Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003774.D
Acq On : 24 Dec 2015 12:39
Operator : UM/SJ
Sample : SSTDCCC001
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 24 14:58:41 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	43000	5.00	ng		0.00
7) Naphthalene-d8	10.48	136	181275	5.00	ng		0.00
13) Acenaphthene-d10	14.33	164	106754	5.00	ng		0.00
19) Phenanthrene-d10	17.06	188	195897	5.00	ng		0.00
26) Chrysene-d12	21.29	240	215654	5.00	ng		0.00
35) Perylene-d12	23.52	264	195974	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	8527	0.84	ng		0.02
5) Phenol-d6	6.87	99	10220	0.82	ng		0.00
8) Nitrobenzene-d5	8.85	82	7746	0.81	ng		0.00
14) 2,4,6-Tribromophenol	15.84	330	2253	0.81	ng		0.00
15) 2-Fluorobiphenyl	12.96	172	27559	0.84	ng		0.00
29) Terphenyl-d14	19.72	244	30598	0.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	3804	0.92	ng	#	95
3) n-Nitrosodimethylamine	3.49	42	3867	0.84	ng		99
6) bis(2-Chloroethyl)ether	7.11	93	9265	0.84	ng		99
9) Nitrobenzene	8.89	77	8728	0.80	ng		100
10) Naphthalene	10.51	128	36602	0.88	ng		100
11) Hexachlorobutadiene	10.80	225	5608	0.88	ng		100
12) 2-Methylnaphthalene	12.14	142	24062	0.87	ng		100
16) Acenaphthylene	14.04	152	38416	0.79	ng		100
17) Acenaphthene	14.39	154	26408	0.89	ng		99
18) Fluorene	15.39	166	30371	0.84	ng		100
20) 4-Bromophenyl-phenylether	16.27	248	10021	1.20	ng		99
21) Hexachlorobenzene	16.40	284	9816	1.22	ng	#	99
22) Pentachlorophenol	16.76	266	2365	0.92	ng		97
23) Phenanthrene	17.11	178	61756	1.16	ng		100
24) Anthracene	17.22	178	41187	0.90	ng		100
25) Fluoranthene	19.14	202	56016	0.97	ng		100
27) Benzidine	19.35	184	3136	0.36	ng	#	92
28) Pyrene	19.52	202	60668	0.81	ng		100
30) Benzo(a)anthracene	21.27	228	52423	0.81	ng		99
31) 3,3'-Dichlorobenzidine	21.21	252	13521	0.83	ng	#	96
32) Chrysene	21.27	228	52419	0.77	ng	#	86
33) Bis(2-ethylhexyl)phthalate	21.19	149	32834	0.86	ng	#	100
34) Indeno(1,2,3-cd)pyrene	25.78	276	47057	1.03	ng		100
36) Benzo(b)fluoranthene	22.85	252	55024	0.86	ng		100
37) Benzo(k)fluoranthene	22.89	252	48760	0.83	ng		99
38) Benzo(a)pyrene	23.42	252	46231	0.84	ng		99
39) Dibenzo(a,h)anthracene	25.79	278	37828	0.88	ng		99
40) Benzo(g,h,i)perylene	26.47	276	39414	0.88	ng		100

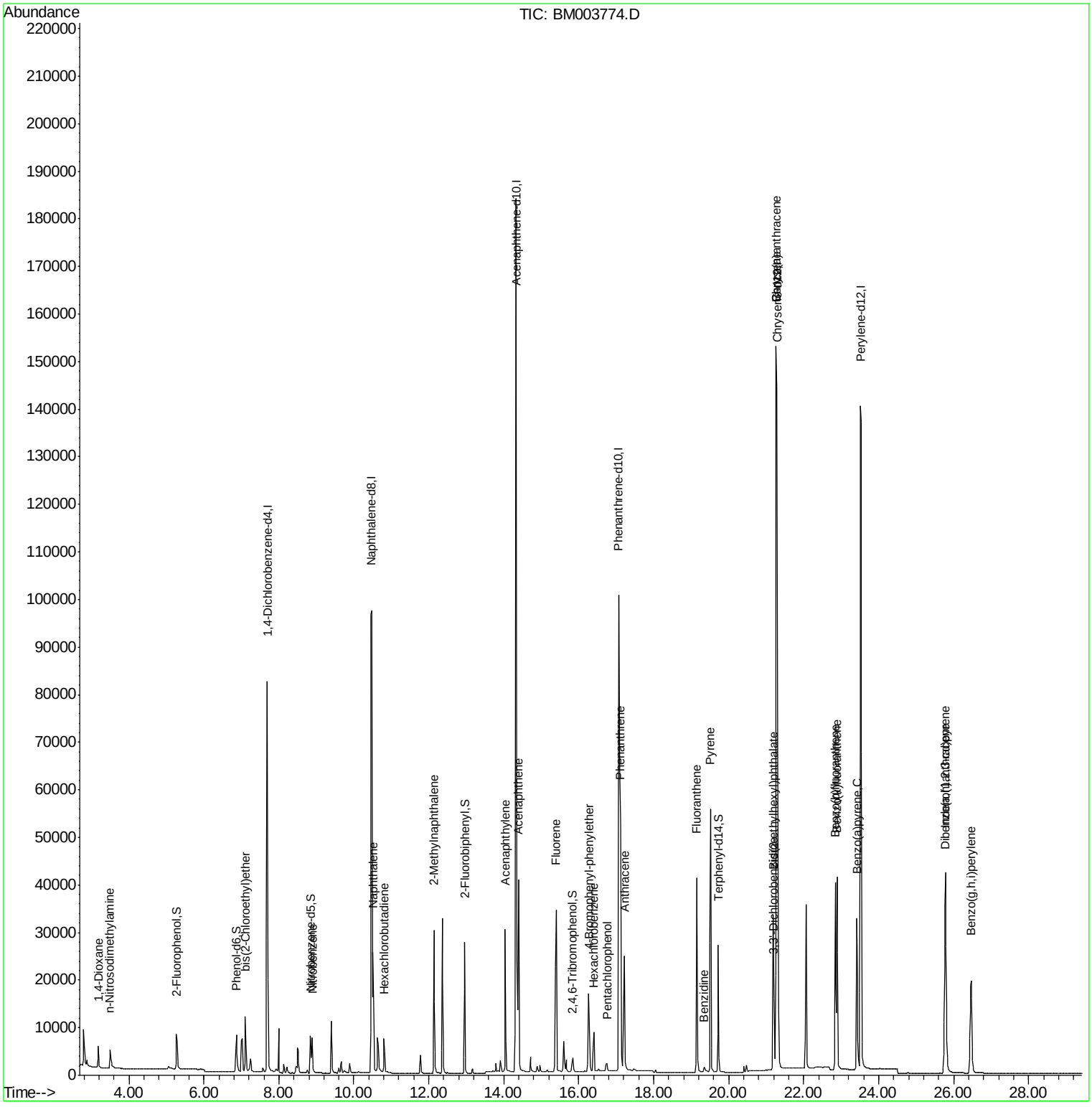
(#) = qualifier out of range (m) = manual integration (+) = signals summed

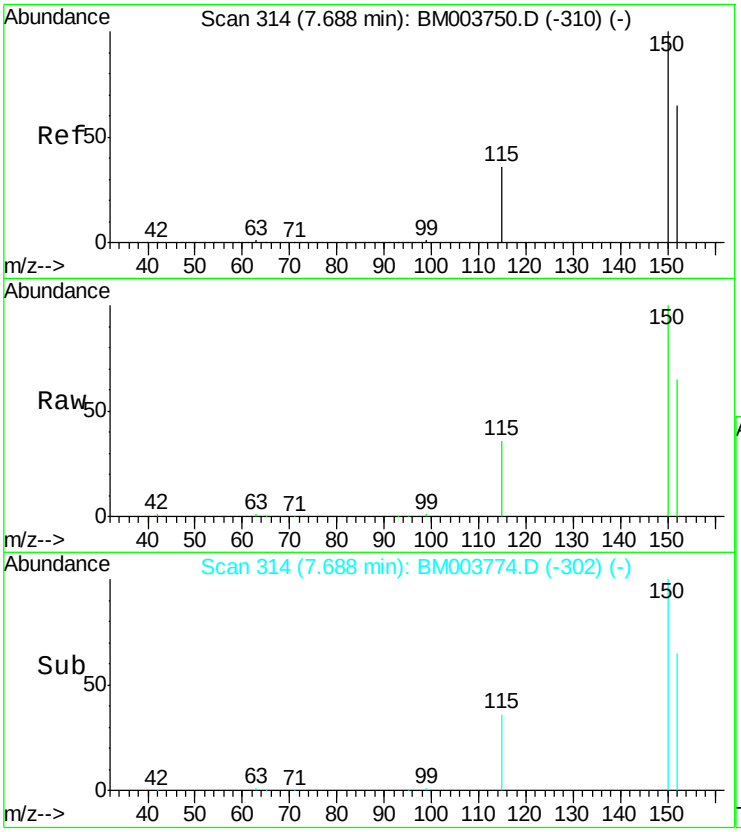
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003774.D
Acq On : 24 Dec 2015 12:39
Operator : UM/SJ
Sample : SSTDCCC001
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 24 14:58:41 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



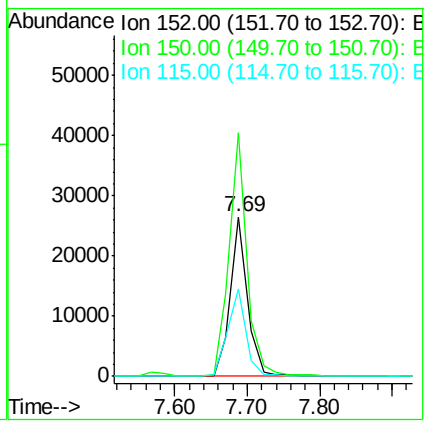


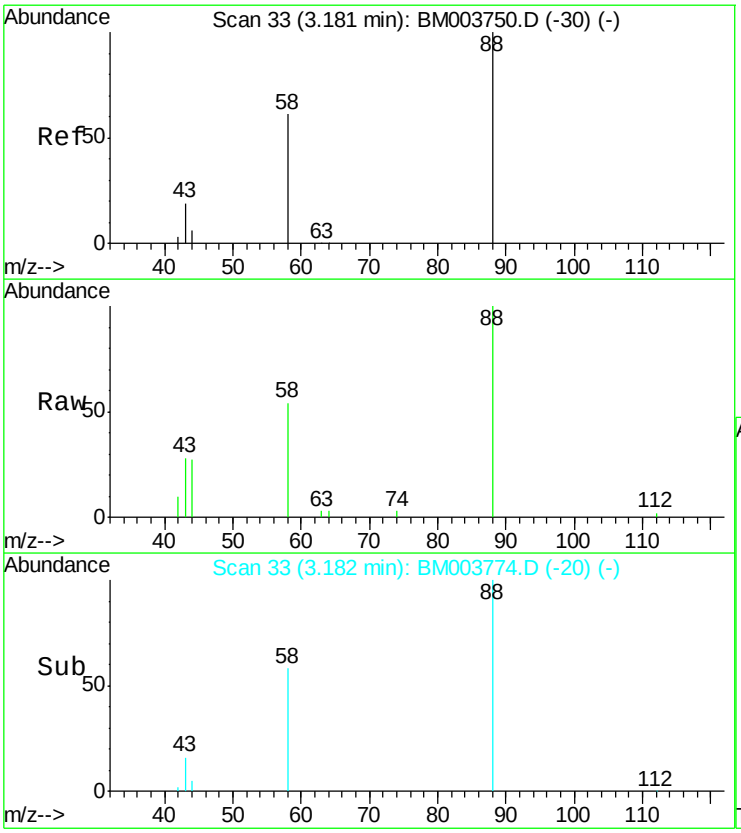
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 43000

Ion	Ratio	Lower	Upper
152	100		
150	152.9	122.9	184.3
115	54.8	44.4	66.6

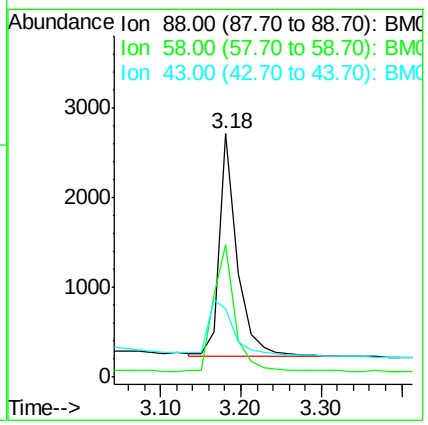


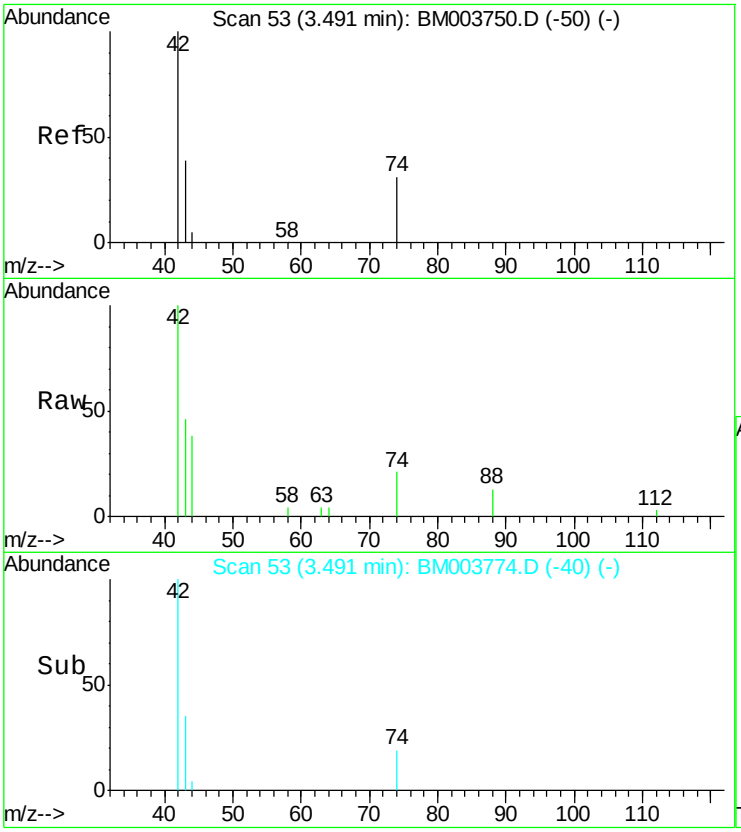


#2
1,4-Dioxane
Concen: 0.92 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Tgt Ion: 88 Resp: 3804

Ion	Ratio	Lower	Upper
88	100		
58	67.7	53.8	80.6
43	37.4	23.8	35.6#



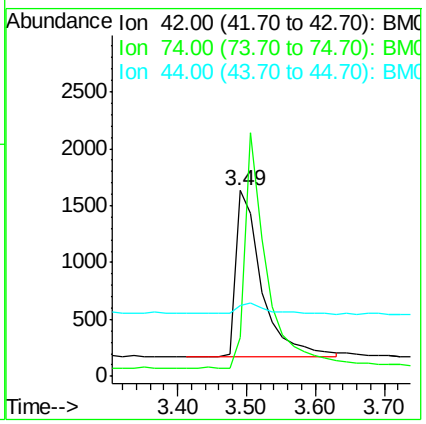


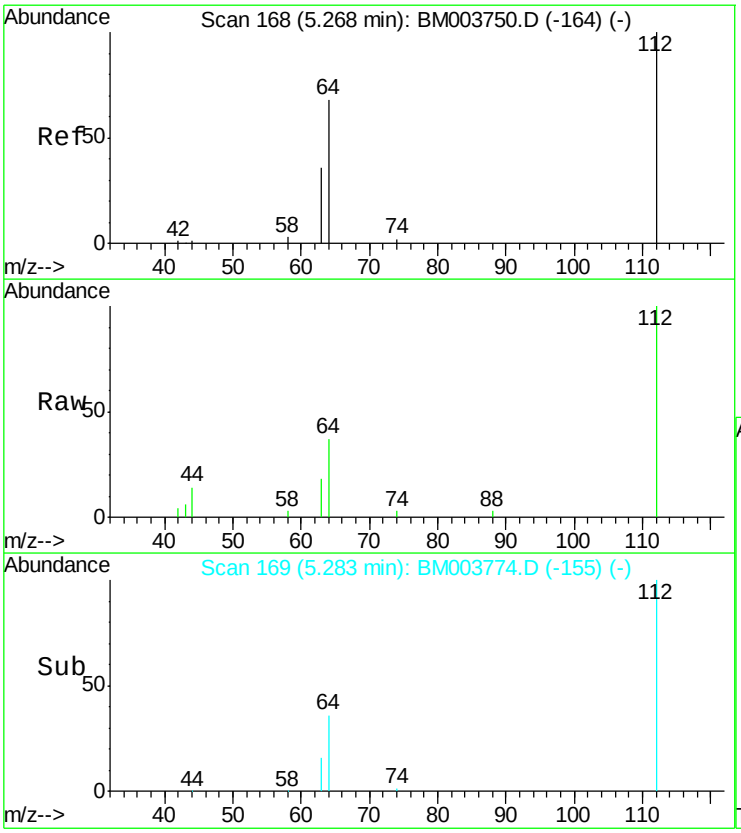
#3
n-Nitrosodimethylamine
Concen: 0.84 ng
RT: 3.49 min Scan# 53
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 42 Resp: 3867

Ion	Ratio	Lower	Upper
42	100		
74	117.5	95.0	142.4
44	7.0	5.1	7.7

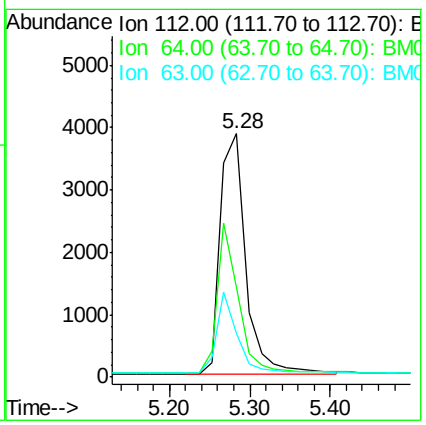


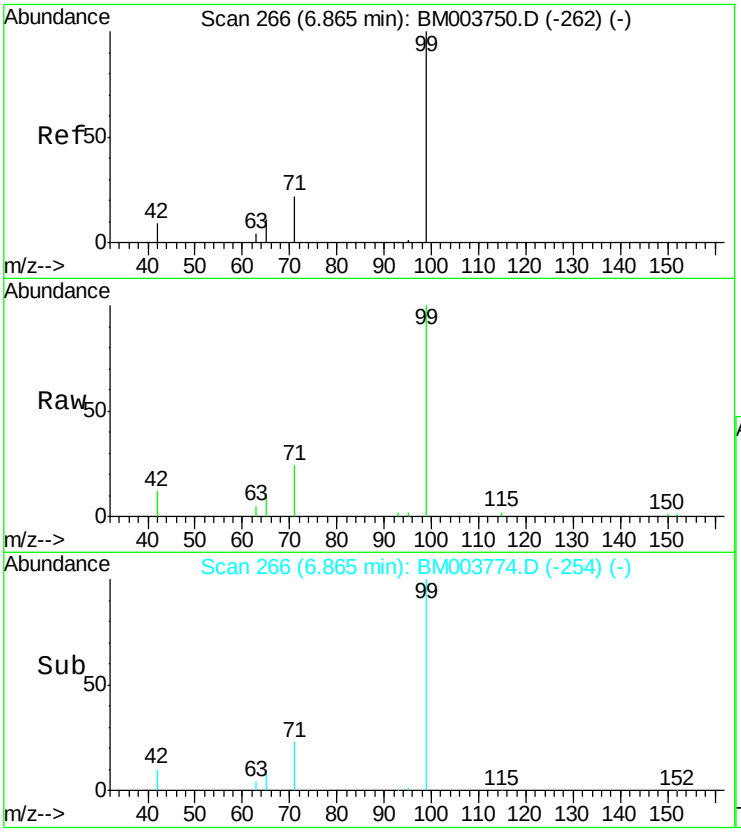


#4
2-Fluorophenol
Concen: 0.84 ng
RT: 5.28 min Scan# 169
Delta R.T. 0.02 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Tgt Ion:112 Resp: 8527

Ion	Ratio	Lower	Upper
112	100		
64	52.1	41.8	62.8
63	27.7	22.1	33.1



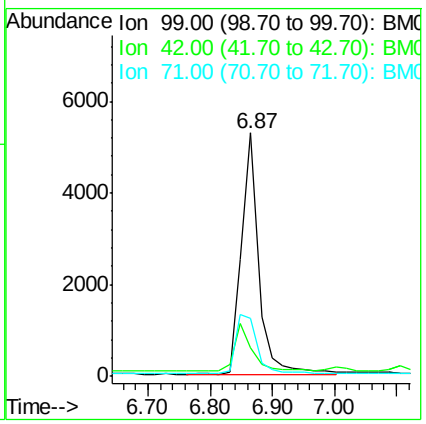


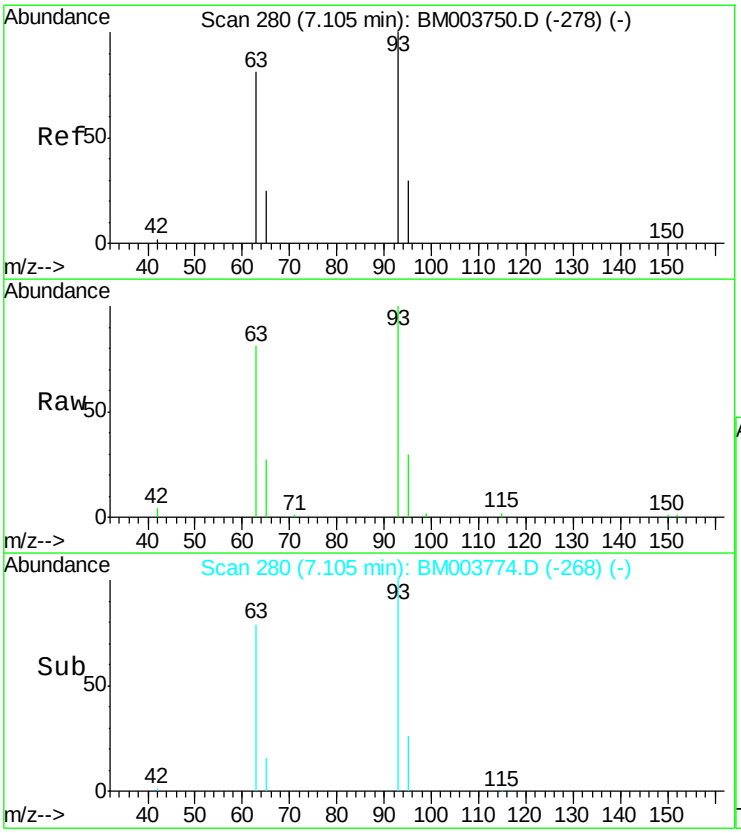
#5
Phenol-d6
Concen: 0.82 ng
RT: 6.87 min Scan# 266
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 10220

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.2	24.2
71	30.5	24.4	36.6

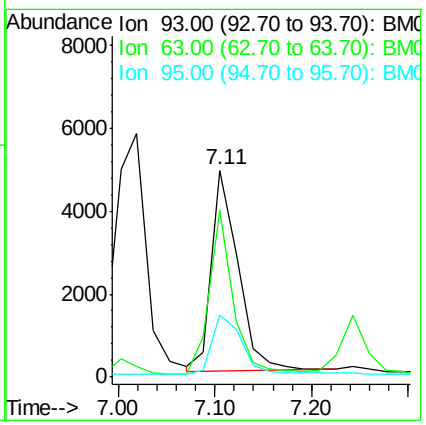


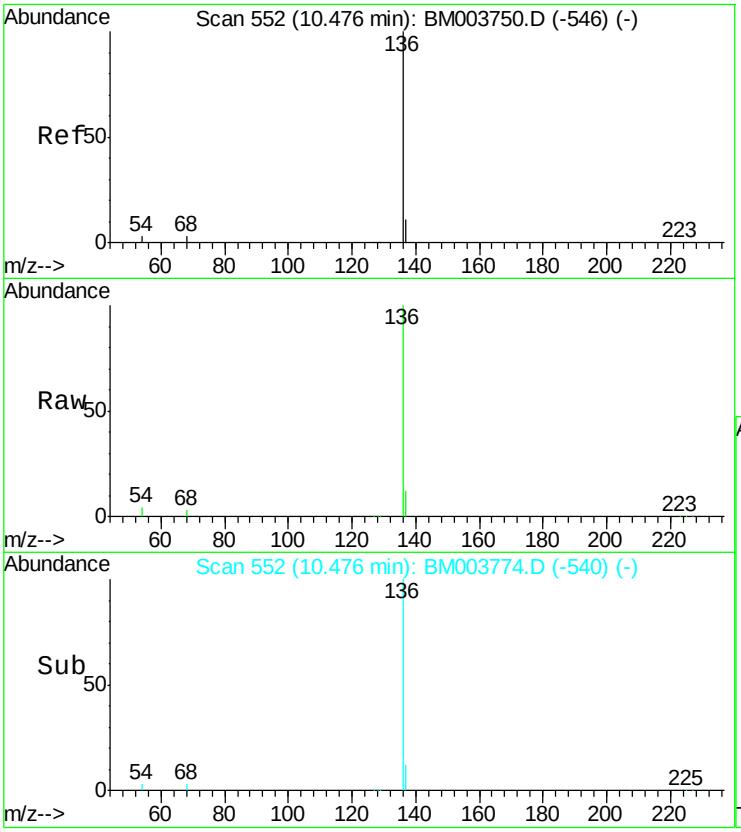


#6
bis(2-Chloroethyl)ether
Concen: 0.84 ng
RT: 7.11 min Scan# 280
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Tgt Ion: 93 Resp: 9265

Ion	Ratio	Lower	Upper
93	100		
63	73.2	58.3	87.5
95	33.8	25.8	38.8



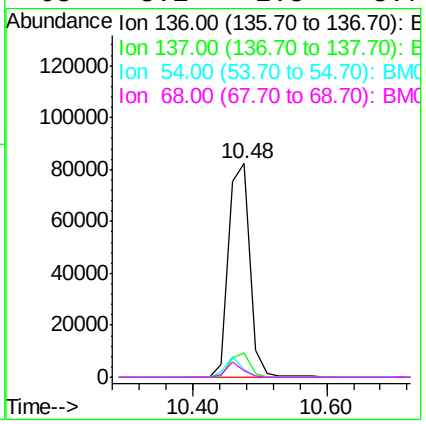


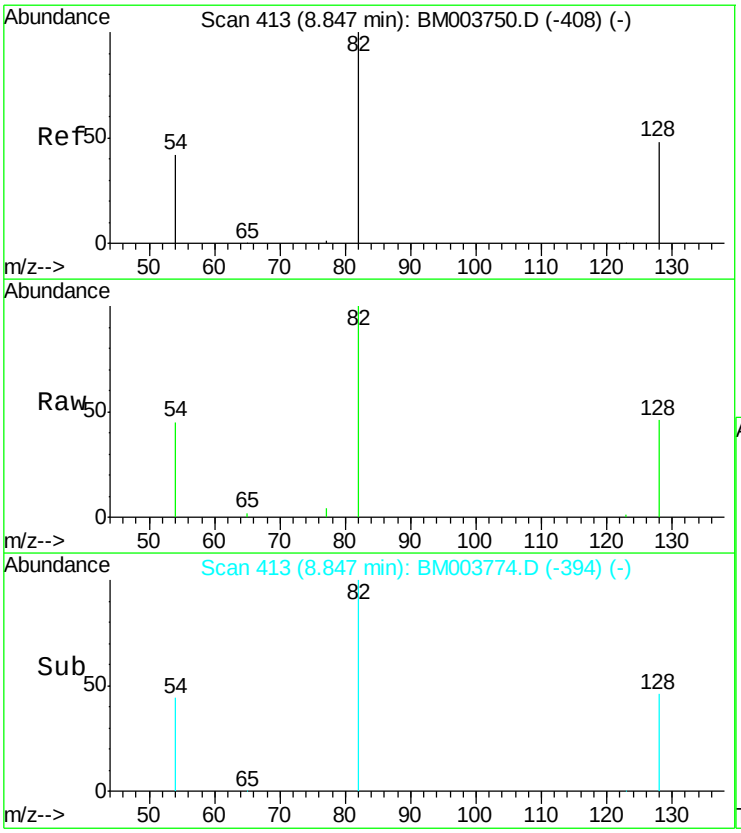
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.48 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 181275

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	3.5	2.8	4.2
68	3.1	2.5	3.7

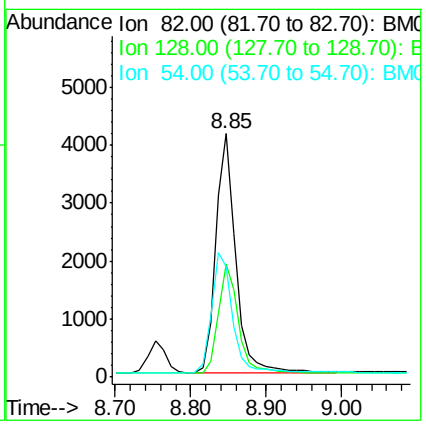


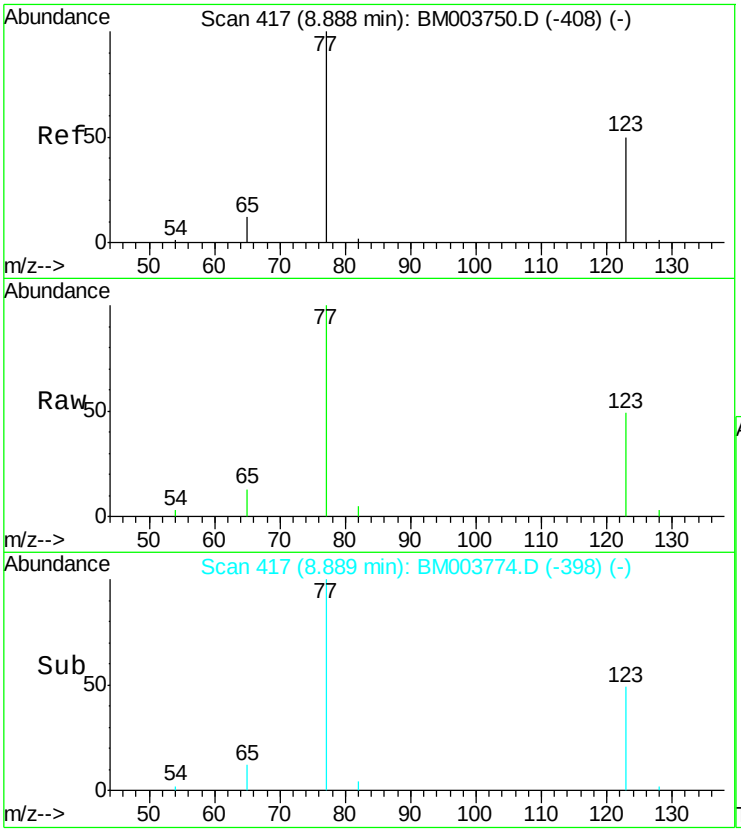


#8
Nitrobenzene-d5
Concen: 0.81 ng
RT: 8.85 min Scan# 413
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Tgt Ion: 82 Resp: 7746

Ion	Ratio	Lower	Upper
82	100		
128	46.5	39.1	58.7
54	45.2	34.8	52.2



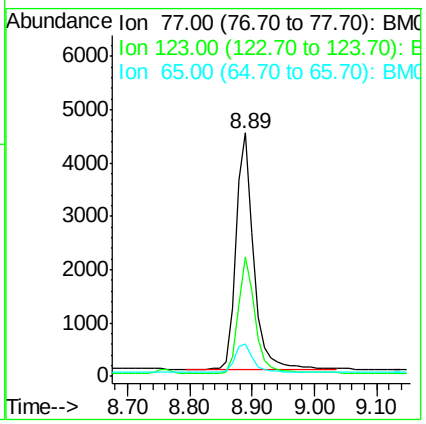


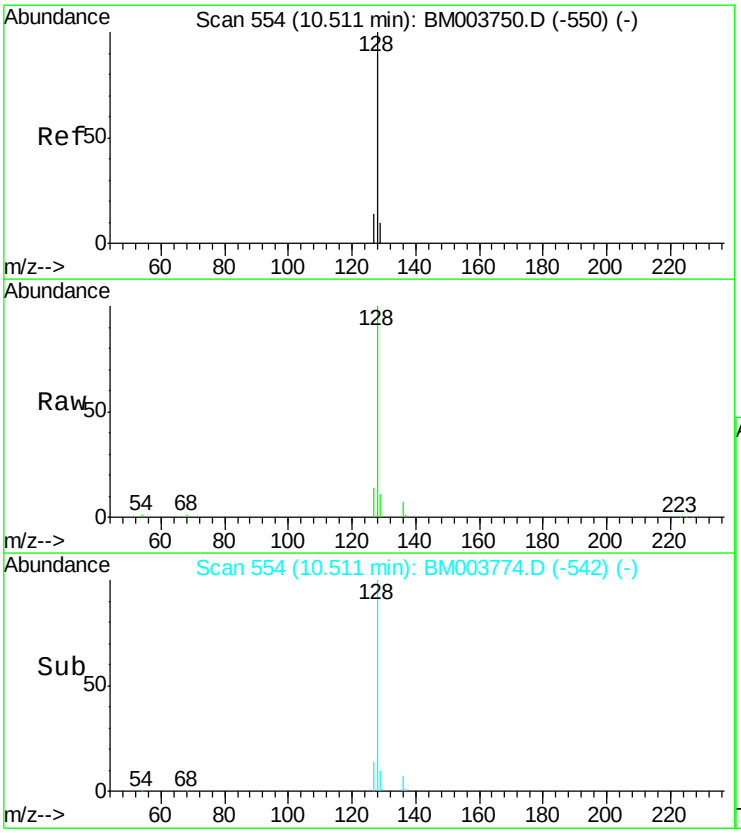
#9
Nitrobenzene
Concen: 0.80 ng
RT: 8.89 min Scan# 417
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 8728

Ion	Ratio	Lower	Upper
77	100		
123	48.3	38.6	57.8
65	12.7	9.9	14.9

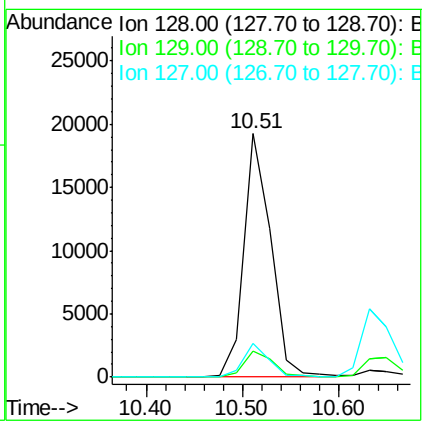


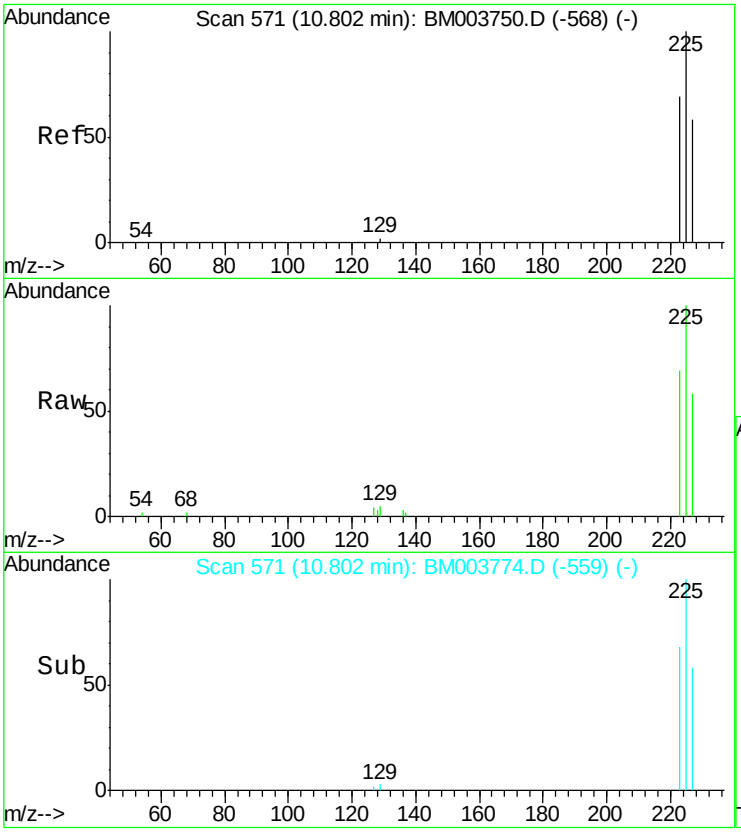


#10
Naphthalene
Concen: 0.88 ng
RT: 10.51 min Scan# 554
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Tgt Ion:128 Resp: 36602

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.5	12.7
127	13.7	11.0	16.4



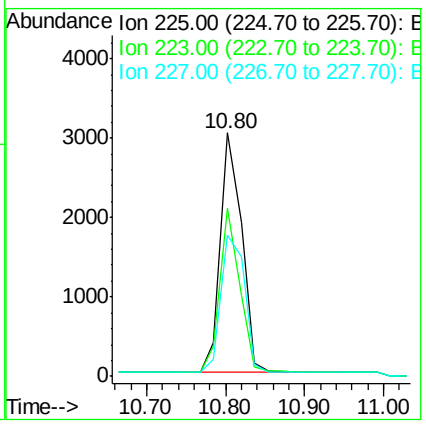


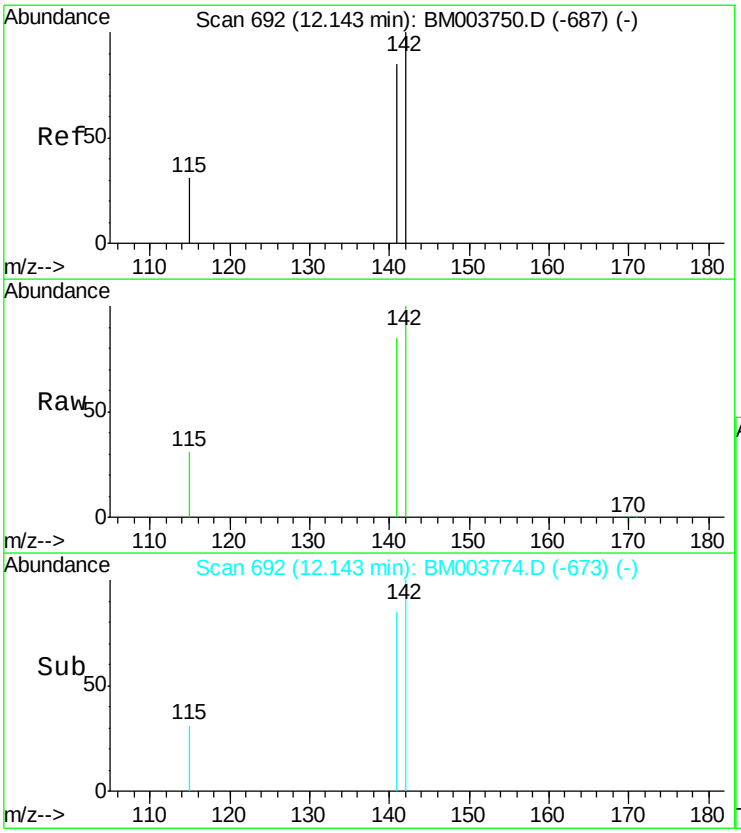
#11
Hexachlorobutadiene
Concen: 0.88 ng
RT: 10.80 min Scan# 571
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:225 Resp: 5608

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.9	76.3
227	64.0	51.2	76.8

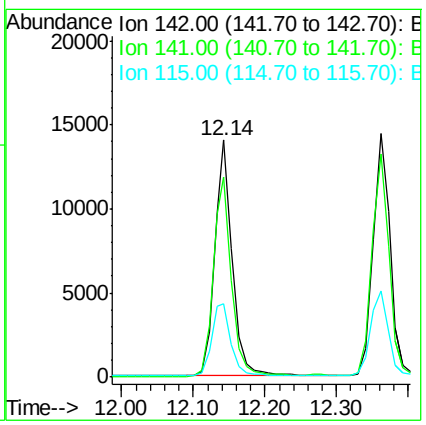


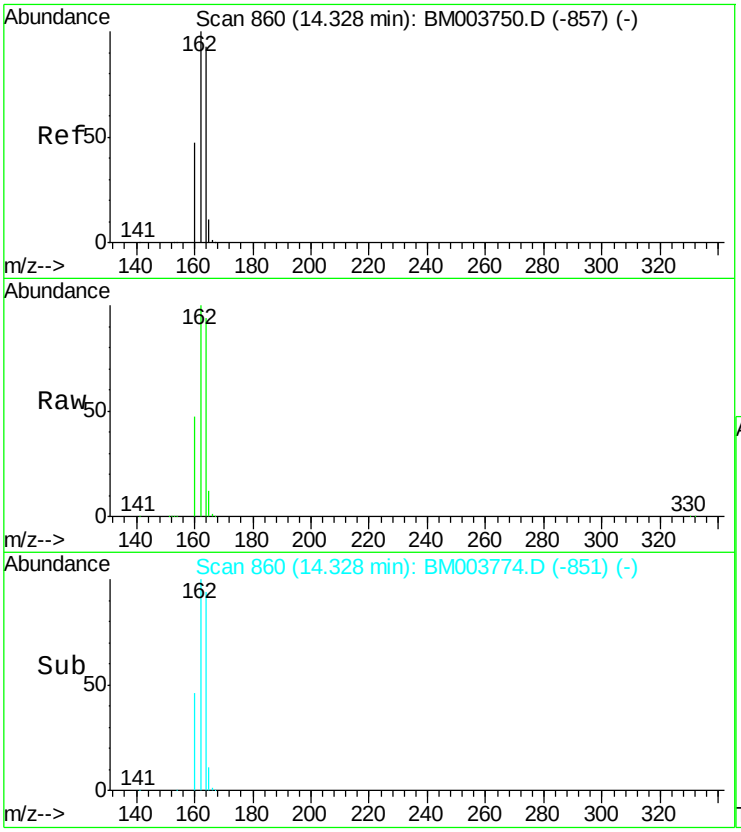


#12
2-Methylnaphthalene
Concen: 0.87 ng
RT: 12.14 min Scan# 692
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Tgt Ion:142 Resp: 24062

Ion	Ratio	Lower	Upper
142	100		
141	84.7	67.8	101.8
115	31.2	25.3	37.9



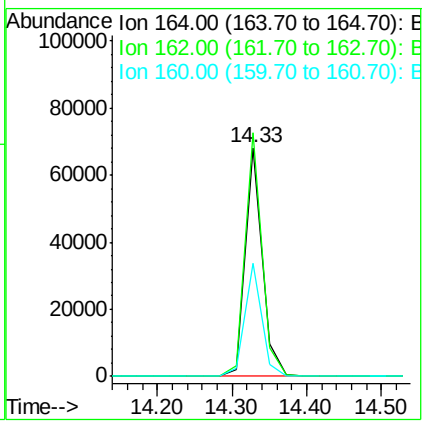


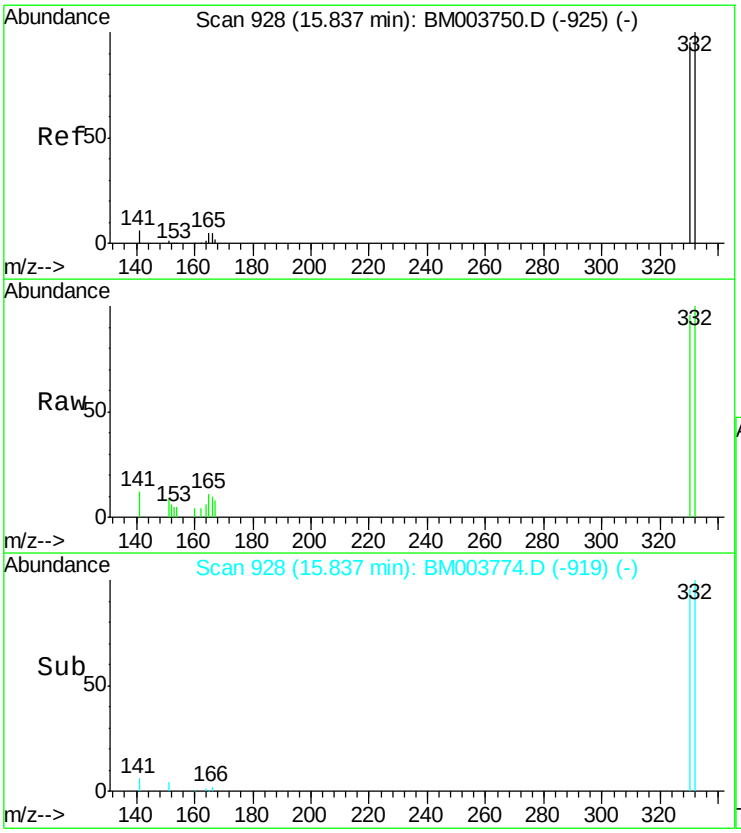
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.33 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 106754

Ion	Ratio	Lower	Upper
164	100		
162	106.6	86.0	129.0
160	49.6	40.3	60.5

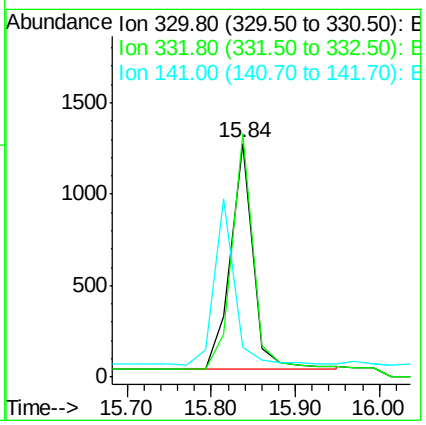


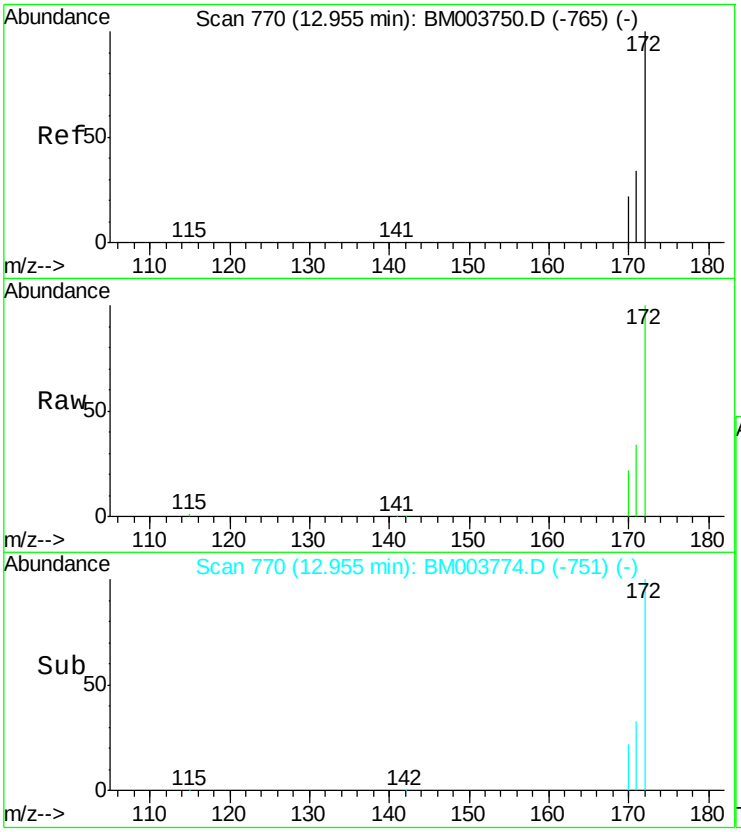


#14
2,4,6-Tribromophenol
Concen: 0.81 ng
RT: 15.84 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Tgt Ion:330 Resp: 2253

Ion	Ratio	Lower	Upper
330	100		
332	98.8	79.0	118.4
141	0.0	0.0	0.0



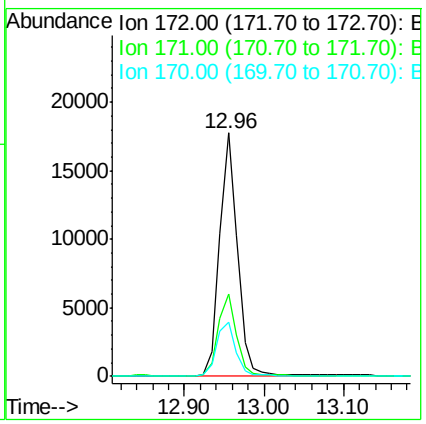


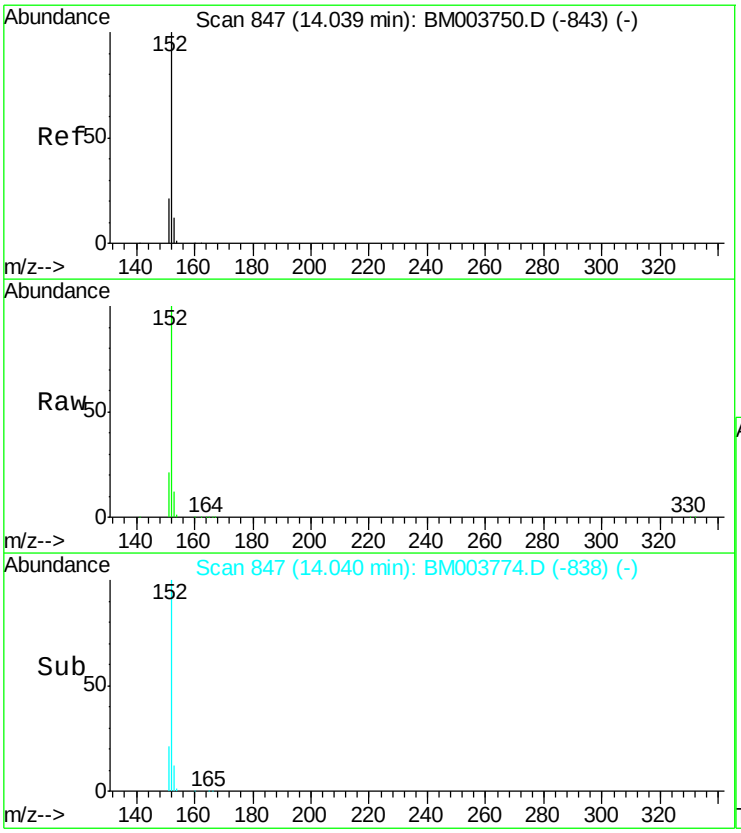
#15
2-Fluorobiphenyl
Concen: 0.84 ng
RT: 12.96 min Scan# 770
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 27559

Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.0	40.6
170	22.0	17.9	26.9

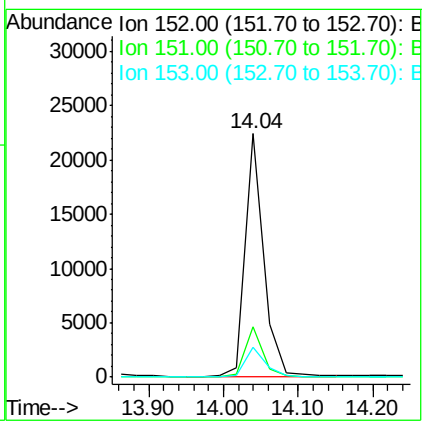


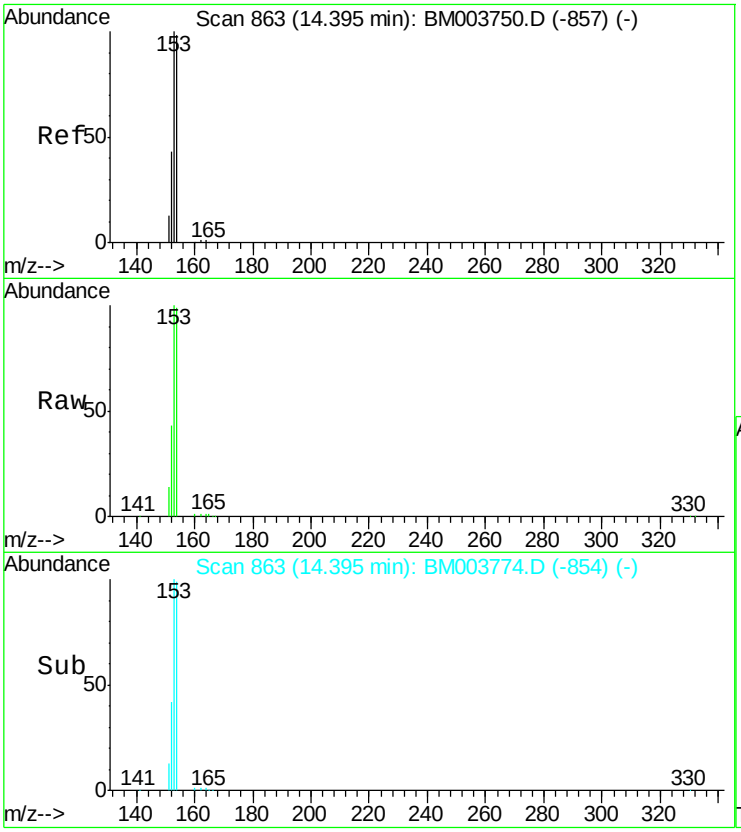


#16
Acenaphthylene
Concen: 0.79 ng
RT: 14.04 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Tgt Ion:152 Resp: 38416

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



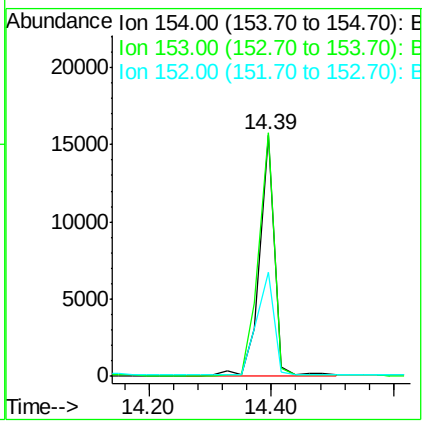


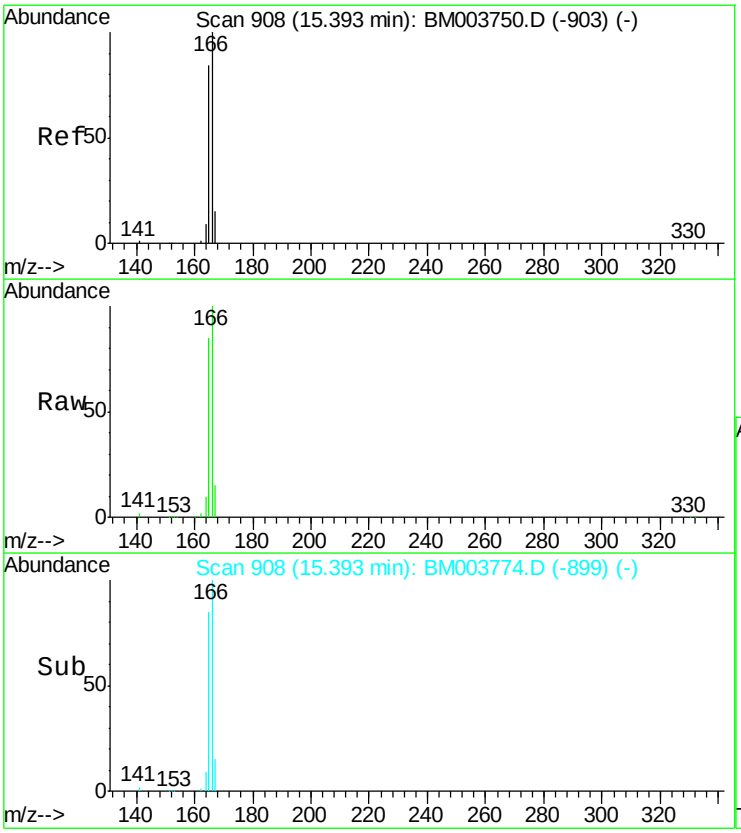
#17
Acenaphthene
Concen: 0.89 ng
RT: 14.39 min Scan# 863
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 26408

Ion	Ratio	Lower	Upper
154	100		
153	105.7	85.4	128.2
152	49.9	40.6	60.8

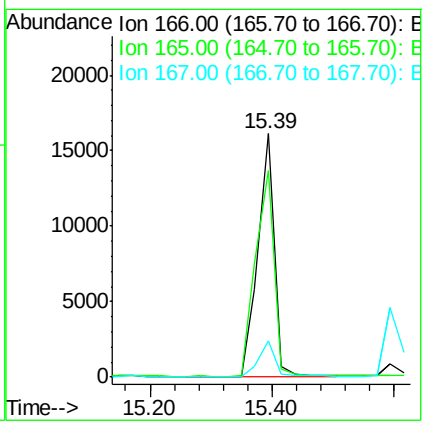


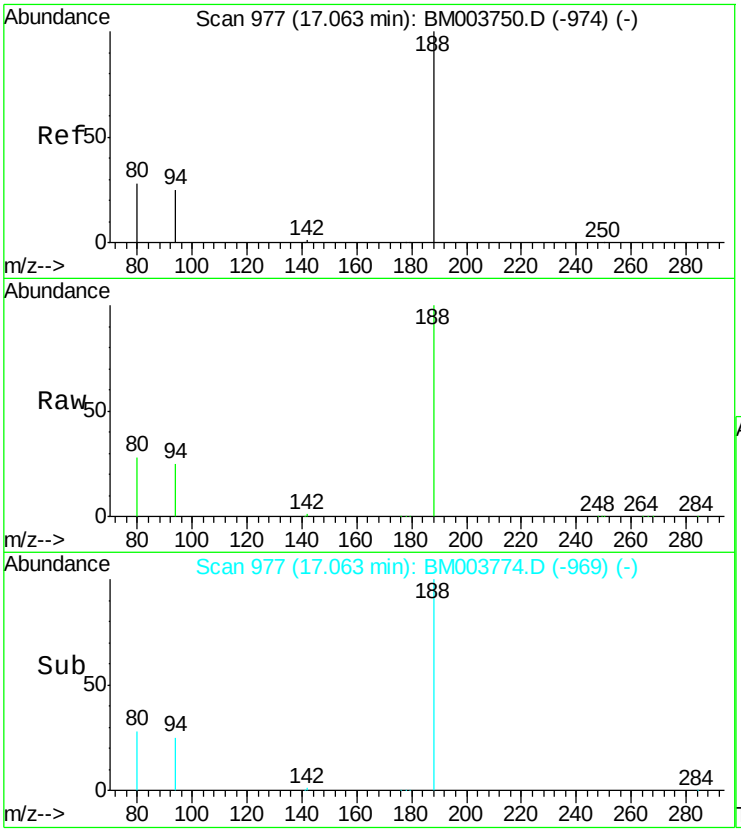


#18
Fluorene
Concen: 0.84 ng
RT: 15.39 min Scan# 908
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Tgt Ion:166 Resp: 30371

Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.2	115.8
167	13.7	11.0	16.6



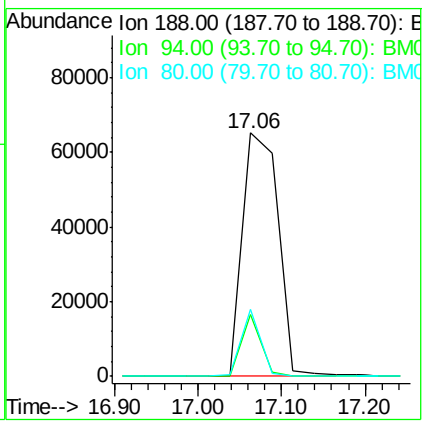


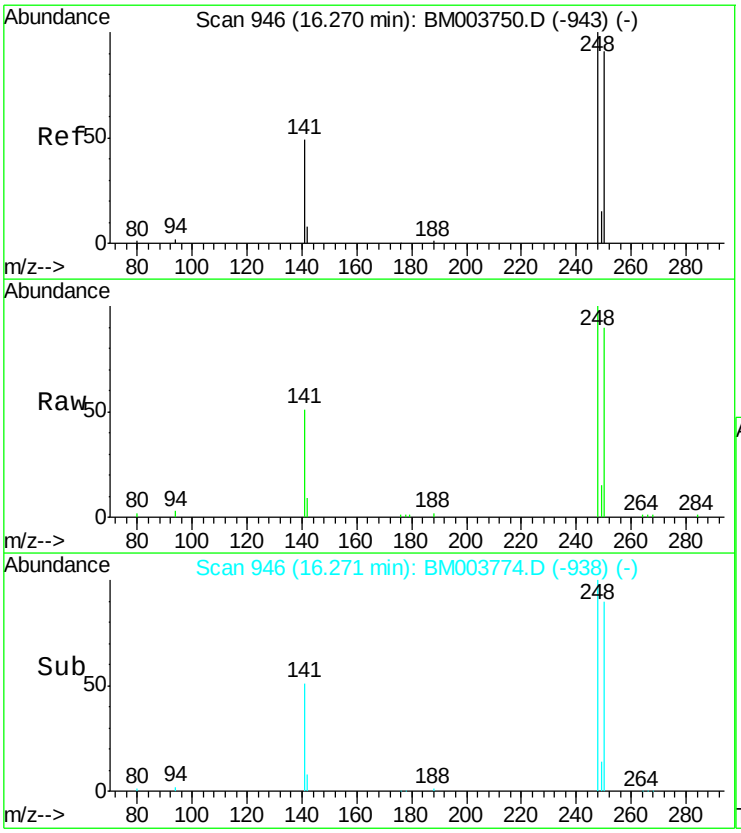
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 195897

Ion	Ratio	Lower	Upper
188	100		
94	25.2	20.3	30.5
80	27.7	22.2	33.4

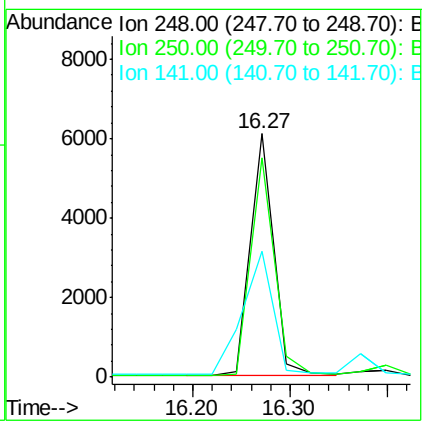


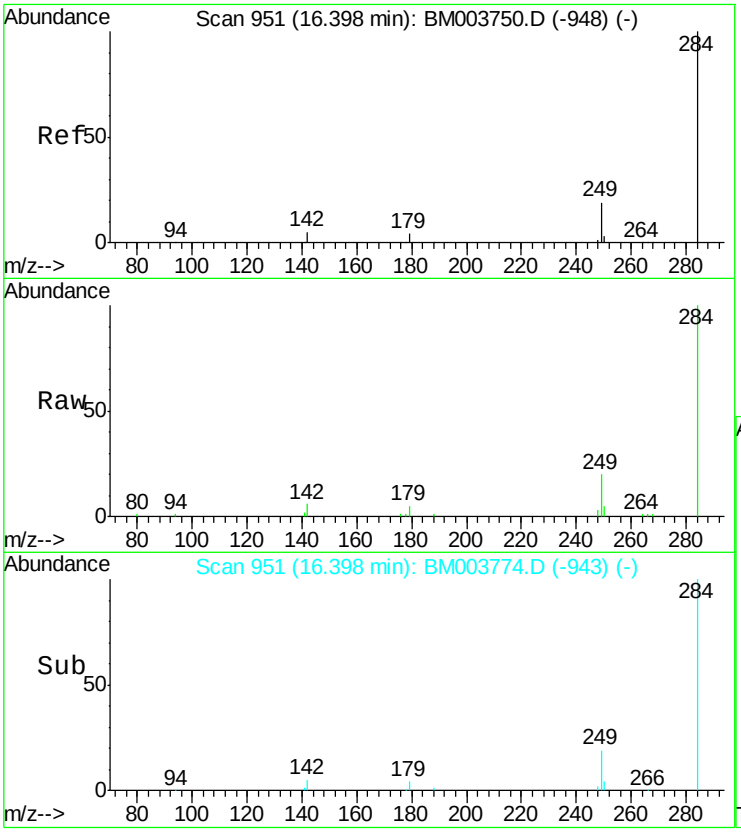


#20
4-Bromophenyl-phenylether
Concen: 1.20 ng
RT: 16.27 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Tgt Ion:248 Resp: 10021

Ion	Ratio	Lower	Upper
248	100		
250	93.1	75.0	112.4
141	67.3	53.0	79.4



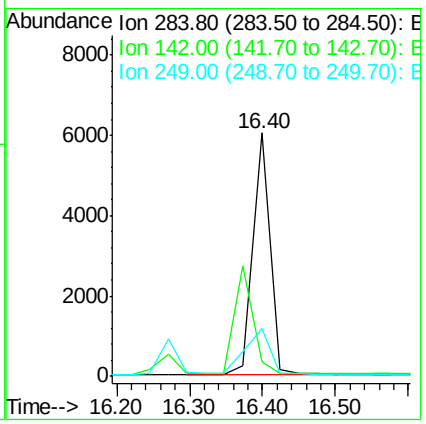


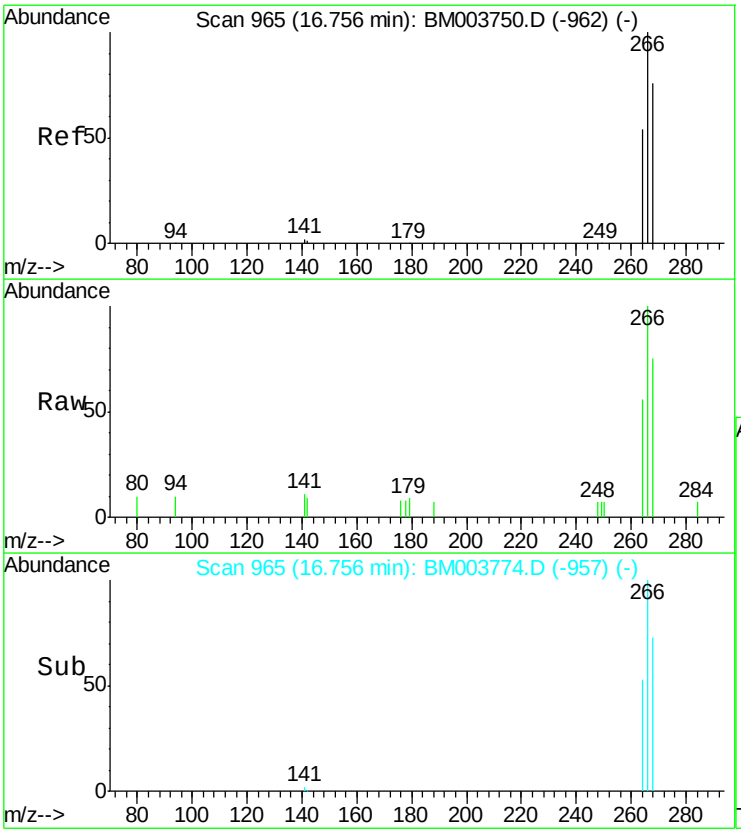
#21
Hexachlorobenzene
Concen: 1.22 ng
RT: 16.40 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 9816

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

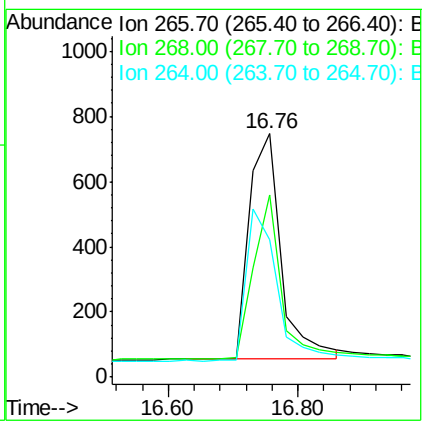


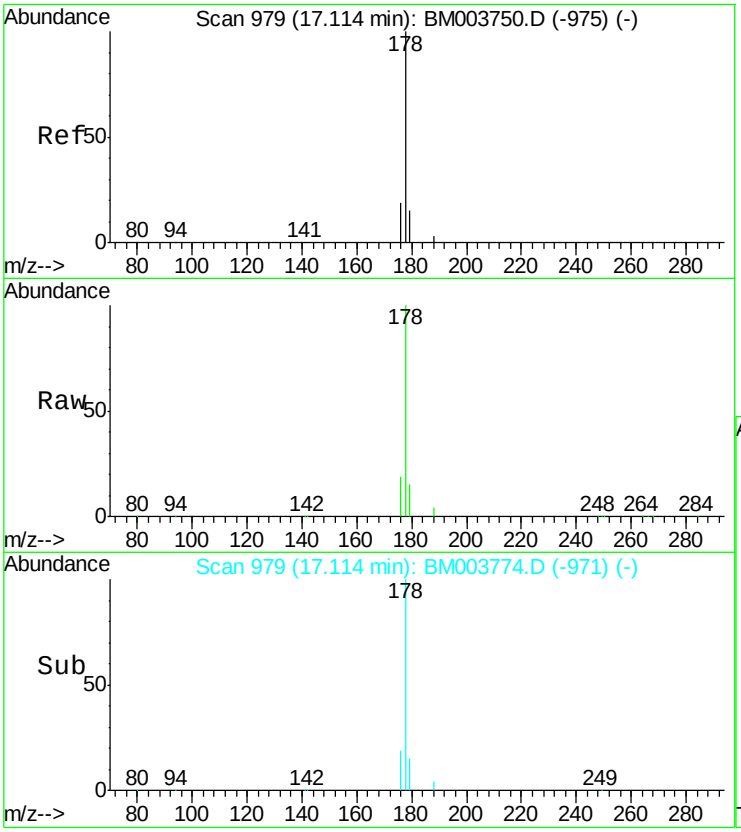


#22
Pentachlorophenol
Concen: 0.92 ng
RT: 16.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Tgt Ion:266 Resp: 2365

Ion	Ratio	Lower	Upper
266	100		
268	75.1	62.7	94.1
264	56.2	45.7	68.5



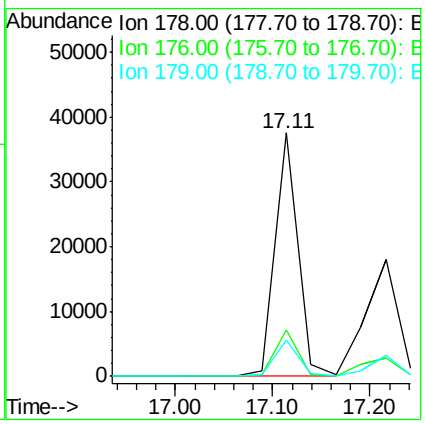


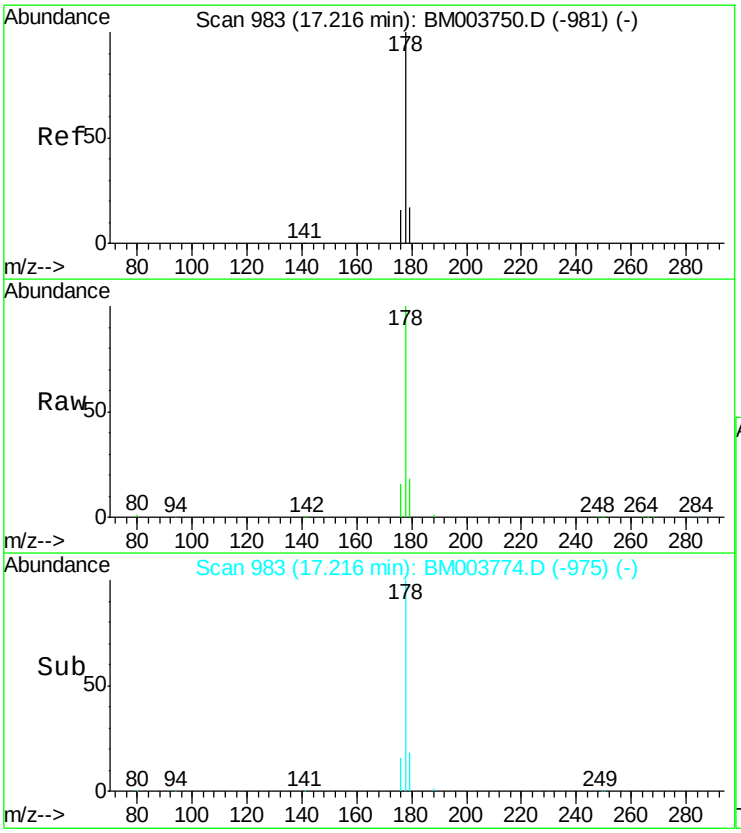
#23
Phenanthrene
Concen: 1.16 ng
RT: 17.11 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 61756

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

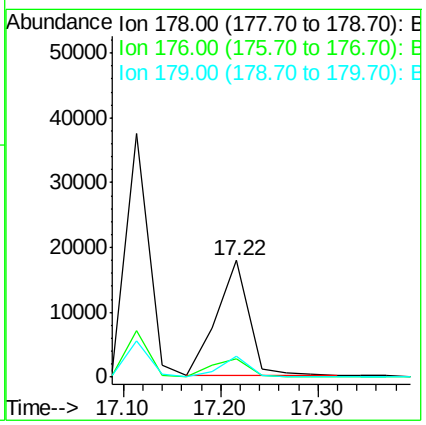


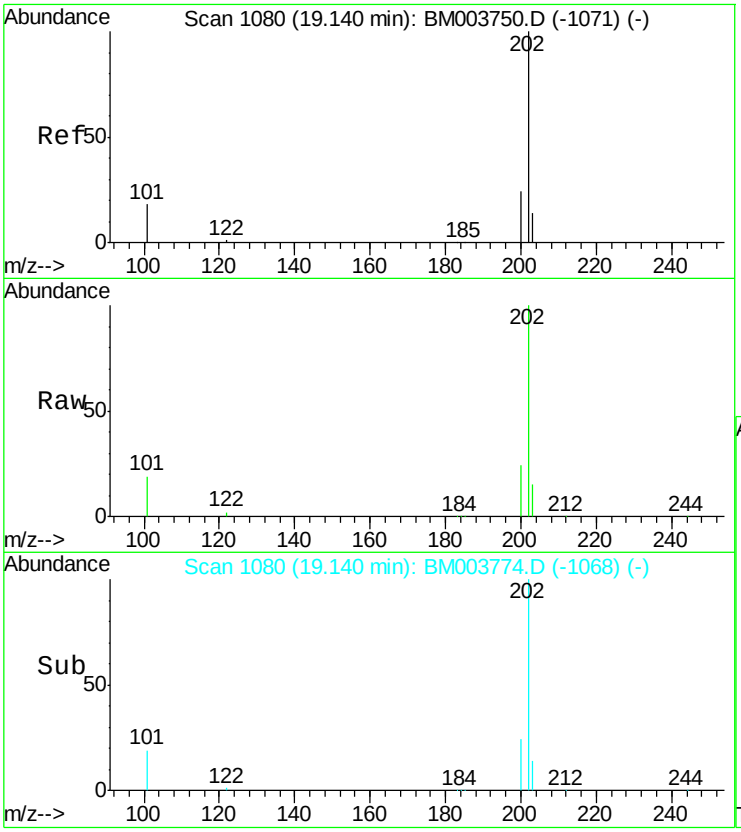


#24
Anthracene
Concen: 0.90 ng
RT: 17.22 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Tgt Ion:178 Resp: 41187

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.6	12.6	19.0



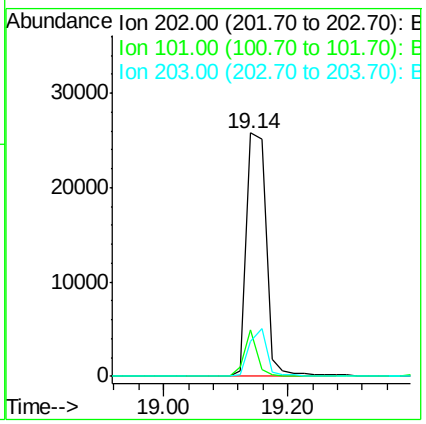


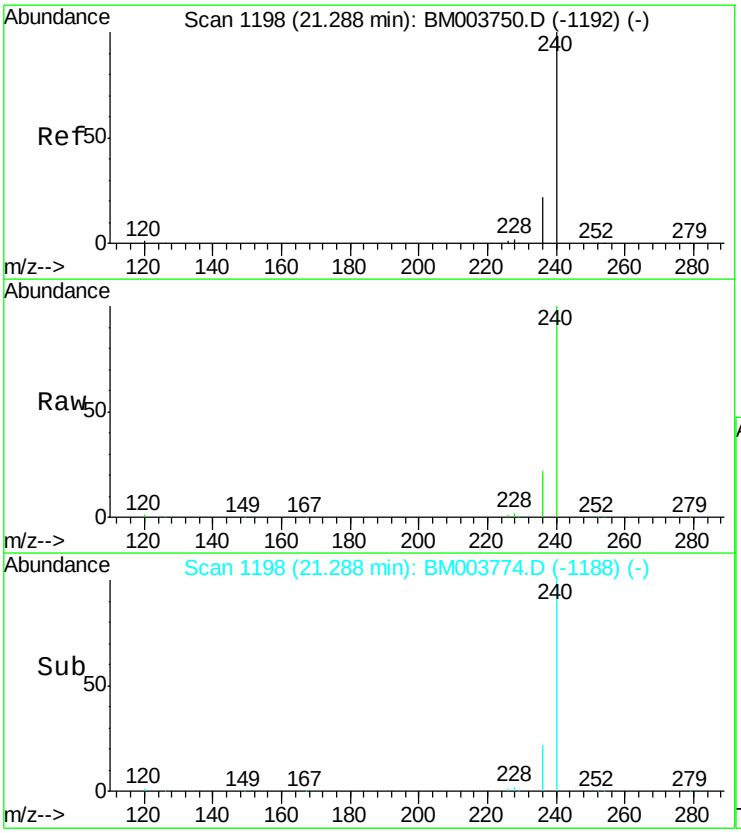
#25
Fluoranthene
Concen: 0.97 ng
RT: 19.14 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 56016

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.7	14.5
203	17.2	13.8	20.8

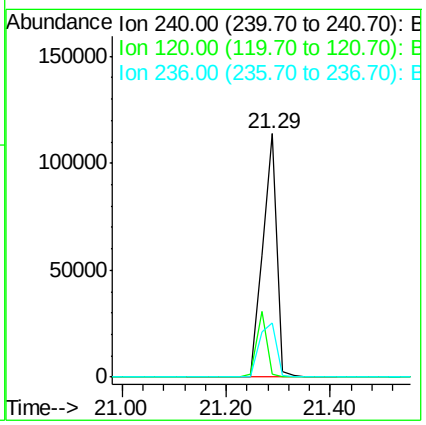


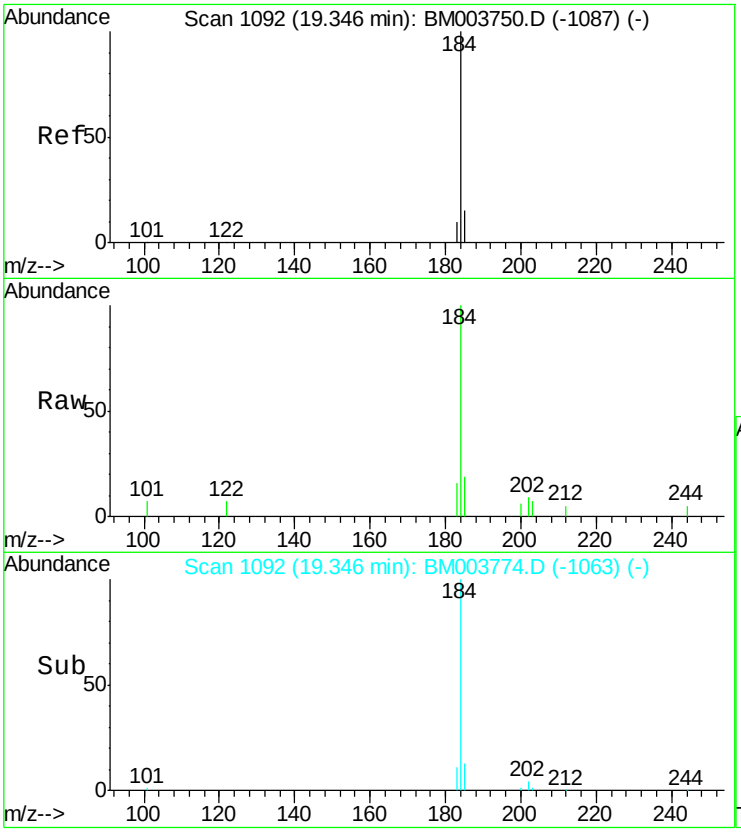


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Tgt Ion:240 Resp: 215654

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



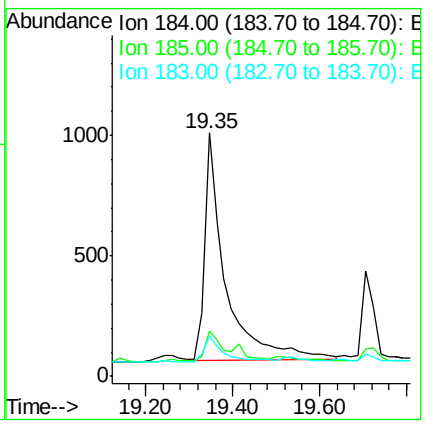


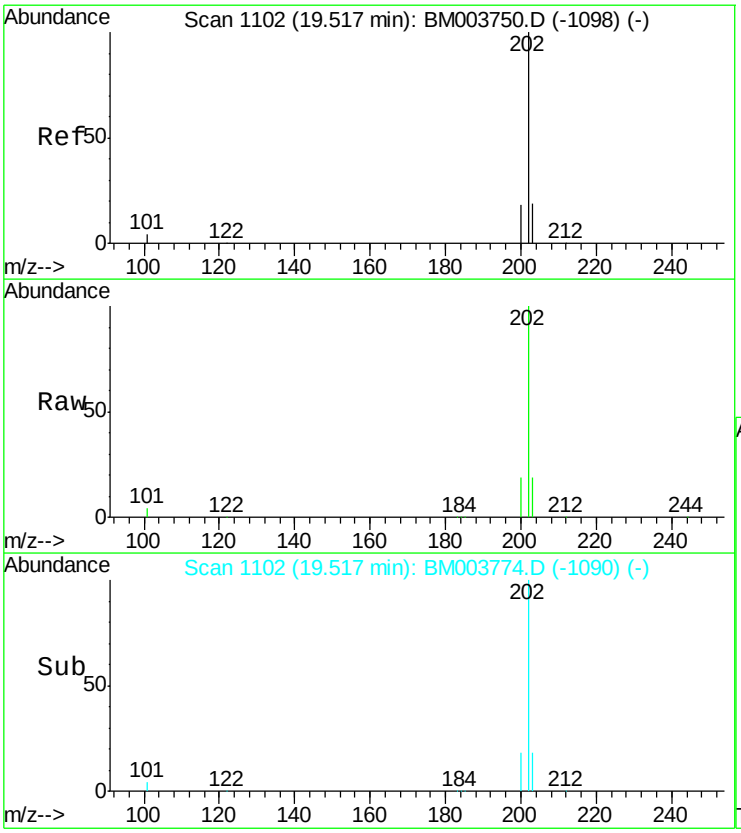
#27
Benzidine
Concen: 0.36 ng
RT: 19.35 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 3136

Ion	Ratio	Lower	Upper
184	100		
185	18.6	13.2	19.8
183	16.3	9.0	13.6#

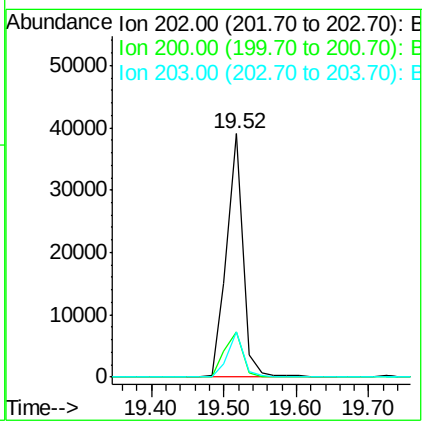


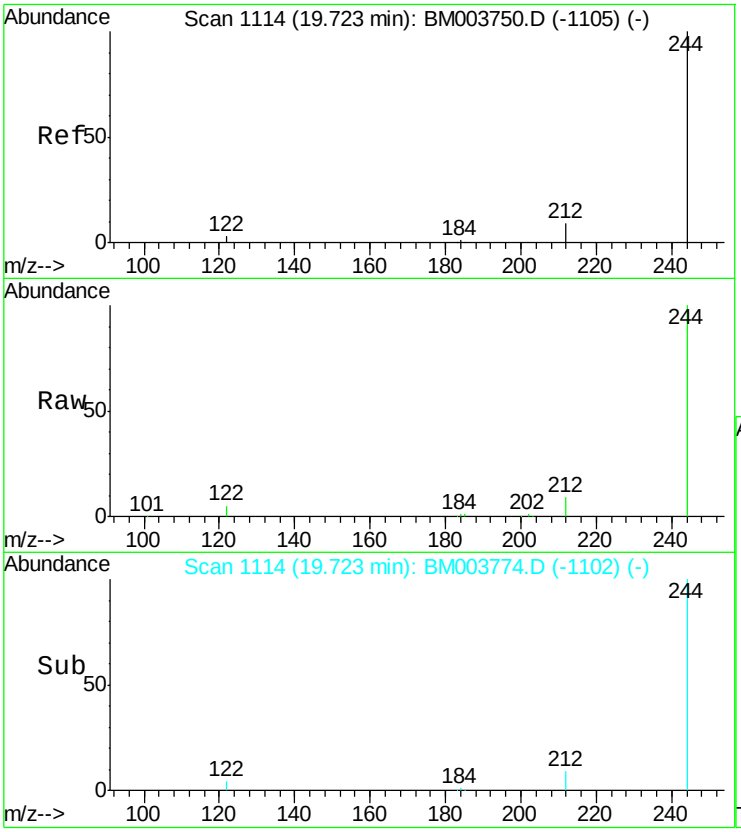


#28
Pyrene
Concen: 0.81 ng
RT: 19.52 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Tgt Ion:202 Resp: 60668

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	24.8
203	17.5	14.0	21.0



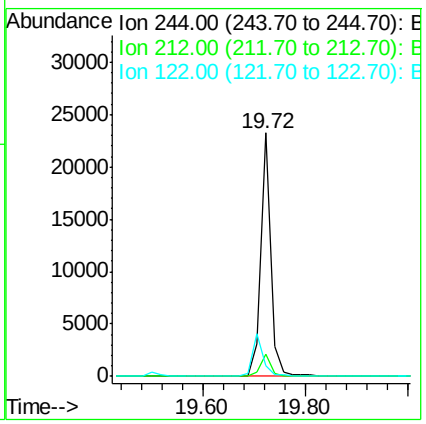


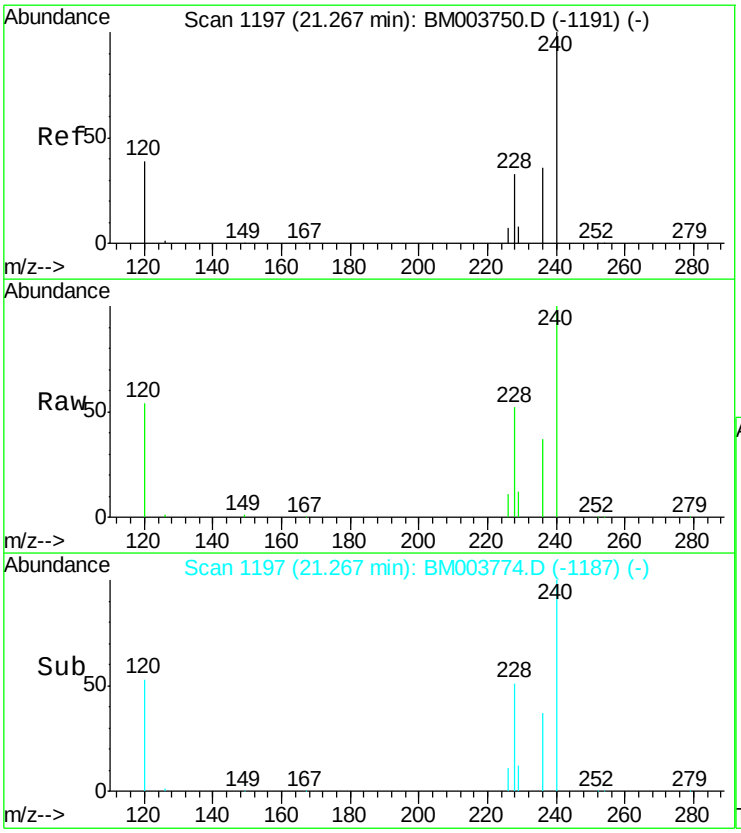
#29
Terphenyl-d14
Concen: 0.84 ng
RT: 19.72 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 30598

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

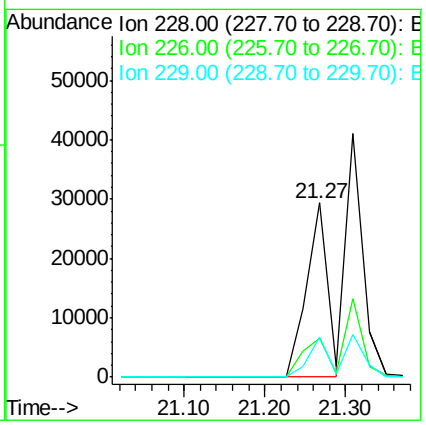


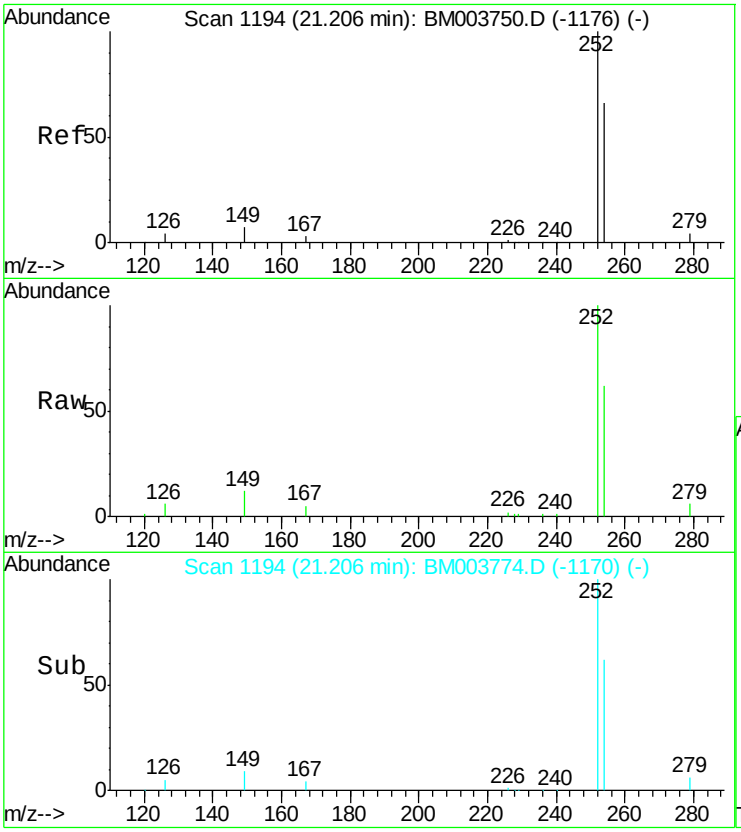


#30
Benzo(a)anthracene
Concen: 0.81 ng
RT: 21.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Tgt Ion:228 Resp: 52423

Ion	Ratio	Lower	Upper
228	100		
226	22.3	17.2	25.8
229	22.8	18.7	28.1



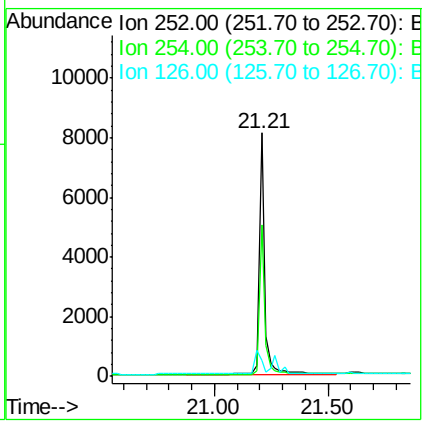


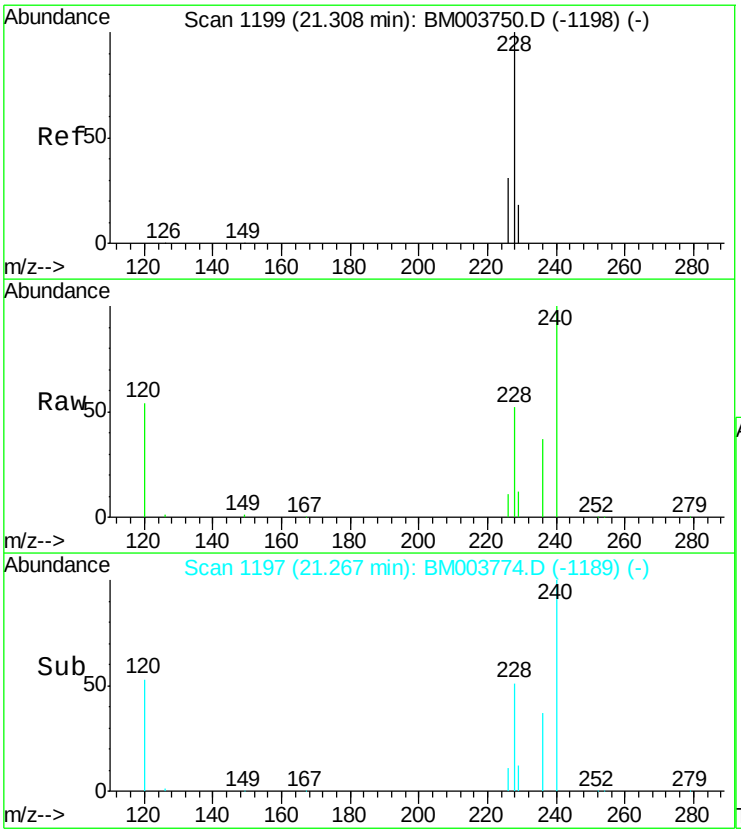
#31
3,3'-Dichlorobenzidine
Concen: 0.83 ng
RT: 21.21 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 13521

Ion	Ratio	Lower	Upper
252	100		
254	62.4	52.6	79.0
126	6.2	3.7	5.5#

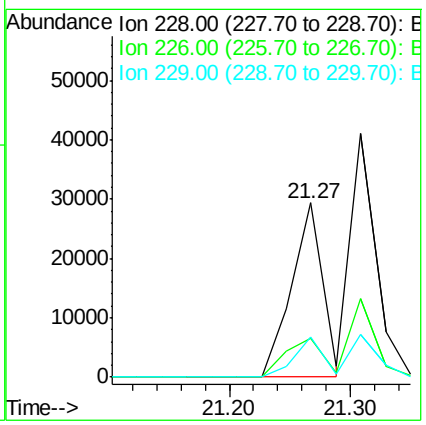


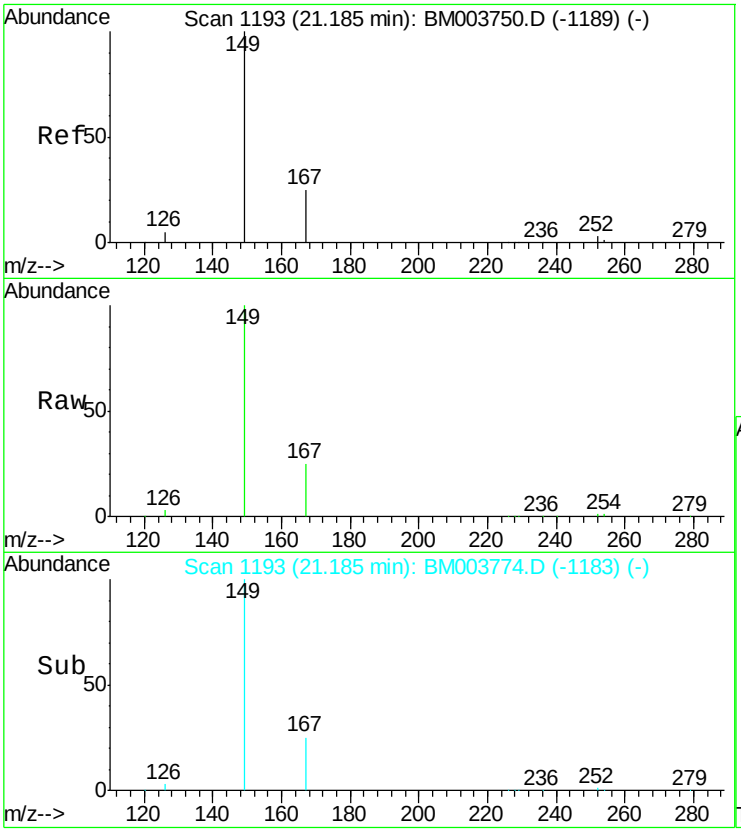


#32
Chrysene
Concen: 0.77 ng
RT: 21.27 min Scan# 1197
Delta R.T. -0.04 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Tgt Ion:228 Resp: 52419

Ion	Ratio	Lower	Upper
228	100		
226	22.3	25.3	37.9#
229	22.8	14.5	21.7#



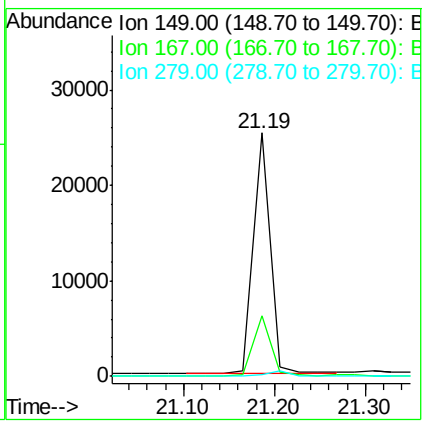


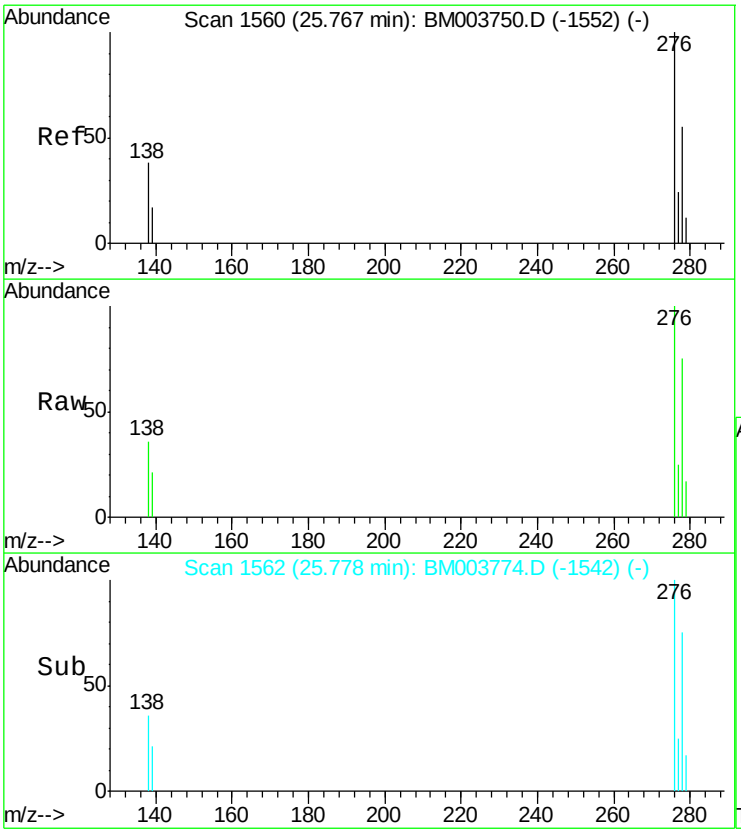
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.86 ng
RT: 21.19 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 32834

Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.1	30.1
279	0.0	0.0	0.0

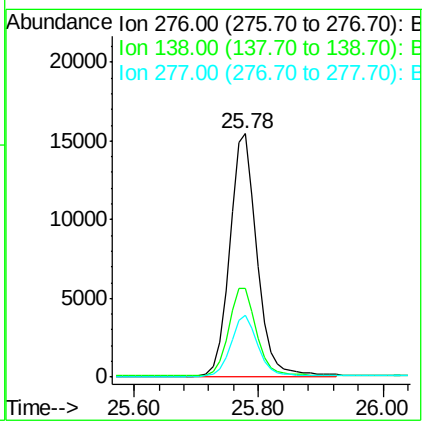


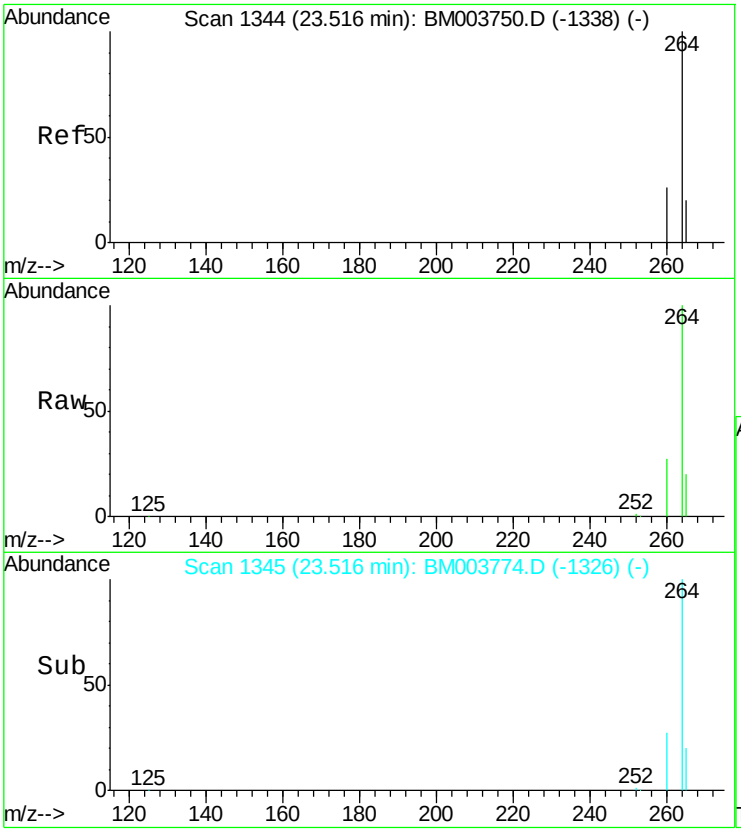


#34
Indeno(1,2,3-cd)pyrene
Concen: 1.03 ng
RT: 25.78 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Tgt Ion:276 Resp: 47057

Ion	Ratio	Lower	Upper
276	100		
138	37.3	30.2	45.2
277	24.9	19.8	29.8



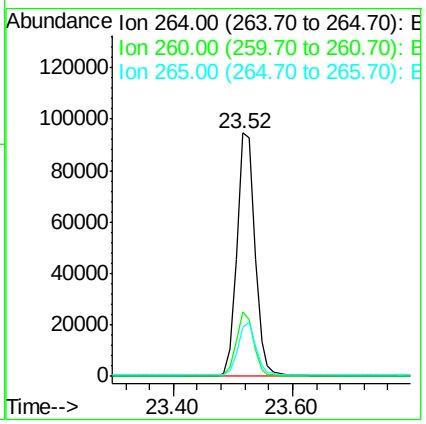


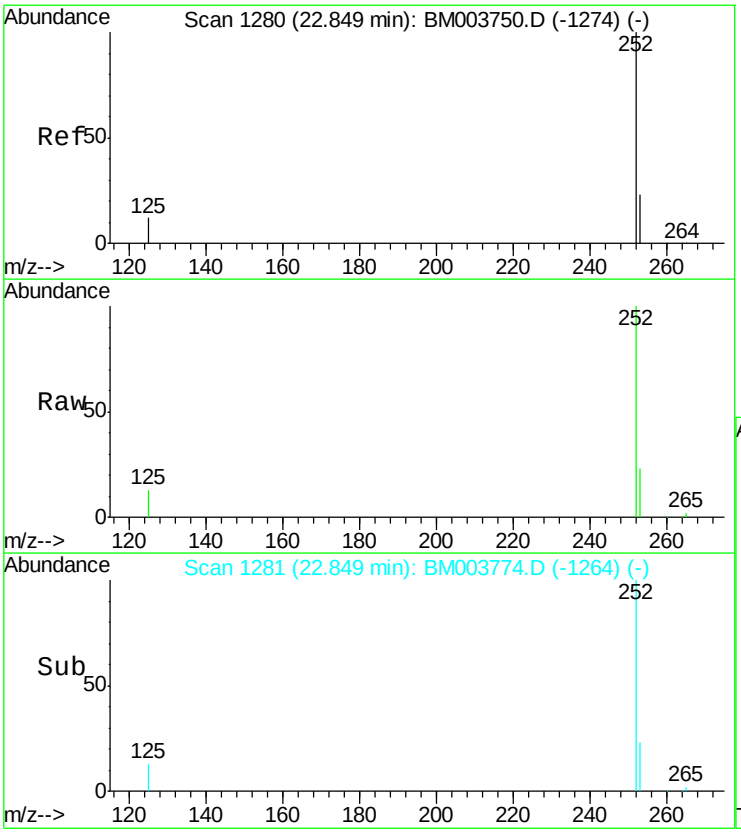
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.52 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 195974

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.2	31.8
265	20.4	16.7	25.1

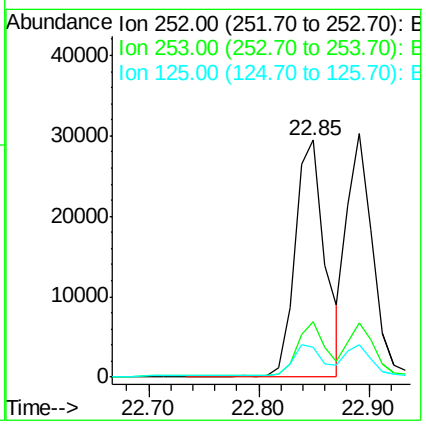


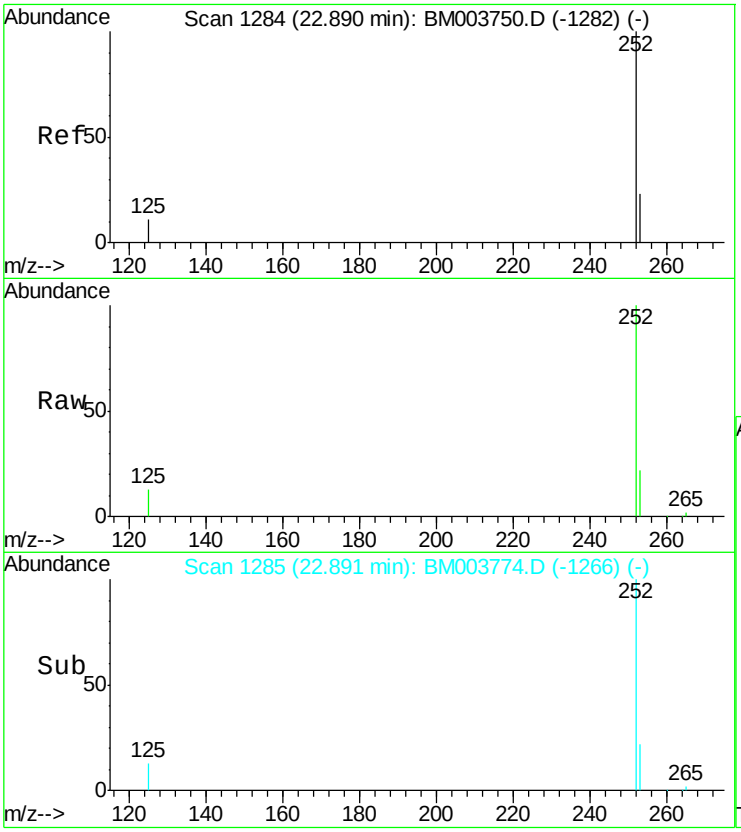


#36
Benzo(b)fluoranthene
Concen: 0.86 ng
RT: 22.85 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Tgt Ion:252 Resp: 55024

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.8	28.2
125	12.7	10.2	15.4



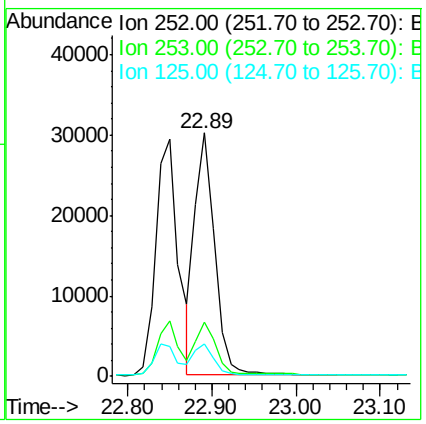


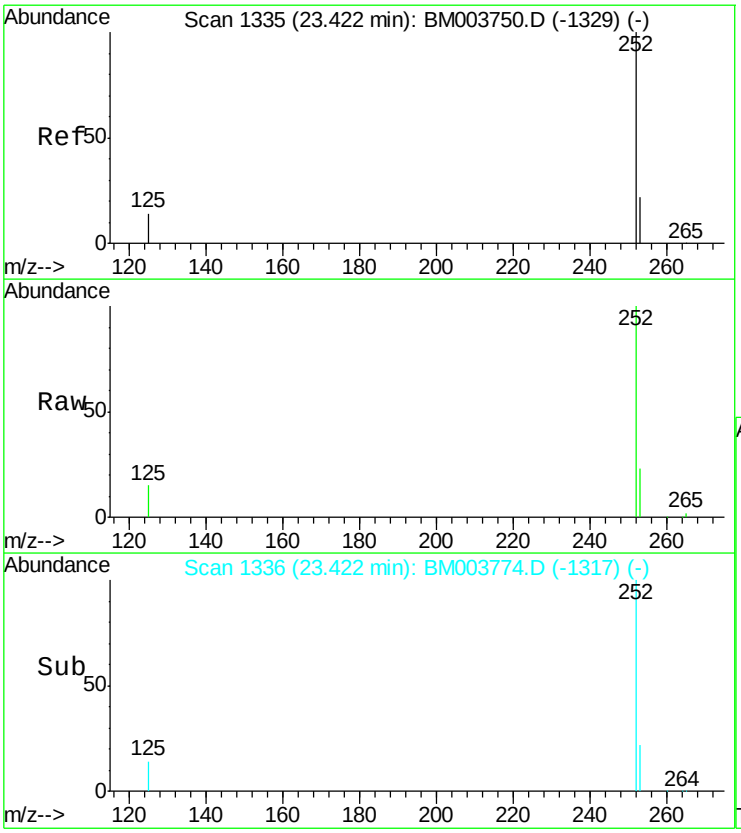
#37
Benzo(k)fluoranthene
Concen: 0.83 ng
RT: 22.89 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 48760

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	13.4	10.6	15.8

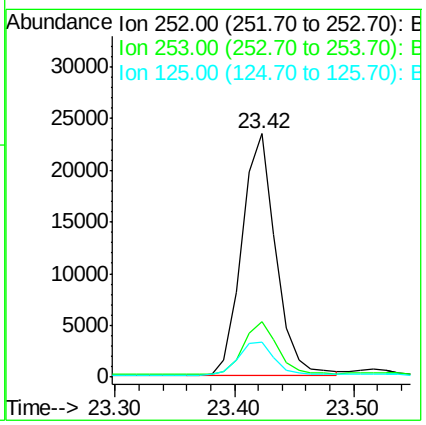


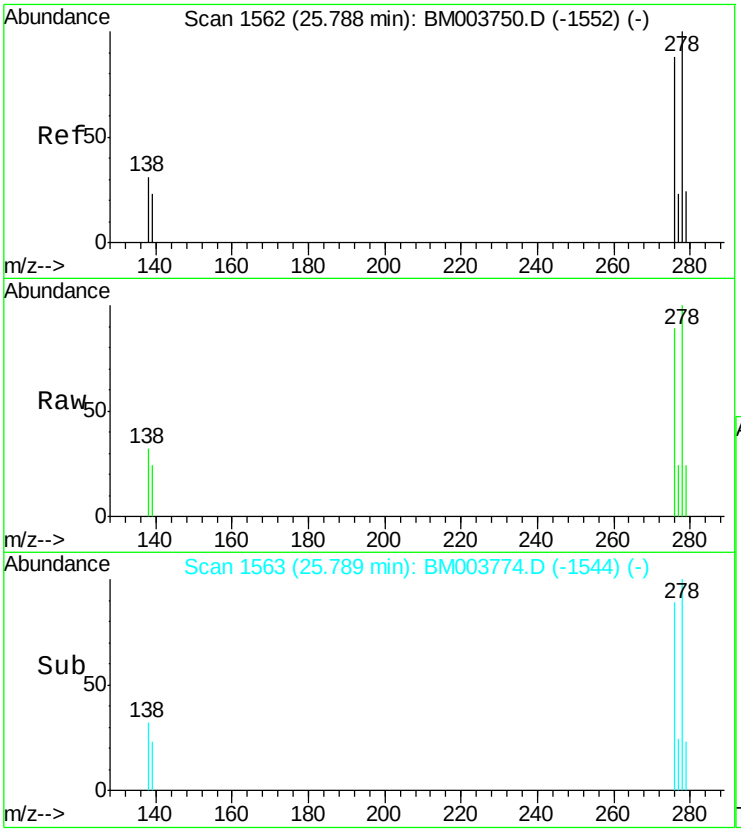


#38
Benzo(a)pyrene
Concen: 0.84 ng
RT: 23.42 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Tgt Ion:252 Resp: 46231

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.7	28.1
125	14.5	11.8	17.8



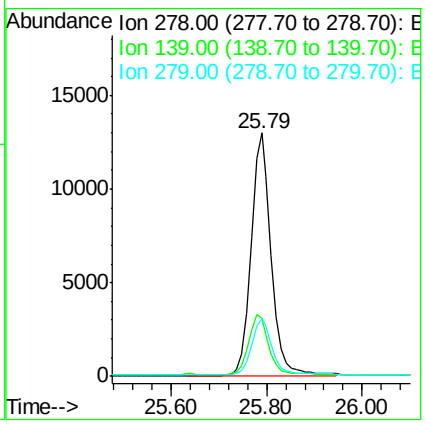


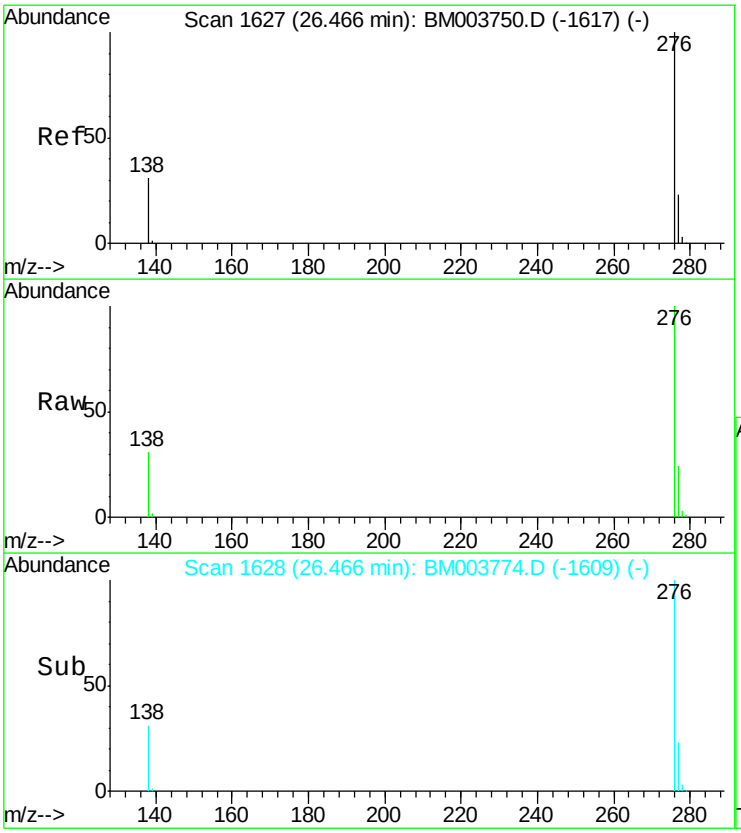
#39
Dibenzo(a,h)anthracene
Concen: 0.88 ng
RT: 25.79 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BM003774.D
Acq: 24 Dec 2015 12:39

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 37828

Ion	Ratio	Lower	Upper
278	100		
139	23.9	19.0	28.6
279	23.9	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: BM003774.D
Acq: 24 Dec 2015 12:39

Tgt Ion:276 Resp: 39414

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	31.1	25.0	37.4