Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003757.D
Acq On : 24 Dec 2015 01:00
Operator : UM/SJ
Sample : PB87313BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 24 03:00:18 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 02:52:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	48413	5.00	ng		0.00
7) Naphthalene-d8	10.48	136	204118	5.00	ng		0.00
13) Acenaphthene-d10	14.33	164	117175	5.00	ng		0.00
19) Phenanthrene-d10	17.09	188	221564	5.00	ng		0.03
26) Chrysene-d12	21.29	240	223668	5.00	ng		0.00
35) Perylene-d12	23.52	264	193257	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	68341	6.19	ng		0.00
5) Phenol-d6	6.86	99	84087	6.19	ng		0.00
8) Nitrobenzene-d5	8.85	82	34201	3.26	ng		0.00
14) 2,4,6-Tribromophenol	15.84	330	18789	5.70	ng		0.00
15) 2-Fluorobiphenyl	12.95	172	122633	3.59	ng		0.00
29) Terphenyl-d14	19.72	244	127003	3.58	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.60	42	17	0.00	ng	#	12
6) bis(2-Chloroethyl)ether	7.10	93	4	0.00	ng	#	22
9) Nitrobenzene	8.85	77	123	0.01	ng	#	34
10) Naphthalene	10.51	128	74	0.00	ng	#	1
12) 2-Methylnaphthalene	12.16	142	21	0.00	ng	#	46
16) Acenaphthylene	14.04	152	31	0.00	ng	#	78
17) Acenaphthene	14.33	154	525	0.02	ng	#	11
18) Fluorene	15.39	166	55	0.00	ng	#	93
20) 4-Bromophenyl-phenylether	16.27	248	17	Below Cal		#	62
21) Hexachlorobenzene	16.40	284	26	Below Cal		#	93
22) Pentachlorophenol	16.76	266	54	0.45	ng	#	70
23) Phenanthrene	17.11	178	305	0.00	ng	#	80
24) Anthracene	17.22	178	78	0.00	ng	#	78
25) Fluoranthene	19.16	202	257	0.00	ng	#	87
27) Benzidine	19.36	184	253	0.52	ng	#	6
28) Pyrene	19.52	202	253	0.00	ng	#	88
30) Benzo(a)anthracene	21.27	228	1330	0.02	ng	#	93
31) 3,3'-Dichlorobenzidine	21.21	252	113	0.30	ng	#	62
32) Chrysene	21.27	228	1340	0.02	ng	#	80
33) Bis(2-ethylhexyl)phthalate	21.19	149	437	0.24	ng	#	84
34) Indeno(1,2,3-cd)pyrene	25.79	276	123	0.00	ng		93
36) Benzo(b)fluoranthene	22.86	252	217	0.00	ng	#	1
37) Benzo(k)fluoranthene	22.90	252	136	0.00	ng	#	1
38) Benzo(a)pyrene	23.42	252	108	0.00	ng	#	1
39) Dibenzo(a,h)anthracene	25.81	278	99	0.00	ng	#	1
40) Benzo(g,h,i)perylene	26.48	276	122	0.00	ng	#	1

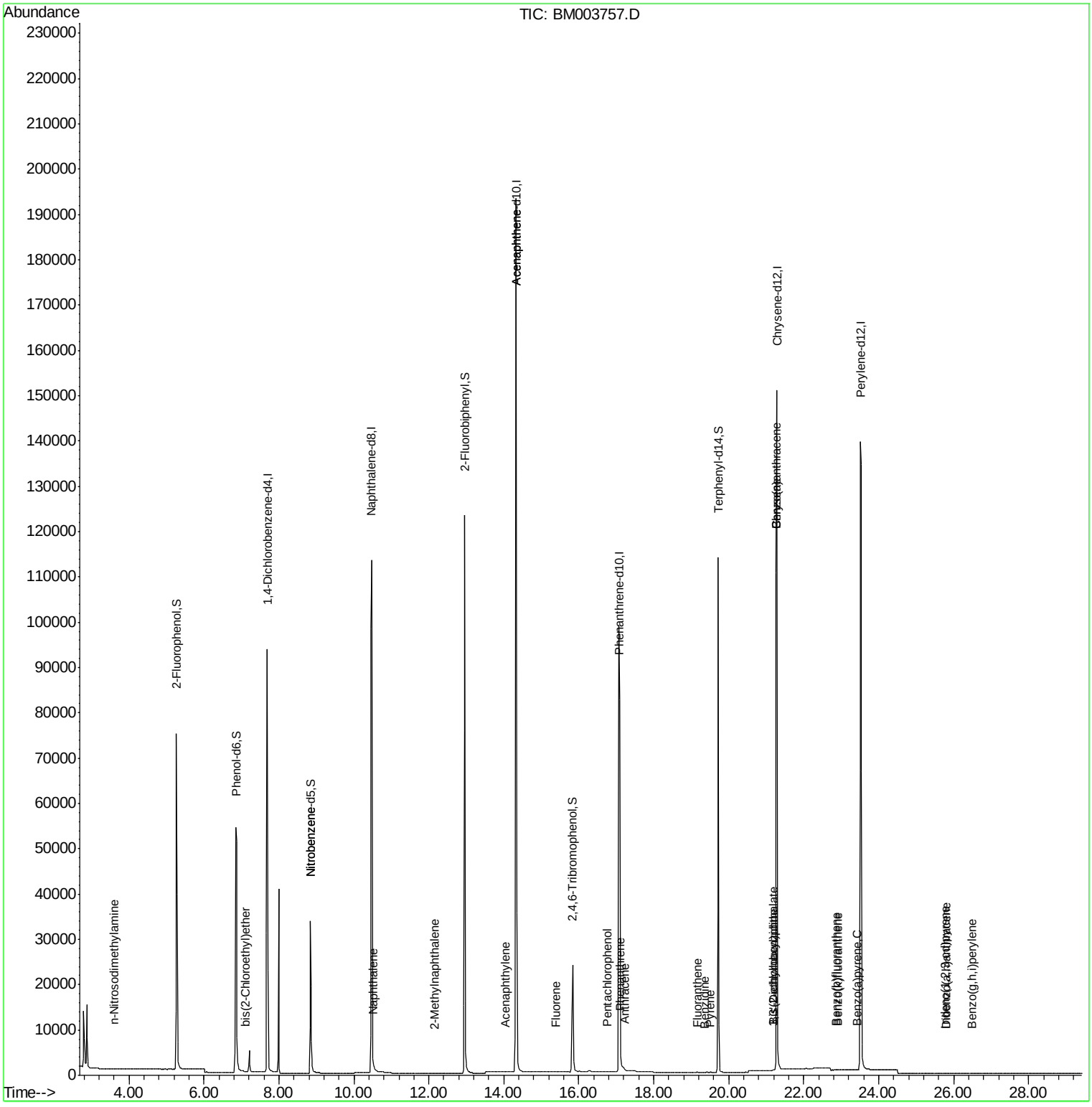
(#) = qualifier out of range (m) = manual integration (+) = signals summed

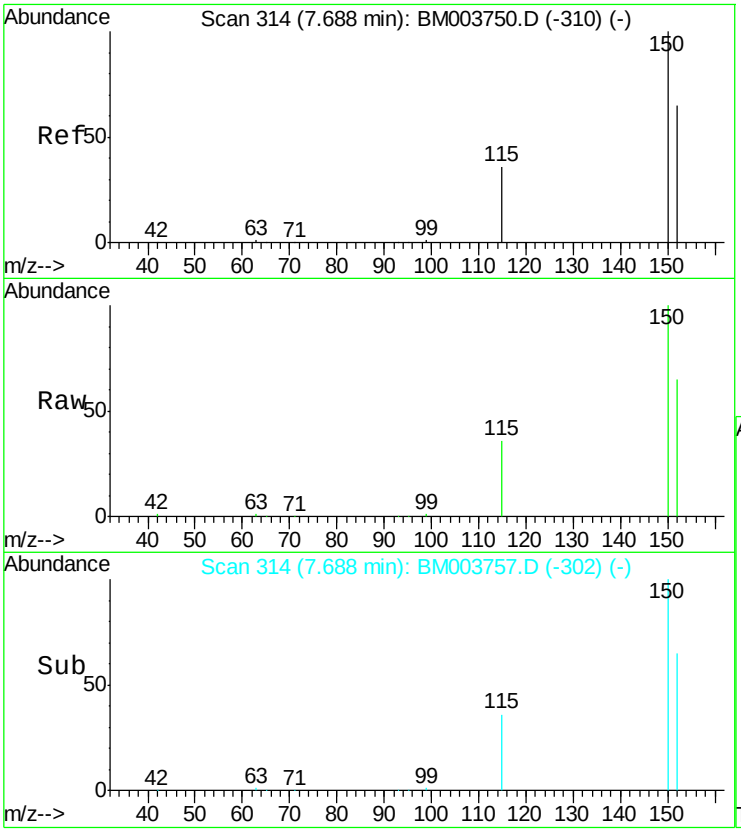
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003757.D
Acq On : 24 Dec 2015 01:00
Operator : UM/SJ
Sample : PB87313BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 24 03:00:18 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 02:52:28 2015
Response via : Initial Calibration



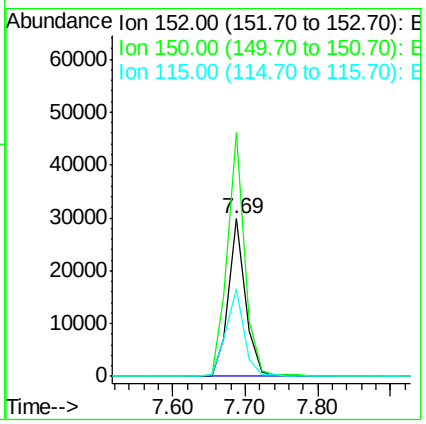


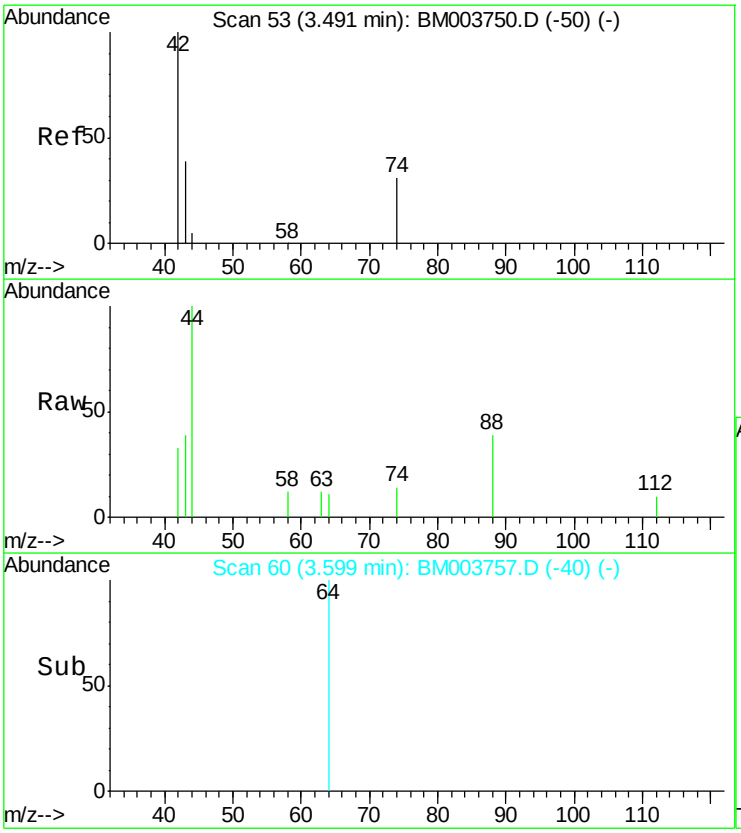
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 314
Delta R.T. -0.00 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 48413

Ion	Ratio	Lower	Upper
152	100		
150	154.7	122.9	184.3
115	55.8	44.4	66.6

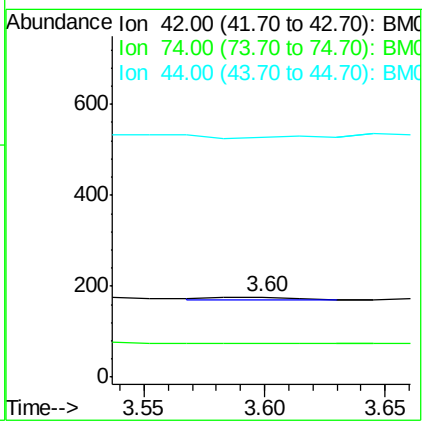


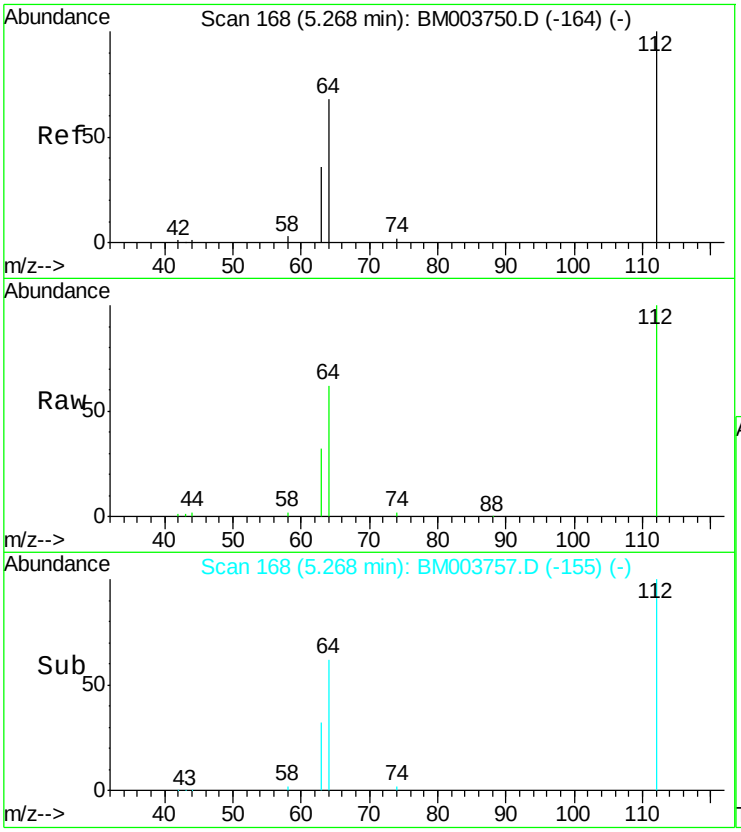


#3
n-Nitrosodimethylamine
Concen: 0.00 ng
RT: 3.60 min Scan# 60
Delta R.T. 0.11 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Tgt Ion: 42 Resp: 17

Ion	Ratio	Lower	Upper
42	100		
74	17.6	95.0	142.4#
44	0.0	5.1	7.7#

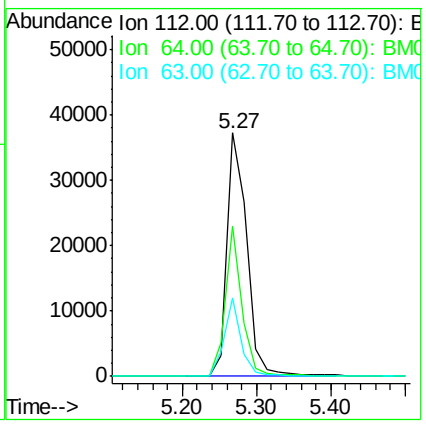




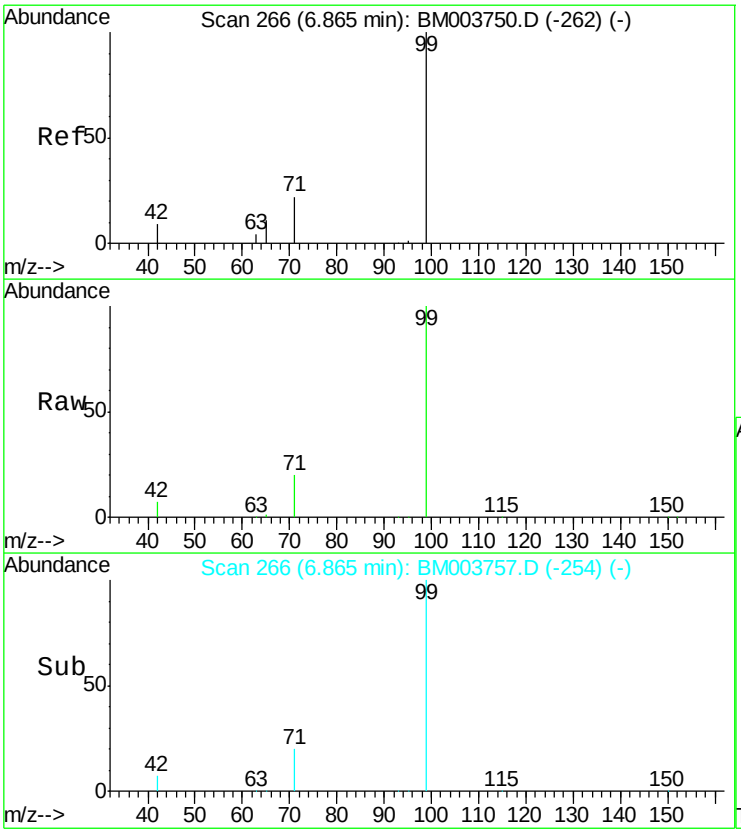
#4
2-Fluorophenol
Concen: 6.19 ng
RT: 5.27 min Scan# 168
Delta R.T. -0.00 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Tgt Ion:112 Resp: 68341

Ion	Ratio	Lower	Upper
112	100		
64	52.3	41.8	62.8
63	27.3	22.1	33.1



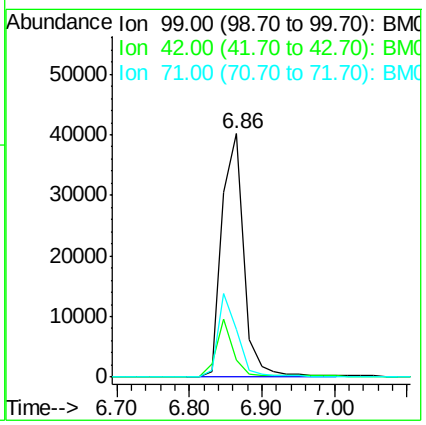
Instrument :
BNA_M
ClientSampleId :

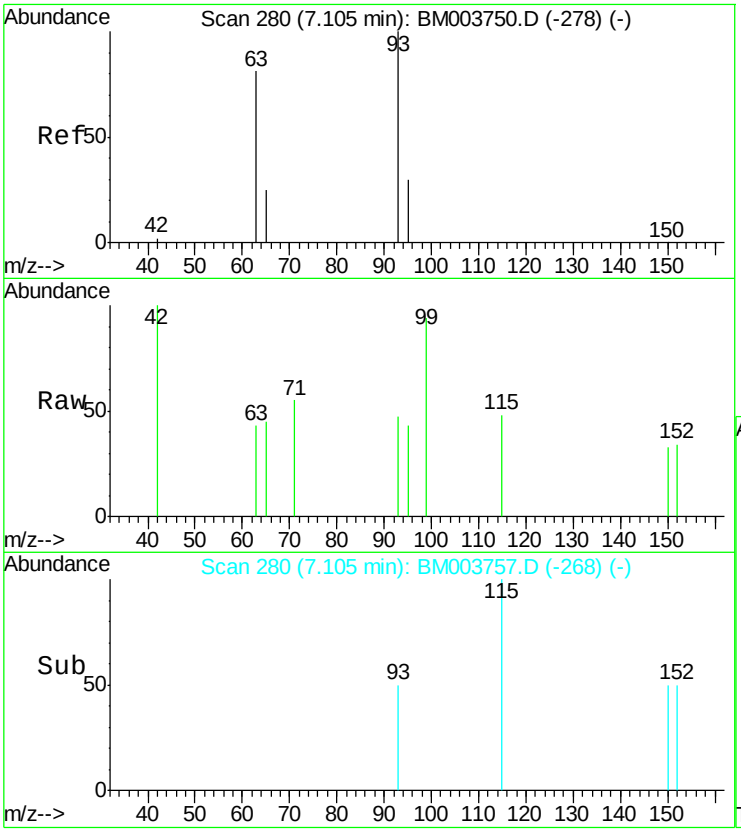


#5
Phenol-d6
Concen: 6.19 ng
RT: 6.86 min Scan# 266
Delta R.T. -0.00 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Tgt Ion: 99 Resp: 84087

Ion	Ratio	Lower	Upper
99	100		
42	18.7	16.2	24.2
71	30.5	24.4	36.6



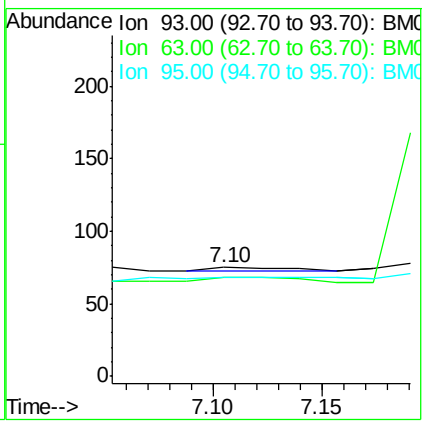


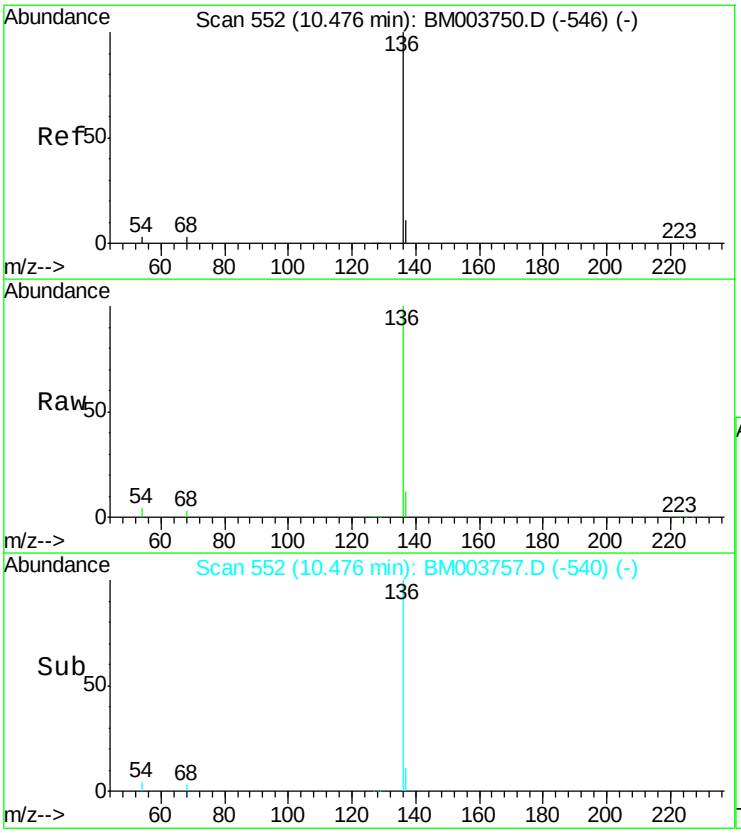
#6
bis(2-Chloroethyl)ether
Concen: 0.00 ng
RT: 7.10 min Scan# 280
Delta R.T. -0.00 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 93 Resp: 4

Ion	Ratio	Lower	Upper
93	100		
63	0.0	58.3	87.5#
95	0.0	25.8	38.8#

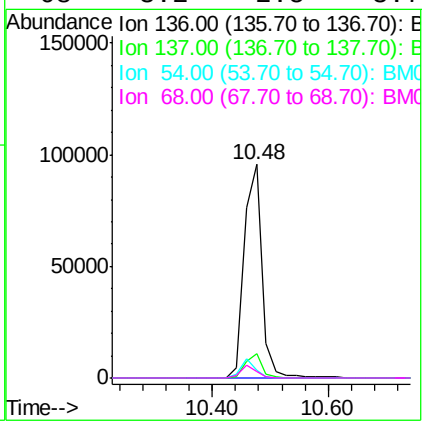


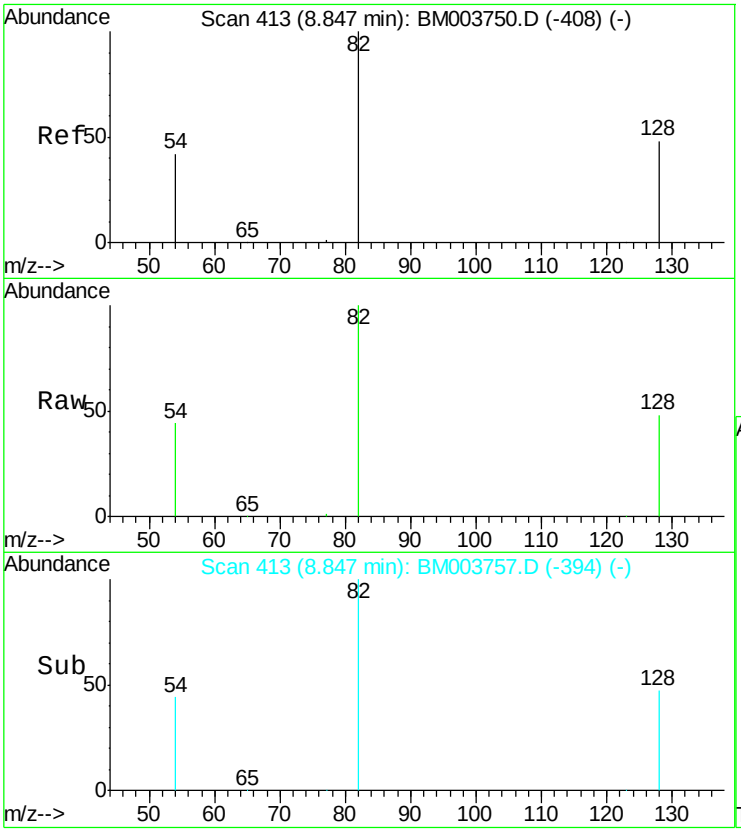


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.48 min Scan# 552
Delta R.T. -0.00 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Tgt Ion:136 Resp: 204118

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	3.7	2.8	4.2
68	3.2	2.5	3.7



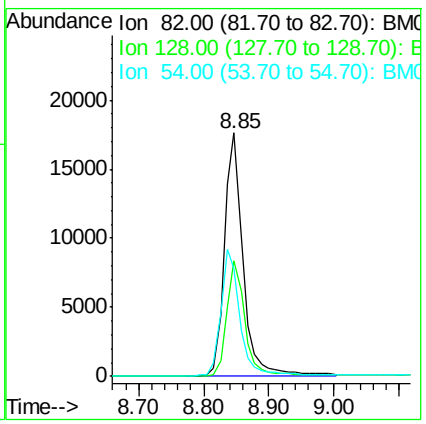


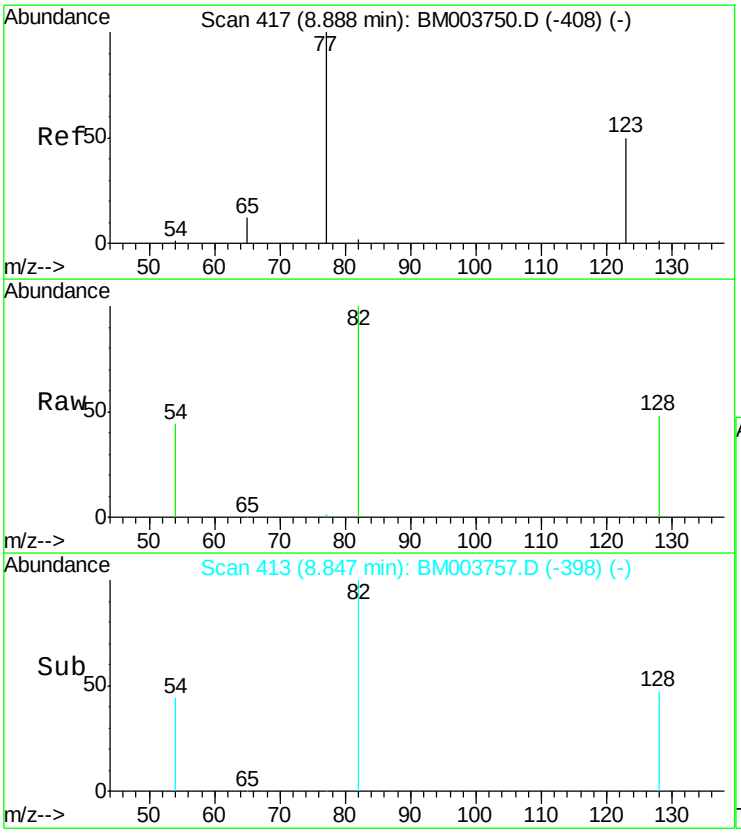
#8
Nitrobenzene-d5
Concen: 3.26 ng
RT: 8.85 min Scan# 413
Delta R.T. -0.00 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 34201

Ion	Ratio	Lower	Upper
82	100		
128	47.6	39.1	58.7
54	44.1	34.8	52.2

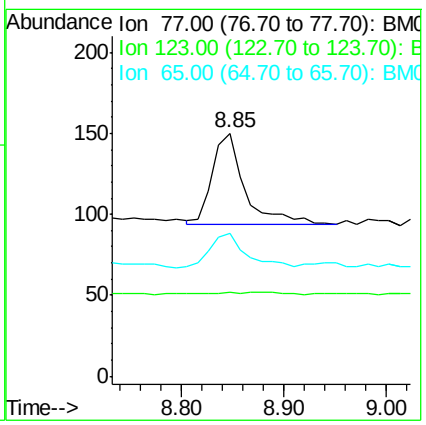


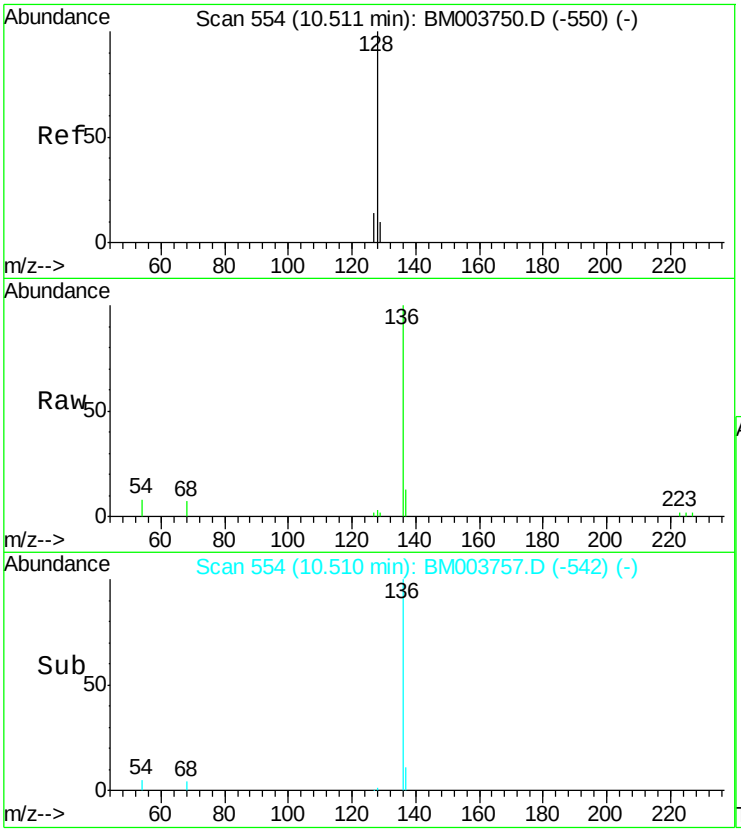


#9
Nitrobenzene
Concen: 0.01 ng
RT: 8.85 min Scan# 413
Delta R.T. -0.04 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Tgt Ion: 77 Resp: 123

Ion	Ratio	Lower	Upper
77	100		
123	5.7	38.6	57.8#
65	42.3	9.9	14.9#



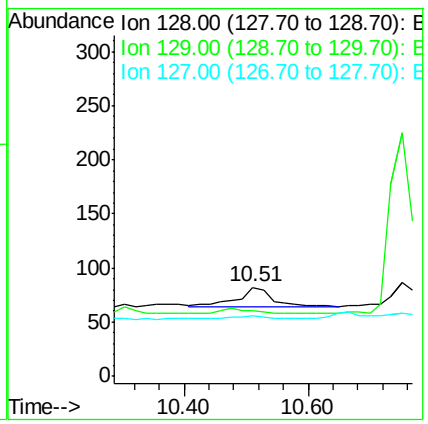


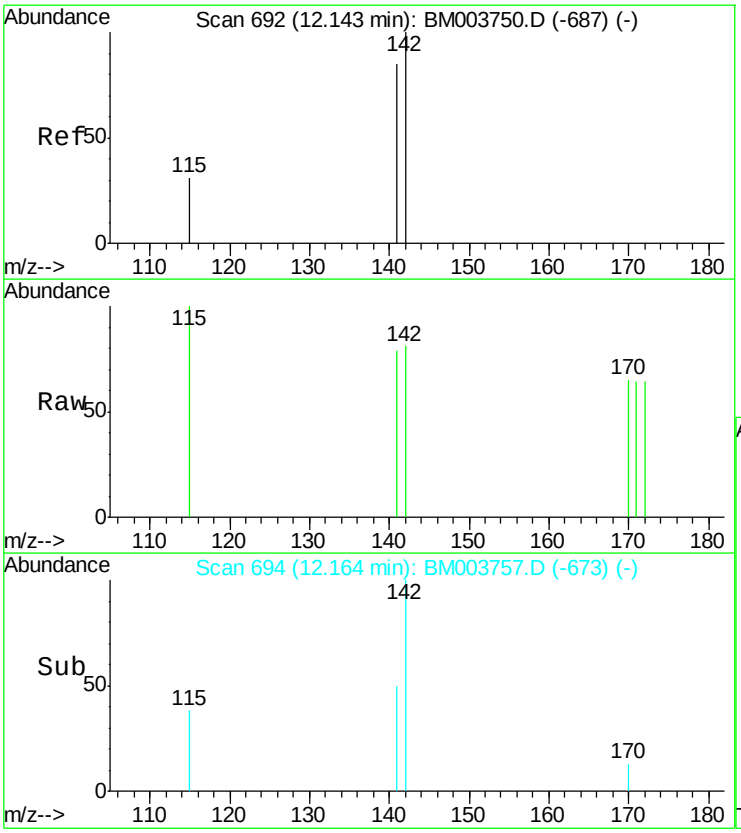
#10
Naphthalene
Concen: 0.00 ng
RT: 10.51 min Scan# 554
Delta R.T. -0.00 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 74

Ion	Ratio	Lower	Upper
128	100		
129	73.2	8.5	12.7#
127	68.3	11.0	16.4#

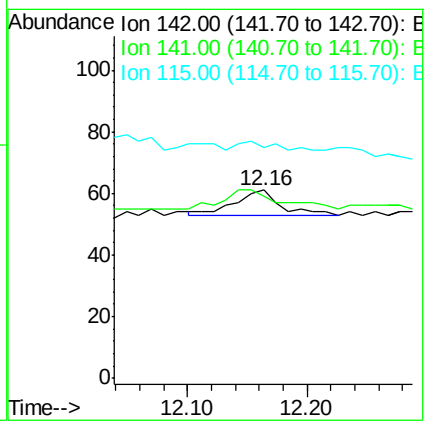


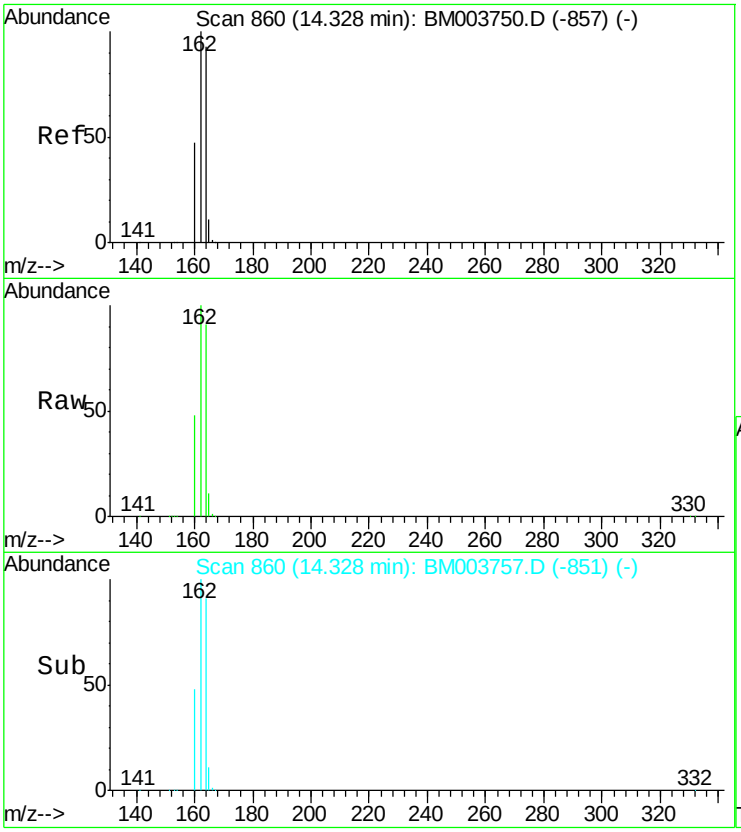


#12
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.16 min Scan# 694
Delta R.T. 0.02 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Tgt Ion:142 Resp: 21

Ion	Ratio	Lower	Upper
142	100		
141	96.7	67.8	101.8
115	123.0	25.3	37.9#



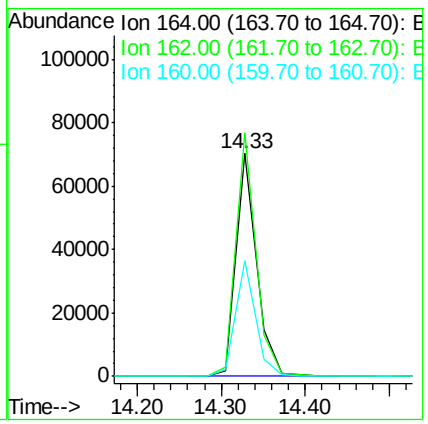


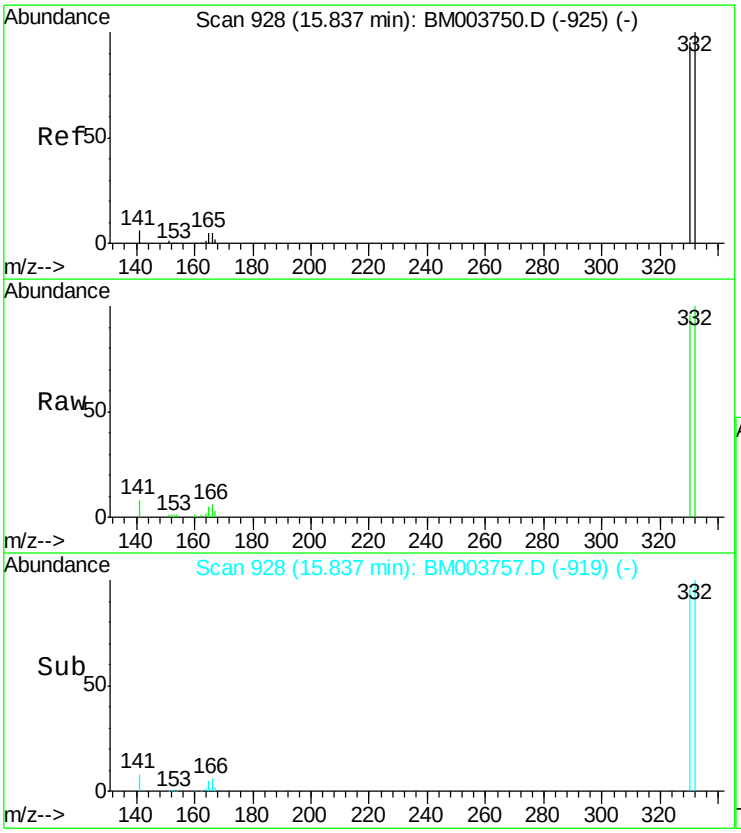
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.33 min Scan# 860
Delta R.T. -0.00 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 117175

Ion	Ratio	Lower	Upper
164	100		
162	109.3	86.0	129.0
160	52.1	40.3	60.5

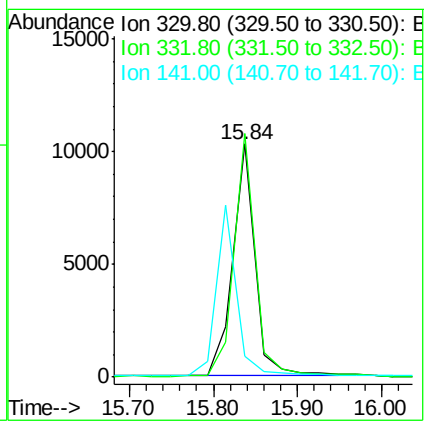


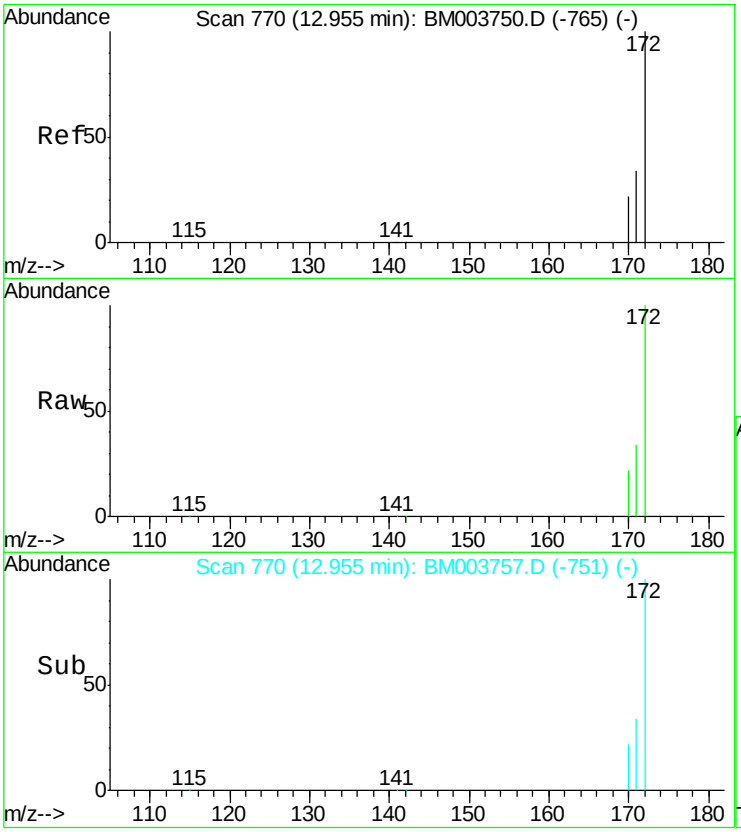


#14
2,4,6-Tribromophenol
Concen: 5.70 ng
RT: 15.84 min Scan# 928
Delta R.T. -0.00 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Tgt Ion:330 Resp: 18789

Ion	Ratio	Lower	Upper
330	100		
332	99.1	79.0	118.4
141	0.0	0.0	0.0



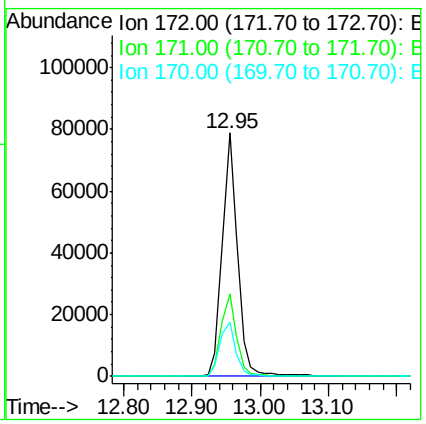


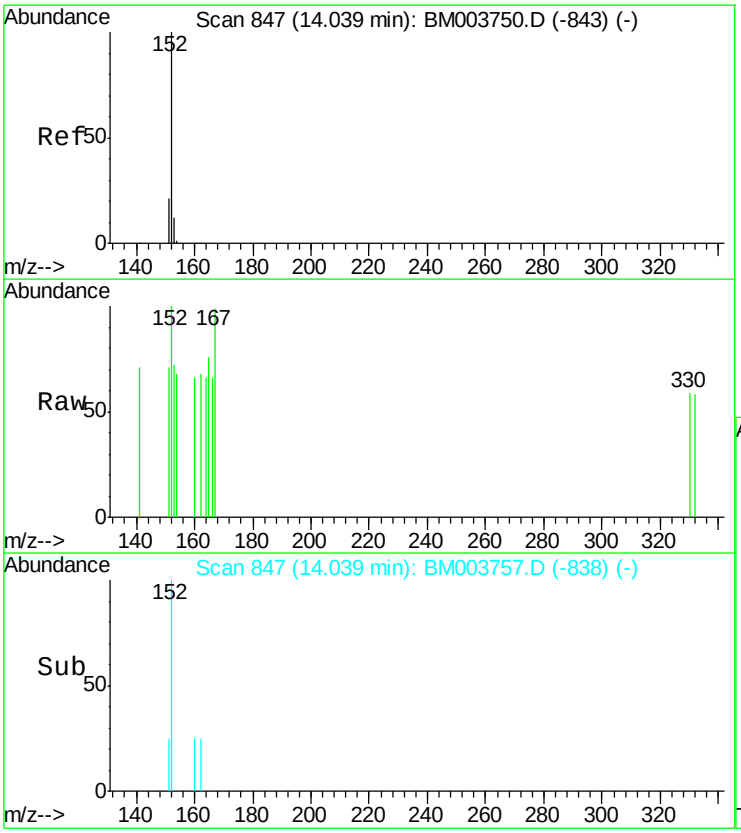
#15
2-Fluorobiphenyl
Concen: 3.59 ng
RT: 12.95 min Scan# 770
Delta R.T. -0.00 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 122633

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.0	40.6
170	22.1	17.9	26.9

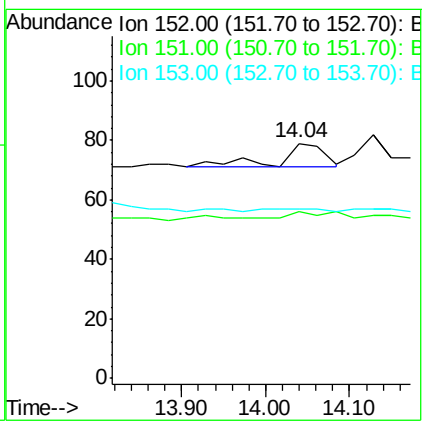


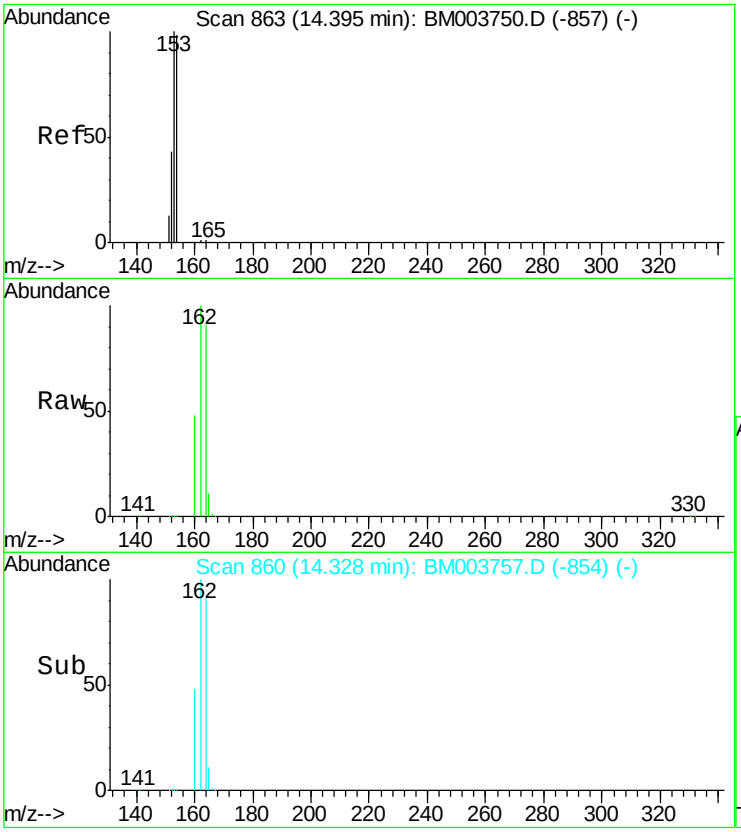


#16
Acenaphthylene
Concen: 0.00 ng
RT: 14.04 min Scan# 847
Delta R.T. -0.00 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Tgt Ion:152 Resp: 31

Ion	Ratio	Lower	Upper
152	100		
151	12.9	15.8	23.8#
153	0.0	10.2	15.4#



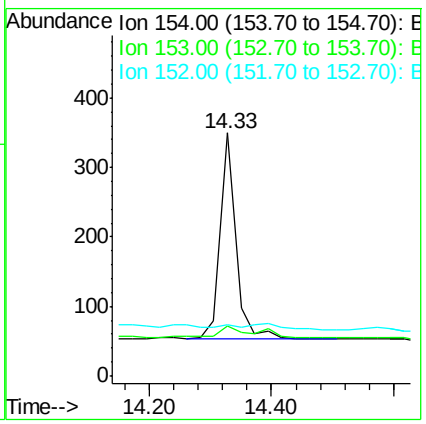


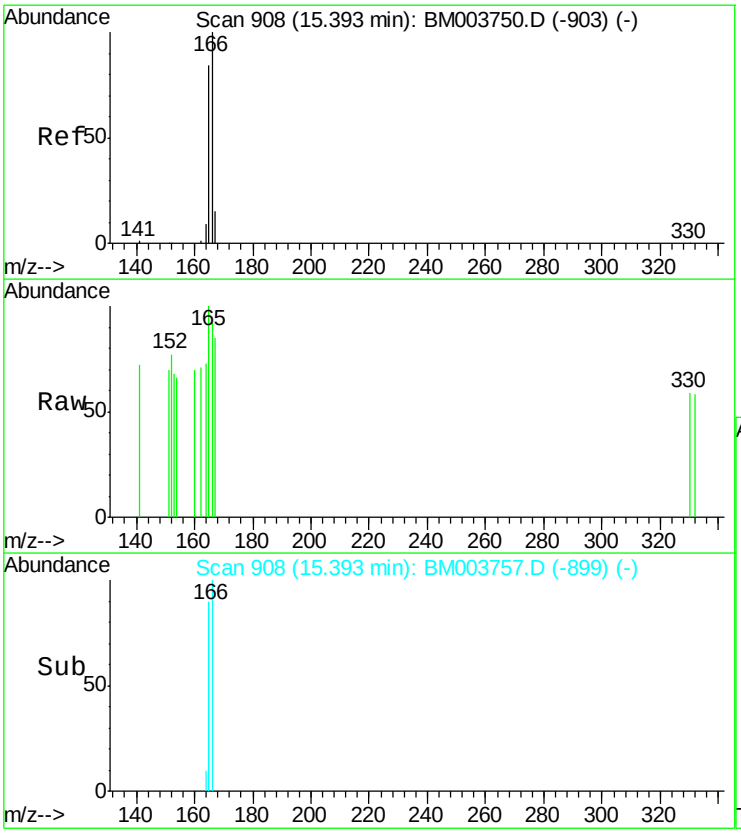
#17
Acenaphthene
Concen: 0.02 ng
RT: 14.33 min Scan# 860
Delta R.T. -0.07 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 525

Ion	Ratio	Lower	Upper
154	100		
153	5.9	85.4	128.2#
152	0.0	40.6	60.8#

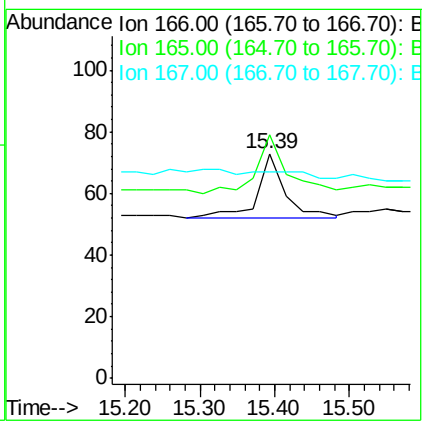


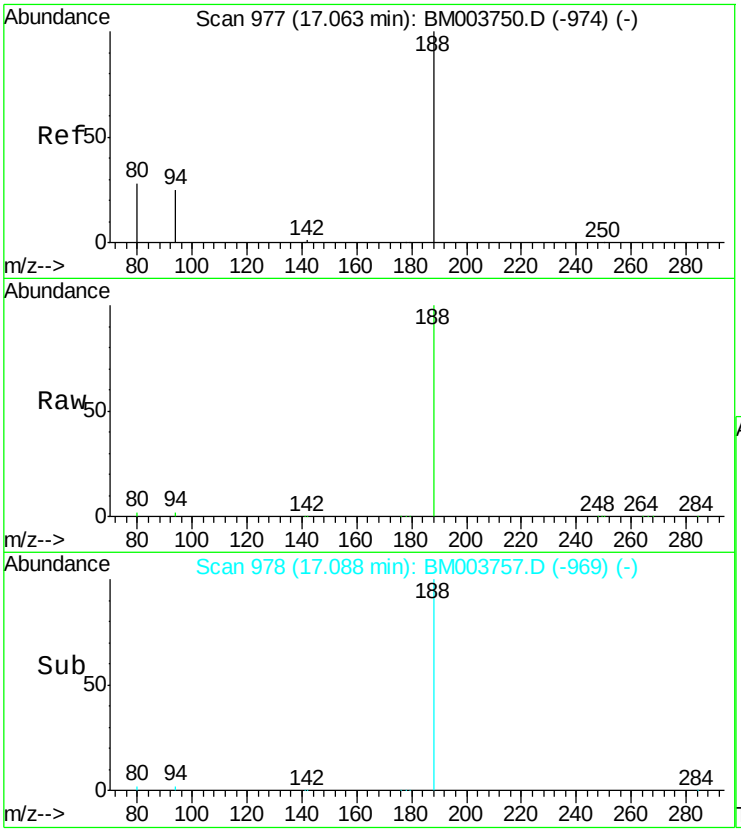


#18
Fluorene
Concen: 0.00 ng
RT: 15.39 min Scan# 908
Delta R.T. -0.00 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Tgt Ion:166 Resp: 55

Ion	Ratio	Lower	Upper
166	100		
165	100.0	77.2	115.8
167	0.0	11.0	16.6#



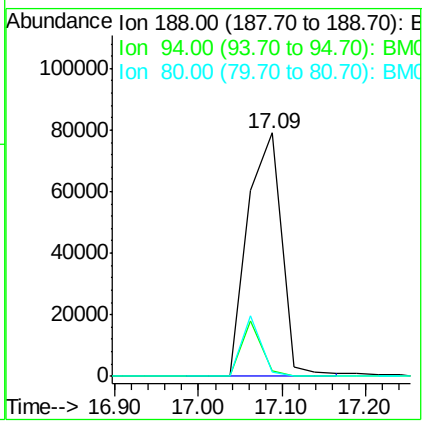


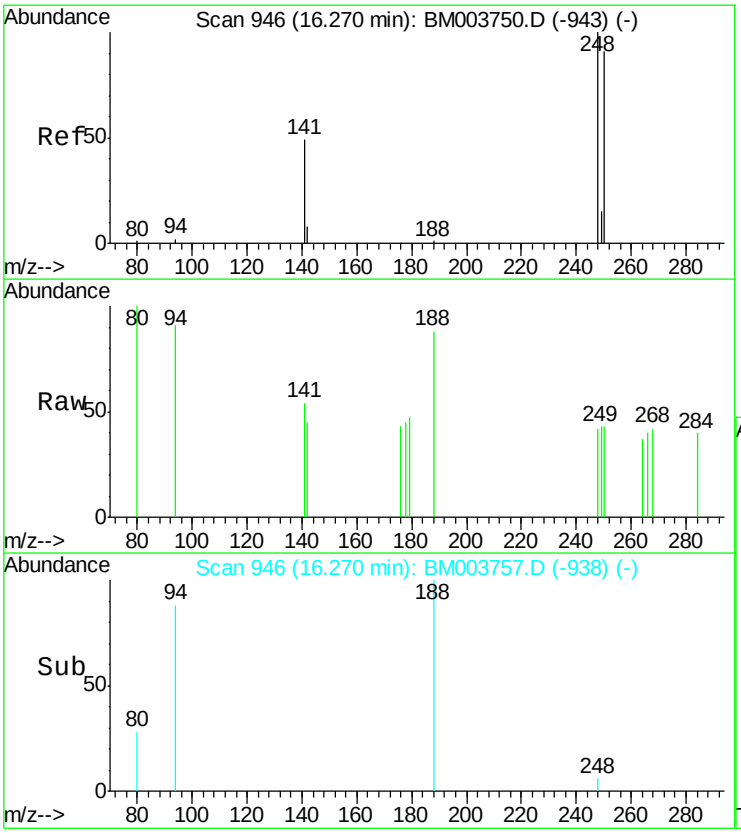
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 978
Delta R.T. 0.03 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 221564

Ion	Ratio	Lower	Upper
188	100		
94	2.1	20.3	30.5#
80	1.7	22.2	33.4#

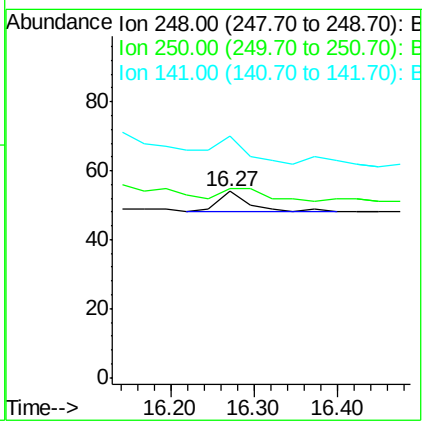


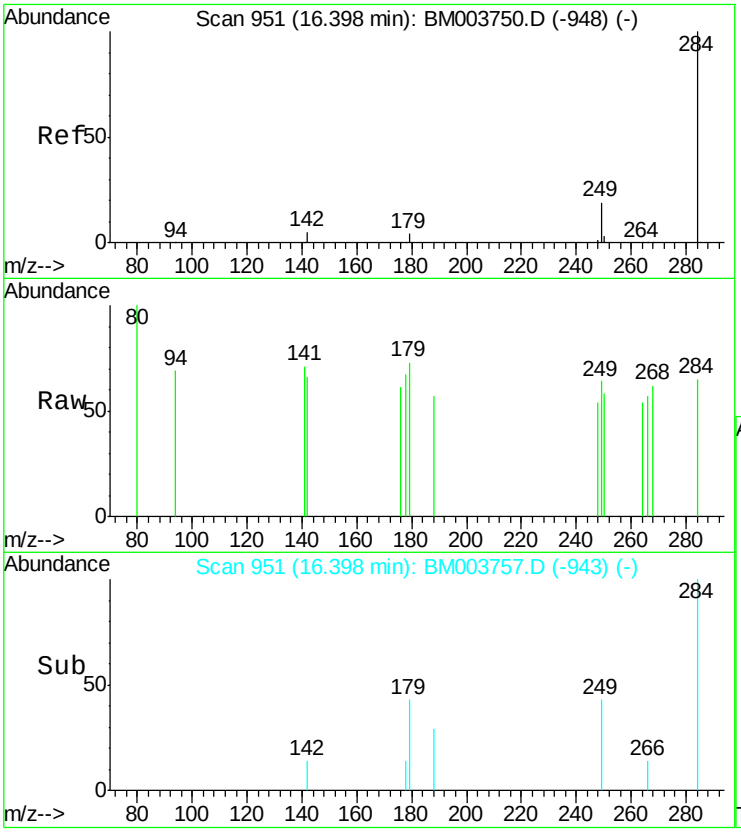


#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.27 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Tgt Ion:248 Resp: 17

Ion	Ratio	Lower	Upper
248	100		
250	88.2	75.0	112.4
141	0.0	53.0	79.4#



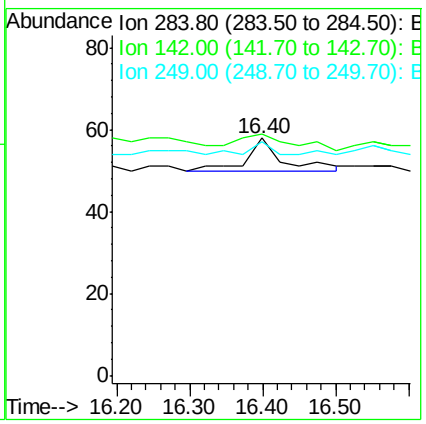


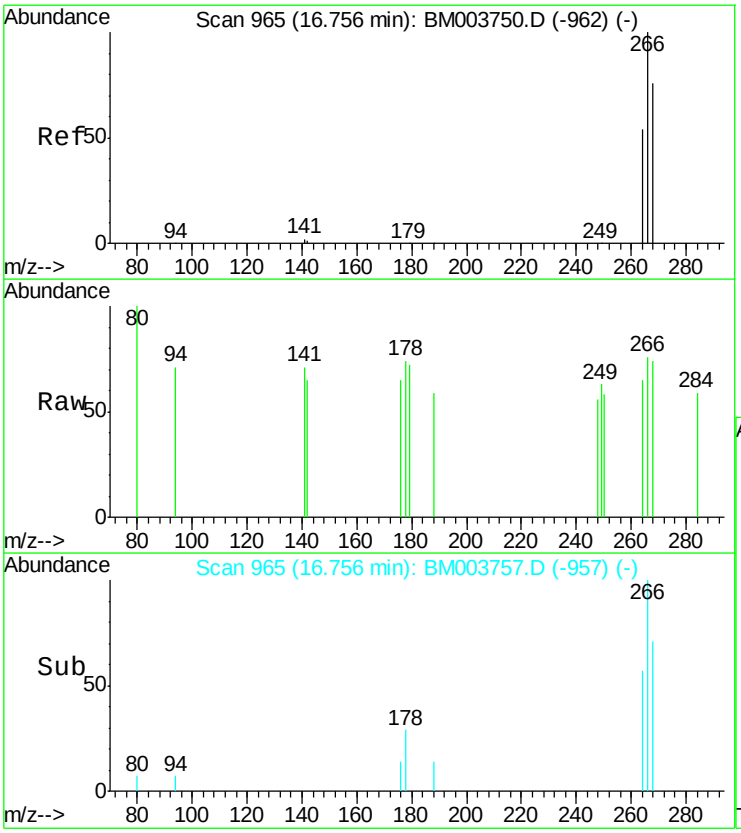
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.40 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 26

Ion	Ratio	Lower	Upper
284	100		
142	69.2	0.0	0.0#
249	23.1	21.5	32.3

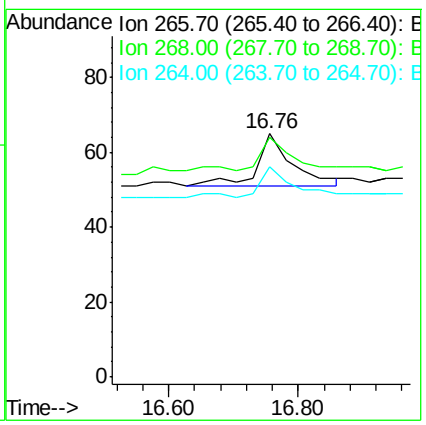


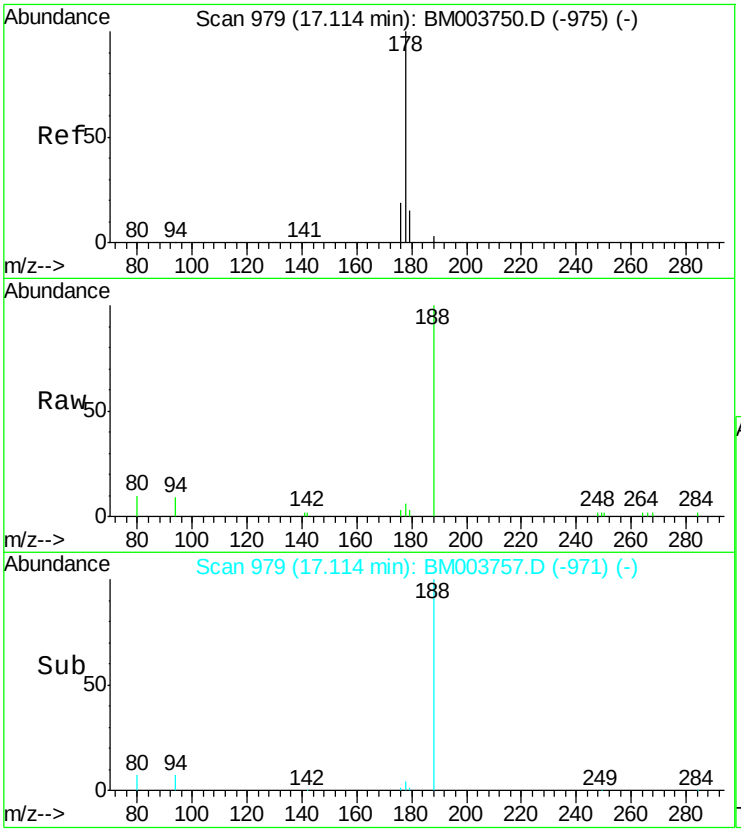


#22
Pentachlorophenol
Concen: 0.45 ng
RT: 16.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Tgt Ion:266 Resp: 54

Ion	Ratio	Lower	Upper
266	100		
268	98.5	62.7	94.1#
264	86.2	45.7	68.5#



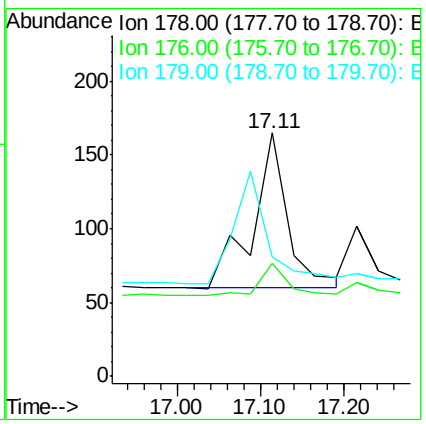


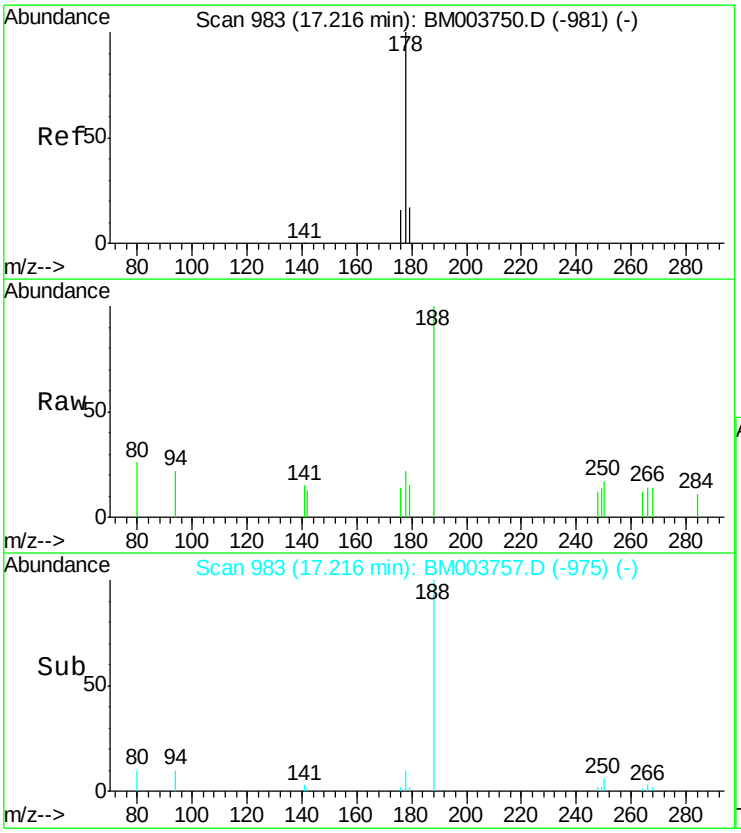
#23
Phenanthrene
Concen: 0.00 ng
RT: 17.11 min Scan# 979
Delta R.T. -0.00 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 305

Ion	Ratio	Lower	Upper
178	100		
176	16.1	15.4	23.0
179	0.0	12.2	18.4#

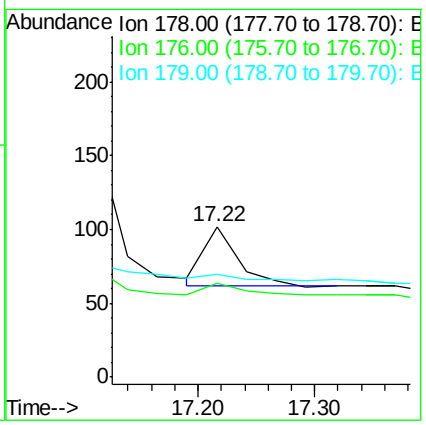


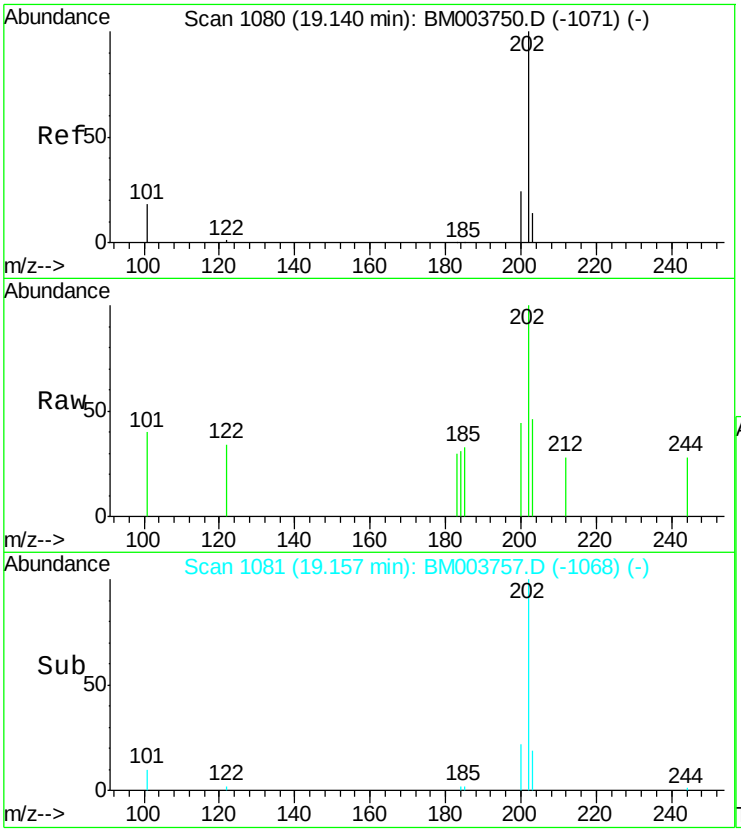


#24
Anthracene
Concen: 0.00 ng
RT: 17.22 min Scan# 983
Delta R.T. -0.00 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Tgt Ion:178 Resp: 78

Ion	Ratio	Lower	Upper
178	100		
176	21.8	14.6	21.8
179	0.0	12.6	19.0#



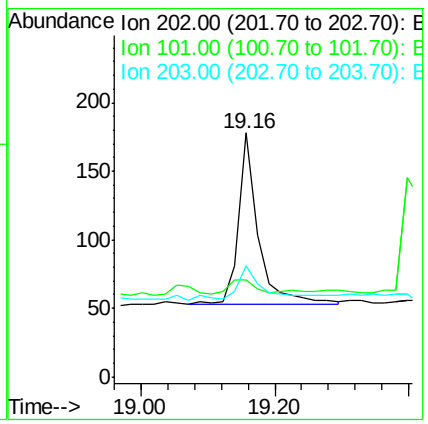


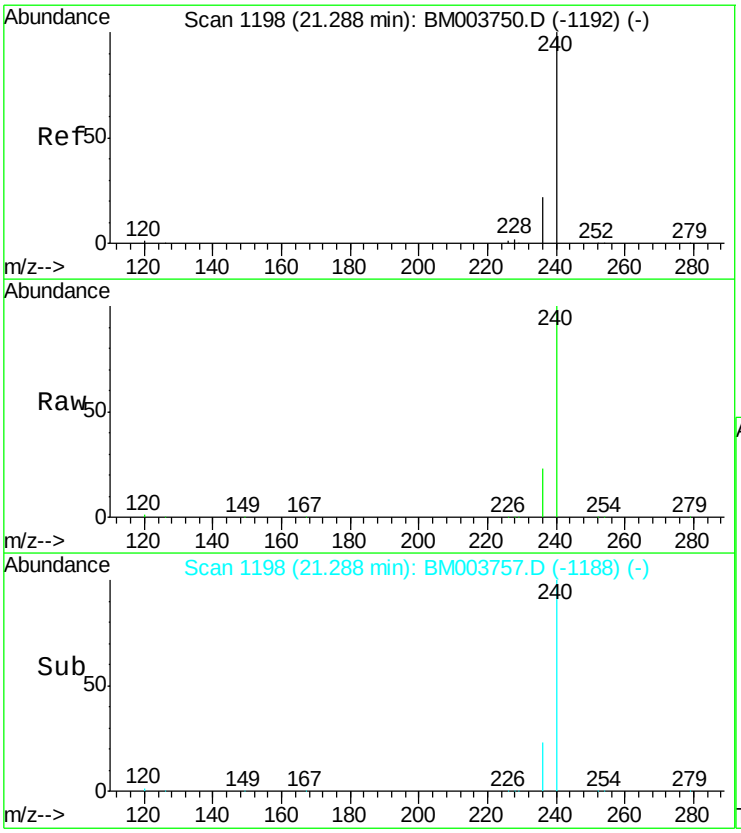
#25
Fluoranthene
Concen: 0.00 ng
RT: 19.16 min Scan# 1081
Delta R.T. 0.02 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 257

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.7	14.5
203	26.8	13.8	20.8#

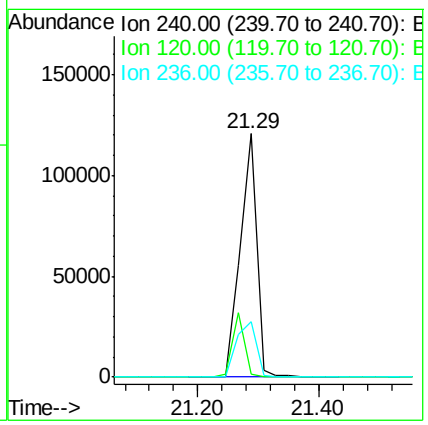


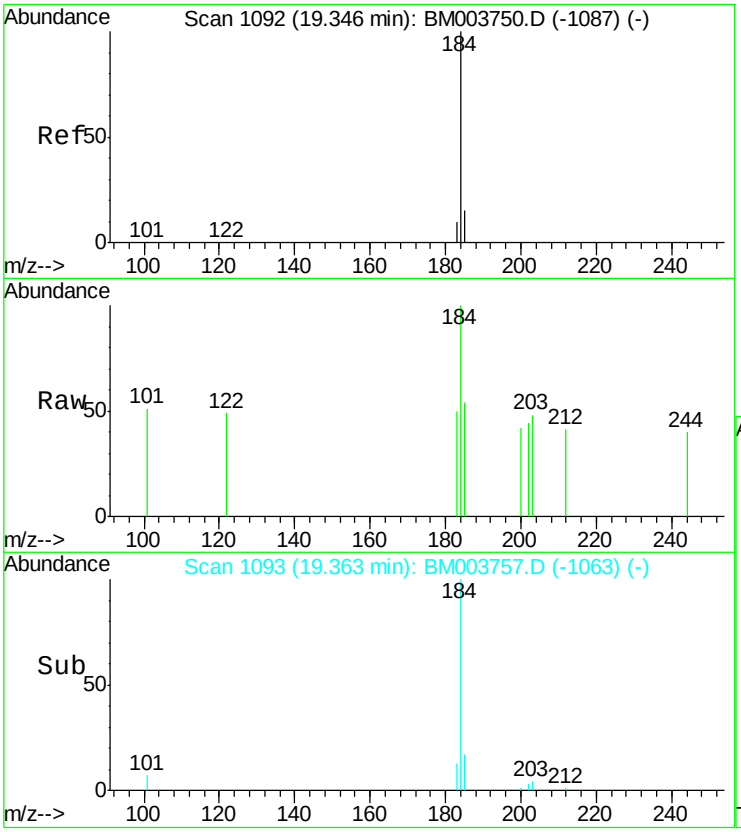


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Tgt Ion:240 Resp: 223668

Ion	Ratio	Lower	Upper
240	100		
120	1.4	0.9	1.3#
236	22.6	17.3	25.9



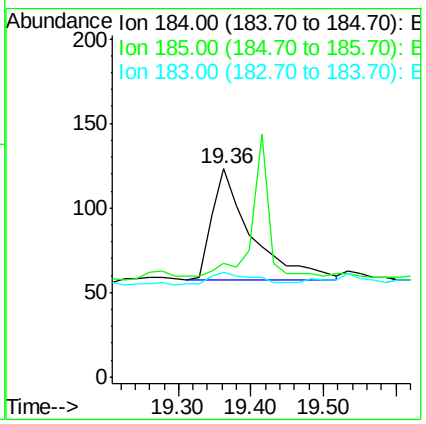


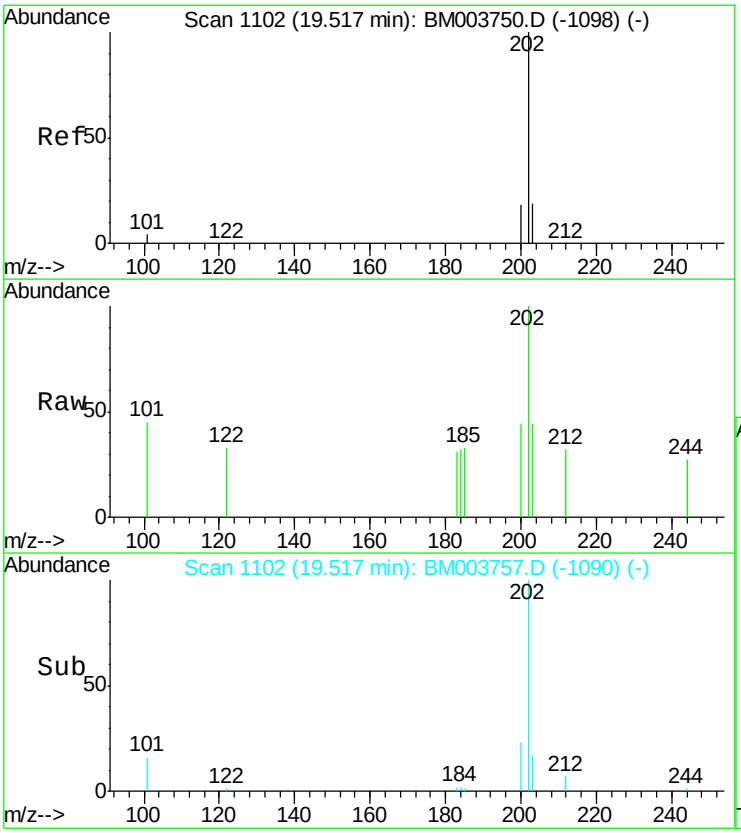
#27
Benzidine
Concen: 0.52 ng
RT: 19.36 min Scan# 1093
Delta R.T. 0.02 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 253

Ion	Ratio	Lower	Upper
184	100		
185	54.5	13.2	19.8#
183	50.4	9.0	13.6#

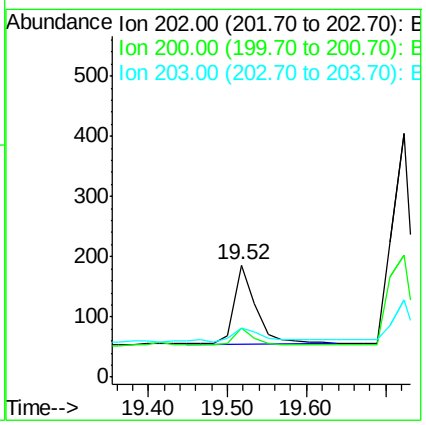


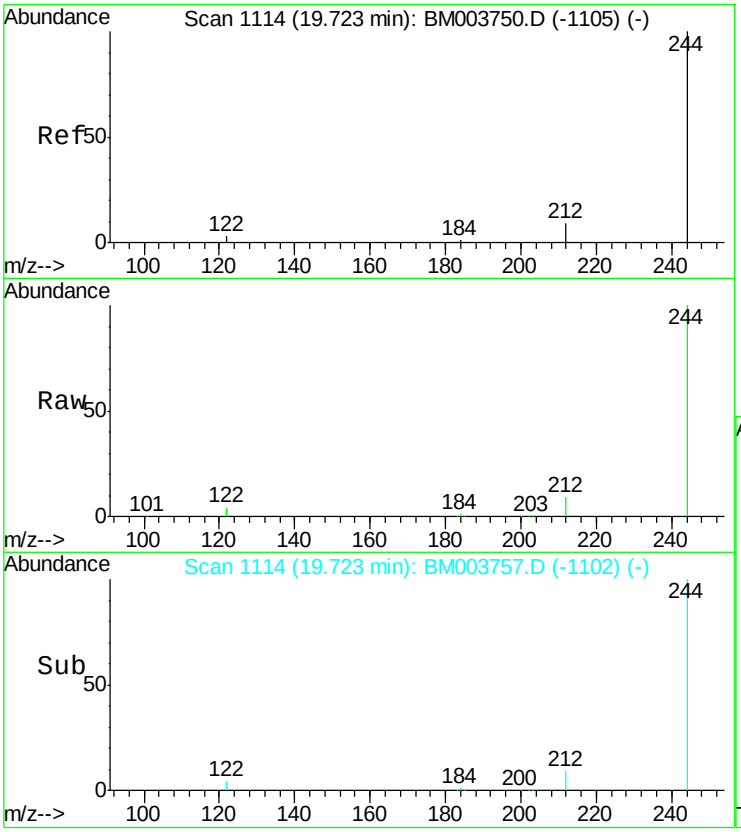


#28
Pyrene
Concen: 0.00 ng
RT: 19.52 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Tgt Ion:202 Resp: 253

Ion	Ratio	Lower	Upper
202	100		
200	24.1	16.6	24.8
203	25.3	14.0	21.0#



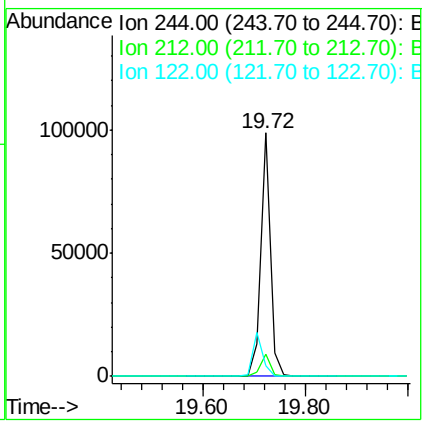


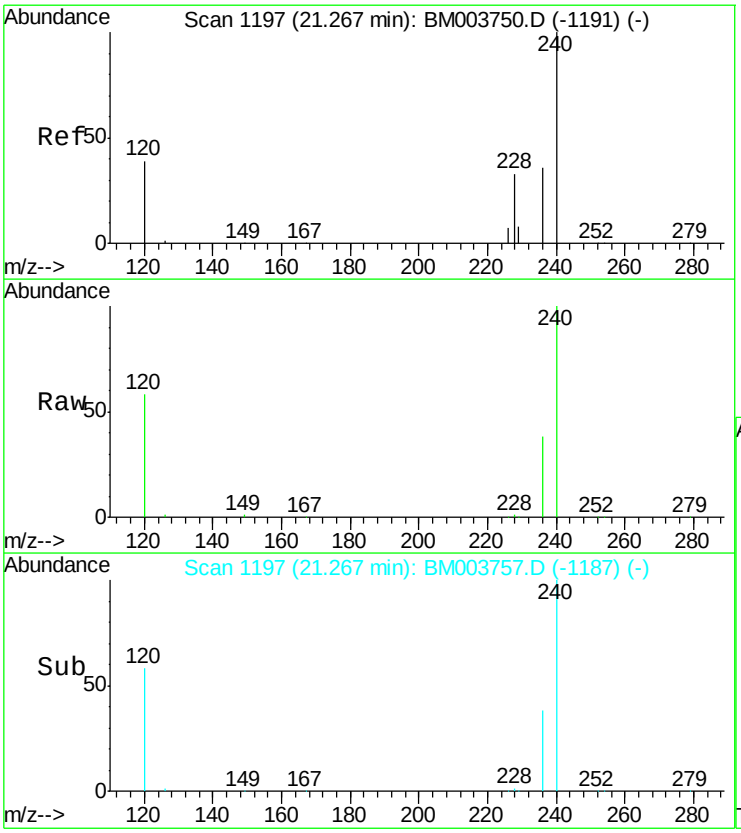
#29
Terphenyl-d14
Concen: 3.58 ng
RT: 19.72 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 127003

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	4.2	3.0	4.6

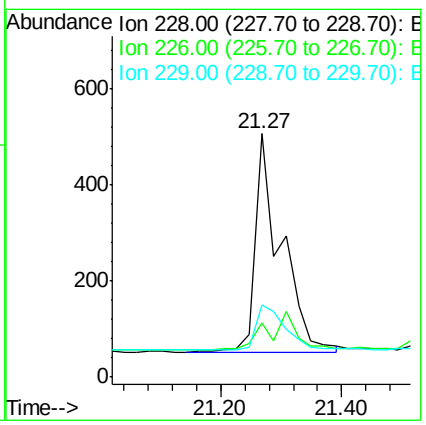


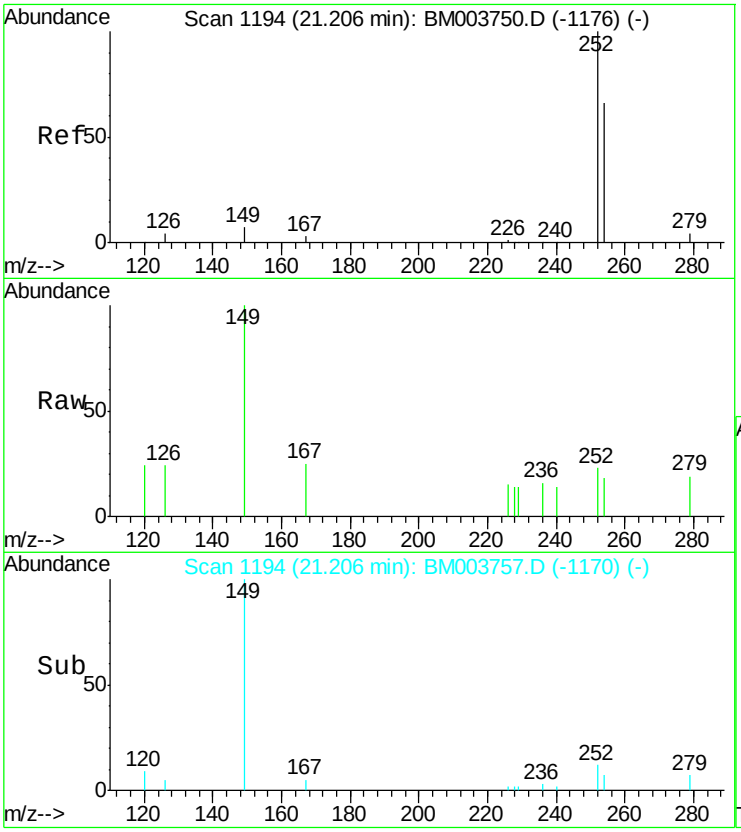


#30
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.27 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Tgt Ion:228 Resp: 1330

Ion	Ratio	Lower	Upper
228	100		
226	22.3	17.2	25.8
229	29.6	18.7	28.1#



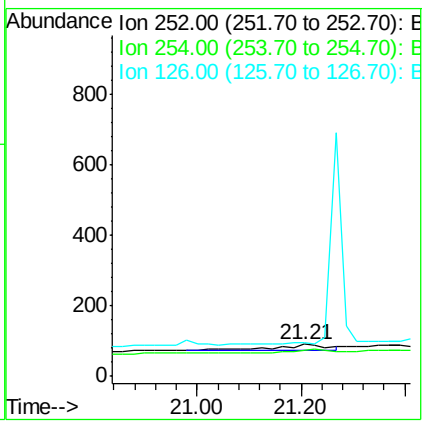


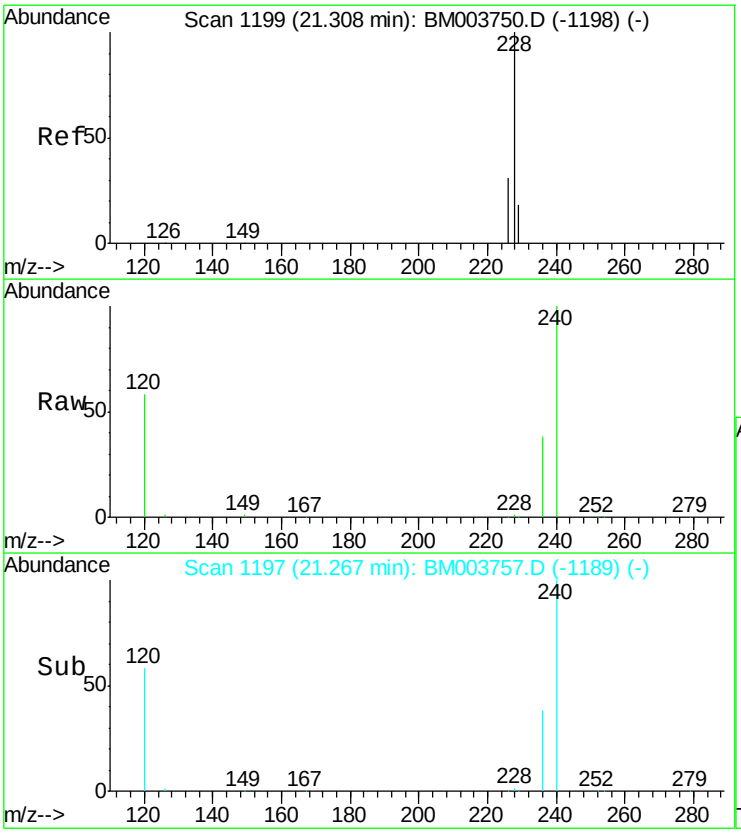
#31
3,3'-Dichlorobenzidine
Concen: 0.30 ng
RT: 21.21 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 113

Ion	Ratio	Lower	Upper
252	100		
254	81.1	52.6	79.0#
126	105.6	3.7	5.5#

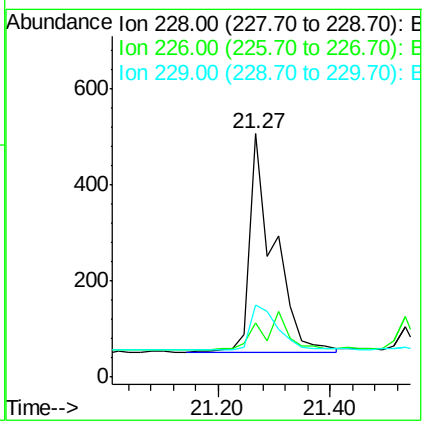


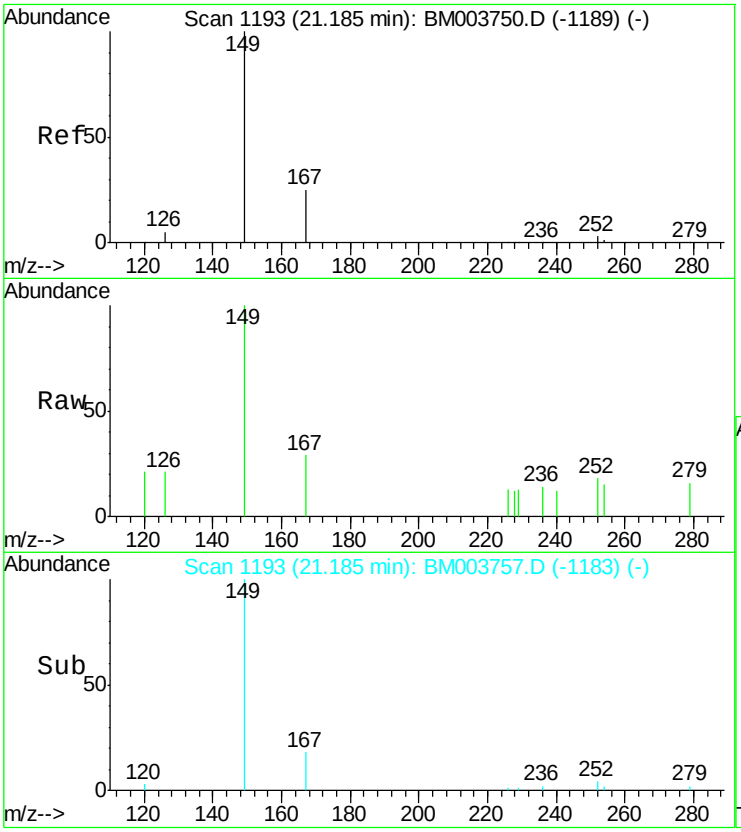


#32
Chrysene
Concen: 0.02 ng
RT: 21.27 min Scan# 1197
Delta R.T. -0.04 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Tgt Ion:228 Resp: 1340

Ion	Ratio	Lower	Upper
228	100		
226	22.3	25.3	37.9#
229	29.6	14.5	21.7#



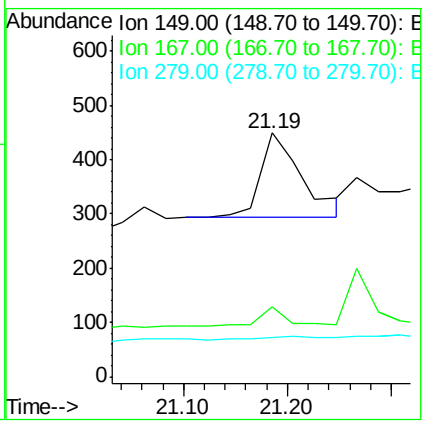


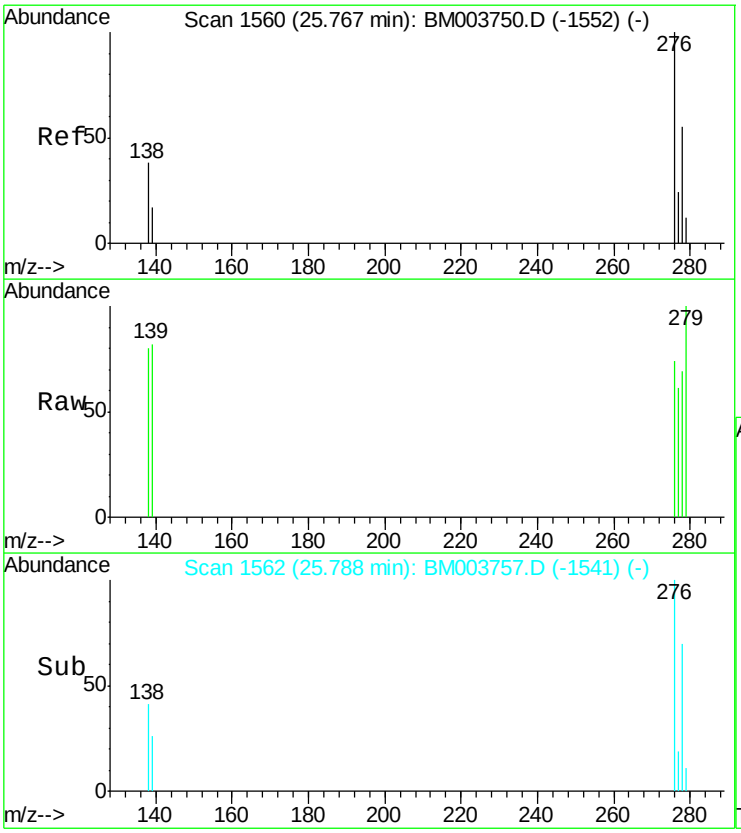
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.24 ng
RT: 21.19 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 437

Ion	Ratio	Lower	Upper
149	100		
167	16.9	20.1	30.1#
279	0.0	0.0	0.0

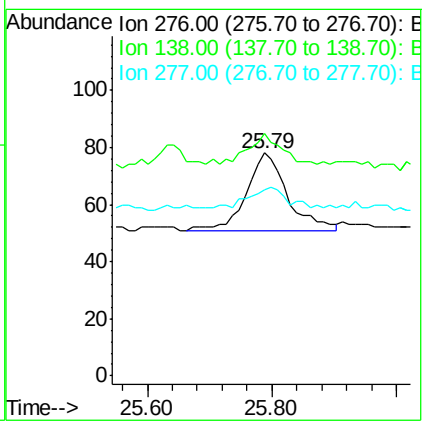


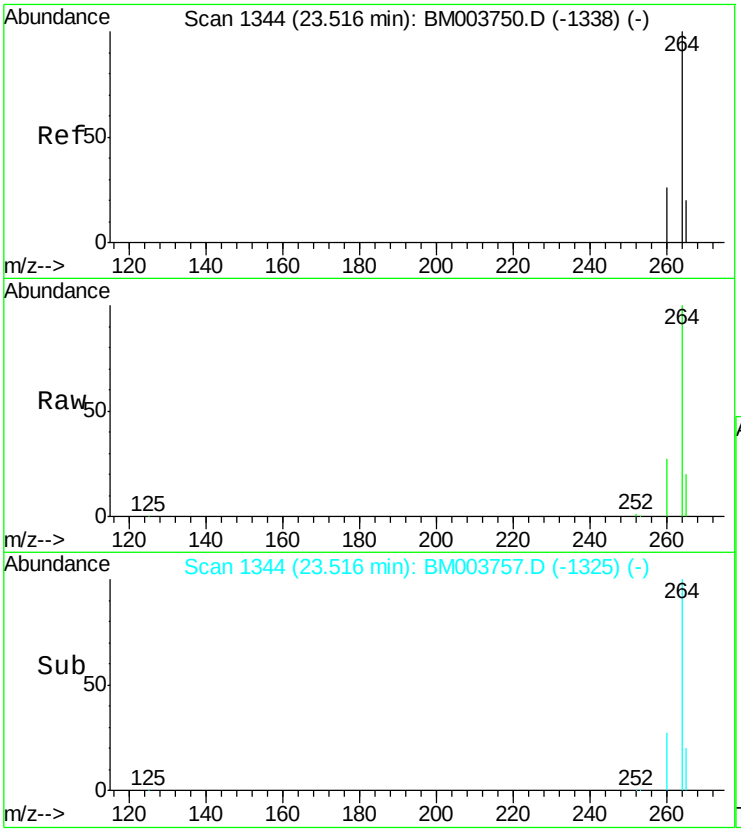


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 25.79 min Scan# 1562
Delta R.T. 0.02 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Tgt Ion:276 Resp: 123

Ion	Ratio	Lower	Upper
276	100		
138	32.5	30.2	45.2
277	27.6	19.8	29.8



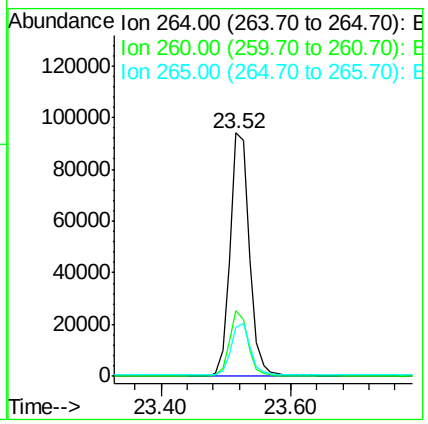


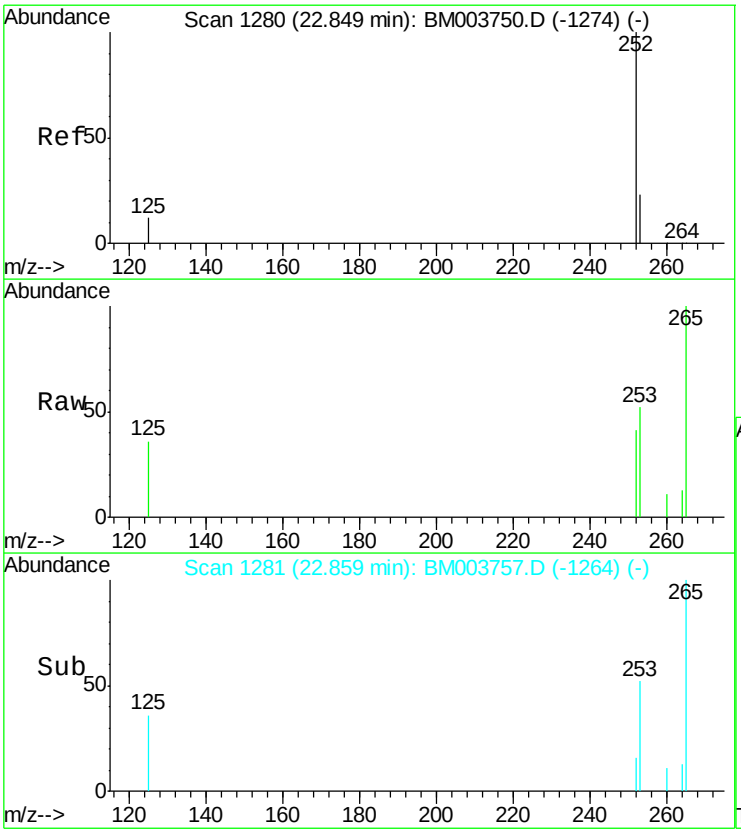
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.52 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 193257

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.2	31.8
265	20.4	16.7	25.1

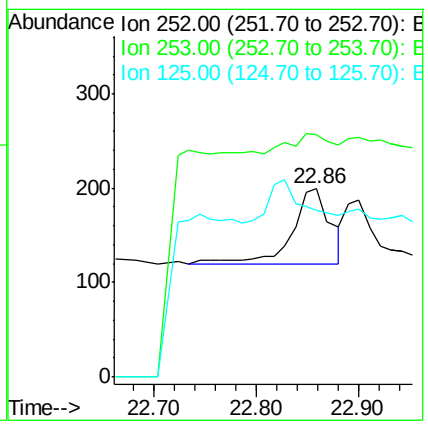


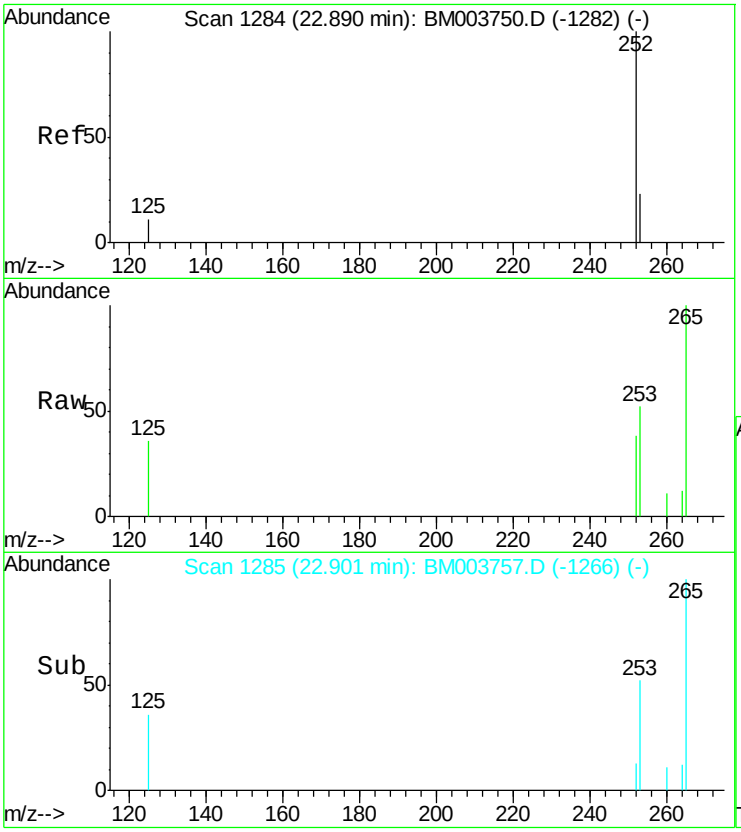


#36
Benzo(b)fluoranthene
Concen: 0.00 ng
RT: 22.86 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Tgt Ion:252 Resp: 217

Ion	Ratio	Lower	Upper
252	100		
253	128.6	18.8	28.2#
125	88.9	10.2	15.4#



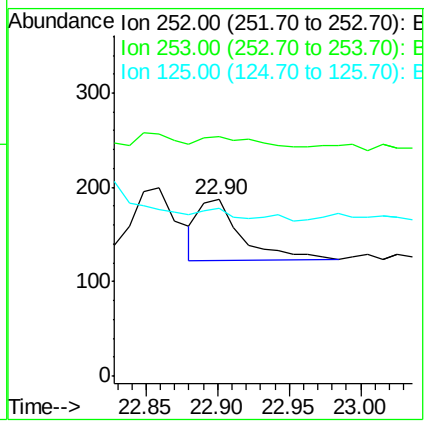


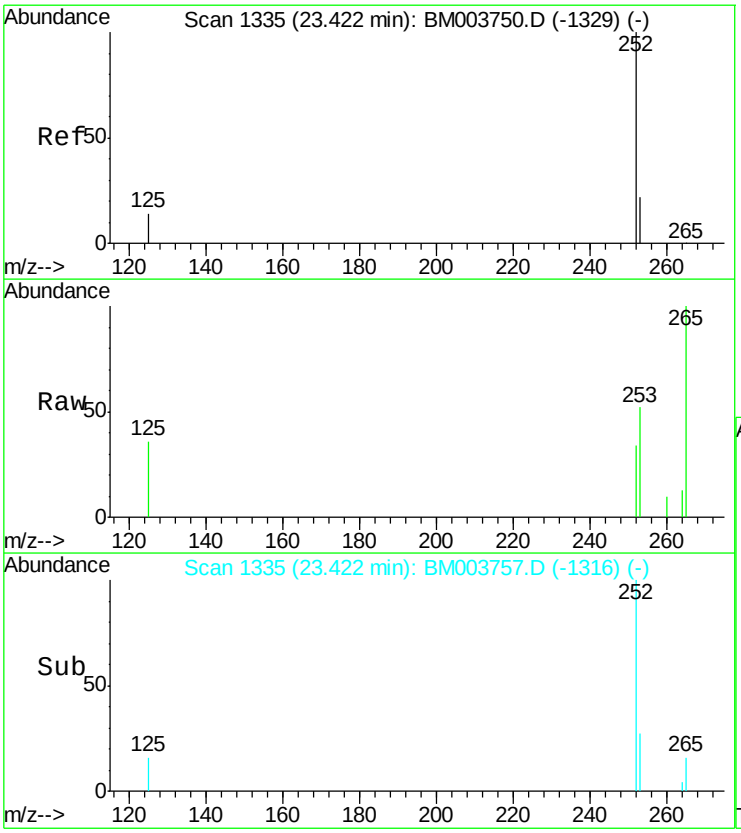
#37
Benzo(k)fluoranthene
Concen: 0.00 ng
RT: 22.90 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 136

Ion	Ratio	Lower	Upper
252	100		
253	135.8	18.3	27.5#
125	95.2	10.6	15.8#

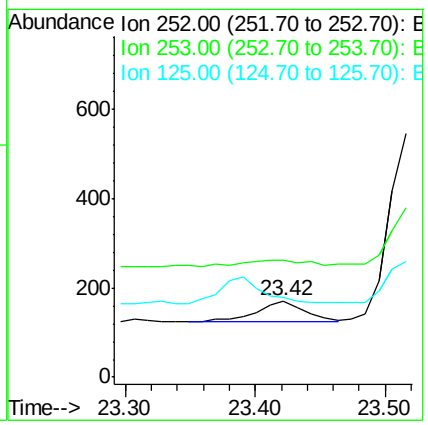


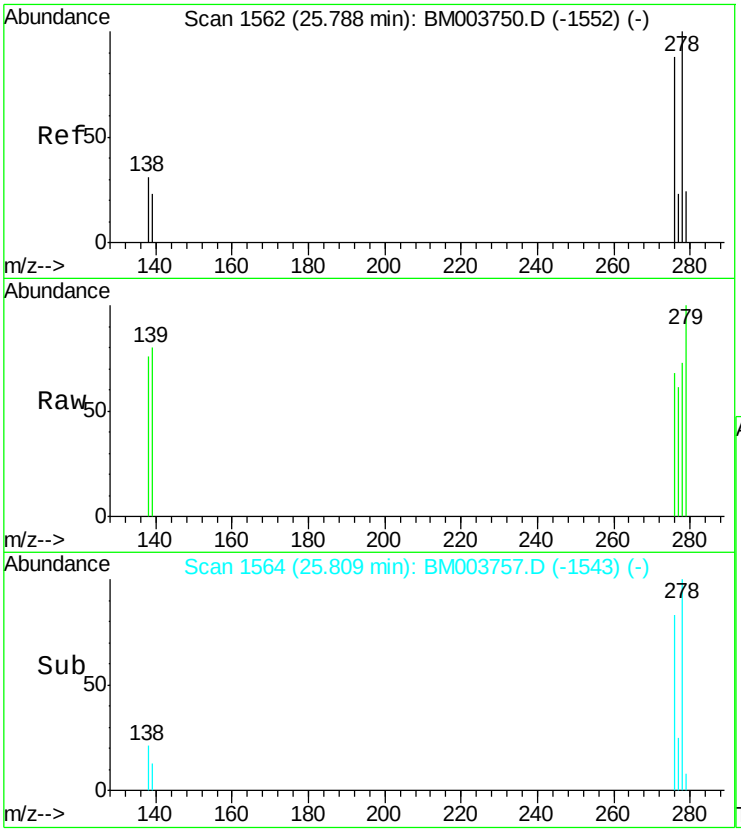


#38
Benzo(a)pyrene
Concen: 0.00 ng
RT: 23.42 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Tgt Ion:252 Resp: 108

Ion	Ratio	Lower	Upper
252	100		
253	153.8	18.7	28.1#
125	104.1	11.8	17.8#



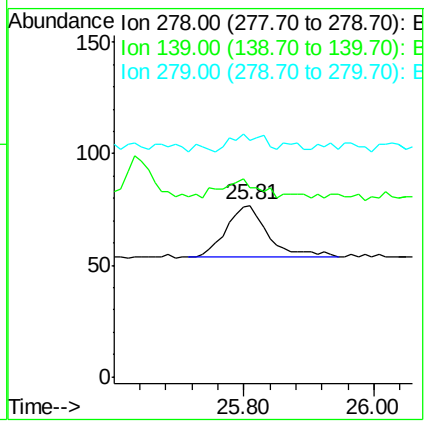


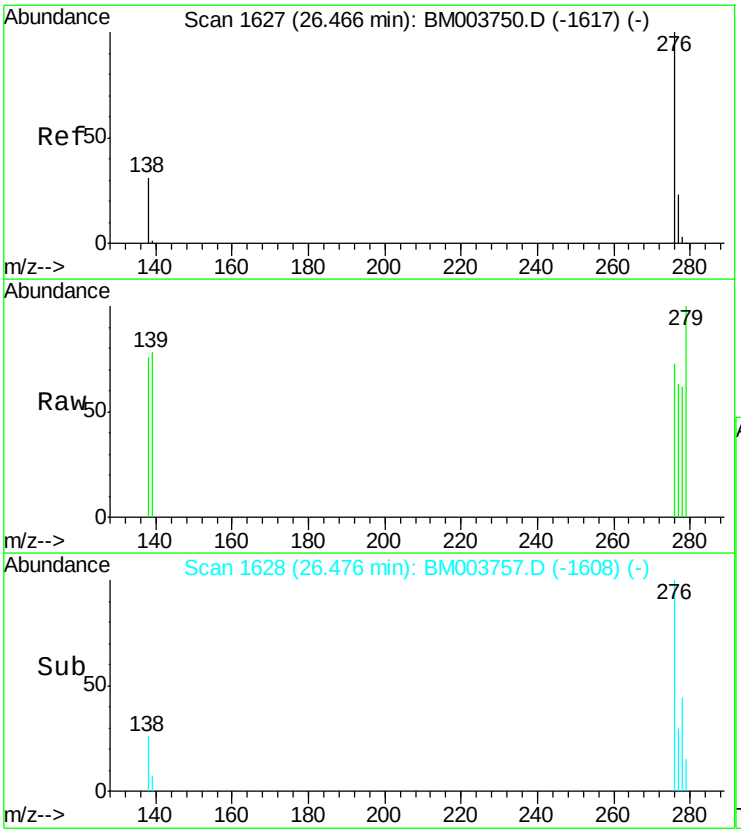
#39
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 25.81 min Scan# 1564
Delta R.T. 0.02 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 99

Ion	Ratio	Lower	Upper
278	100		
139	110.4	19.0	28.6#
279	137.7	19.6	29.4#





#40
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 26.48 min Scan# 1628
Delta R.T. 0.01 min
Lab File: BM003757.D
Acq: 24 Dec 2015 01:00

Tgt Ion:276 Resp: 122

Ion	Ratio	Lower	Upper
276	100		
277	85.9	19.1	28.7#
138	103.8	25.0	37.4#