Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060815\
Data File : BM001608.D
Acq On : 09 Jun 2015 06:00
Operator : TP/IZ
Sample : PB83802BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB83802BS

Quant Time: Jun 09 18:14:52 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 17:36:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	21512	5.00	ng		0.00
6) Naphthalene-d8	10.47	136	76779	5.00	ng		0.00
12) Acenaphthene-d10	14.35	164	35867	5.00	ng		0.00
18) Phenanthrene-d10	17.09	188	41907	5.00	ng		0.03
25) Chrysene-d12	21.28	240	60051	5.00	ng		0.00
32) Perylene-d12	23.51	264	54181	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	48881	9.99	ng		-0.02
5) Phenol-d6	6.84	99	62172	10.34	ng		-0.02
7) Nitrobenzene-d5	8.85	82	57263	10.58	ng		0.00
13) 2,4,6-Tribromophenol	15.83	330	18874	10.92	ng		0.00
14) 2-Fluorobiphenyl	12.96	172	108306	9.28	ng		0.00
27) Terphenyl-d14	19.72	244	75387	9.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	19839	8.38	ng		94
3) n-Nitrosodimethylamine	3.51	42	34092	10.07	ng		97
8) Nitrobenzene	8.89	77	62835	10.82	ng		98
9) Naphthalene	10.52	128	163826	9.53	ng		98
10) Hexachlorobutadiene	10.82	225	27886	9.42	ng		100
11) 2-Methylnaphthalene	12.15	142	102798	9.76	ng		97
15) Acenaphthylene	14.06	152	168990	10.50	ng		100
16) Acenaphthene	14.41	154	99122	9.79	ng		96
17) Fluorene	15.36	166	67629	9.86	ng		97
19) 4-Bromophenyl-phenylether	16.27	248	44506	11.20	ng	#	74
20) Hexachlorobenzene	16.38	284	25881	11.91	ng	#	70
21) Pentachlorophenol	16.72	266	10801	14.85	ng		91
22) Phenanthrene	17.12	178	256709	17.15	ng		96
23) Anthracene	17.12	178	248245	27.97	ng	#	79
24) Fluoranthene	19.14	202	180886	11.16	ng		100
26) Pyrene	19.52	202	191243	9.83	ng		99
28) Benzo(a)anthracene	21.25	228	172422	9.83	ng		96
29) Chrysene	21.31	228	155112	9.36	ng		98
30) Bis(2-ethylhexyl)phthalate	21.19	149	114024	11.25	ng		98
31) Indeno(1,2,3-cd)pyrene	25.76	276	162899	9.67	ng		99
33) Benzo(b)fluoranthene	22.83	252	158849	9.75	ng		98
34) Benzo(k)fluoranthene	22.88	252	152557	9.71	ng		97
35) Benzo(a)pyrene	23.41	252	142031	9.87	ng		96
36) Dibenzo(a,h)anthracene	25.78	278	126681	9.63	ng		96
37) Benzo(g,h,i)perylene	26.46	276	131599	9.28	ng		99

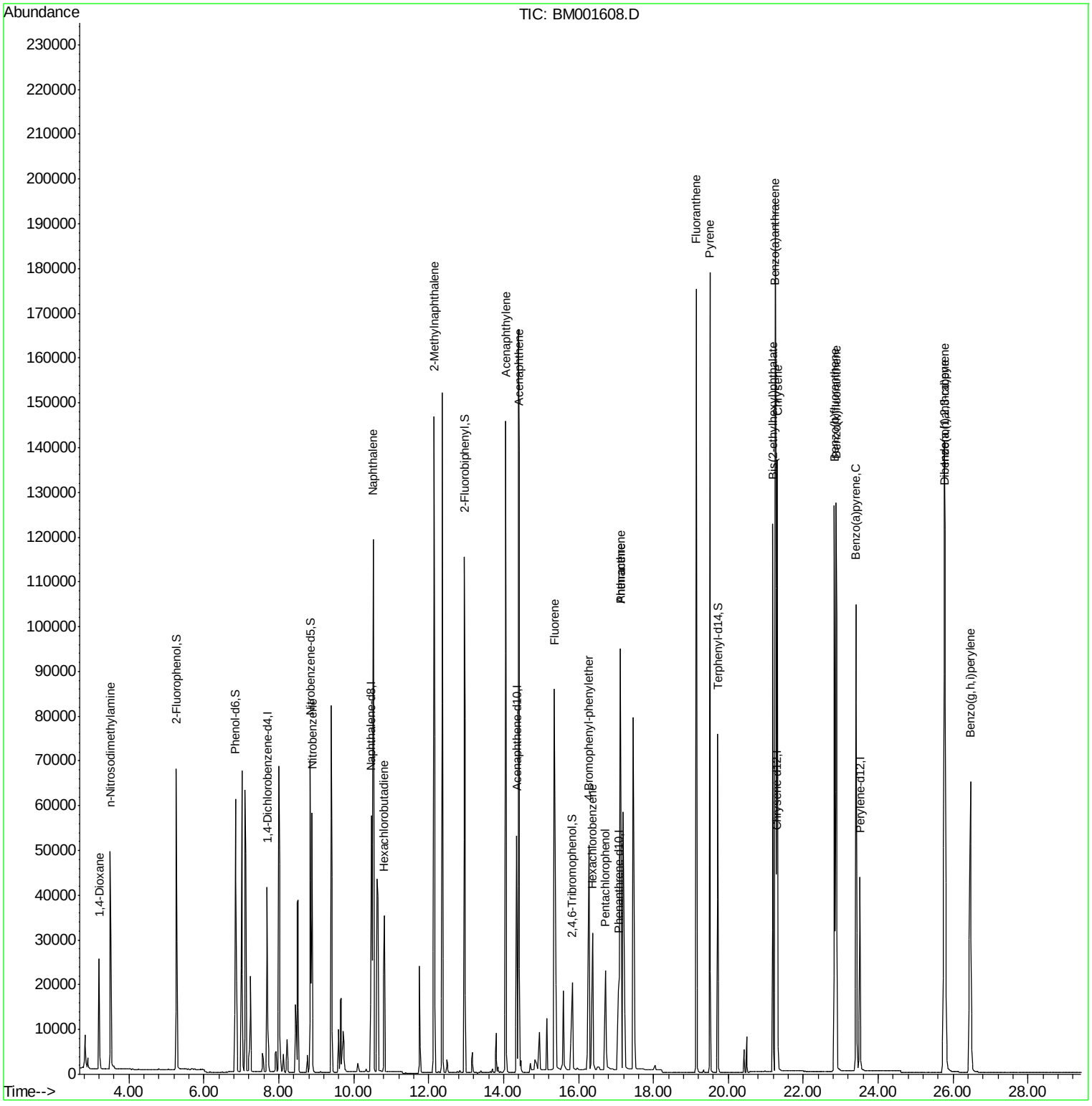
(#) = qualifier out of range (m) = manual integration (+) = signals summed

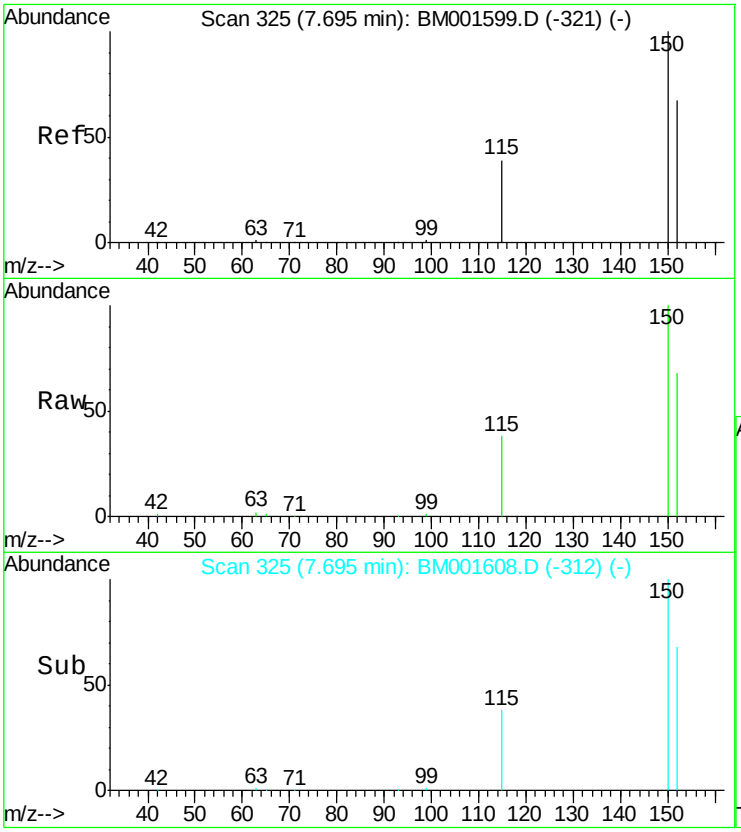
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060815\
Data File : BM001608.D
Acq On : 09 Jun 2015 06:00
Operator : TP/IZ
Sample : PB83802BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Quant Time: Jun 09 18:14:52 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 17:36:38 2015
Response via : Initial Calibration



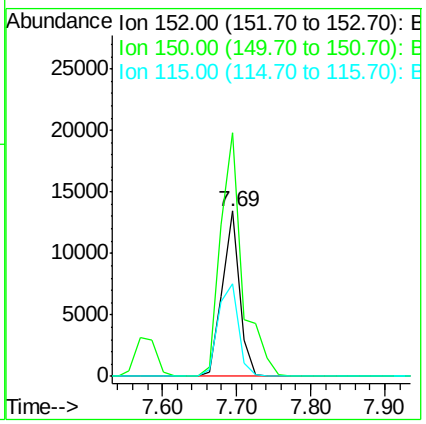


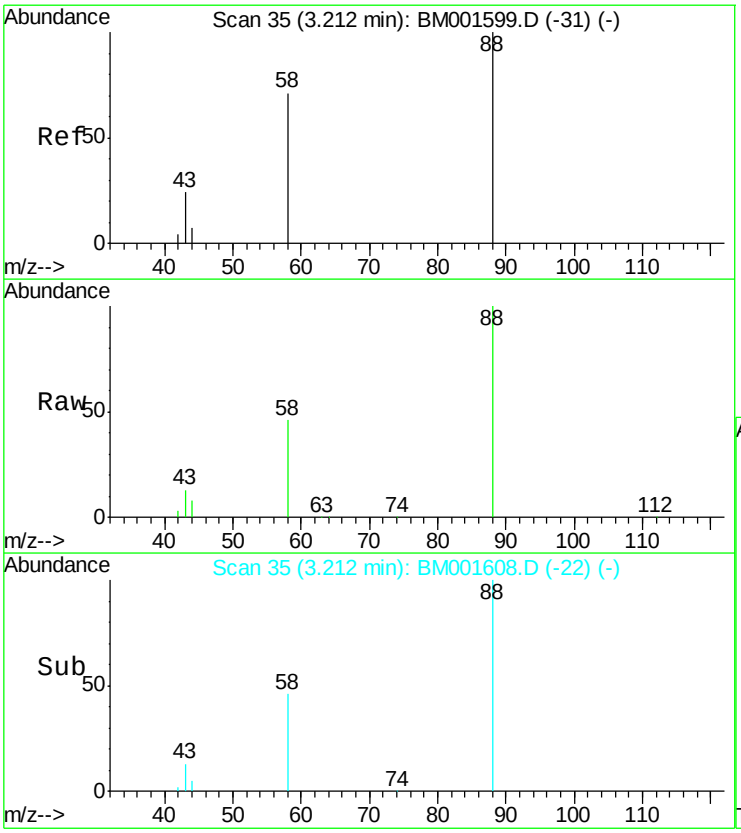
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 325
Delta R.T. 0.00 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:152 Resp: 21512

Ion	Ratio	Lower	Upper
152	100		
150	147.4	120.1	180.1
115	56.1	47.0	70.6

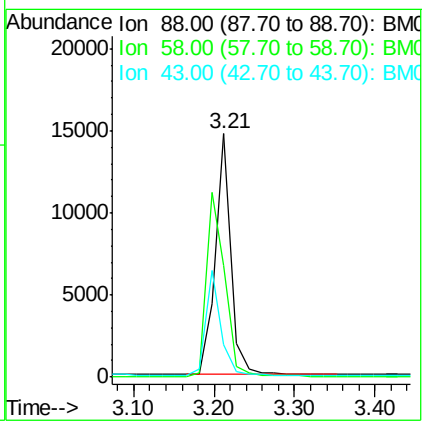


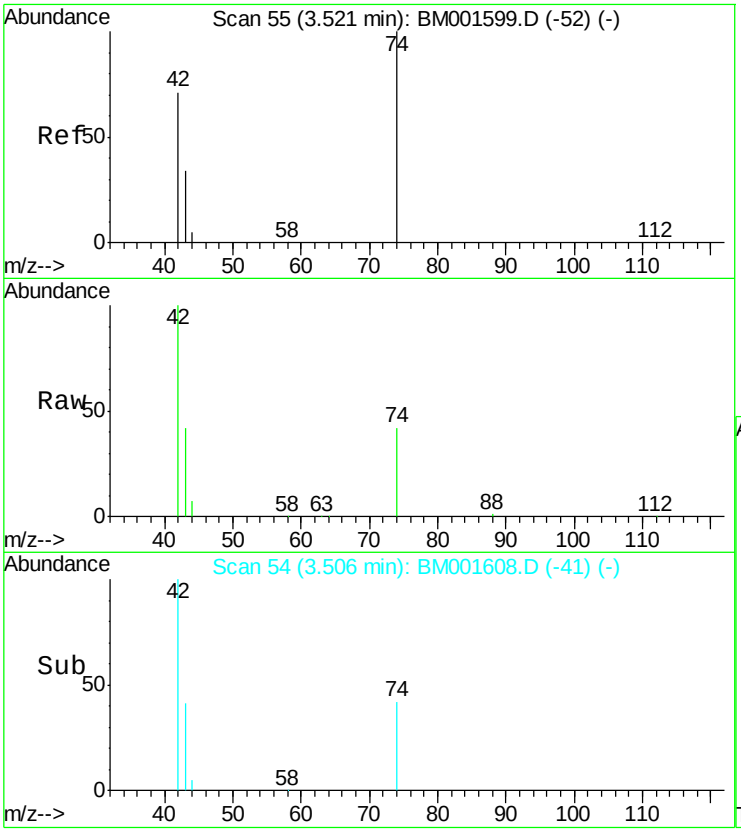


#2
1,4-Dioxane
Concen: 8.38 ng
RT: 3.21 min Scan# 35
Delta R.T. 0.00 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Tgt Ion: 88 Resp: 19839

Ion	Ratio	Lower	Upper
88	100		
58	89.4	65.5	98.3
43	41.7	32.2	48.2



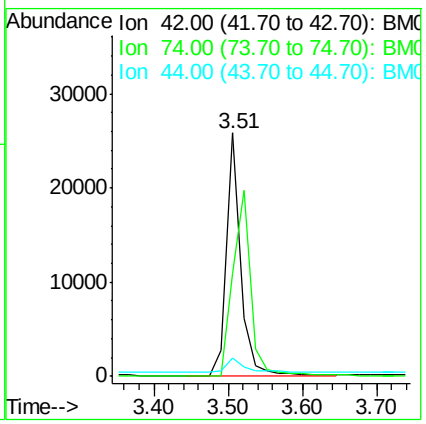


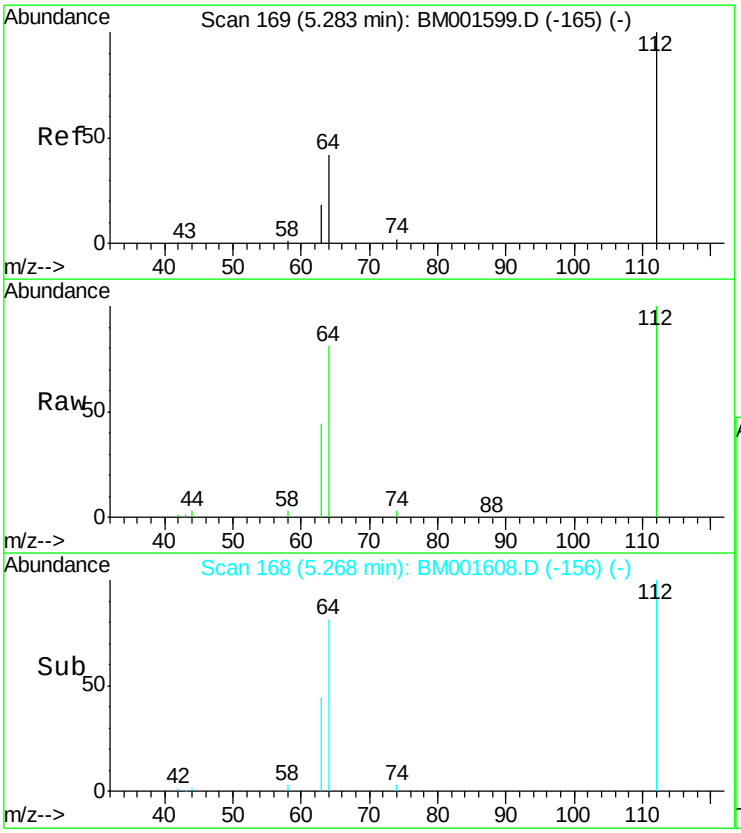
#3
n-Nitrosodimethylamine
Concen: 10.07 ng
RT: 3.51 min Scan# 54
Delta R.T. 0.00 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion: 42 Resp: 34092

Ion	Ratio	Lower	Upper
42	100		
74	96.0	79.5	119.3
44	6.0	5.7	8.5

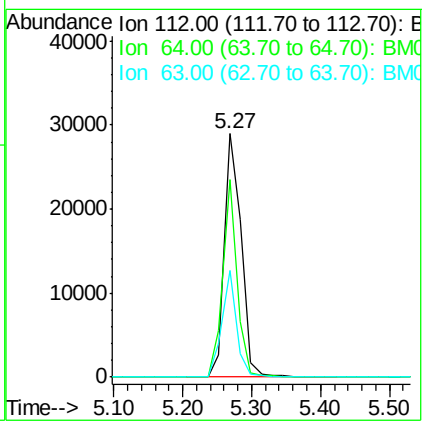


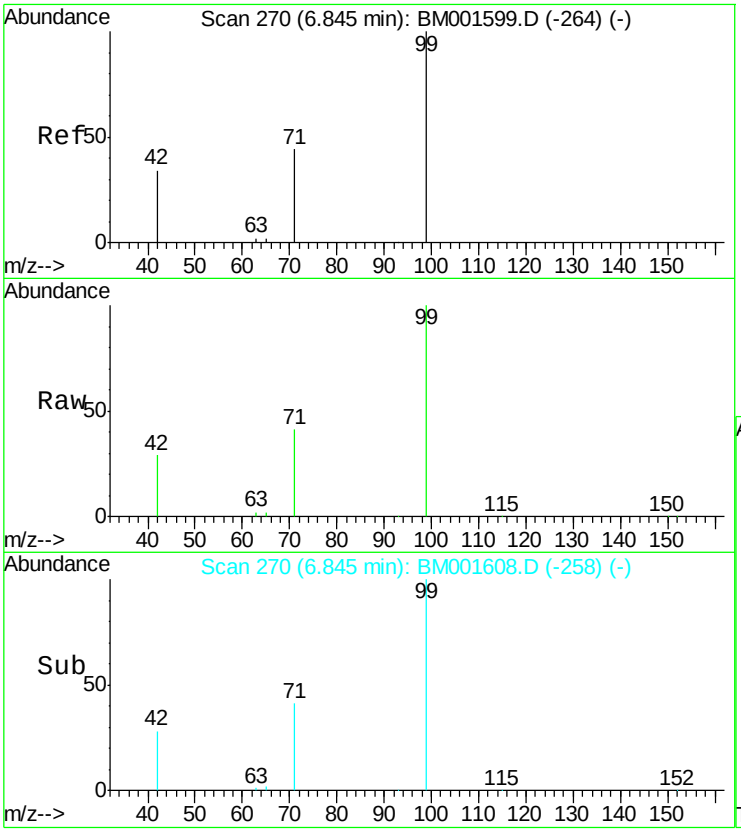


#4
2-Fluorophenol
Concen: 9.99 ng
RT: 5.27 min Scan# 168
Delta R.T. -0.02 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Tgt Ion:112 Resp: 48881

Ion	Ratio	Lower	Upper
112	100		
64	69.1	54.8	82.2
63	37.8	30.5	45.7



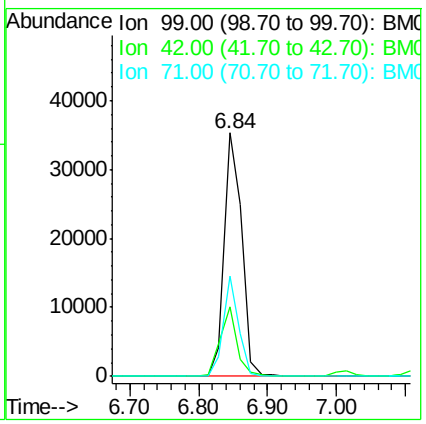


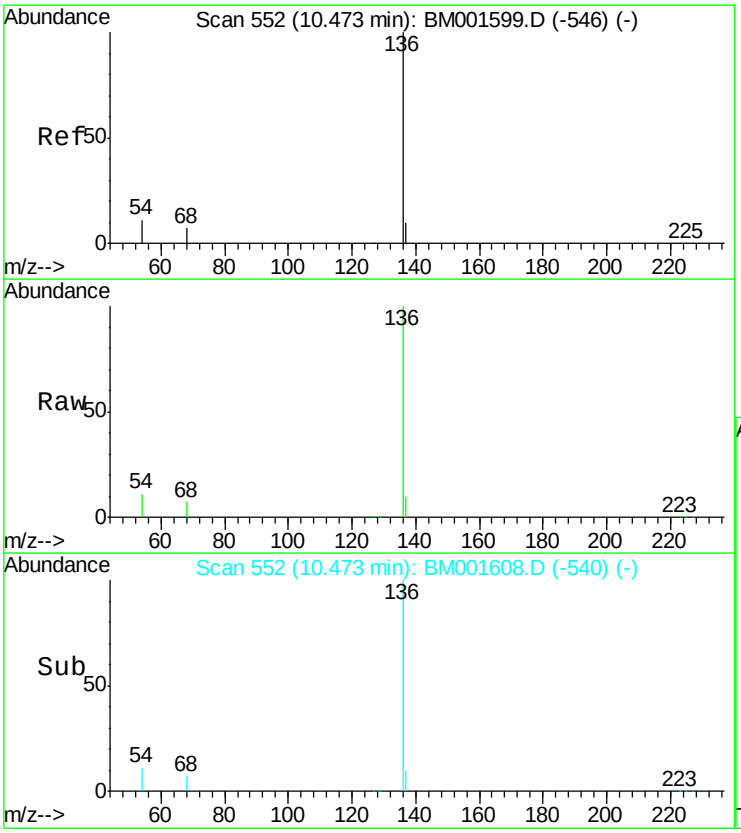
#5
Phenol-d6
Concen: 10.34 ng
RT: 6.84 min Scan# 270
Delta R.T. -0.02 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion: 99 Resp: 62172

Ion	Ratio	Lower	Upper
99	100		
42	26.8	21.6	32.4
71	36.0	28.7	43.1

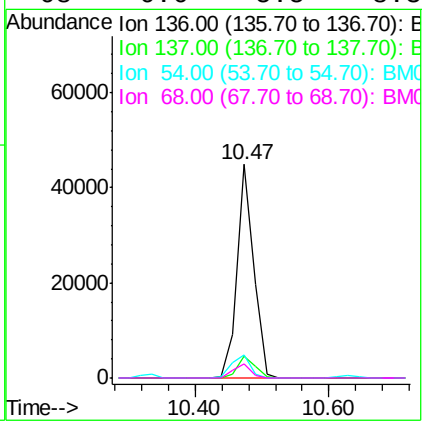


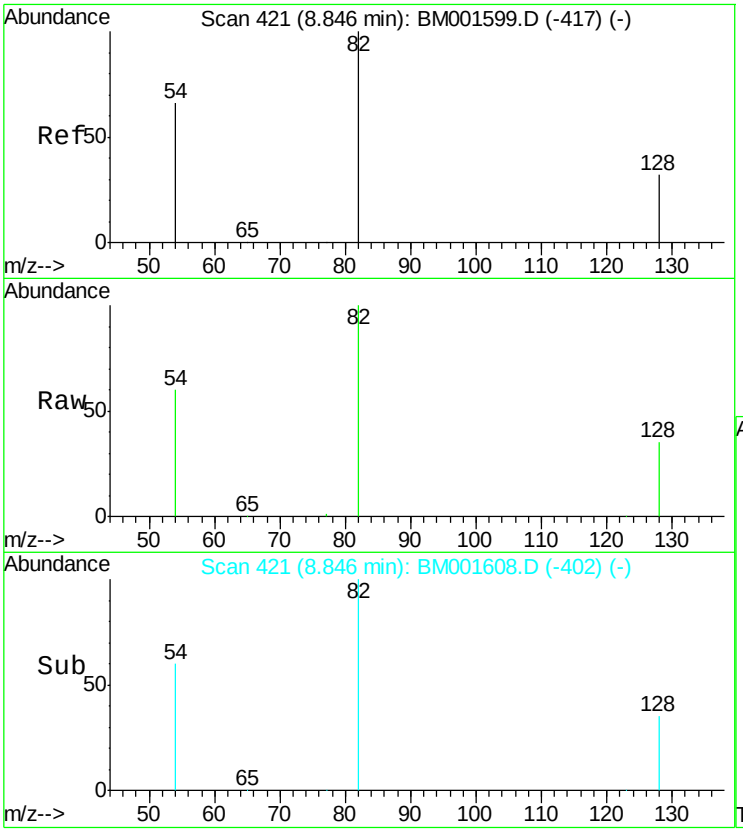


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.47 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Tgt Ion:136 Resp: 76779

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.3	12.5
54	11.0	9.2	13.8
68	6.6	5.5	8.3



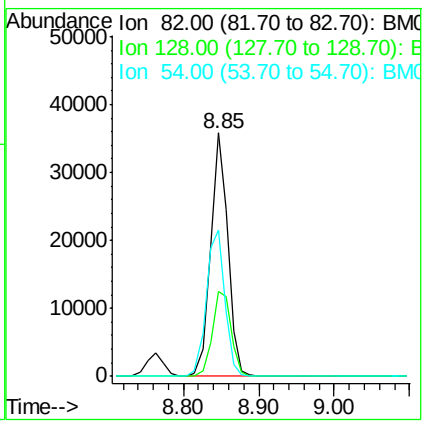


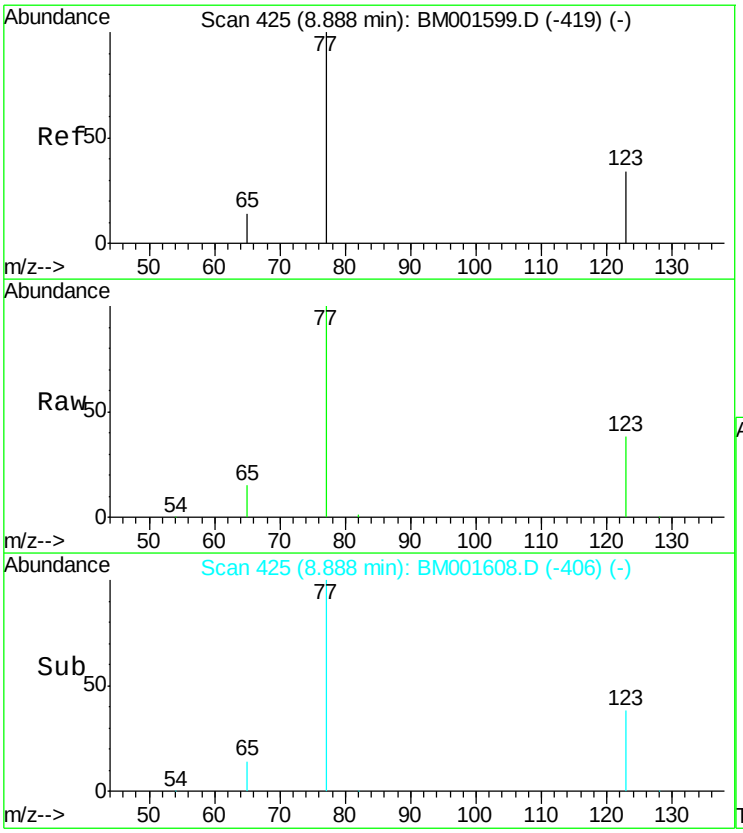
#7
Nitrobenzene-d5
Concen: 10.58 ng
RT: 8.85 min Scan# 421
Delta R.T. 0.00 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion: 82 Resp: 57263

Ion	Ratio	Lower	Upper
82	100		
128	34.9	26.6	40.0
54	59.9	53.0	79.6

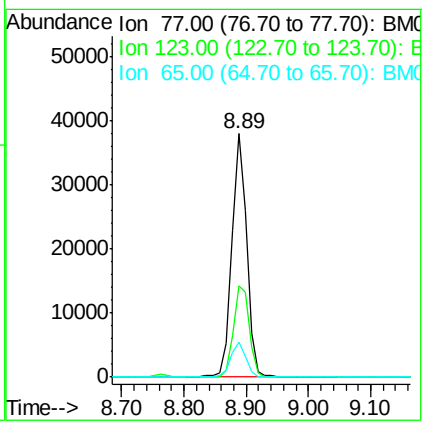


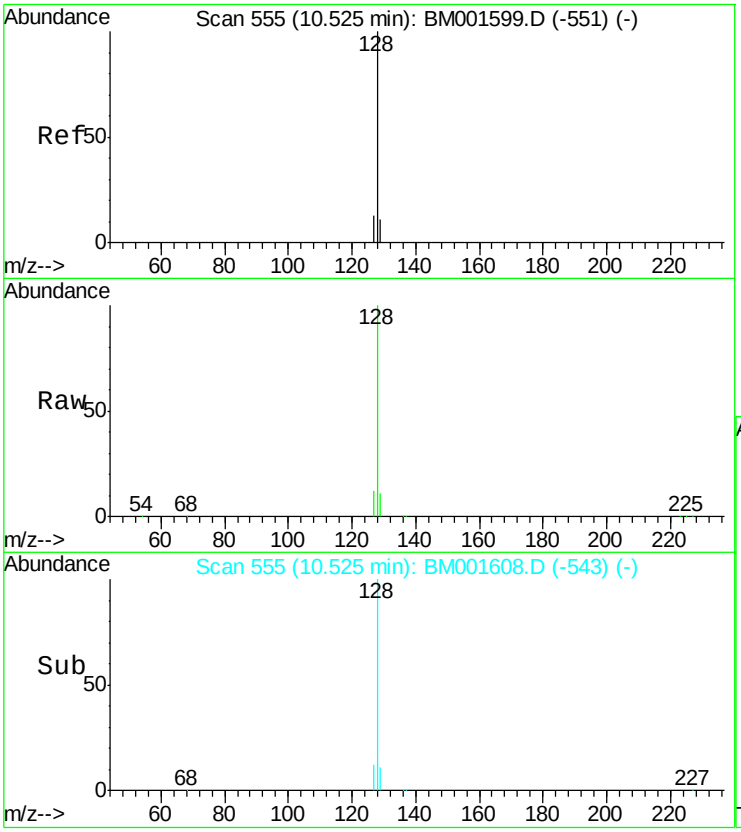


#8
Nitrobenzene
Concen: 10.82 ng
RT: 8.89 min Scan# 425
Delta R.T. 0.00 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Tgt Ion: 77 Resp: 62835

Ion	Ratio	Lower	Upper
77	100		
123	40.2	31.0	46.6
65	14.5	11.4	17.0



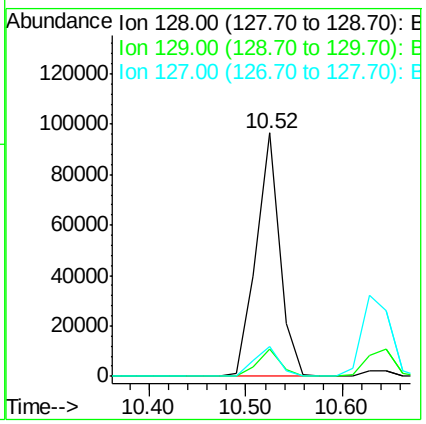


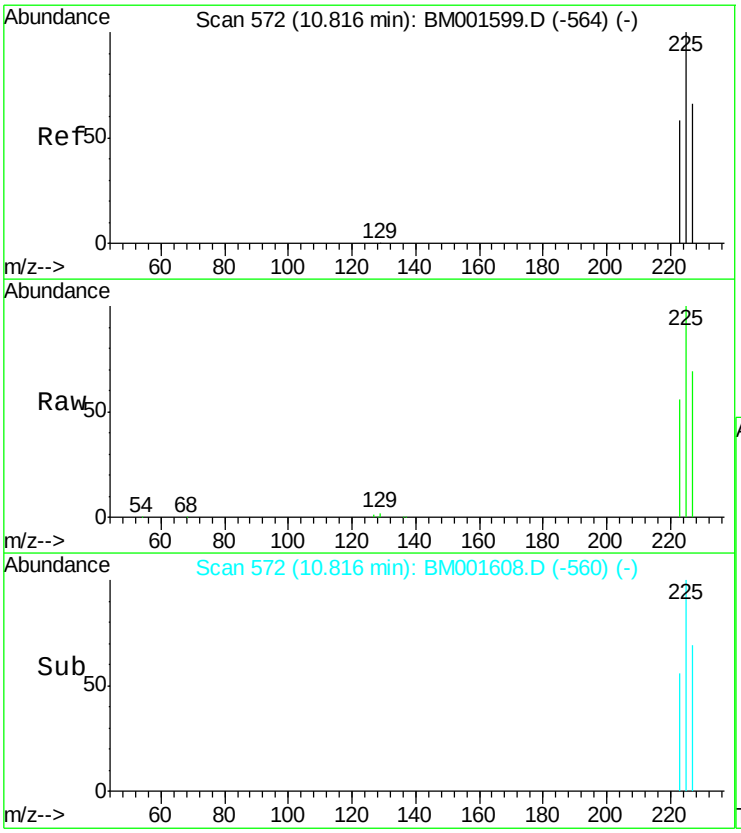
#9
Naphthalene
Concen: 9.53 ng
RT: 10.52 min Scan# 555
Delta R.T. 0.00 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:128 Resp: 163826

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	12.1	10.4	15.6

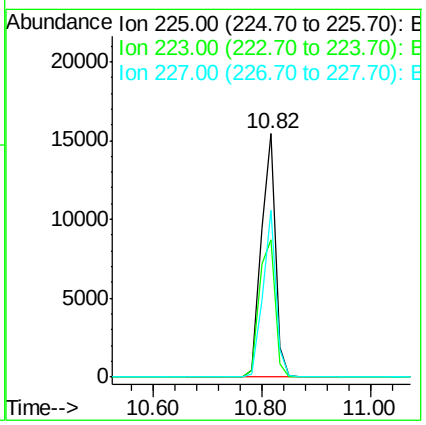


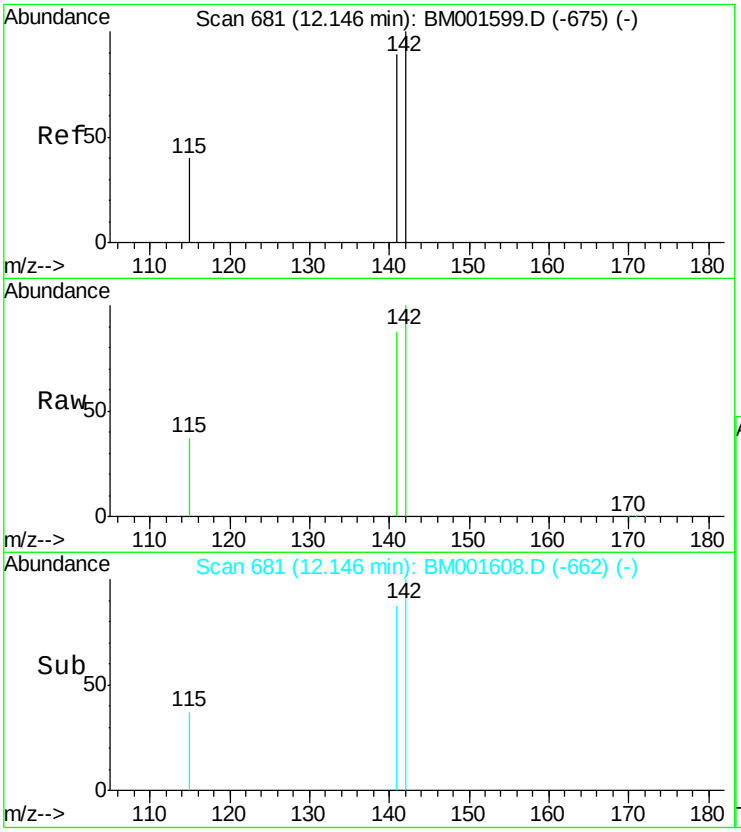


#10
Hexachlorobutadiene
Concen: 9.42 ng
RT: 10.82 min Scan# 572
Delta R.T. 0.00 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Tgt Ion:225 Resp: 27886

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.8
227	63.8	50.9	76.3



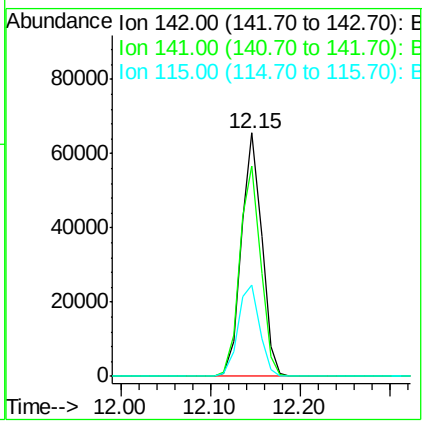


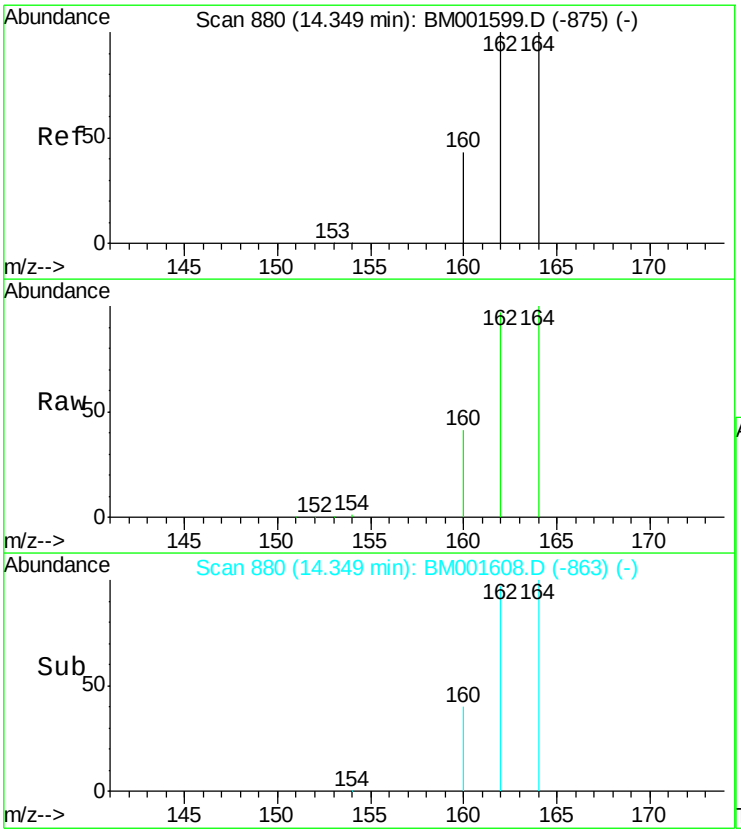
#11
2-Methylnaphthalene
Concen: 9.76 ng
RT: 12.15 min Scan# 681
Delta R.T. -0.01 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:142 Resp: 102798

Ion	Ratio	Lower	Upper
142	100		
141	86.5	71.3	106.9
115	37.3	32.1	48.1

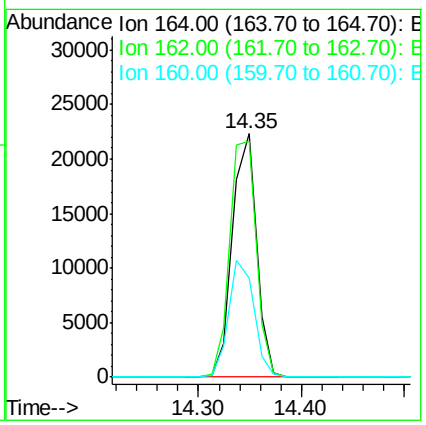


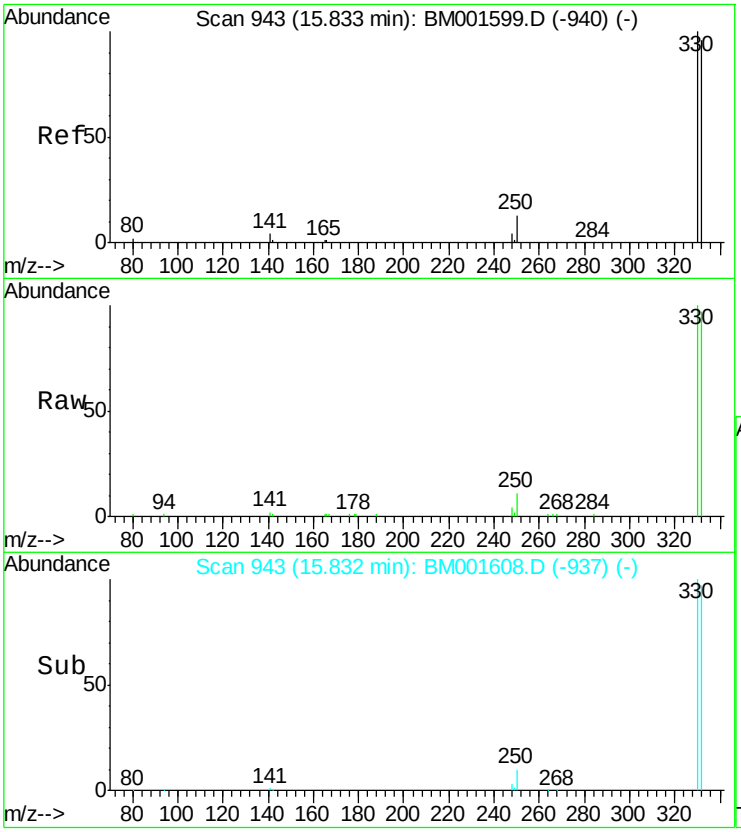


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.35 min Scan# 880
Delta R.T. 0.01 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Tgt Ion:164 Resp: 35867

Ion	Ratio	Lower	Upper
164	100		
162	96.9	79.8	119.6
160	40.6	34.6	51.8



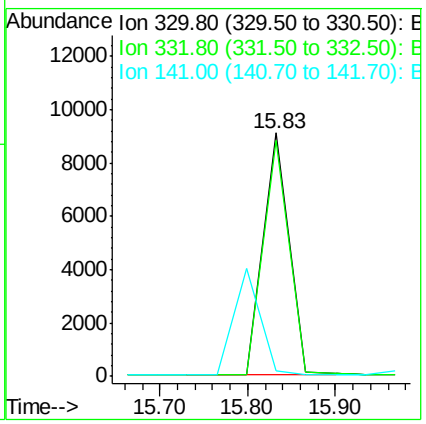


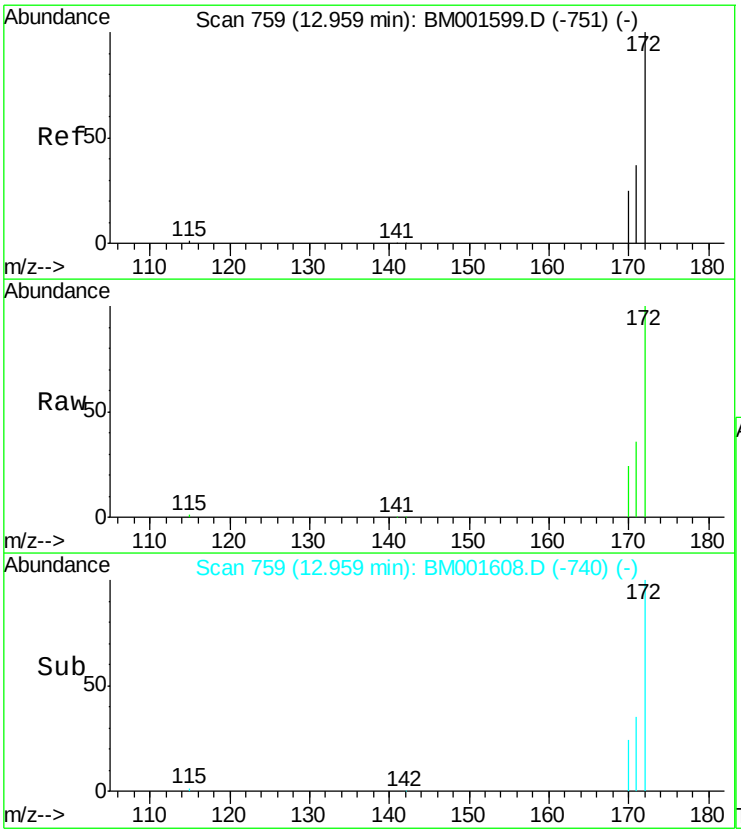
#13
2,4,6-Tribromophenol
Concen: 10.92 ng
RT: 15.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:330 Resp: 18874

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.7	115.1
141	0.0	0.0	0.0

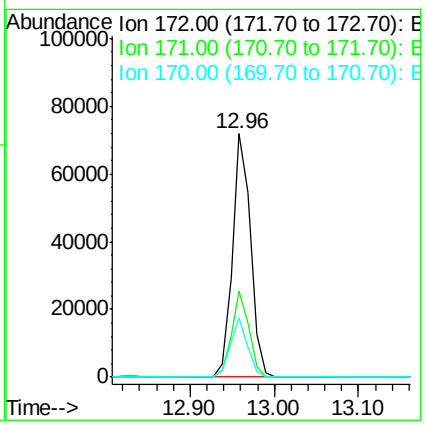


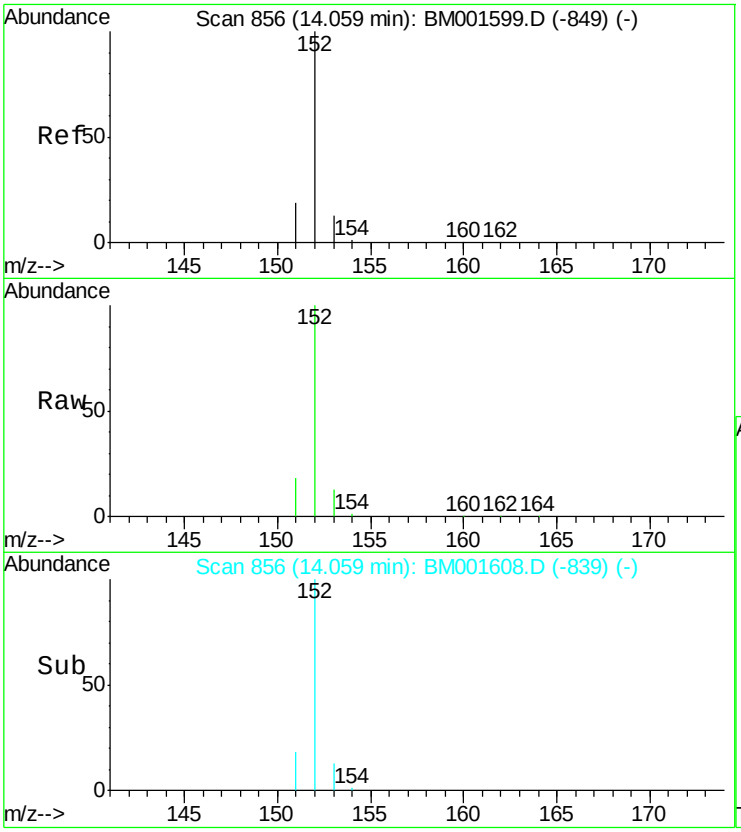


#14
2-Fluorobiphenyl
Concen: 9.28 ng
RT: 12.96 min Scan# 759
Delta R.T. -0.01 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Tgt Ion:172 Resp: 108306

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.3	20.6	31.0



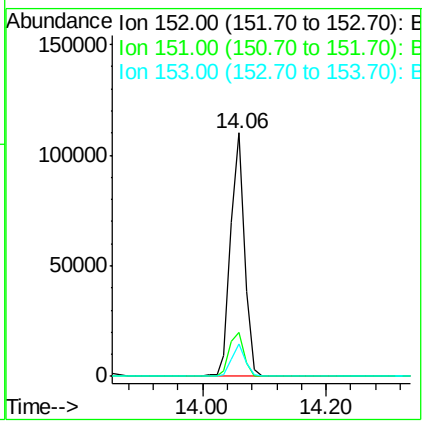


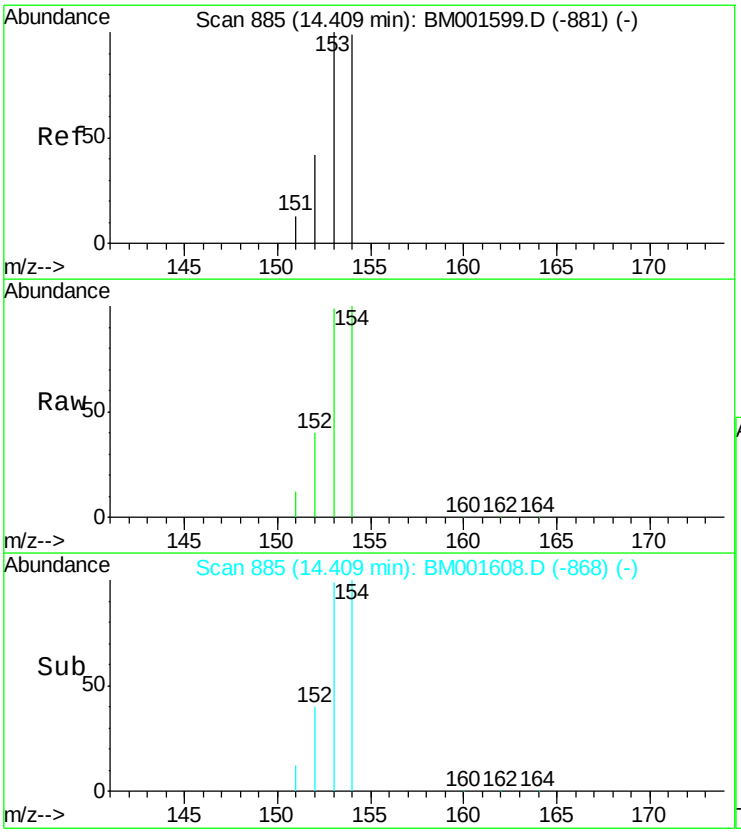
#15
Acenaphthylene
Concen: 10.50 ng
RT: 14.06 min Scan# 856
Delta R.T. 0.01 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:152 Resp: 168990

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.5	23.3
153	13.0	10.3	15.5

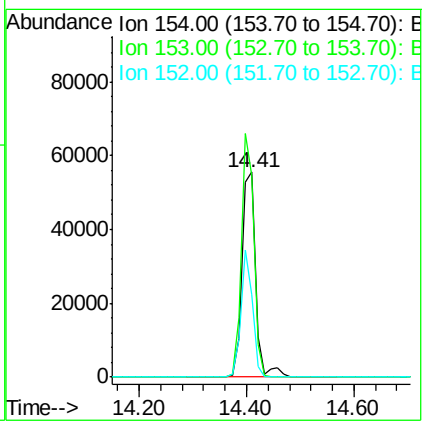


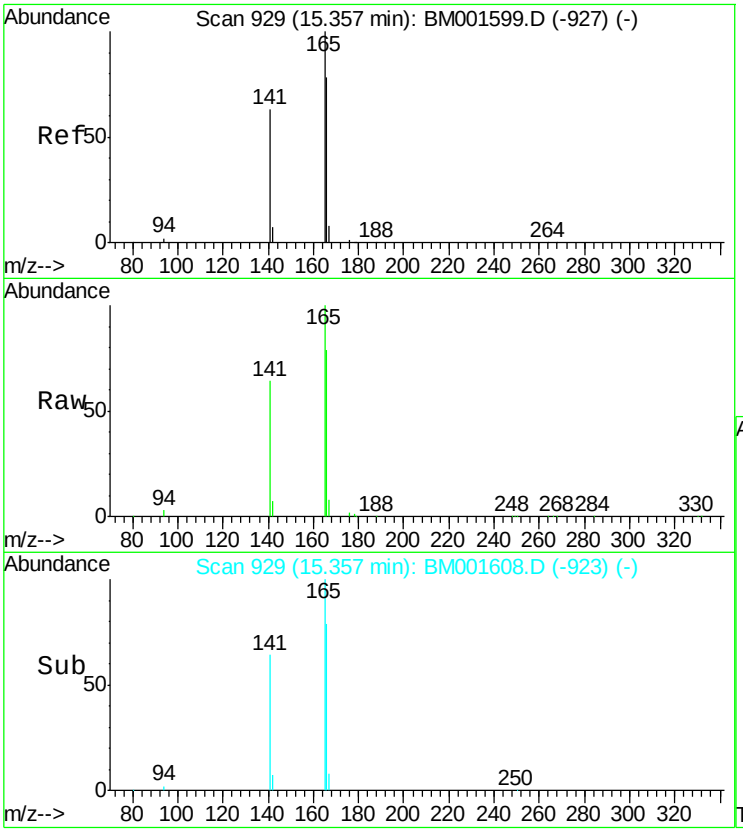


#16
Acenaphthene
Concen: 9.79 ng
RT: 14.41 min Scan# 885
Delta R.T. 0.01 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Tgt Ion:154 Resp: 99122

Ion	Ratio	Lower	Upper
154	100		
153	107.3	89.4	134.0
152	51.8	43.6	65.4



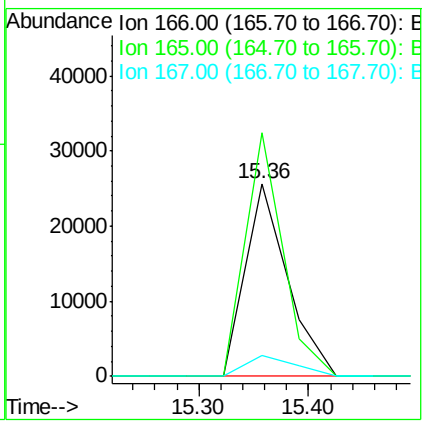


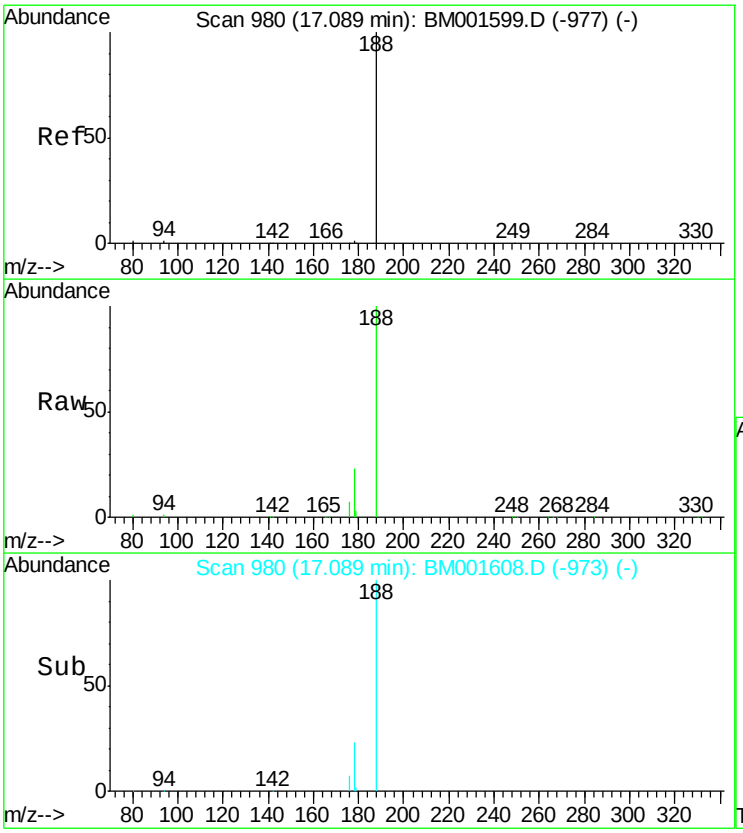
#17
Fluorene
Concen: 9.86 ng
RT: 15.36 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:166 Resp: 67629

Ion	Ratio	Lower	Upper
166	100		
165	112.7	87.8	131.8
167	12.2	10.0	15.0

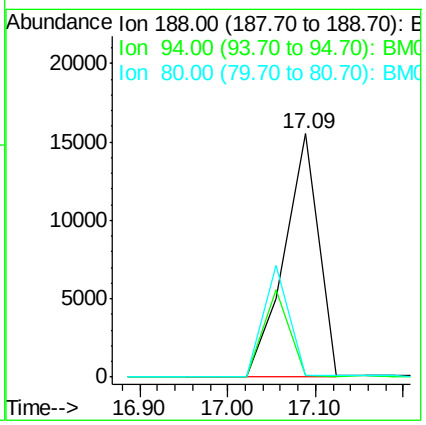


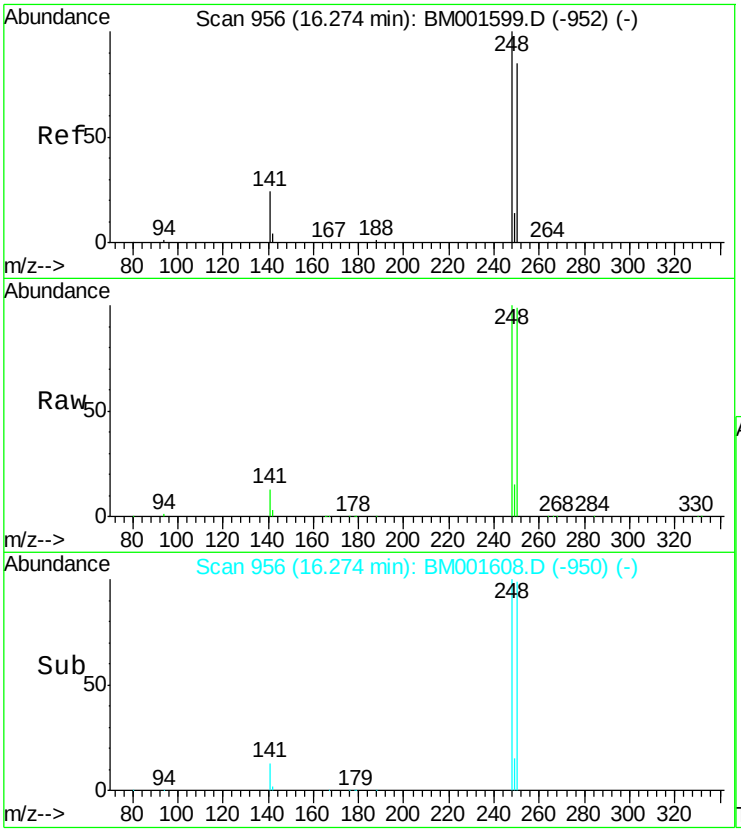


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 980
Delta R.T. 0.03 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Tgt Ion:188 Resp: 41907

Ion	Ratio	Lower	Upper
188	100		
94	0.7	1.0	1.6#
80	0.7	1.0	1.4#



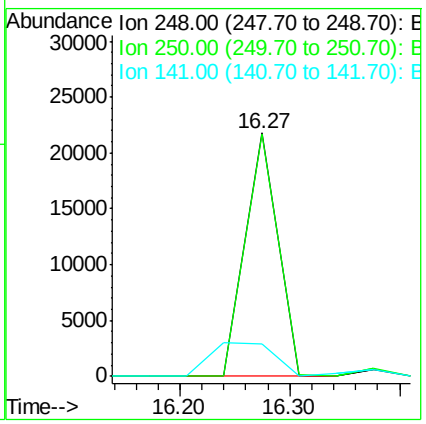


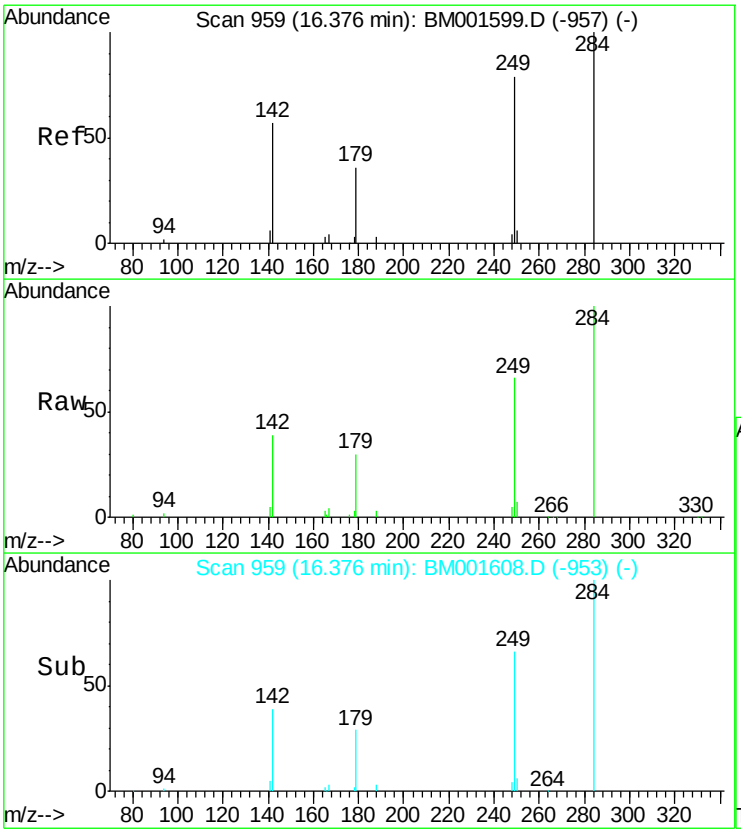
#19
4-Bromophenyl-phenylether
Concen: 11.20 ng
RT: 16.27 min Scan# 956
Delta R.T. -0.01 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:248 Resp: 44506

Ion	Ratio	Lower	Upper
248	100		
250	99.4	68.6	103.0
141	0.0	25.5	38.3#

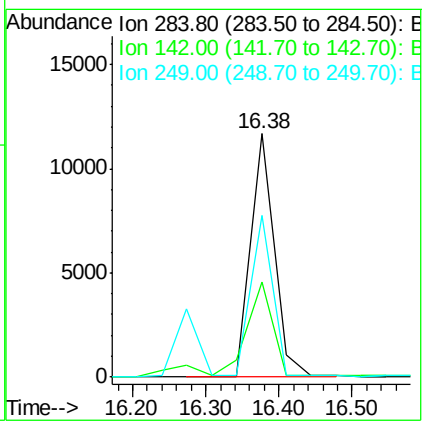


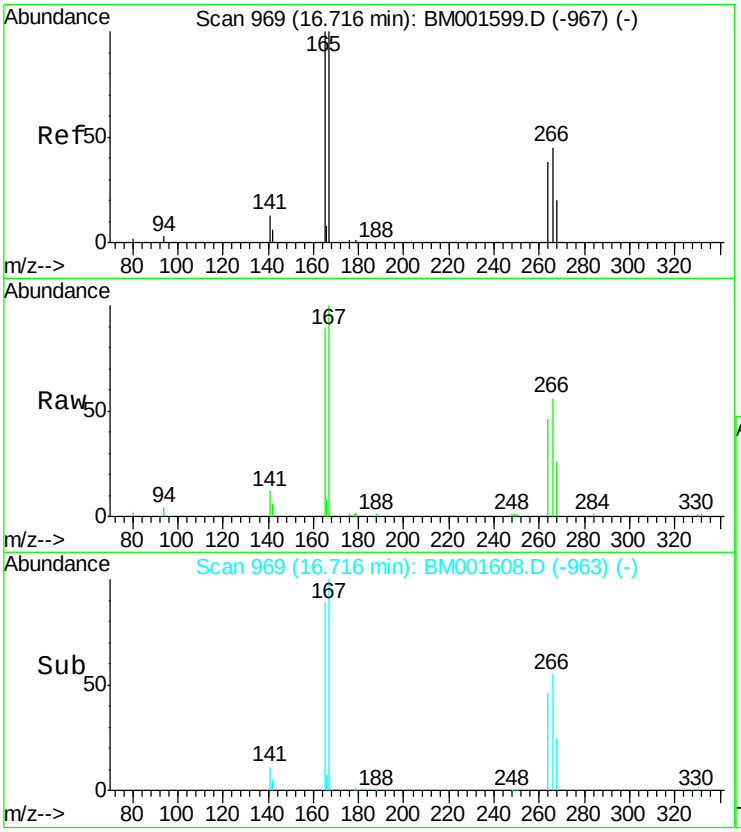


#20
Hexachlorobenzene
Concen: 11.91 ng
RT: 16.38 min Scan# 959
Delta R.T. -0.01 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Tgt Ion:284 Resp: 25881

Ion	Ratio	Lower	Upper
284	100		
142	41.7	47.3	70.9#
249	61.0	75.8	113.6#



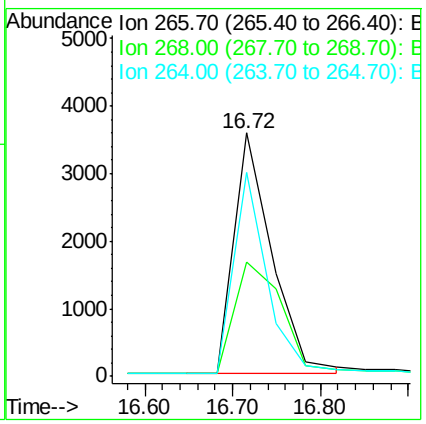


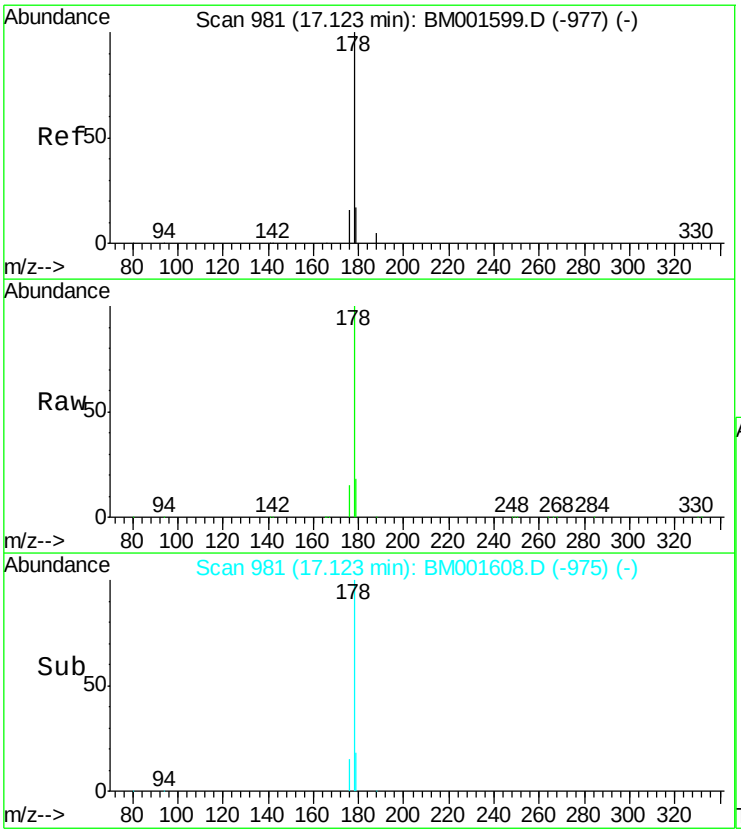
#21
Pentachlorophenol
Concen: 14.85 ng
RT: 16.72 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:266 Resp: 10801

Ion	Ratio	Lower	Upper
266	100		
268	46.7	45.8	68.8
264	83.5	70.6	106.0

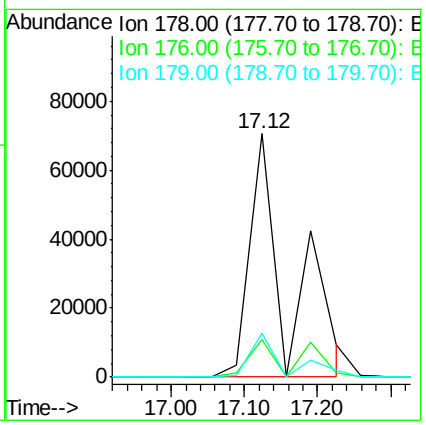


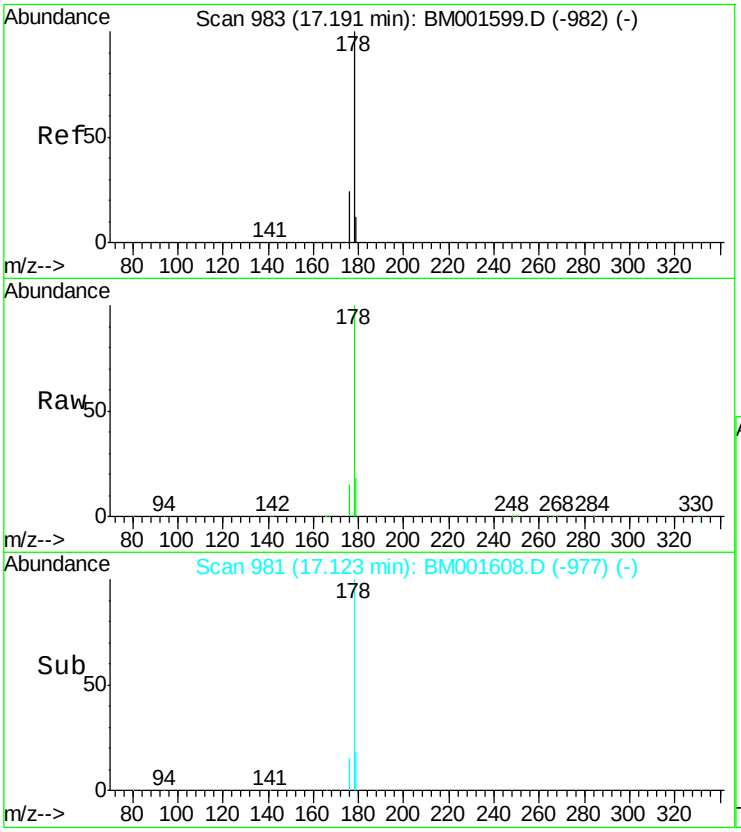


#22
Phenanthrene
Concen: 17.15 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Tgt Ion:178 Resp: 256709

Ion	Ratio	Lower	Upper
178	100		
176	18.4	13.2	19.8
179	15.9	13.8	20.8



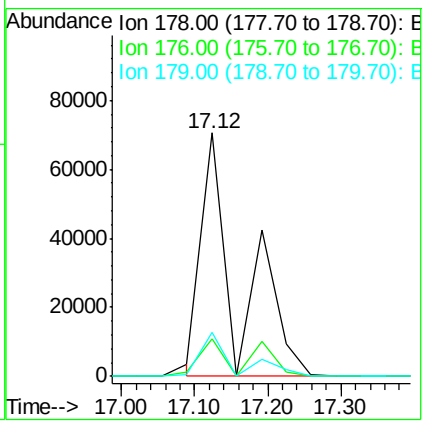


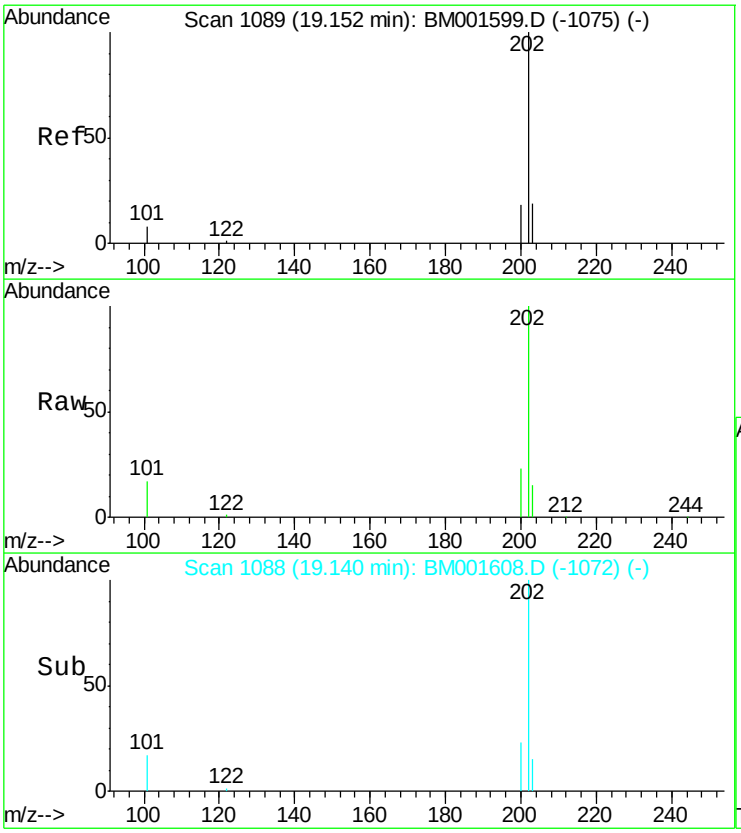
#23
Anthracene
Concen: 27.97 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.07 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:178 Resp: 248245

Ion	Ratio	Lower	Upper
178	100		
176	18.0	21.9	32.9#
179	16.1	23.0	34.4#

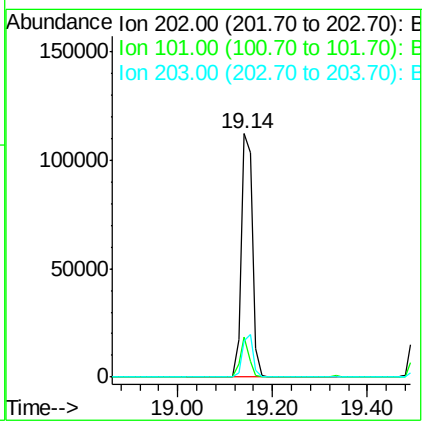


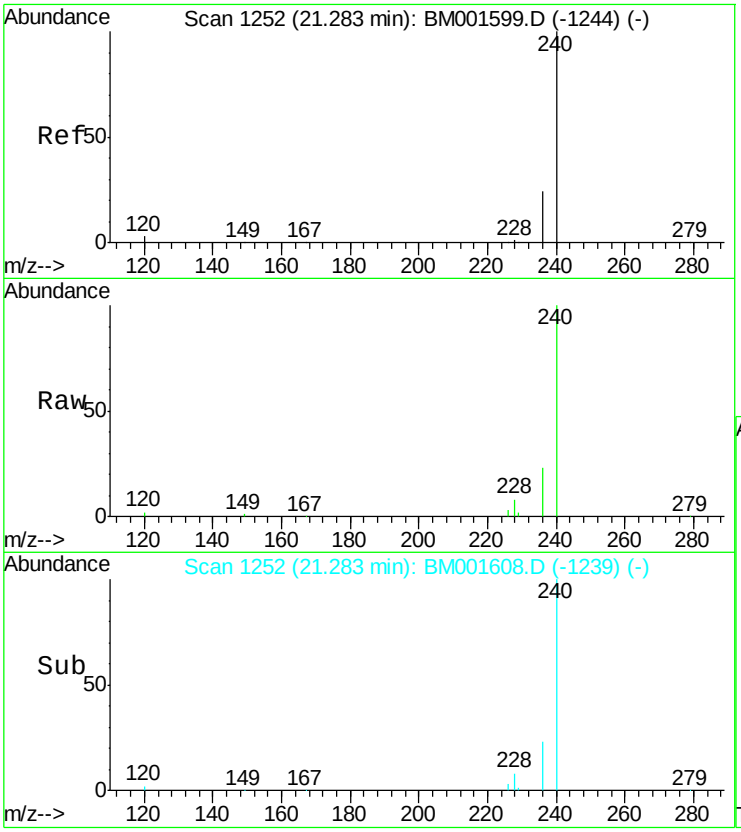


#24
Fluoranthene
Concen: 11.16 ng
RT: 19.14 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Tgt Ion:202 Resp: 180886

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.4	15.6
203	17.2	13.8	20.6



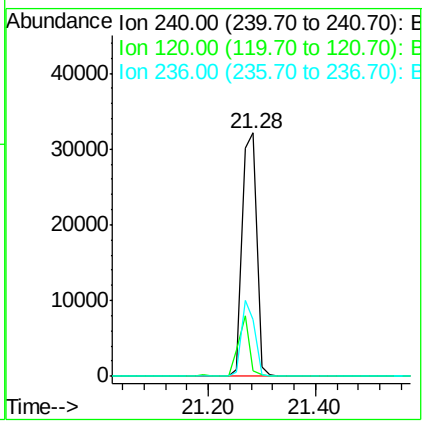


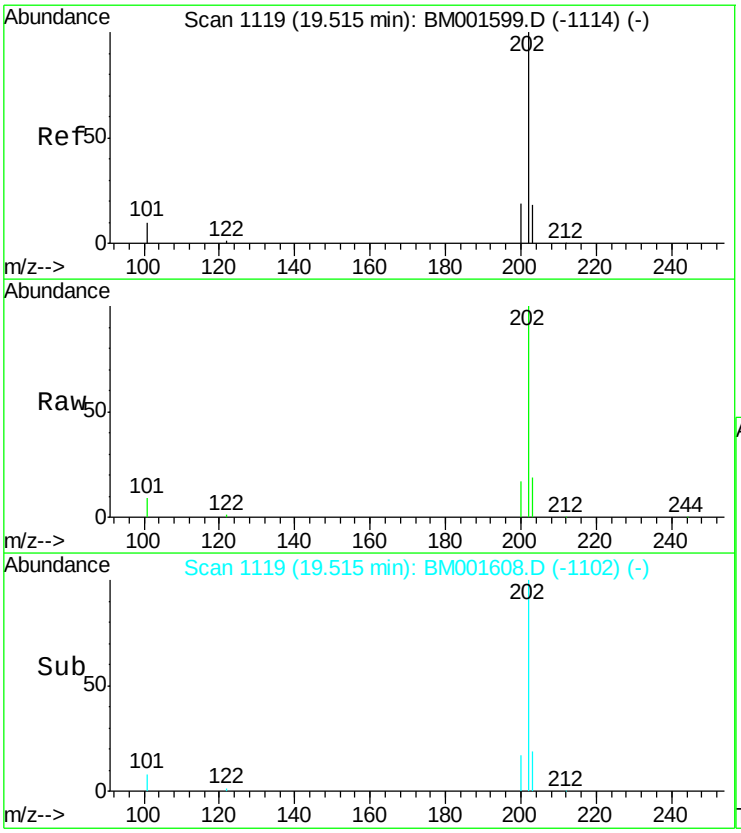
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:240 Resp: 60051

Ion	Ratio	Lower	Upper
240	100		
120	2.1	2.2	3.4#
236	23.1	19.6	29.4

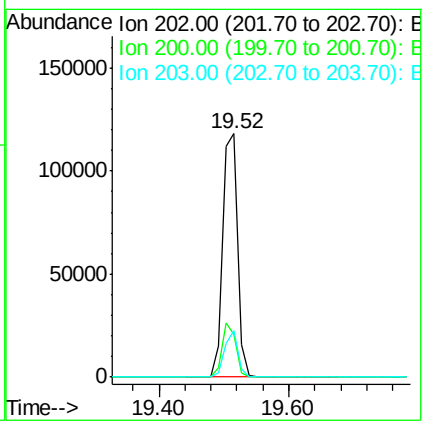


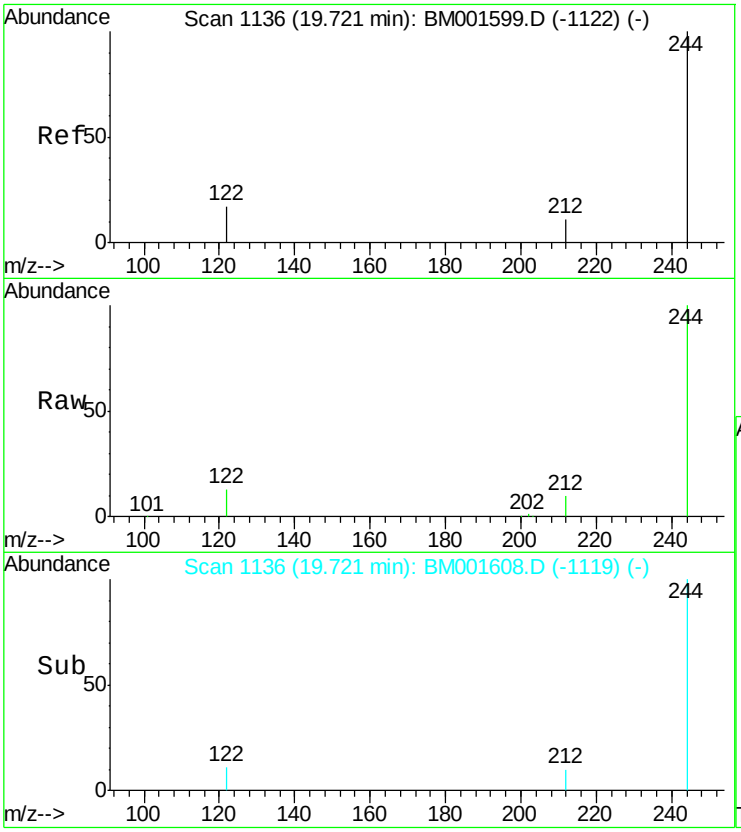


#26
Pyrene
Concen: 9.83 ng
RT: 19.52 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Tgt Ion:202 Resp: 191243

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.7	25.1
203	17.3	14.0	21.0



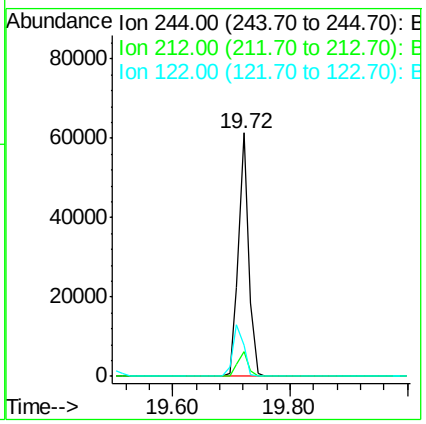


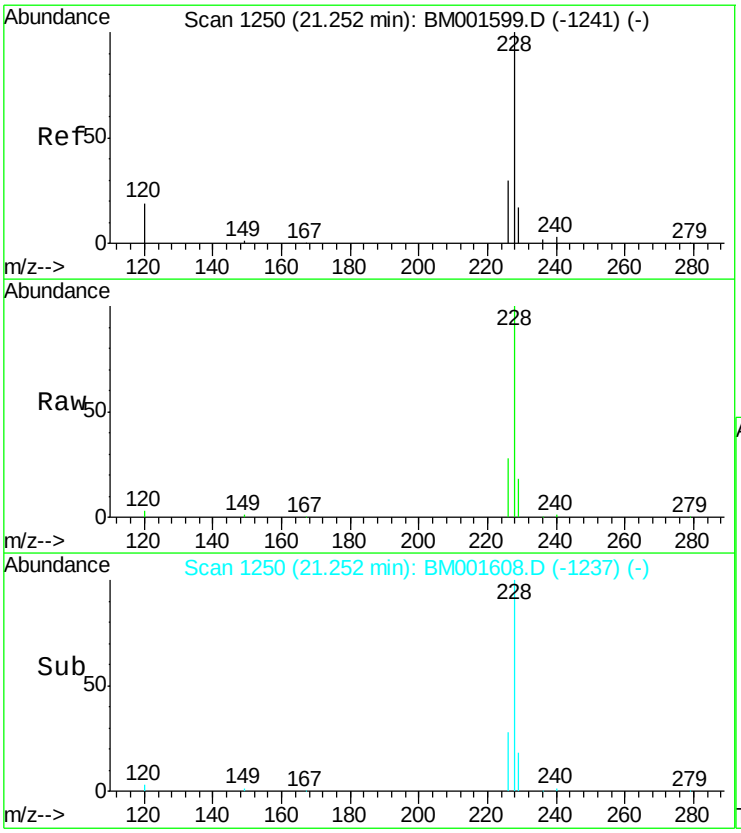
#27
Terphenyl-d14
Concen: 9.62 ng
RT: 19.72 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:244 Resp: 75387

Ion	Ratio	Lower	Upper
244	100		
212	10.1	9.2	13.8
122	12.6	14.5	21.7#

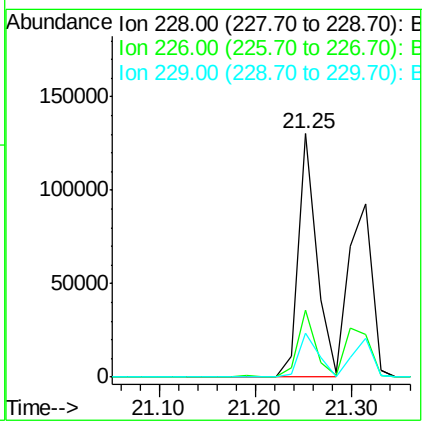


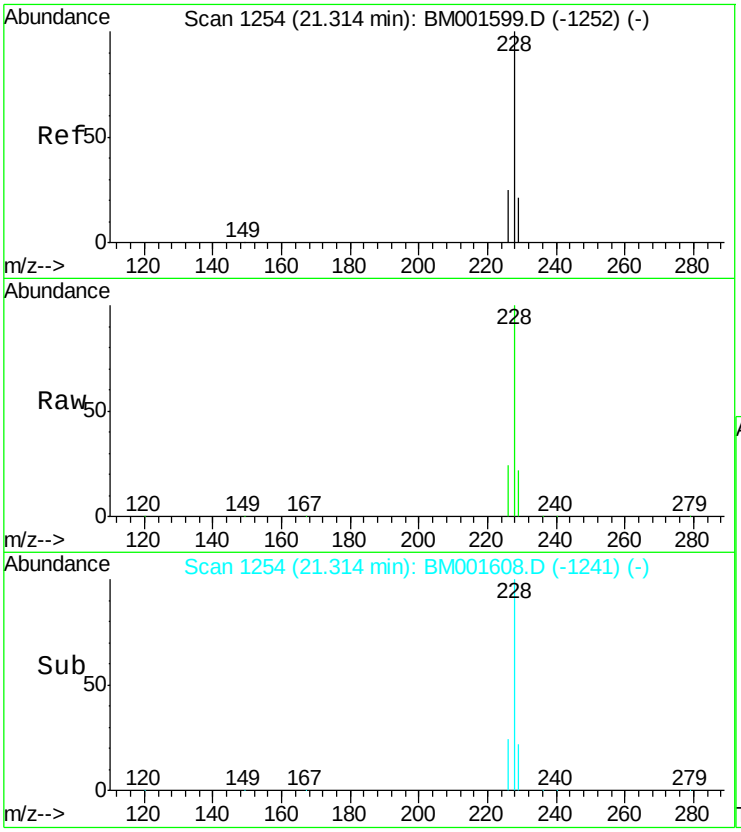


#28
Benzo(a)anthracene
Concen: 9.83 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Tgt Ion:228 Resp: 172422

Ion	Ratio	Lower	Upper
228	100		
226	27.7	24.6	37.0
229	18.0	13.8	20.8



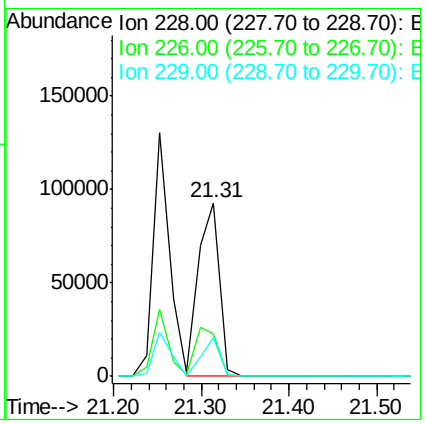


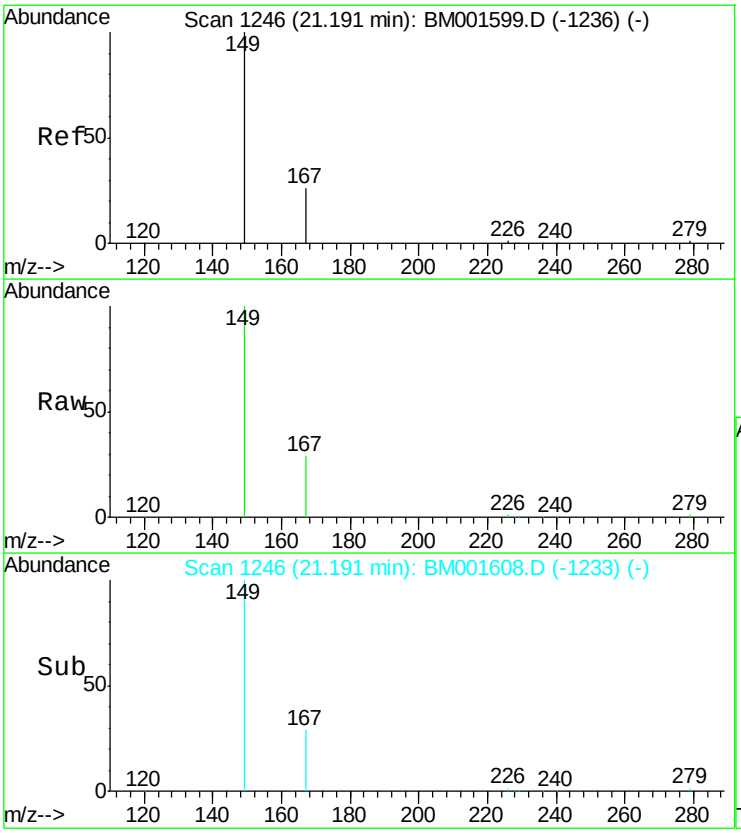
#29
Chrysene
Concen: 9.36 ng
RT: 21.31 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:228 Resp: 155112

Ion	Ratio	Lower	Upper
228	100		
226	24.5	20.6	31.0
229	22.2	17.4	26.2

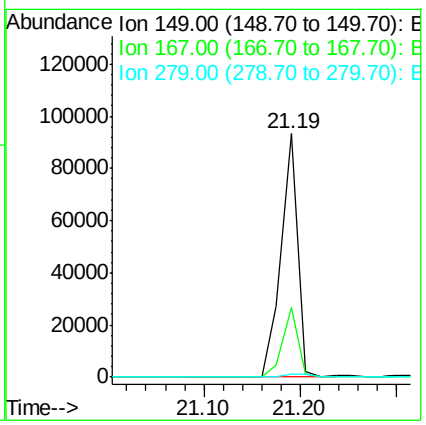


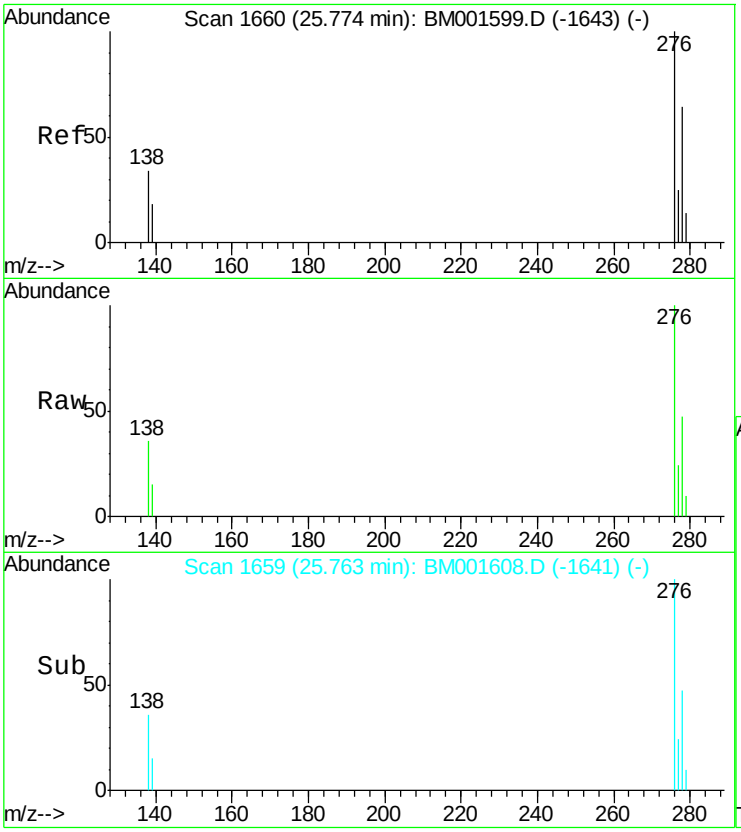


#30
Bis(2-ethylhexyl)phthalate
Concen: 11.25 ng
RT: 21.19 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Tgt Ion:149 Resp: 114024

Ion	Ratio	Lower	Upper
149	100		
167	26.3	20.2	30.4
279	2.0	1.7	2.5



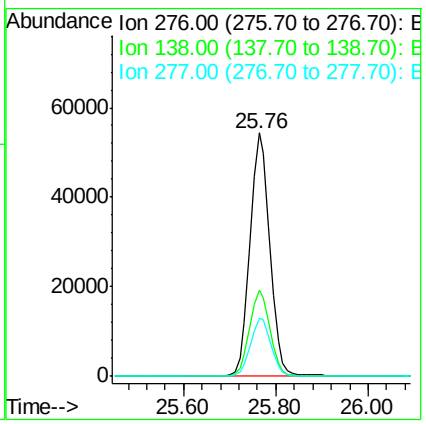


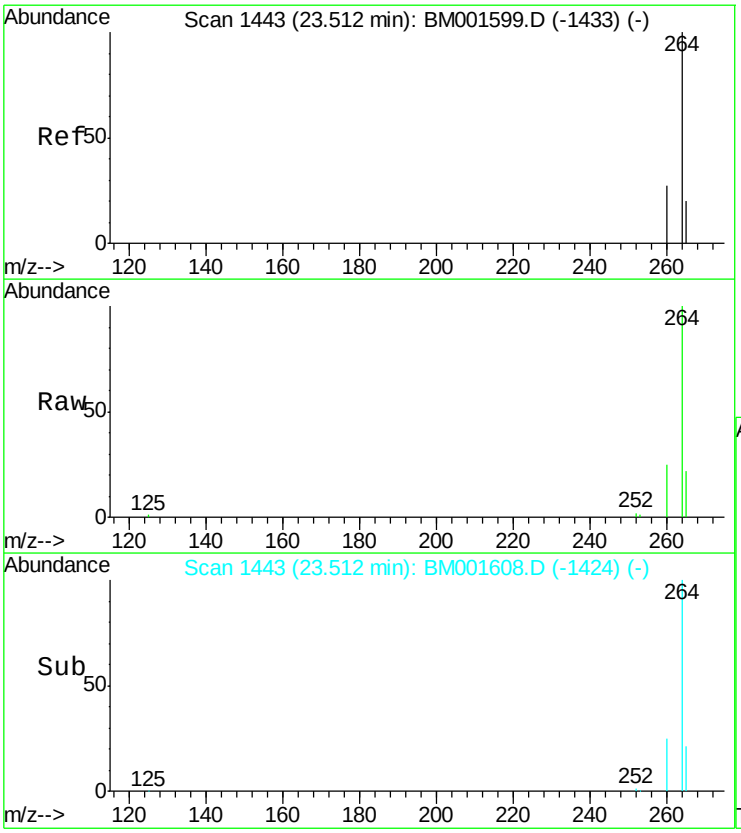
#31
Indeno(1,2,3-cd)pyrene
Concen: 9.67 ng
RT: 25.76 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:276 Resp: 162899

Ion	Ratio	Lower	Upper
276	100		
138	36.4	28.2	42.2
277	24.5	19.4	29.2

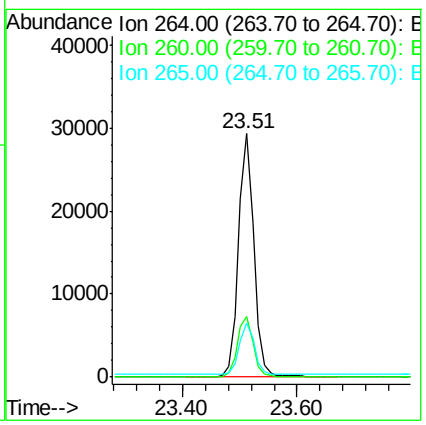


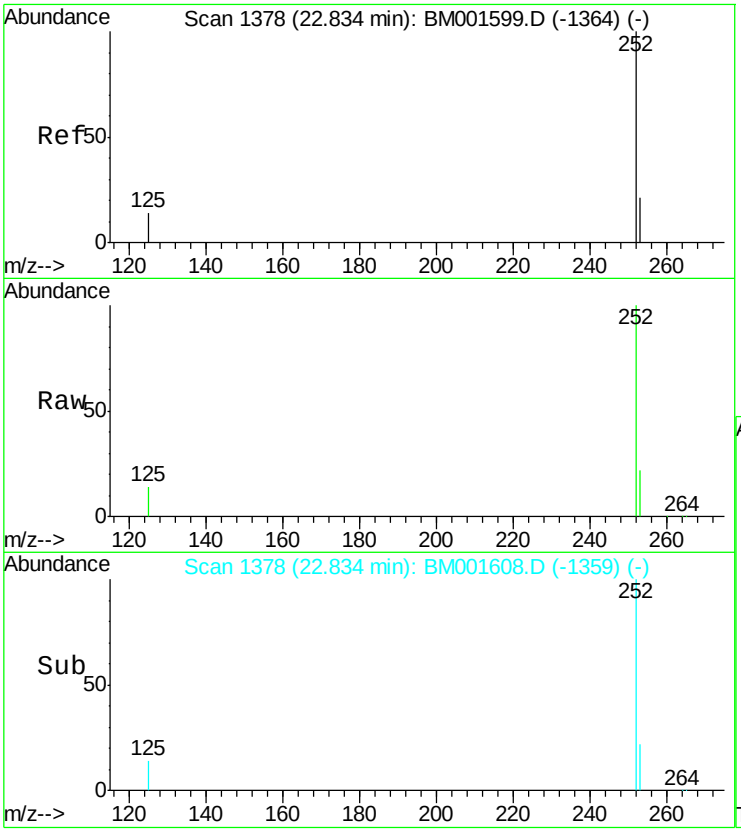


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.51 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Tgt Ion:264 Resp: 54181

Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.8	32.6
265	22.0	16.8	25.2



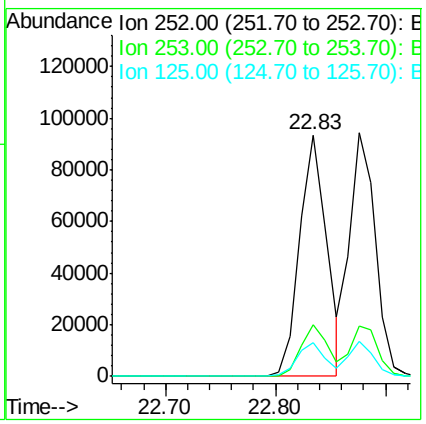


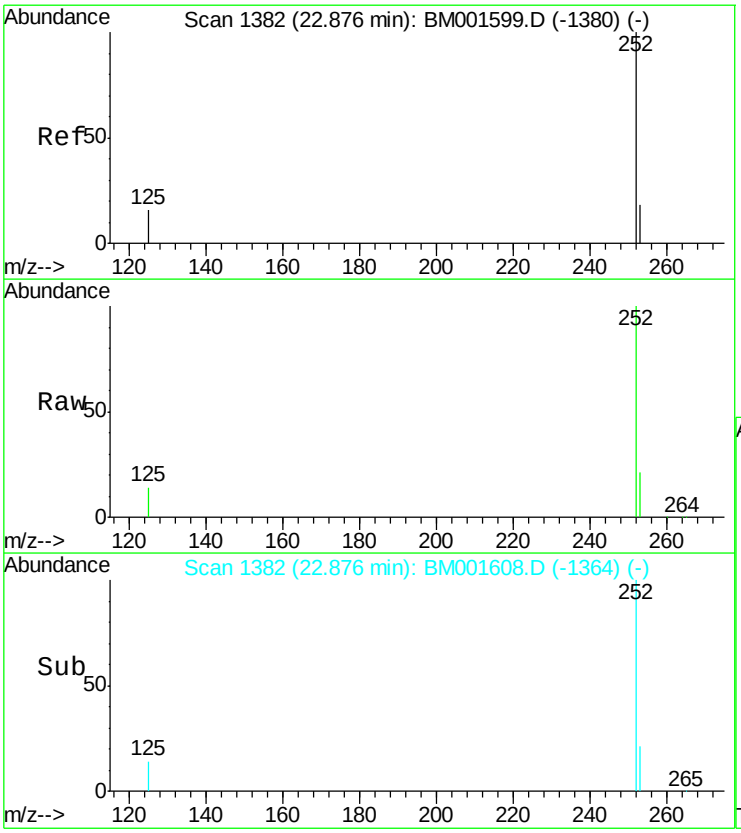
#33
Benzo(b)fluoranthene
Concen: 9.75 ng
RT: 22.83 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:252 Resp: 158849

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	13.9	12.4	18.6

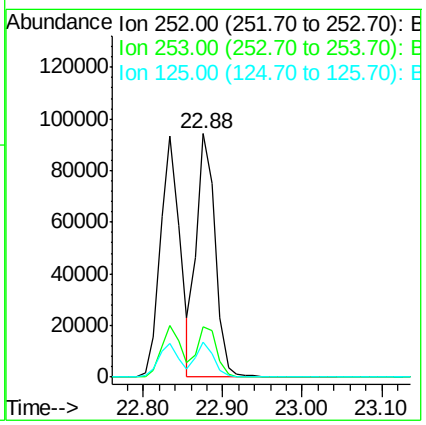


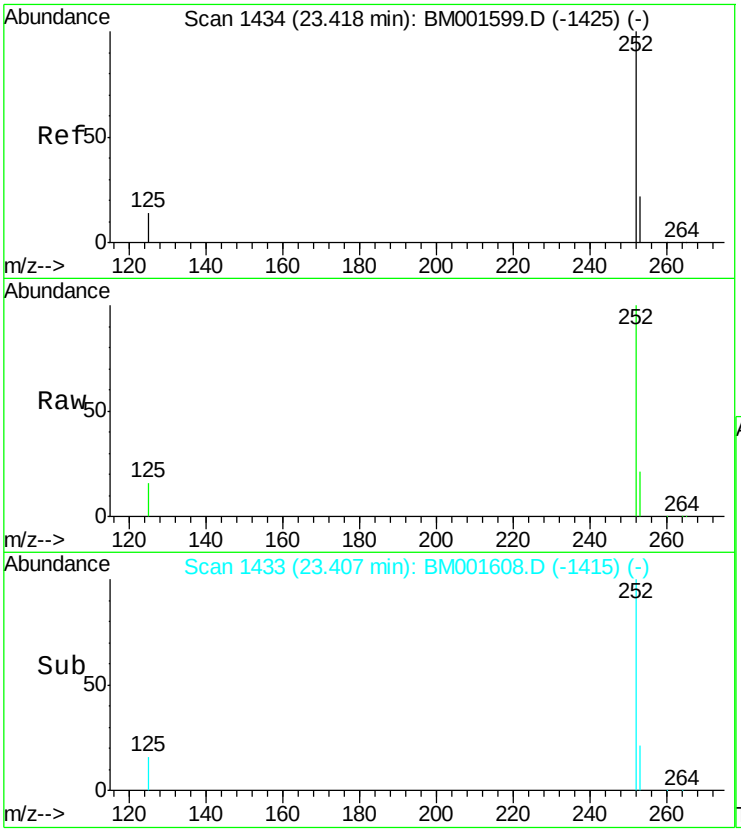


#34
Benzo(k)fluoranthene
Concen: 9.71 ng
RT: 22.88 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Tgt Ion:252 Resp: 152557

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.1	25.7
125	14.3	12.8	19.2



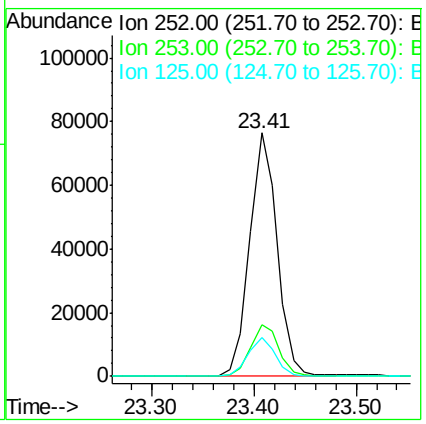


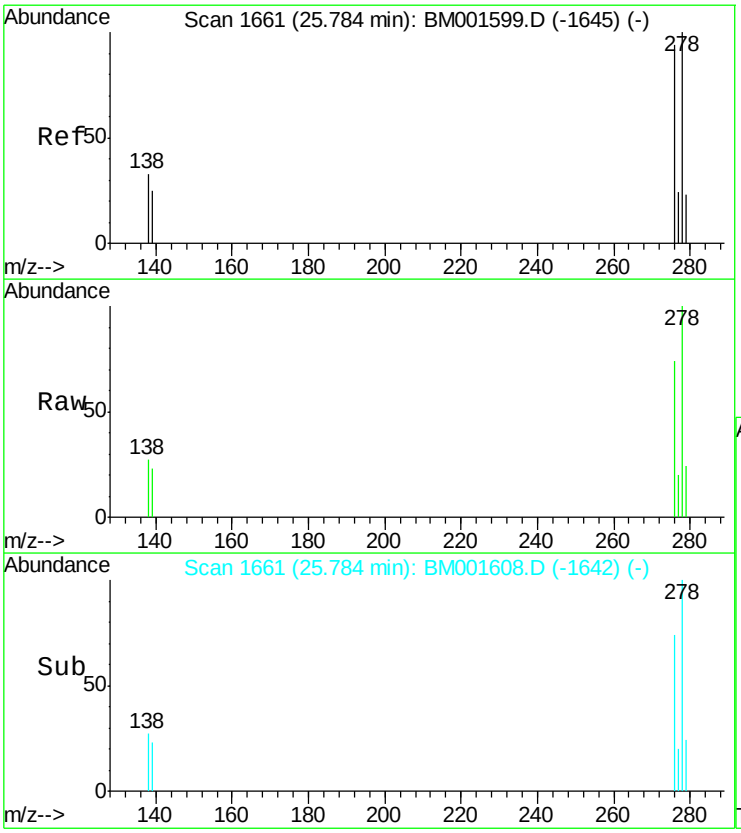
#35
Benzo(a)pyrene
Concen: 9.87 ng
RT: 23.41 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:252 Resp: 142031

Ion	Ratio	Lower	Upper
252	100		
253	21.0	19.4	29.0
125	15.8	13.0	19.6

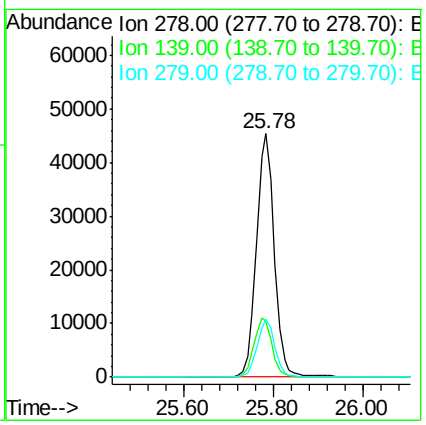


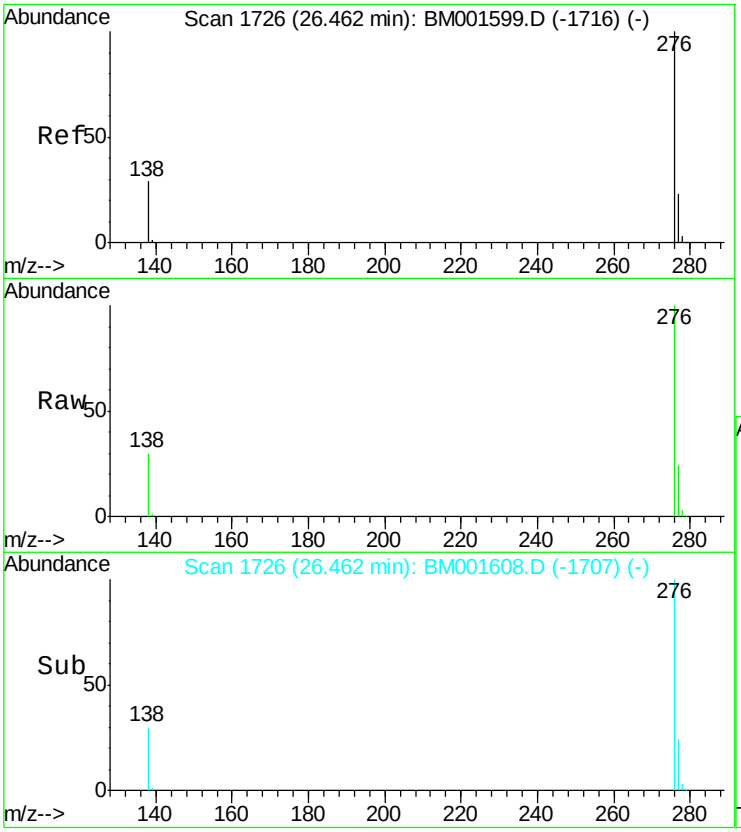


#36
Dibenzo(a,h)anthracene
Concen: 9.63 ng
RT: 25.78 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Tgt Ion:278 Resp: 126681

Ion	Ratio	Lower	Upper
278	100		
139	23.0	20.6	31.0
279	23.7	19.7	29.5





#37
Benzo(g,h,i)perylene
Concen: 9.28 ng
RT: 26.46 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Instrument :
BNA_M
ClientSampleId :
PB83802BS

Tgt Ion:276 Resp: 131599

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	29.7	24.5	36.7