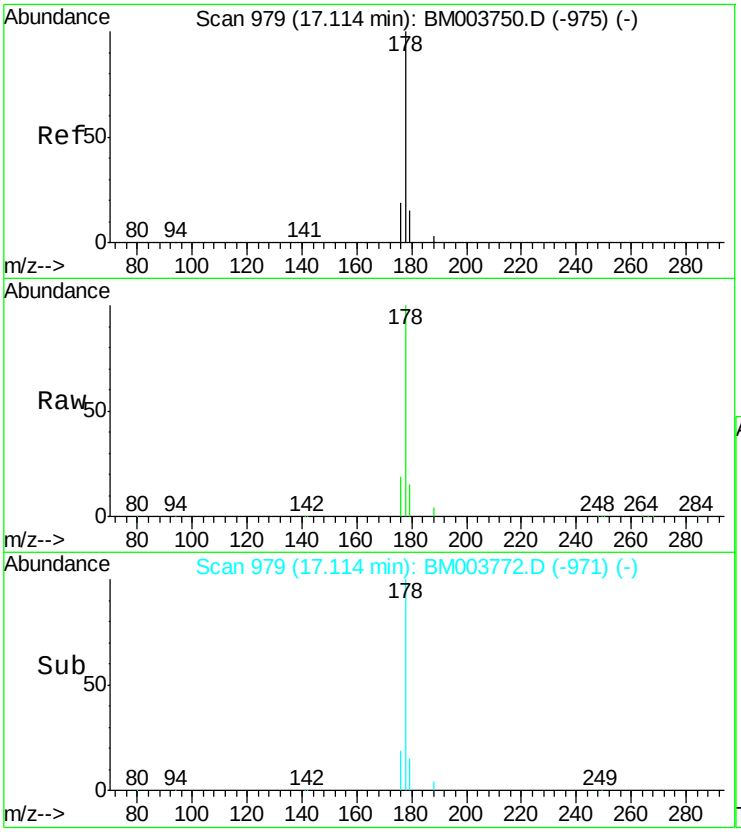


#22
Pentachlorophenol
Concen: 0.87 ng
RT: 16.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Tgt Ion:266 Resp: 2218

Ion	Ratio	Lower	Upper
266	100		
268	74.9	62.7	94.1
264	57.0	45.7	68.5



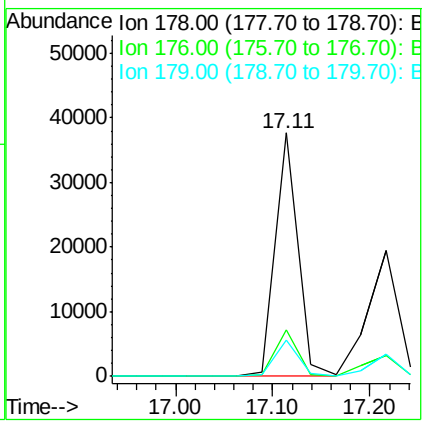


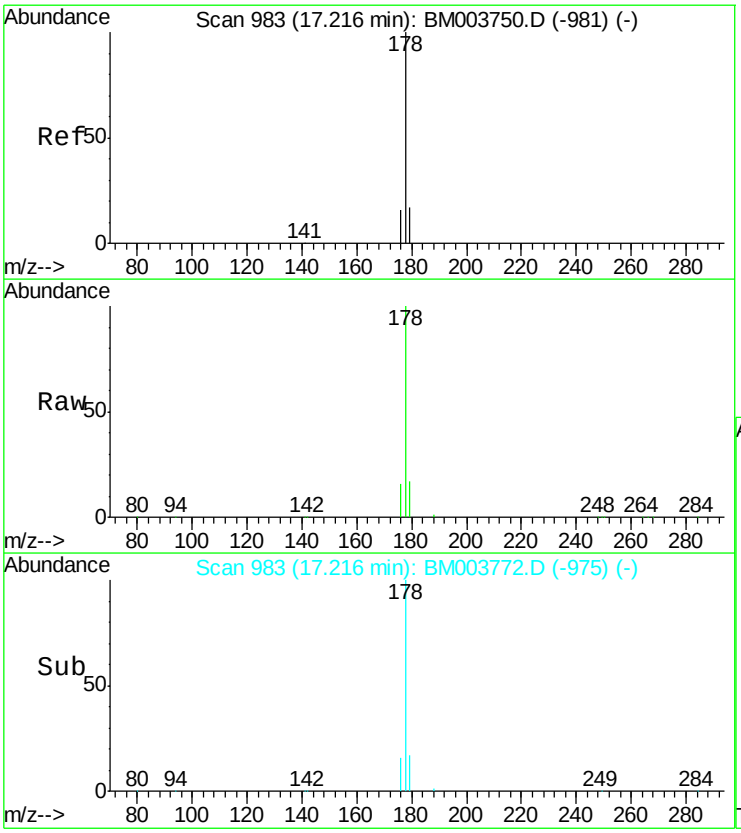
#23
Phenanthrene
Concen: 1.14 ng
RT: 17.11 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 61848

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

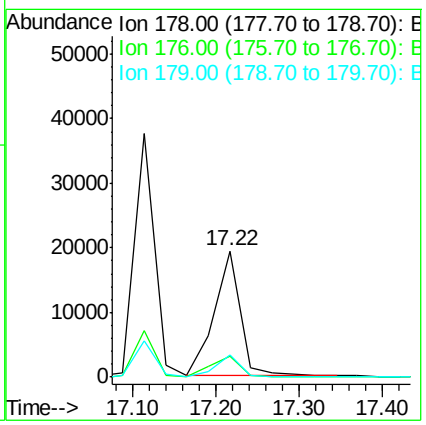


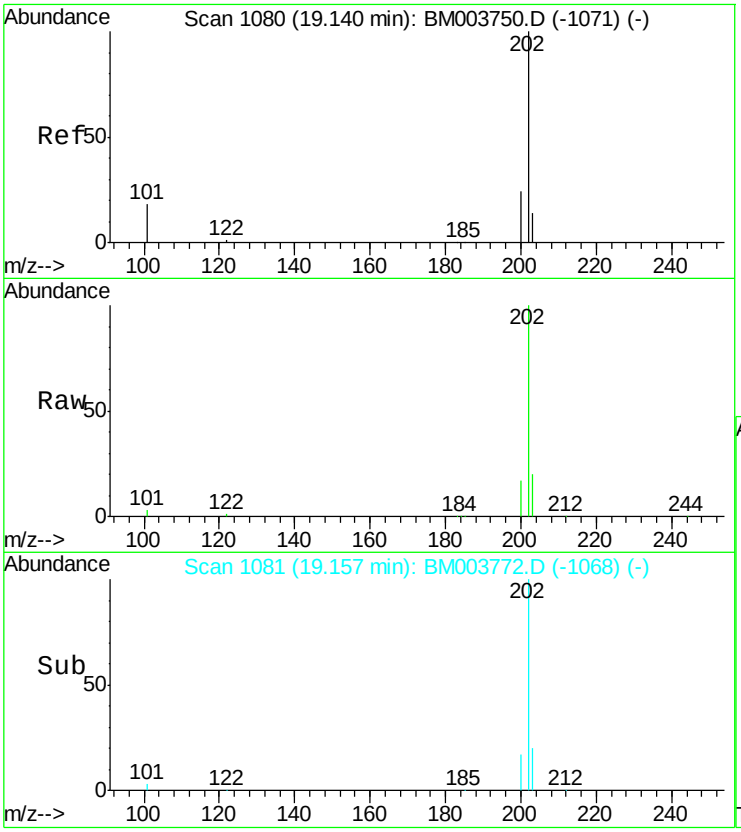


#24
Anthracene
Concen: 0.91 ng
RT: 17.22 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Tgt Ion:178 Resp: 42087

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



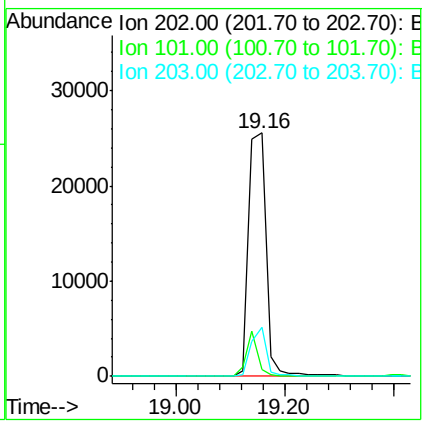


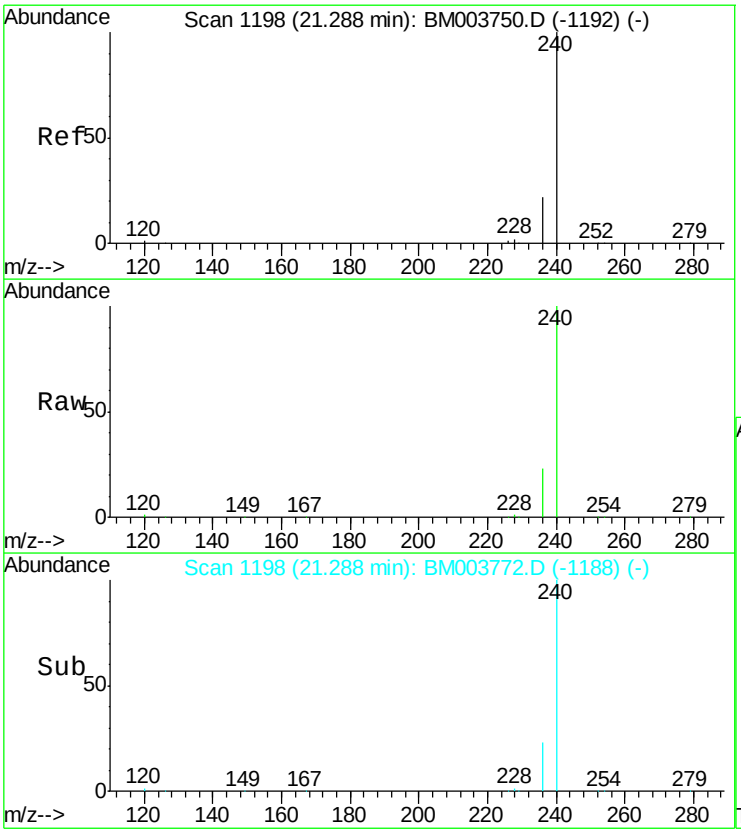
#25
Fluoranthene
Concen: 0.96 ng
RT: 19.16 min Scan# 1081
Delta R.T. 0.02 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 56061

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

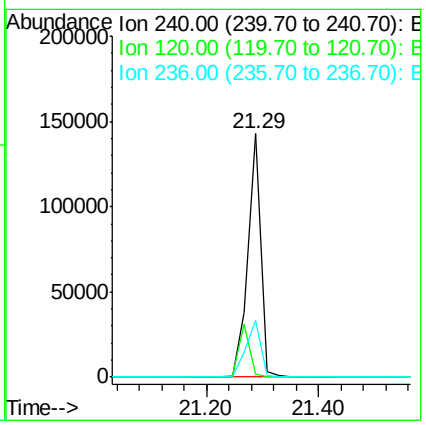


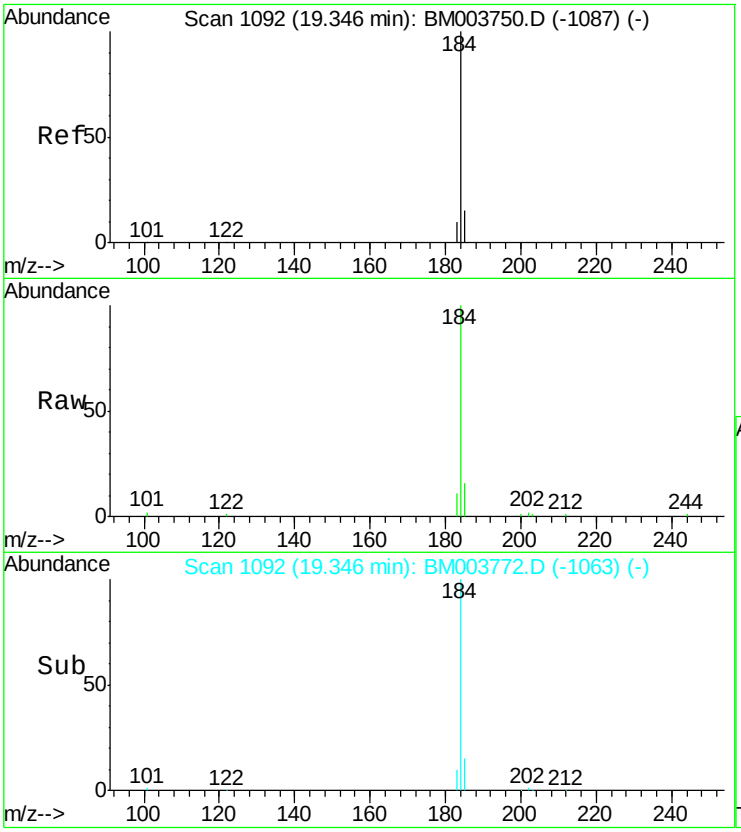


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Tgt Ion:240 Resp: 228245

Ion	Ratio	Lower	Upper
240	100		
120	1.5	0.9	1.3#
236	23.2	17.3	25.9



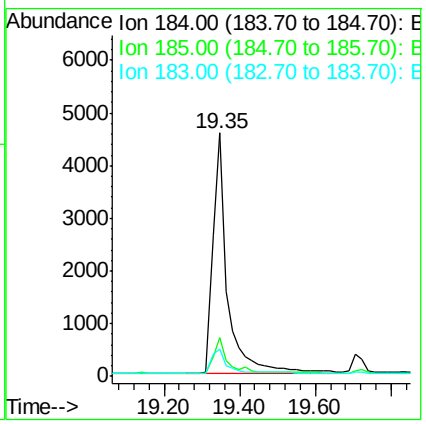


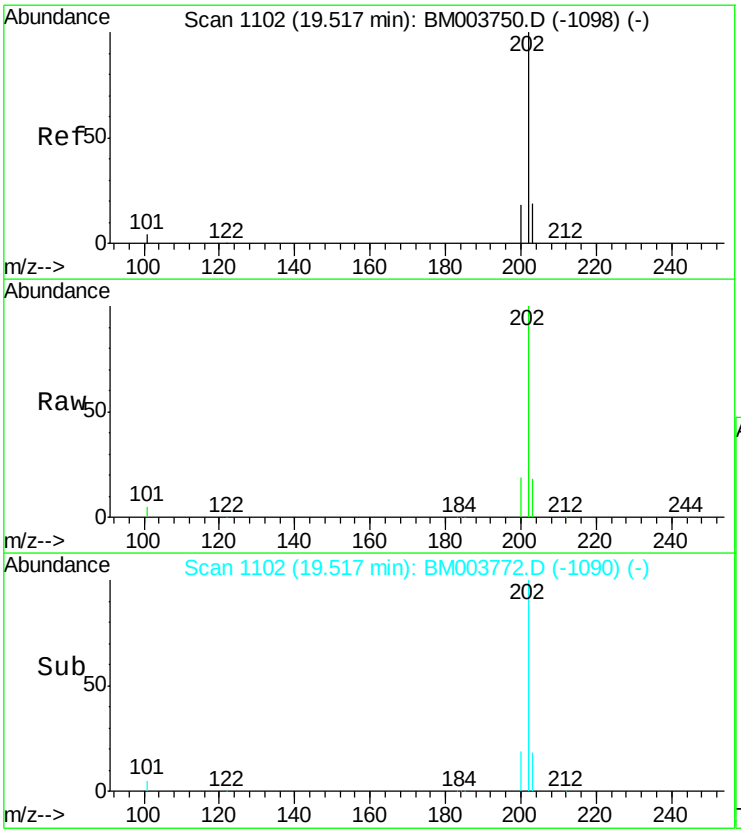
#27
Benzidine
Concen: 0.90 ng
RT: 19.35 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 12036

Ion	Ratio	Lower	Upper
184	100		
185	15.9	13.2	19.8
183	11.2	9.0	13.6

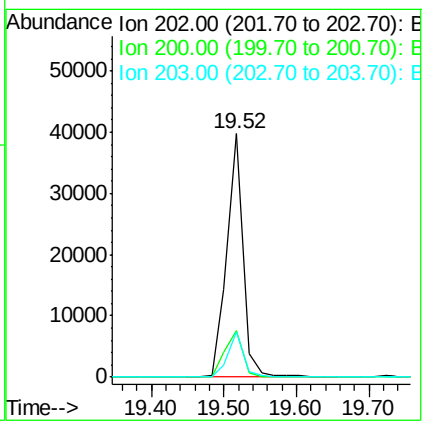


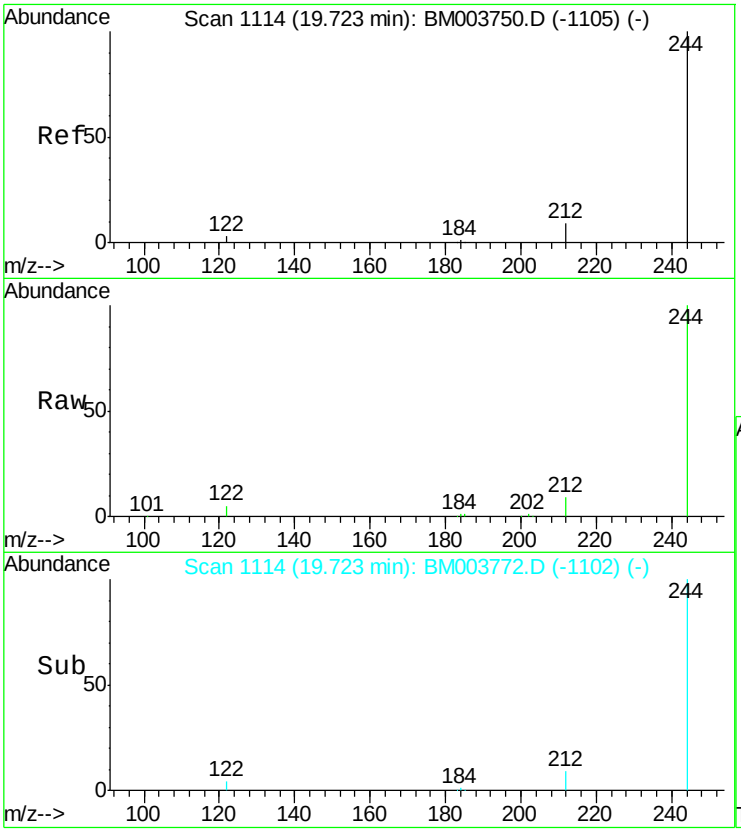


#28
Pyrene
Concen: 0.77 ng
RT: 19.52 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Tgt Ion:202 Resp: 60740

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.4	14.0	21.0



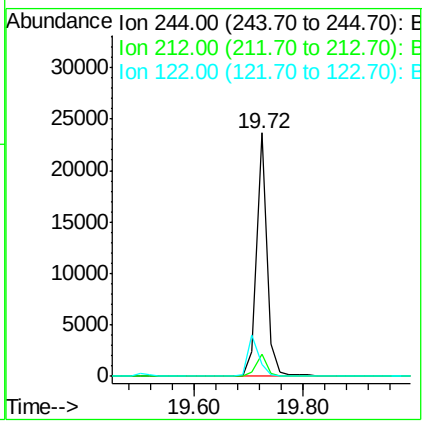


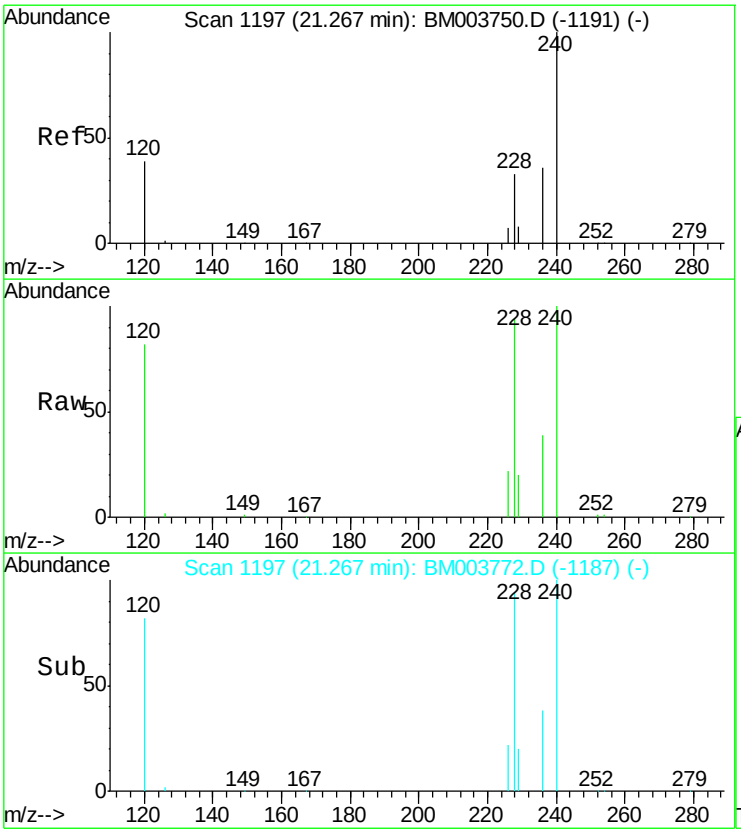
#29
Terphenyl-d14
Concen: 0.79 ng
RT: 19.72 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 30672

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	5.1	3.0	4.6#

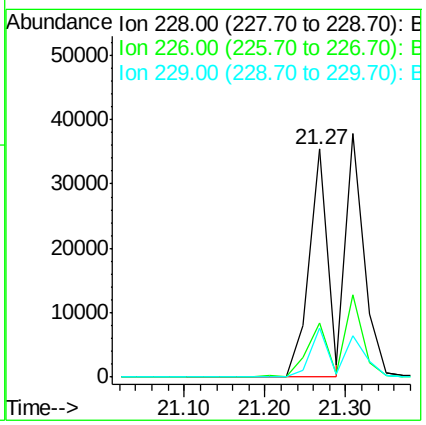


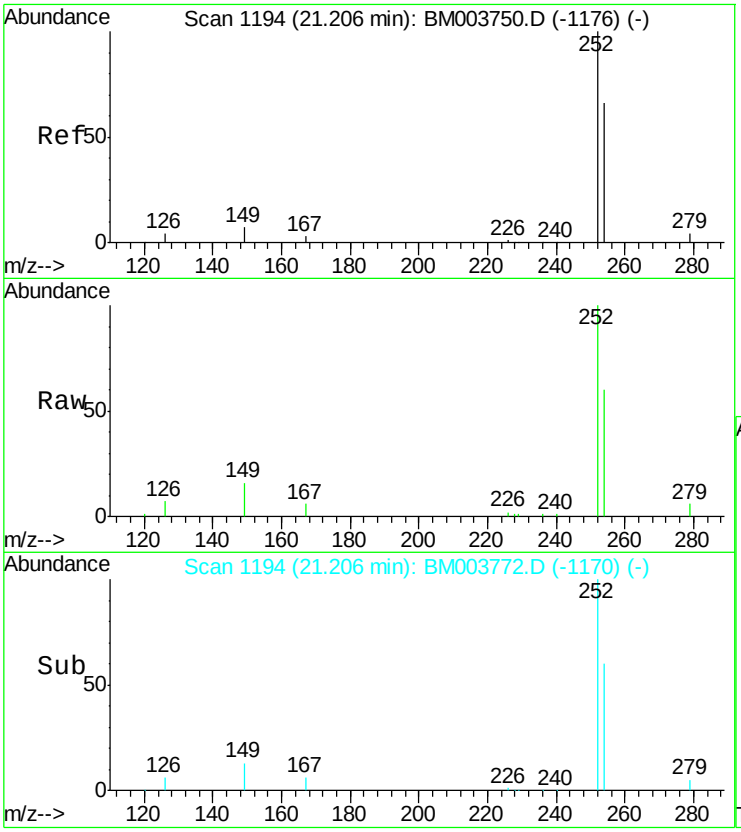


#30
Benzo(a)anthracene
Concen: 0.81 ng
RT: 21.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Tgt Ion:228 Resp: 55481

Ion	Ratio	Lower	Upper
228	100		
226	23.6	17.2	25.8
229	21.4	18.7	28.1



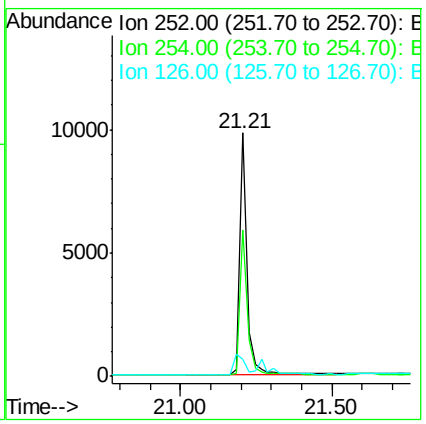


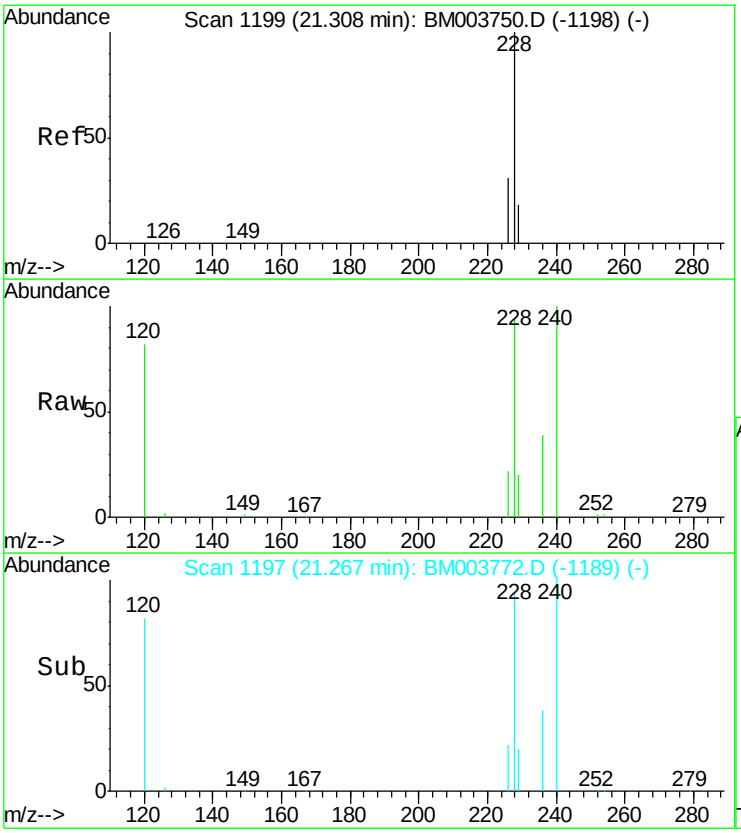
#31
3,3'-Dichlorobenzidine
Concen: 0.89 ng
RT: 21.21 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 15934

Ion	Ratio	Lower	Upper
252	100		
254	60.1	52.6	79.0
126	7.1	3.7	5.5#

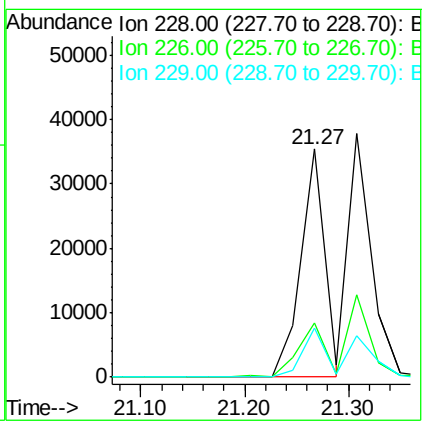


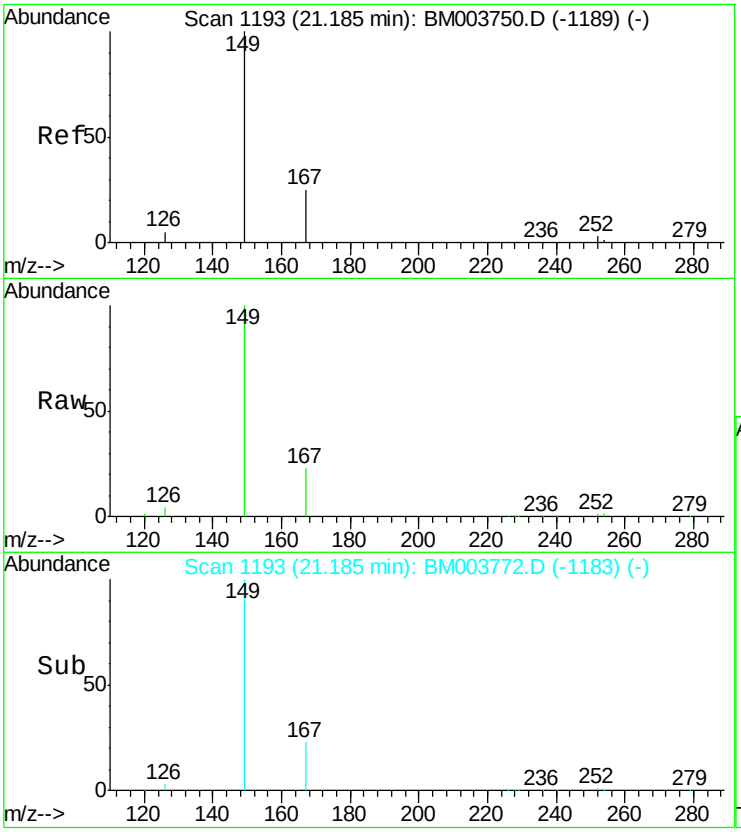


#32
Chrysene
Concen: 0.77 ng
RT: 21.27 min Scan# 1197
Delta R.T. -0.04 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Tgt Ion:228 Resp: 55480

Ion	Ratio	Lower	Upper
228	100		
226	23.6	25.3	37.9#
229	21.4	14.5	21.7



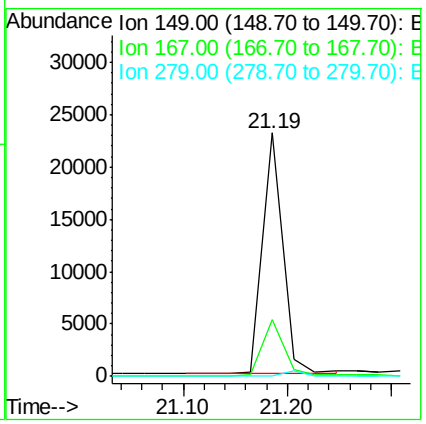


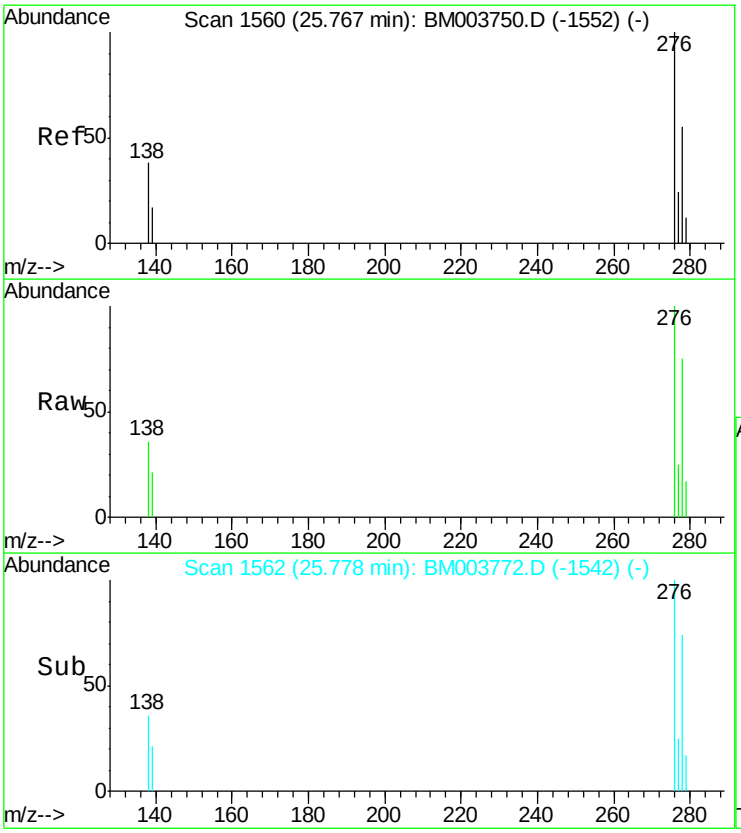
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.78 ng
RT: 21.19 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 30325

Ion	Ratio	Lower	Upper
149	100		
167	24.3	20.1	30.1
279	0.0	0.0	0.0

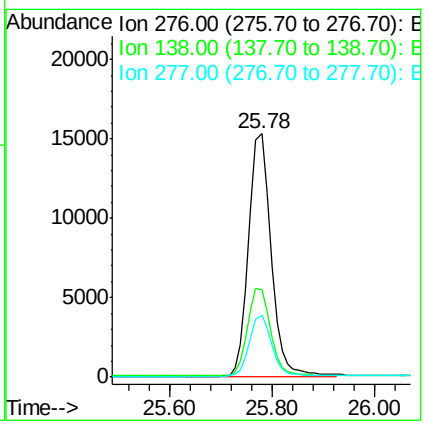


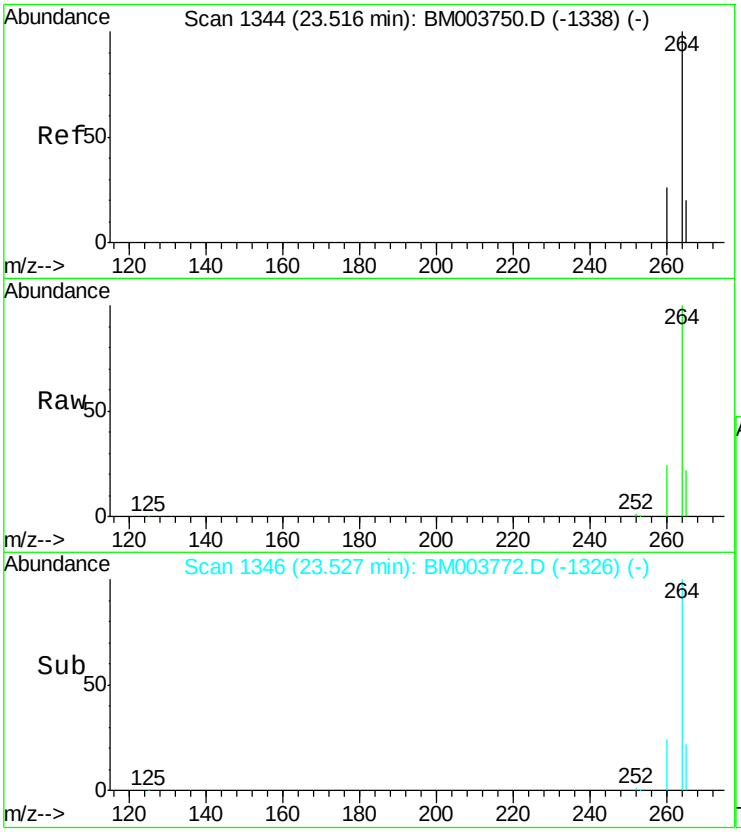


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.97 ng
RT: 25.78 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Tgt Ion:276 Resp: 46786

Ion	Ratio	Lower	Upper
276	100		
138	37.0	30.2	45.2
277	24.8	19.8	29.8



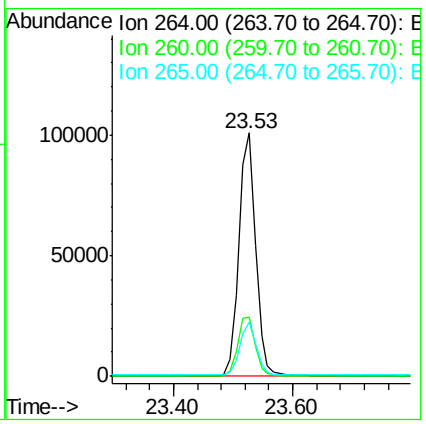


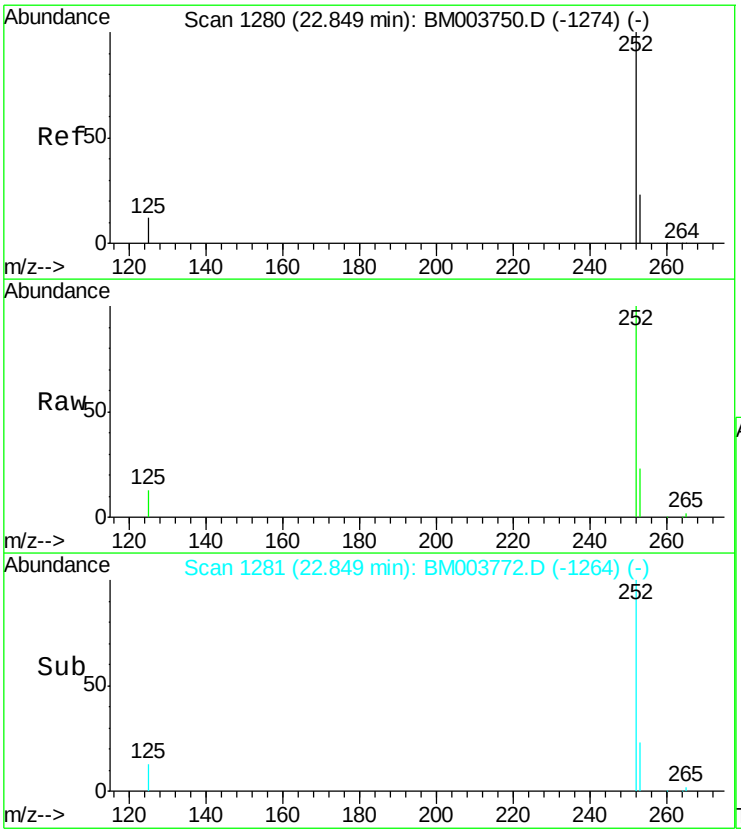
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.53 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 194987

Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.2	31.8
265	22.3	16.7	25.1

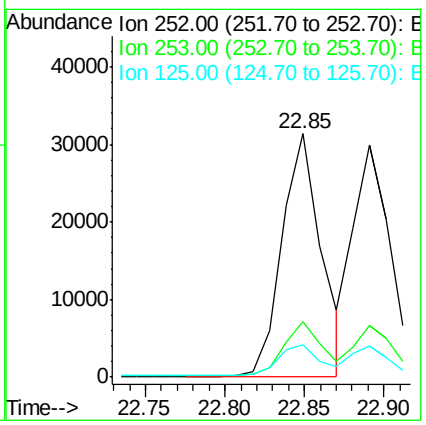


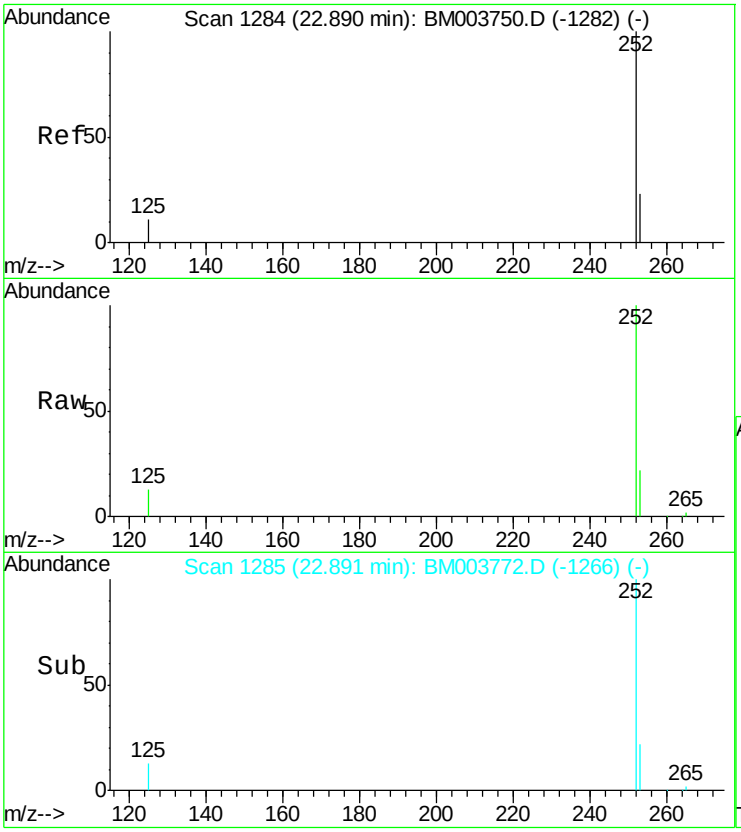


#36
Benzo(b)fluoranthene
Concen: 0.84 ng
RT: 22.85 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Tgt Ion:252 Resp: 53291

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



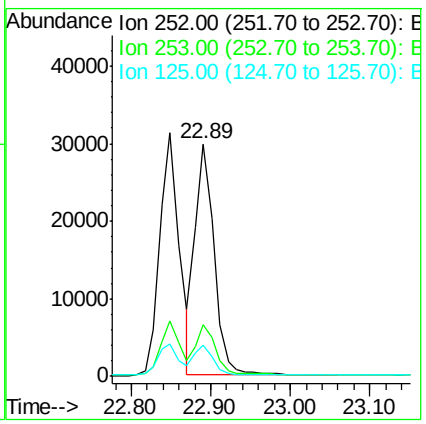


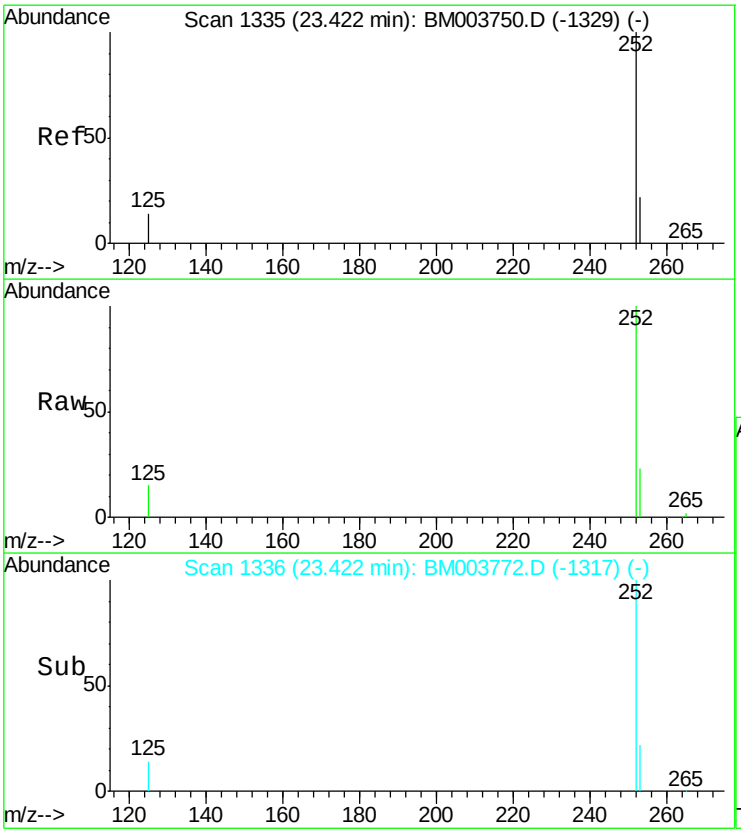
#37
Benzo(k)fluoranthene
Concen: 0.85 ng
RT: 22.89 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 49723

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.3	27.5
125	13.3	10.6	15.8

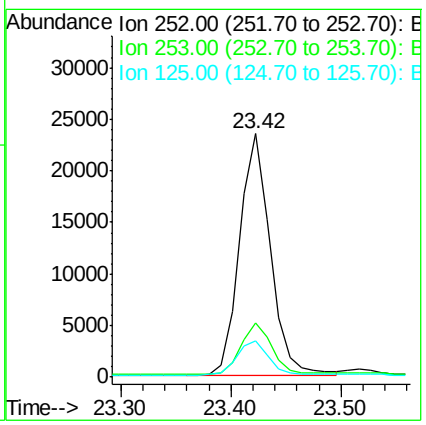


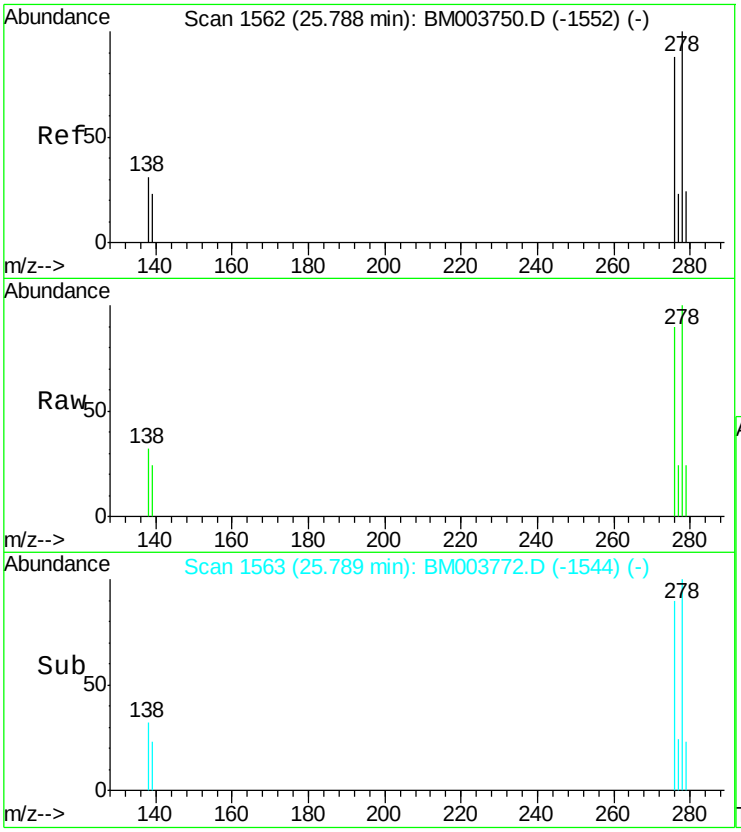


#38
Benzo(a)pyrene
Concen: 0.84 ng
RT: 23.42 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Tgt Ion:252 Resp: 45624

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.7	28.1
125	14.9	11.8	17.8



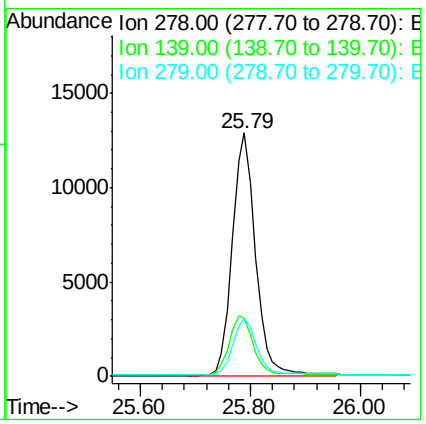


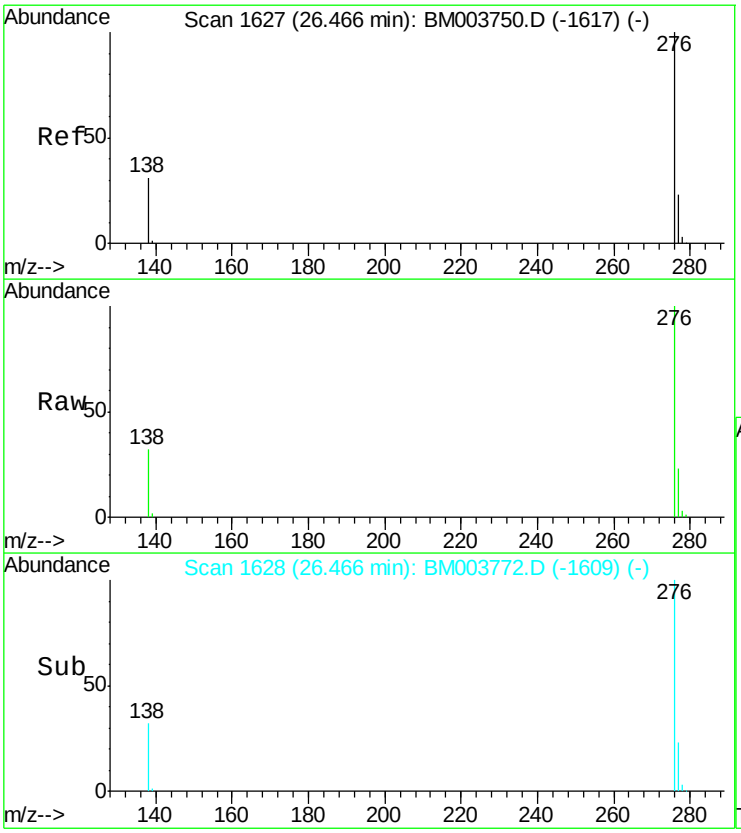
#39
Dibenzo(a,h)anthracene
Concen: 0.88 ng
RT: 25.79 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 37546

Ion	Ratio	Lower	Upper
278	100		
139	23.7	19.0	28.6
279	23.8	19.6	29.4





#40
Benzo(g,h,i)perylene
Concen: 0.88 ng
RT: 26.47 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Tgt Ion:276 Resp: 39287

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	32.4	25.0	37.4