Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060615\
Data File : BM001576.D
Acq On : 06 Jun 2015 01:37
Operator : TP/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC005

Quant Time: Jun 06 06:19:16 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 06 01:16:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	28045	5.00	ng		0.00
6) Naphthalene-d8	10.47	136	101833	5.00	ng		0.00
12) Acenaphthene-d10	14.35	164	48565	5.00	ng		0.00
18) Phenanthrene-d10	17.09	188	74640	5.00	ng		0.00
25) Chrysene-d12	21.28	240	76206	5.00	ng		0.00
32) Perylene-d12	23.51	264	70990	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	30431	4.82	ng		-0.02
5) Phenol-d6	6.84	99	38452	4.95	ng		-0.02
7) Nitrobenzene-d5	8.85	82	35483	4.95	ng		-0.01
13) 2,4,6-Tribromophenol	15.83	330	11409	5.66	ng		0.00
14) 2-Fluorobiphenyl	12.97	172	70644	4.89	ng		0.00
27) Terphenyl-d14	19.72	244	46388	4.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	12591	4.29	ng		97
3) n-Nitrosodimethylamine	3.51	42	21129	4.86	ng	#	99
8) Nitrobenzene	8.89	77	38945	5.15	ng		99
9) Naphthalene	10.52	128	104870	4.89	ng		99
10) Hexachlorobutadiene	10.82	225	17961	4.86	ng		100
11) 2-Methylnaphthalene	12.15	142	65727	4.88	ng		97
15) Acenaphthylene	14.06	152	107183	5.10	ng		100
16) Acenaphthene	14.41	154	64011	5.01	ng		97
17) Fluorene	15.36	166	39034	3.90	ng	#	65
19) 4-Bromophenyl-phenylether	16.27	248	29190	9.27	ng	#	94
20) Hexachlorobenzene	16.38	284	11654	7.11	ng		89
21) Pentachlorophenol	16.75	266	6196	7.15	ng		96
22) Phenanthrene	17.12	178	129120	5.84	ng		100
23) Anthracene	17.12	178	181480	18.15	ng	#	50
24) Fluoranthene	19.15	202	110671	7.01	ng		99
26) Pyrene	19.52	202	116423	4.95	ng		100
28) Benzo(a)anthracene	21.25	228	101087	4.74	ng		97
29) Chrysene	21.31	228	92005	4.81	ng		99
30) Bis(2-ethylhexyl)phthalate	21.19	149	68619	4.54	ng		100
31) Indeno(1,2,3-cd)pyrene	25.77	276	98483	4.69	ng		100
33) Benzo(b)fluoranthene	22.83	252	89776	4.56	ng		98
34) Benzo(k)fluoranthene	22.88	252	90292	4.90	ng		95
35) Benzo(a)pyrene	23.41	252	82336	4.63	ng		96
36) Dibenzo(a,h)anthracene	25.78	278	76967	4.64	ng		95
37) Benzo(g,h,i)perylene	26.46	276	79443	4.55	ng		98

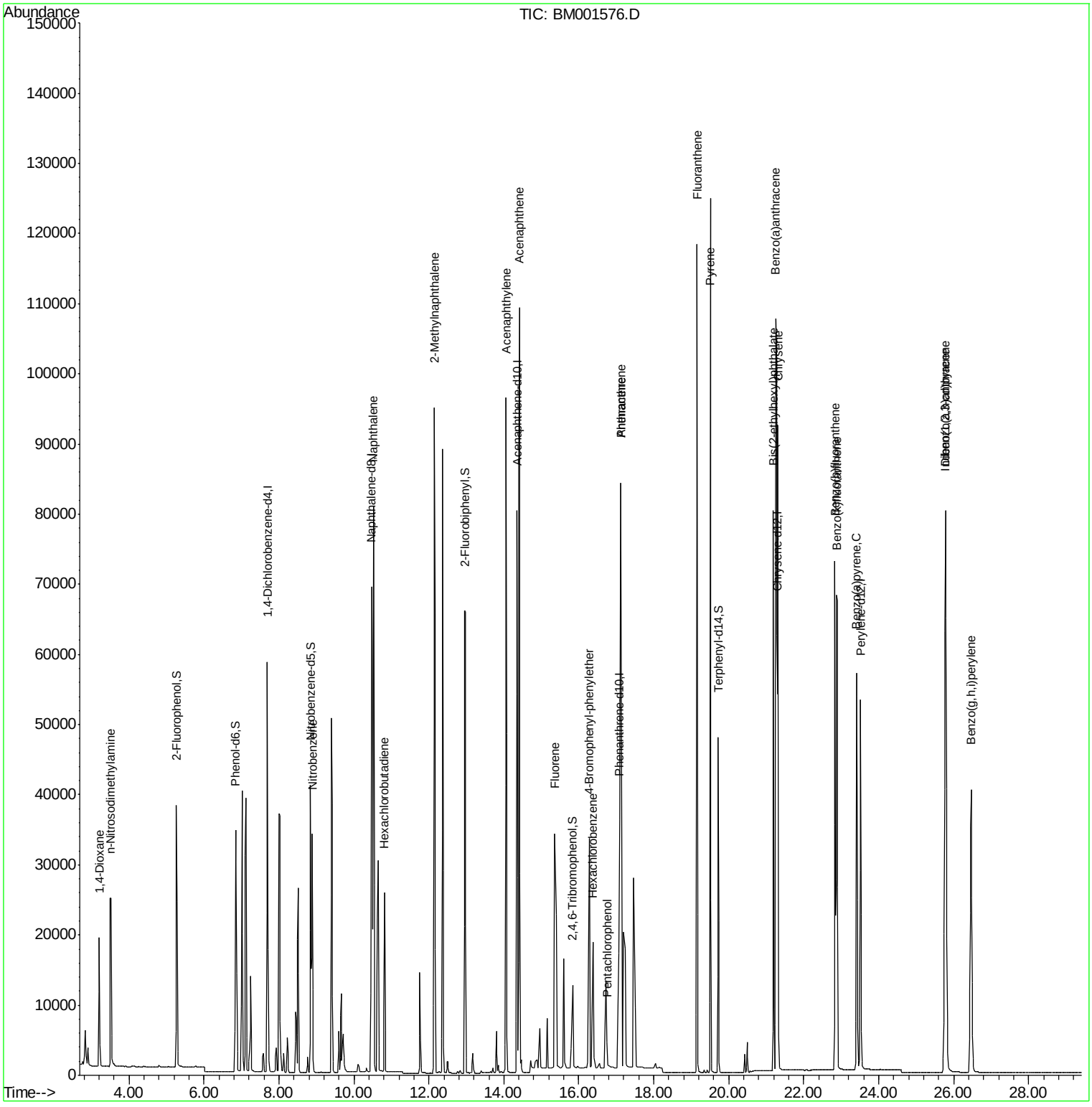
(#) = qualifier out of range (m) = manual integration (+) = signals summed

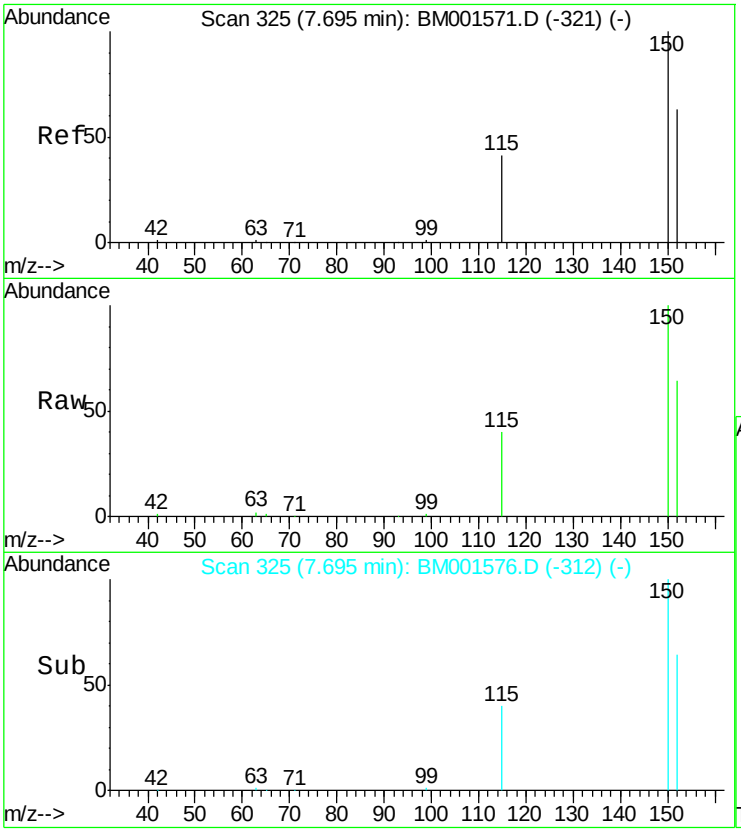
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060615\
Data File : BM001576.D
Acq On : 06 Jun 2015 01:37
Operator : TP/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Quant Time: Jun 06 06:19:16 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 06 01:16:45 2015
Response via : Initial Calibration



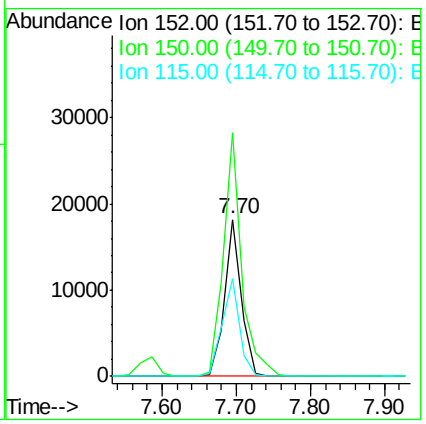


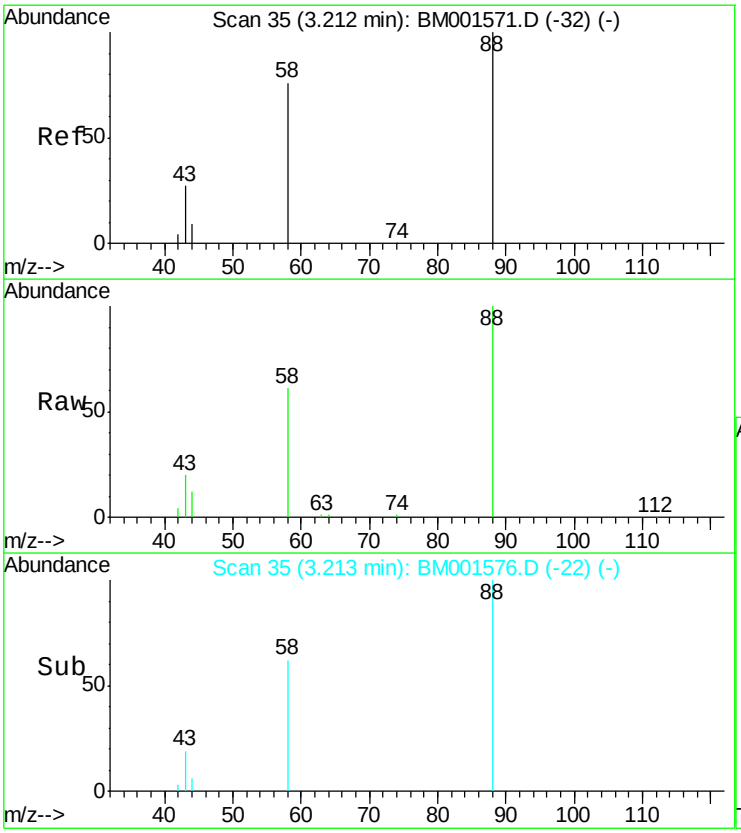
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.70 min Scan# 325
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 28045

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.6	190.0
115	61.9	51.6	77.4

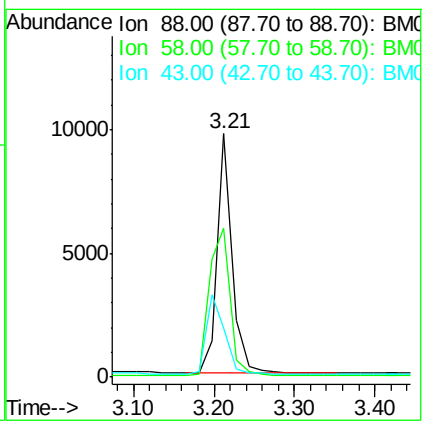


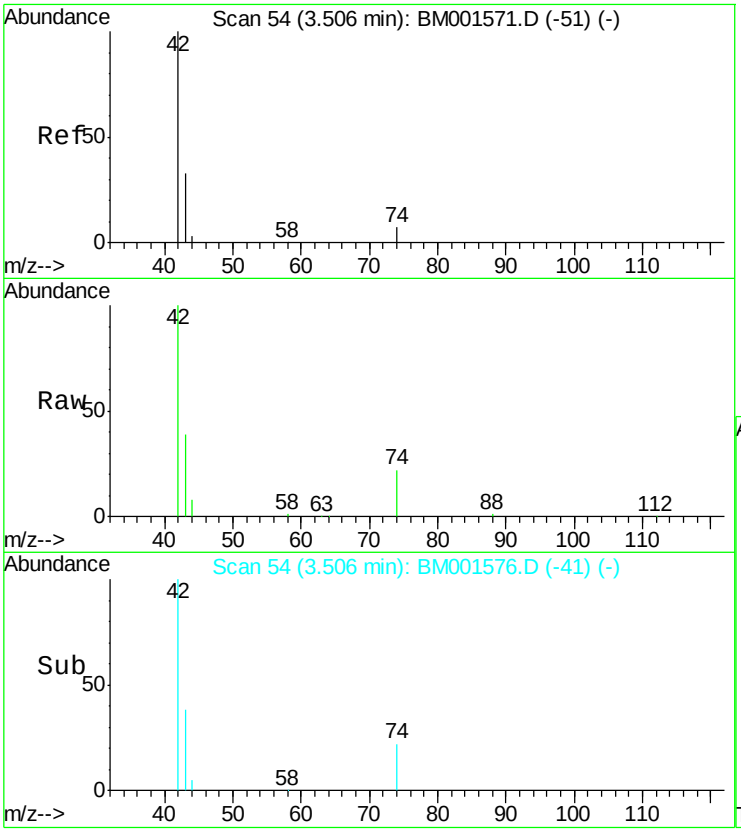


#2
1,4-Dioxane
Concen: 4.29 ng
RT: 3.21 min Scan# 35
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Tgt Ion: 88 Resp: 12591

Ion	Ratio	Lower	Upper
88	100		
58	85.9	66.1	99.1
43	40.0	32.3	48.5



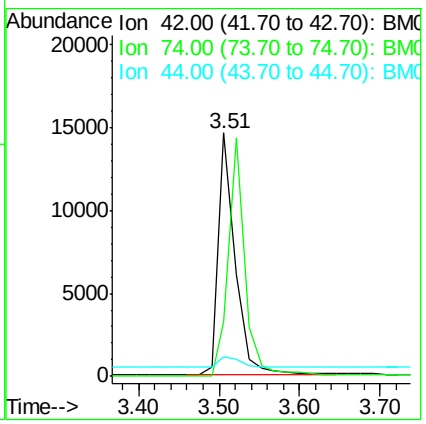


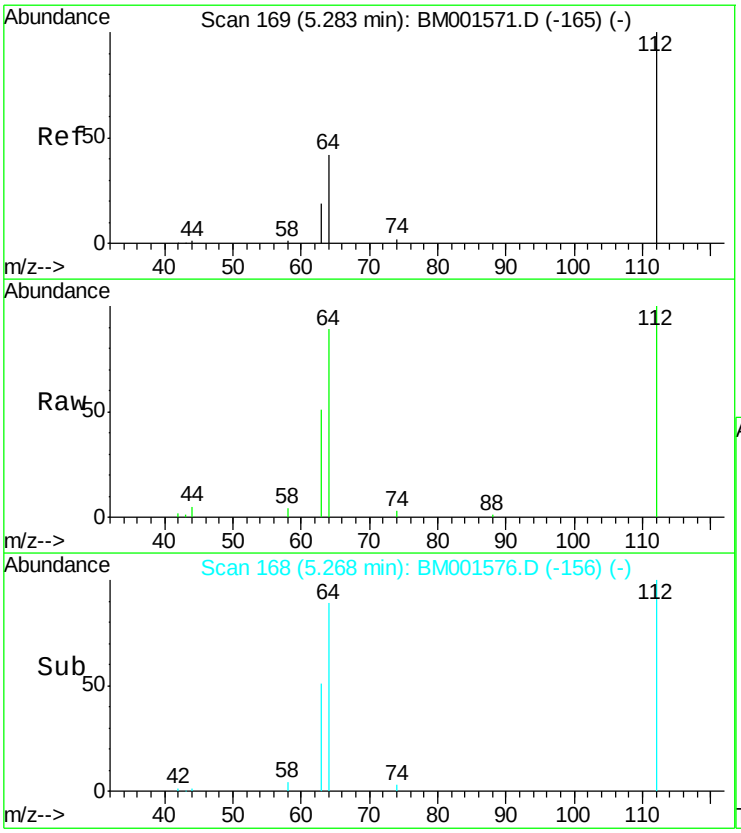
#3
n-Nitrosodimethylamine
Concen: 4.86 ng
RT: 3.51 min Scan# 54
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 42 Resp: 21129

Ion	Ratio	Lower	Upper
42	100		
74	96.1	77.2	115.8
44	6.3	7.4	11.2#

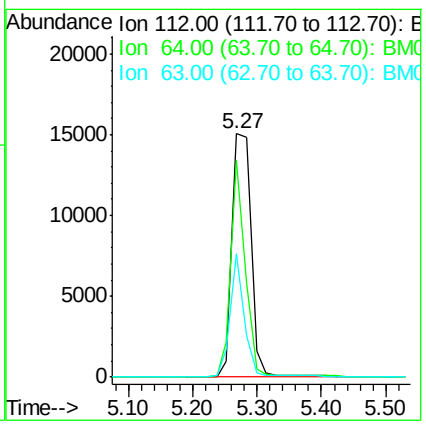


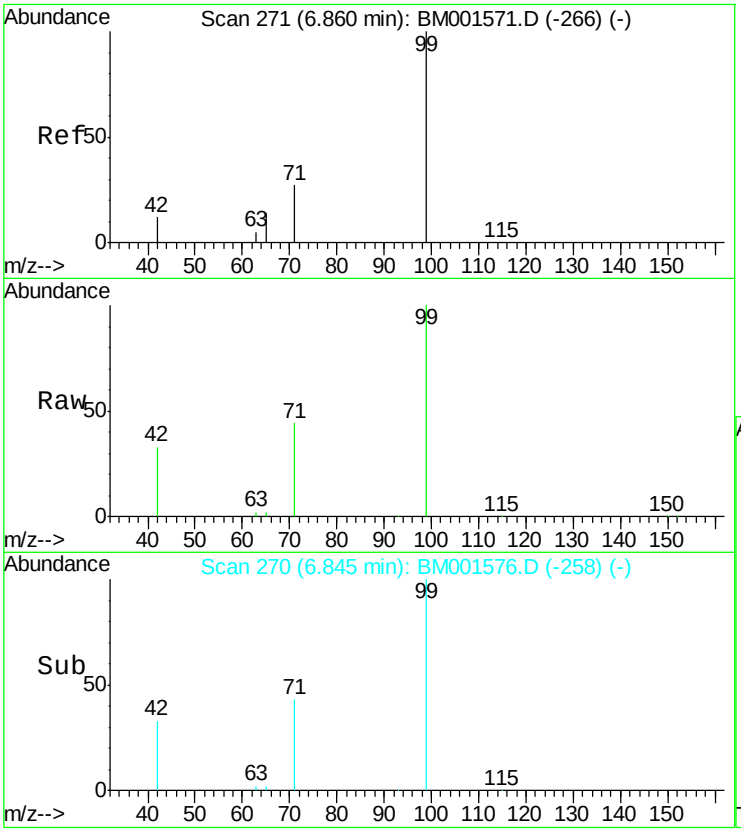


#4
2-Fluorophenol
Concen: 4.82 ng
RT: 5.27 min Scan# 168
Delta R.T. -0.02 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Tgt Ion:112 Resp: 30431

Ion	Ratio	Lower	Upper
112	100		
64	67.0	53.3	79.9
63	36.9	29.7	44.5



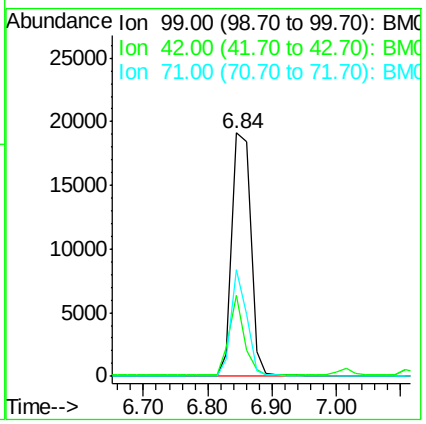


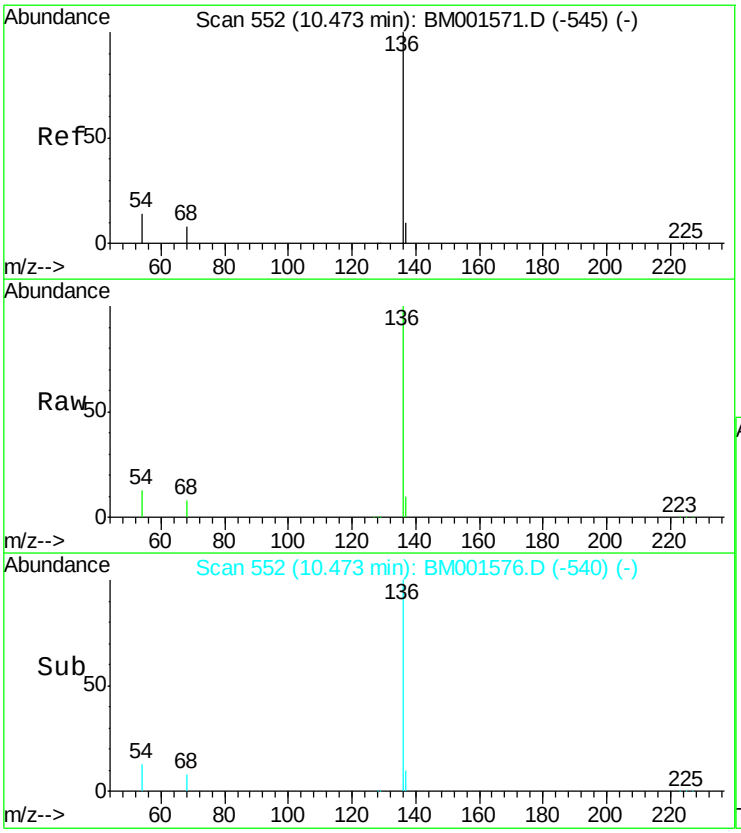
#5
Phenol-d6
Concen: 4.95 ng
RT: 6.84 min Scan# 270
Delta R.T. -0.02 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 38452

Ion	Ratio	Lower	Upper
99	100		
42	26.3	21.4	32.2
71	35.8	29.0	43.4

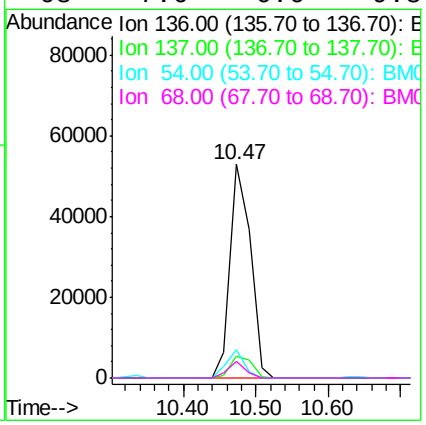


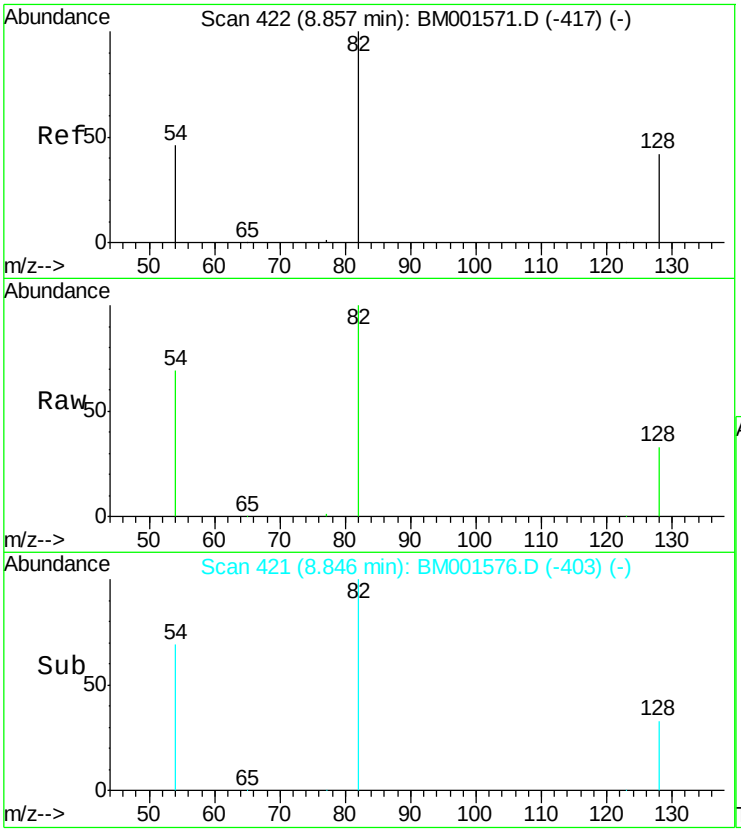


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.47 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Tgt Ion:136 Resp: 101833

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.1	12.1
54	13.2	11.7	17.5
68	7.6	6.6	9.8



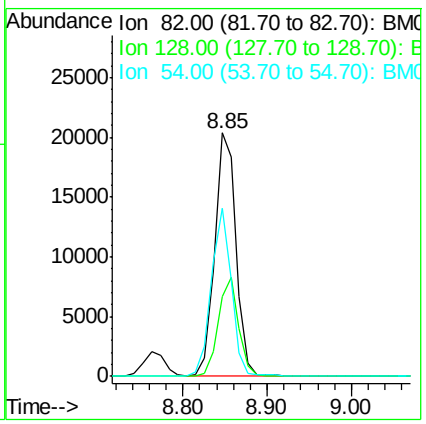


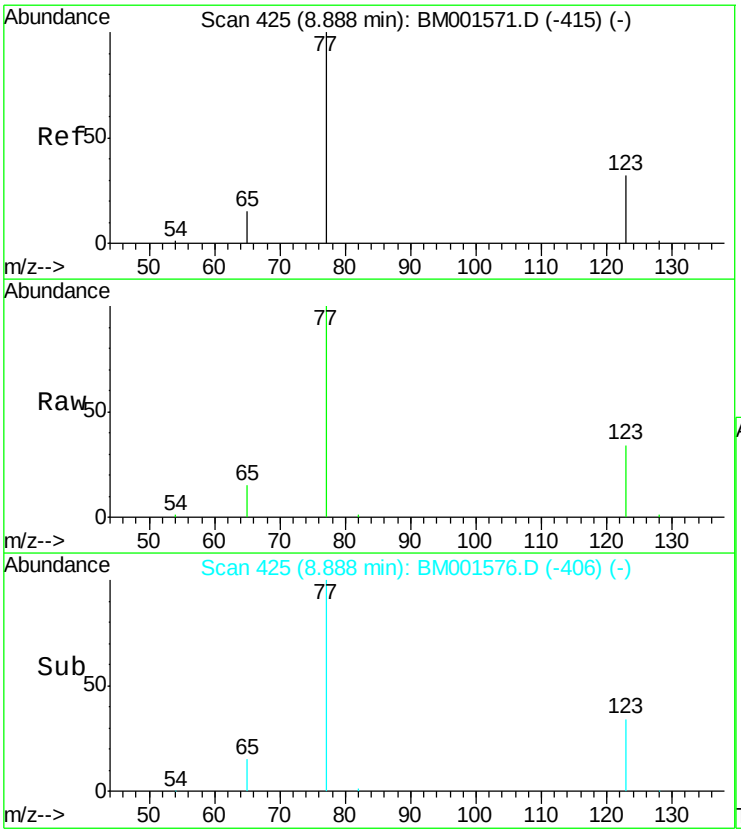
#7
Nitrobenzene-d5
Concen: 4.95 ng
RT: 8.85 min Scan# 421
Delta R.T. -0.01 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 35483

Ion	Ratio	Lower	Upper
82	100		
128	32.8	34.1	51.1#
54	69.0	37.8	56.6#

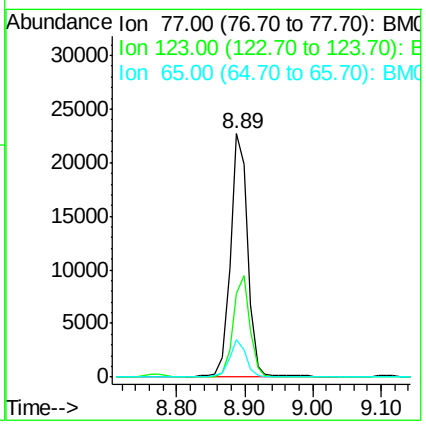


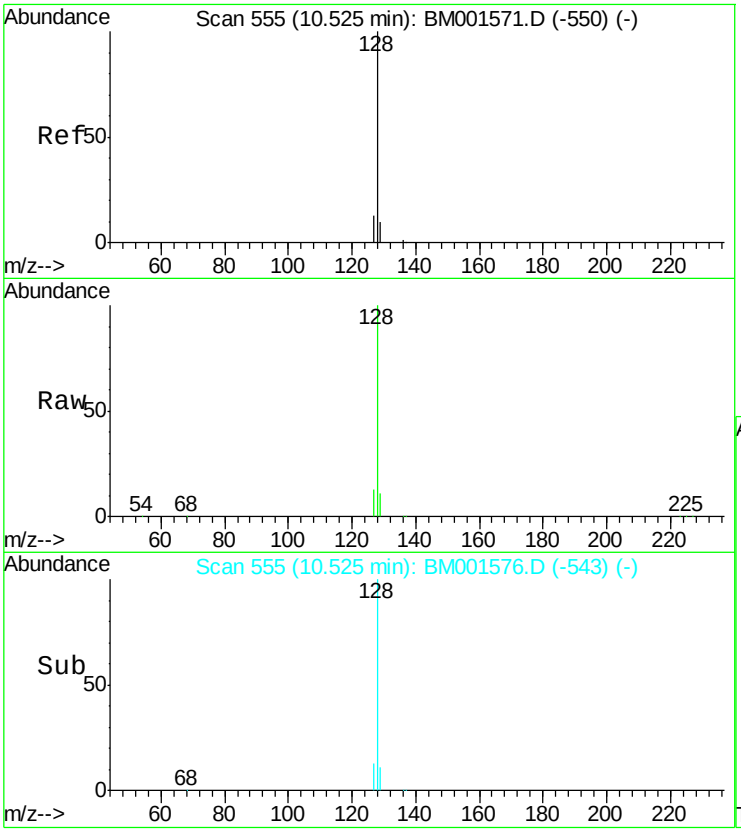


#8
Nitrobenzene
Concen: 5.15 ng
RT: 8.89 min Scan# 425
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Tgt Ion: 77 Resp: 38945

Ion	Ratio	Lower	Upper
77	100		
123	40.5	31.7	47.5
65	14.5	11.4	17.0



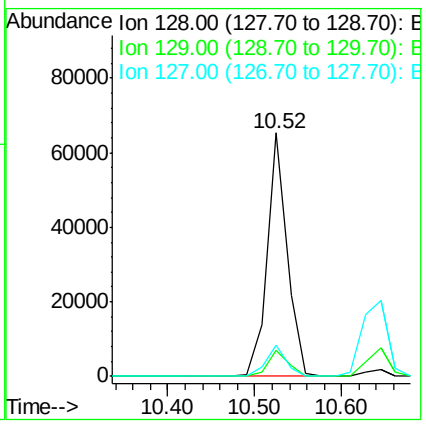


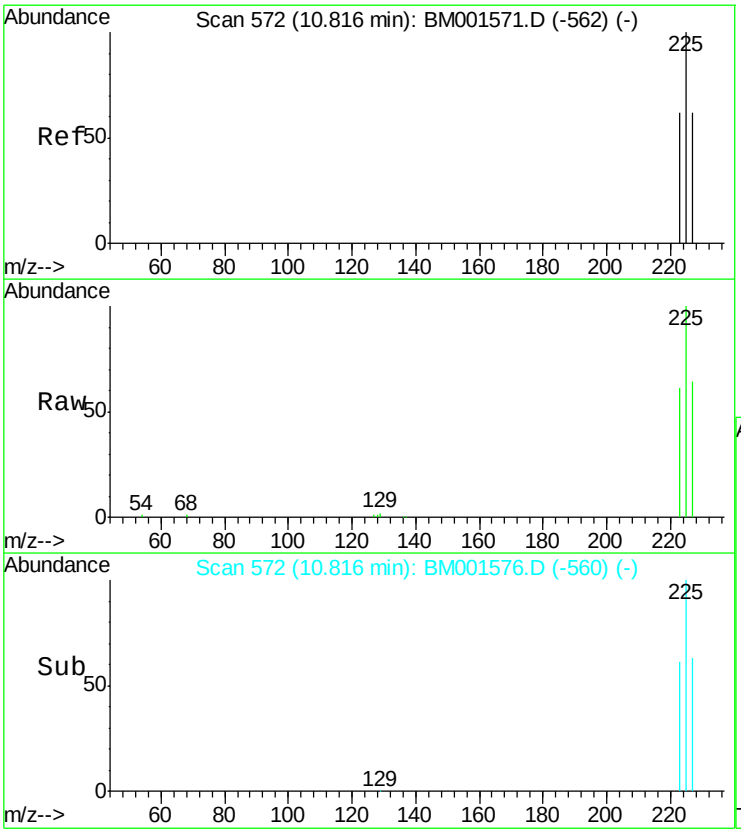
#9
Naphthalene
Concen: 4.89 ng
RT: 10.52 min Scan# 555
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 104870

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	12.8	10.7	16.1

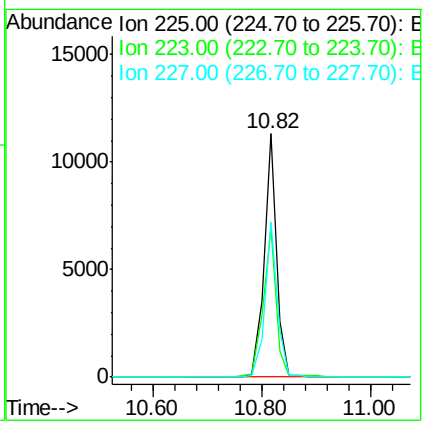


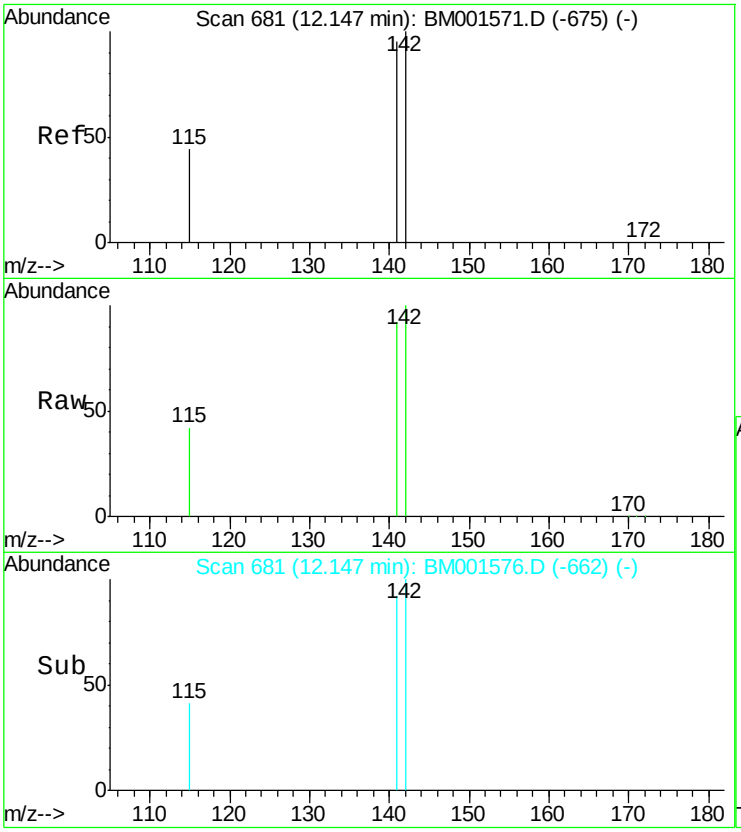


#10
Hexachlorobutadiene
Concen: 4.86 ng
RT: 10.82 min Scan# 572
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Tgt Ion:225 Resp: 17961

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.4	75.6
227	63.3	50.8	76.2



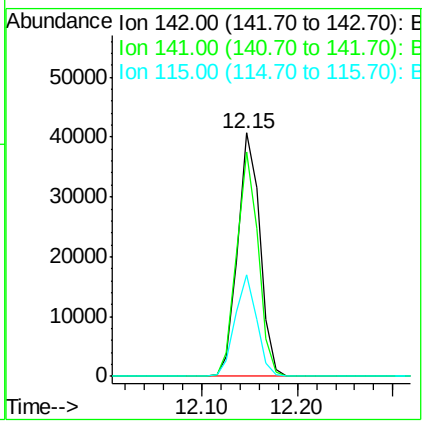


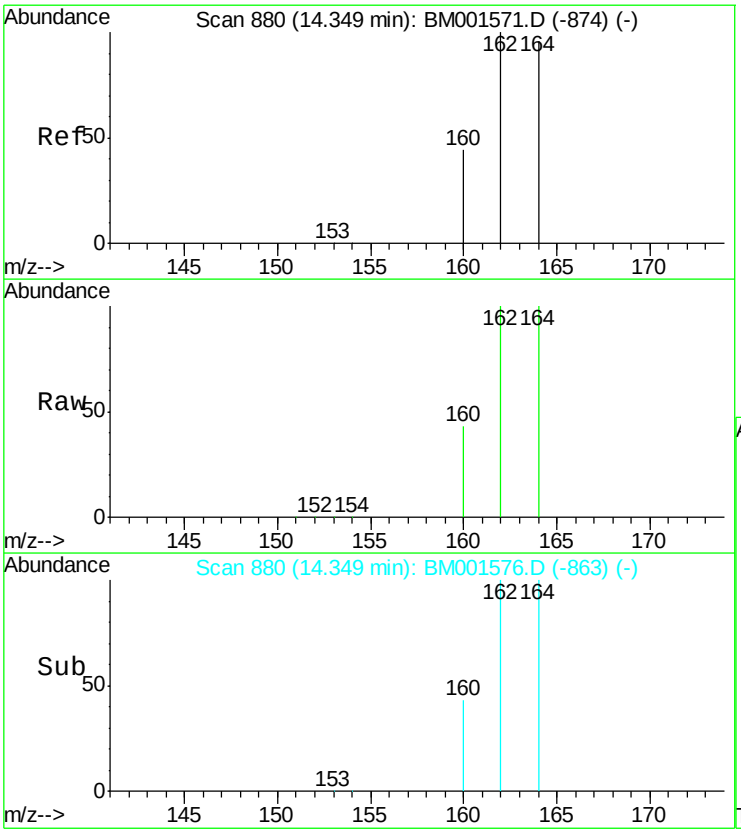
#11
2-Methylnaphthalene
Concen: 4.88 ng
RT: 12.15 min Scan# 681
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 65727

Ion	Ratio	Lower	Upper
142	100		
141	92.0	75.6	113.4
115	41.6	35.5	53.3

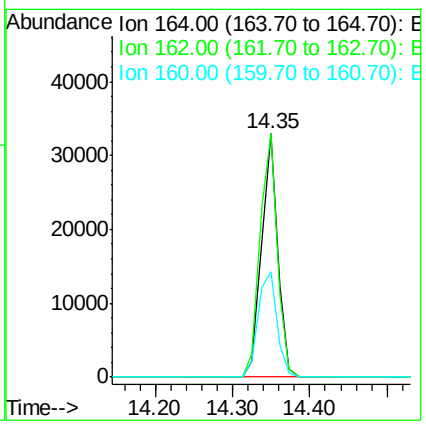


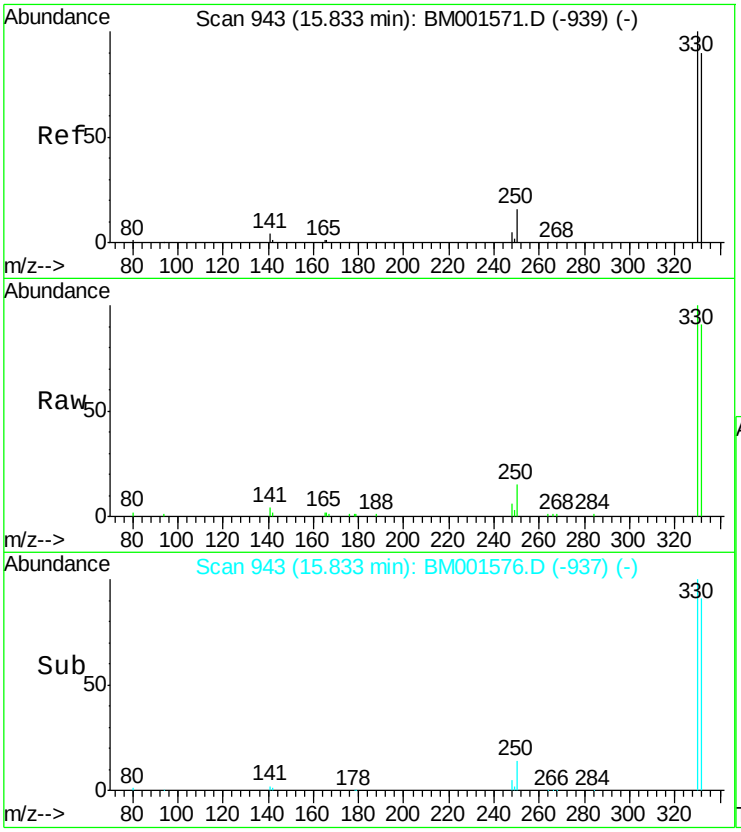


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.35 min Scan# 880
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Tgt Ion:164 Resp: 48565

Ion	Ratio	Lower	Upper
164	100		
162	100.0	83.8	125.6
160	43.3	37.1	55.7



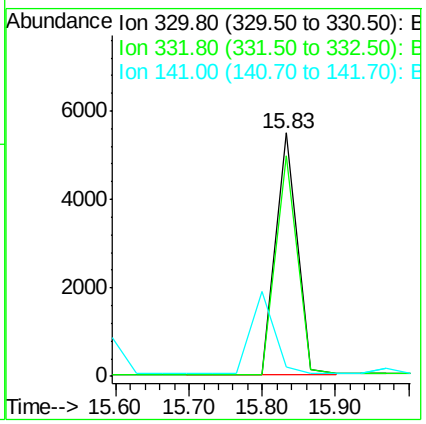


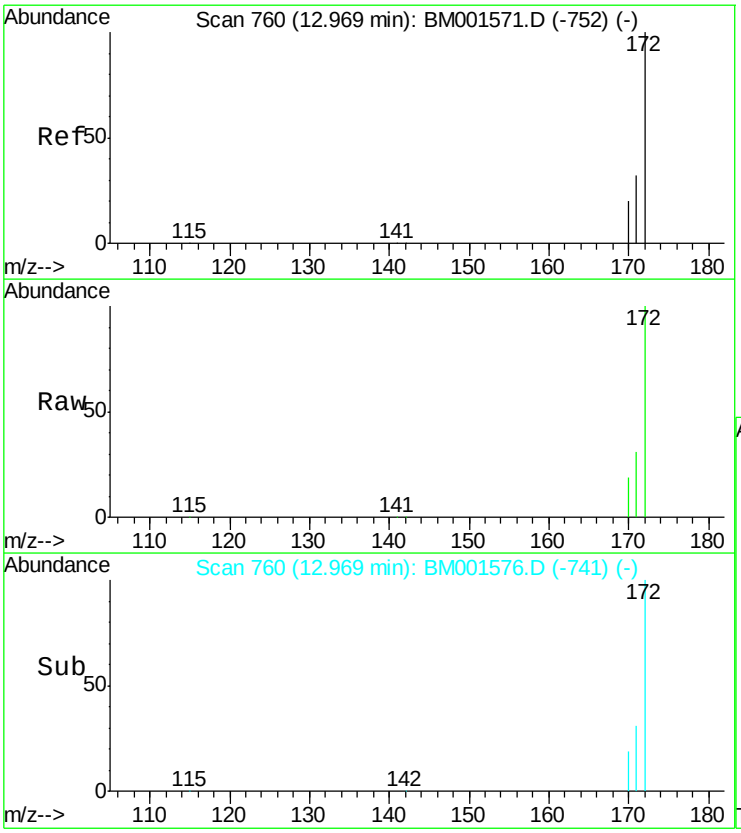
#13
2,4,6-Tribromophenol
Concen: 5.66 ng
RT: 15.83 min Scan# 943
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 11409

Ion	Ratio	Lower	Upper
330	100		
332	91.0	72.0	108.0
141	0.0	0.0	0.0

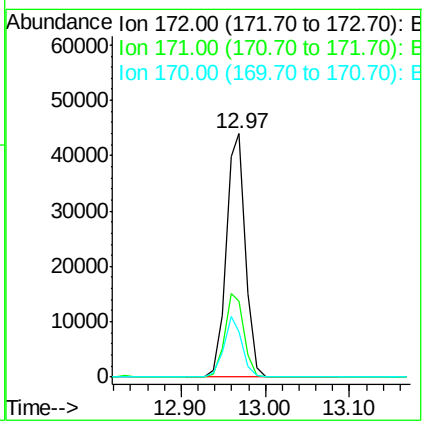


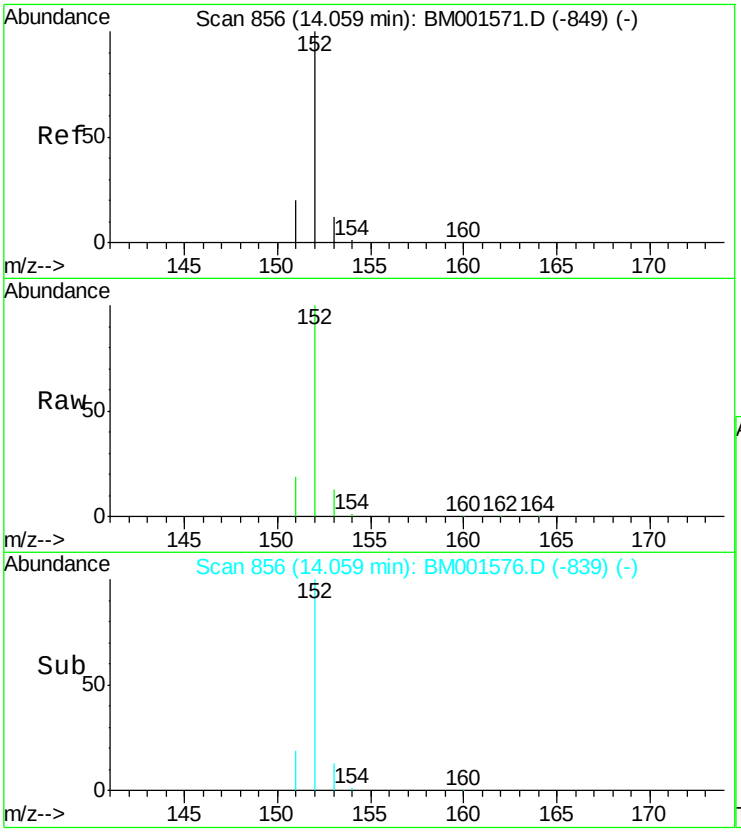


#14
2-Fluorobiphenyl
Concen: 4.89 ng
RT: 12.97 min Scan# 760
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Tgt Ion:172 Resp: 70644

Ion	Ratio	Lower	Upper
172	100		
171	31.0	26.2	39.2
170	18.7	16.1	24.1



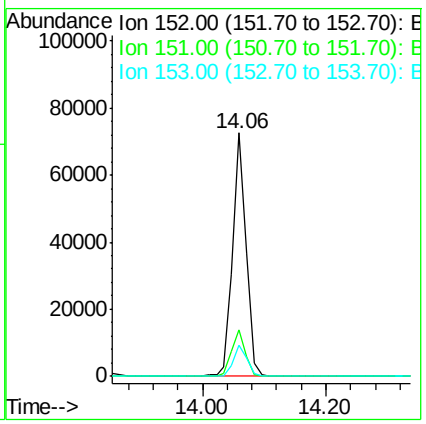


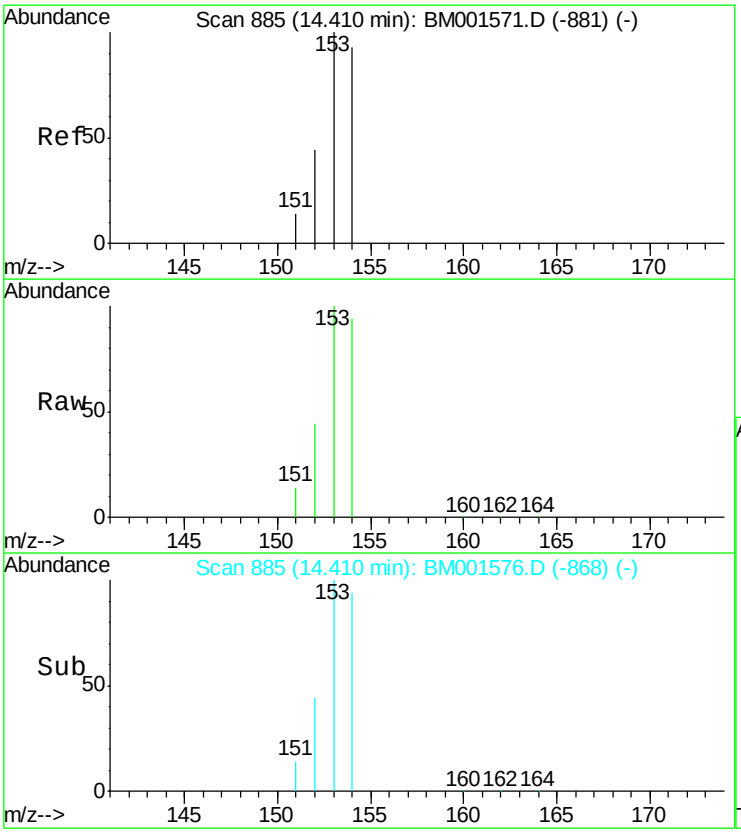
#15
Acenaphthylene
Concen: 5.10 ng
RT: 14.06 min Scan# 856
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 107183

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.2	22.8
153	12.9	10.3	15.5

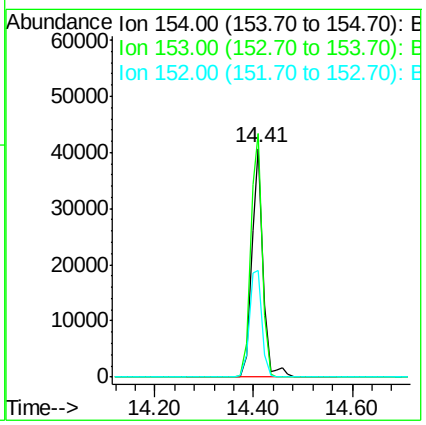


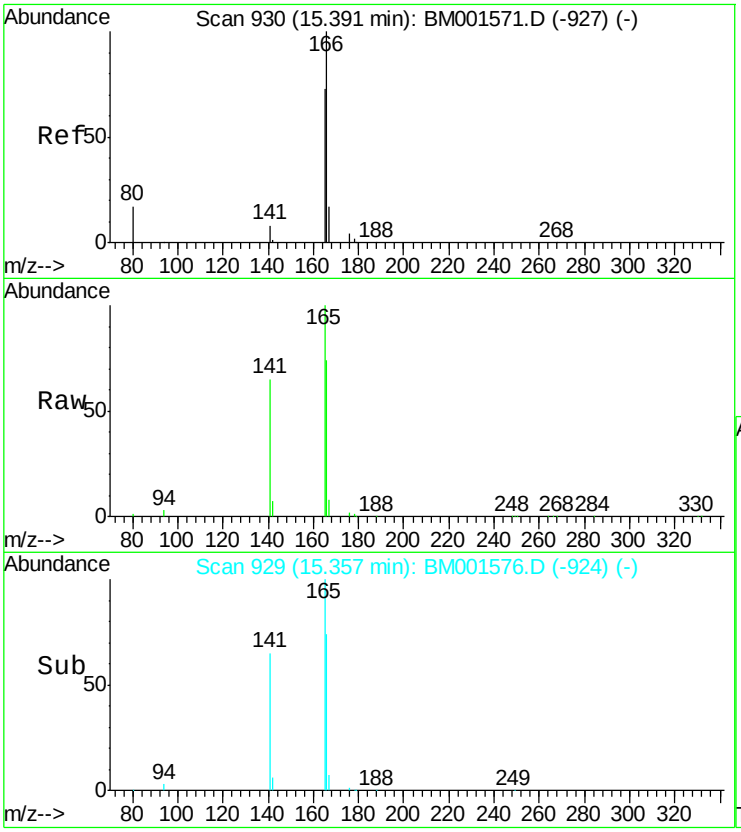


#16
Acenaphthene
Concen: 5.01 ng
RT: 14.41 min Scan# 885
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Tgt Ion:154 Resp: 64011

Ion	Ratio	Lower	Upper
154	100		
153	108.0	89.1	133.7
152	51.8	43.2	64.8



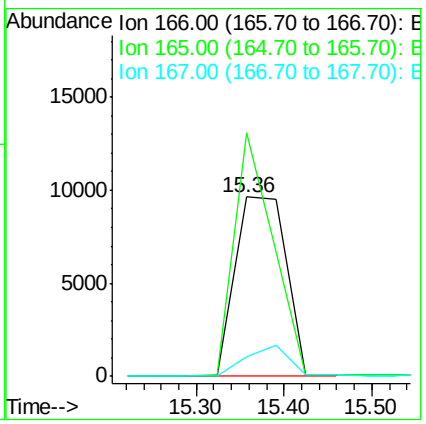


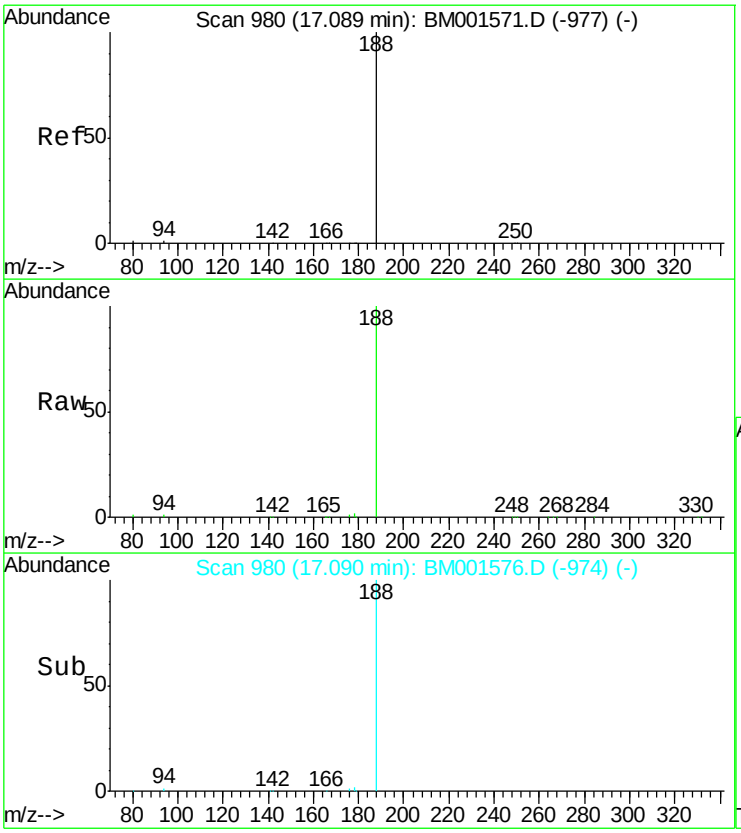
#17
Fluorene
Concen: 3.90 ng
RT: 15.36 min Scan# 929
Delta R.T. -0.03 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 39034

Ion	Ratio	Lower	Upper
166	100		
165	103.2	0.0	0.0#
167	0.0	11.3	16.9#

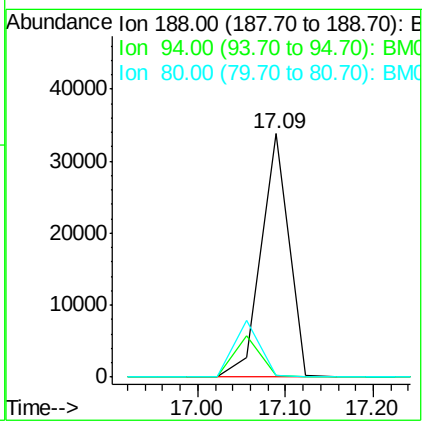


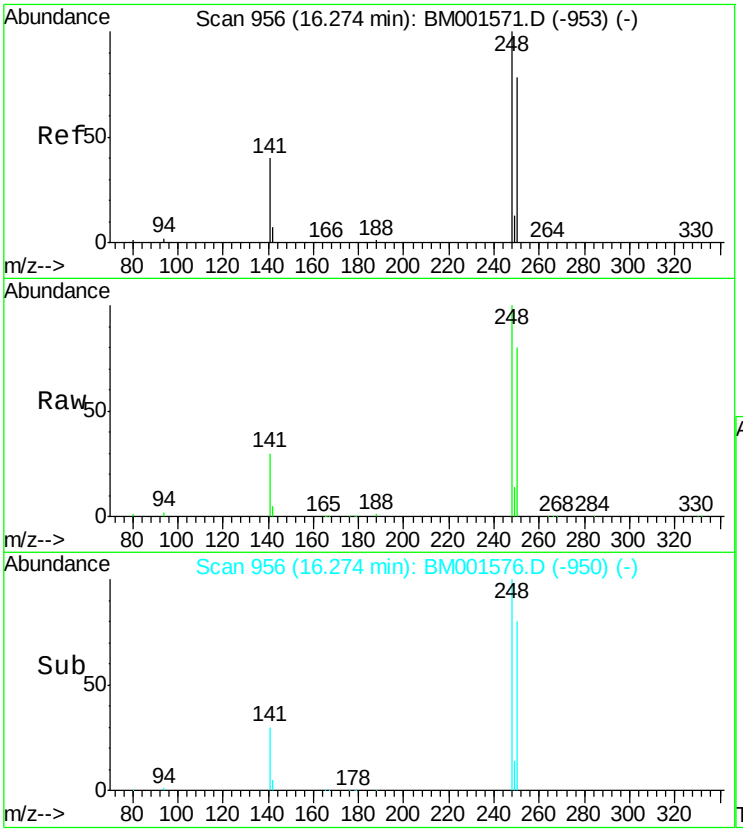


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 980
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Tgt Ion:188 Resp: 74640

Ion	Ratio	Lower	Upper
188	100		
94	0.7	0.7	1.1
80	0.6	0.6	1.0



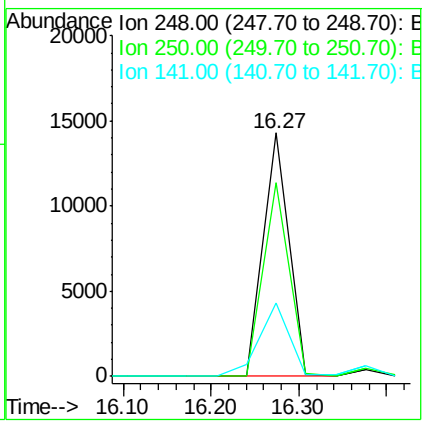


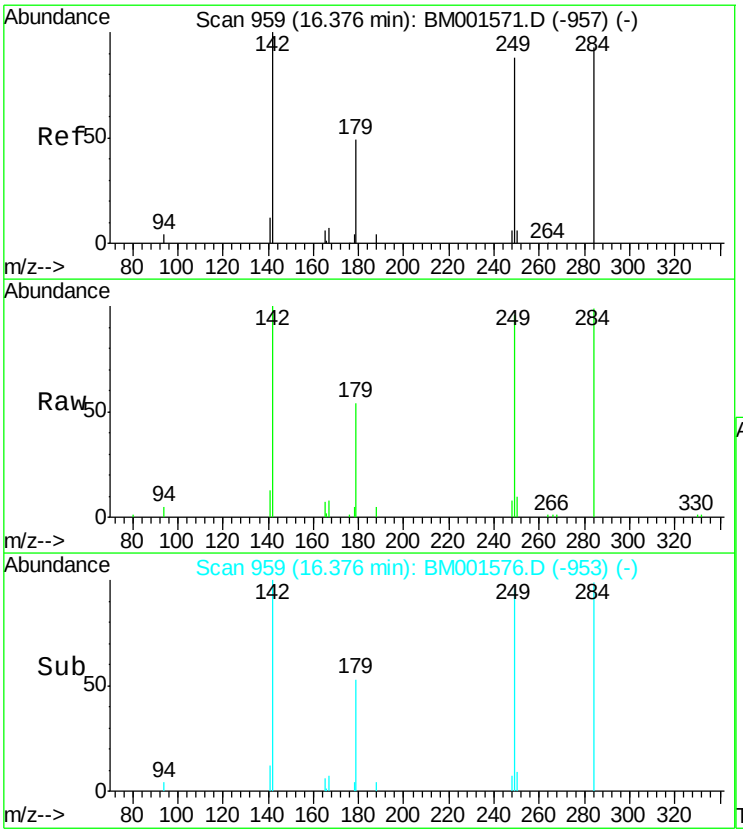
#19
4-Bromophenyl-phenylether
Concen: 9.27 ng
RT: 16.27 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 29190

Ion	Ratio	Lower	Upper
248	100		
250	80.0	63.1	94.7
141	34.6	35.0	52.6#

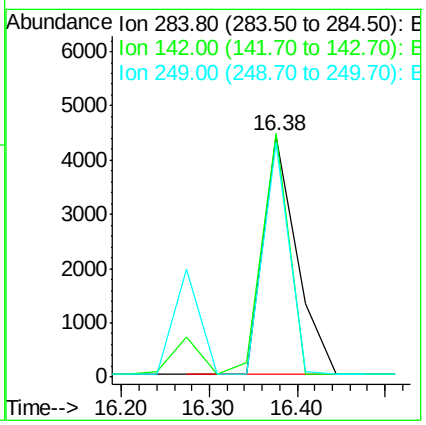


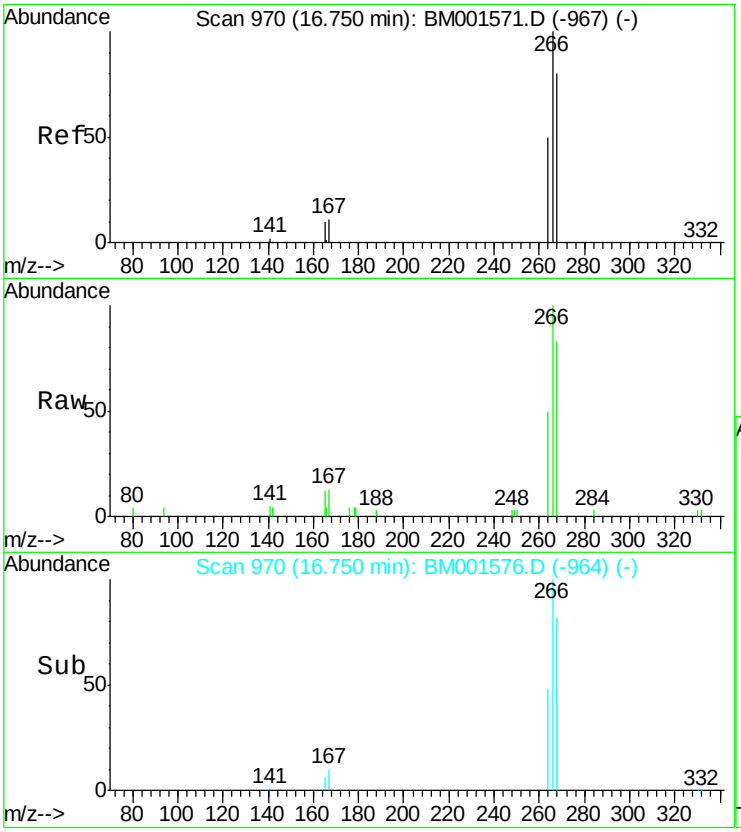


#20
Hexachlorobenzene
Concen: 7.11 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Tgt Ion:284 Resp: 11654

Ion	Ratio	Lower	Upper
284	100		
142	93.1	64.2	96.2
249	75.4	55.4	83.0



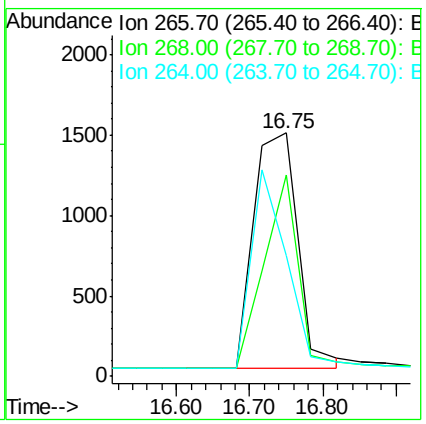


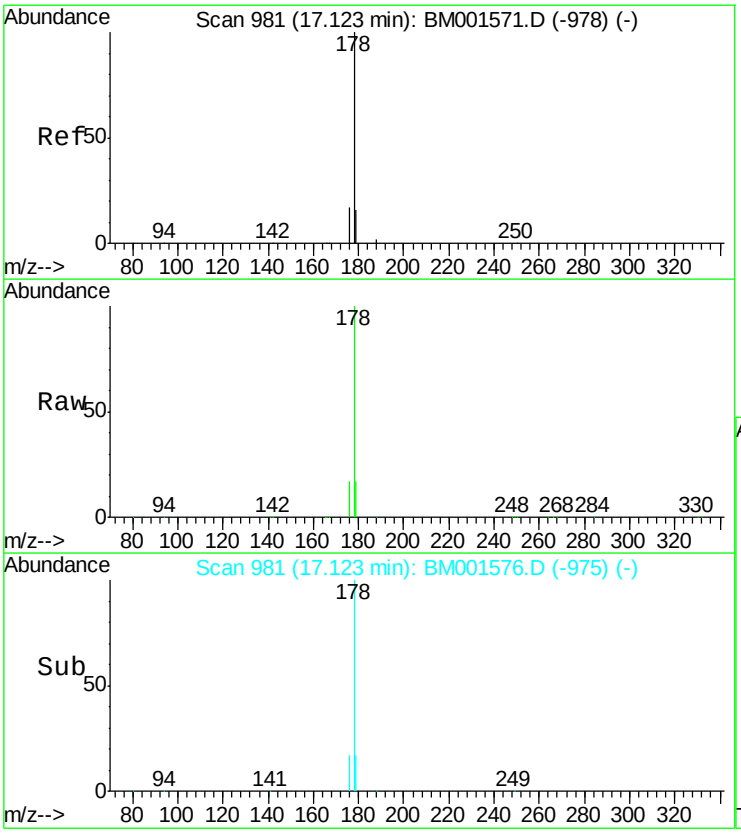
#21
Pentachlorophenol
Concen: 7.15 ng
RT: 16.75 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:266 Resp: 6196

Ion	Ratio	Lower	Upper
266	100		
268	83.0	66.3	99.5
264	49.7	45.5	68.3

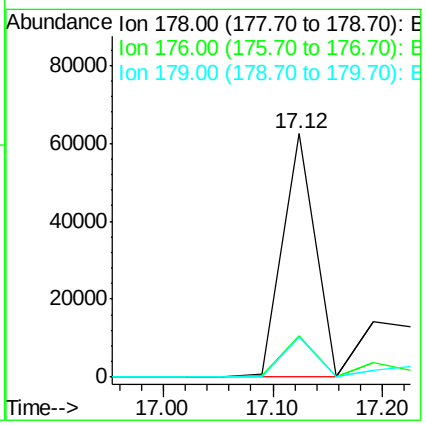


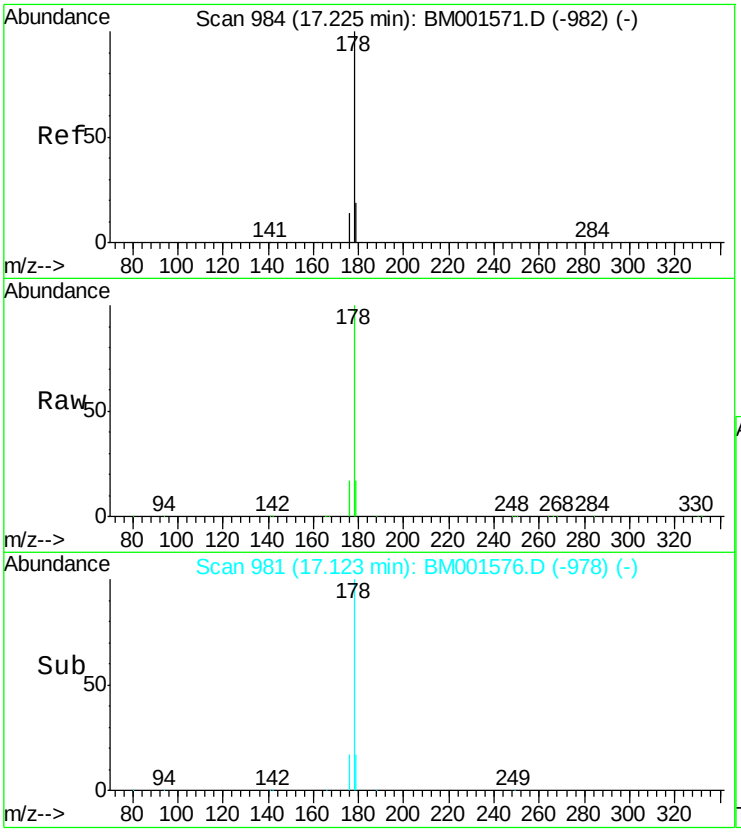


#22
Phenanthrene
Concen: 5.84 ng
RT: 17.12 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Tgt Ion:178 Resp: 129120

Ion	Ratio	Lower	Upper
178	100		
176	16.9	13.5	20.3
179	16.6	13.3	19.9



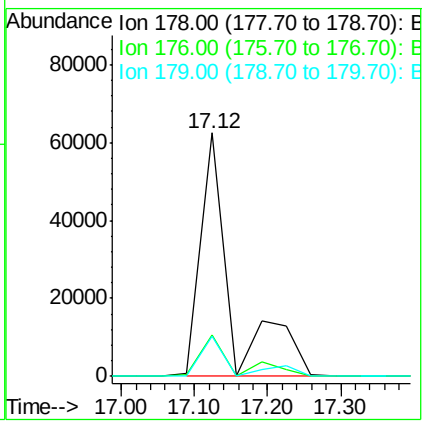


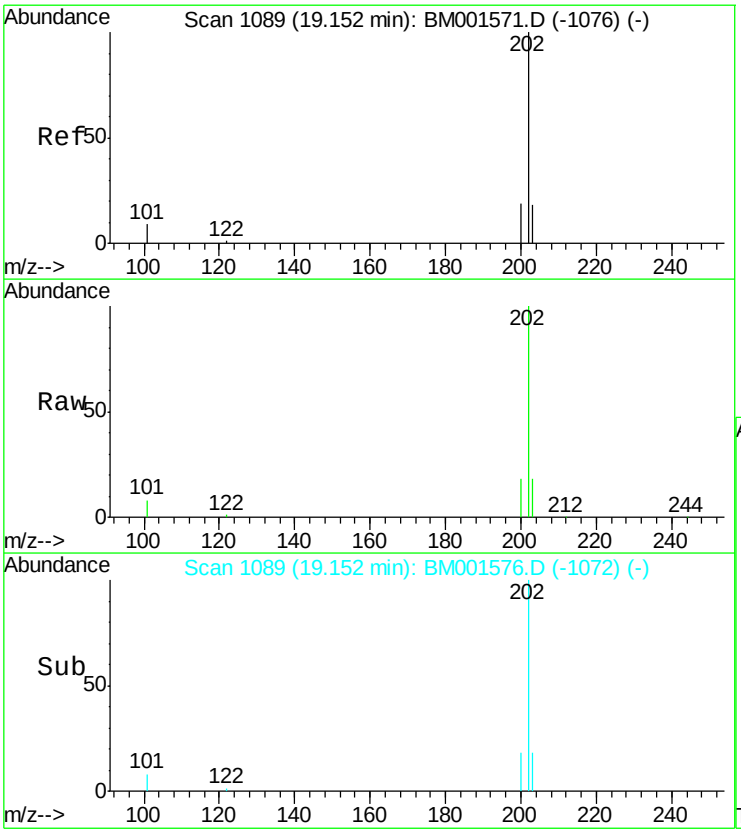
#23
Anthracene
Concen: 18.15 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.10 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 181480

Ion	Ratio	Lower	Upper
178	100		
176	17.6	45.9	68.9#
179	13.1	33.3	49.9#

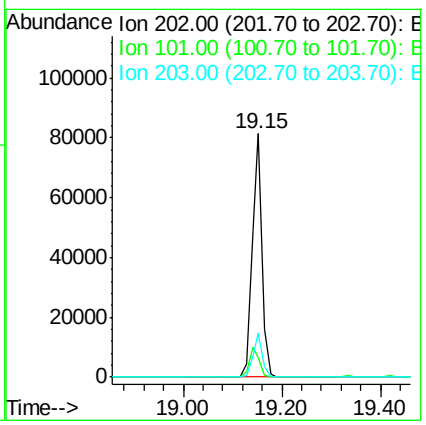


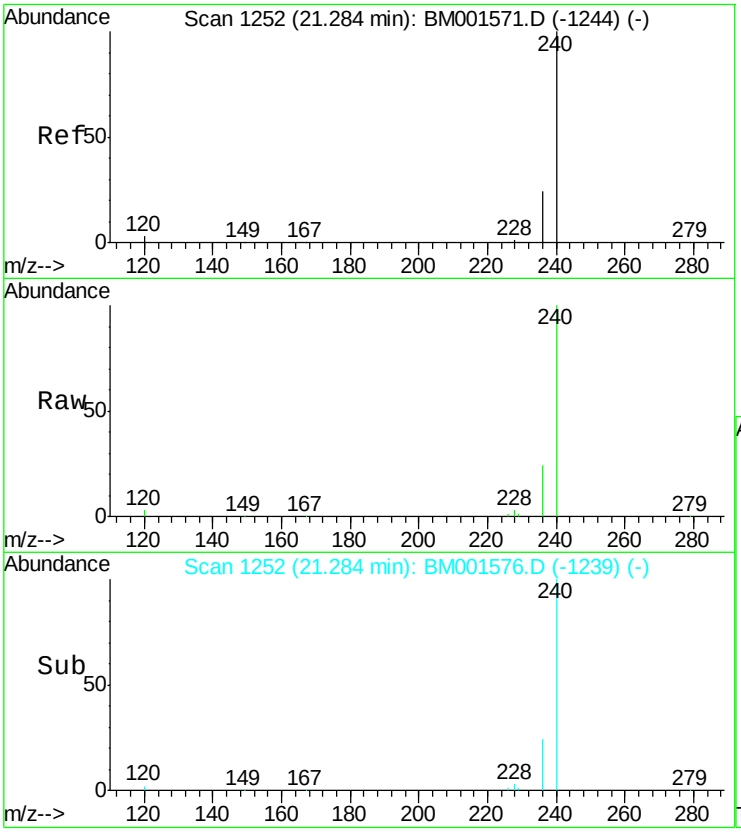


#24
Fluoranthene
Concen: 7.01 ng
RT: 19.15 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Tgt Ion:202 Resp: 110671

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.0	15.0
203	17.2	13.9	20.9



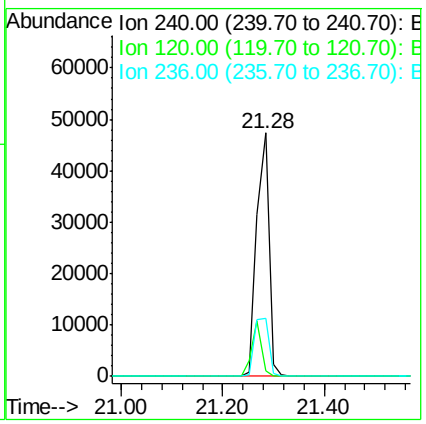


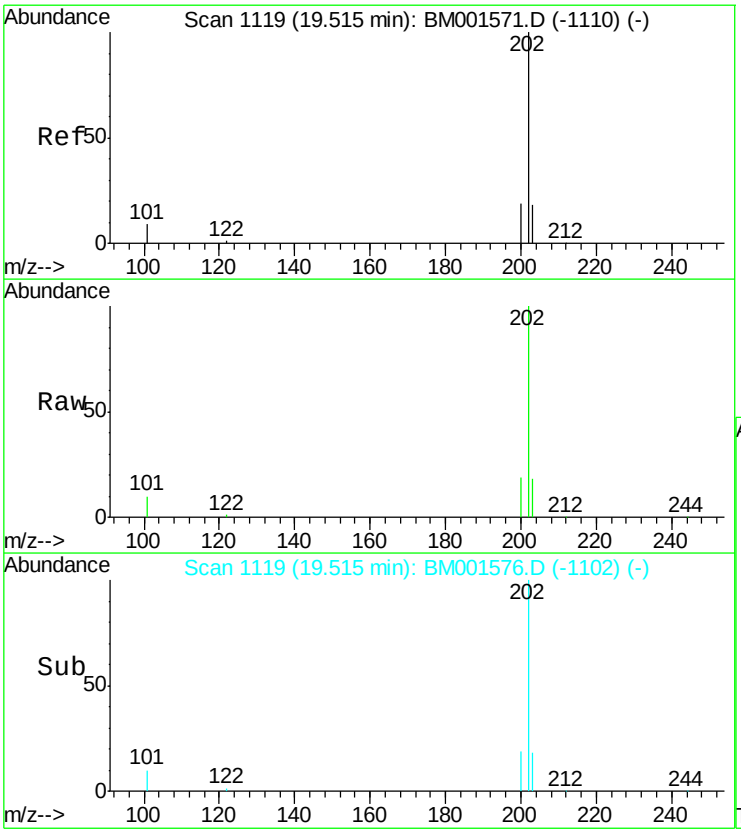
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 76206

Ion	Ratio	Lower	Upper
240	100		
120	2.5	2.2	3.2
236	24.1	19.5	29.3

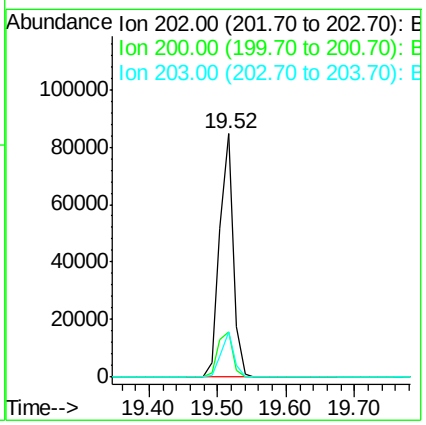


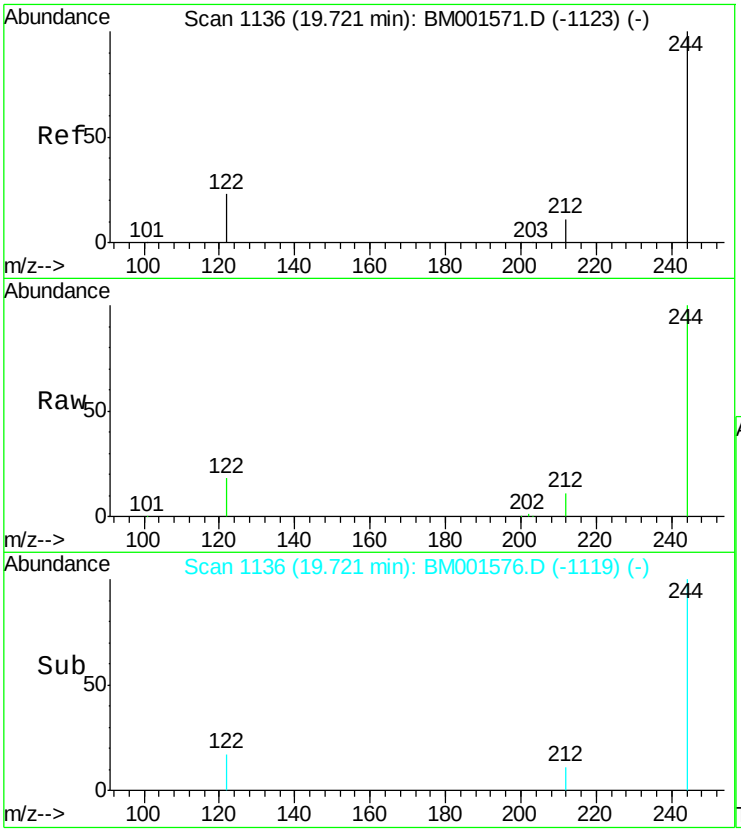


#26
Pyrene
Concen: 4.95 ng
RT: 19.52 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Tgt Ion:202 Resp: 116423

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	24.8
203	17.4	13.9	20.9



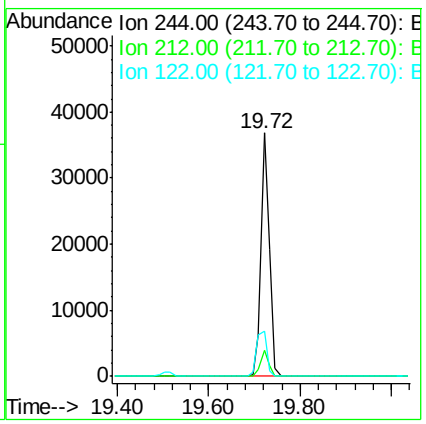


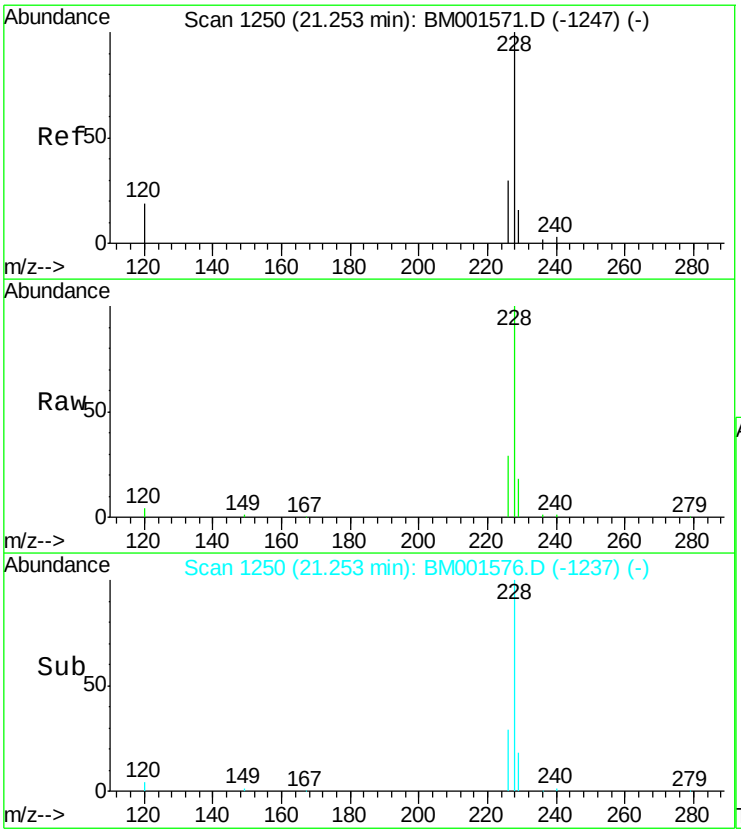
#27
Terphenyl-d14
Concen: 4.92 ng
RT: 19.72 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 46388

Ion	Ratio	Lower	Upper
244	100		
212	10.9	9.6	14.4
122	18.4	19.0	28.4#

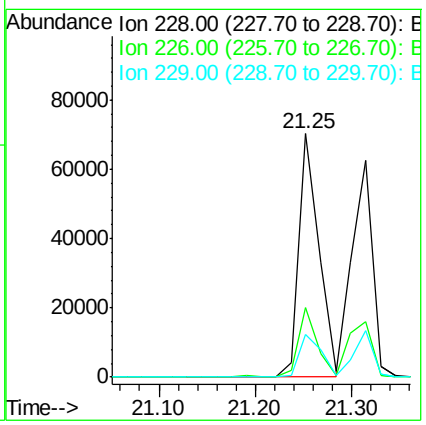


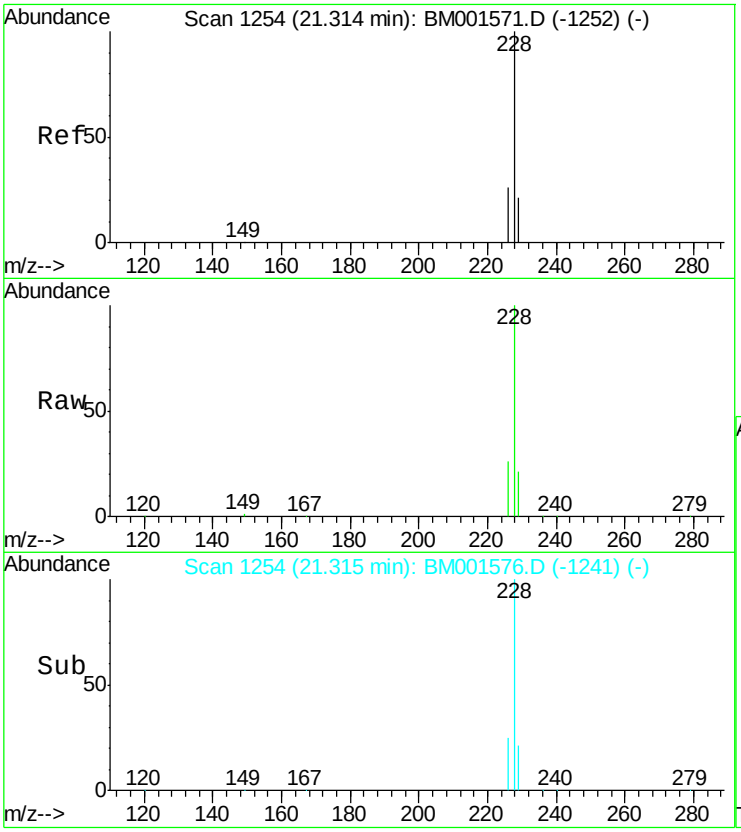


#28
Benzo(a)anthracene
Concen: 4.74 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Tgt Ion:228 Resp: 101087

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.8	37.2
229	17.6	13.4	20.0



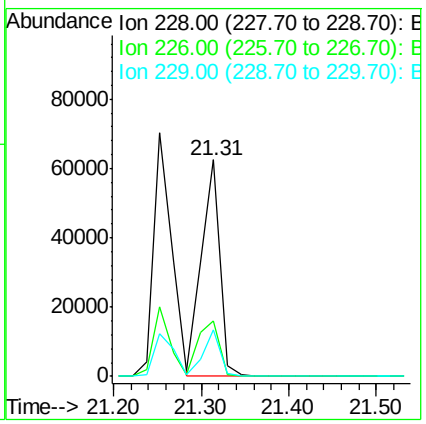


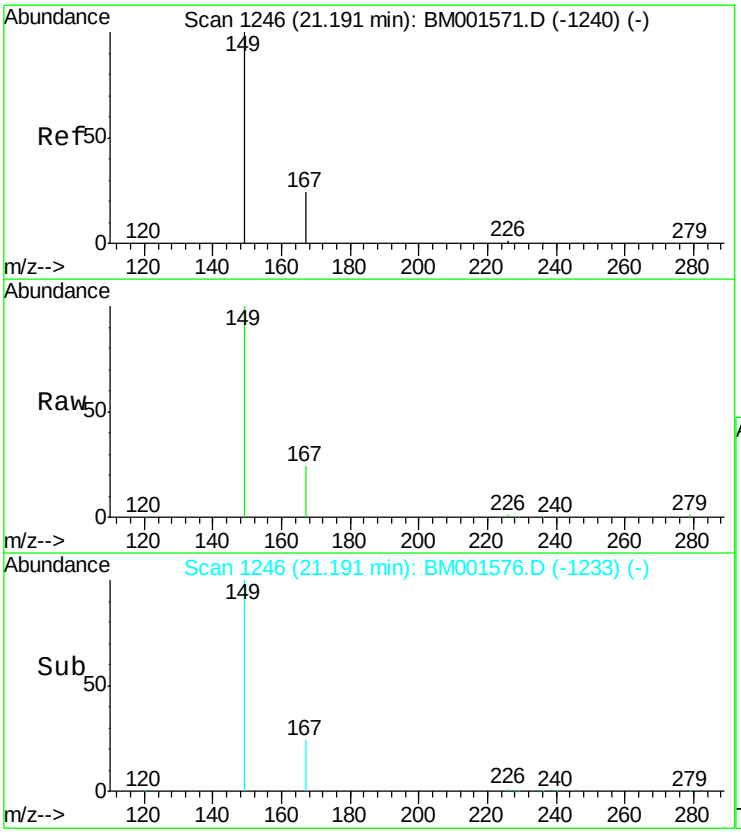
#29
Chrysene
Concen: 4.81 ng
RT: 21.31 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 92005

Ion	Ratio	Lower	Upper
228	100		
226	25.5	21.0	31.6
229	21.5	17.2	25.8

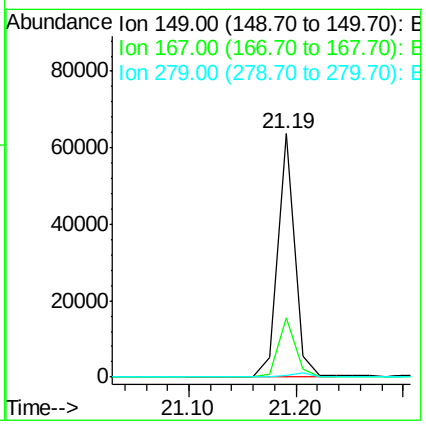


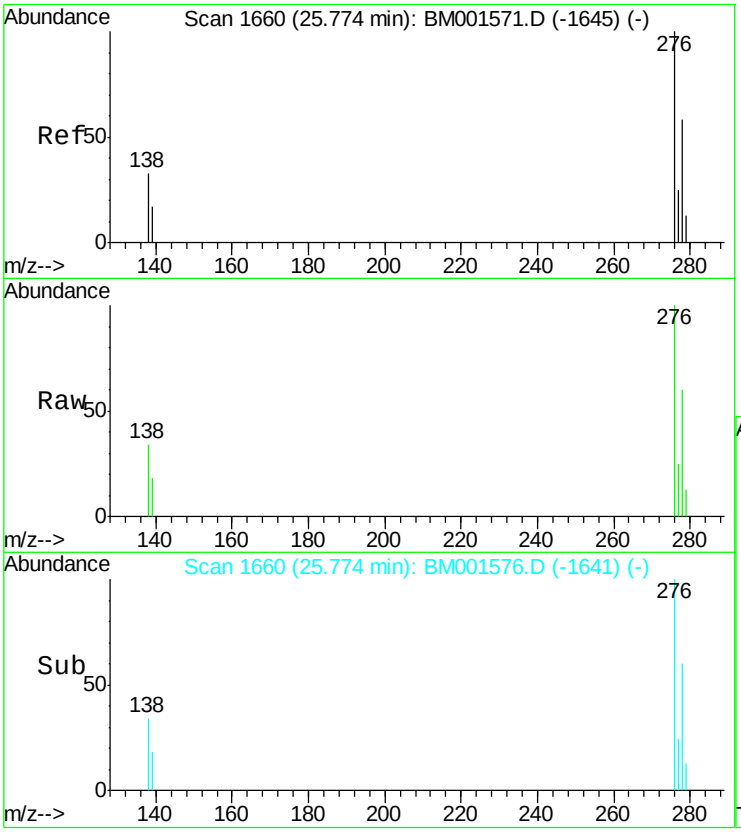


#30
Bis(2-ethylhexyl)phthalate
Concen: 4.54 ng
RT: 21.19 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Tgt Ion:149 Resp: 68619

Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.2	30.2
279	2.0	1.8	2.6



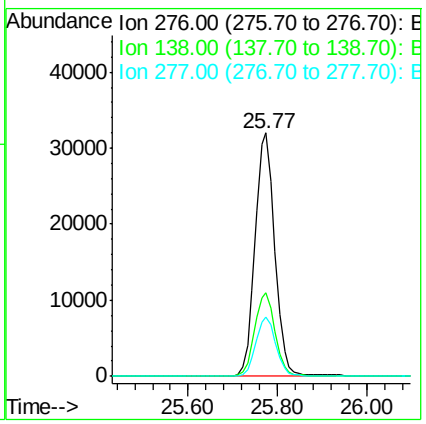


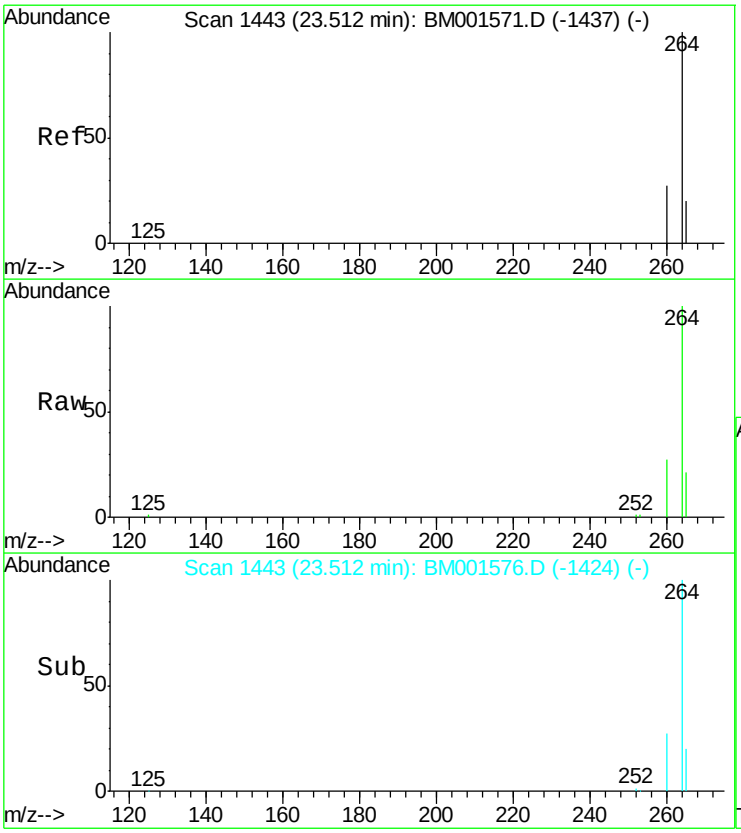
#31
Indeno(1,2,3-cd)pyrene
Concen: 4.69 ng
RT: 25.77 min Scan# 1660
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 98483

Ion	Ratio	Lower	Upper
276	100		
138	35.4	28.0	42.0
277	24.5	19.7	29.5

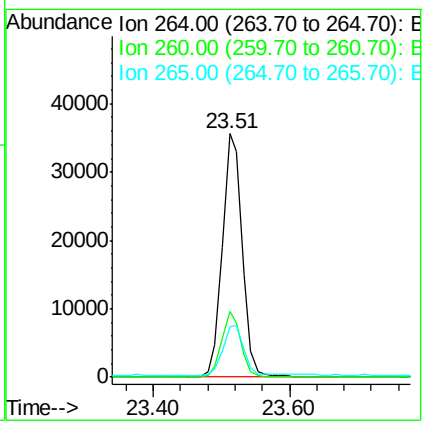


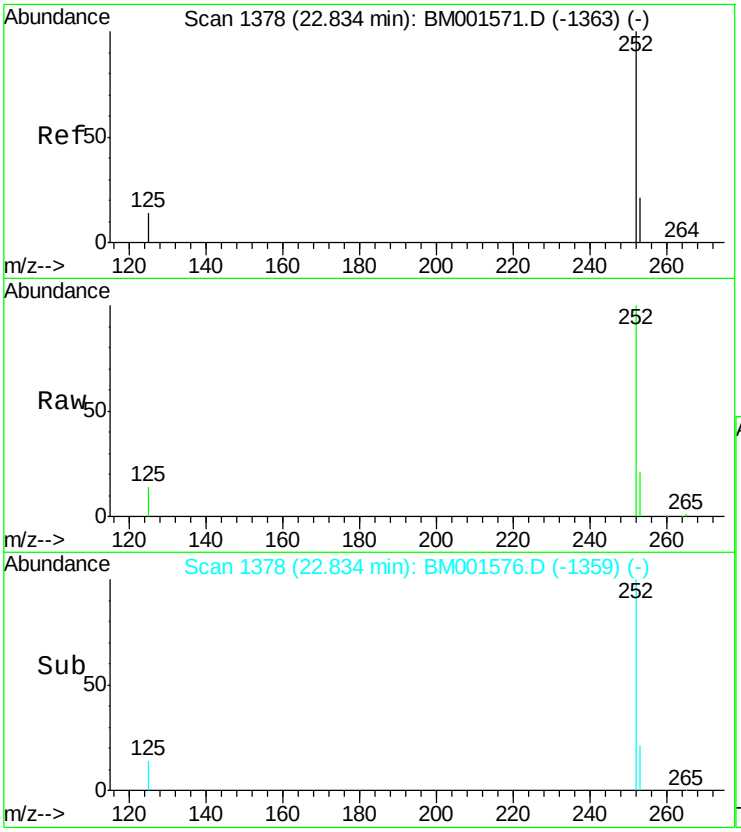


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.51 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Tgt Ion:264 Resp: 70990

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.6	32.4
265	20.9	16.5	24.7



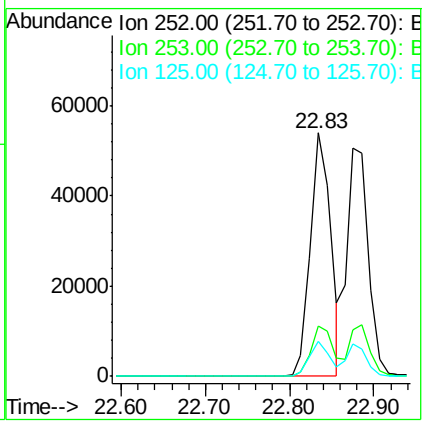


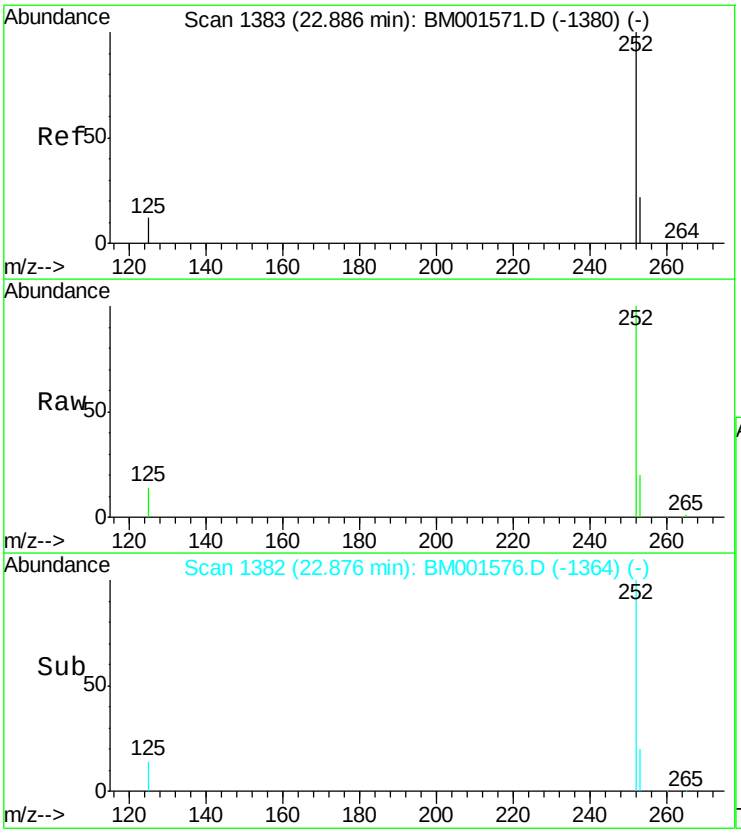
#33
Benzo(b)fluoranthene
Concen: 4.56 ng
RT: 22.83 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 89776

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.4	26.2
125	14.1	11.8	17.8

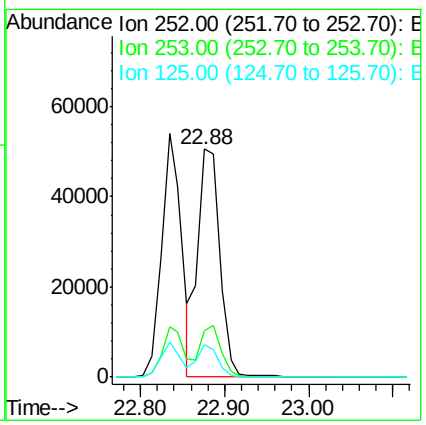


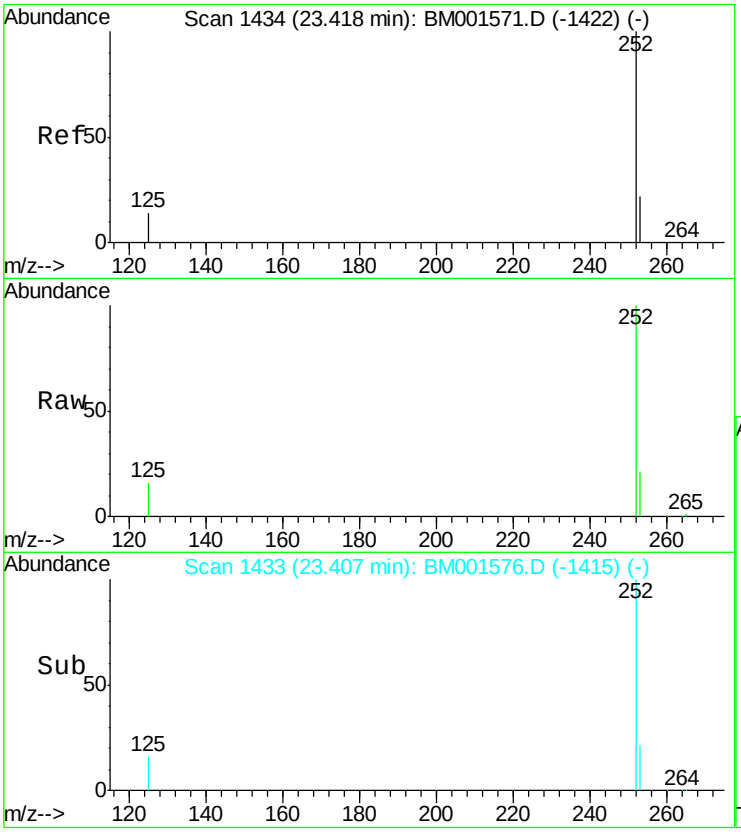


#34
Benzo(k)fluoranthene
Concen: 4.90 ng
RT: 22.88 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Tgt Ion:252 Resp: 90292

Ion	Ratio	Lower	Upper
252	100		
253	20.1	18.8	28.2
125	14.4	10.7	16.1



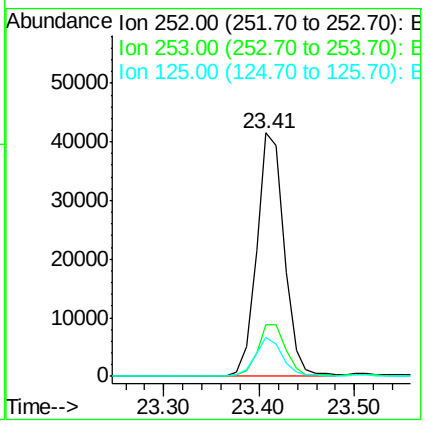


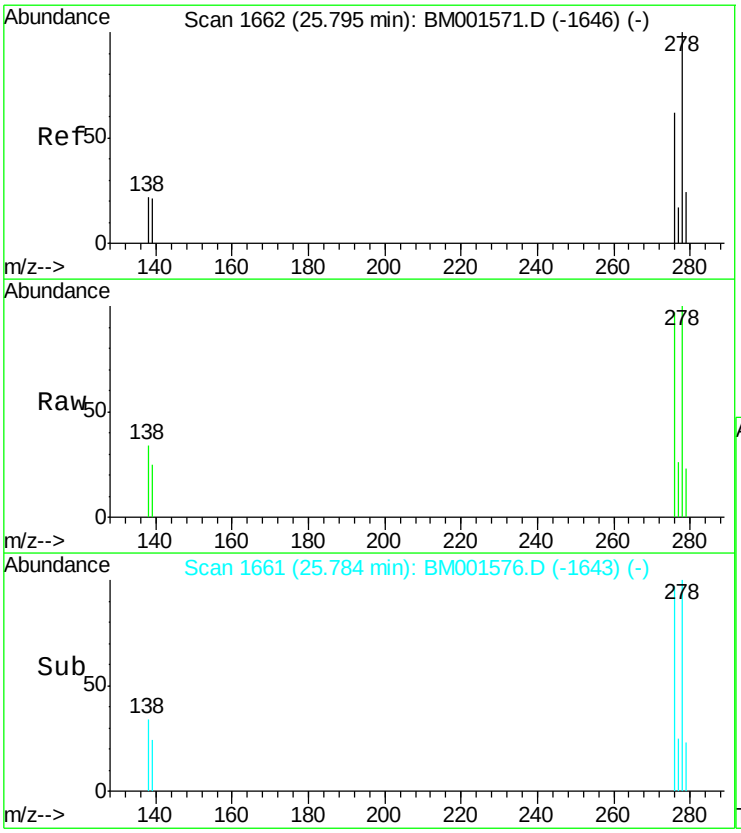
#35
Benzo(a)pyrene
Concen: 4.63 ng
RT: 23.41 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 82336

Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.8	28.2
125	15.9	12.1	18.1

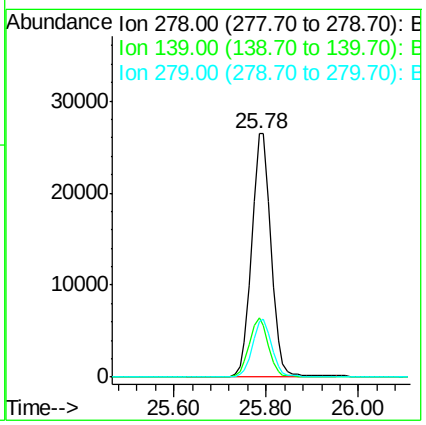


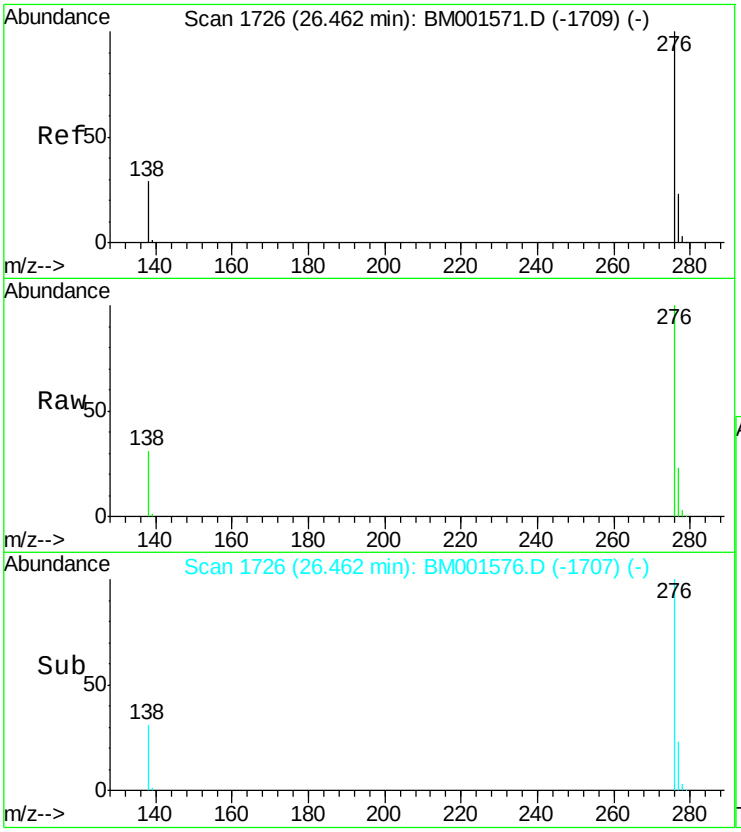


#36
Dibenzo(a,h)anthracene
Concen: 4.64 ng
RT: 25.78 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Tgt Ion:278 Resp: 76967

Ion	Ratio	Lower	Upper
278	100		
139	24.6	17.4	26.0
279	23.0	20.0	30.0





#37
Benzo(g,h,i)perylene
Concen: 4.55 ng
RT: 26.46 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BM001576.D
Acq: 06 Jun 2015 01:37

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 79443

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	30.8	23.7	35.5