Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060215\
Data File : BM001534.D
Acq On : 03 Jun 2015 04:58
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC001

Quant Time: Jun 03 05:41:08 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 03 02:19:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	17305	5.00	ng		0.00
6) Naphthalene-d8	10.49	136	60932	5.00	ng		0.00
12) Acenaphthene-d10	14.36	164	29590	5.00	ng		0.00
18) Phenanthrene-d10	17.09	188	90106	5.00	ng		0.00
25) Chrysene-d12	21.28	240	49714	5.00	ng		-0.01
32) Perylene-d12	23.53	264	46672	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	3706	0.98	ng		-0.02
5) Phenol-d6	6.86	99	4525	0.97	ng		0.00
7) Nitrobenzene-d5	8.87	82	3780	1.00	ng		0.00
13) 2,4,6-Tribromophenol	15.83	330	685	1.24	ng		0.00
14) 2-Fluorobiphenyl	12.98	172	8829	0.99	ng		0.00
27) Terphenyl-d14	19.73	244	6136	1.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	1593	0.98	ng		99
3) n-Nitrosodimethylamine	3.52	42	2485	1.01	ng		100
8) Nitrobenzene	8.91	77	4019	1.00	ng		97
9) Naphthalene	10.54	128	12752	0.99	ng		96
10) Hexachlorobutadiene	10.83	225	2250	1.00	ng		100
11) 2-Methylnaphthalene	12.16	142	7973	0.99	ng		94
15) Acenaphthylene	14.07	152	12205	0.97	ng		100
16) Acenaphthene	14.42	154	7784	0.98	ng		97
17) Fluorene	15.39	166	10883	0.83	ng		98
19) 4-Bromophenyl-phenylether	16.27	248	1266	1.01	ng	#	1
20) Hexachlorobenzene	16.41	284	2523	0.75	ng	#	37
21) Pentachlorophenol	16.75	266	1215	0.82	ng		90
22) Phenanthrene	17.12	178	19051	1.21	ng		98
23) Anthracene	17.23	178	15014	0.79	ng		99
24) Fluoranthene	19.16	202	14204	0.90	ng		98
26) Pyrene	19.53	202	14929	1.00	ng		100
28) Benzo(a)anthracene	21.27	228	13663	1.02	ng		99
29) Chrysene	21.31	228	12107	0.96	ng		99
30) Bis(2-ethylhexyl)phthalate	21.21	149	8341	0.88	ng	#	97
31) Indeno(1,2,3-cd)pyrene	25.79	276	14085	1.00	ng		94
33) Benzo(b)fluoranthene	22.85	252	13183	0.99	ng		96
34) Benzo(k)fluoranthene	22.85	252	13183	1.13	ng		95
35) Benzo(a)pyrene	23.43	252	11118	0.98	ng	#	96
36) Dibenzo(a,h)anthracene	25.82	278	11139	0.99	ng		96
37) Benzo(g,h,i)perylene	26.48	276	11701	0.99	ng	#	94

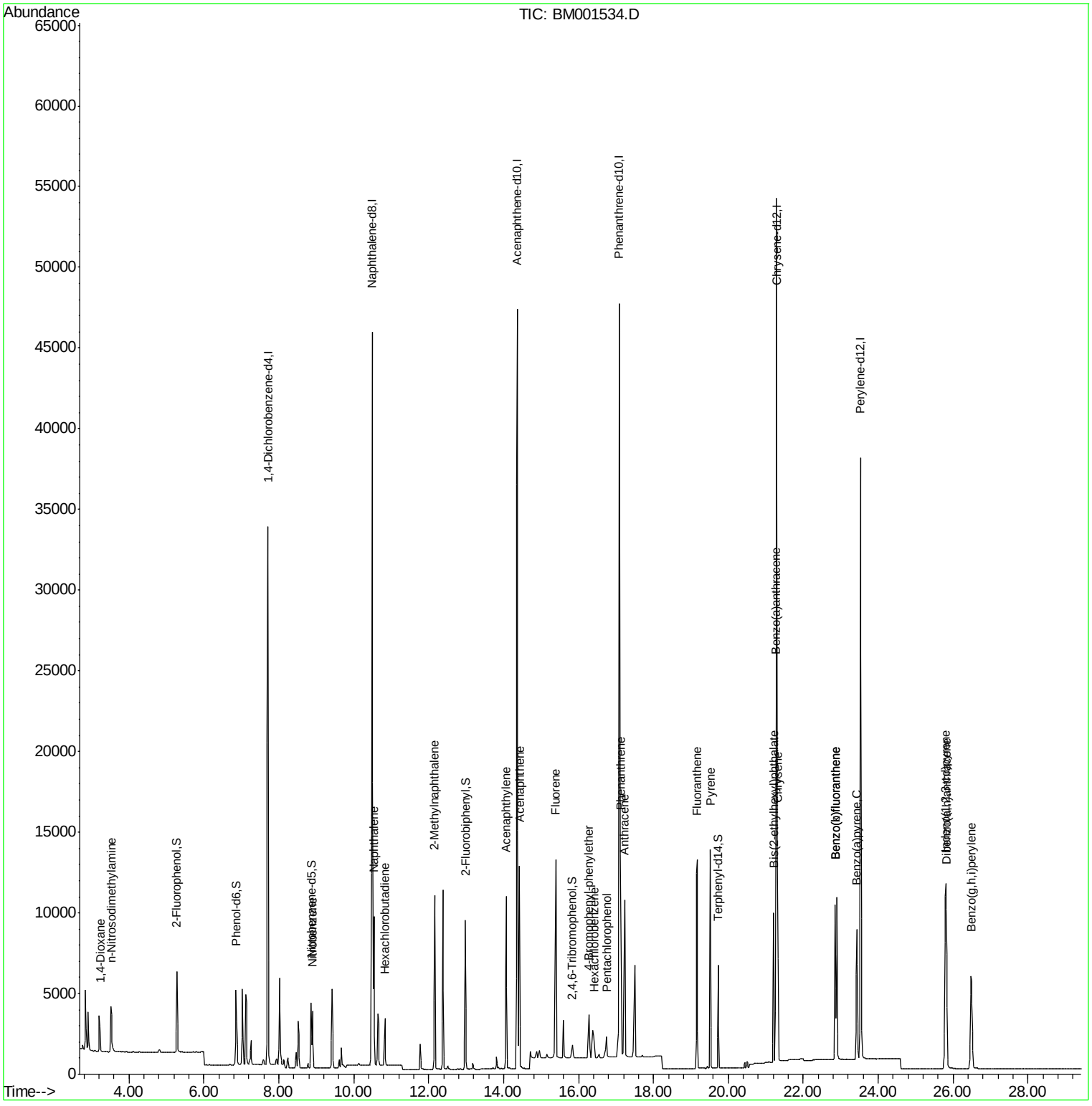
(#) = qualifier out of range (m) = manual integration (+) = signals summed

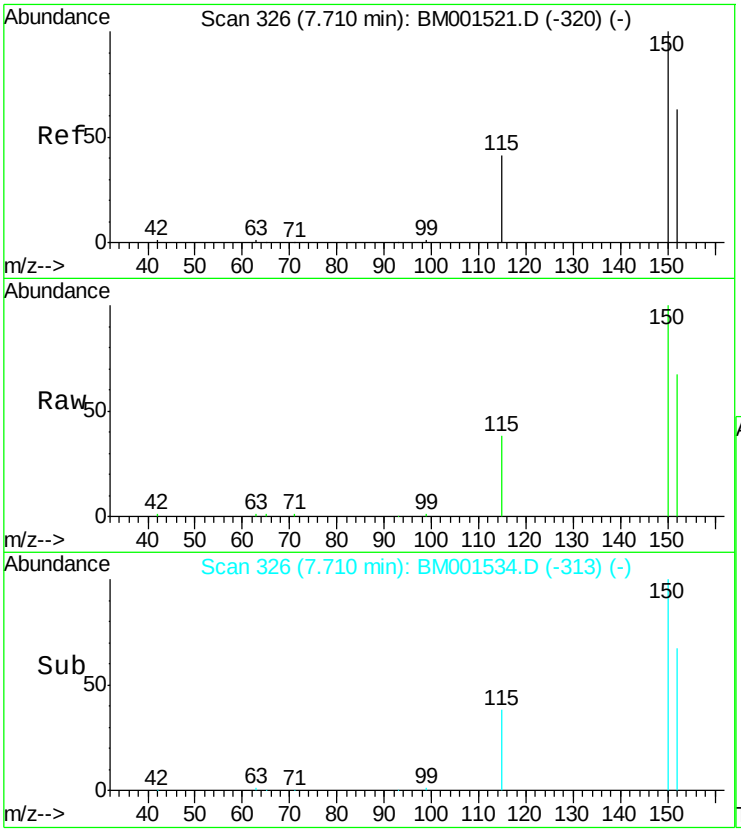
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060215\
Data File : BM001534.D
Acq On : 03 Jun 2015 04:58
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Quant Time: Jun 03 05:41:08 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 03 02:19:00 2015
Response via : Initial Calibration



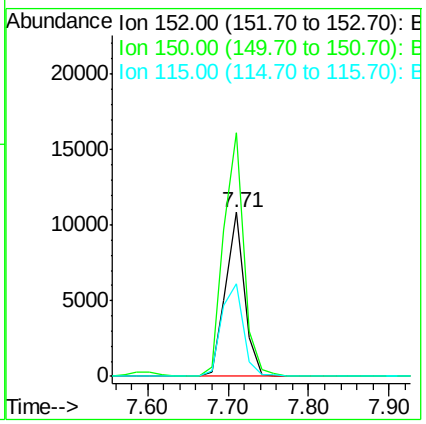


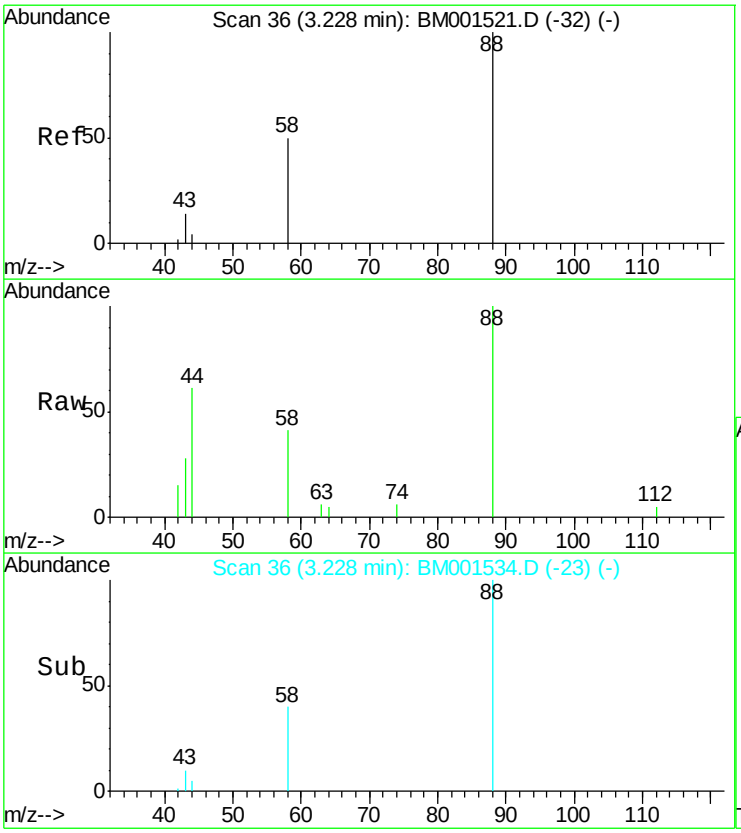
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.71 min Scan# 326
Delta R.T. -0.00 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 17305

Ion	Ratio	Lower	Upper
152	100		
150	148.3	119.0	178.6
115	56.4	41.8	62.8

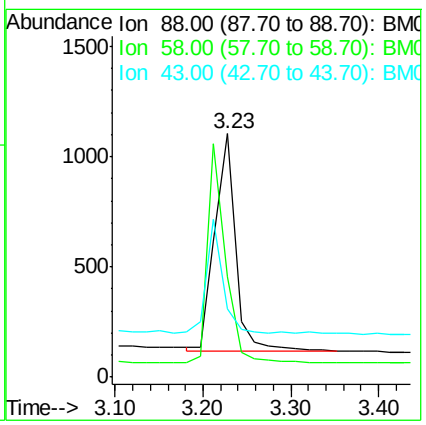


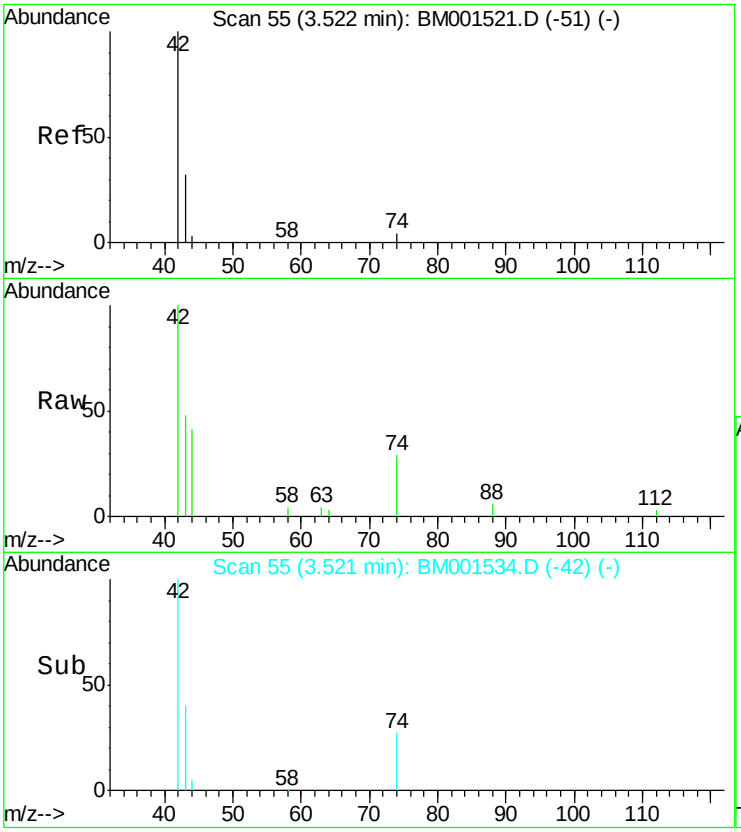


#2
1,4-Dioxane
Concen: 0.98 ng
RT: 3.23 min Scan# 36
Delta R.T. 0.00 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Tgt Ion: 88 Resp: 1593

Ion	Ratio	Lower	Upper
88	100		
58	87.6	71.3	106.9
43	43.9	35.5	53.3



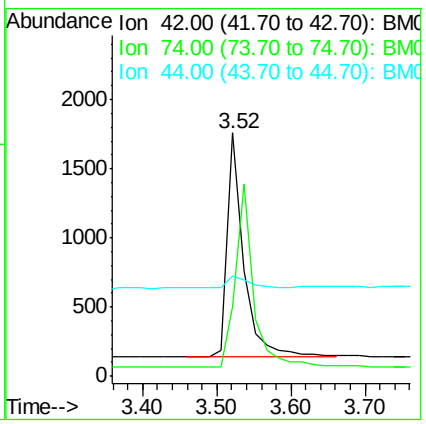


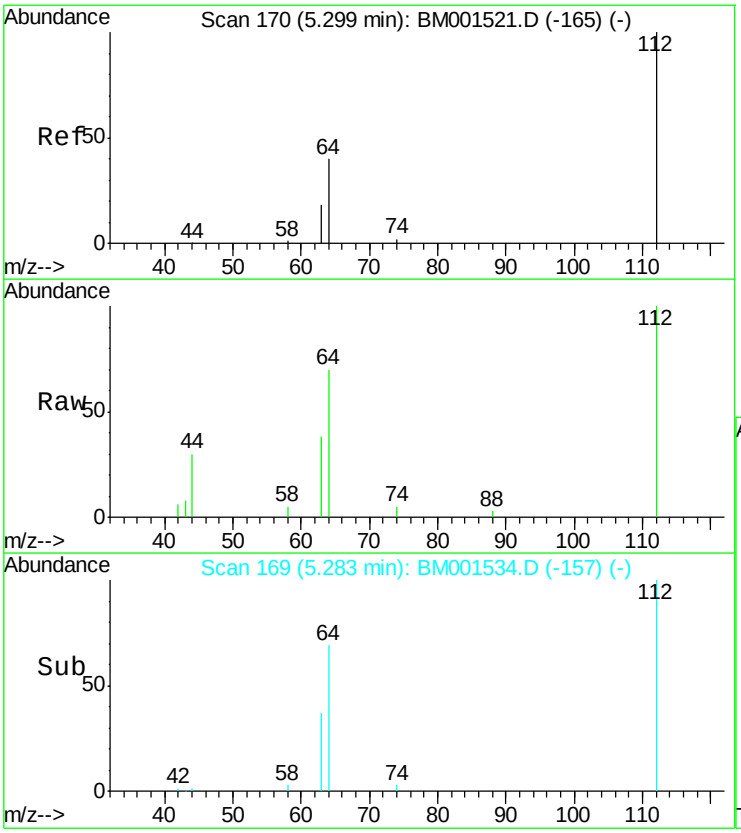
#3
n-Nitrosodimethylamine
Concen: 1.01 ng
RT: 3.52 min Scan# 55
Delta R.T. -0.00 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 42 Resp: 2485

Ion	Ratio	Lower	Upper
42	100		
74	90.7	72.2	108.2
44	7.6	6.2	9.2

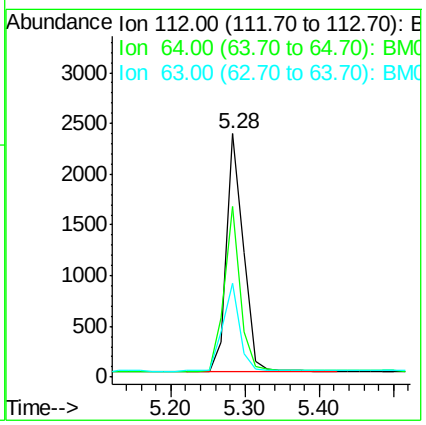


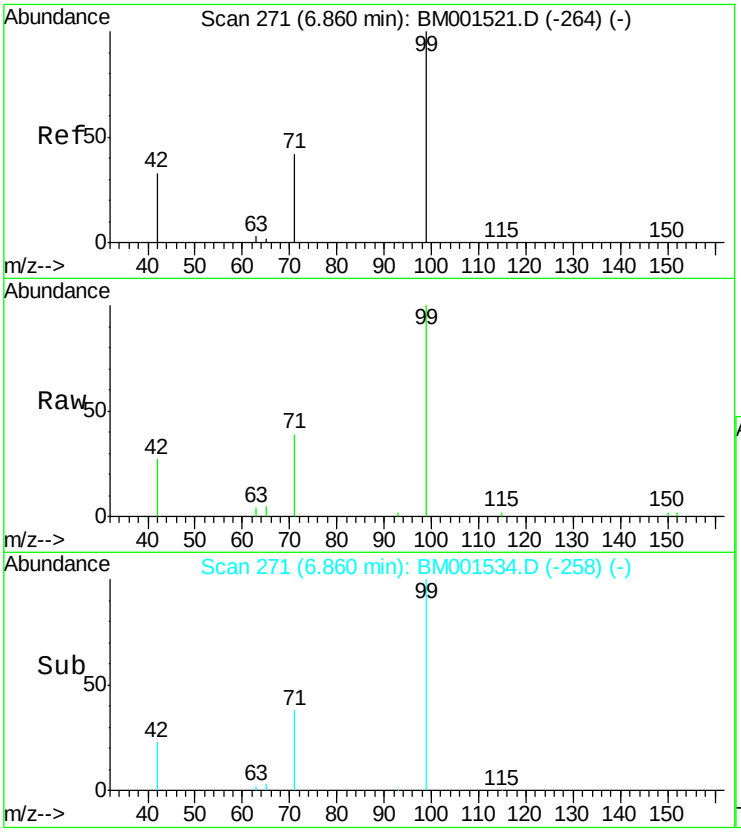


#4
2-Fluorophenol
Concen: 0.98 ng
RT: 5.28 min Scan# 169
Delta R.T. -0.02 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Tgt Ion:112 Resp: 3706

Ion	Ratio	Lower	Upper
112	100		
64	66.1	51.7	77.5
63	37.1	29.7	44.5



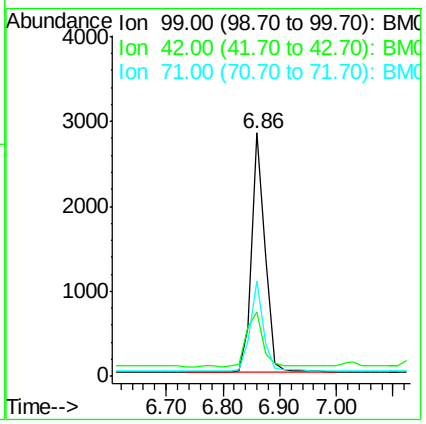


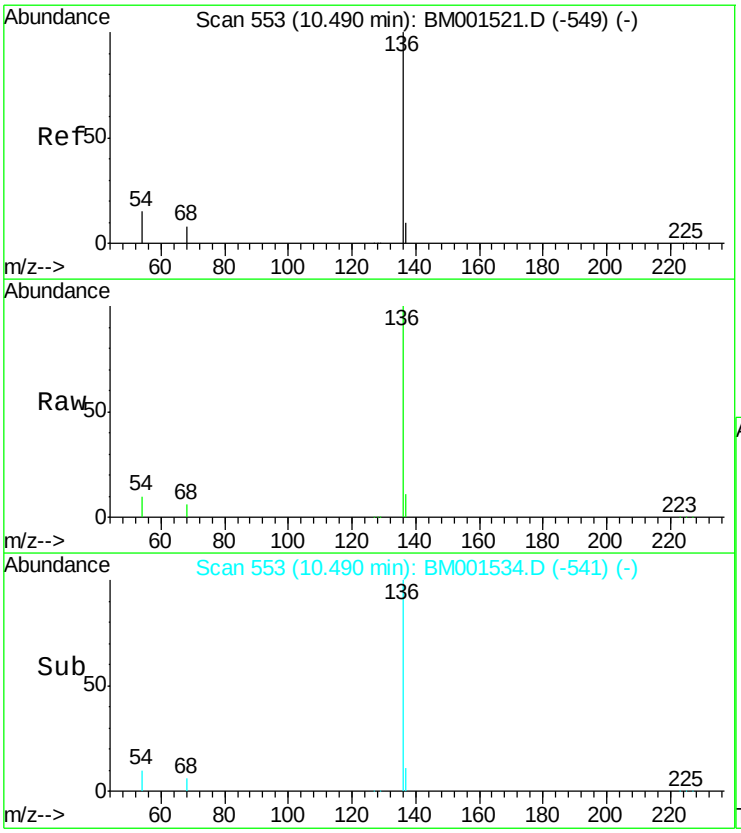
#5
Phenol-d6
Concen: 0.97 ng
RT: 6.86 min Scan# 271
Delta R.T. -0.00 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 99 Resp: 4525

Ion	Ratio	Lower	Upper
99	100		
42	27.4	21.8	32.6
71	36.4	29.2	43.8

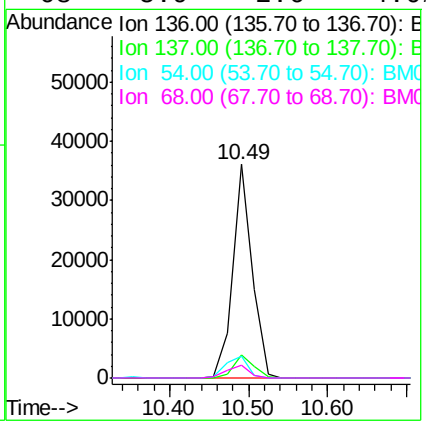


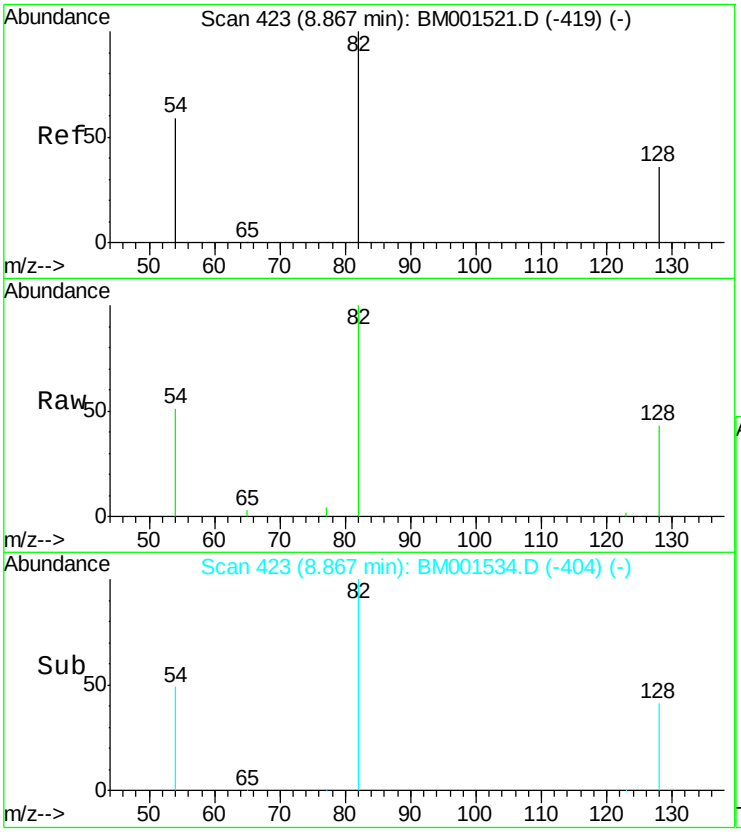


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.49 min Scan# 553
Delta R.T. -0.00 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Tgt Ion:136 Resp: 60932

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	9.9	4.3	6.5#
68	5.9	2.6	4.0#



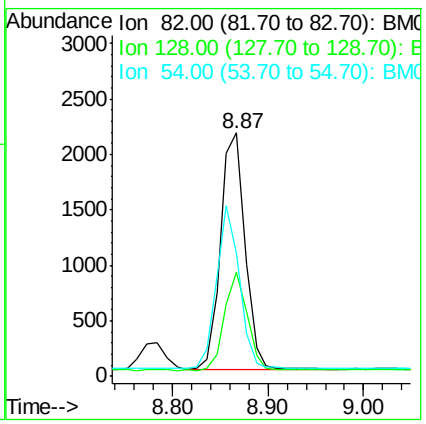


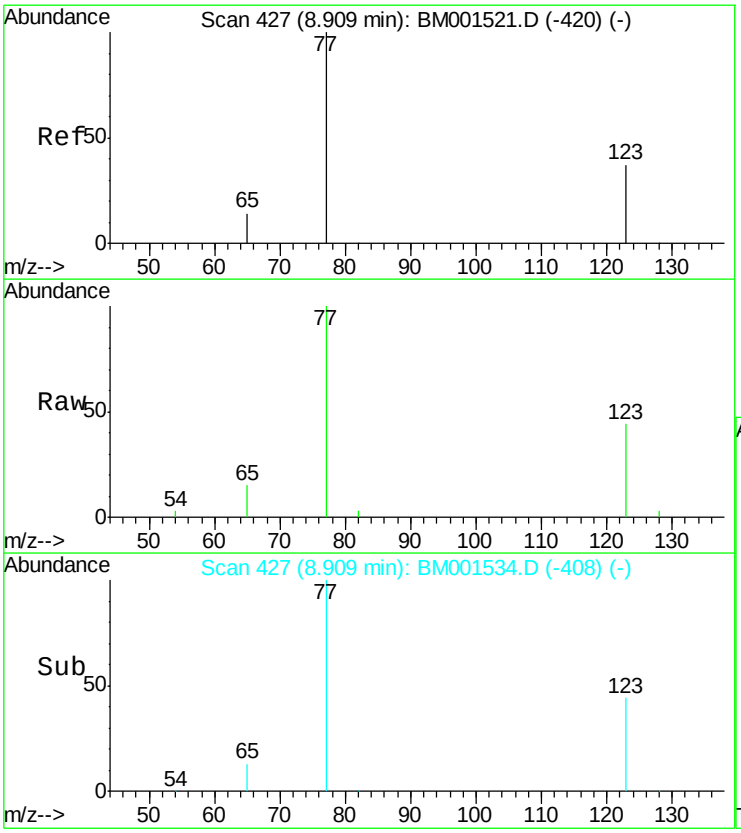
#7
Nitrobenzene-d5
Concen: 1.00 ng
RT: 8.87 min Scan# 423
Delta R.T. -0.00 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 82 Resp: 3780

Ion	Ratio	Lower	Upper
82	100		
128	42.5	30.2	45.4
54	50.7	52.9	79.3#

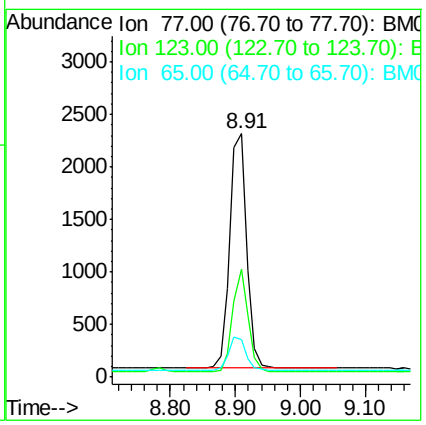


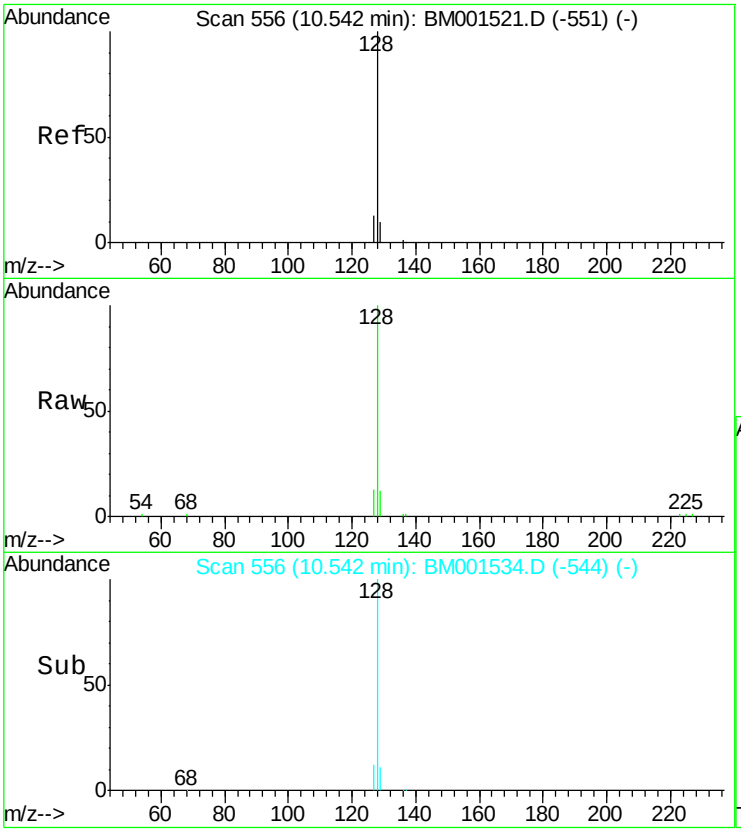


#8
Nitrobenzene
Concen: 1.00 ng
RT: 8.91 min Scan# 427
Delta R.T. -0.00 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Tgt Ion: 77 Resp: 4019

Ion	Ratio	Lower	Upper
77	100		
123	39.7	33.7	50.5
65	14.4	11.3	16.9



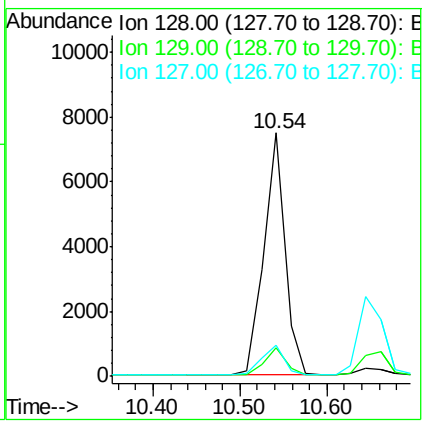


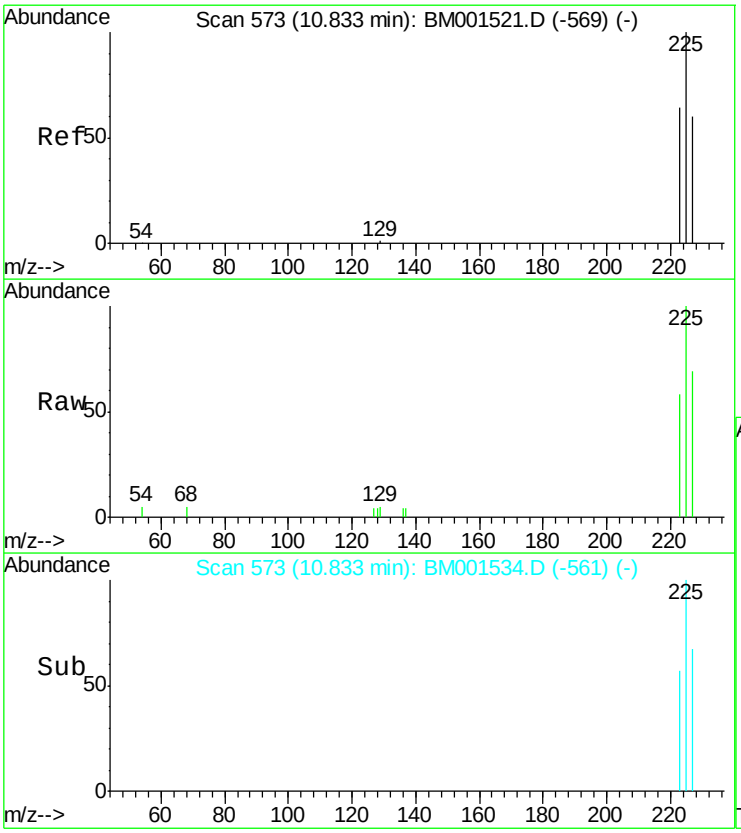
#9
Naphthalene
Concen: 0.99 ng
RT: 10.54 min Scan# 556
Delta R.T. -0.00 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:128 Resp: 12752

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	13.0
127	12.6	11.7	17.5

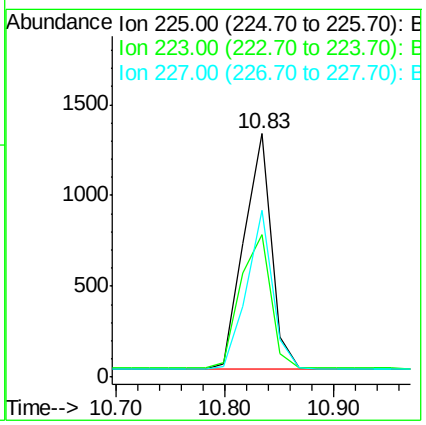


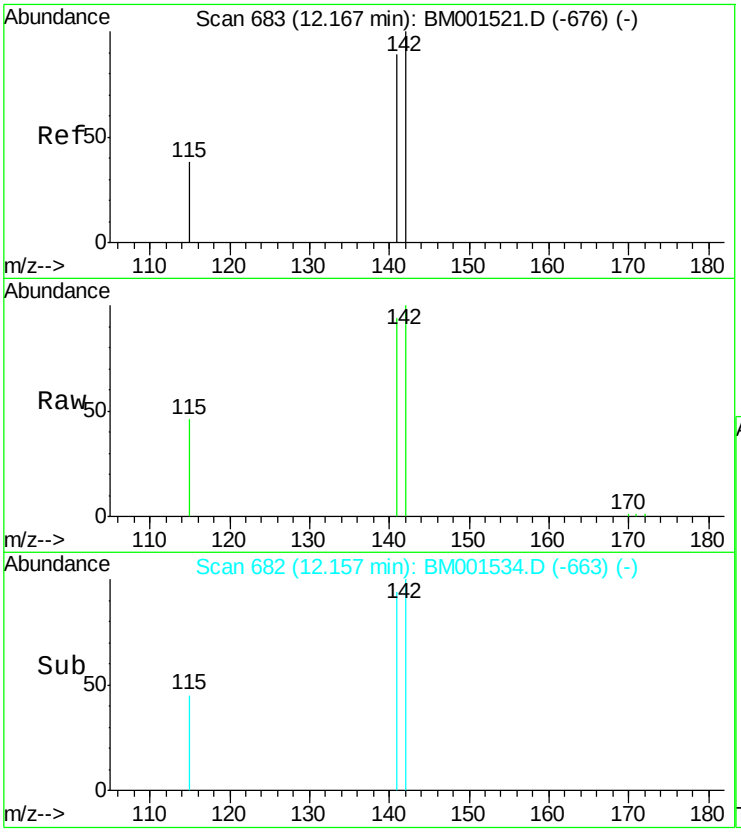


#10
Hexachlorobutadiene
Concen: 1.00 ng
RT: 10.83 min Scan# 573
Delta R.T. -0.00 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Tgt Ion:225 Resp: 2250

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.2	75.2
227	63.8	51.1	76.7



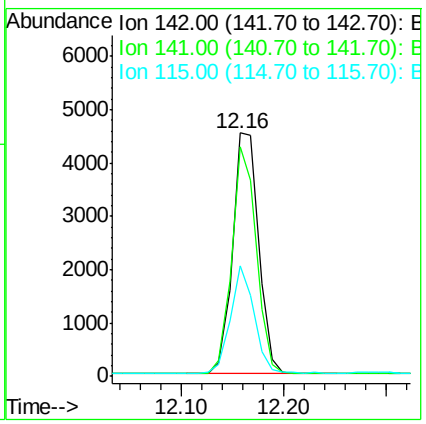


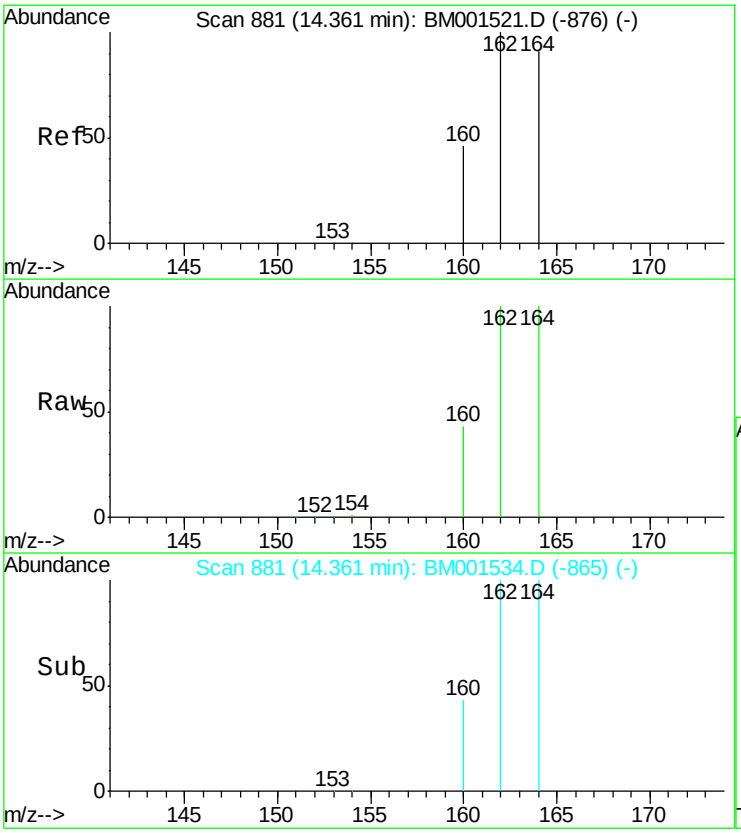
#11
2-Methylnaphthalene
Concen: 0.99 ng
RT: 12.16 min Scan# 682
Delta R.T. -0.01 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:142 Resp: 7973

Ion	Ratio	Lower	Upper
142	100		
141	94.5	72.6	109.0
115	45.5	31.2	46.8

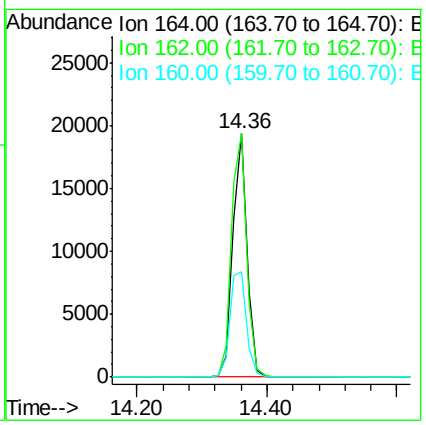


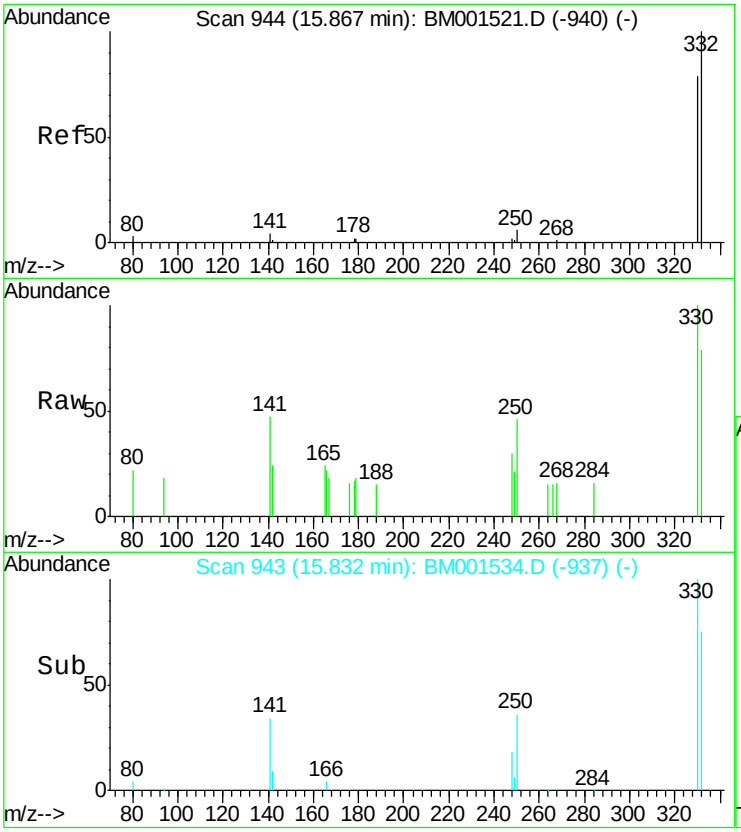


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.36 min Scan# 881
Delta R.T. -0.01 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Tgt Ion:164 Resp: 29590

Ion	Ratio	Lower	Upper
164	100		
162	100.0	83.4	125.2
160	43.5	36.9	55.3



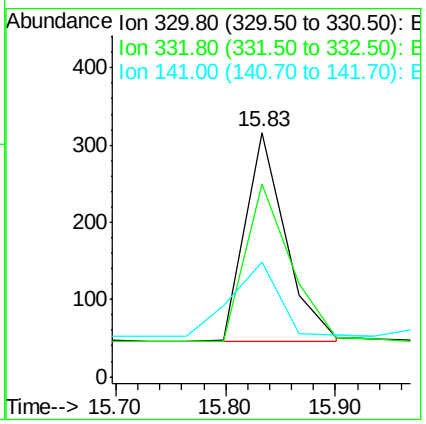


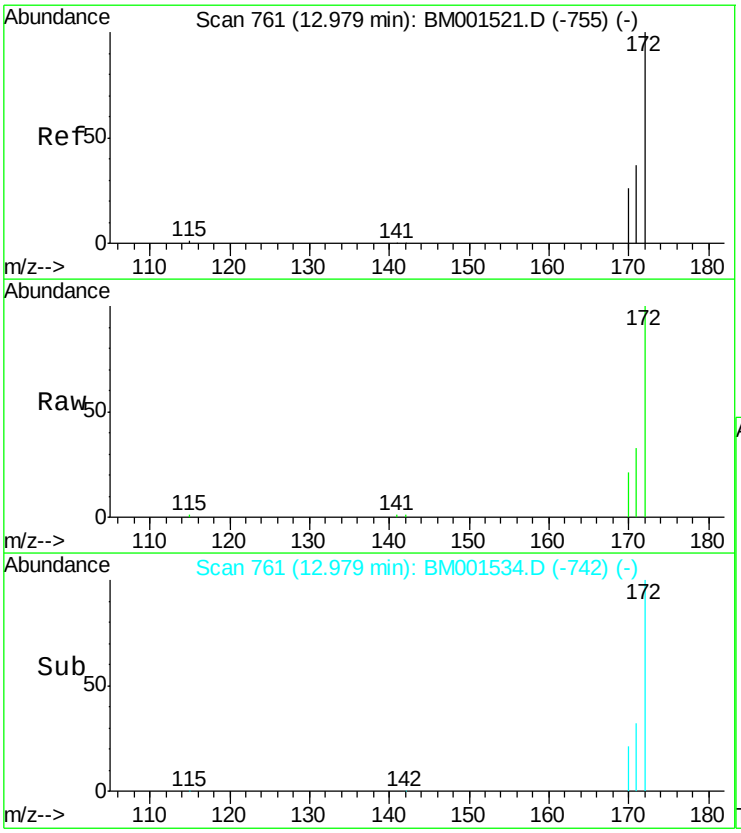
#13
2,4,6-Tribromophenol
Concen: 1.24 ng
RT: 15.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:330 Resp: 685

Ion	Ratio	Lower	Upper
330	100		
332	84.2	90.3	135.5#
141	42.8	0.0	0.0#

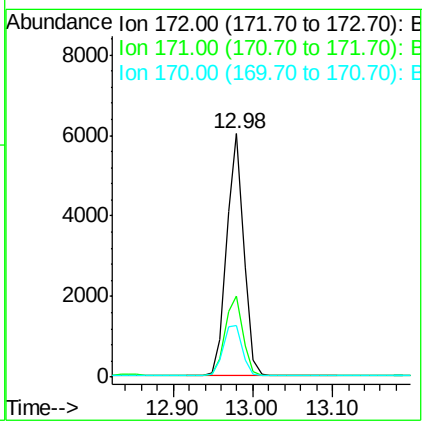


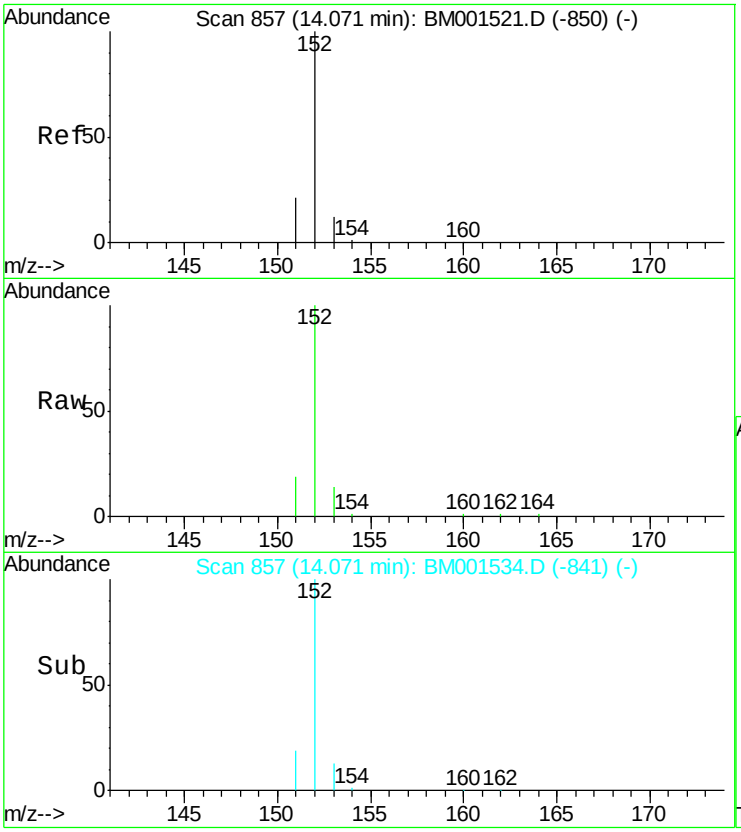


#14
2-Fluorobiphenyl
Concen: 0.99 ng
RT: 12.98 min Scan# 761
Delta R.T. -0.01 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Tgt Ion:172 Resp: 8829

Ion	Ratio	Lower	Upper
172	100		
171	33.2	29.4	44.0
170	21.2	20.2	30.4



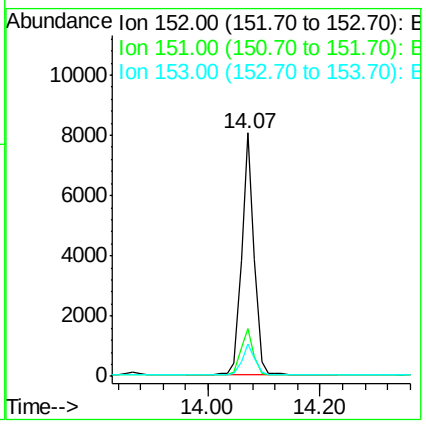


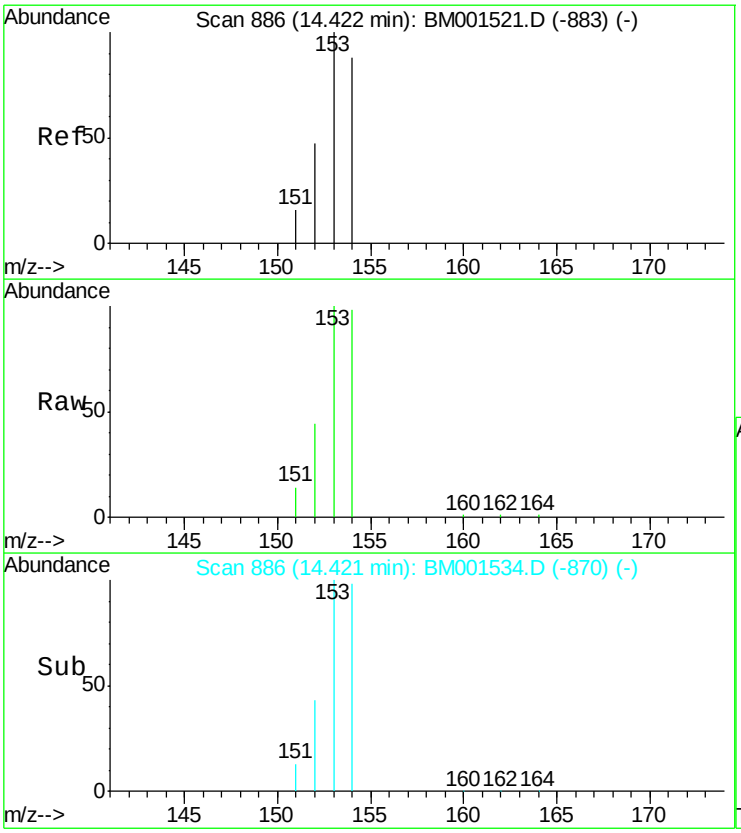
#15
Acenaphthylene
Concen: 0.97 ng
RT: 14.07 min Scan# 857
Delta R.T. -0.01 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 12205

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7
153	13.0	10.2	15.4

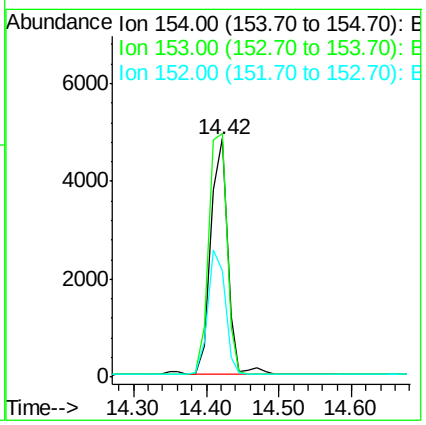


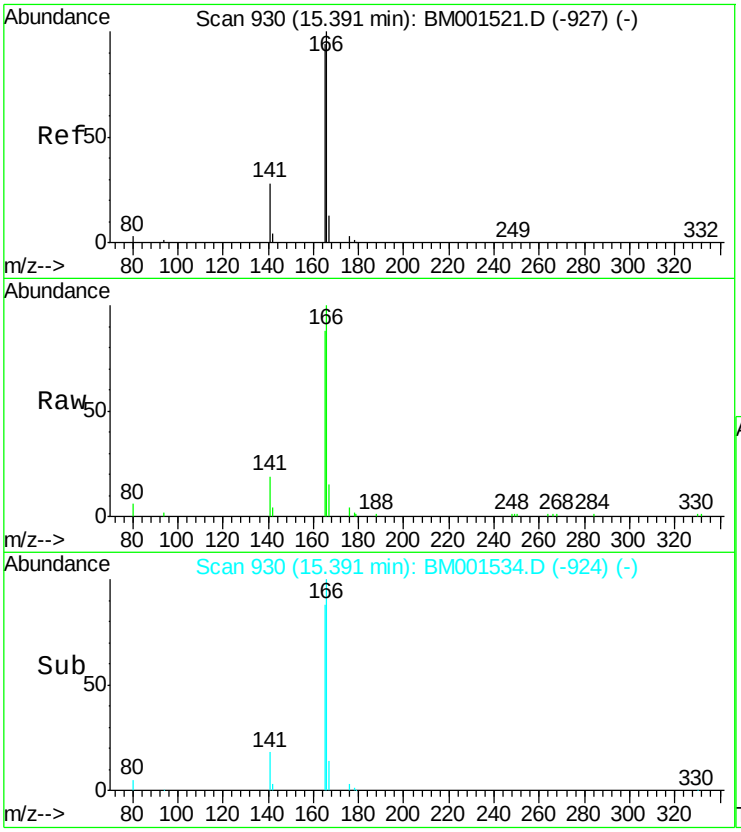


#16
Acenaphthene
Concen: 0.98 ng
RT: 14.42 min Scan# 886
Delta R.T. -0.01 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Tgt Ion:154 Resp: 7784

Ion	Ratio	Lower	Upper
154	100		
153	110.0	91.4	137.2
152	53.6	44.0	66.0



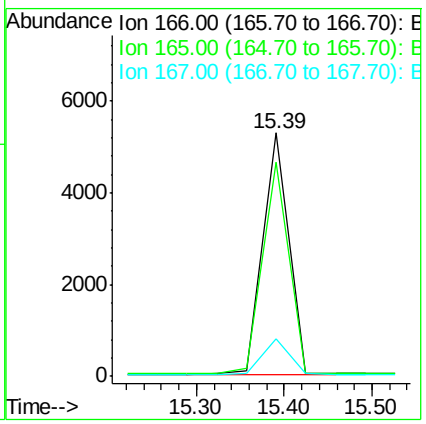


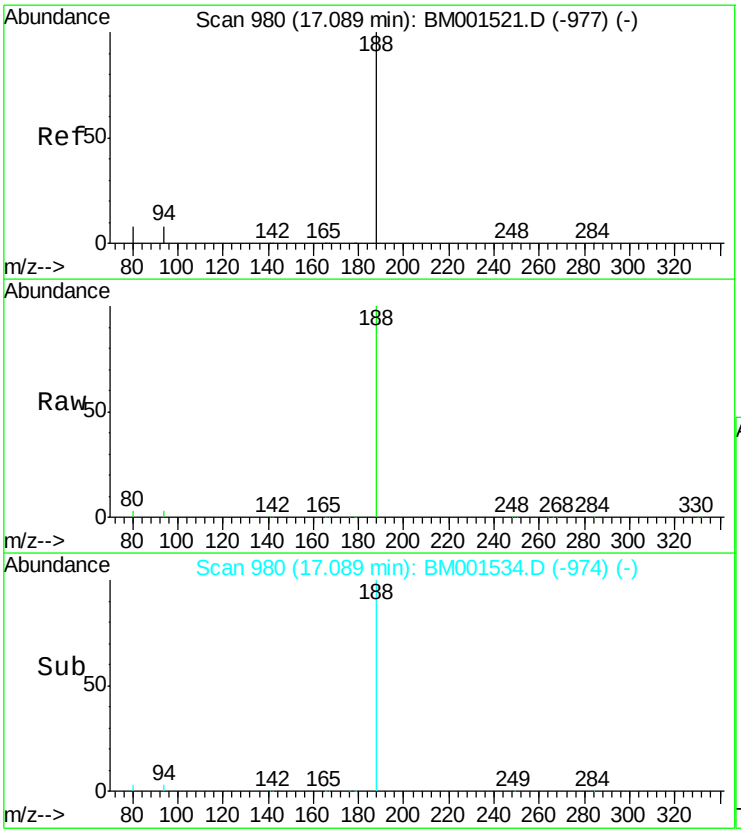
#17
Fluorene
Concen: 0.83 ng
RT: 15.39 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:166 Resp: 10883

Ion	Ratio	Lower	Upper
166	100		
165	88.5	72.6	108.8
167	14.4	10.9	16.3

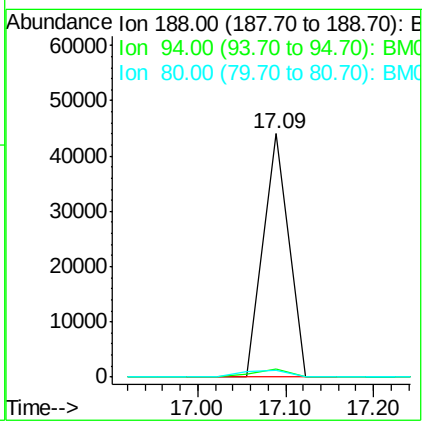


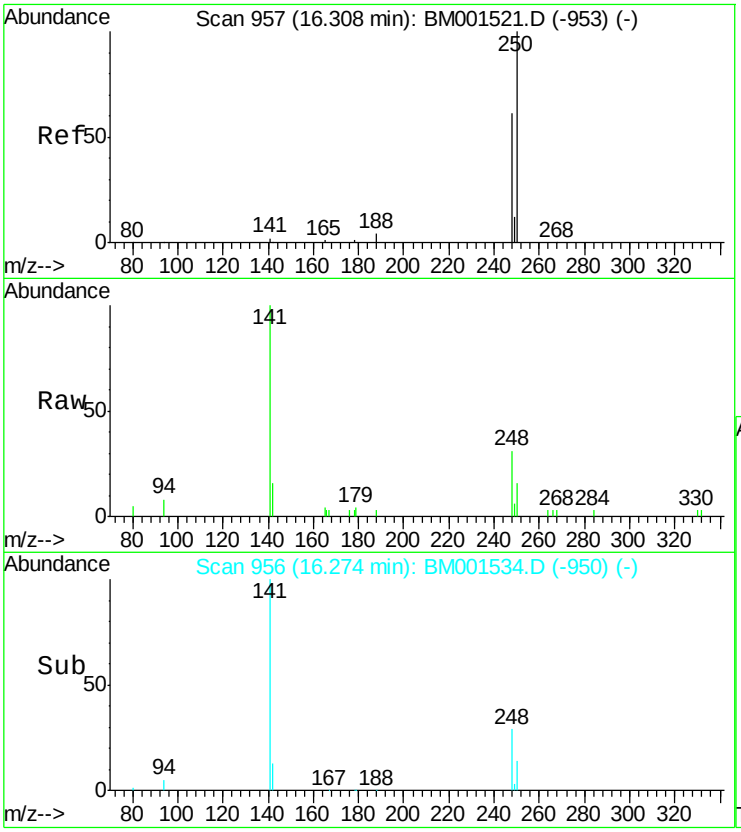


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 980
Delta R.T. -0.01 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Tgt Ion:188 Resp: 90106

Ion	Ratio	Lower	Upper
188	100		
94	3.2	3.0	4.4
80	2.8	2.5	3.7



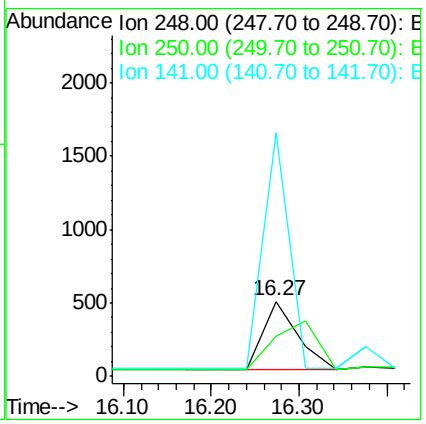


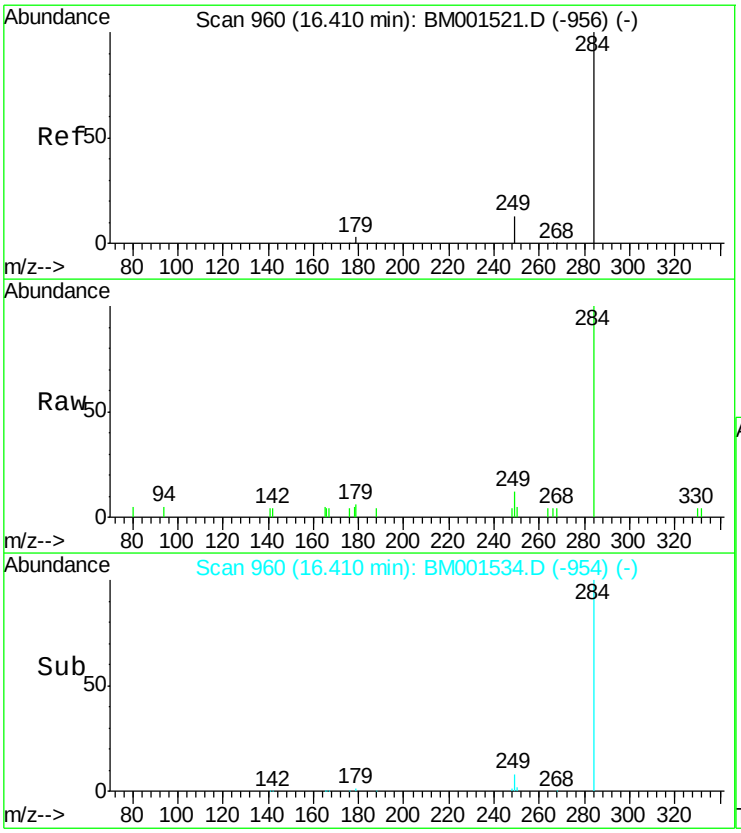
#19
4-Bromophenyl-phenylether
Concen: 1.01 ng
RT: 16.27 min Scan# 956
Delta R.T. -0.01 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:248 Resp: 1266

Ion	Ratio	Lower	Upper
248	100		
250	0.0	76.8	115.2#
141	260.1	57.7	86.5#

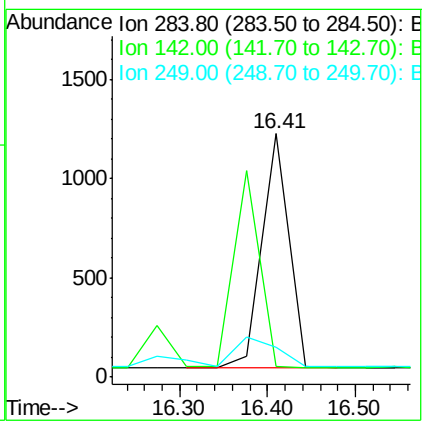


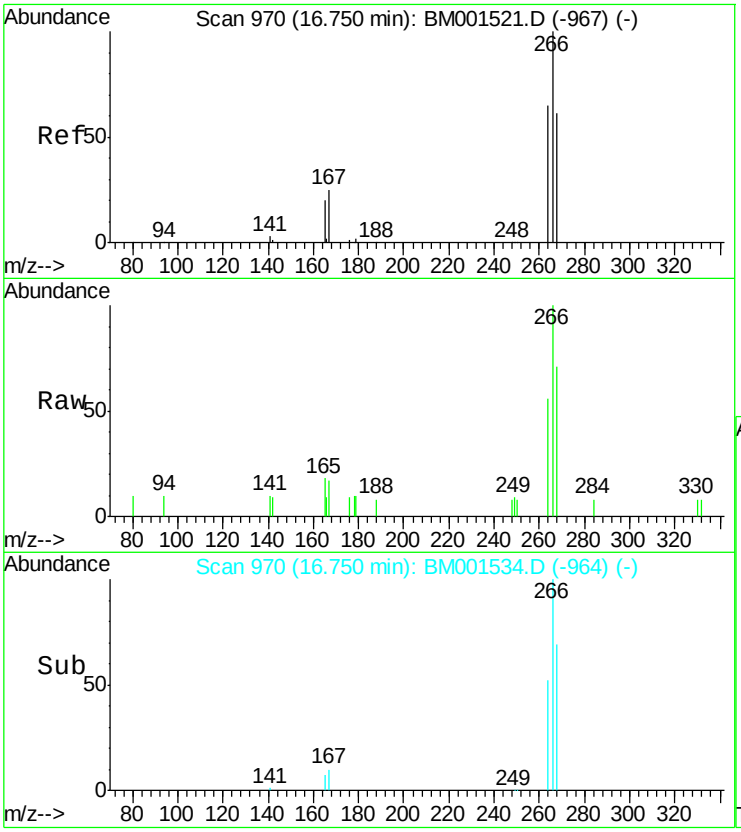


#20
Hexachlorobenzene
Concen: 0.75 ng
RT: 16.41 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Tgt Ion:284 Resp: 2523

Ion	Ratio	Lower	Upper
284	100		
142	0.0	13.9	20.9#
249	0.0	39.0	58.4#



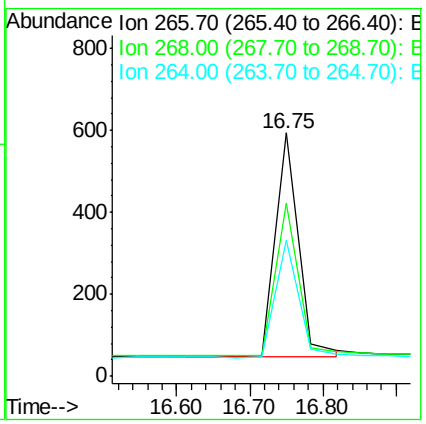


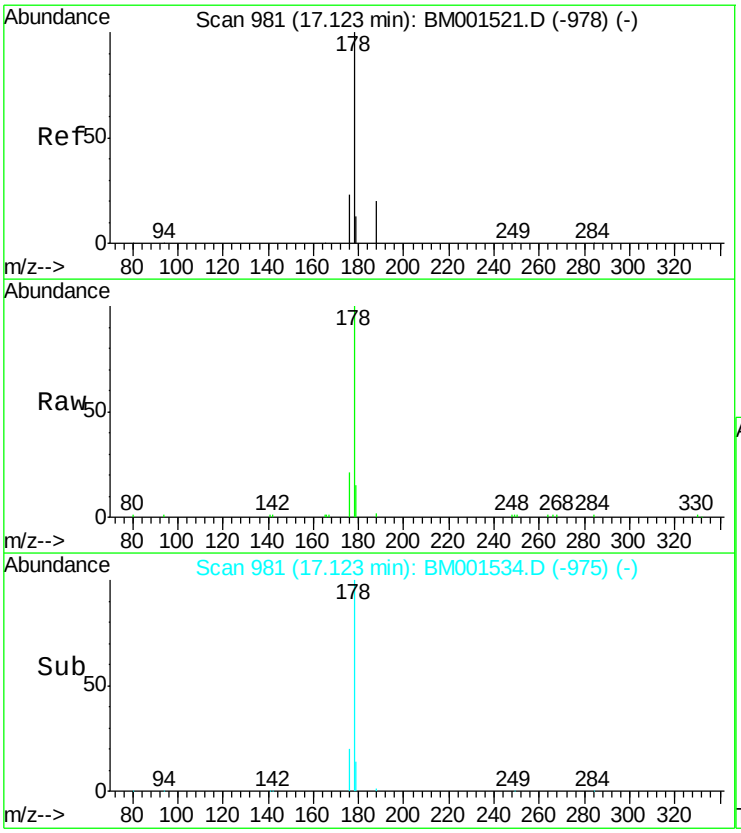
#21
Pentachlorophenol
Concen: 0.82 ng
RT: 16.75 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:266 Resp: 1215

Ion	Ratio	Lower	Upper
266	100		
268	71.4	63.0	94.4
264	55.7	52.8	79.2

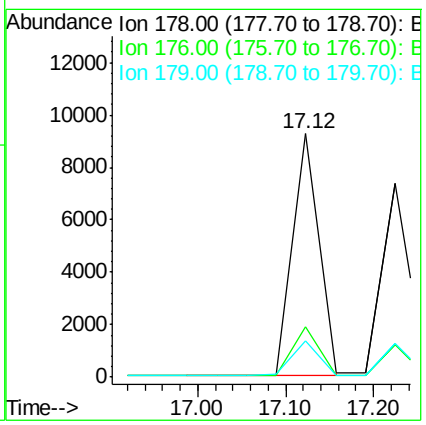


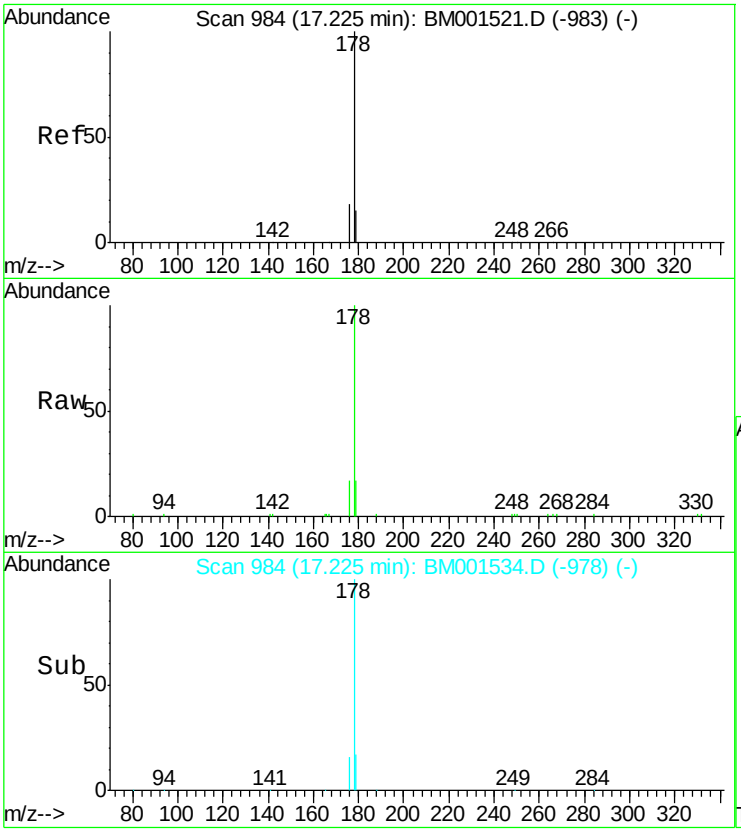


#22
Phenanthrene
Concen: 1.21 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Tgt Ion:178 Resp: 19051

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.8	25.2
179	14.8	11.0	16.4



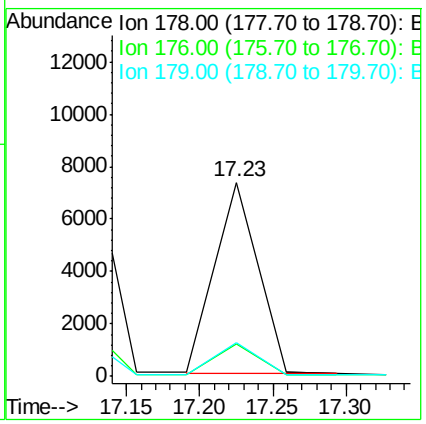


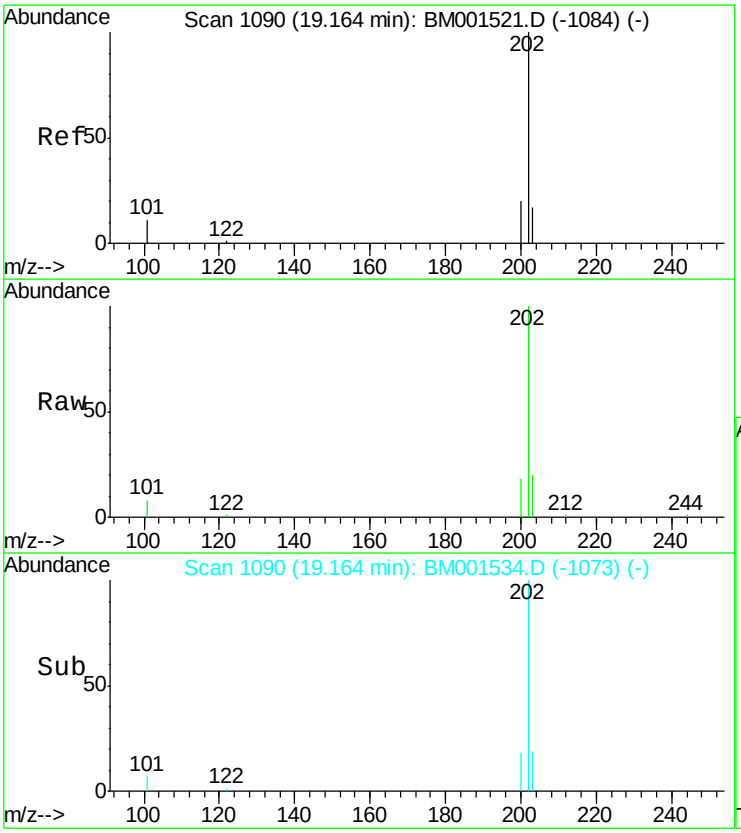
#23
Anthracene
Concen: 0.79 ng
RT: 17.23 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:178 Resp: 15014

Ion	Ratio	Lower	Upper
178	100		
176	16.1	13.1	19.7
179	16.5	12.8	19.2

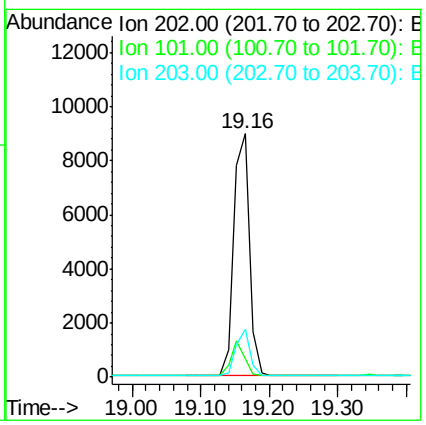


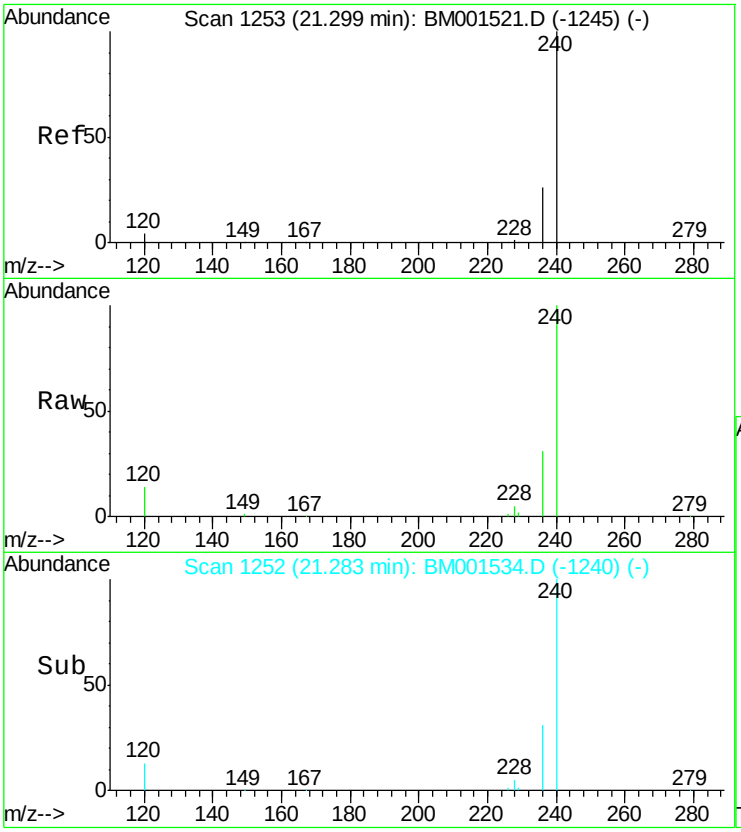


#24
Fluoranthene
Concen: 0.90 ng
RT: 19.16 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Tgt Ion:202 Resp: 14204

Ion	Ratio	Lower	Upper
202	100		
101	12.2	8.6	12.8
203	17.2	13.8	20.6



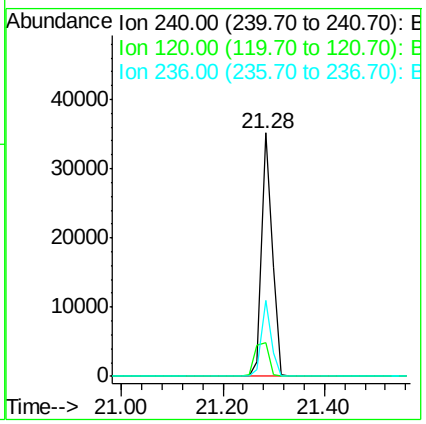


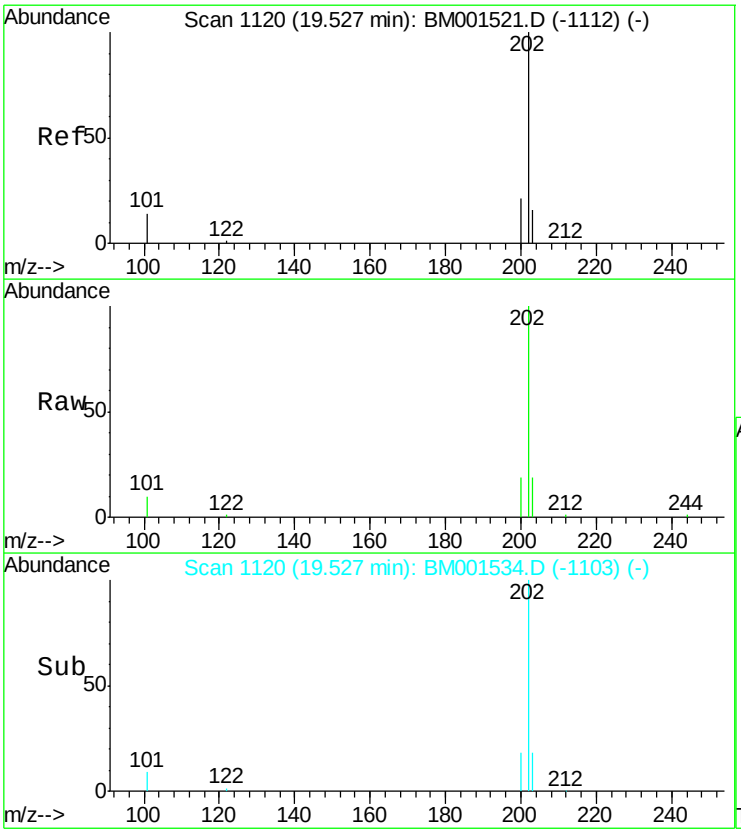
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:240 Resp: 49714

Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.7	14.5
236	31.3	24.8	37.2

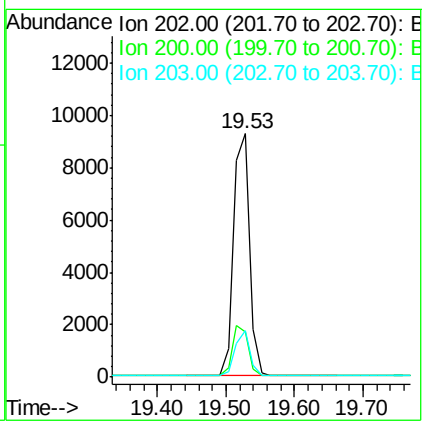


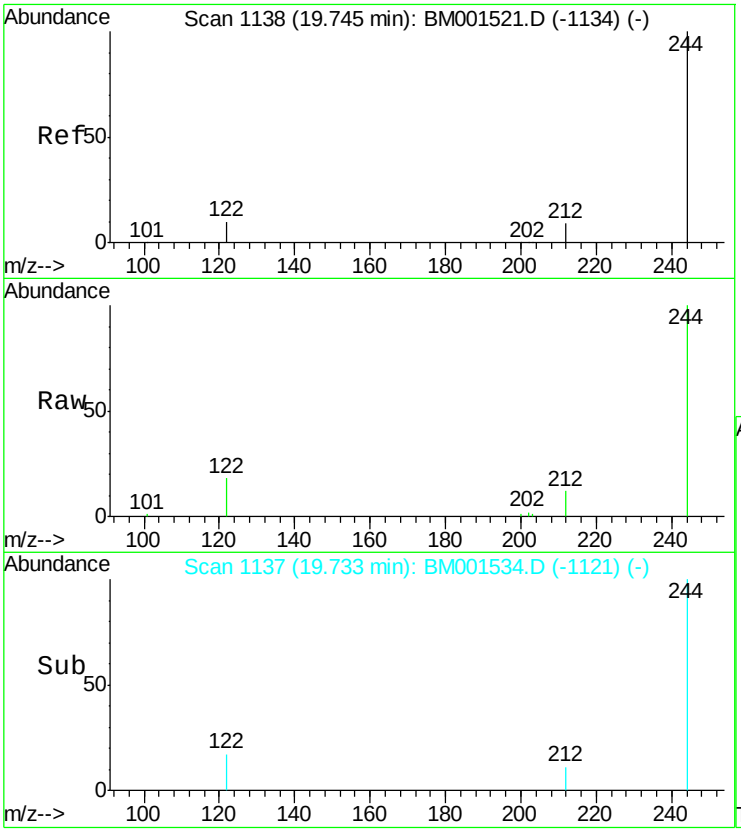


#26
Pyrene
Concen: 1.00 ng
RT: 19.53 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Tgt Ion:202 Resp: 14929

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.4	24.6
203	17.4	13.9	20.9



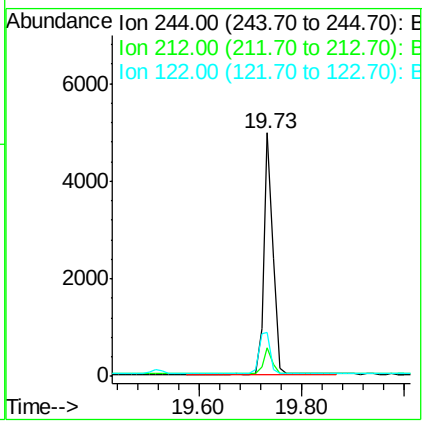


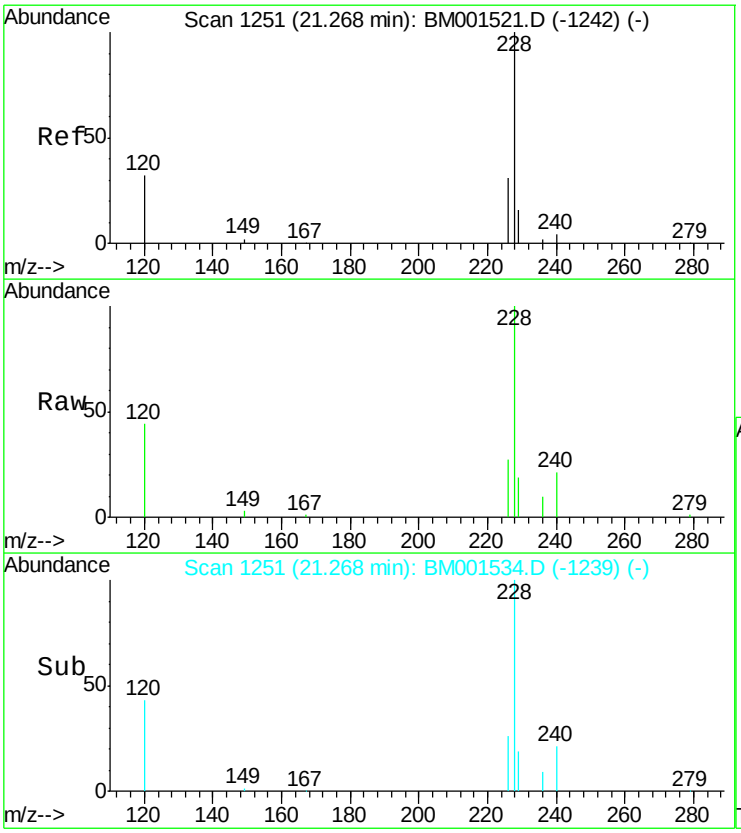
#27
Terphenyl-d14
Concen: 1.00 ng
RT: 19.73 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:244 Resp: 6136

Ion	Ratio	Lower	Upper
244	100		
212	11.9	7.2	10.8#
122	17.9	5.1	7.7#

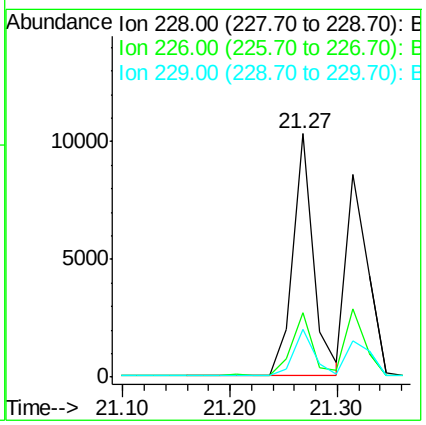


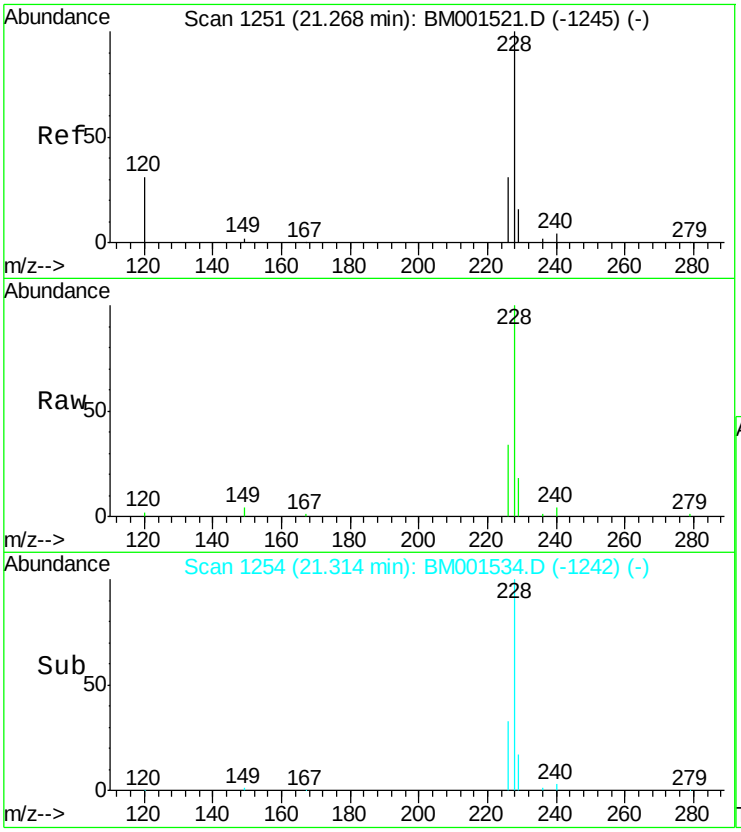


#28
Benzo(a)anthracene
Concen: 1.02 ng
RT: 21.27 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Tgt Ion:228 Resp: 13663

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.9	32.9
229	19.4	15.1	22.7



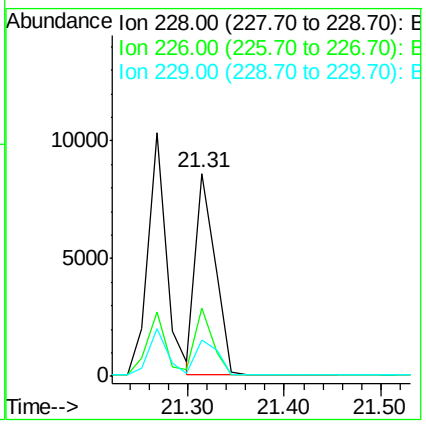


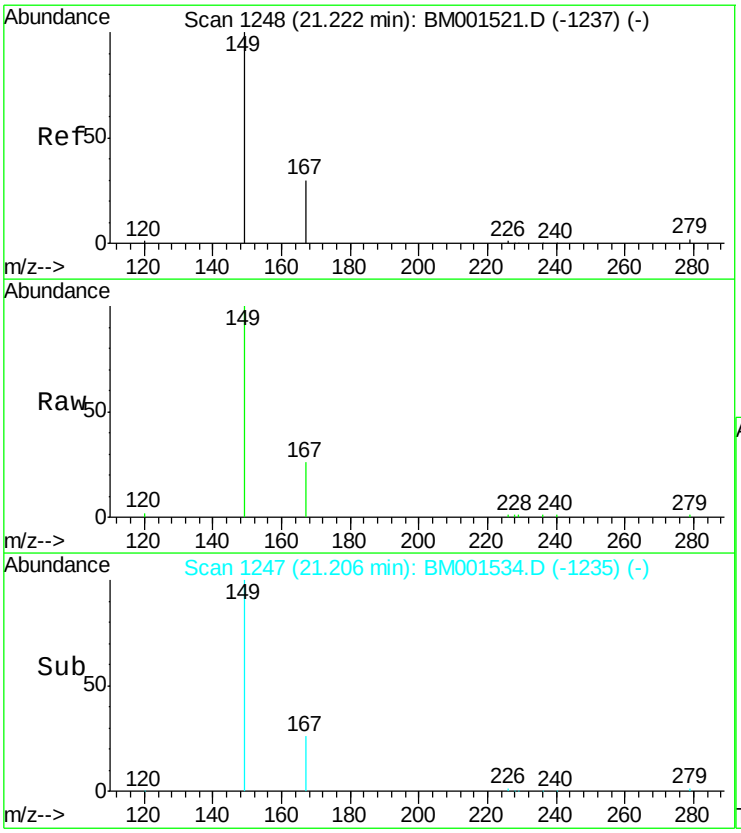
#29
Chrysene
Concen: 0.96 ng
RT: 21.31 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 12107

Ion	Ratio	Lower	Upper
228	100		
226	33.6	27.6	41.4
229	17.6	13.6	20.4

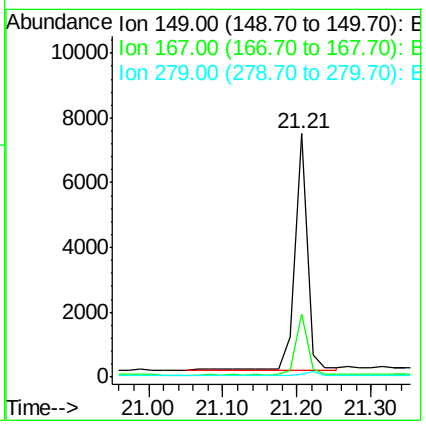


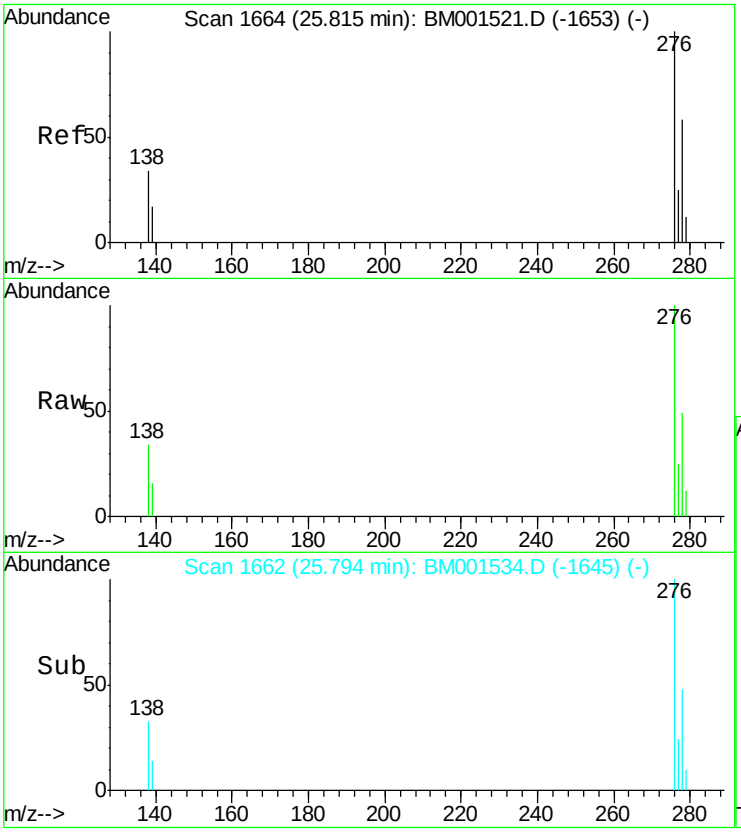


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.88 ng
RT: 21.21 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Tgt Ion:149 Resp: 8341

Ion	Ratio	Lower	Upper
149	100		
167	24.9	21.0	31.6
279	2.1	2.2	3.2#



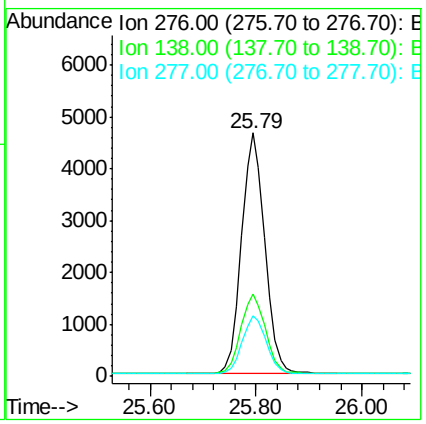


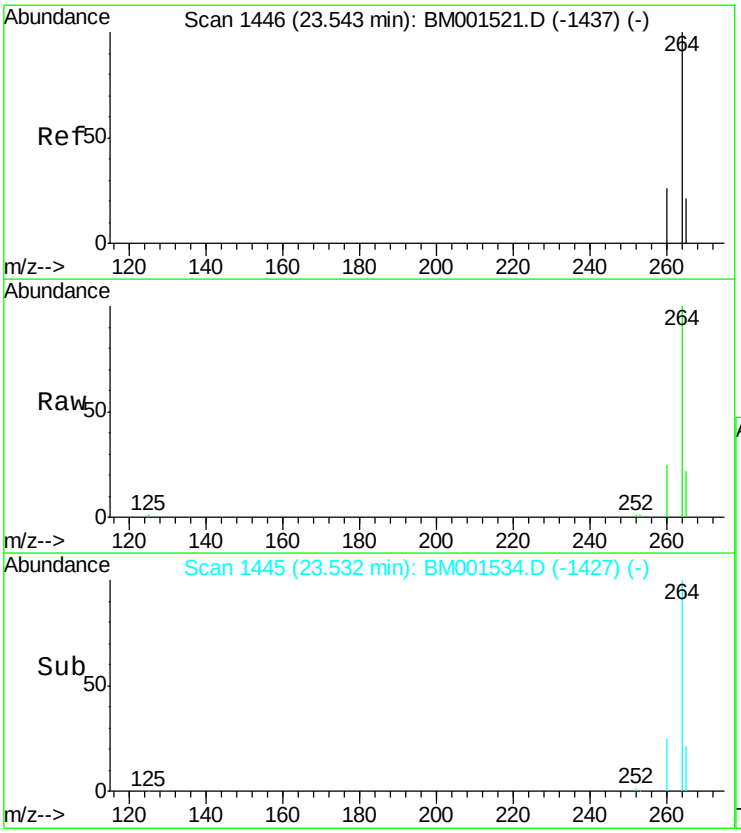
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.00 ng
RT: 25.79 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 14085

Ion	Ratio	Lower	Upper
276	100		
138	34.5	23.4	35.0
277	24.6	19.5	29.3

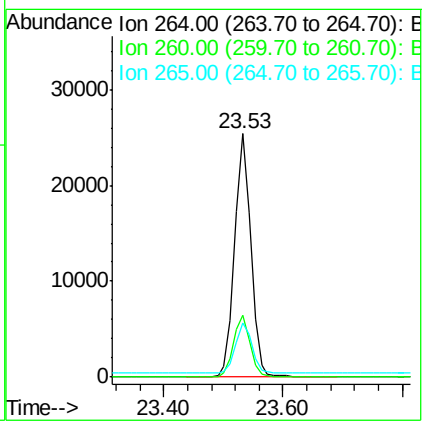


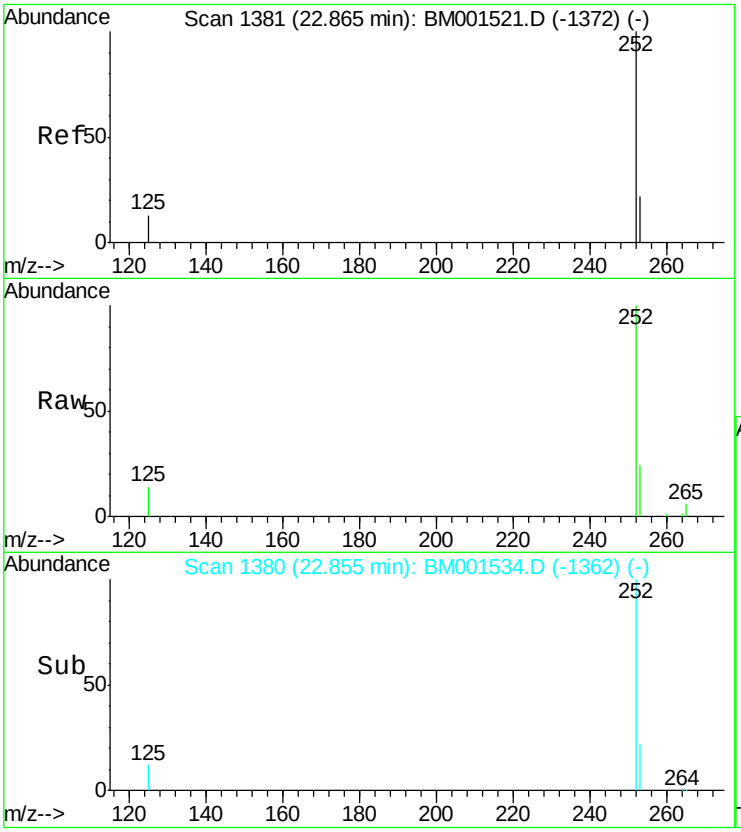


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.53 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Tgt Ion:264 Resp: 46672

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.1	30.1
265	22.4	17.1	25.7



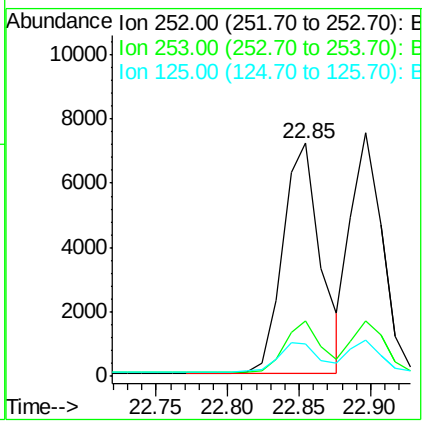


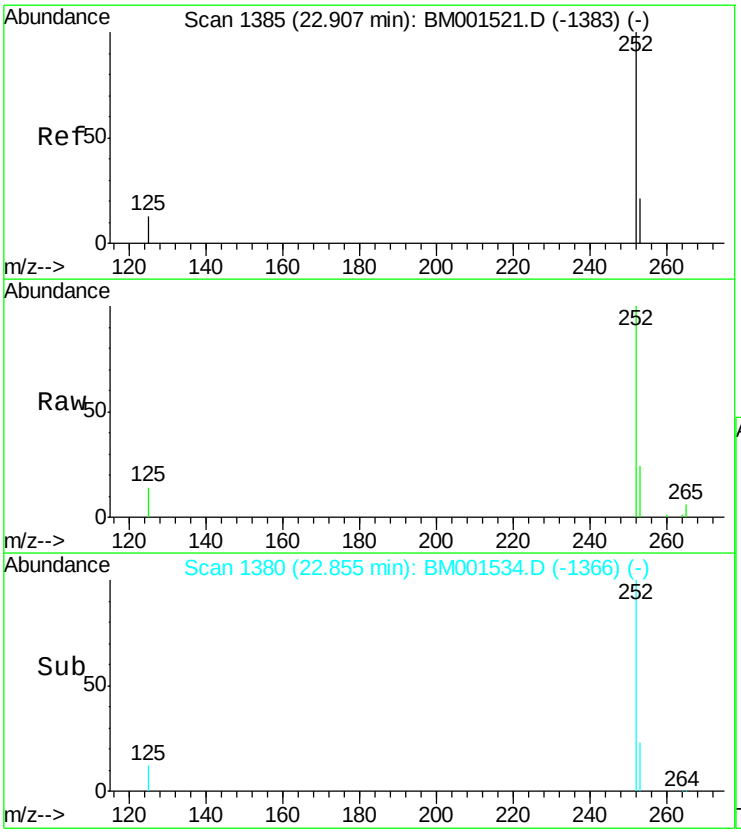
#33
Benzo(b)fluoranthene
Concen: 0.99 ng
RT: 22.85 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 13183

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	14.1	10.2	15.4

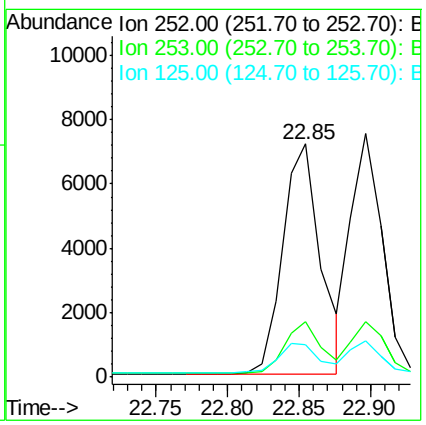


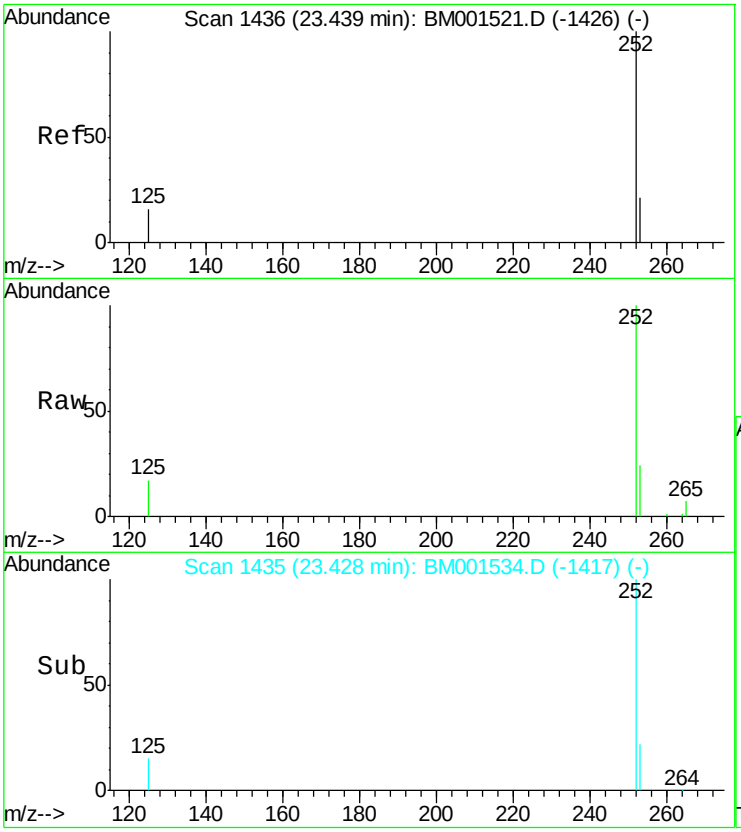


#34
Benzo(k)fluoranthene
Concen: 1.13 ng
RT: 22.85 min Scan# 1380
Delta R.T. -0.05 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Tgt Ion:252 Resp: 13183

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	14.1	9.7	14.5



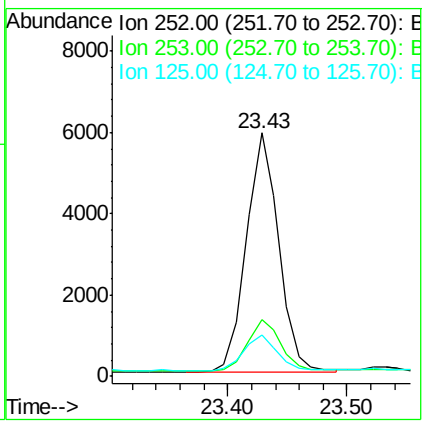


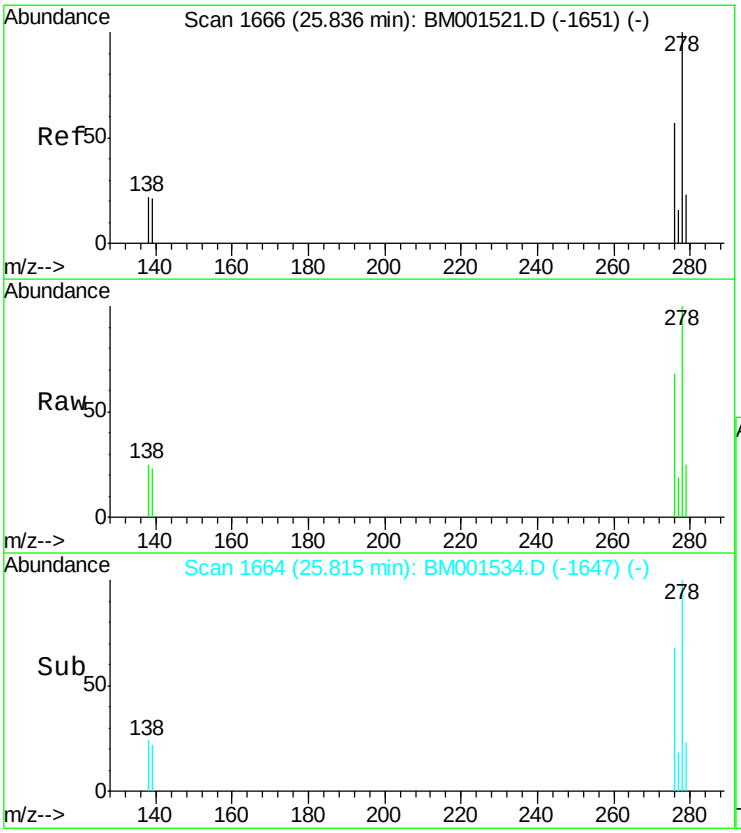
#35
Benzo(a)pyrene
Concen: 0.98 ng
RT: 23.43 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 11118

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.6	28.0
125	16.9	10.7	16.1#

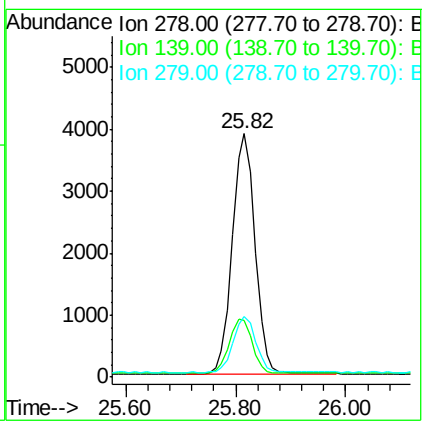


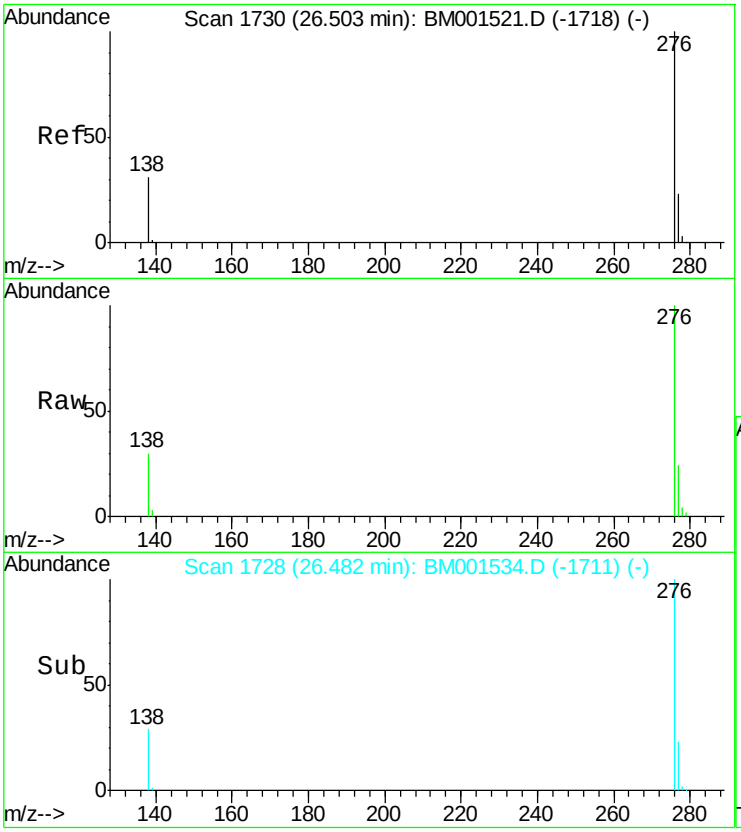


#36
Dibenzo(a,h)anthracene
Concen: 0.99 ng
RT: 25.82 min Scan# 1664
Delta R.T. -0.02 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Tgt Ion:278 Resp: 11139

Ion	Ratio	Lower	Upper
278	100		
139	23.2	15.7	23.5
279	25.0	19.4	29.2





#37
Benzo(g,h,i)perylene
Concen: 0.99 ng
RT: 26.48 min Scan# 1728
Delta R.T. -0.02 min
Lab File: BM001534.D
Acq: 03 Jun 2015 04:58

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 11701

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.8	29.6
138	30.3	20.2	30.2#