Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
Data File : BM001598.D
Acq On : 08 Jun 2015 23:59
Operator : TP/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC002

Quant Time: Jun 09 05:48:48 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 05:45:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	20640	5.00	ng		0.00
6) Naphthalene-d8	10.47	136	73060	5.00	ng		0.00
12) Acenaphthene-d10	14.35	164	32790	5.00	ng		0.00
18) Phenanthrene-d10	17.09	188	41025	5.00	ng		0.00
25) Chrysene-d12	21.27	240	53086	5.00	ng		-0.02
32) Perylene-d12	23.51	264	46837	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	8873	1.94	ng		0.00
5) Phenol-d6	6.84	99	11021	1.96	ng		0.00
7) Nitrobenzene-d5	8.85	82	9829	1.96	ng		0.00
13) 2,4,6-Tribromophenol	15.83	330	2658	1.96	ng		0.00
14) 2-Fluorobiphenyl	12.96	172	20065	1.96	ng		0.00
27) Terphenyl-d14	19.72	244	12920	1.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	3962	1.81	ng		98
3) n-Nitrosodimethylamine	3.51	42	6280	1.98	ng		97
8) Nitrobenzene	8.89	77	10577	1.97	ng		99
9) Naphthalene	10.52	128	30706	1.93	ng		99
10) Hexachlorobutadiene	10.82	225	5264	1.90	ng		100
11) 2-Methylnaphthalene	12.15	142	18812	1.90	ng		100
15) Acenaphthylene	14.06	152	28568	2.01	ng		99
16) Acenaphthene	14.41	154	17205	1.92	ng		100
17) Fluorene	15.36	166	10856	1.86	ng		99
19) 4-Bromophenyl-phenylether	16.27	248	7869	2.63	ng		96
20) Hexachlorobenzene	16.38	284	4058	2.84	ng		99
21) Pentachlorophenol	16.72	266	1420	2.42	ng		96
22) Phenanthrene	17.12	178	28803	1.98	ng		100
23) Anthracene	17.12	178	45492	6.94	ng	#	79
24) Fluoranthene	19.14	202	29948	2.55	ng		100
26) Pyrene	19.52	202	31927	1.88	ng		99
28) Benzo(a)anthracene	21.25	228	28751	1.91	ng		96
29) Chrysene	21.25	228	28751	2.00	ng		94
30) Bis(2-ethylhexyl)phthalate	21.19	149	15775	1.79	ng		98
31) Indeno(1,2,3-cd)pyrene	25.76	276	27045	1.76	ng		100
33) Benzo(b)fluoranthene	22.83	252	27217	1.93	ng		98
34) Benzo(k)fluoranthene	22.88	252	24769	1.93	ng		98
35) Benzo(a)pyrene	23.41	252	23247	1.89	ng		97
36) Dibenzo(a,h)anthracene	25.78	278	21073	1.76	ng		96
37) Benzo(g,h,i)perylene	26.45	276	22435	1.78	ng		98

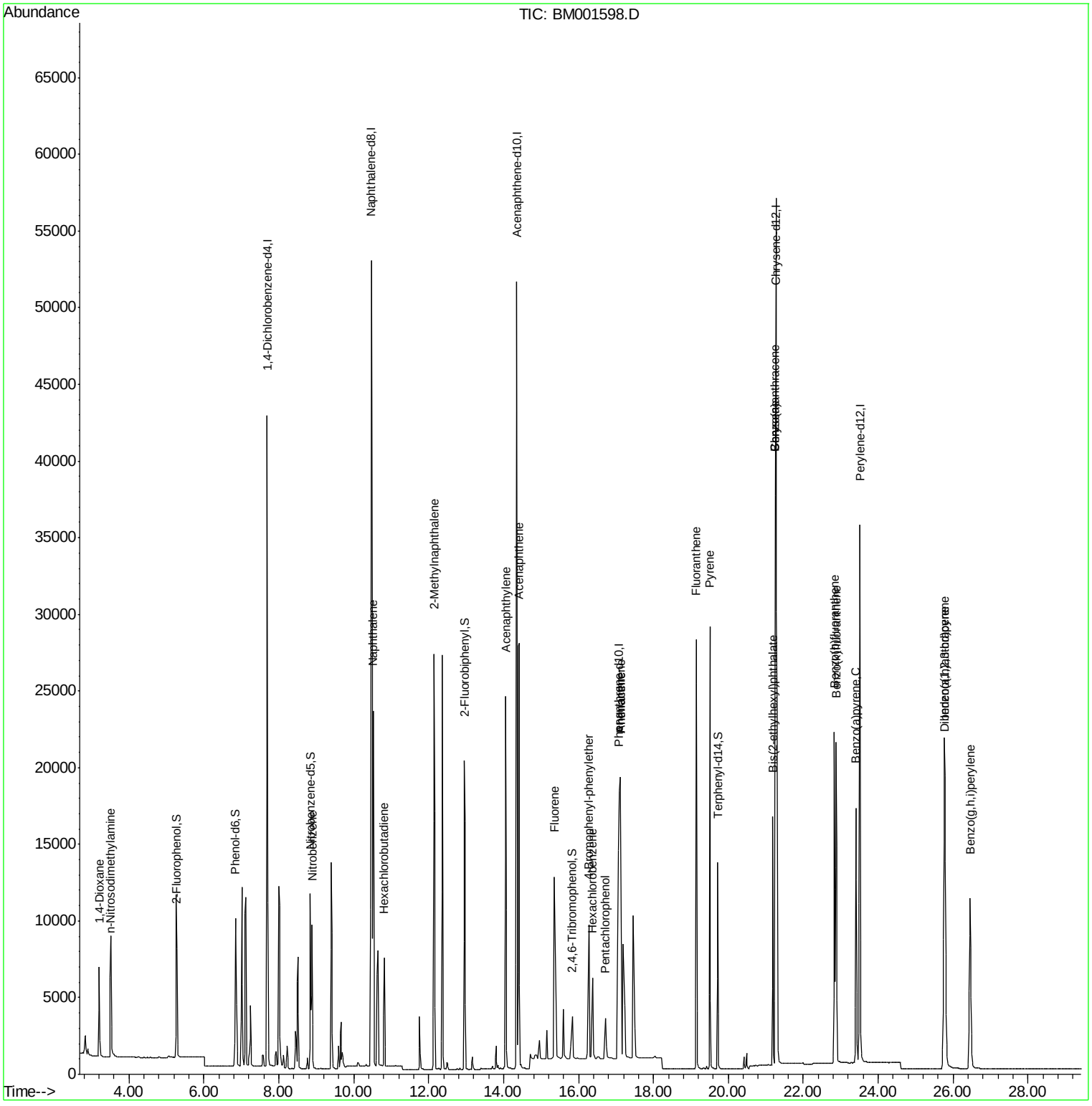
(#) = qualifier out of range (m) = manual integration (+) = signals summed

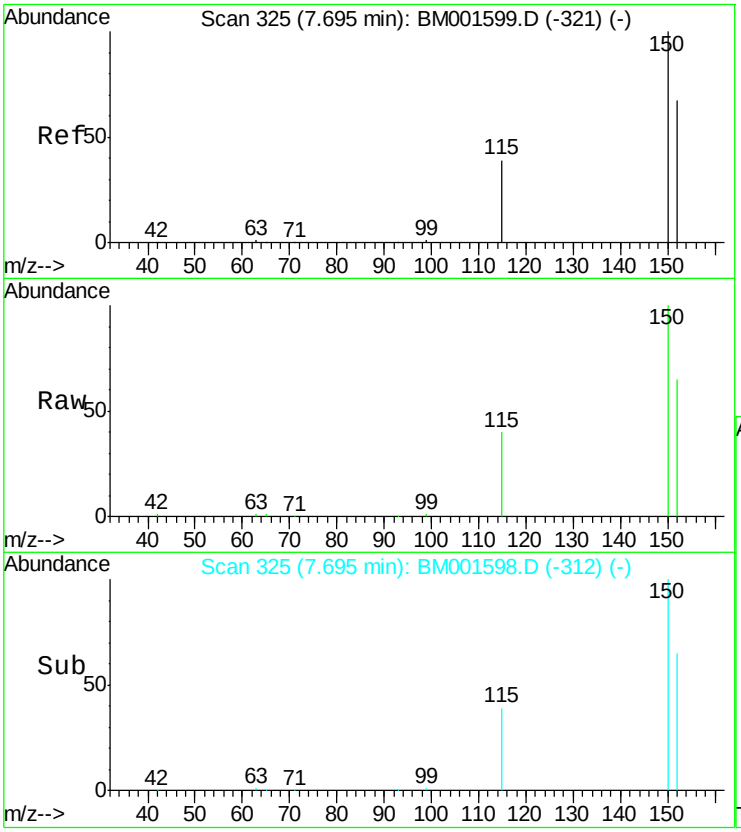
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
Data File : BM001598.D
Acq On : 08 Jun 2015 23:59
Operator : TP/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Quant Time: Jun 09 05:48:48 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 05:45:34 2015
Response via : Initial Calibration



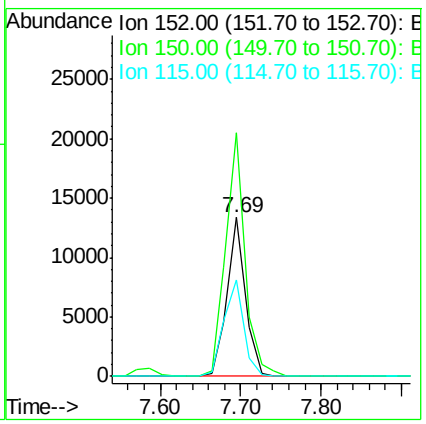


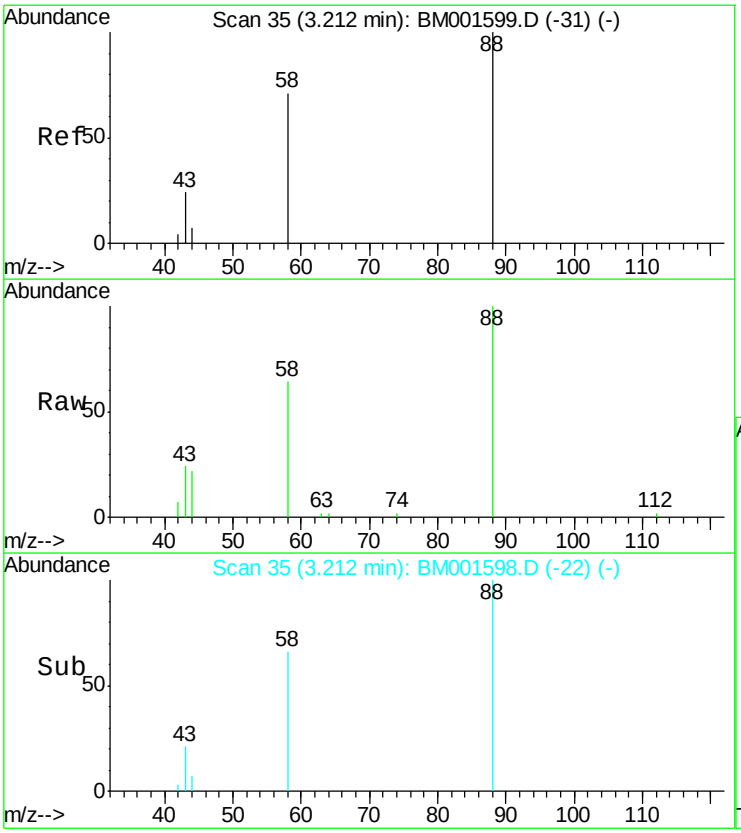
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 325
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:152 Resp: 20640

Ion	Ratio	Lower	Upper
152	100		
150	153.3	120.1	180.1
115	60.8	47.0	70.6

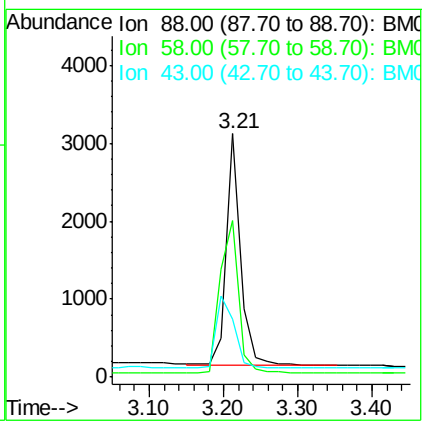


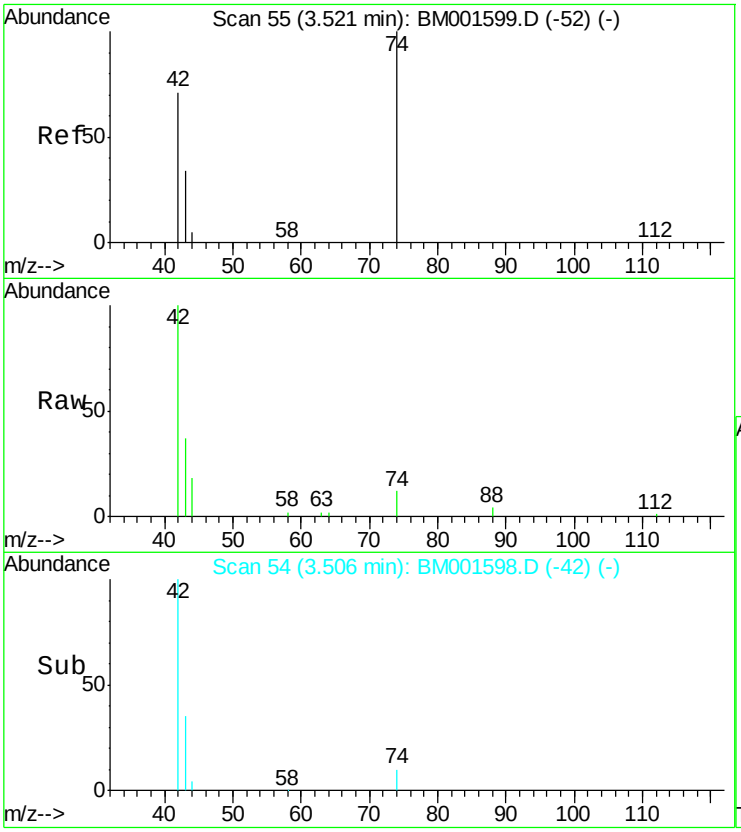


#2
1,4-Dioxane
Concen: 1.81 ng
RT: 3.21 min Scan# 35
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Tgt Ion: 88 Resp: 3962

Ion	Ratio	Lower	Upper
88	100		
58	84.1	65.5	98.3
43	39.4	32.2	48.2



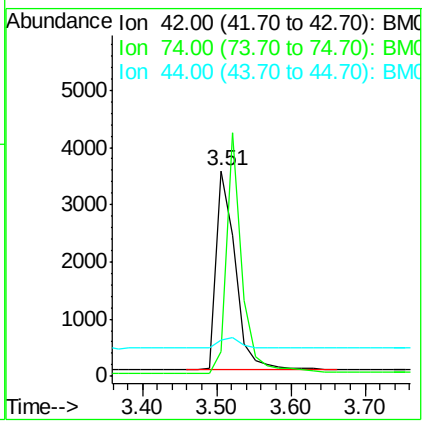


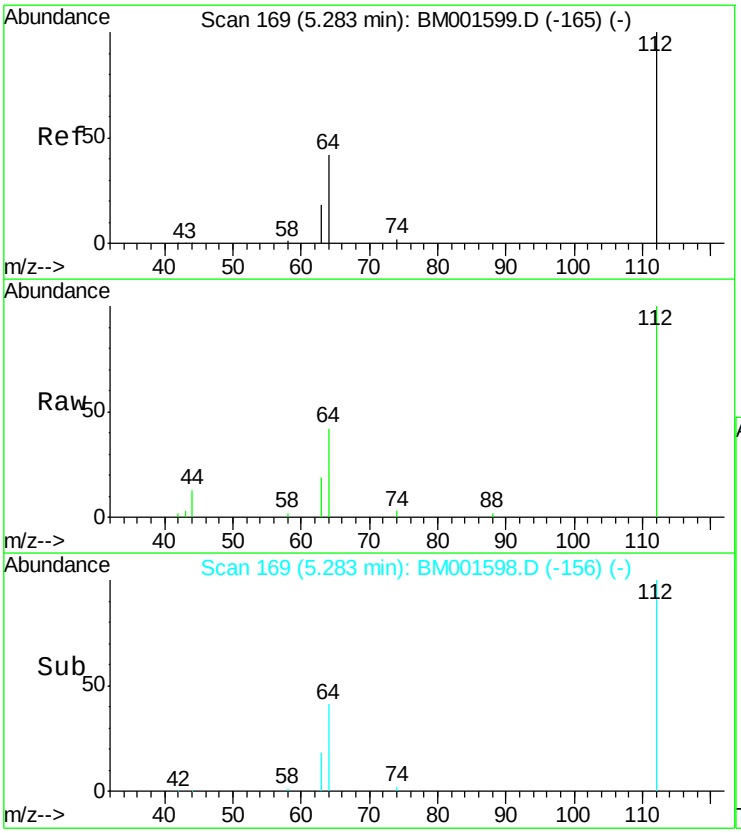
#3
n-Nitrosodimethylamine
Concen: 1.98 ng
RT: 3.51 min Scan# 54
Delta R.T. -0.02 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion: 42 Resp: 6280

Ion	Ratio	Lower	Upper
42	100		
74	96.4	79.5	119.3
44	6.8	5.7	8.5

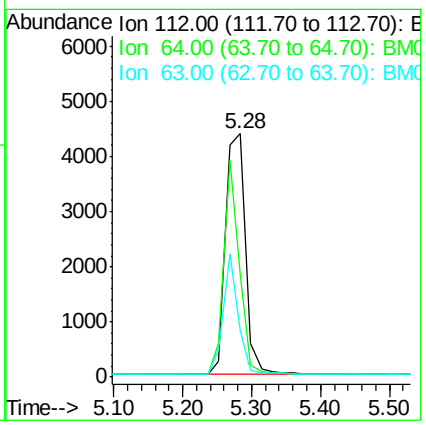


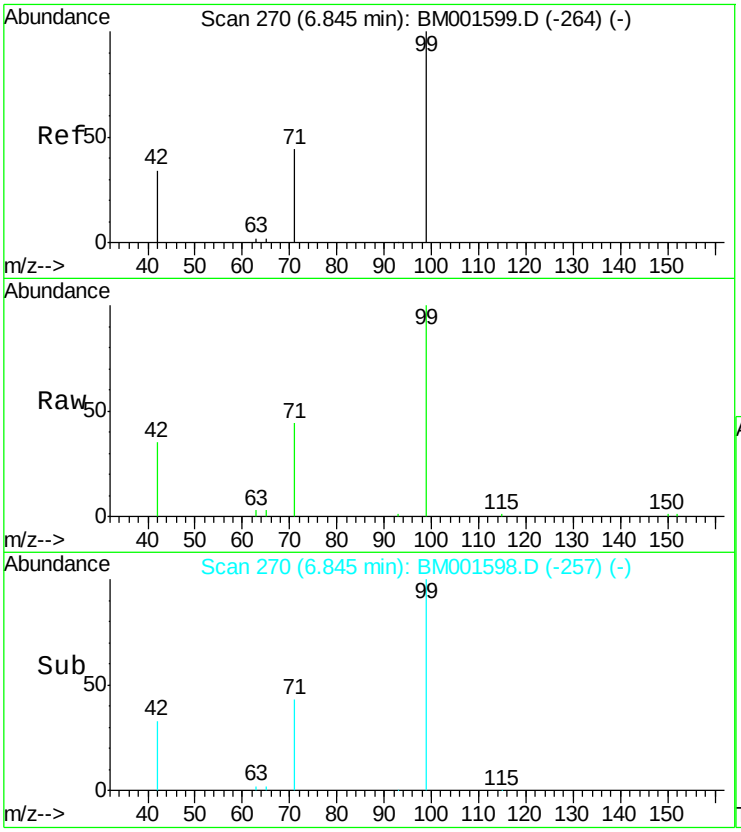


#4
2-Fluorophenol
Concen: 1.94 ng
RT: 5.28 min Scan# 169
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Tgt Ion:112 Resp: 8873

Ion	Ratio	Lower	Upper
112	100		
64	68.6	54.8	82.2
63	37.5	30.5	45.7



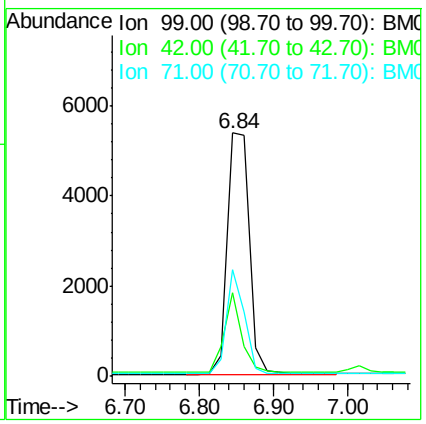


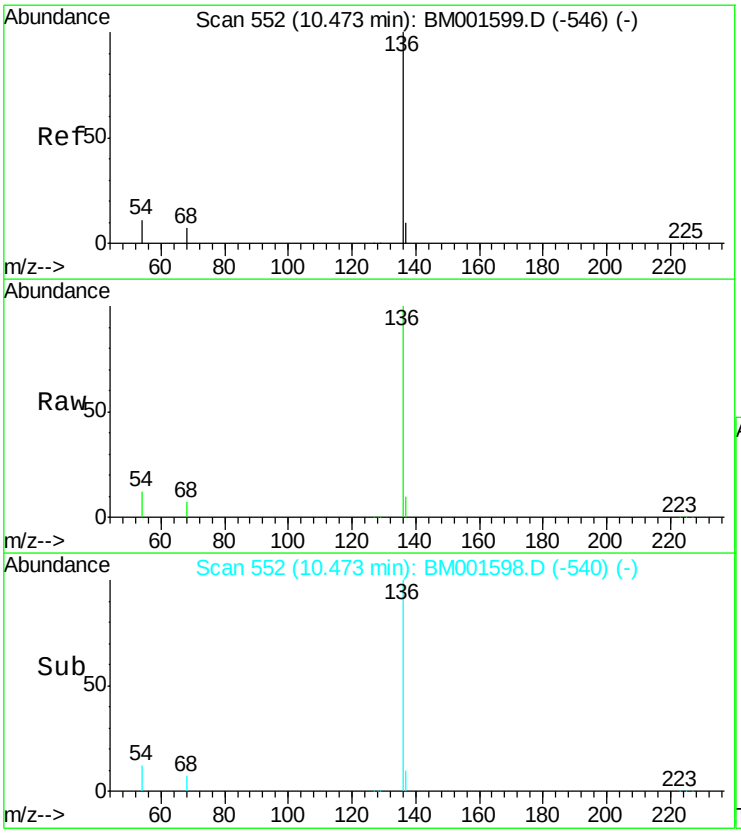
#5
Phenol-d6
Concen: 1.96 ng
RT: 6.84 min Scan# 270
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion: 99 Resp: 11021

Ion	Ratio	Lower	Upper
99	100		
42	26.4	21.6	32.4
71	35.7	28.7	43.1

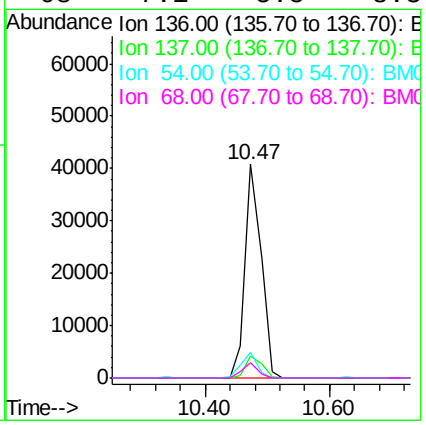


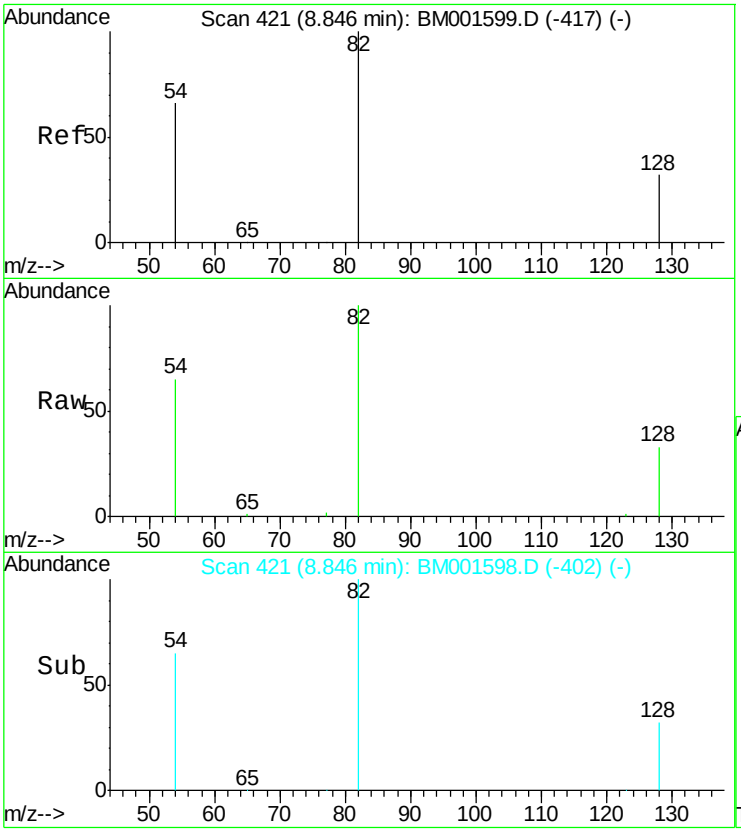


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.47 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Tgt Ion:136 Resp: 73060

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.3	12.5
54	11.9	9.2	13.8
68	7.1	5.5	8.3



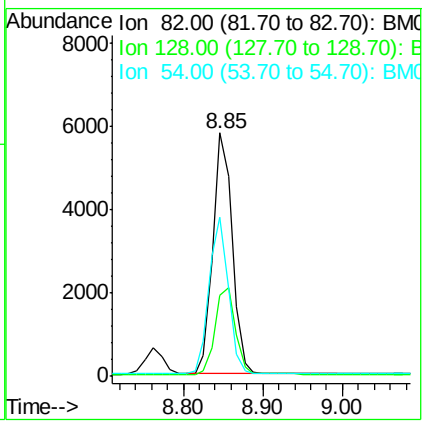


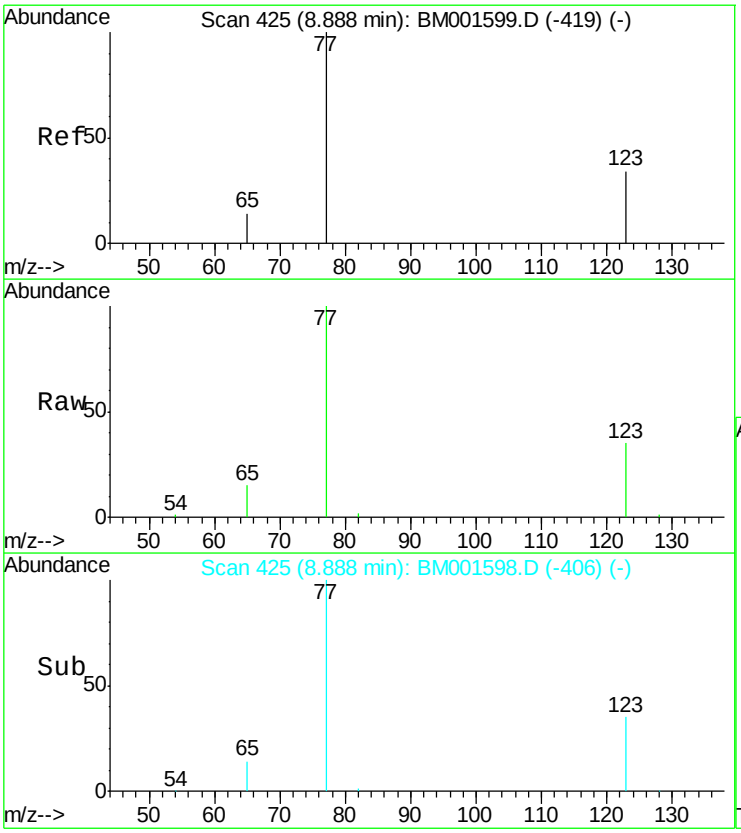
#7
Nitrobenzene-d5
Concen: 1.96 ng
RT: 8.85 min Scan# 421
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion: 82 Resp: 9829

Ion	Ratio	Lower	Upper
82	100		
128	33.1	26.6	40.0
54	65.1	53.0	79.6

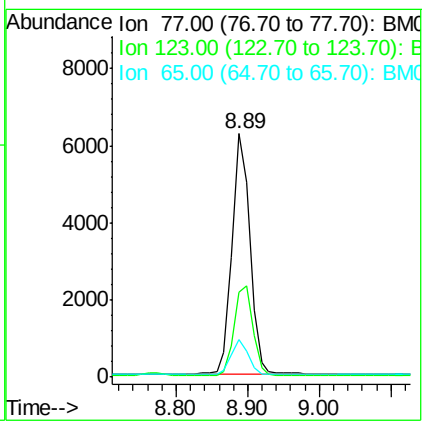


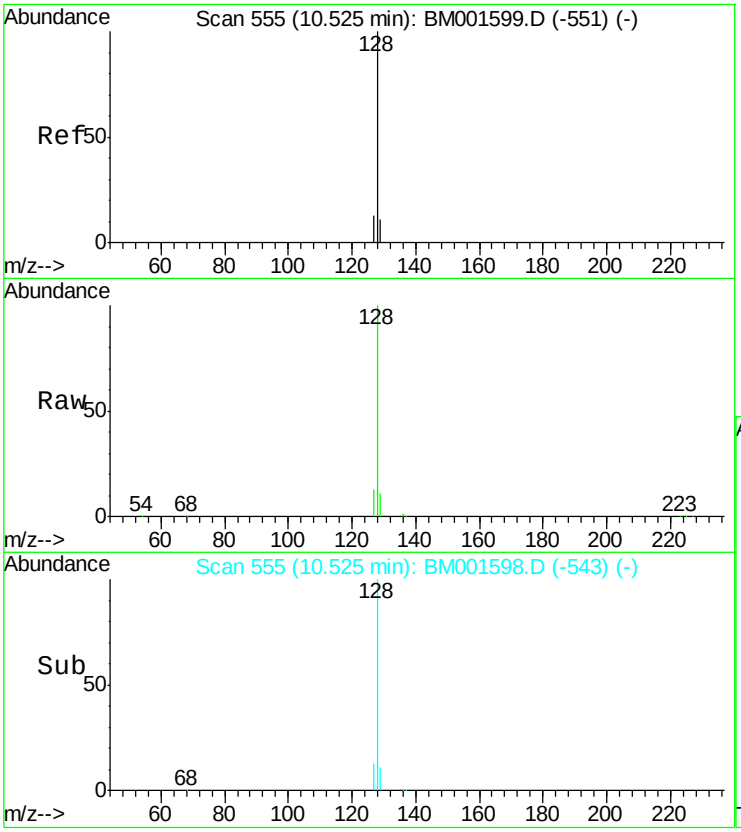


#8
Nitrobenzene
Concen: 1.97 ng
RT: 8.89 min Scan# 425
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Tgt Ion: 77 Resp: 10577

Ion	Ratio	Lower	Upper
77	100		
123	39.3	31.0	46.6
65	14.3	11.4	17.0



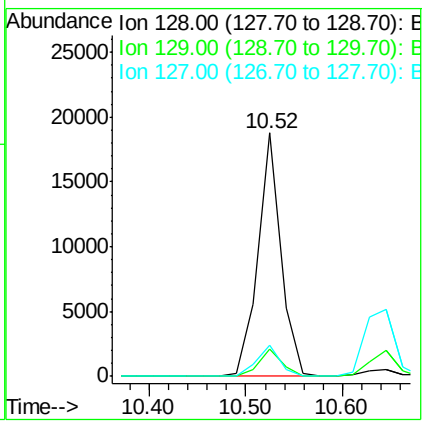


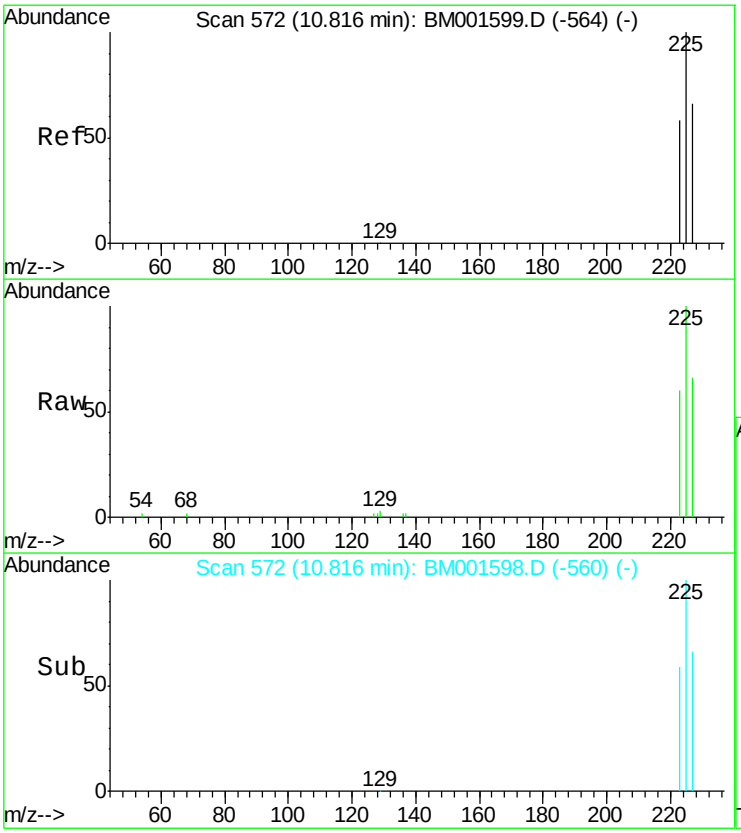
#9
Naphthalene
Concen: 1.93 ng
RT: 10.52 min Scan# 555
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:128 Resp: 30706

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	12.9	10.4	15.6

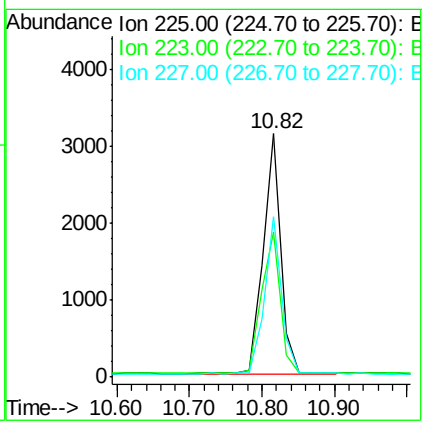


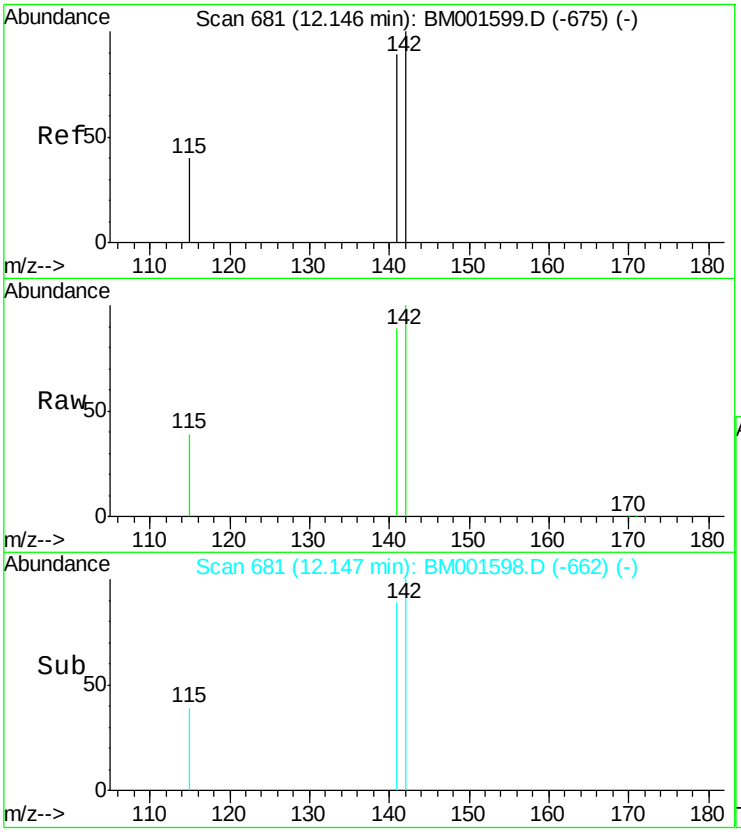


#10
Hexachlorobutadiene
Concen: 1.90 ng
RT: 10.82 min Scan# 572
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Tgt Ion:225 Resp: 5264

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.8	74.8
227	63.5	50.9	76.3



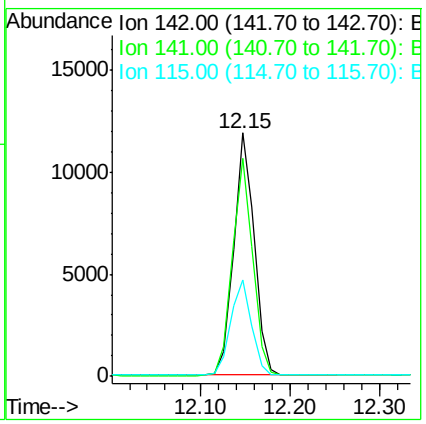


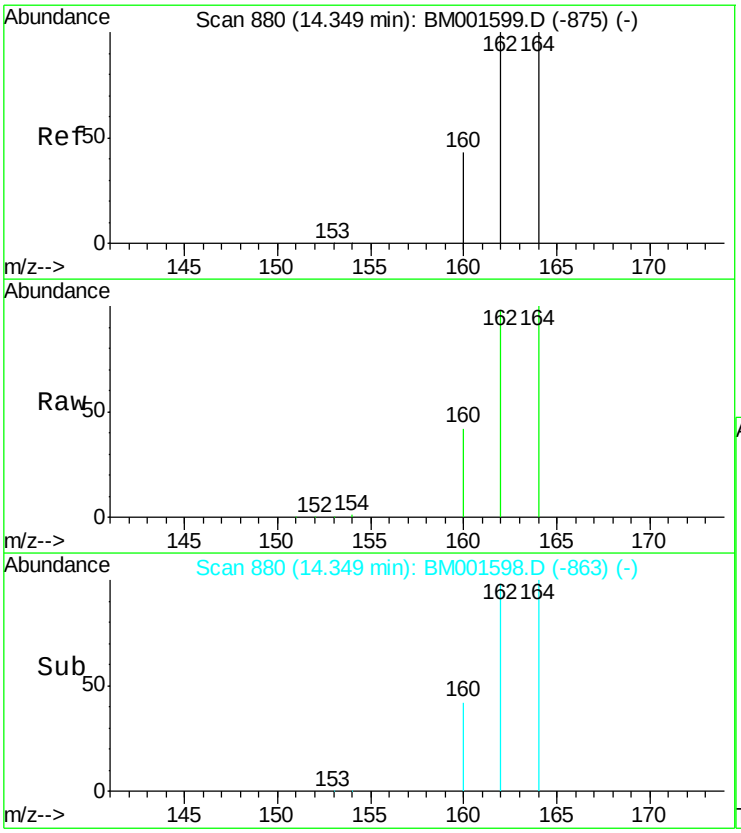
#11
2-Methylnaphthalene
Concen: 1.90 ng
RT: 12.15 min Scan# 681
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:142 Resp: 18812

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	39.5	32.1	48.1

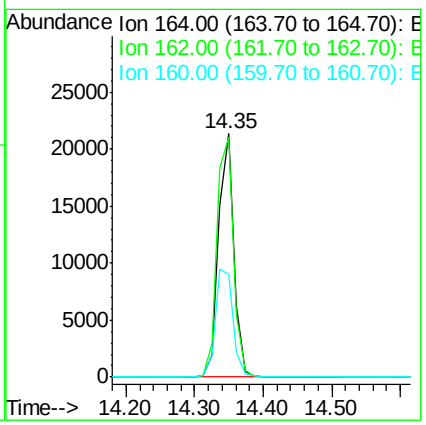


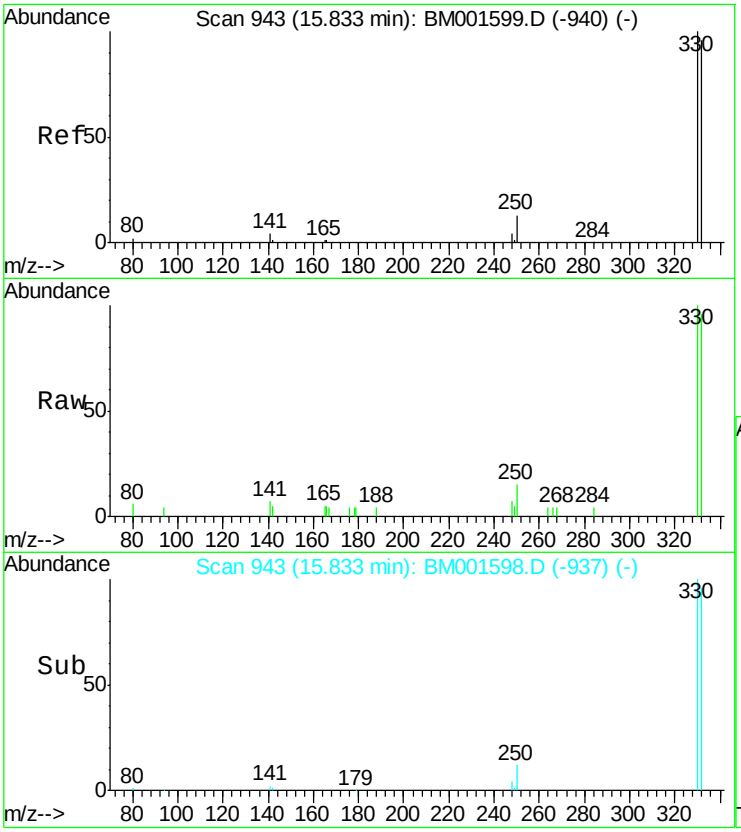


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.35 min Scan# 880
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Tgt Ion:164 Resp: 32790

Ion	Ratio	Lower	Upper
164	100		
162	98.4	79.8	119.6
160	42.3	34.6	51.8



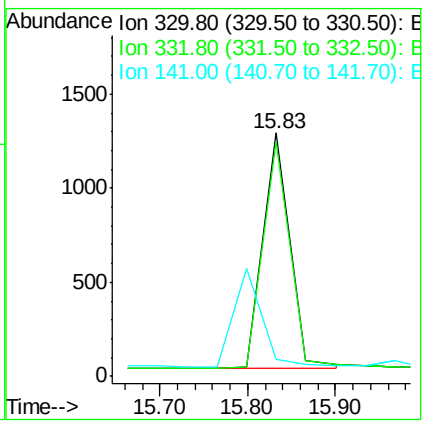


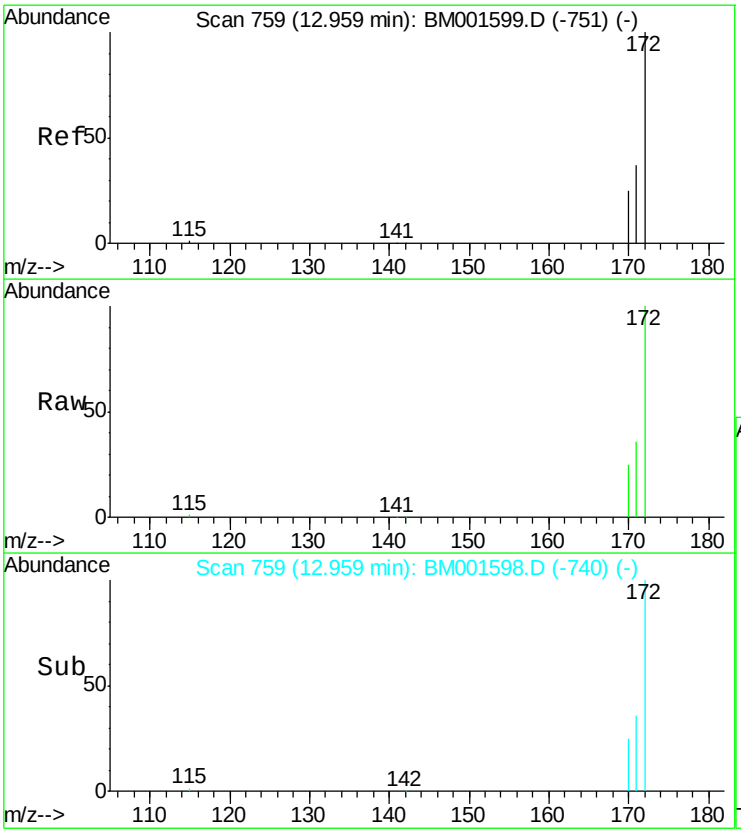
#13
2,4,6-Tribromophenol
Concen: 1.96 ng
RT: 15.83 min Scan# 943
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:330 Resp: 2658

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.7	115.1
141	0.0	0.0	0.0

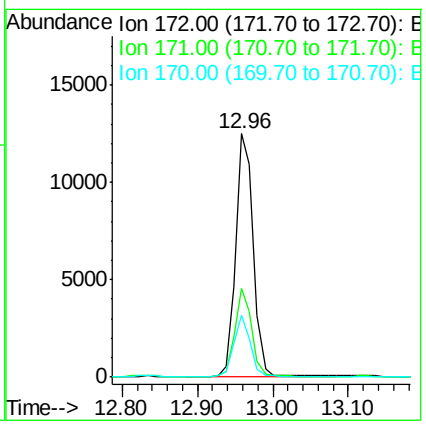


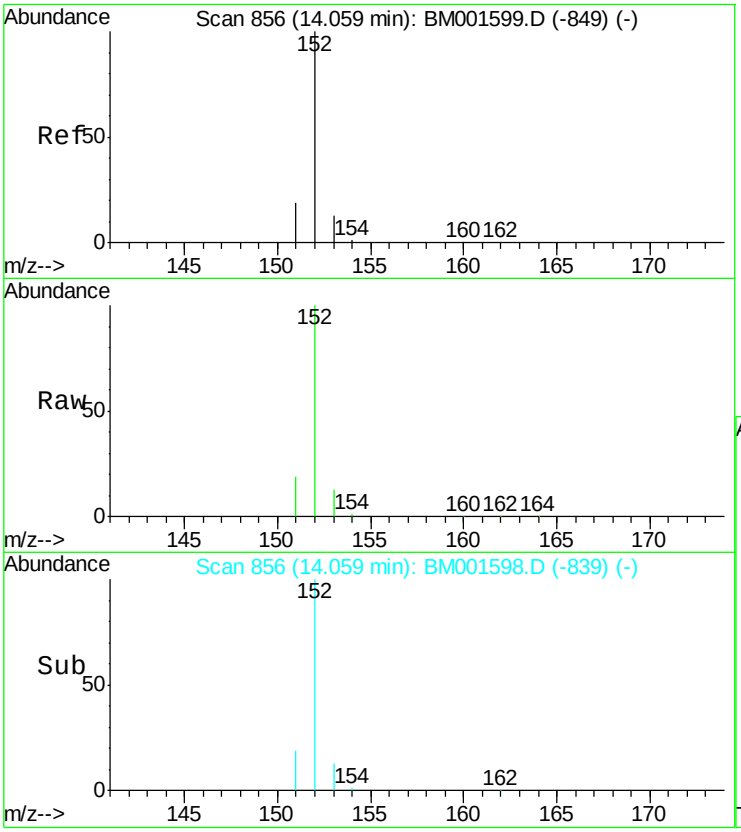


#14
2-Fluorobiphenyl
Concen: 1.96 ng
RT: 12.96 min Scan# 759
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Tgt Ion:172 Resp: 20065

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	25.3	20.6	31.0



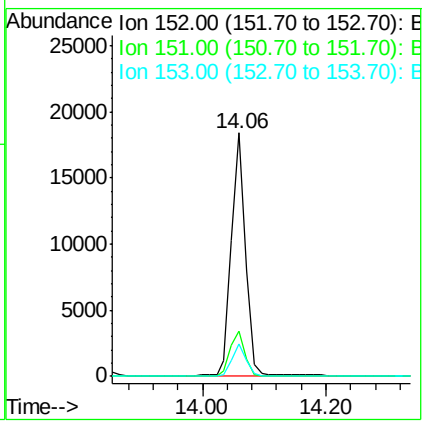


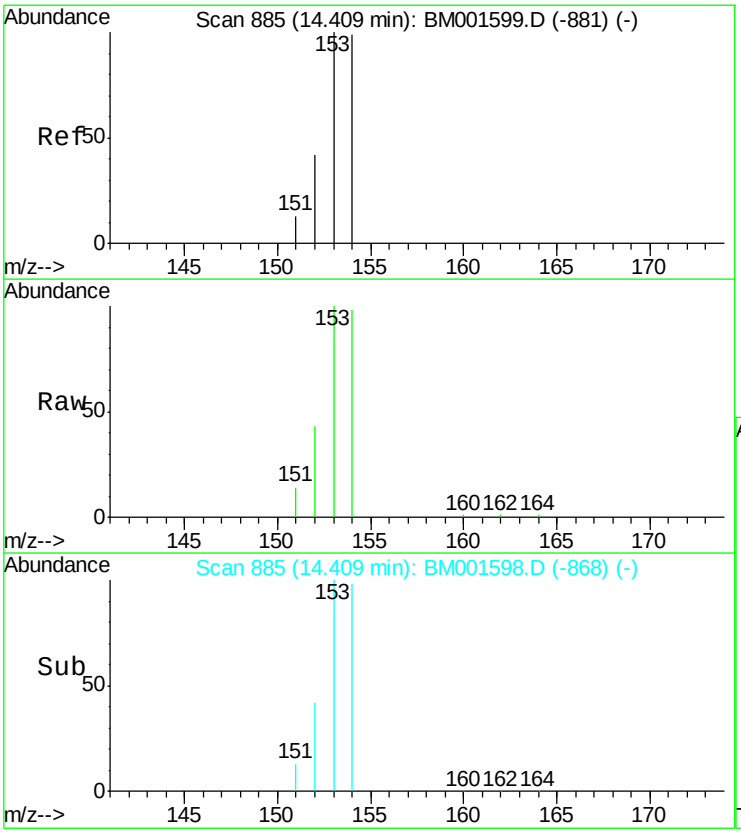
#15
Acenaphthylene
Concen: 2.01 ng
RT: 14.06 min Scan# 856
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:152 Resp: 28568

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.5	23.3
153	12.9	10.3	15.5

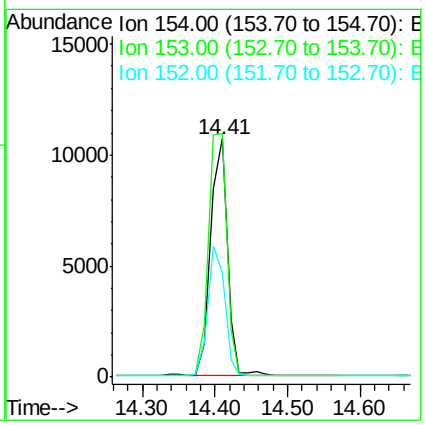


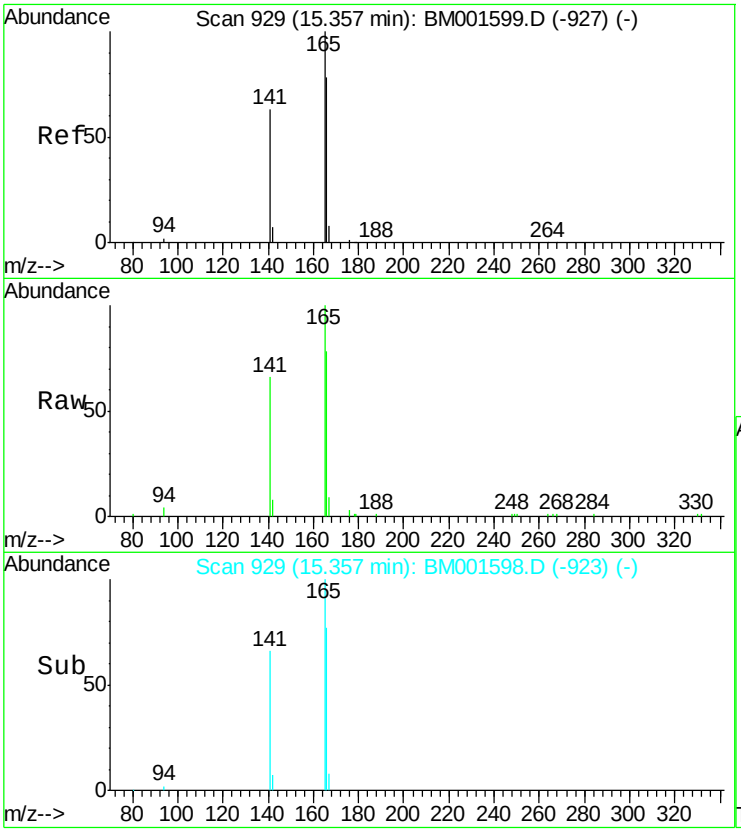


#16
Acenaphthene
Concen: 1.92 ng
RT: 14.41 min Scan# 885
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Tgt Ion:154 Resp: 17205

Ion	Ratio	Lower	Upper
154	100		
153	111.8	89.4	134.0
152	54.6	43.6	65.4



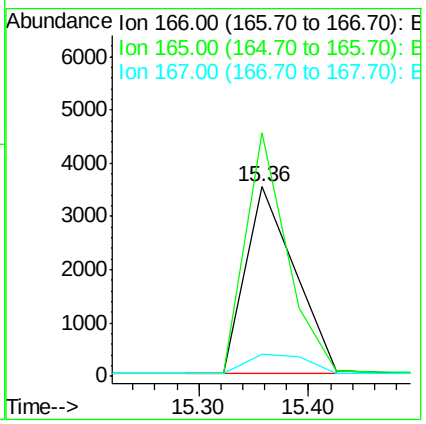


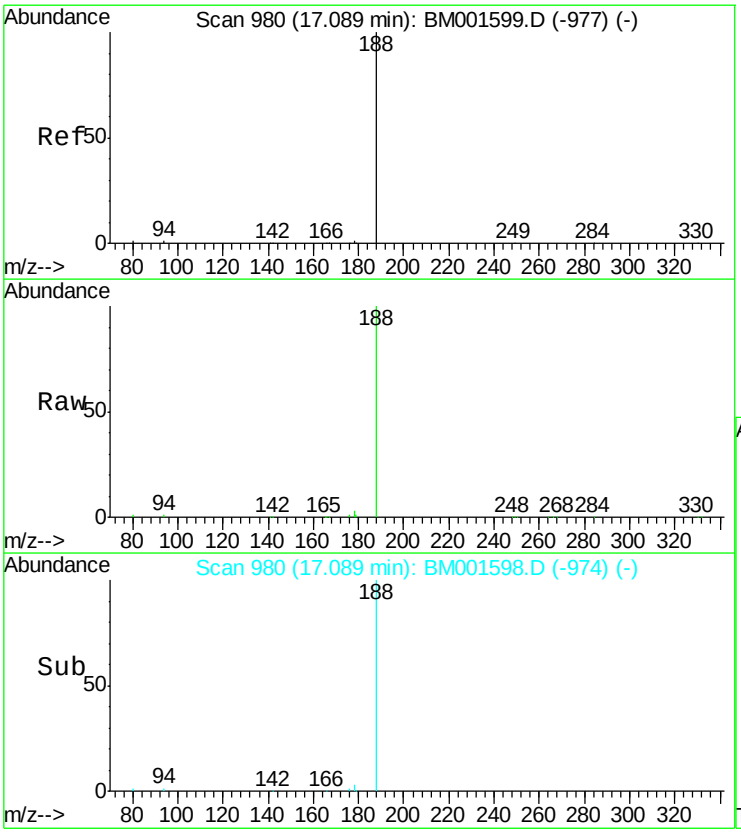
#17
Fluorene
Concen: 1.86 ng
RT: 15.36 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:166 Resp: 10856

Ion	Ratio	Lower	Upper
166	100		
165	108.7	87.8	131.8
167	13.2	10.0	15.0

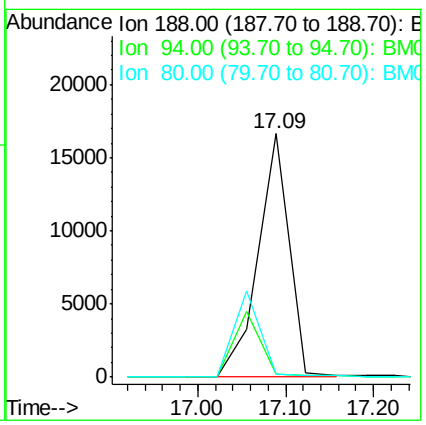


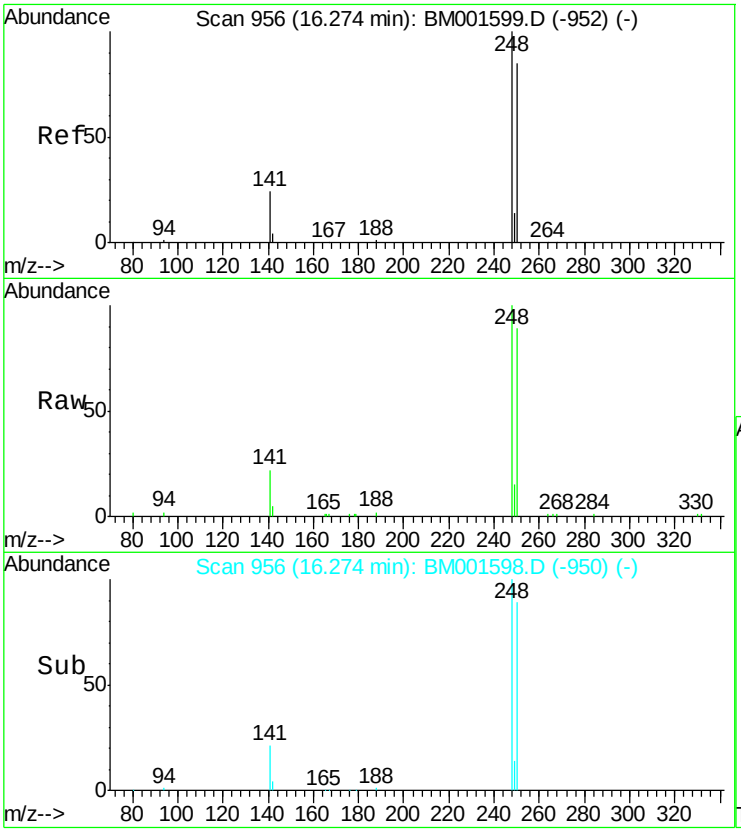


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 980
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Tgt Ion:188 Resp: 41025

Ion	Ratio	Lower	Upper
188	100		
94	1.0	1.0	1.6#
80	1.0	1.0	1.4



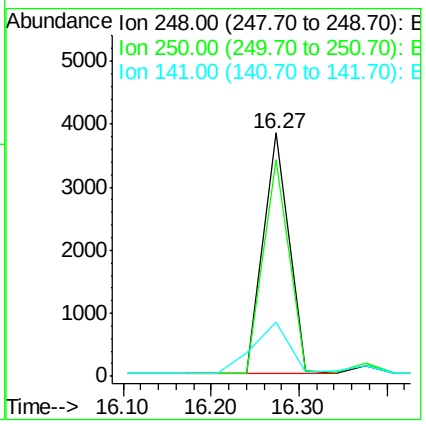


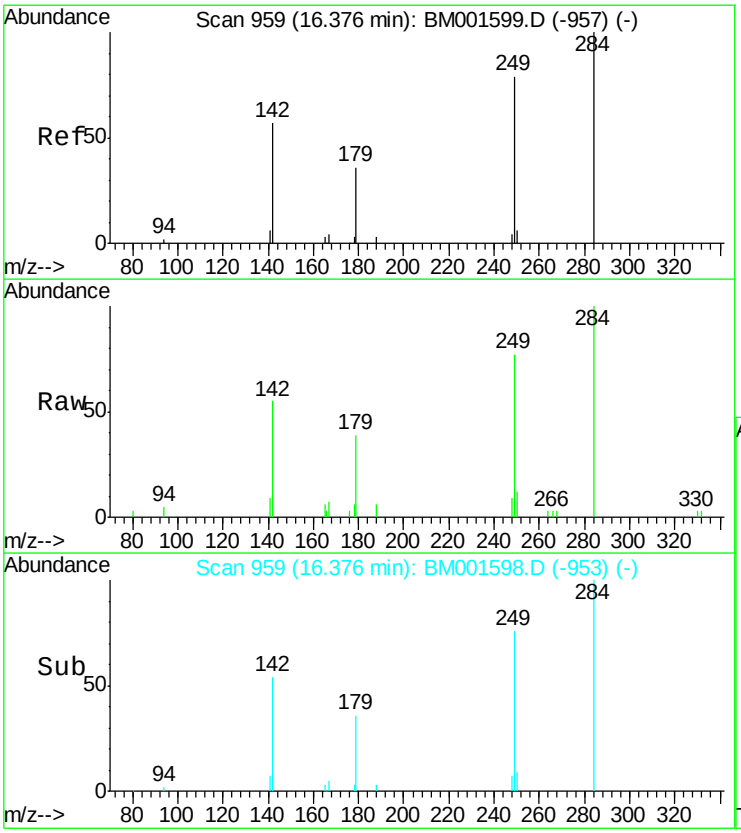
#19
4-Bromophenyl-phenylether
Concen: 2.63 ng
RT: 16.27 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:248 Resp: 7869

Ion	Ratio	Lower	Upper
248	100		
250	89.4	68.6	103.0
141	29.5	25.5	38.3

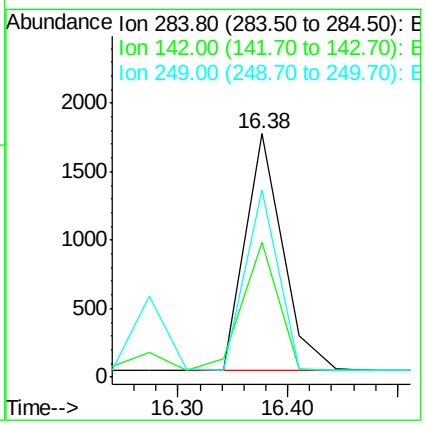


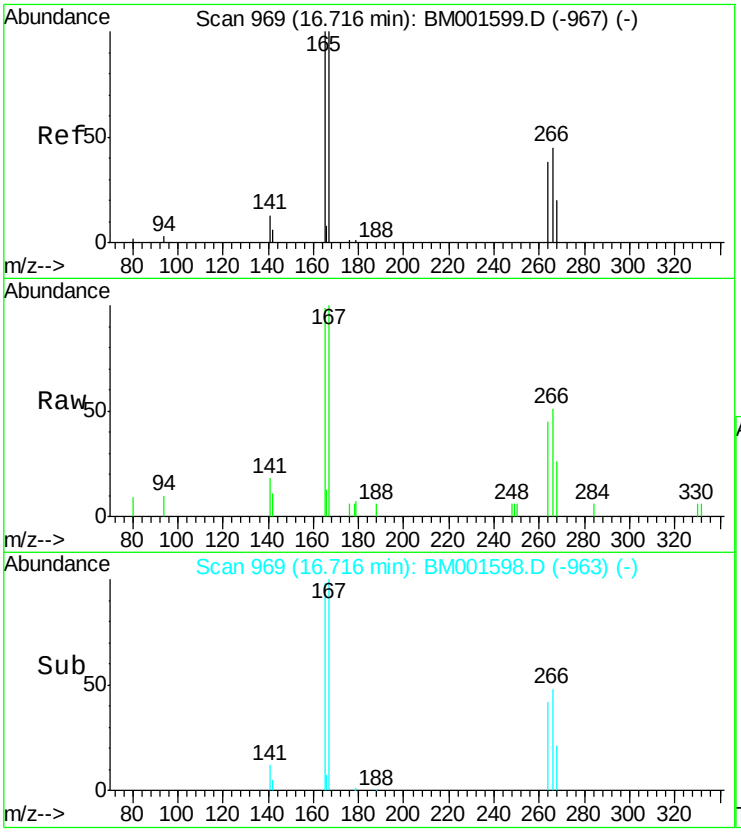


#20
Hexachlorobenzene
Concen: 2.84 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Tgt Ion:284 Resp: 4058

Ion	Ratio	Lower	Upper
284	100		
142	58.0	47.3	70.9
249	94.6	75.8	113.6



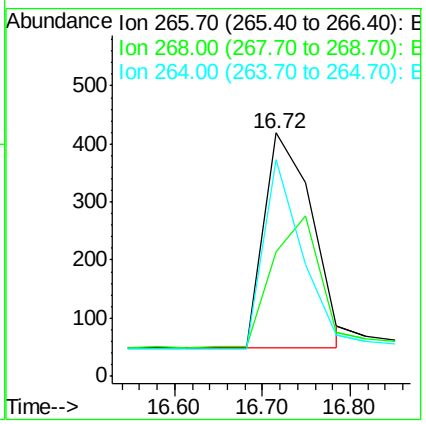


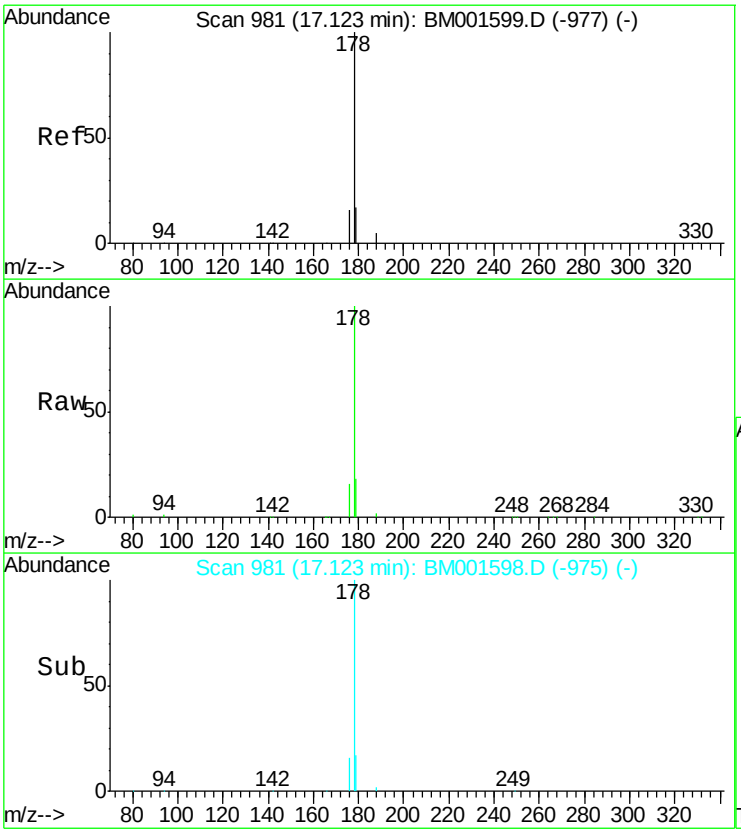
#21
Pentachlorophenol
Concen: 2.42 ng
RT: 16.72 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:266 Resp: 1420

Ion	Ratio	Lower	Upper
266	100		
268	51.1	45.8	68.8
264	89.0	70.6	106.0

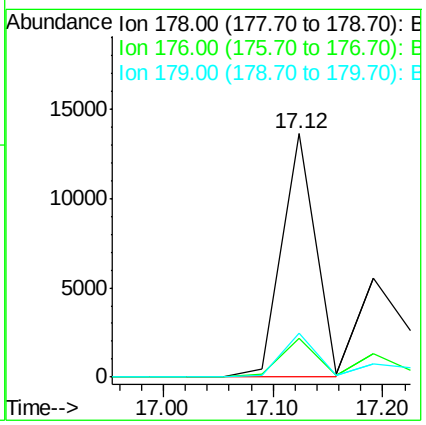


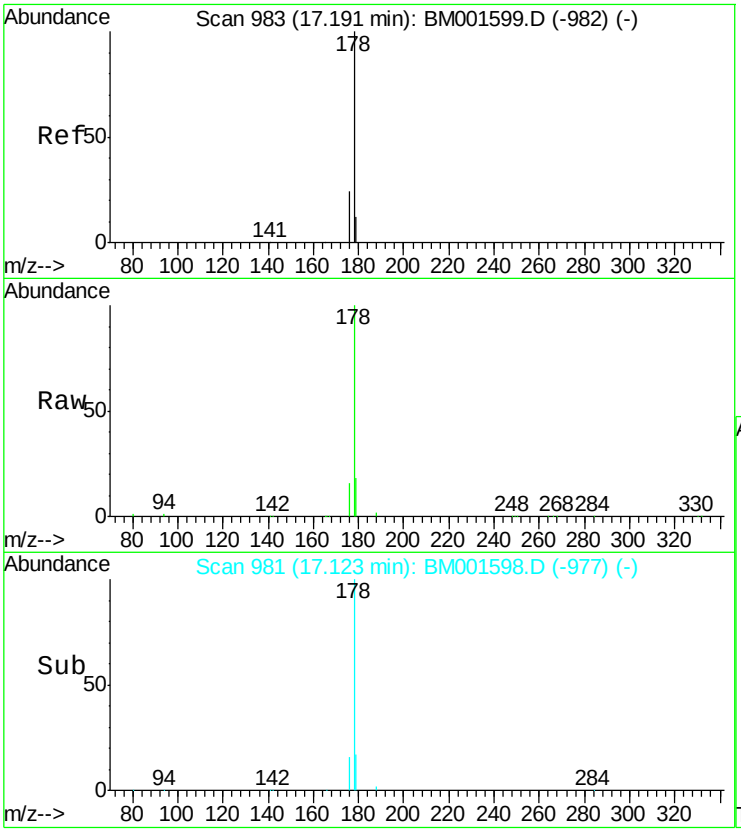


#22
Phenanthrene
Concen: 1.98 ng
RT: 17.12 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Tgt Ion:178 Resp: 28803

Ion	Ratio	Lower	Upper
178	100		
176	16.2	13.2	19.8
179	17.4	13.8	20.8



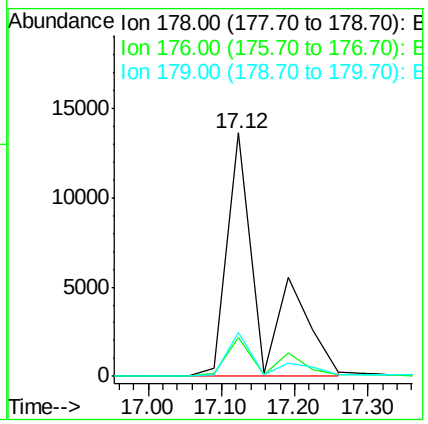


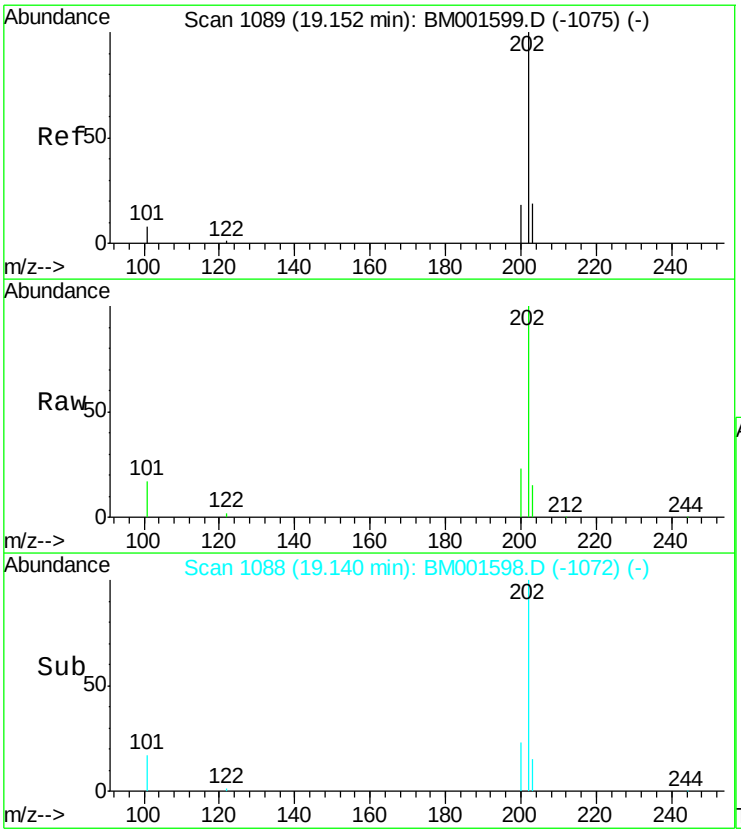
#23
Anthracene
Concen: 6.94 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.07 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:178 Resp: 45492

Ion	Ratio	Lower	Upper
178	100		
176	17.8	21.9	32.9#
179	16.3	23.0	34.4#

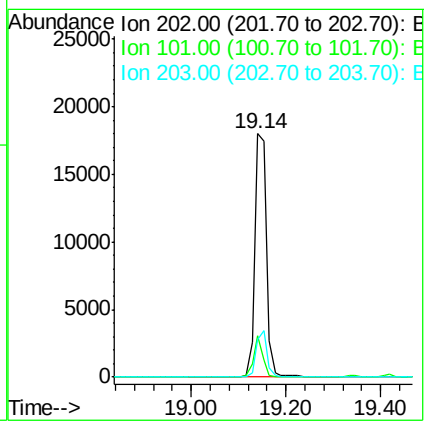


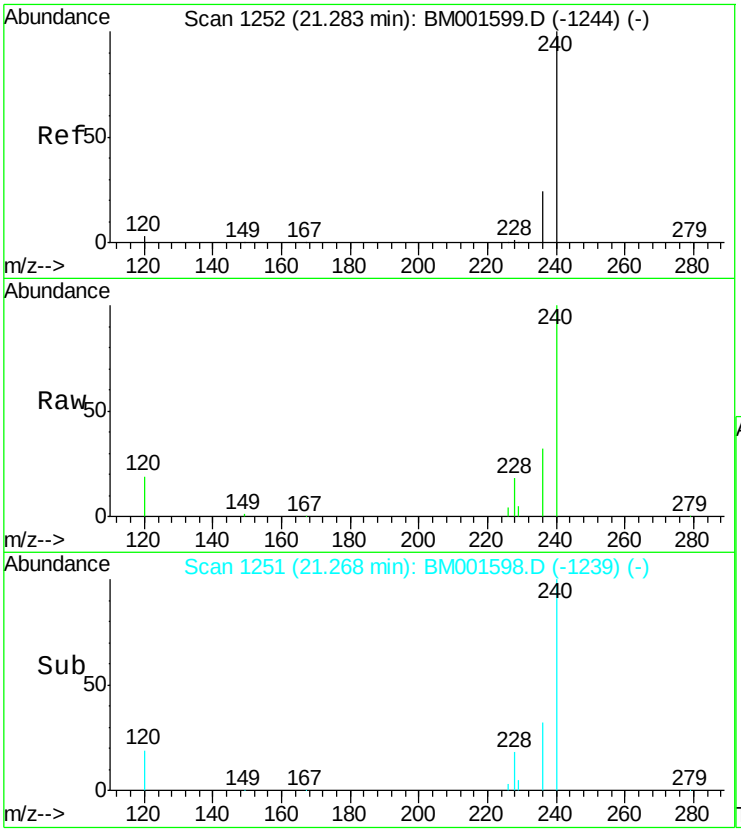


#24
Fluoranthene
Concen: 2.55 ng
RT: 19.14 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Tgt Ion:202 Resp: 29948

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.4	15.6
203	17.2	13.8	20.6



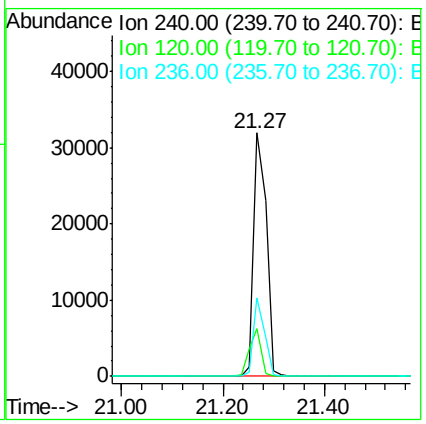


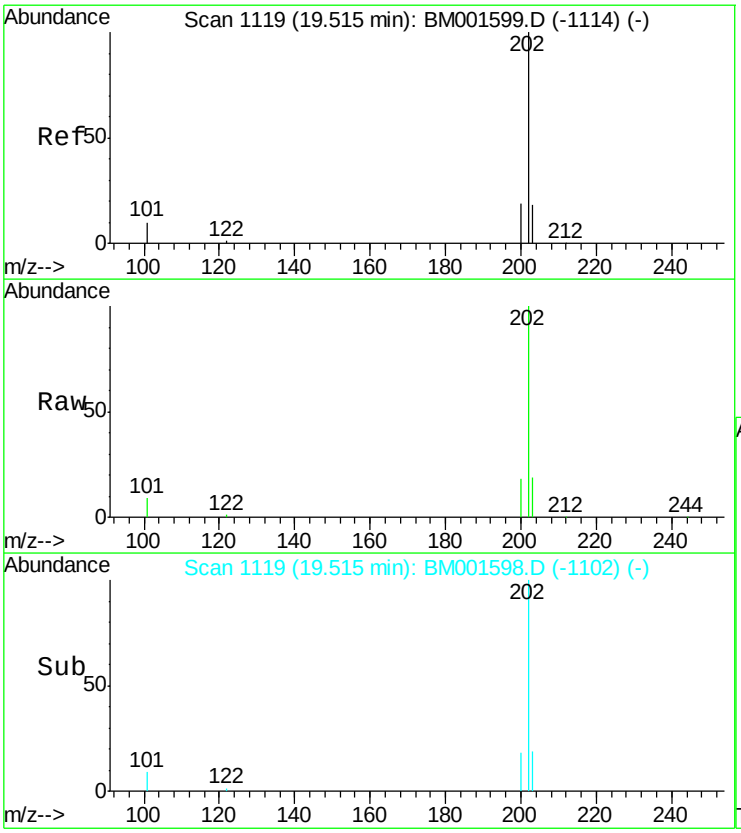
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.27 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:240 Resp: 53086

Ion	Ratio	Lower	Upper
240	100		
120	19.4	2.2	3.4#
236	32.1	19.6	29.4#

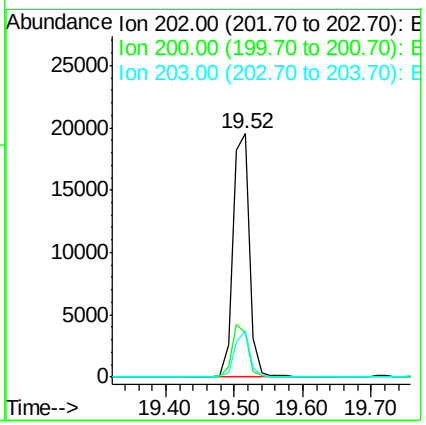


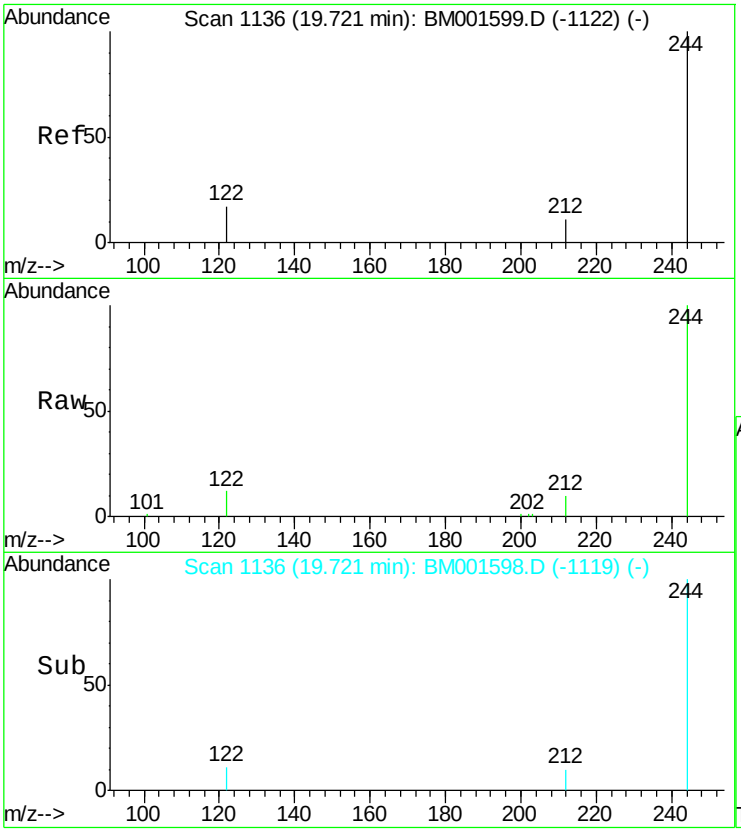


#26
Pyrene
Concen: 1.88 ng
RT: 19.52 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Tgt Ion:202 Resp: 31927

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.2	14.0	21.0



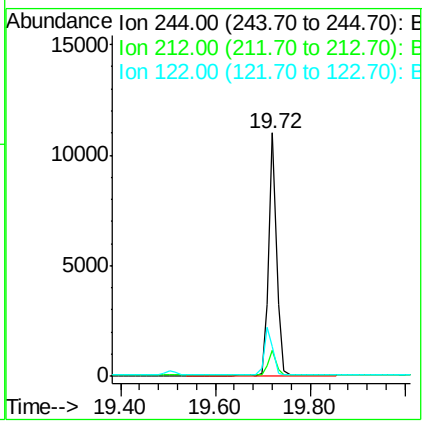


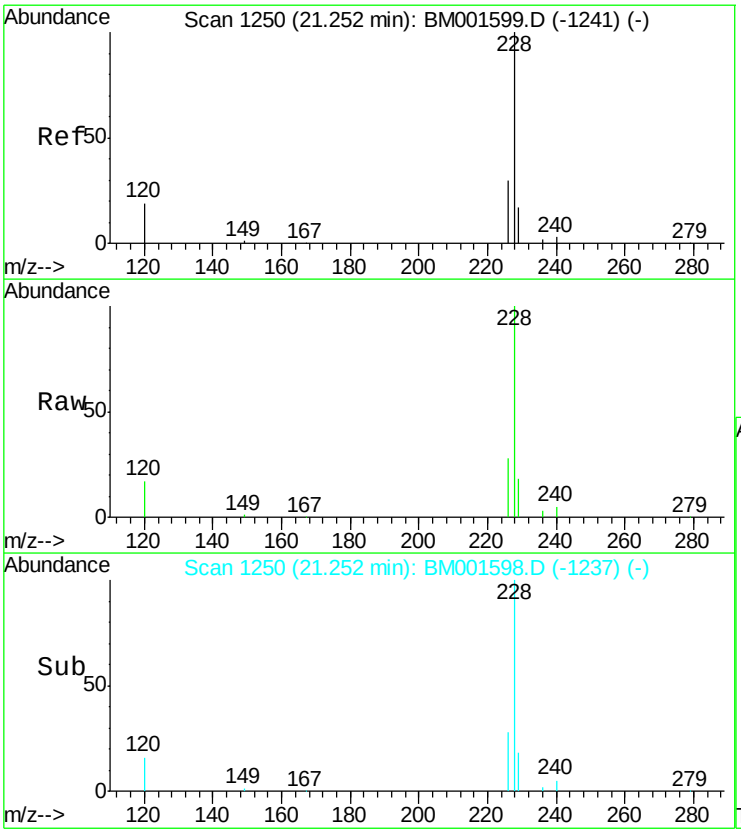
#27
Terphenyl-d14
Concen: 1.89 ng
RT: 19.72 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:244 Resp: 12920

Ion	Ratio	Lower	Upper
244	100		
212	10.4	9.2	13.8
122	12.4	14.5	21.7#

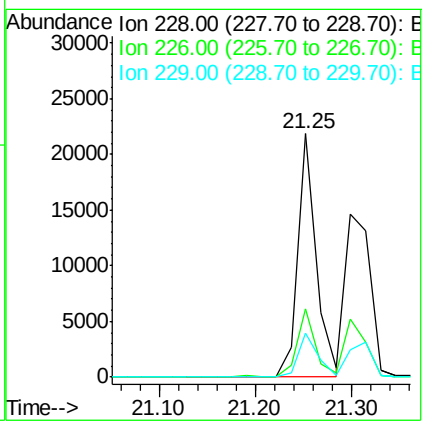


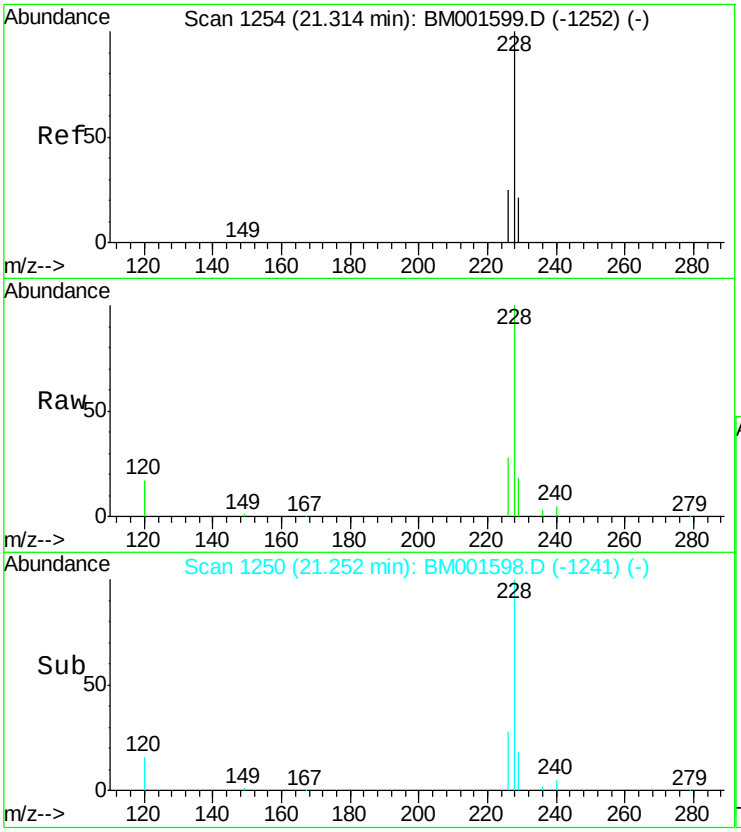


#28
Benzo(a)anthracene
Concen: 1.91 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Tgt Ion:228 Resp: 28751

Ion	Ratio	Lower	Upper
228	100		
226	27.9	24.6	37.0
229	18.0	13.8	20.8



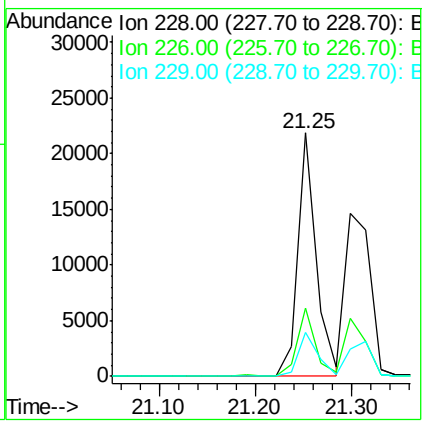


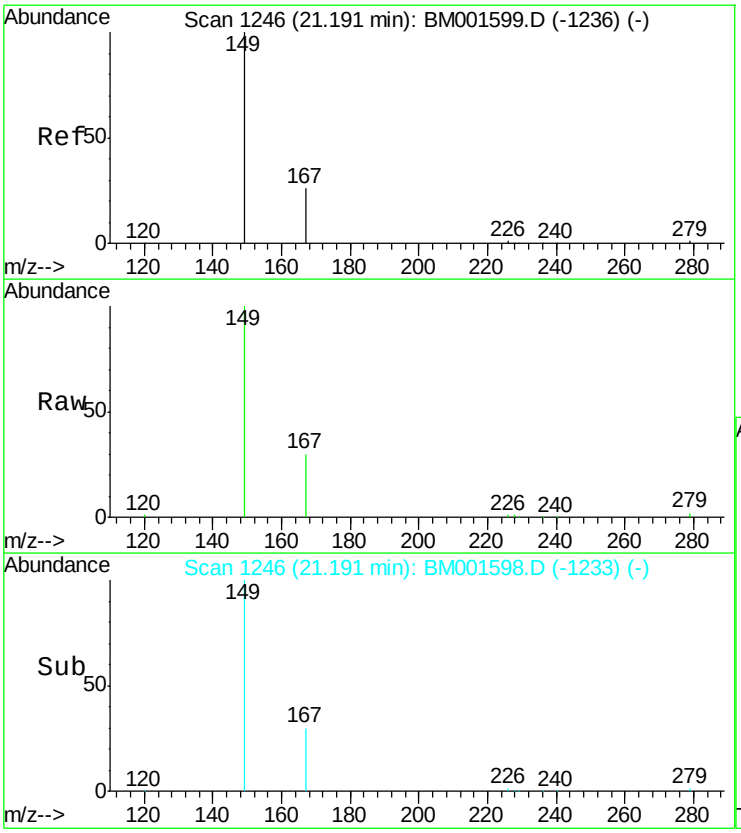
#29
Chrysene
Concen: 2.00 ng
RT: 21.25 min Scan# 1250
Delta R.T. -0.06 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:228 Resp: 28751

Ion	Ratio	Lower	Upper
228	100		
226	27.9	20.6	31.0
229	18.0	17.4	26.2

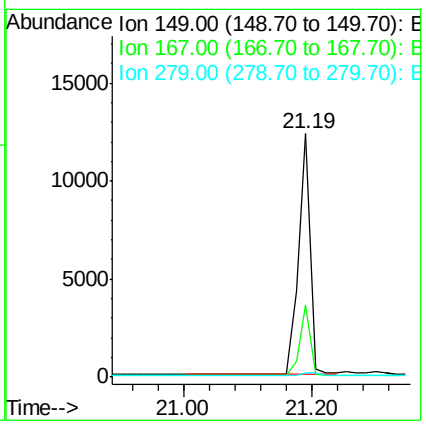


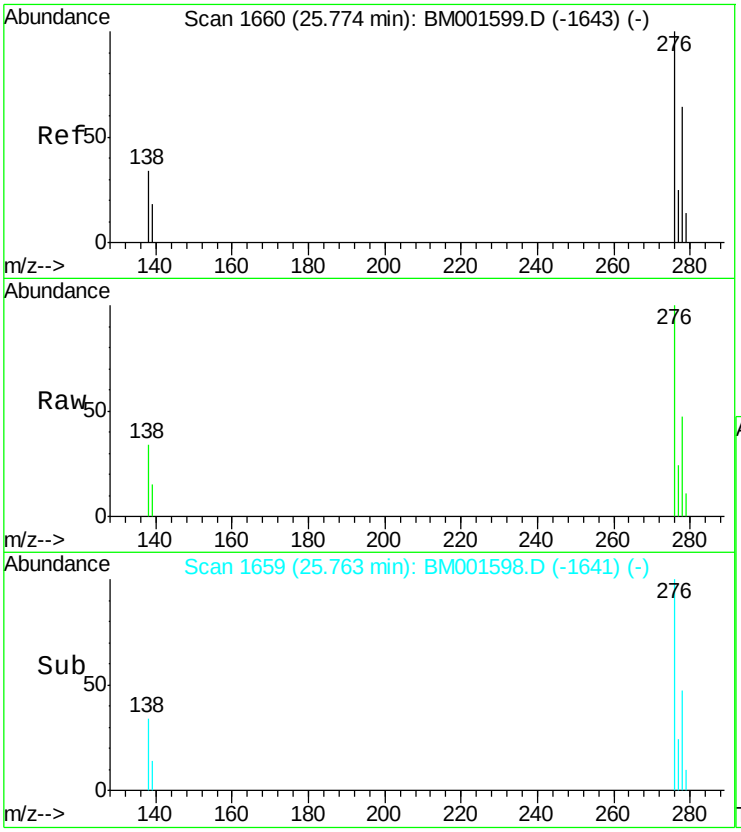


#30
Bis(2-ethylhexyl)phthalate
Concen: 1.79 ng
RT: 21.19 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Tgt Ion:149 Resp: 15775

Ion	Ratio	Lower	Upper
149	100		
167	26.4	20.2	30.4
279	2.0	1.7	2.5



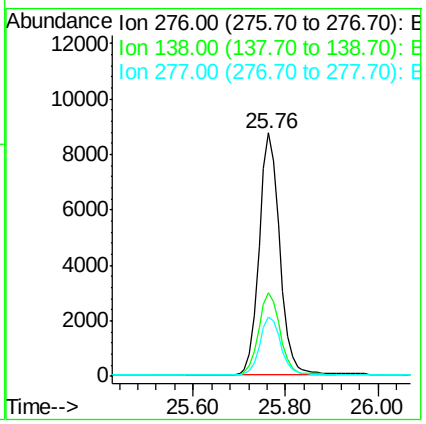


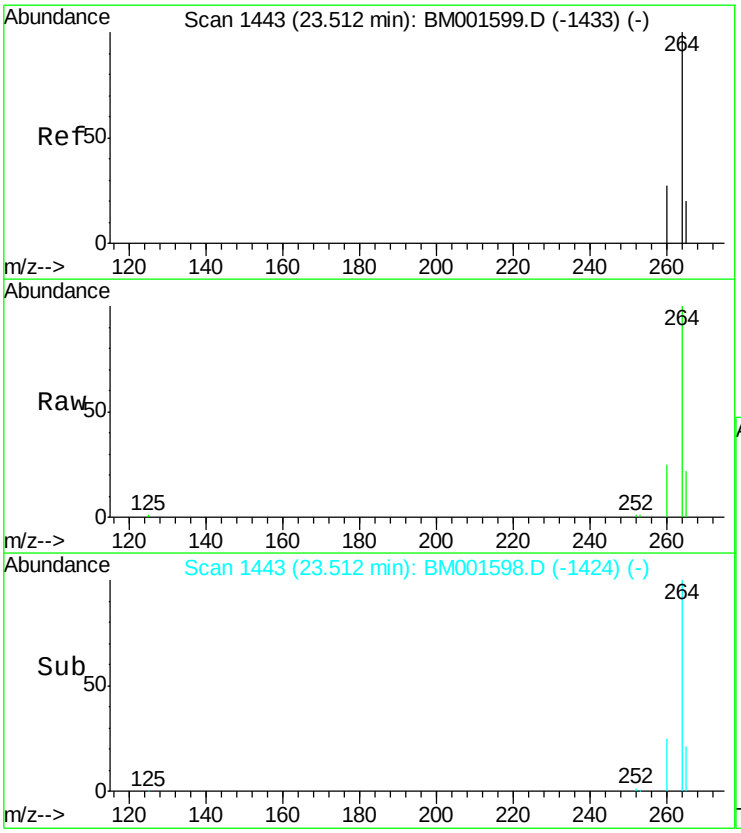
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.76 ng
RT: 25.76 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:276 Resp: 27045

Ion	Ratio	Lower	Upper
276	100		
138	35.3	28.2	42.2
277	24.5	19.4	29.2

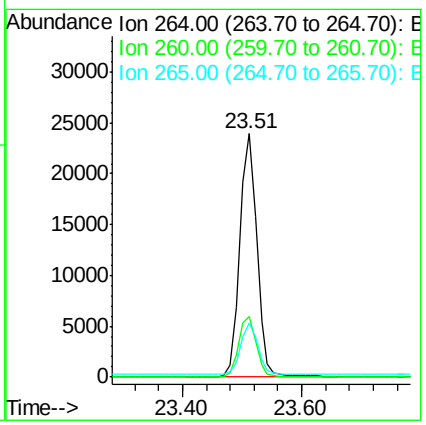


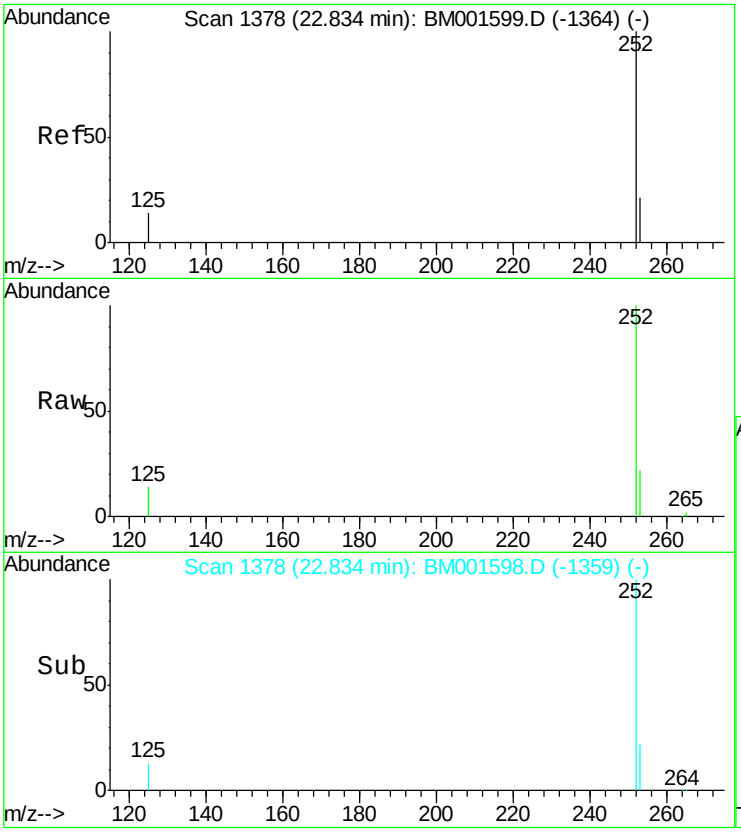


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.51 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Tgt Ion:264 Resp: 46837

Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.8	32.6
265	22.2	16.8	25.2



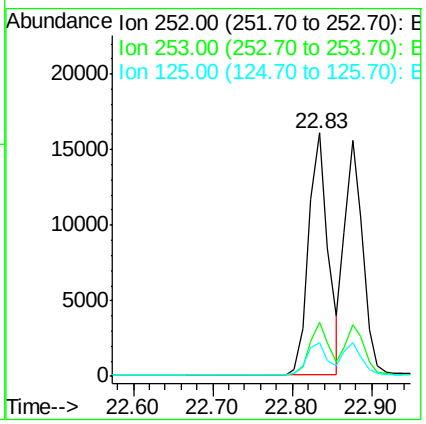


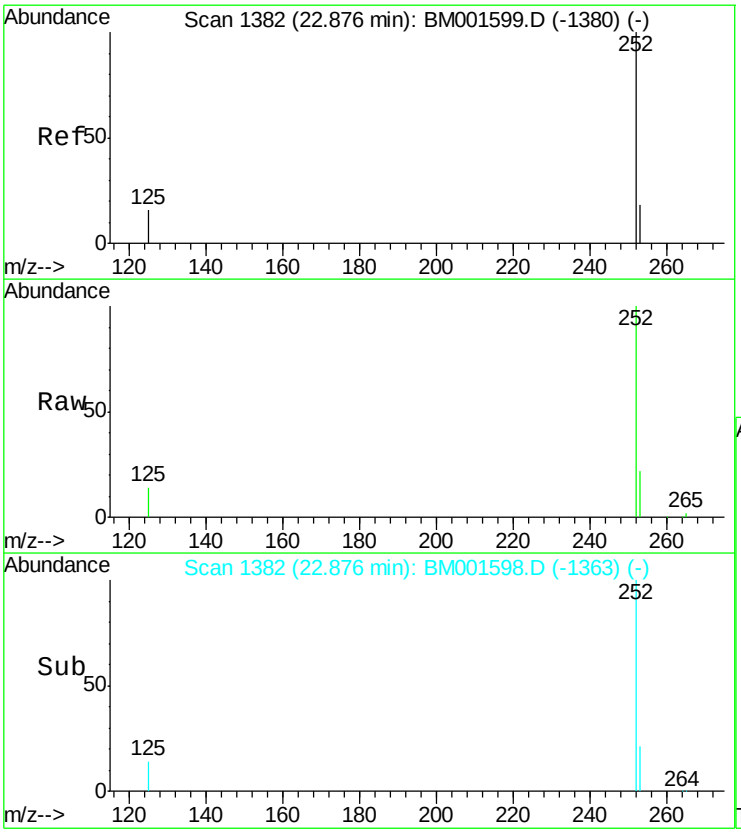
#33
Benzo(b)fluoranthene
Concen: 1.93 ng
RT: 22.83 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:252 Resp: 27217

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	13.6	12.4	18.6

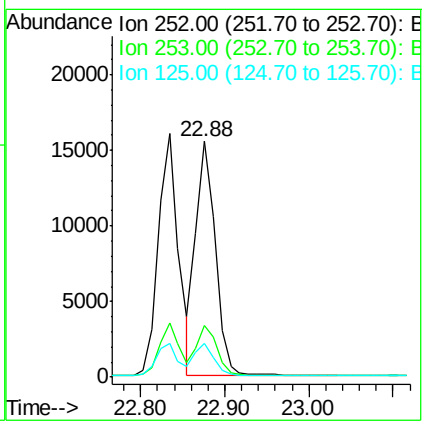


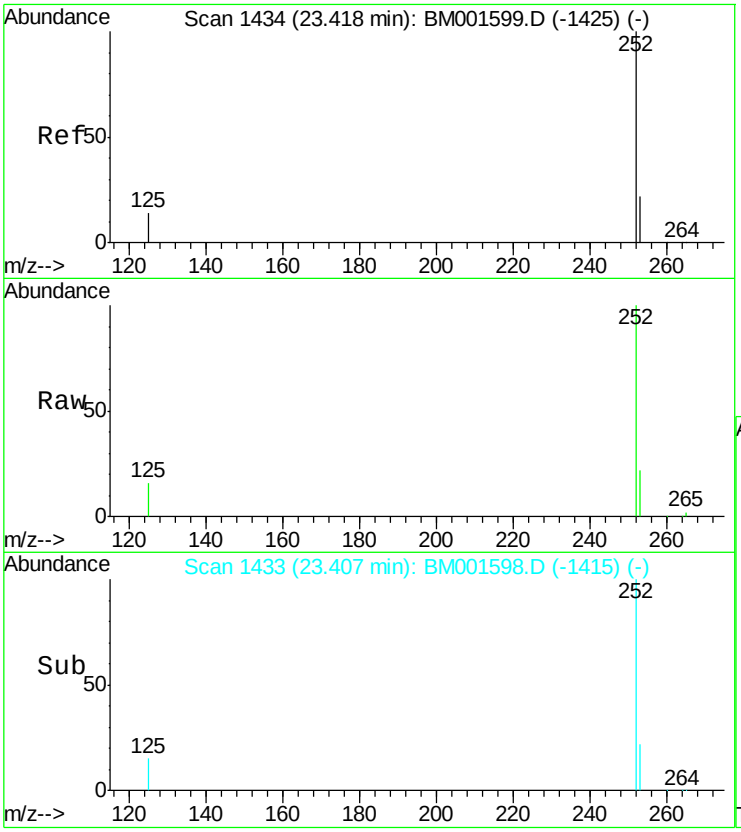


#34
Benzo(k)fluoranthene
Concen: 1.93 ng
RT: 22.88 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Tgt Ion:252 Resp: 24769

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	14.2	12.8	19.2



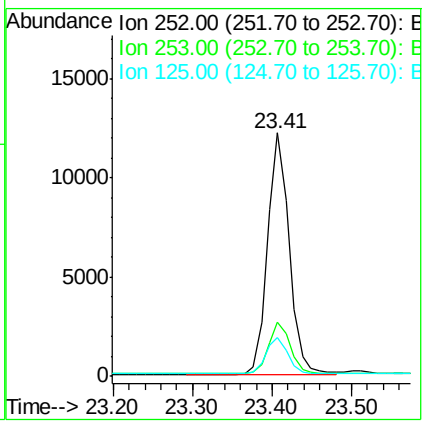


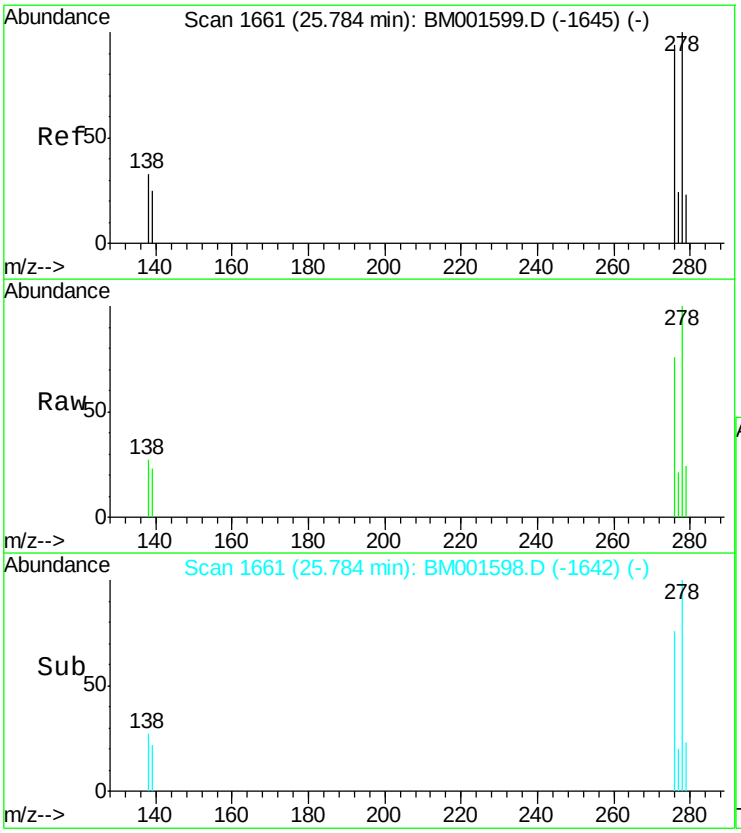
#35
Benzo(a)pyrene
Concen: 1.89 ng
RT: 23.41 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:252 Resp: 23247

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.4	29.0
125	15.9	13.0	19.6

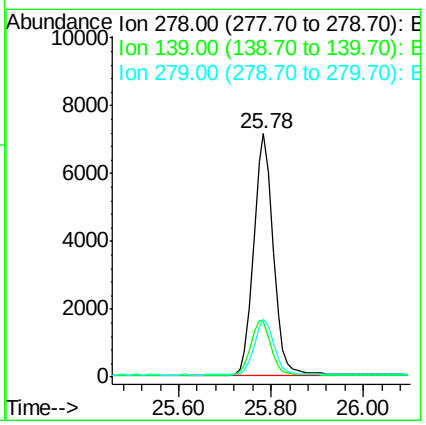


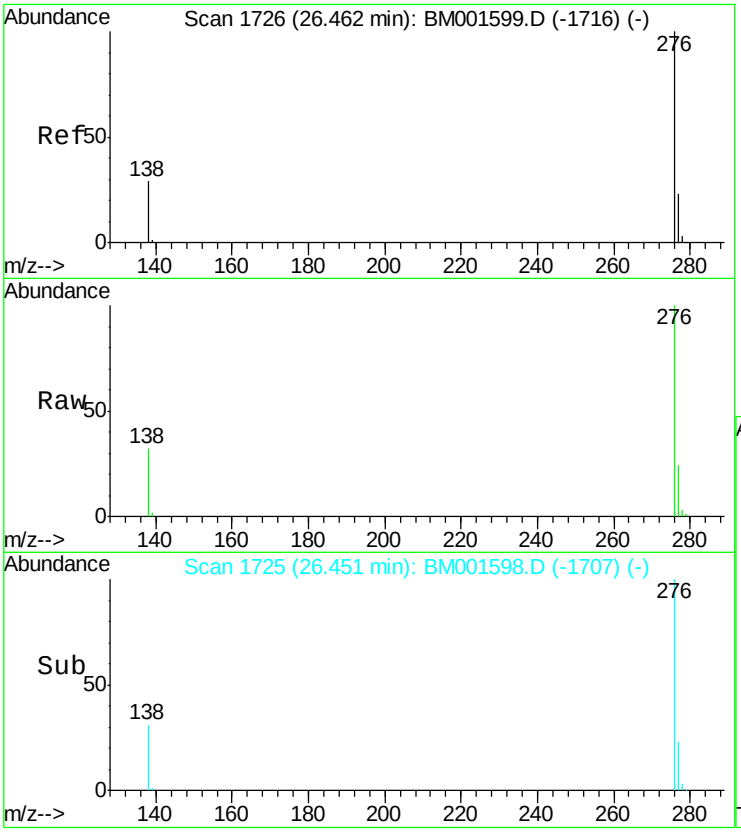


#36
Dibenzo(a,h)anthracene
Concen: 1.76 ng
RT: 25.78 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Tgt Ion:278 Resp: 21073

Ion	Ratio	Lower	Upper
278	100		
139	22.9	20.6	31.0
279	23.9	19.7	29.5





#37
Benzo(g,h,i)perylene
Concen: 1.78 ng
RT: 26.45 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:276 Resp: 22435

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.0
138	32.0	24.5	36.7