Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010216\
Data File : BM003906.D
Acq On : 31 Dec 2015 09:47
Operator : SJ/UM
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC001

Quant Time: Dec 31 10:35:44 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	7.67	152	49335	5.00	ng		-0.02
7) Naphthalene-d8	10.46	136	205409	5.00	ng		-0.02
13) Acenaphthene-d10	14.33	164	105349	5.00	ng		0.00
19) Phenanthrene-d10	17.06	188	270026	5.00	ng		0.00
26) Chrysene-d12	21.27	240	167660	5.00	ng		-0.02
35) Perylene-d12	23.52	264	125163	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	9906	0.85	ng		0.00
5) Phenol-d6	6.85	99	12148	0.85	ng		-0.02
8) Nitrobenzene-d5	8.84	82	9080	0.83	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	2275	0.82	ng		-0.02
15) 2-Fluorobiphenyl	12.94	172	31348	0.97	ng		-0.01
29) Terphenyl-d14	19.71	244	25465	0.91	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	4389	0.92	ng		96
3) n-Nitrosodimethylamine	3.49	42	4602	0.88	ng		99
6) bis(2-Chloroethyl)ether	7.10	93	11186	0.88	ng		100
9) Nitrobenzene	8.88	77	10325	0.84	ng		99
10) Naphthalene	10.49	128	43245	0.92	ng		99
11) Hexachlorobutadiene	10.78	225	6631	0.92	ng		99
12) 2-Methylnaphthalene	12.13	142	27820	0.89	ng		97
16) Acenaphthylene	14.04	152	42485	0.89	ng		99
17) Acenaphthene	14.37	154	28774	0.98	ng		92
18) Fluorene	15.37	166	36299	1.02	ng		96
20) 4-Bromophenyl-phenylether	16.27	248	7876	0.42	ng	#	56
21) Hexachlorobenzene	16.40	284	8066	0.48	ng	#	48
22) Pentachlorophenol	16.73	266	1906	0.69	ng	#	79
23) Phenanthrene	17.11	178	49722	0.50	ng		99
24) Anthracene	17.19	178	49773	0.80	ng		97
25) Fluoranthene	19.14	202	55516	0.73	ng		99
27) Benzidine	19.33	184	12529	1.17	ng		96
28) Pyrene	19.50	202	57036	0.99	ng		99
30) Benzo(a)anthracene	21.25	228	44473	0.88	ng	#	81
31) 3,3'-Dichlorobenzidine	21.21	252	10419	0.82	ng		96
32) Chrysene	21.31	228	46262	0.90	ng		95
33) Bis(2-ethylhexyl)phthalate	21.19	149	15145	0.59	ng	#	92
34) Indeno(1,2,3-cd)pyrene	25.76	276	33906	0.96	ng		100
36) Benzo(b)fluoranthene	22.84	252	34837	0.85	ng		97
37) Benzo(k)fluoranthene	22.88	252	34802	0.92	ng		97
38) Benzo(a)pyrene	23.41	252	30875	0.88	ng		99
39) Dibenzo(a,h)anthracene	25.78	278	27493	1.00	ng		100
40) Benzo(g,h,i)perylene	26.44	276	29529	1.03	ng		97

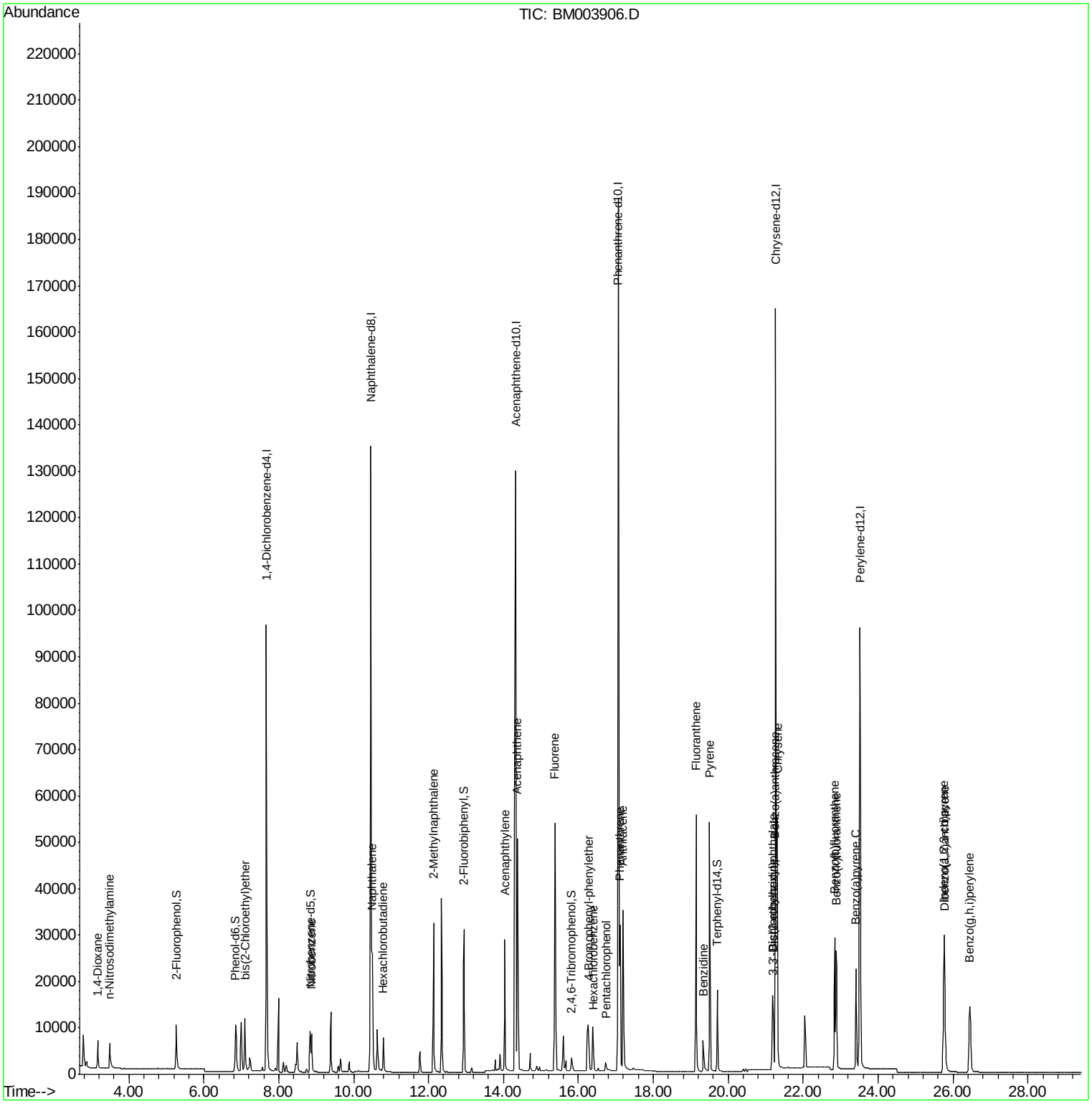
(#) = qualifier out of range (m) = manual integration (+) = signals summed

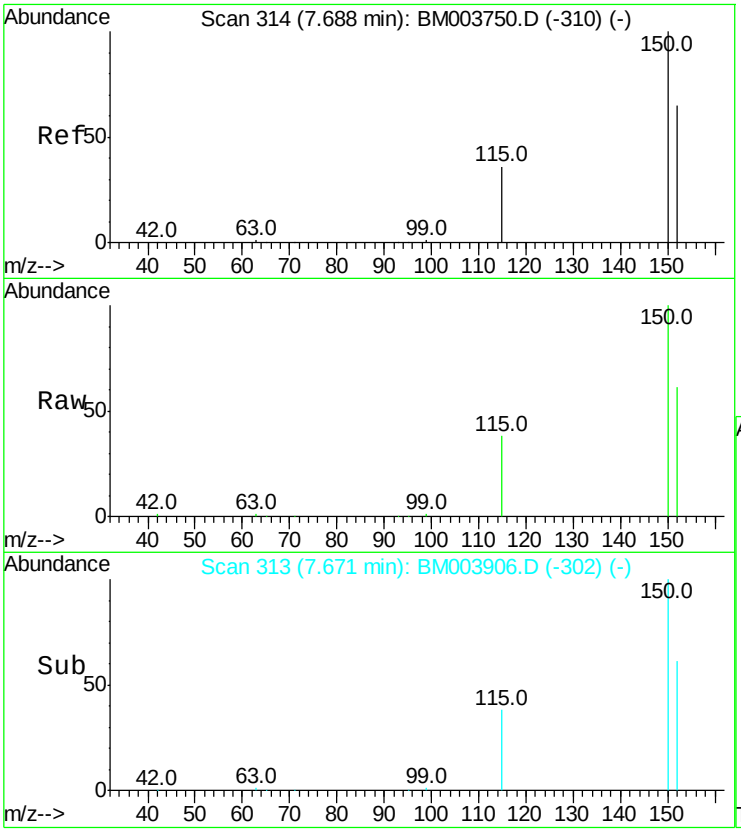
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010216\
Data File : BM003906.D
Acq On : 31 Dec 2015 09:47
Operator : SJ/UM
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Quant Time: Dec 31 10:35:44 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



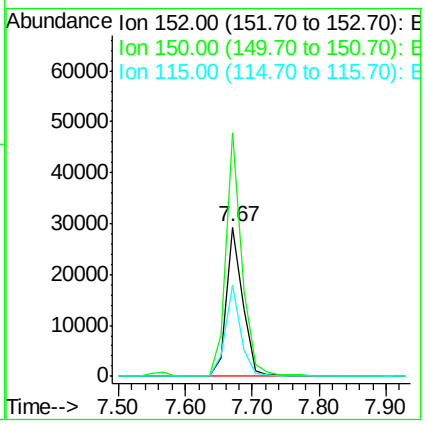


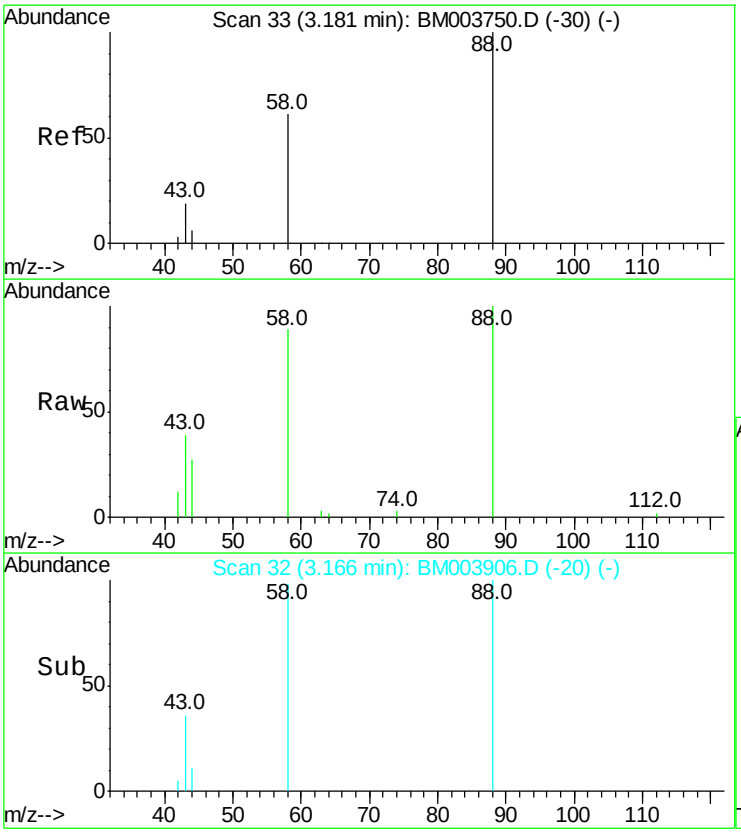
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. -0.02 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 49335

Ion	Ratio	Lower	Upper
152	100		
150	163.5	122.9	184.3
115	61.7	44.4	66.6

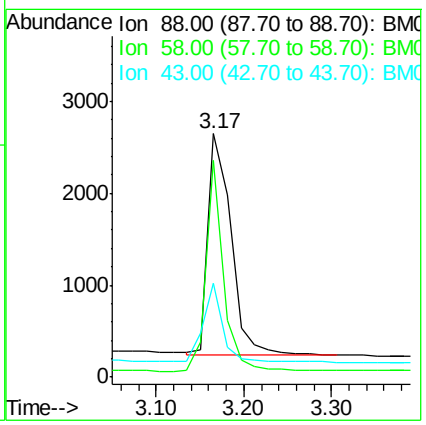


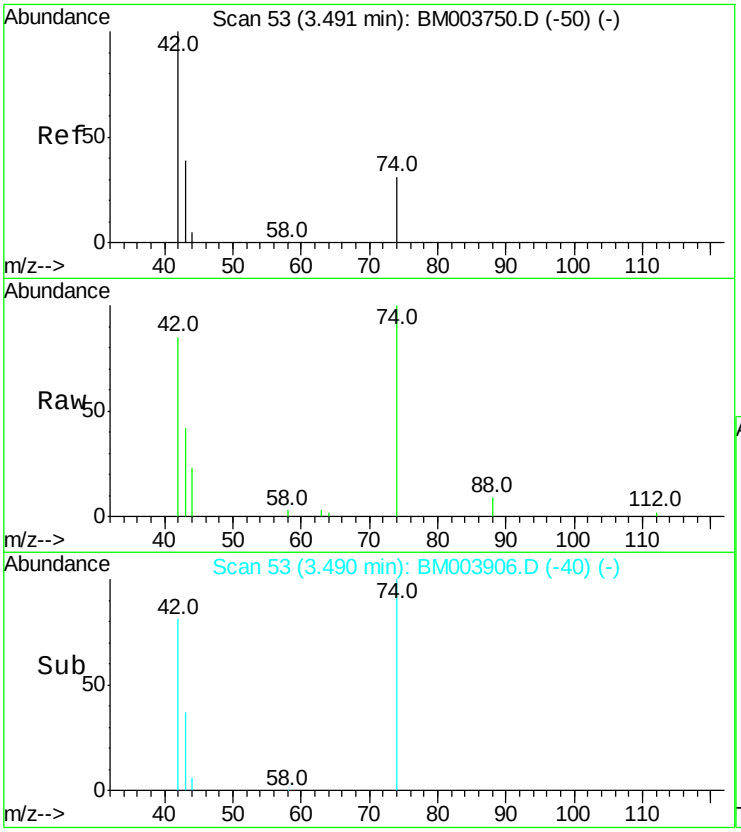


#2
1,4-Dioxane
Concen: 0.92 ng
RT: 3.17 min Scan# 32
Delta R.T. -0.02 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Tgt Ion: 88 Resp: 4389

Ion	Ratio	Lower	Upper
88	100		
58	71.4	53.8	80.6
43	30.1	23.8	35.6



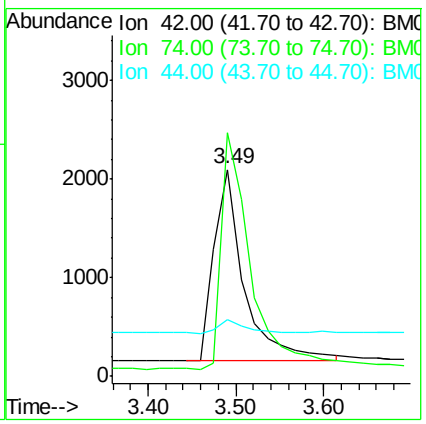


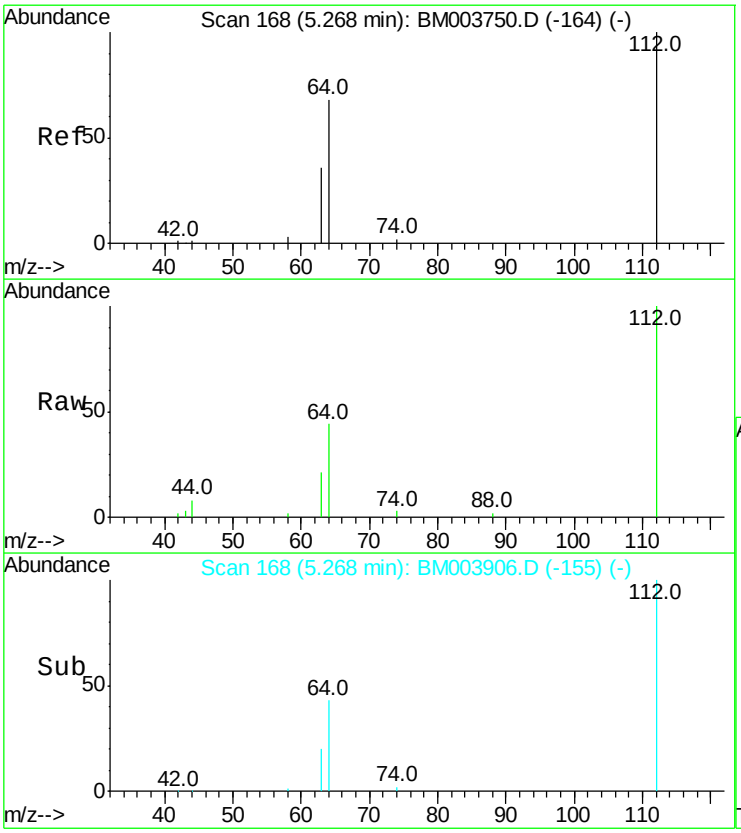
#3
n-Nitrosodimethylamine
Concen: 0.88 ng
RT: 3.49 min Scan# 53
Delta R.T. -0.00 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 42 Resp: 4602

Ion	Ratio	Lower	Upper
42	100		
74	120.4	95.0	142.4
44	6.7	5.1	7.7

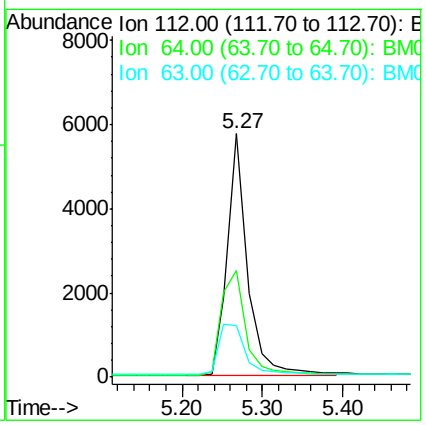


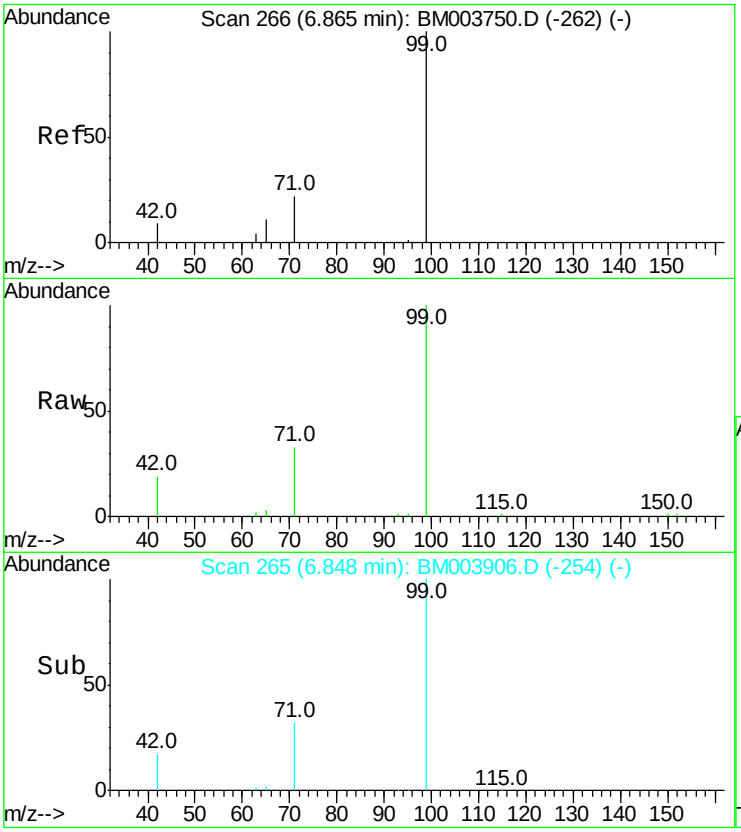


#4
2-Fluorophenol
Concen: 0.85 ng
RT: 5.27 min Scan# 168
Delta R.T. -0.00 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Tgt Ion:112 Resp: 9906

Ion	Ratio	Lower	Upper
112	100		
64	52.7	41.8	62.8
63	27.7	22.1	33.1



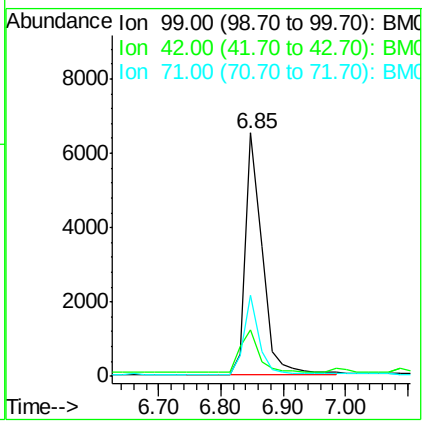


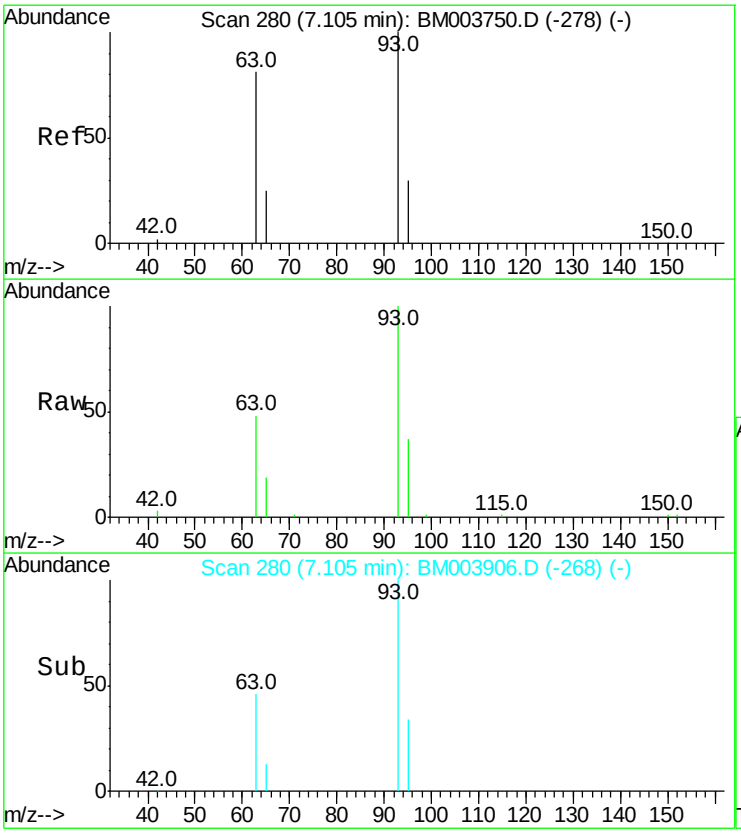
#5
Phenol-d6
Concen: 0.85 ng
RT: 6.85 min Scan# 265
Delta R.T. -0.02 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 99 Resp: 12148

Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.2	24.2
71	30.4	24.4	36.6

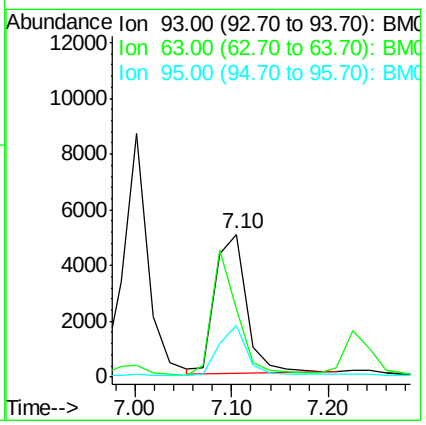


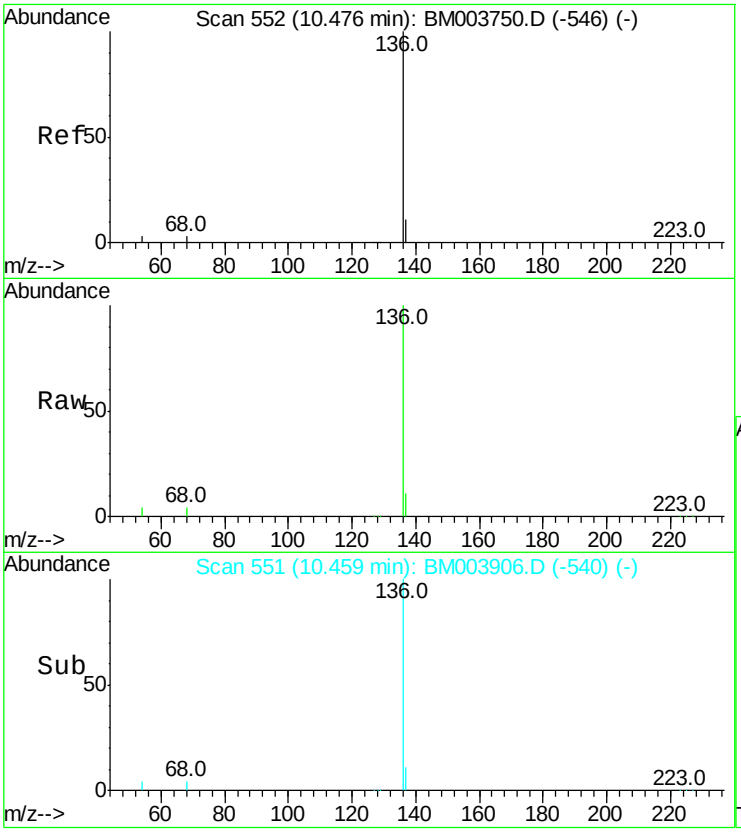


#6
bis(2-Chloroethyl)ether
Concen: 0.88 ng
RT: 7.10 min Scan# 280
Delta R.T. -0.00 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Tgt Ion: 93 Resp: 11186

Ion	Ratio	Lower	Upper
93	100		
63	73.2	58.3	87.5
95	32.5	25.8	38.8



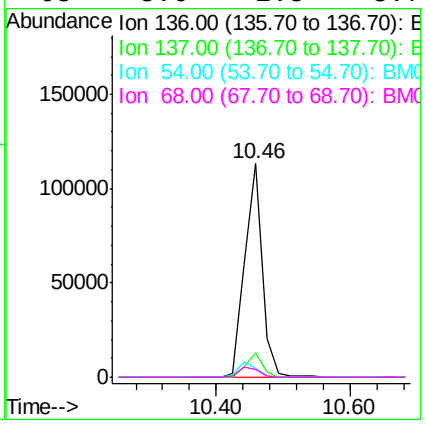


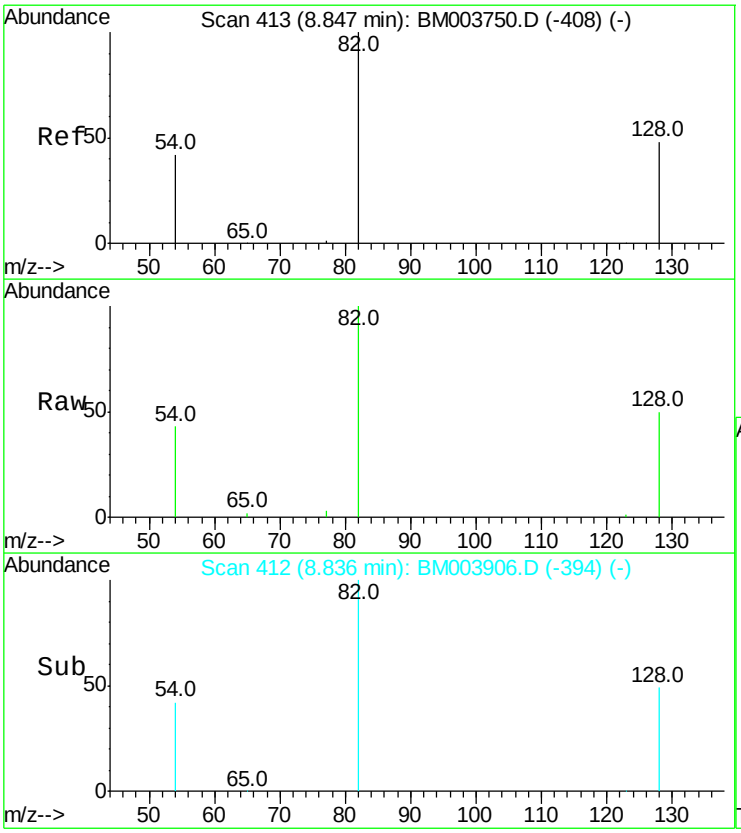
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.46 min Scan# 551
Delta R.T. -0.02 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:136 Resp: 205409

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	4.4	2.8	4.2#
68	3.6	2.5	3.7

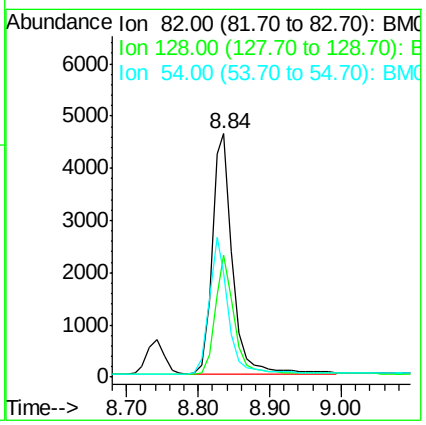


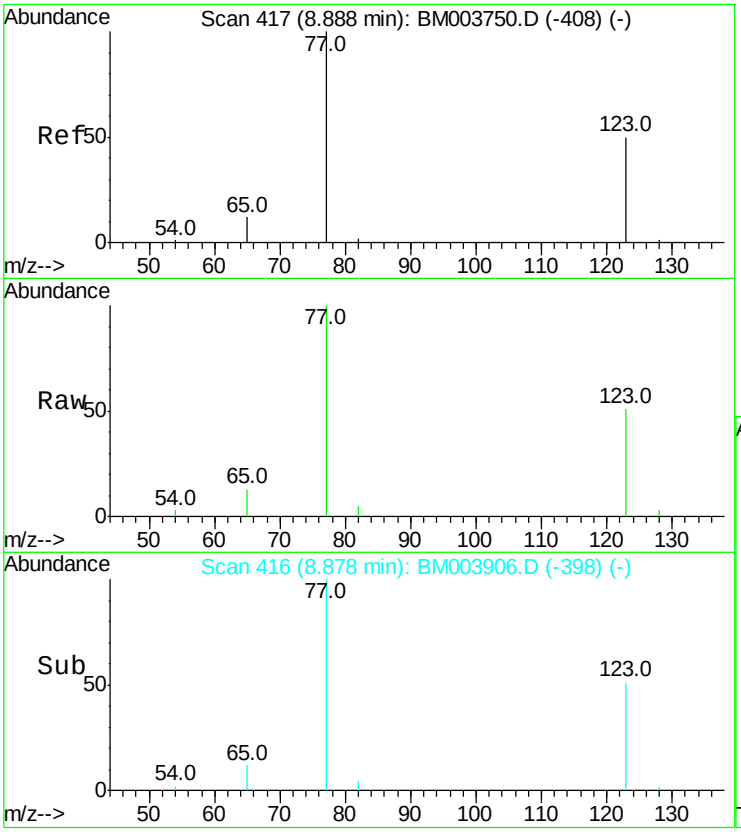


#8
Nitrobenzene-d5
Concen: 0.83 ng
RT: 8.84 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Tgt Ion: 82 Resp: 9080

Ion	Ratio	Lower	Upper
82	100		
128	50.1	39.1	58.7
54	42.8	34.8	52.2



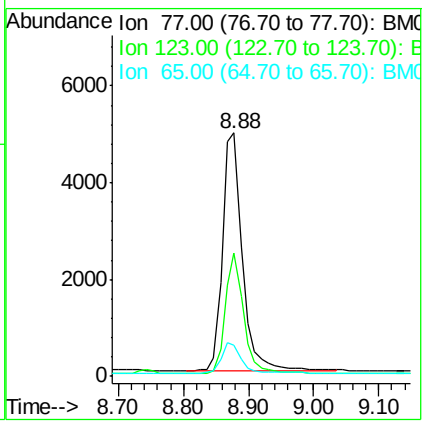


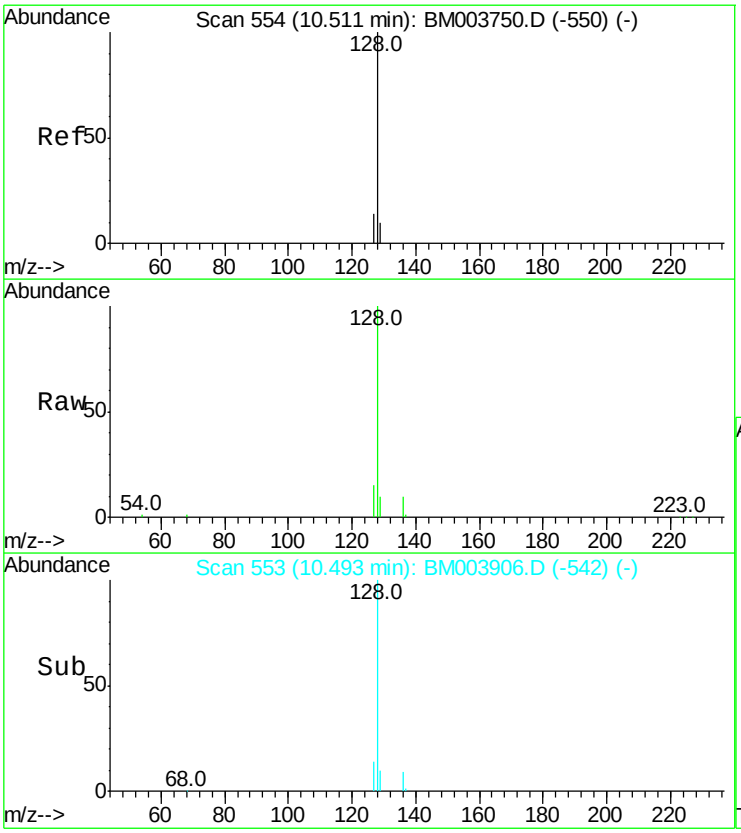
#9
Nitrobenzene
Concen: 0.84 ng
RT: 8.88 min Scan# 416
Delta R.T. -0.01 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 77 Resp: 10325

Ion	Ratio	Lower	Upper
77	100		
123	47.7	38.6	57.8
65	12.5	9.9	14.9

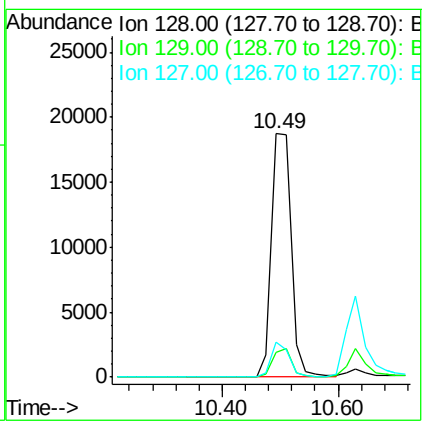


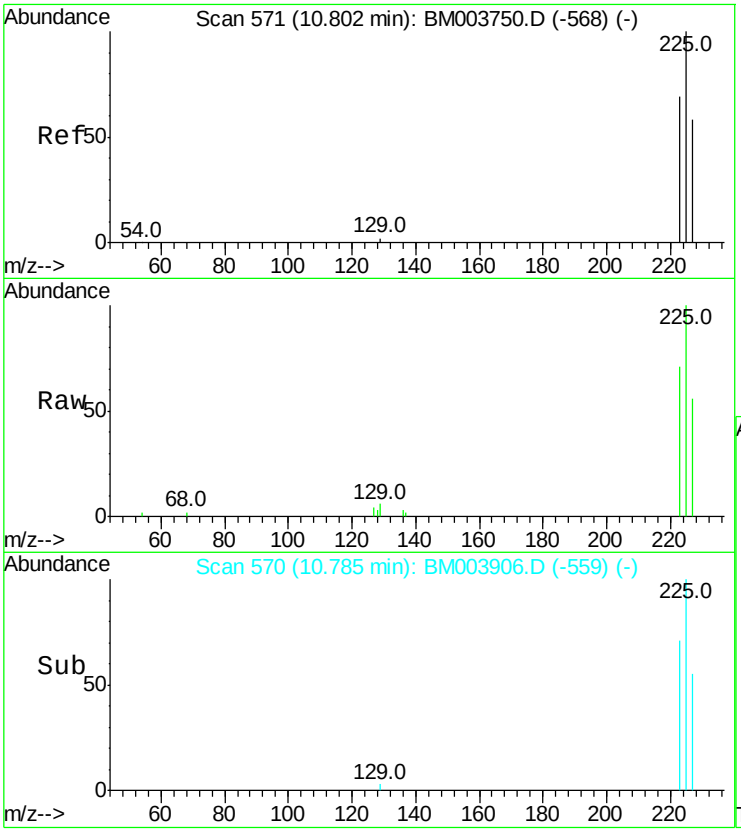


#10
Naphthalene
Concen: 0.92 ng
RT: 10.49 min Scan# 553
Delta R.T. -0.02 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Tgt Ion:128 Resp: 43245

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.5	12.7
127	14.5	11.0	16.4



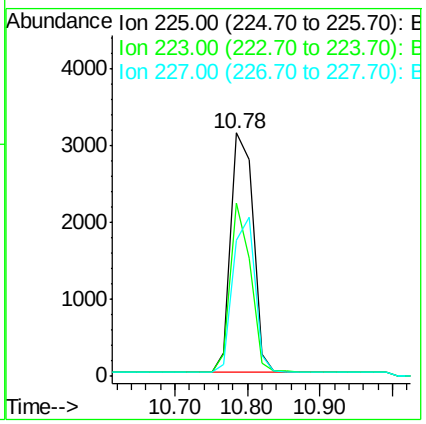


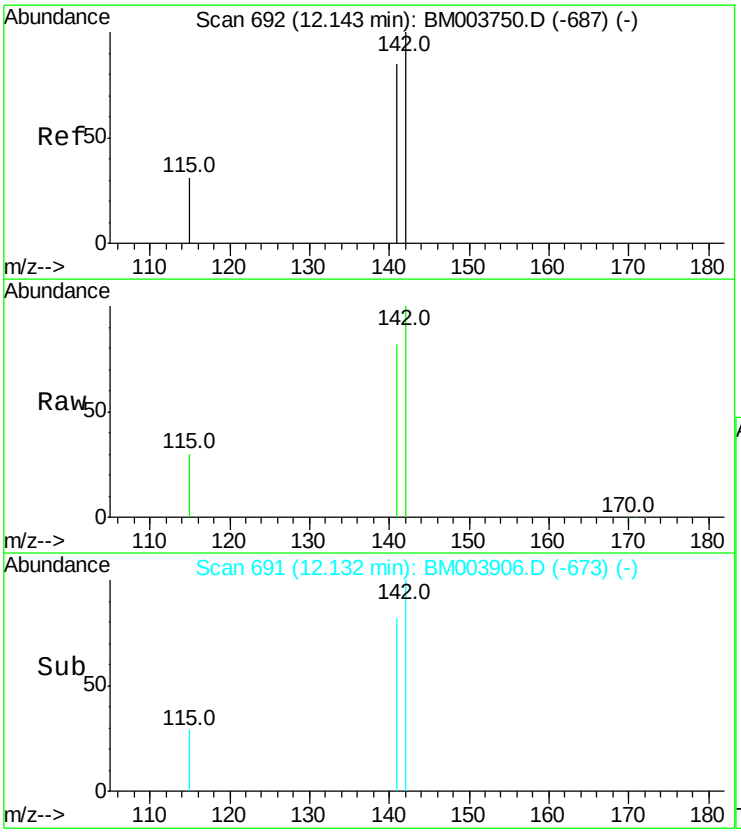
#11
Hexachlorobutadiene
Concen: 0.92 ng
RT: 10.78 min Scan# 570
Delta R.T. -0.02 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:225 Resp: 6631

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.9	76.3
227	63.5	51.2	76.8

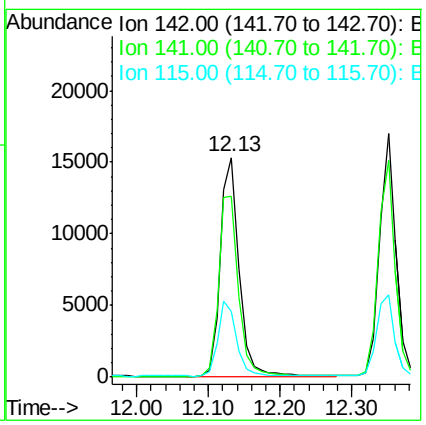


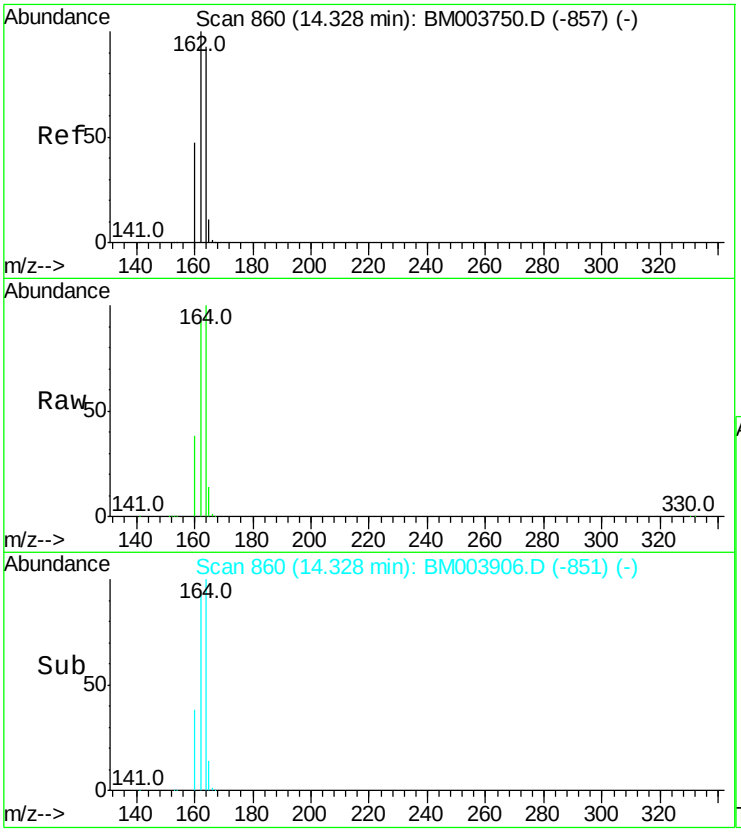


#12
2-Methylnaphthalene
Concen: 0.89 ng
RT: 12.13 min Scan# 691
Delta R.T. -0.01 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Tgt Ion:142 Resp: 27820

Ion	Ratio	Lower	Upper
142	100		
141	82.2	67.8	101.8
115	29.8	25.3	37.9



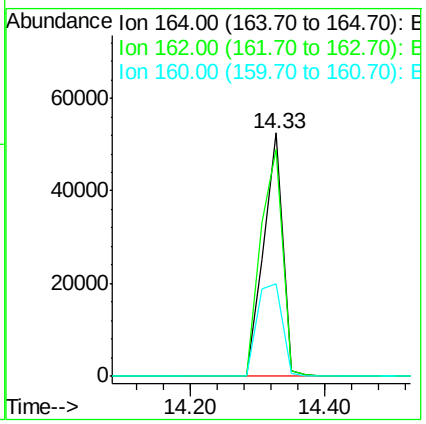


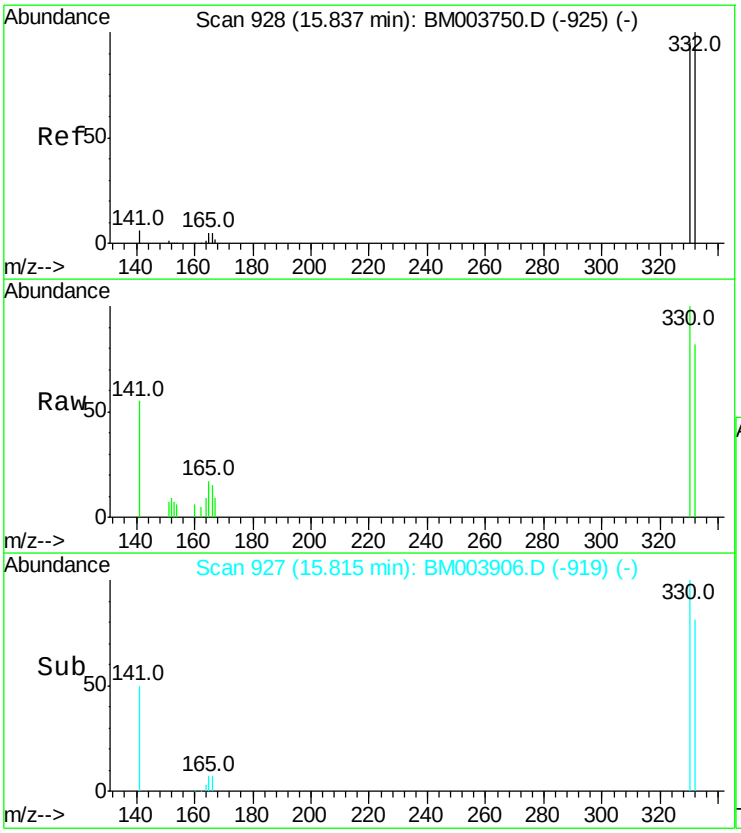
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.33 min Scan# 860
Delta R.T. -0.00 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:164 Resp: 105349

Ion	Ratio	Lower	Upper
164	100		
162	93.2	86.0	129.0
160	38.0	40.3	60.5#

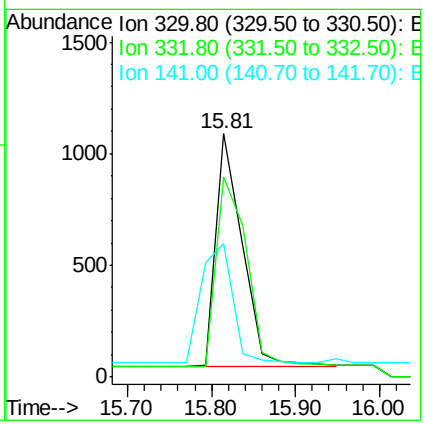


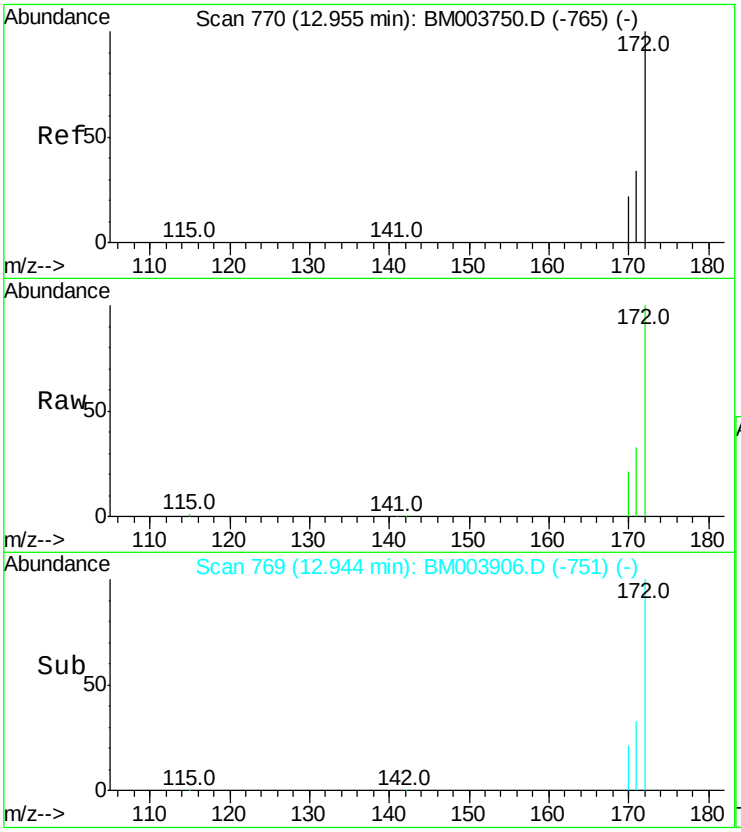


#14
2,4,6-Tribromophenol
Concen: 0.82 ng
RT: 15.81 min Scan# 927
Delta R.T. -0.02 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Tgt Ion:330 Resp: 2275

Ion	Ratio	Lower	Upper
330	100		
332	94.2	79.0	118.4
141	62.0	0.0	0.0#



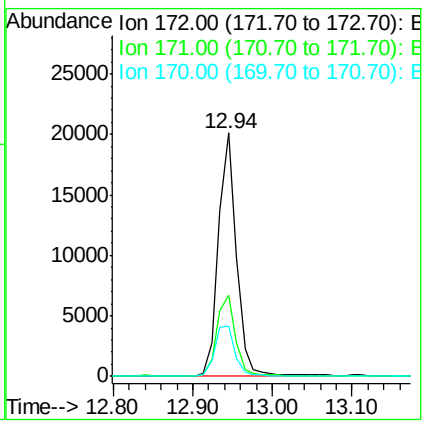


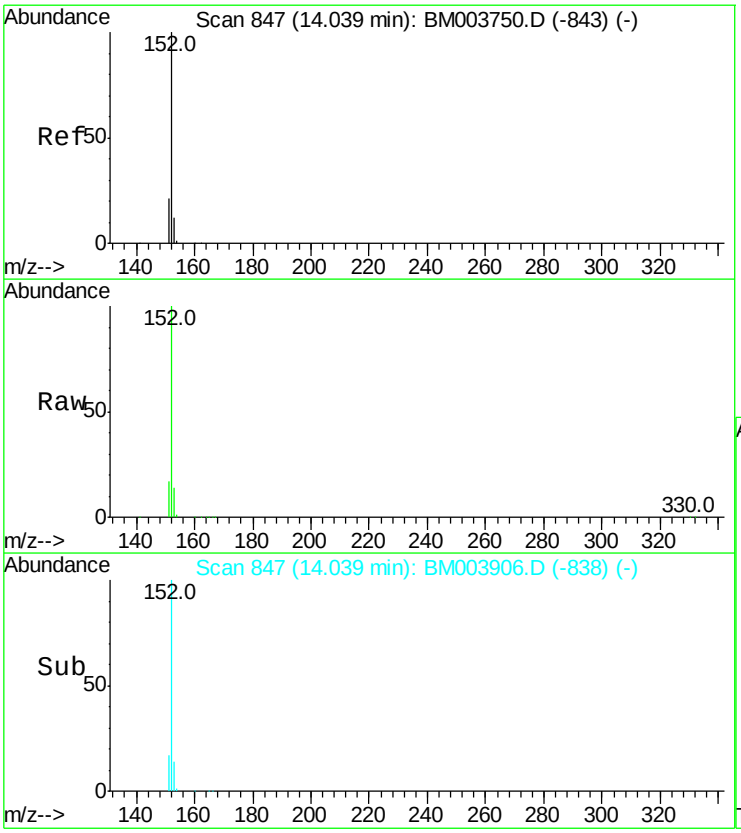
#15
2-Fluorobiphenyl
Concen: 0.97 ng
RT: 12.94 min Scan# 769
Delta R.T. -0.01 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:172 Resp: 31348

Ion	Ratio	Lower	Upper
172	100		
171	33.0	27.0	40.6
170	20.8	17.9	26.9

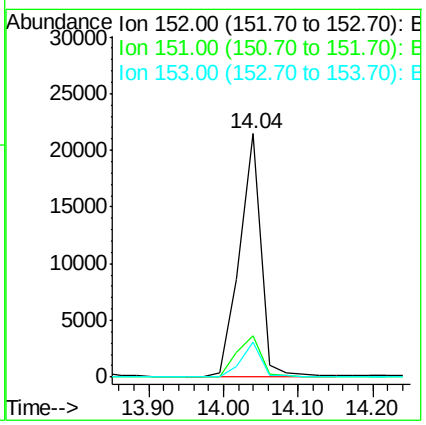


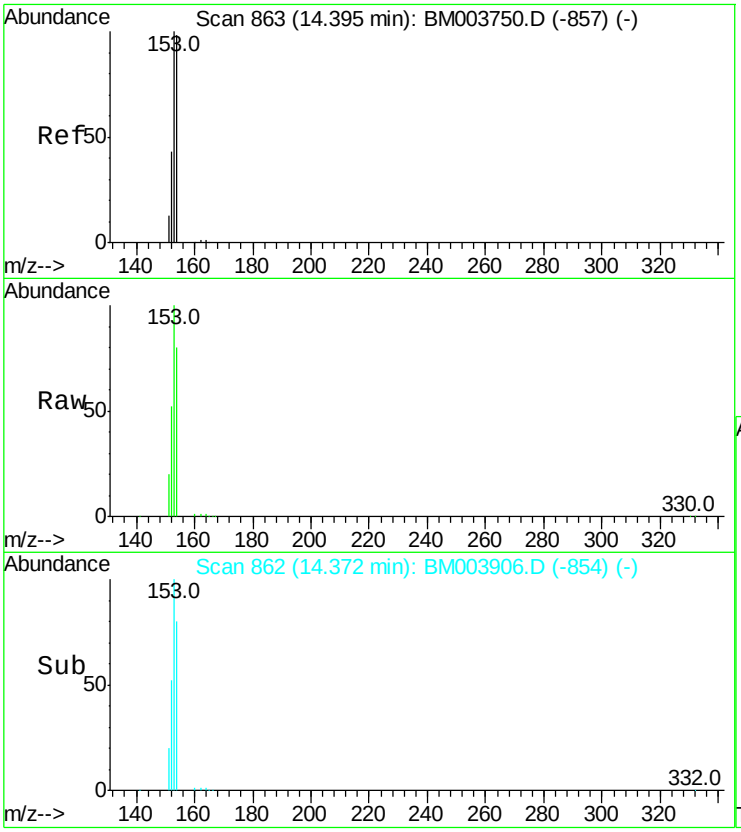


#16
Acenaphthylene
Concen: 0.89 ng
RT: 14.04 min Scan# 847
Delta R.T. -0.00 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Tgt Ion:152 Resp: 42485

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.8	23.8
153	13.1	10.2	15.4



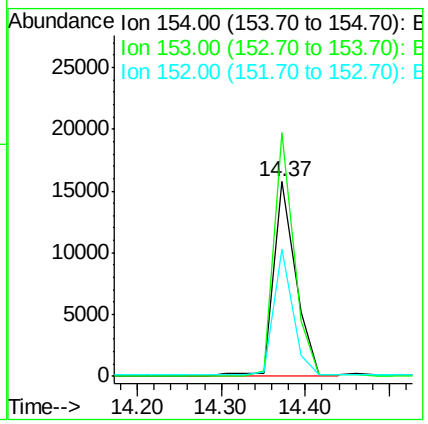


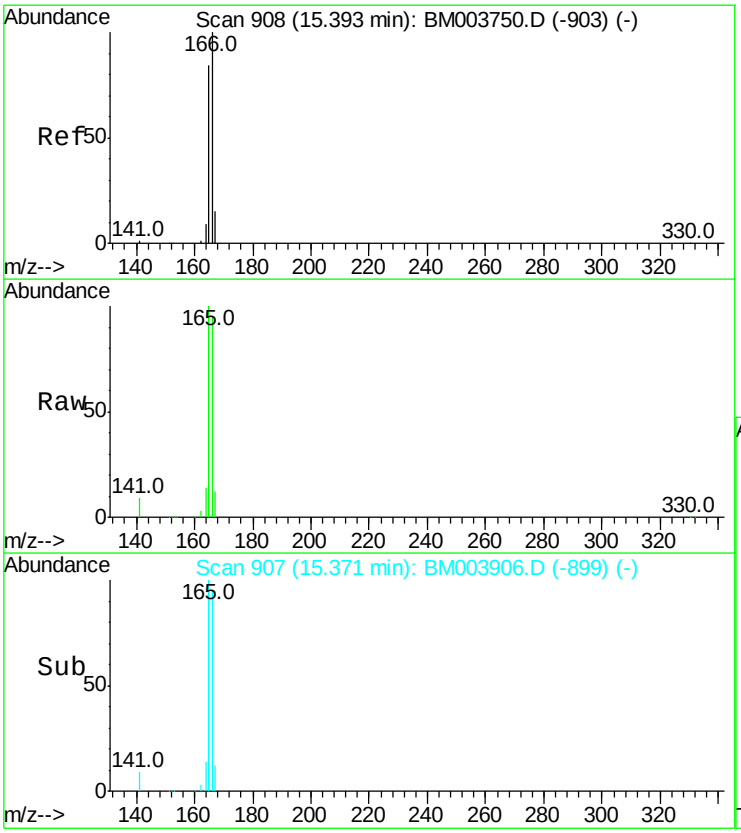
#17
Acenaphthene
Concen: 0.98 ng
RT: 14.37 min Scan# 862
Delta R.T. -0.02 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:154 Resp: 28774

Ion	Ratio	Lower	Upper
154	100		
153	114.2	85.4	128.2
152	56.5	40.6	60.8

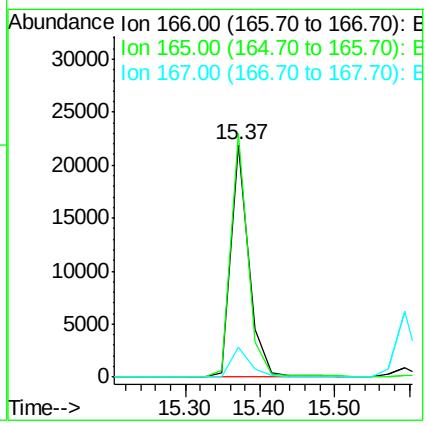


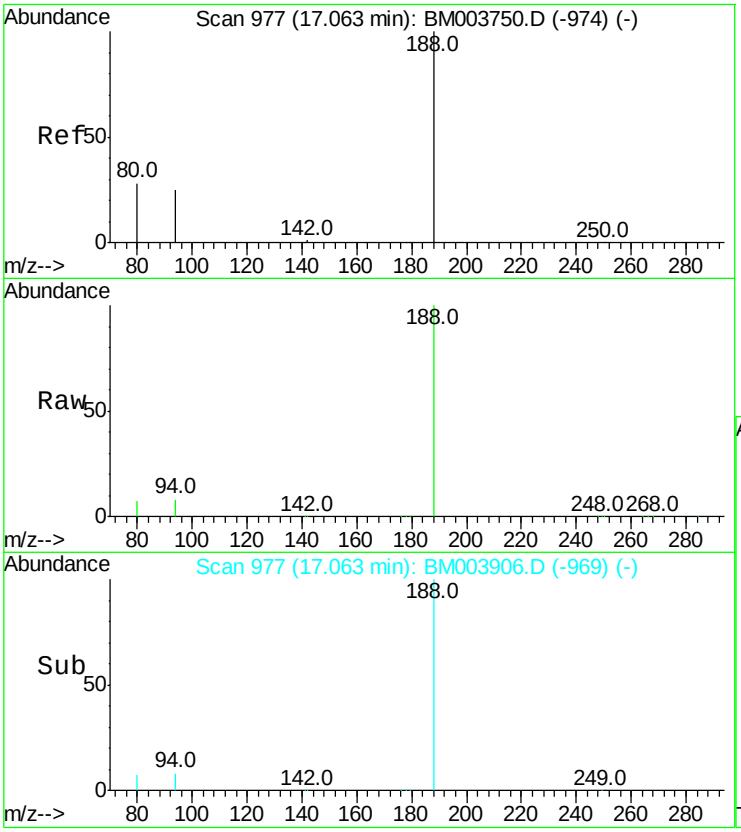


#18
Fluorene
Concen: 1.02 ng
RT: 15.37 min Scan# 907
Delta R.T. -0.02 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Tgt Ion:166 Resp: 36299

Ion	Ratio	Lower	Upper
166	100		
165	100.2	77.2	115.8
167	13.1	11.0	16.6



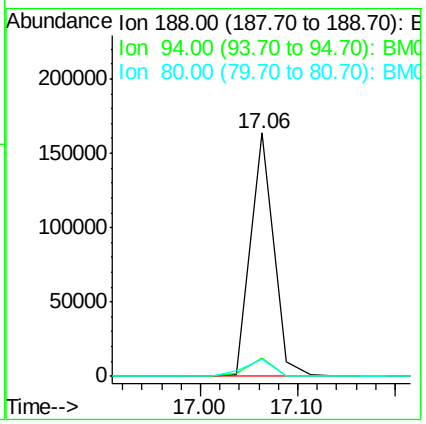


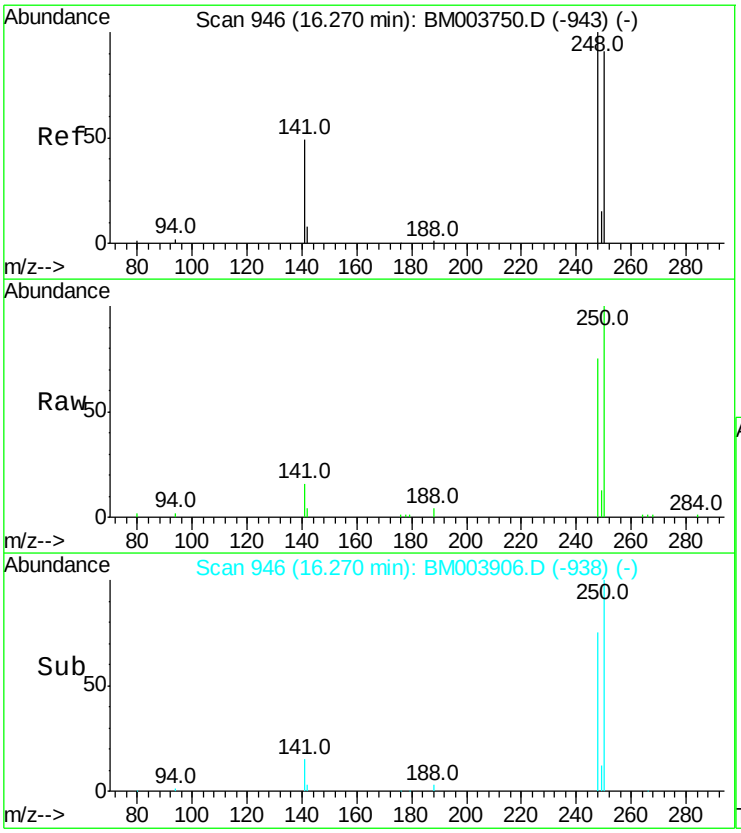
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:188 Resp: 270026

Ion	Ratio	Lower	Upper
188	100		
94	7.6	20.3	30.5#
80	6.9	22.2	33.4#

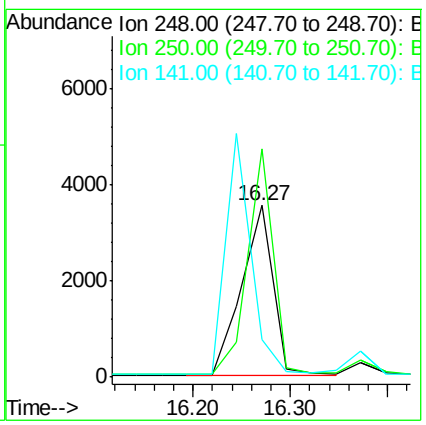


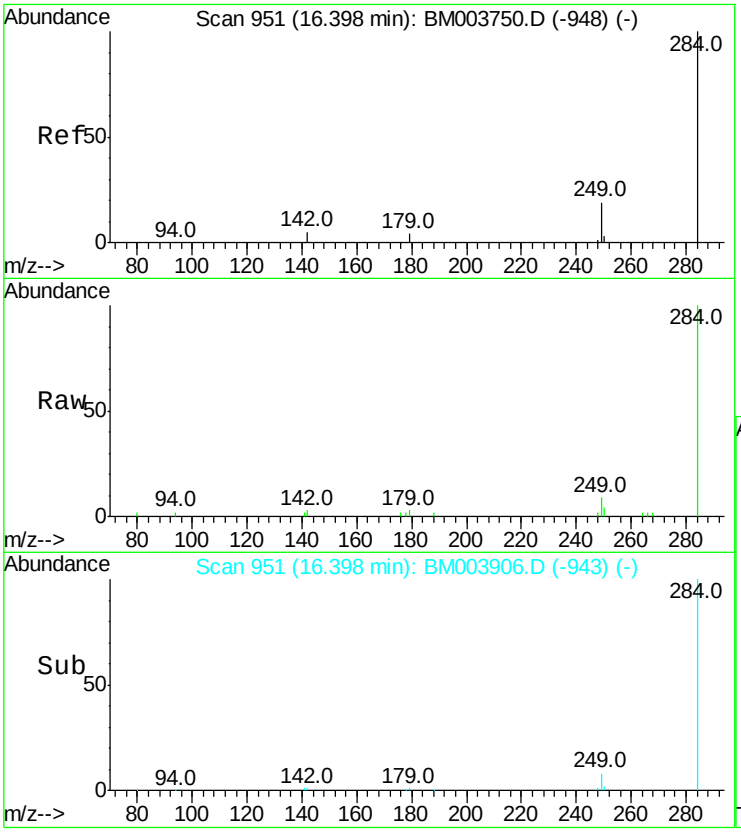


#20
4-Bromophenyl-phenylether
Concen: 0.42 ng
RT: 16.27 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Tgt Ion:248 Resp: 7876

Ion	Ratio	Lower	Upper
248	100		
250	108.7	75.0	112.4
141	0.0	53.0	79.4#



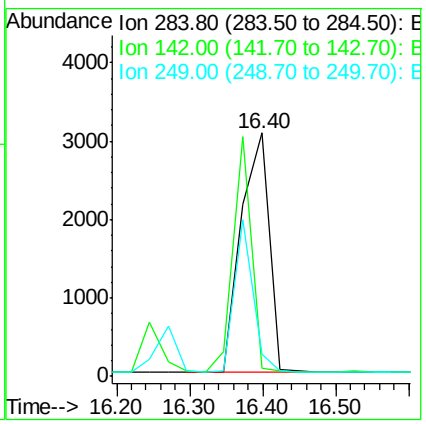


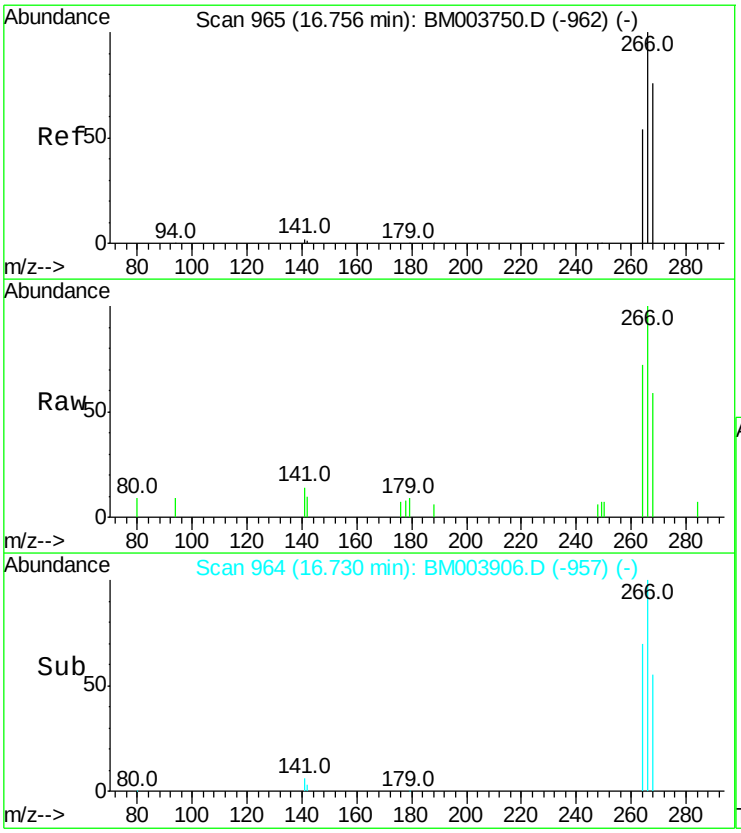
#21
Hexachlorobenzene
Concen: 0.48 ng
RT: 16.40 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:284 Resp: 8066

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

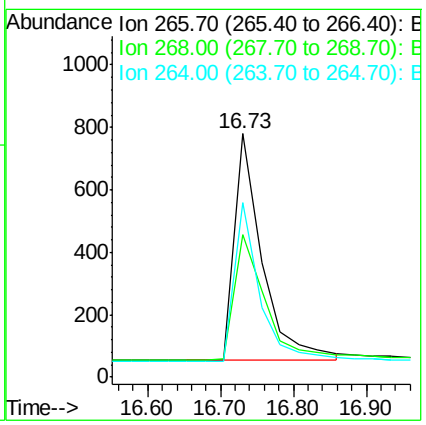


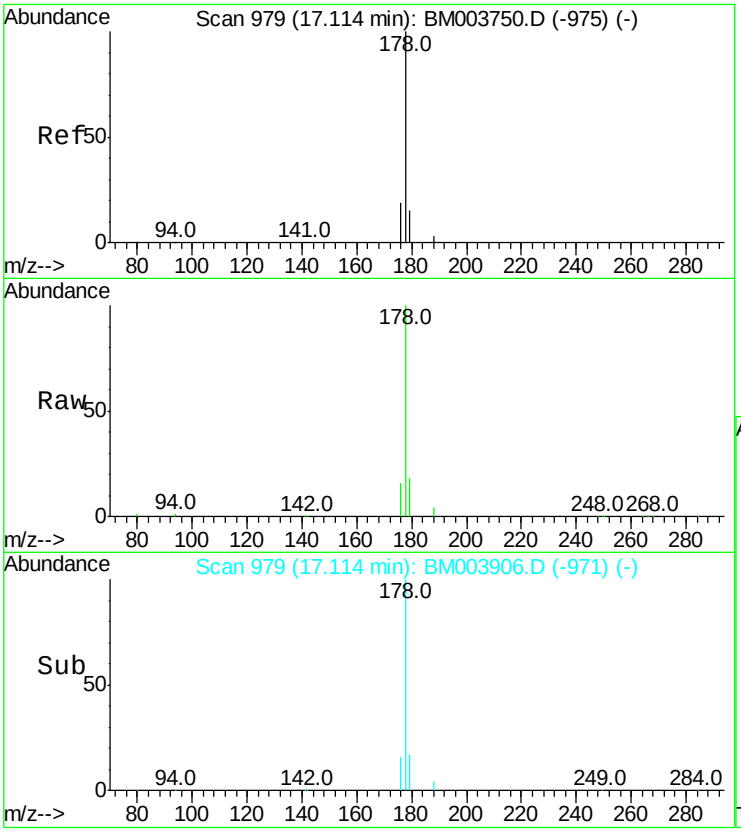


#22
Pentachlorophenol
Concen: 0.69 ng
RT: 16.73 min Scan# 964
Delta R.T. -0.02 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Tgt Ion:266 Resp: 1906

Ion	Ratio	Lower	Upper
266	100		
268	58.7	62.7	94.1#
264	71.8	45.7	68.5#



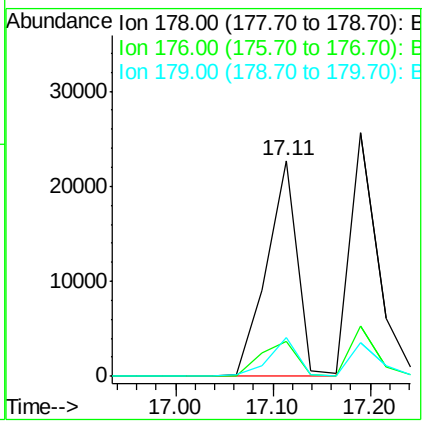


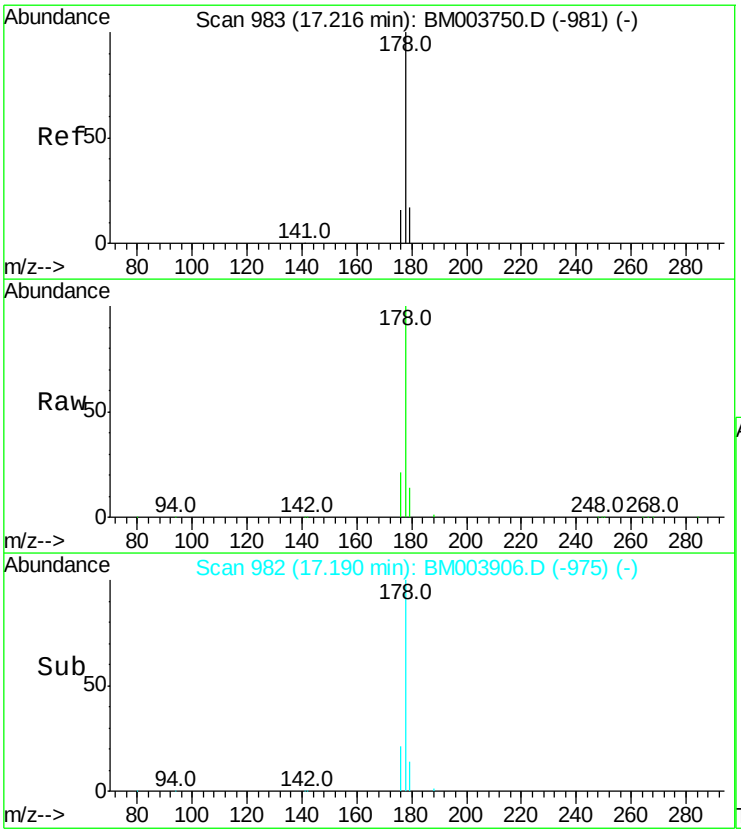
#23
Phenanthrene
Concen: 0.50 ng
RT: 17.11 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:178 Resp: 49722

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	16.2	12.2	18.4

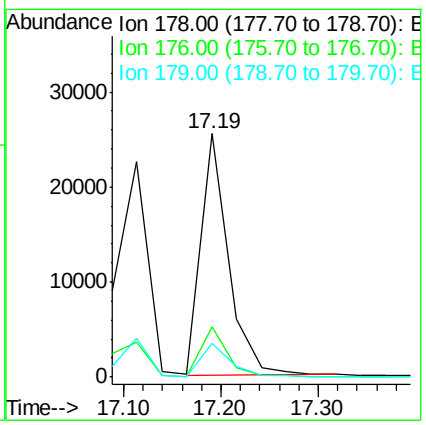


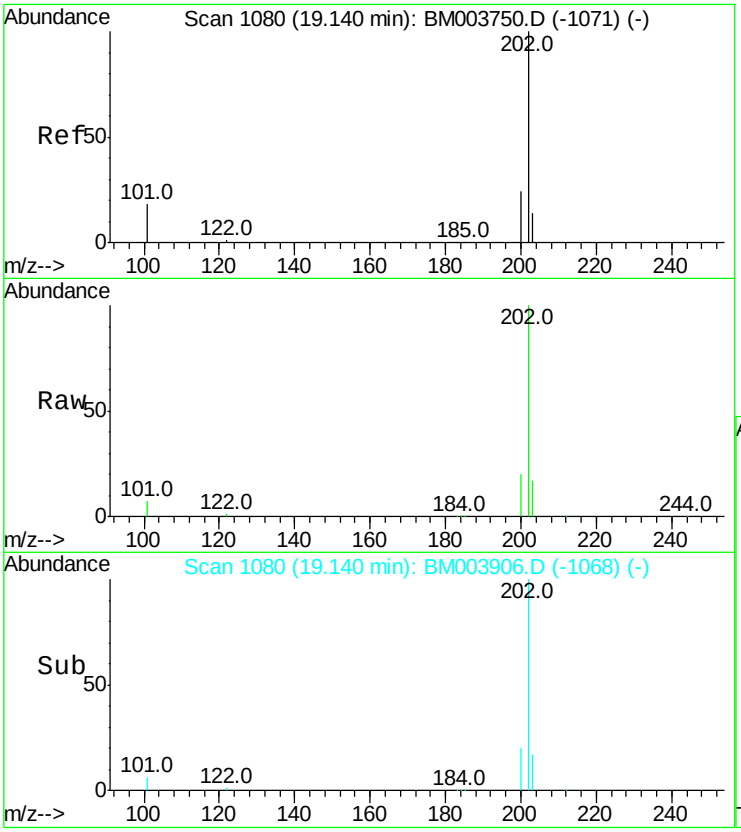


#24
Anthracene
Concen: 0.80 ng
RT: 17.19 min Scan# 982
Delta R.T. -0.02 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Tgt Ion:178 Resp: 49773

Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.6	21.8
179	14.5	12.6	19.0



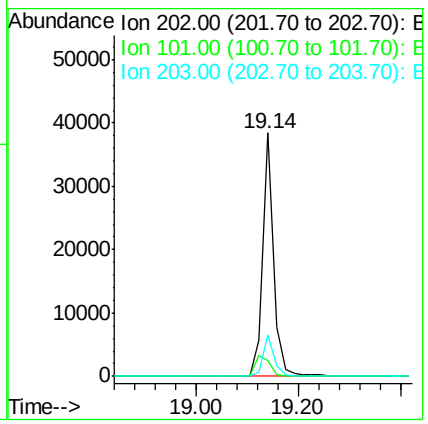


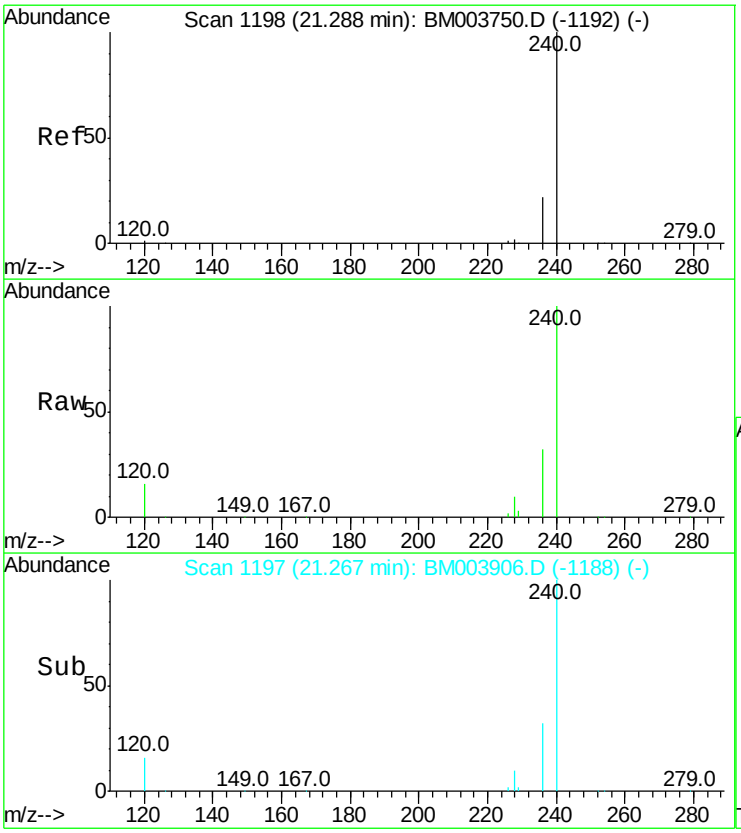
#25
Fluoranthene
Concen: 0.73 ng
RT: 19.14 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:202 Resp: 55516

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.7	14.5
203	17.3	13.8	20.8

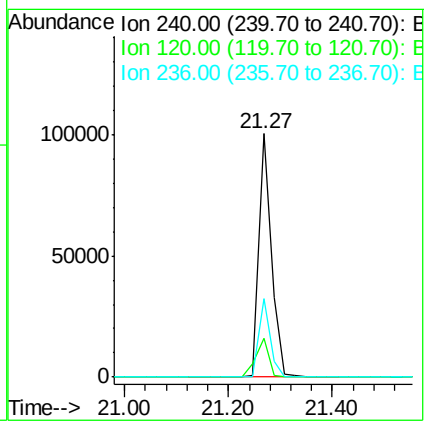


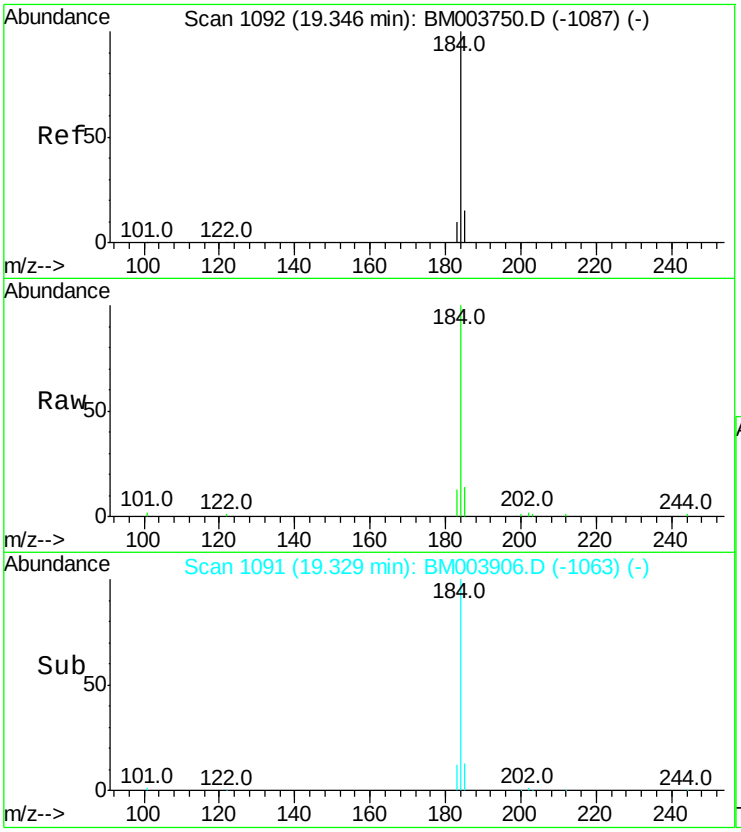


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.27 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Tgt Ion:240 Resp: 167660

Ion	Ratio	Lower	Upper
240	100		
120	15.9	0.9	1.3#
236	32.2	17.3	25.9#



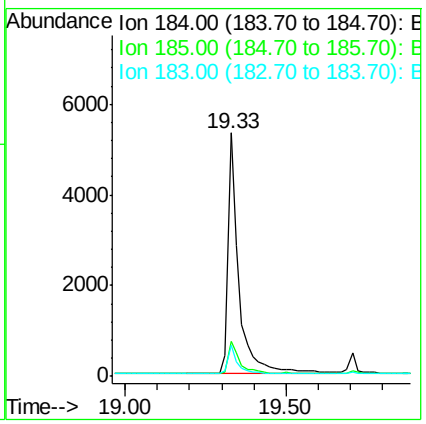


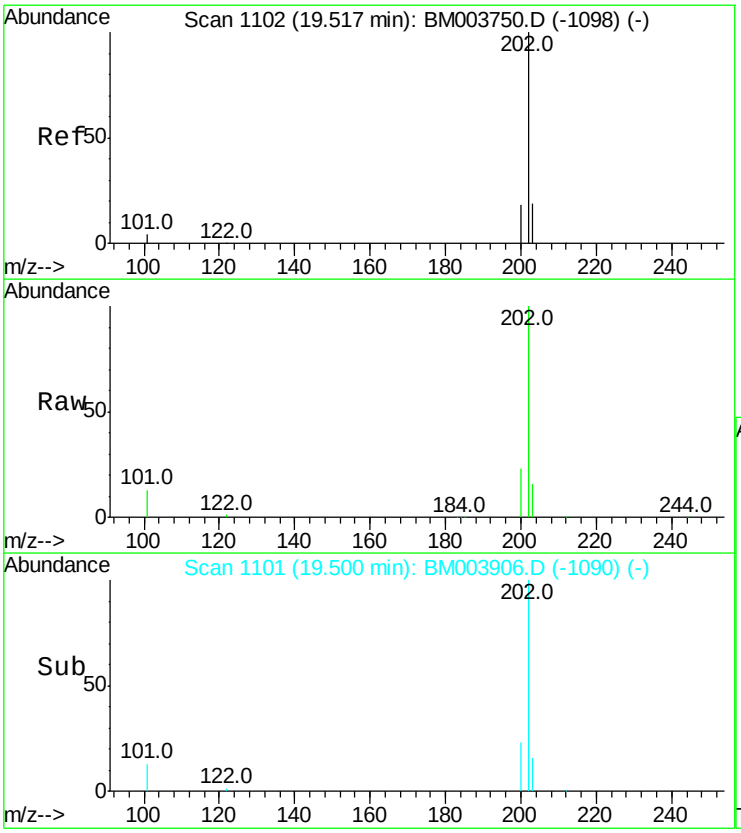
#27
Benzidine
Concen: 1.17 ng
RT: 19.33 min Scan# 1091
Delta R.T. -0.02 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:184 Resp: 12529

Ion	Ratio	Lower	Upper
184	100		
185	14.3	13.2	19.8
183	12.6	9.0	13.6

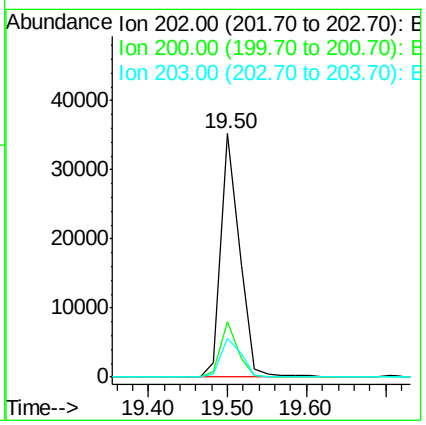


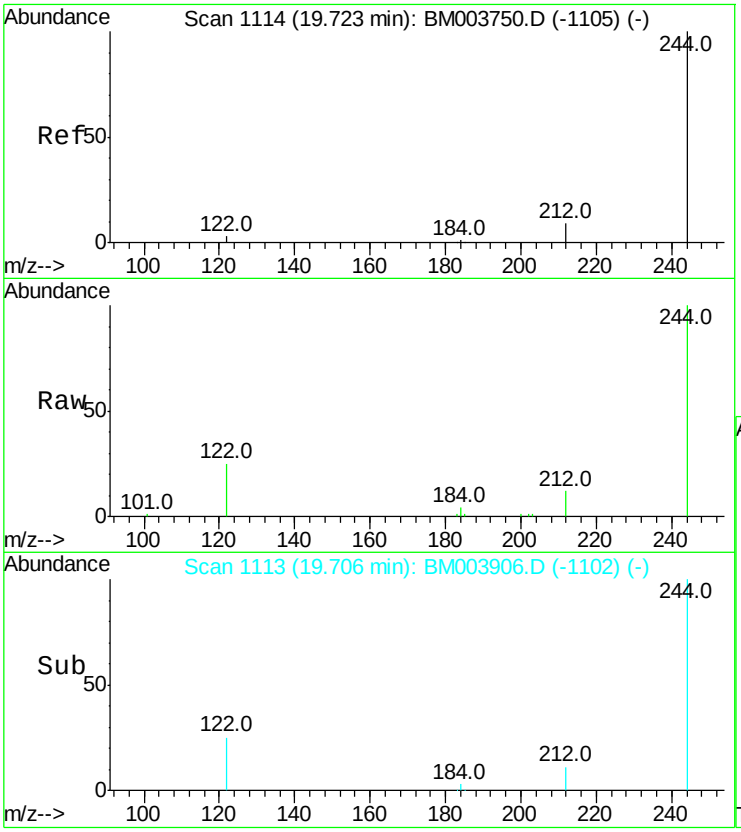


#28
Pyrene
Concen: 0.99 ng
RT: 19.50 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Tgt Ion:202 Resp: 57036

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	17.3	14.0	21.0



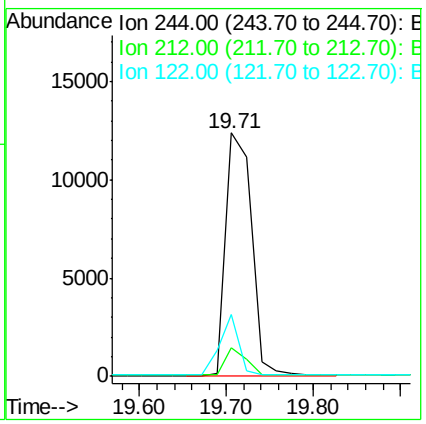


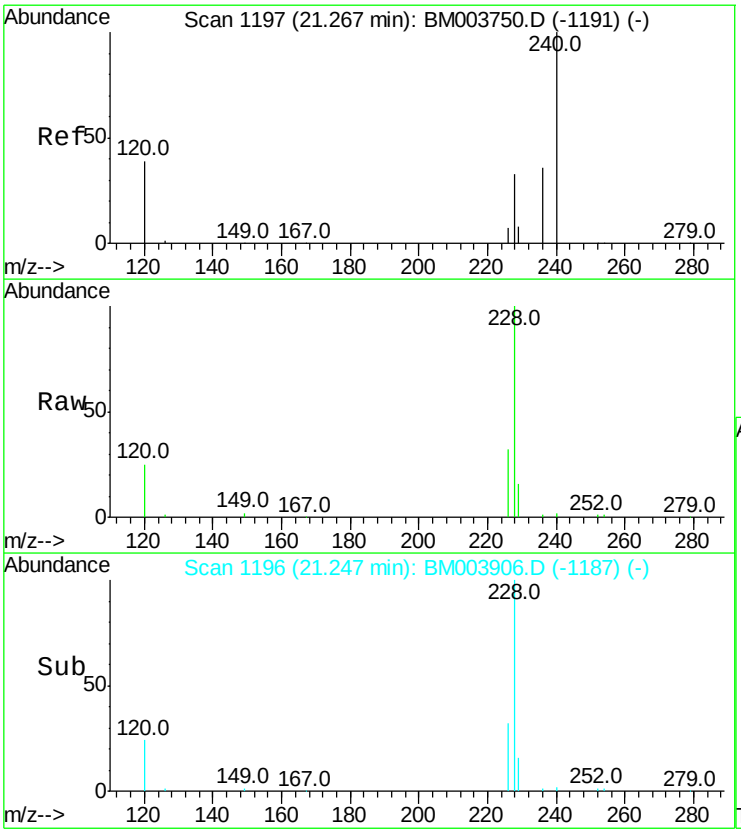
#29
Terphenyl-d14
Concen: 0.91 ng
RT: 19.71 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:244 Resp: 25465

Ion	Ratio	Lower	Upper
244	100		
212	11.8	7.0	10.6#
122	25.2	3.0	4.6#

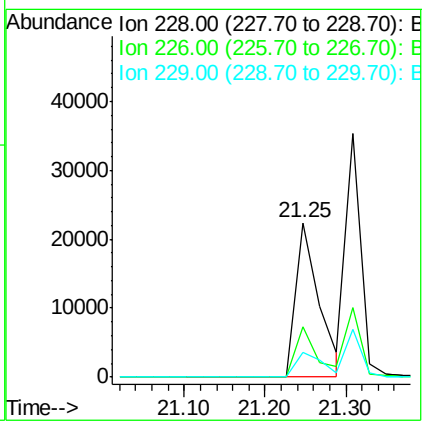


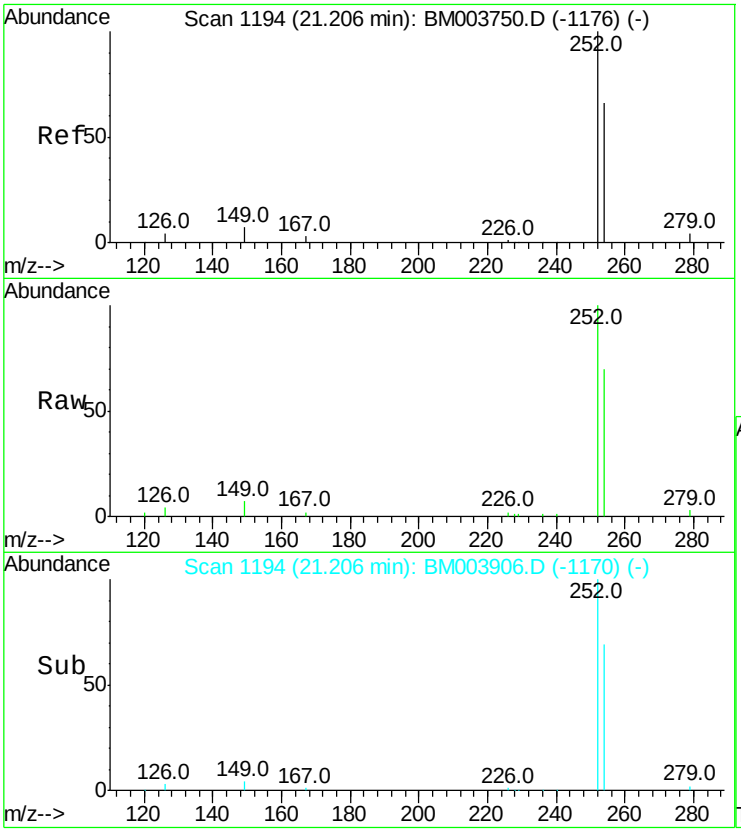


#30
Benzo(a)anthracene
Concen: 0.88 ng
RT: 21.25 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Tgt Ion:228 Resp: 44473

Ion	Ratio	Lower	Upper
228	100		
226	32.4	17.2	25.8#
229	16.4	18.7	28.1#



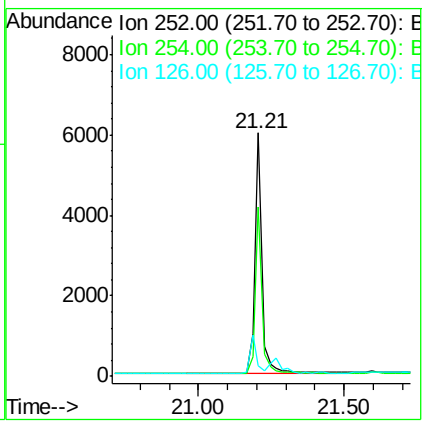


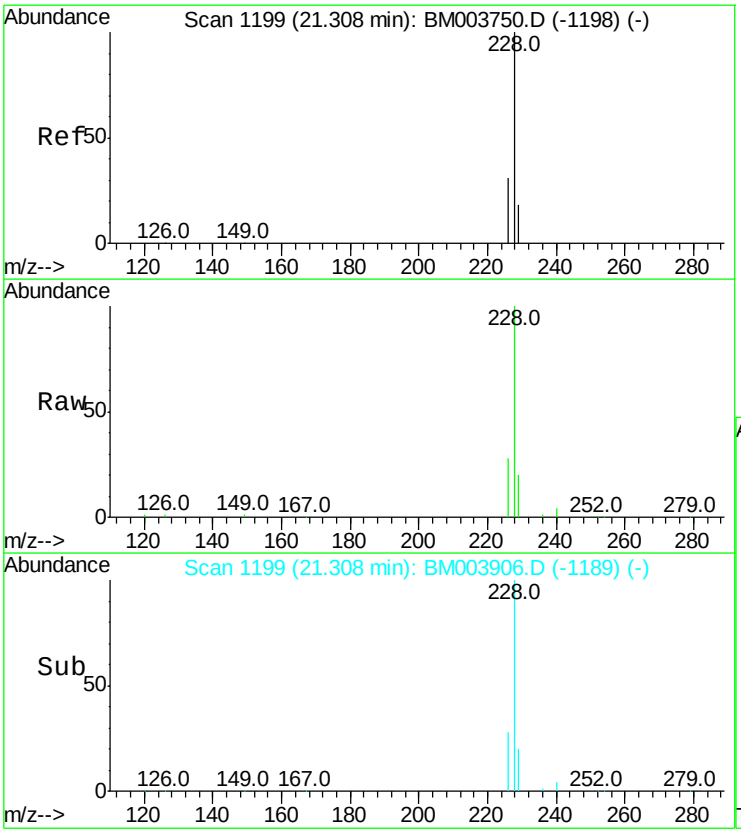
#31
3,3'-Dichlorobenzidine
Concen: 0.82 ng
RT: 21.21 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 10419

Ion	Ratio	Lower	Upper
252	100		
254	69.5	52.6	79.0
126	4.5	3.7	5.5

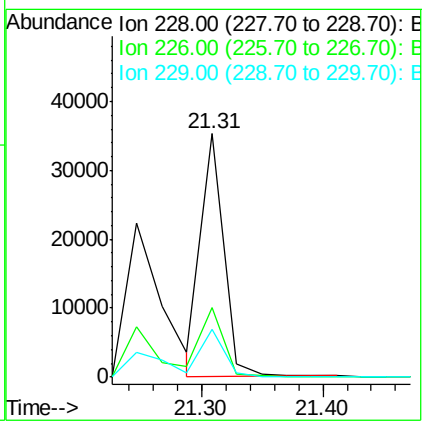


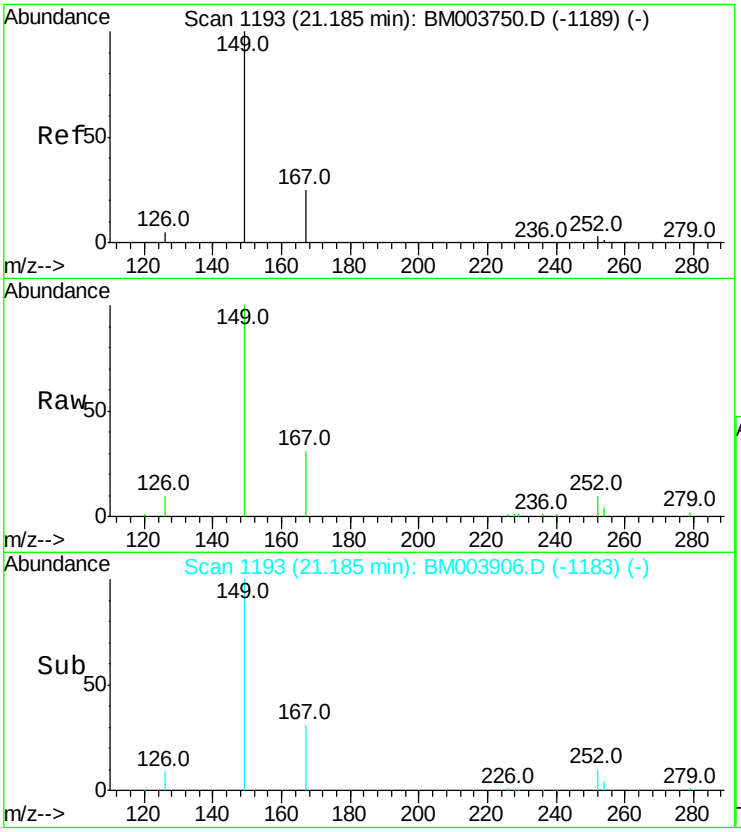


#32
Chrysene
Concen: 0.90 ng
RT: 21.31 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Tgt Ion:228 Resp: 46262

Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.3	37.9
229	19.7	14.5	21.7



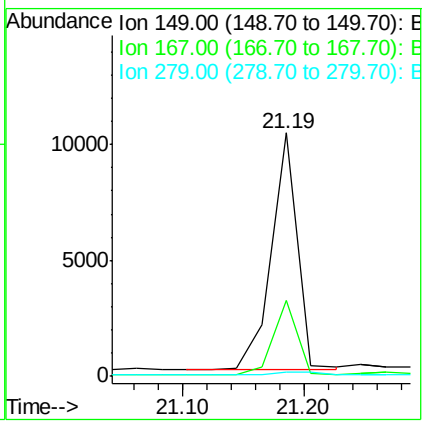


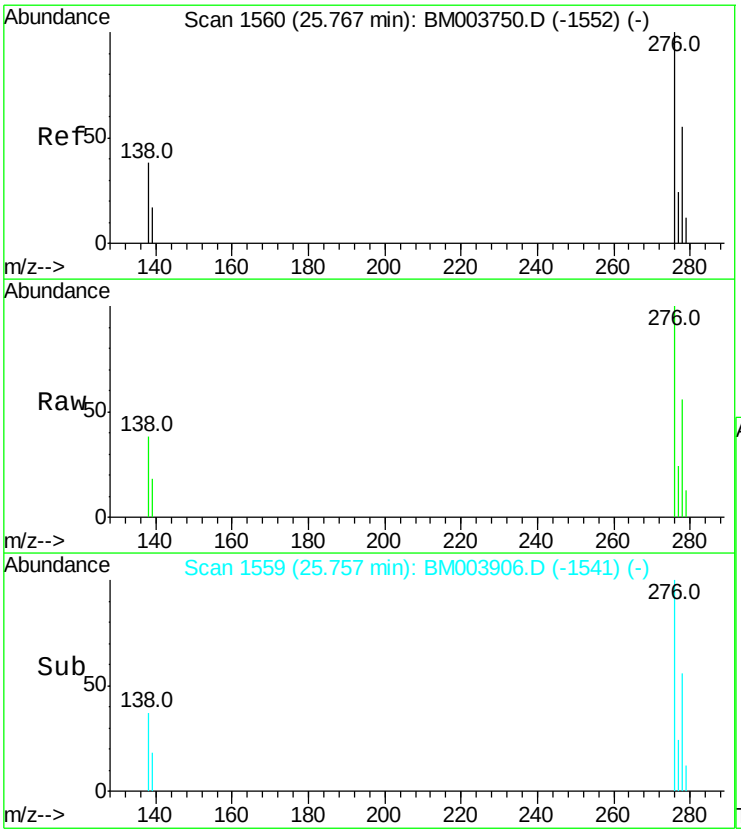
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.59 ng
RT: 21.19 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:149 Resp: 15145

Ion	Ratio	Lower	Upper
149	100		
167	28.9	20.1	30.1
279	2.0	0.0	0.0#

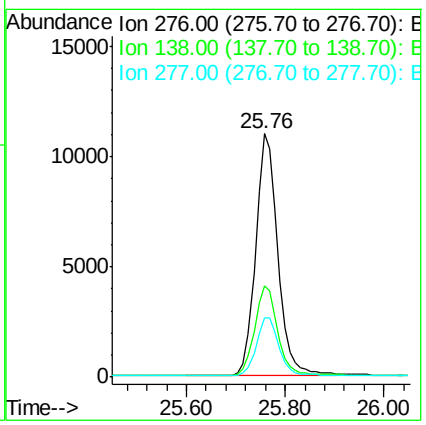


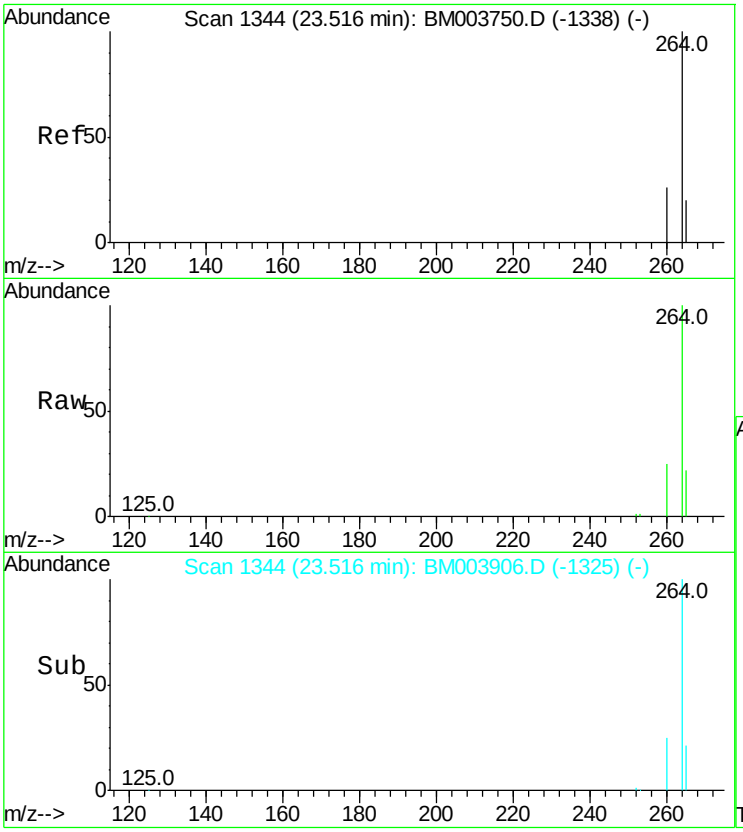


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.96 ng
RT: 25.76 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Tgt Ion:276 Resp: 33906

Ion	Ratio	Lower	Upper
276	100		
138	37.9	30.2	45.2
277	24.8	19.8	29.8



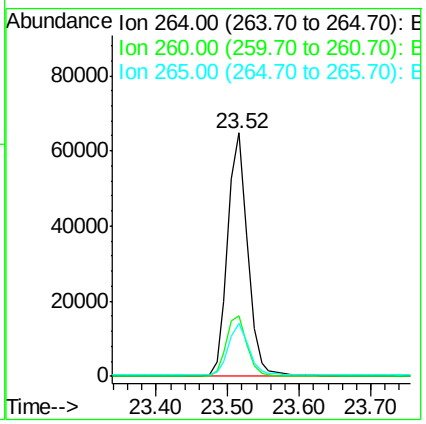


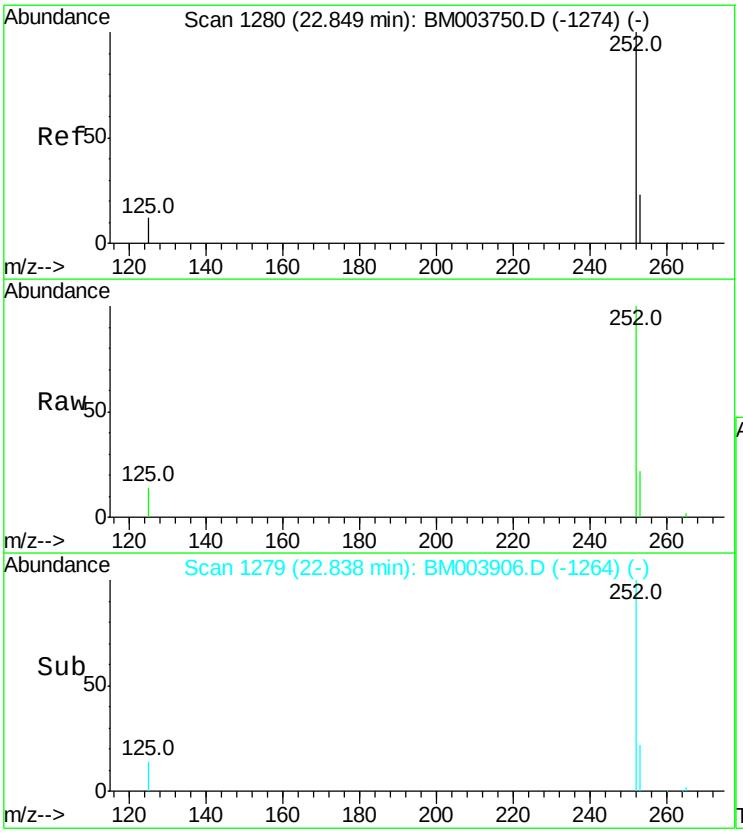
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.52 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:264 Resp: 125163

Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.2	31.8
265	22.0	16.7	25.1

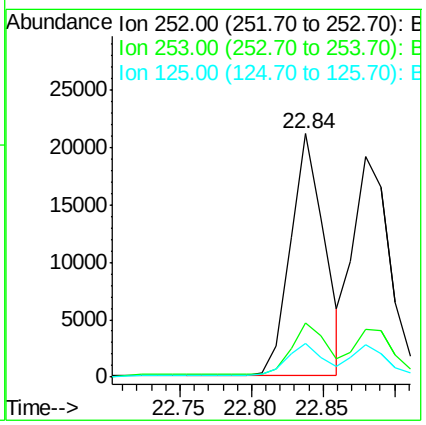


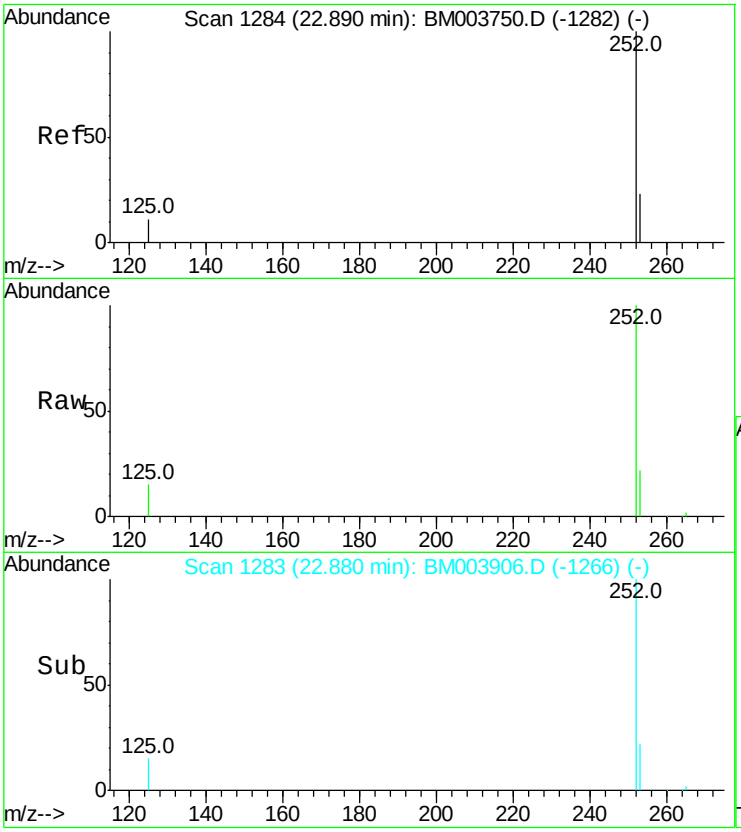


#36
Benzo(b)fluoranthene
Concen: 0.85 ng
RT: 22.84 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Tgt Ion:252 Resp: 34837

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.8	28.2
125	14.0	10.2	15.4



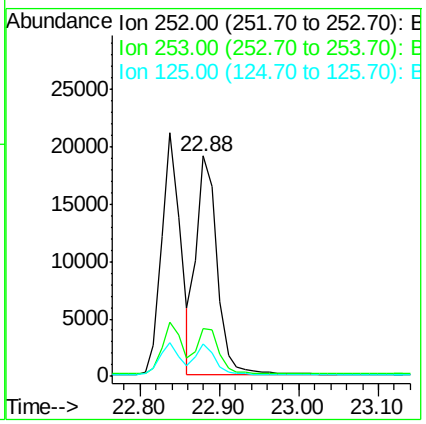


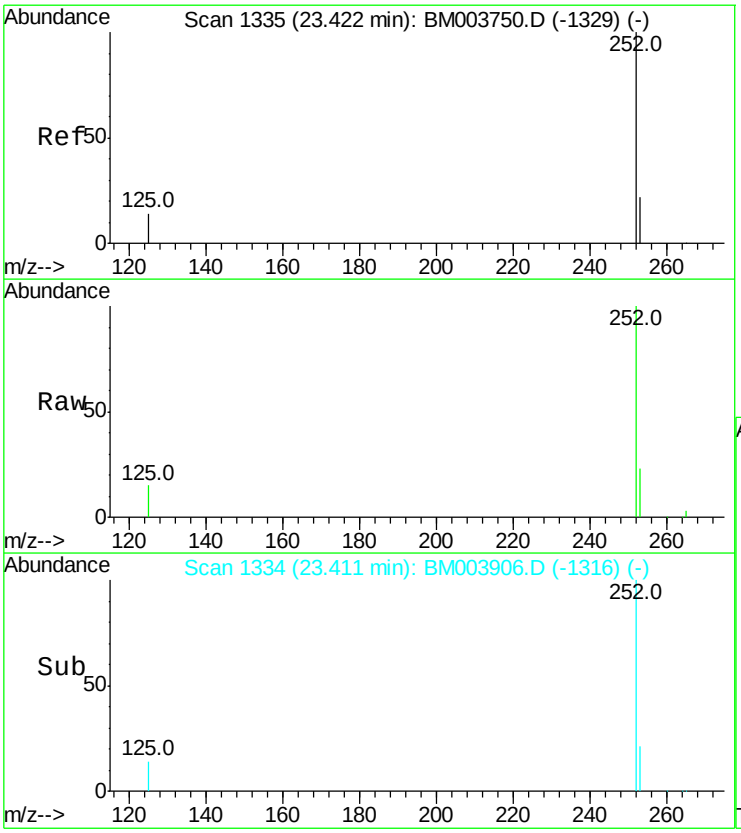
#37
Benzo(k)fluoranthene
Concen: 0.92 ng
RT: 22.88 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 34802

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.3	27.5
125	14.6	10.6	15.8

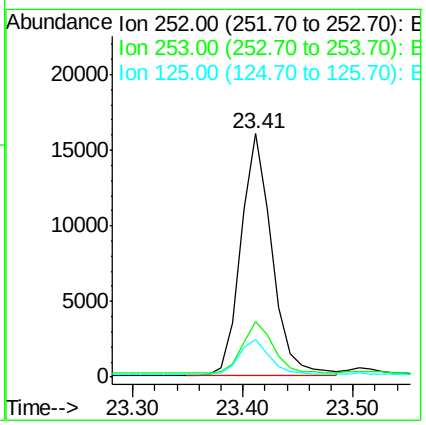


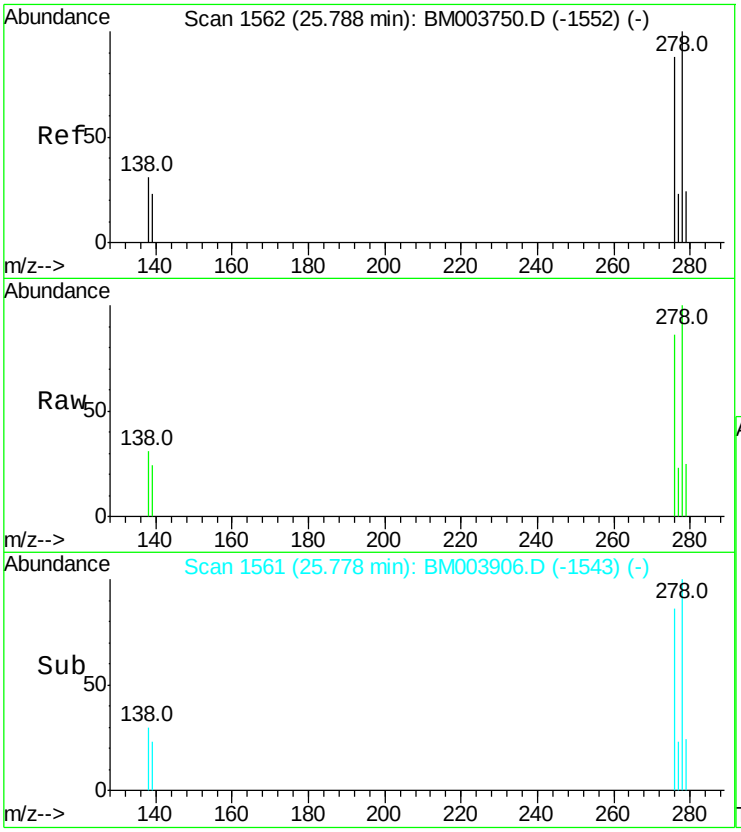


#38
Benzo(a)pyrene
Concen: 0.88 ng
RT: 23.41 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Tgt Ion:252 Resp: 30875

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.7	28.1
125	15.2	11.8	17.8



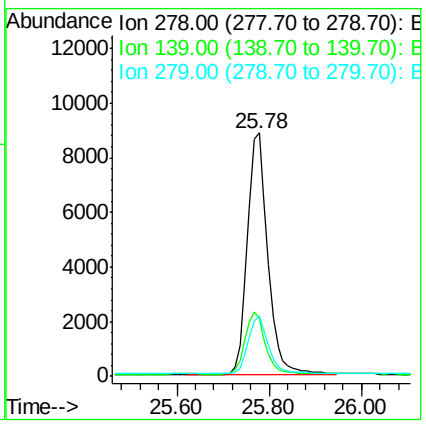


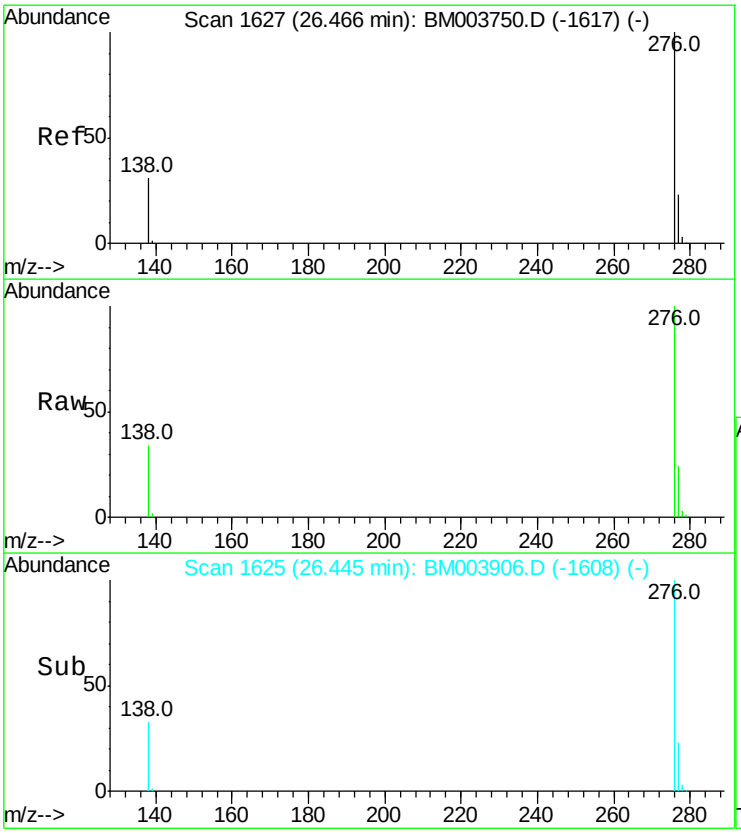
#39
Dibenzo(a,h)anthracene
Concen: 1.00 ng
RT: 25.78 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:278 Resp: 27493

Ion	Ratio	Lower	Upper
278	100		
139	23.6	19.0	28.6
279	24.6	19.6	29.4





#40
Benzo(g,h,i)perylene
Concen: 1.03 ng
RT: 26.44 min Scan# 1625
Delta R.T. -0.02 min
Lab File: BM003906.D
Acq: 31 Dec 2015 09:47

Tgt Ion:276 Resp: 29529

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	33.7	25.0	37.4