Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060815\
Data File : BM001609.D
Acq On : 09 Jun 2015 06:36
Operator : TP/IZ
Sample : PB83802BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB83802BSD

Quant Time: Jun 09 18:16:01 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	7.70	152	22432	5.00	ng		0.00
6) Naphthalene-d8	10.47	136	81517	5.00	ng		0.00
12) Acenaphthene-d10	14.35	164	38493	5.00	ng		0.00
18) Phenanthrene-d10	17.09	188	42266	5.00	ng		0.03
25) Chrysene-d12	21.28	240	63277	5.00	ng		0.00
32) Perylene-d12	23.51	264	55124	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	52963	10.38	ng		-0.02
5) Phenol-d6	6.84	99	68164	10.87	ng		-0.02
7) Nitrobenzene-d5	8.85	82	63800	11.11	ng		0.00
13) 2,4,6-Tribromophenol	15.83	330	21181	11.41	ng		0.00
14) 2-Fluorobiphenyl	12.96	172	121422	9.69	ng		0.00
27) Terphenyl-d14	19.72	244	85217	10.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	21091	8.54	ng		92
3) n-Nitrosodimethylamine	3.51	42	36343	10.30	ng		99
8) Nitrobenzene	8.89	77	69709	11.30	ng		98
9) Naphthalene	10.52	128	181424	9.94	ng		99
10) Hexachlorobutadiene	10.82	225	30510	9.71	ng		99
11) 2-Methylnaphthalene	12.15	142	114759	10.27	ng		96
15) Acenaphthylene	14.06	152	189905	10.99	ng		100
16) Acenaphthene	14.41	154	111755	10.28	ng		96
17) Fluorene	15.36	166	76343	10.37	ng		97
19) 4-Bromophenyl-phenylether	16.27	248	52833	13.18	ng	#	89
20) Hexachlorobenzene	16.38	284	28084	12.81	ng	#	73
21) Pentachlorophenol	16.72	266	12344	16.83	ng		91
22) Phenanthrene	17.12	178	285344	18.91	ng		96
23) Anthracene	17.12	178	275426	30.77	ng	#	79
24) Fluoranthene	19.14	202	204804	12.53	ng		100
26) Pyrene	19.52	202	215883	10.53	ng		99
28) Benzo(a)anthracene	21.25	228	187145	10.13	ng		98
29) Chrysene	21.31	228	169014	9.67	ng		99
30) Bis(2-ethylhexyl)phthalate	21.19	149	134862	12.63	ng		98
31) Indeno(1,2,3-cd)pyrene	25.76	276	170735	9.62	ng		99
33) Benzo(b)fluoranthene	22.83	252	169093	10.20	ng		98
34) Benzo(k)fluoranthene	22.88	252	164019	10.26	ng		97
35) Benzo(a)pyrene	23.41	252	151088	10.32	ng		96
36) Dibenzo(a,h)anthracene	25.78	278	133593	9.99	ng		96
37) Benzo(g,h,i)perylene	26.46	276	137775	9.55	ng		99

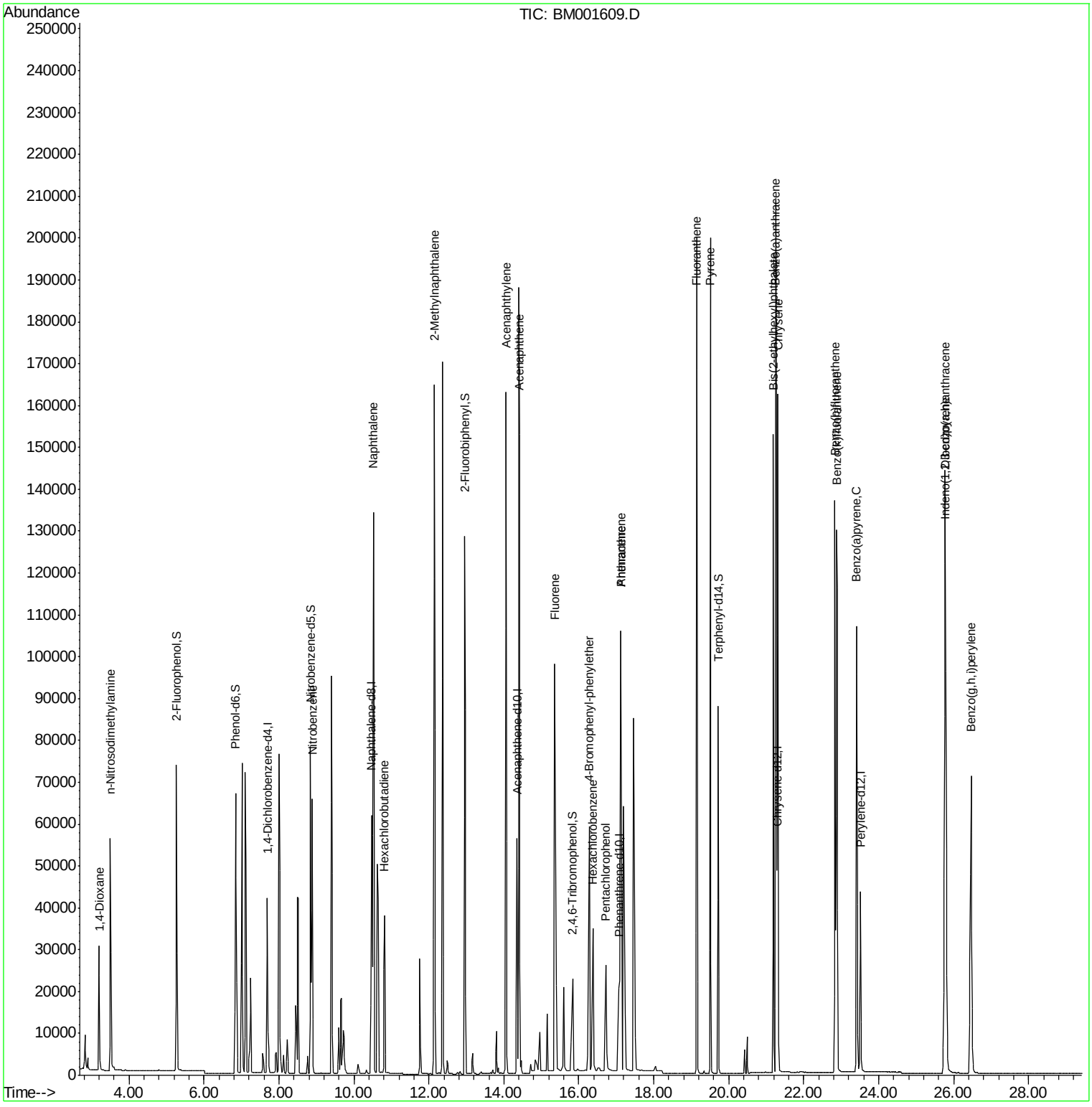
(#) = qualifier out of range (m) = manual integration (+) = signals summed

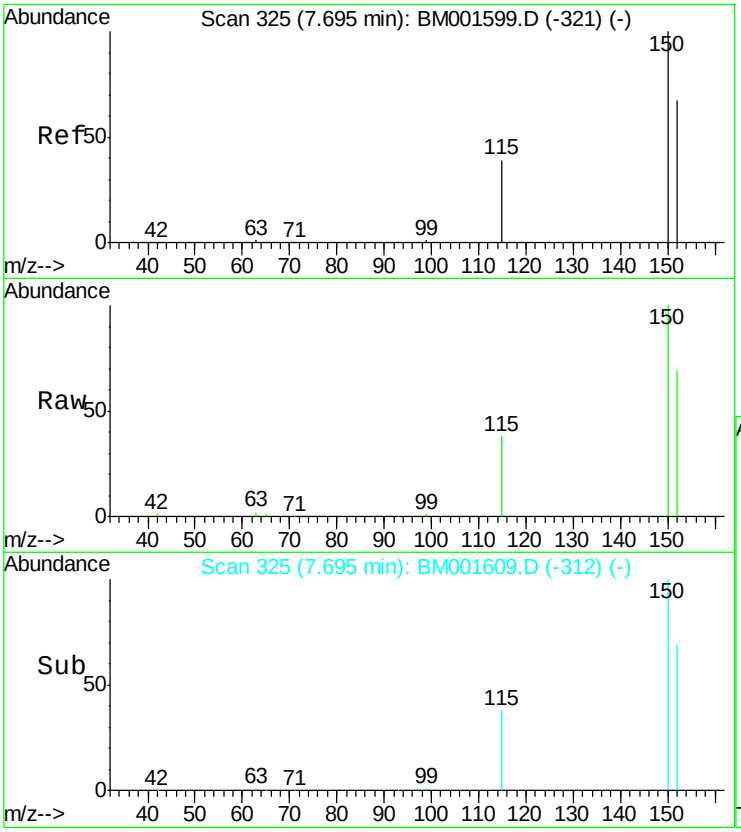
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060815\
Data File : BM001609.D
Acq On : 09 Jun 2015 06:36
Operator : TP/IZ
Sample : PB83802BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Quant Time: Jun 09 18:16:01 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



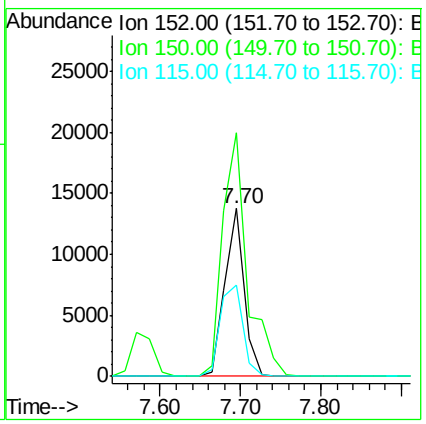


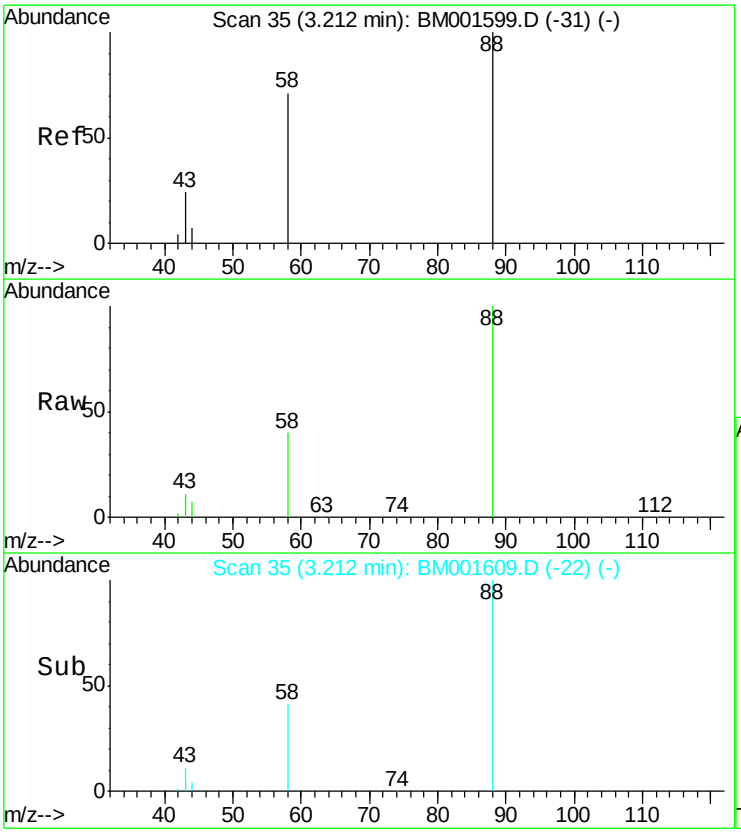
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.70 min Scan# 325
Delta R.T. 0.00 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:152 Resp: 22432

Ion	Ratio	Lower	Upper
152	100		
150	145.1	120.1	180.1
115	54.8	47.0	70.6

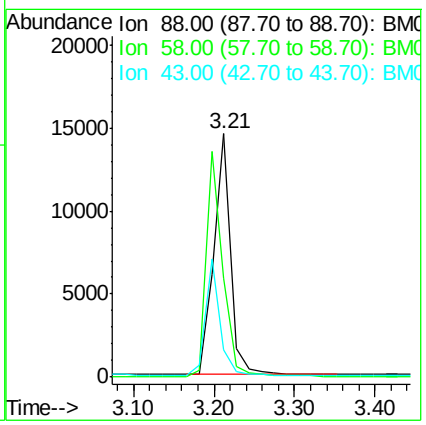


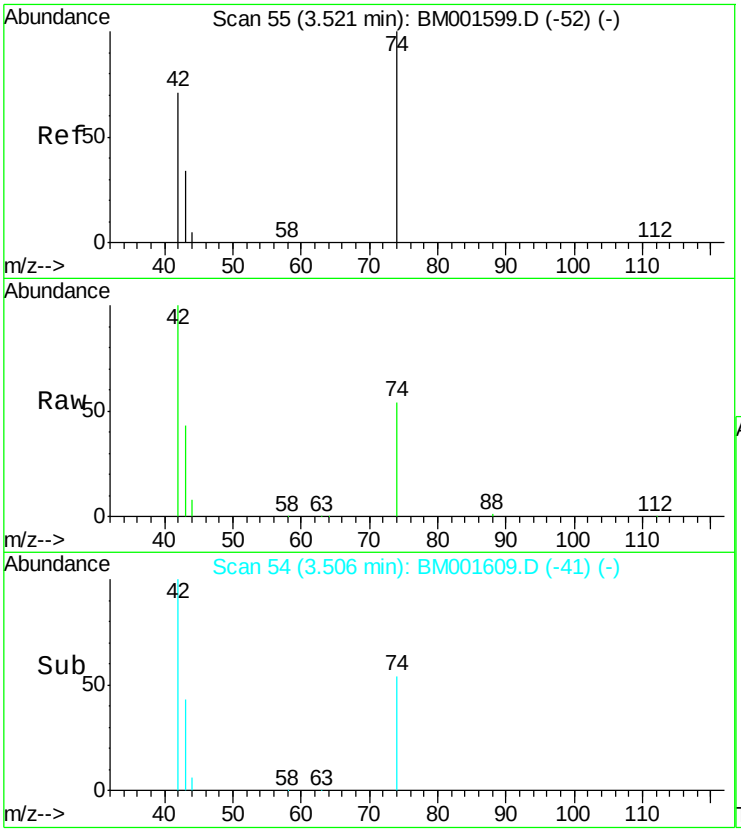


#2
1,4-Dioxane
Concen: 8.54 ng
RT: 3.21 min Scan# 35
Delta R.T. 0.00 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Tgt Ion: 88 Resp: 21091

Ion	Ratio	Lower	Upper
88	100		
58	90.9	65.5	98.3
43	41.8	32.2	48.2



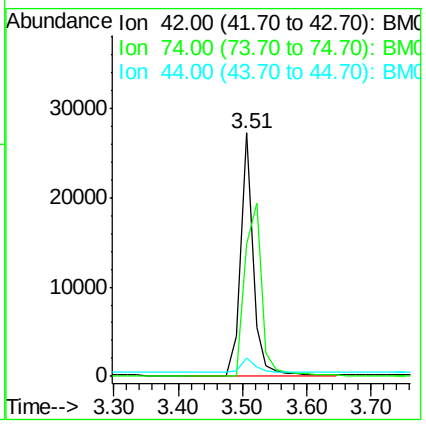


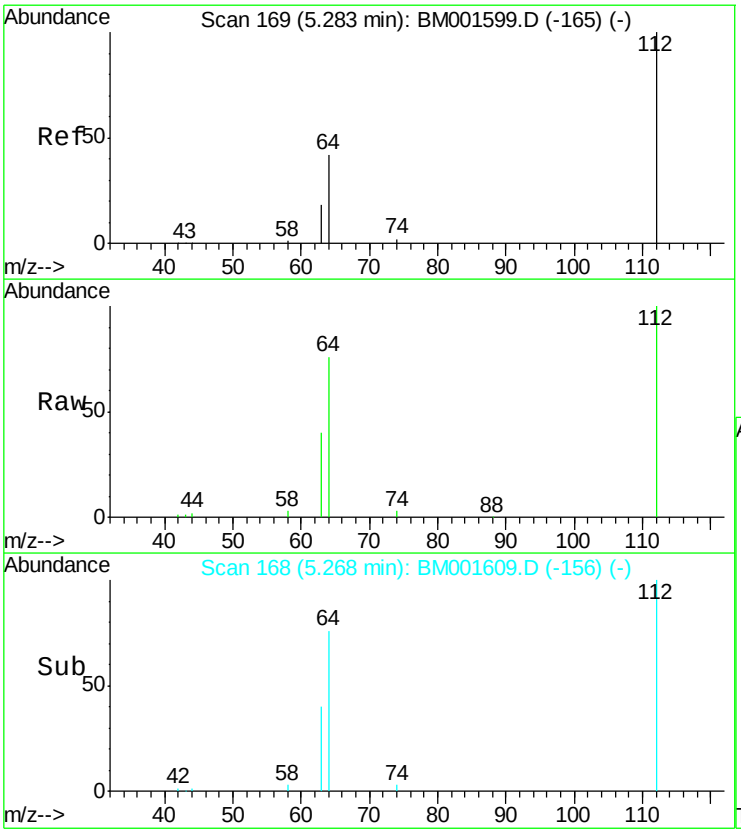
#3
n-Nitrosodimethylamine
Concen: 10.30 ng
RT: 3.51 min Scan# 54
Delta R.T. 0.00 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion: 42 Resp: 36343

Ion	Ratio	Lower	Upper
42	100		
74	98.8	79.5	119.3
44	6.2	5.7	8.5

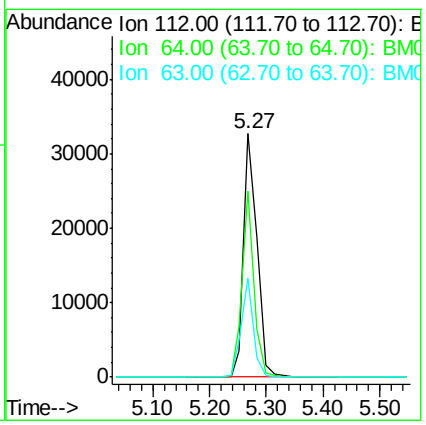


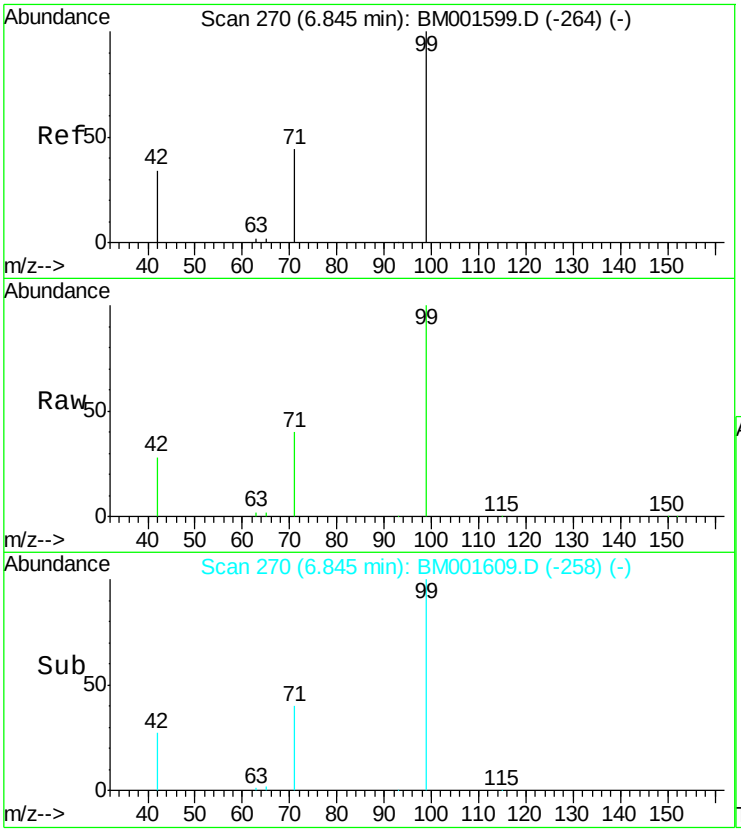


#4
2-Fluorophenol
Concen: 10.38 ng
RT: 5.27 min Scan# 168
Delta R.T. -0.02 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Tgt Ion:112 Resp: 52963

Ion	Ratio	Lower	Upper
112	100		
64	68.3	54.8	82.2
63	37.1	30.5	45.7



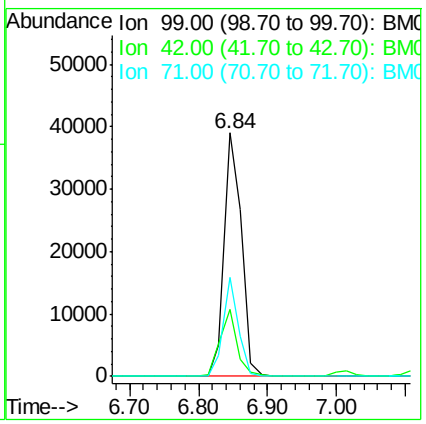


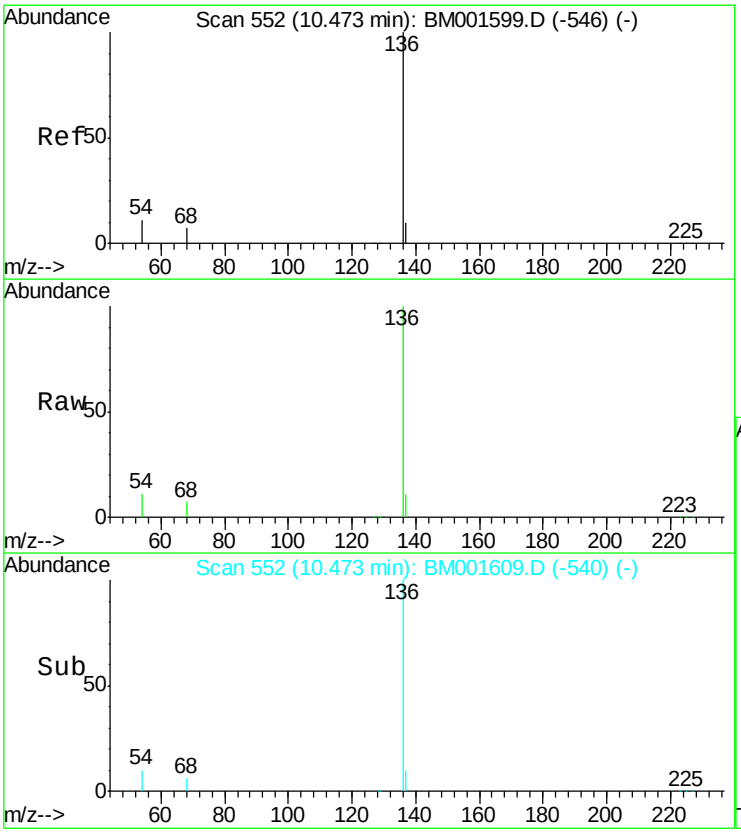
#5
Phenol-d6
Concen: 10.87 ng
RT: 6.84 min Scan# 270
Delta R.T. -0.02 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion: 99 Resp: 68164

Ion	Ratio	Lower	Upper
99	100		
42	26.3	21.6	32.4
71	35.7	28.7	43.1

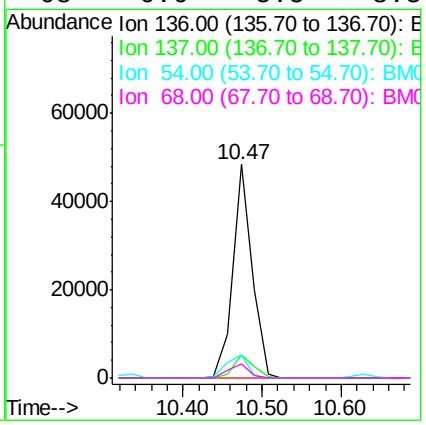


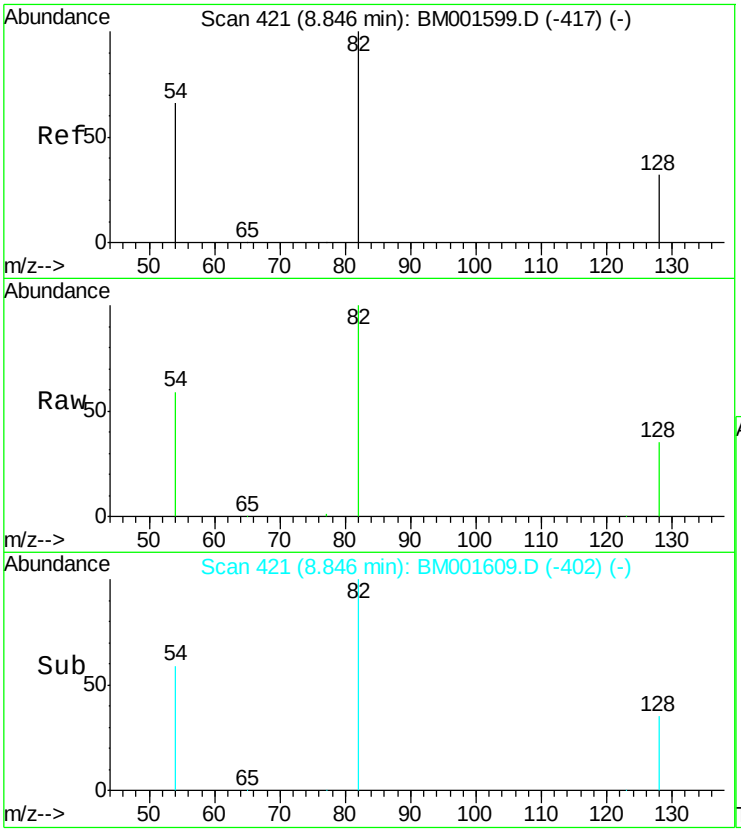


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.47 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Tgt Ion:136 Resp: 81517

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.3	12.5
54	10.5	9.2	13.8
68	6.6	5.5	8.3



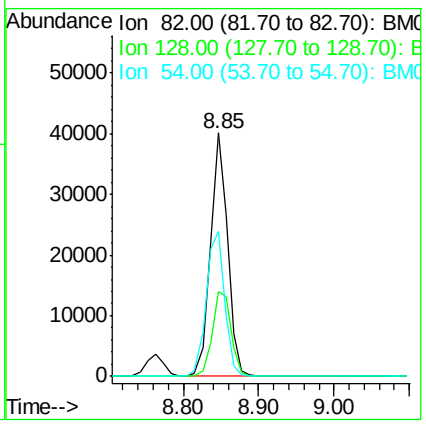


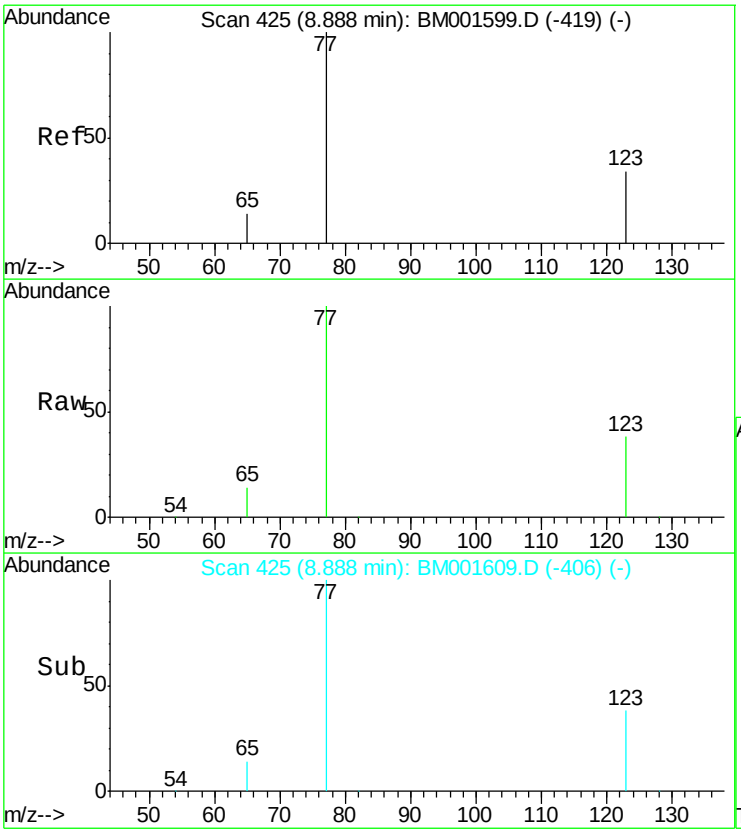
#7
Nitrobenzene-d5
Concen: 11.11 ng
RT: 8.85 min Scan# 421
Delta R.T. 0.00 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion: 82 Resp: 63800

Ion	Ratio	Lower	Upper
82	100		
128	34.9	26.6	40.0
54	59.4	53.0	79.6

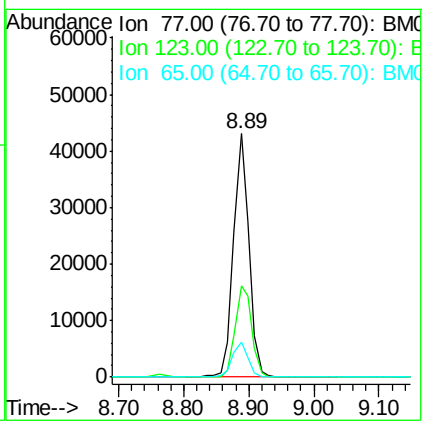


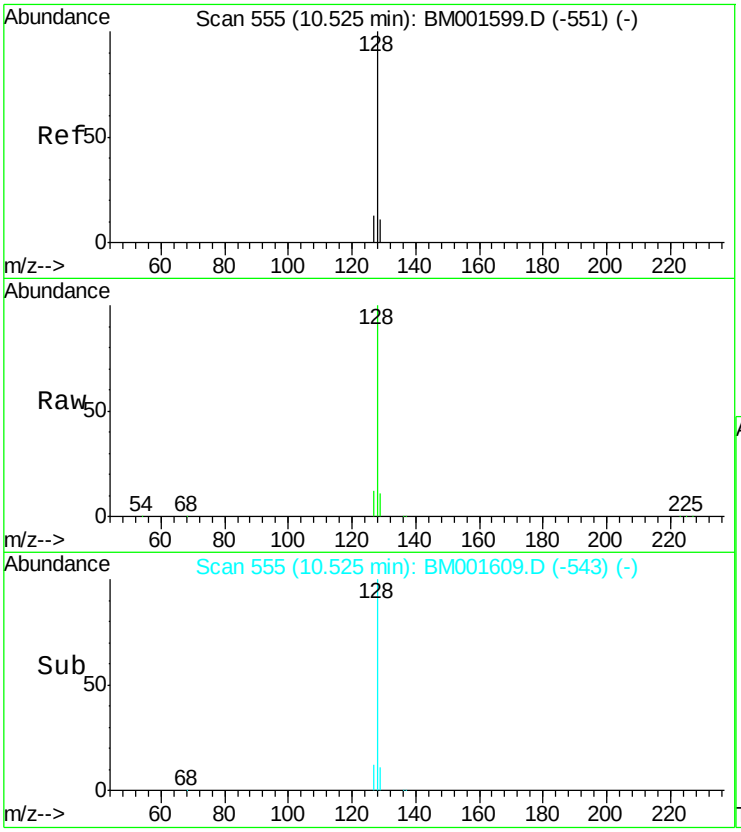


#8
Nitrobenzene
Concen: 11.30 ng
RT: 8.89 min Scan# 425
Delta R.T. 0.00 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Tgt Ion: 77 Resp: 69709

Ion	Ratio	Lower	Upper
77	100		
123	40.4	31.0	46.6
65	14.5	11.4	17.0



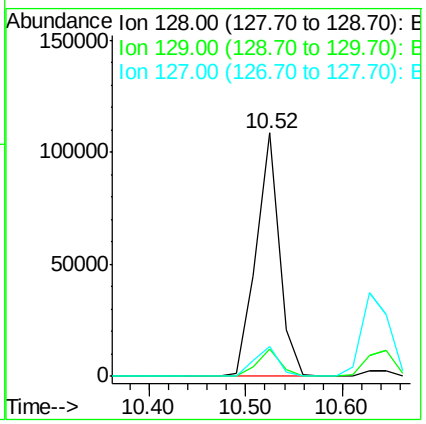


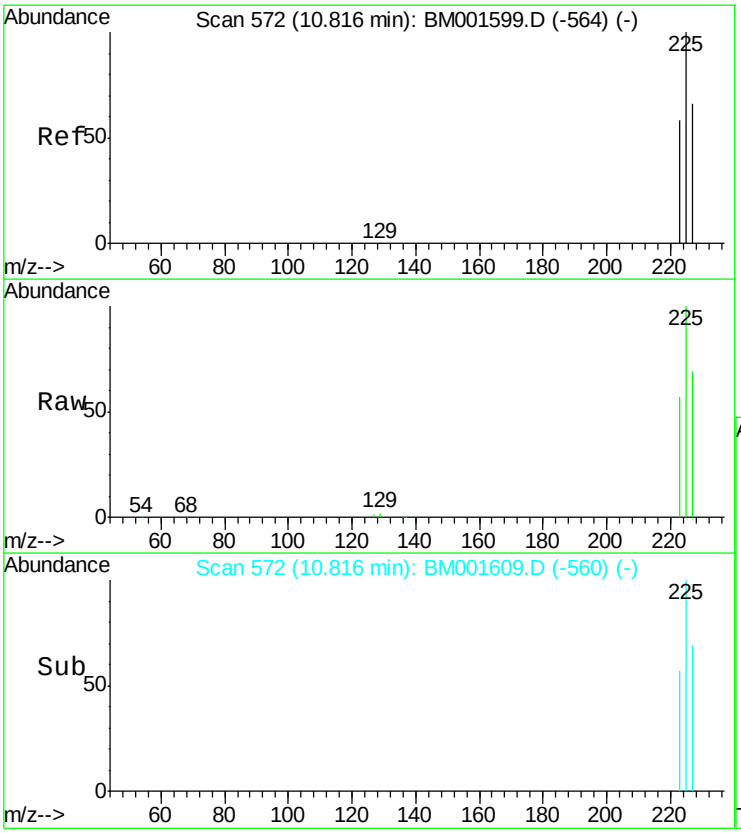
#9
Naphthalene
Concen: 9.94 ng
RT: 10.52 min Scan# 555
Delta R.T. 0.00 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:128 Resp: 181424

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	12.1	10.4	15.6

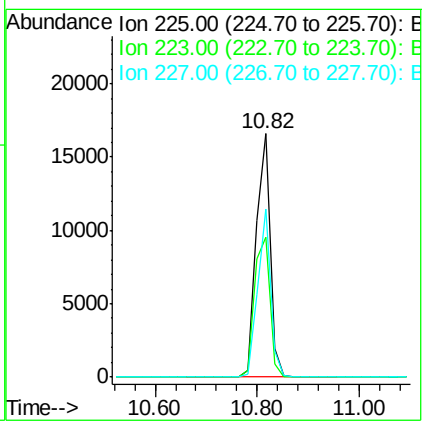


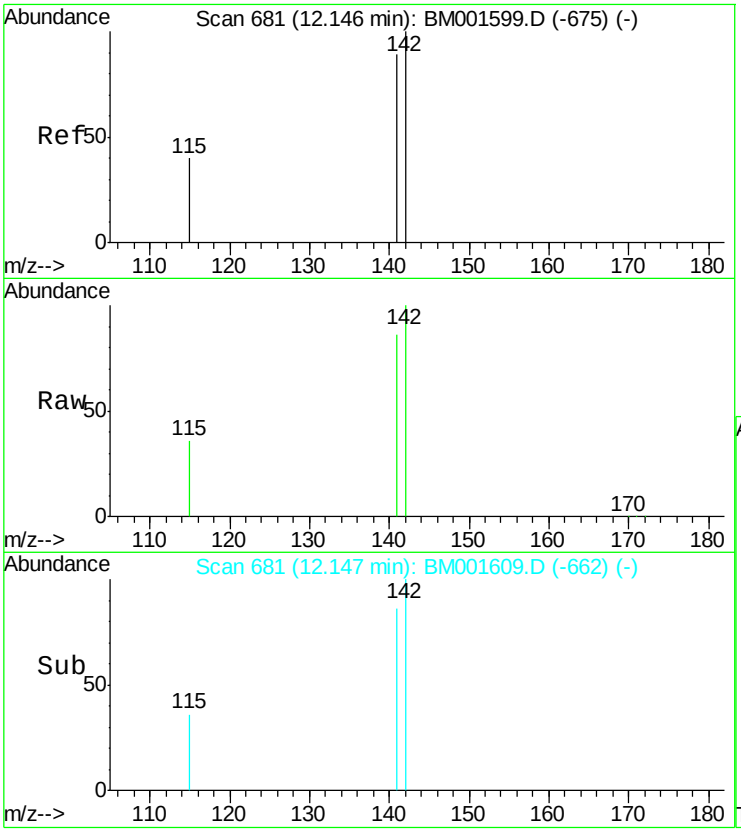


#10
Hexachlorobutadiene
Concen: 9.71 ng
RT: 10.82 min Scan# 572
Delta R.T. 0.00 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Tgt Ion:225 Resp: 30510

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.8
227	63.8	50.9	76.3



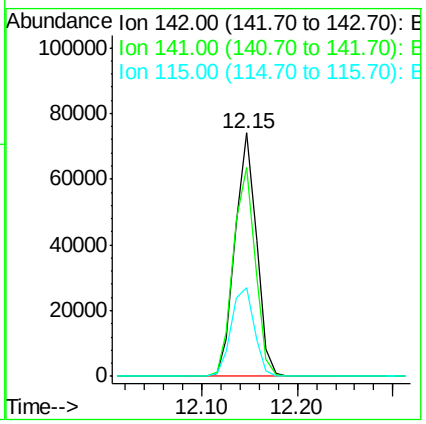


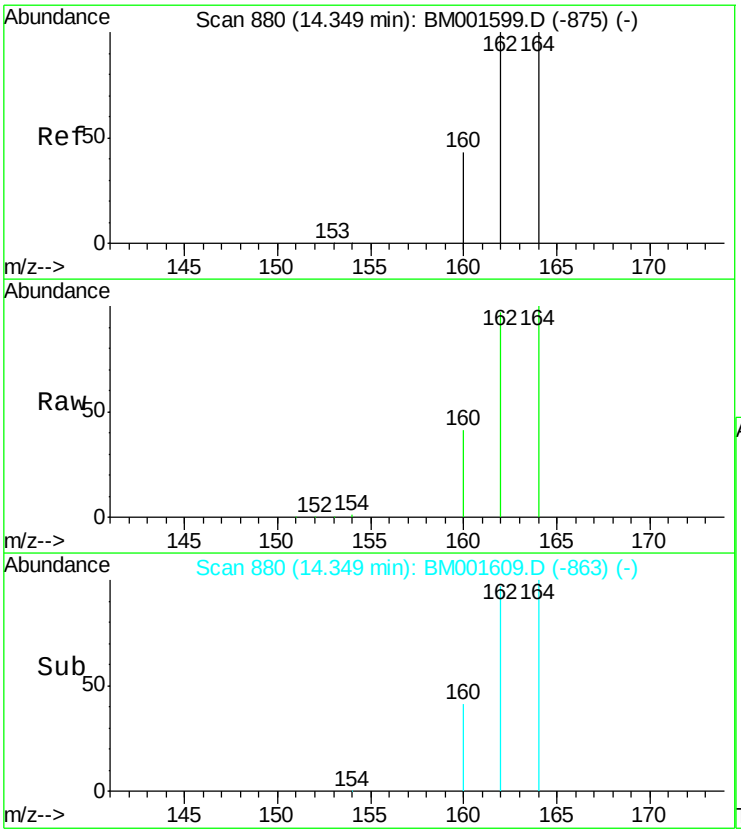
#11
2-Methylnaphthalene
Concen: 10.27 ng
RT: 12.15 min Scan# 681
Delta R.T. -0.01 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:142 Resp: 114759

Ion	Ratio	Lower	Upper
142	100		
141	86.1	71.3	106.9
115	36.4	32.1	48.1

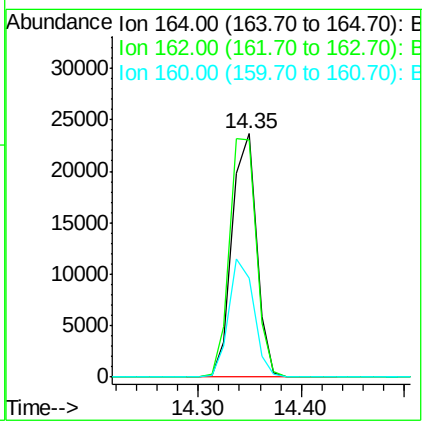


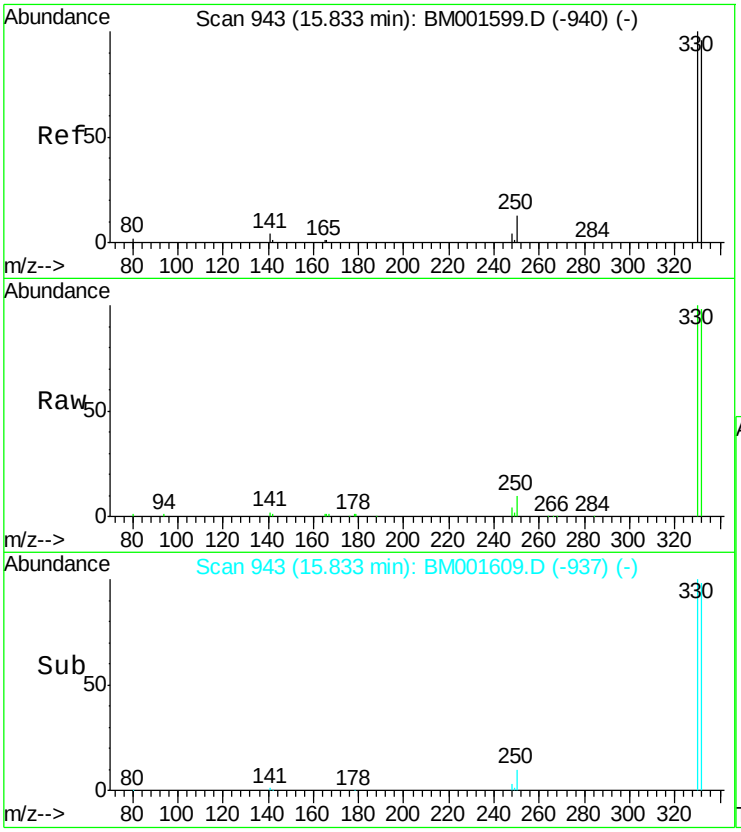


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.35 min Scan# 880
Delta R.T. 0.01 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Tgt Ion:164 Resp: 38493

Ion	Ratio	Lower	Upper
164	100		
162	97.2	79.8	119.6
160	40.9	34.6	51.8



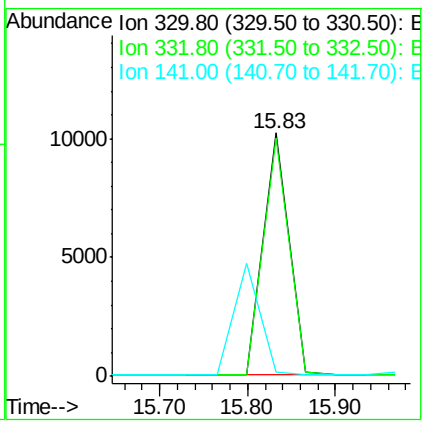


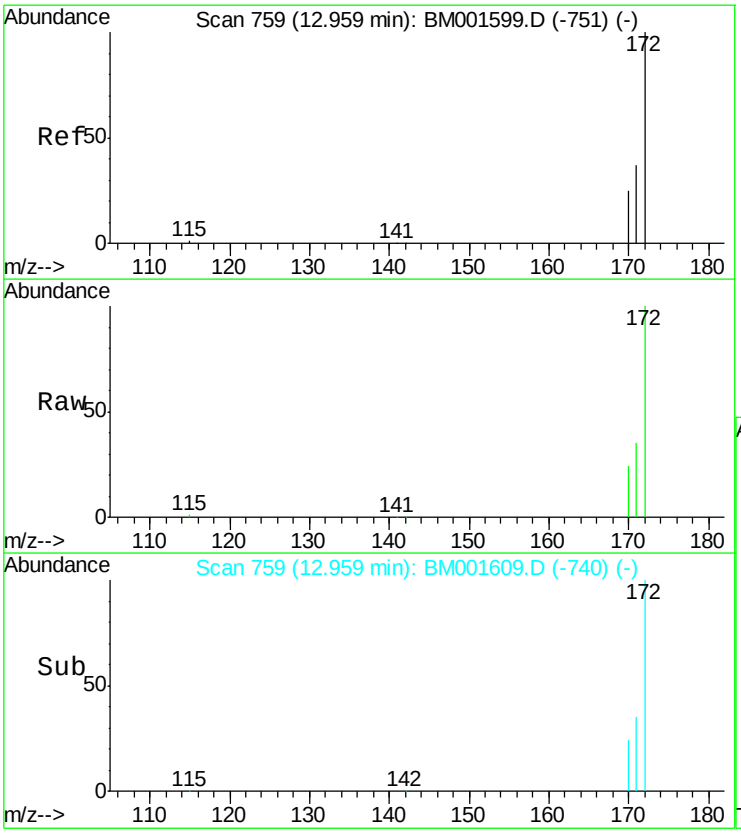
#13
2,4,6-Tribromophenol
Concen: 11.41 ng
RT: 15.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:330 Resp: 21181

Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.7	115.1
141	0.0	0.0	0.0

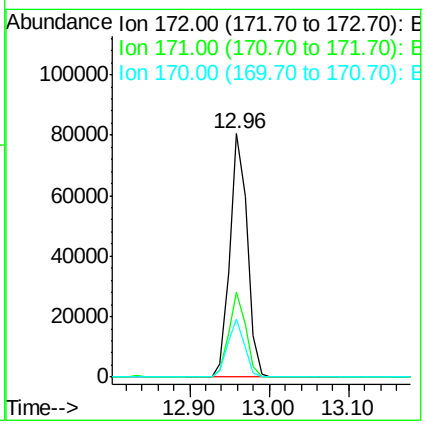


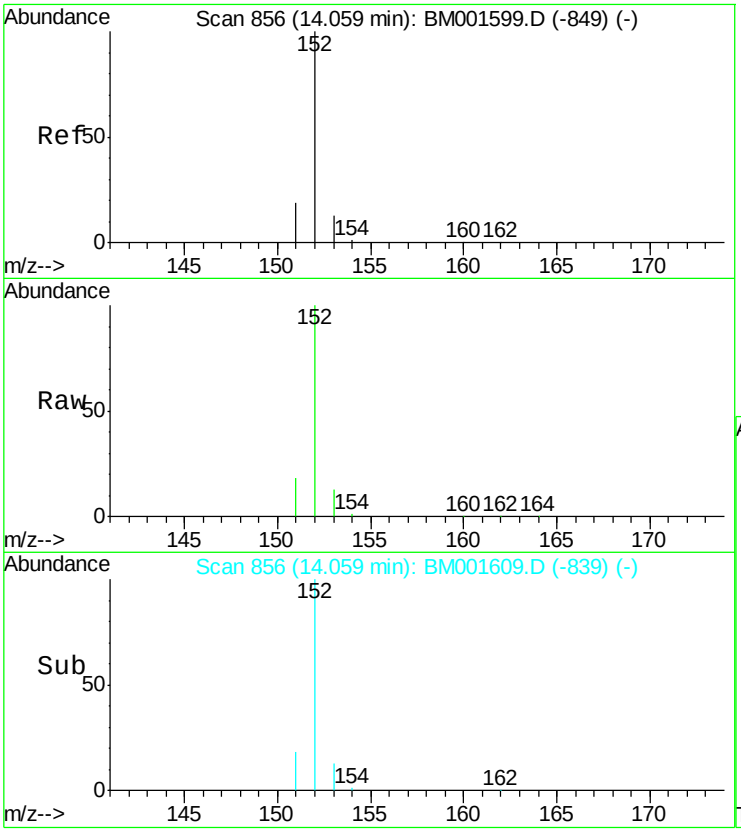


#14
2-Fluorobiphenyl
Concen: 9.69 ng
RT: 12.96 min Scan# 759
Delta R.T. -0.01 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Tgt Ion:172 Resp: 121422

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.9	20.6	31.0



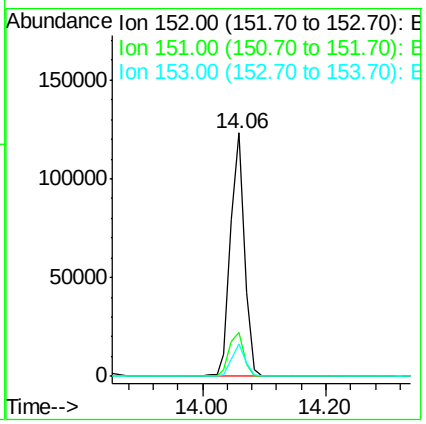


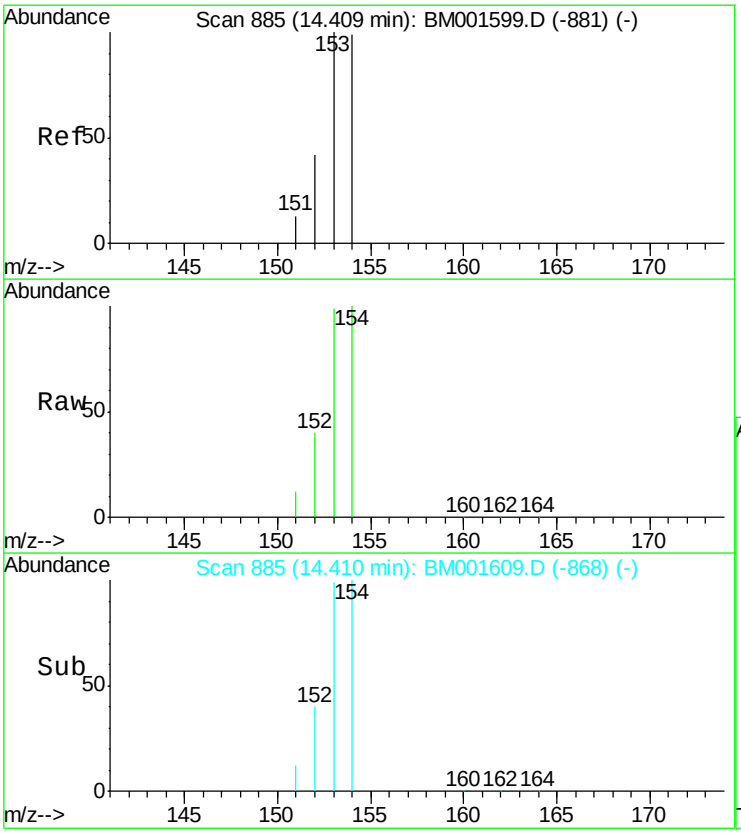
#15
Acenaphthylene
Concen: 10.99 ng
RT: 14.06 min Scan# 856
Delta R.T. 0.01 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:152 Resp: 189905

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.5	23.3
153	12.9	10.3	15.5

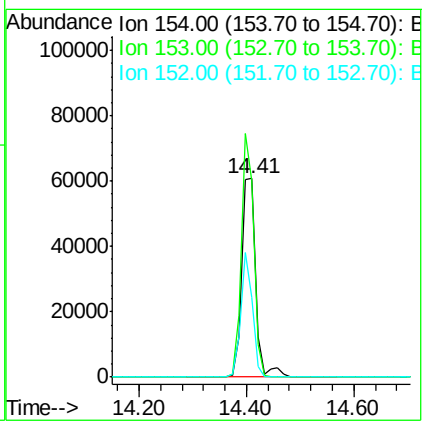


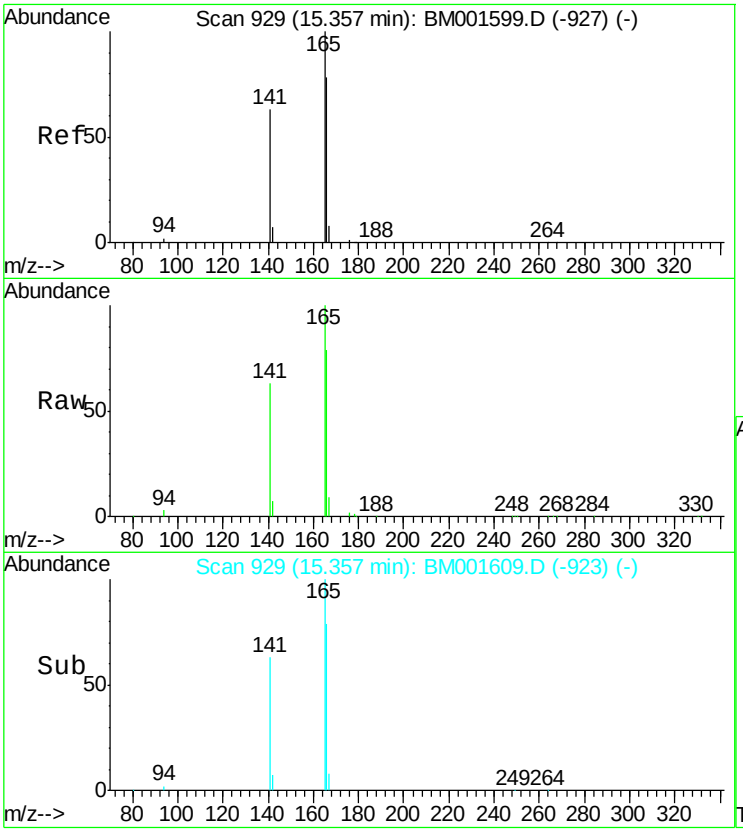


#16
Acenaphthene
Concen: 10.28 ng
RT: 14.41 min Scan# 885
Delta R.T. 0.01 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Tgt Ion:154 Resp: 111755

Ion	Ratio	Lower	Upper
154	100		
153	106.9	89.4	134.0
152	51.3	43.6	65.4



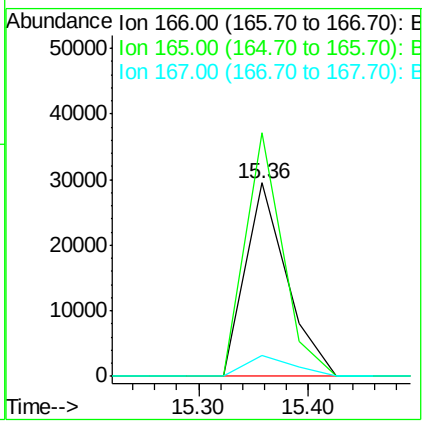


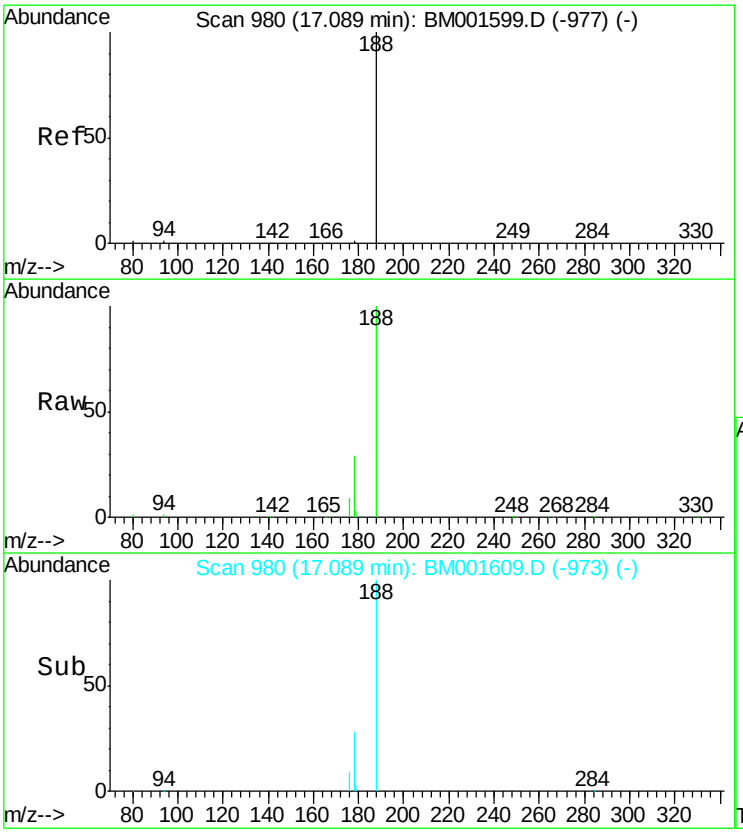
#17
Fluorene
Concen: 10.37 ng
RT: 15.36 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:166 Resp: 76343

Ion	Ratio	Lower	Upper
166	100		
165	113.2	87.8	131.8
167	12.3	10.0	15.0

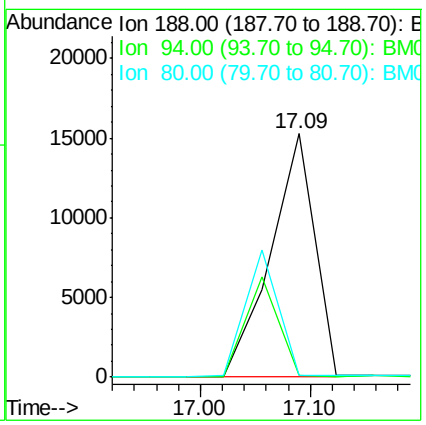


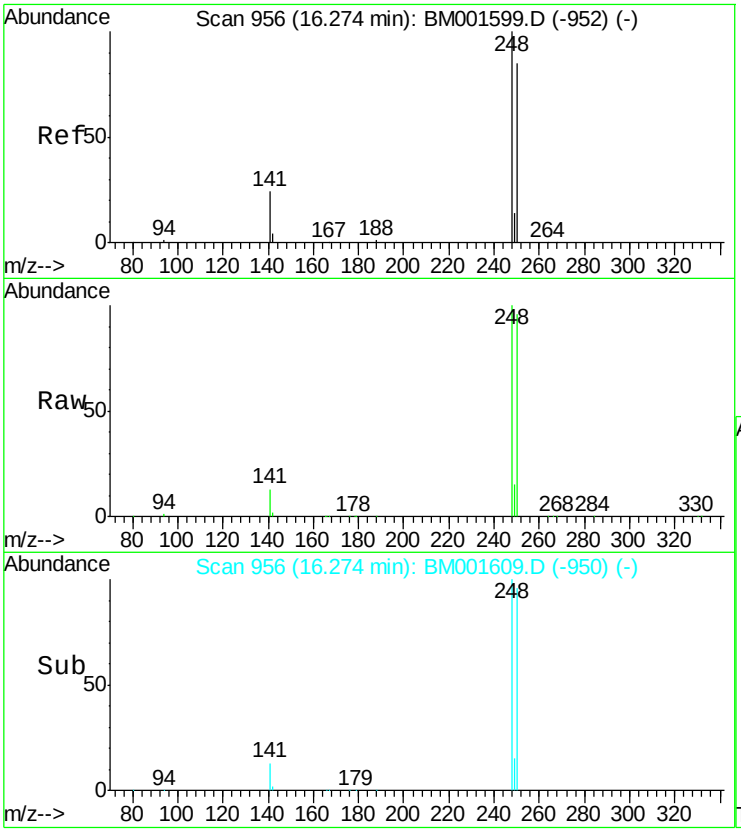


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 980
Delta R.T. 0.03 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Tgt Ion:188 Resp: 42266

Ion	Ratio	Lower	Upper
188	100		
94	0.8	1.0	1.6#
80	0.7	1.0	1.4#



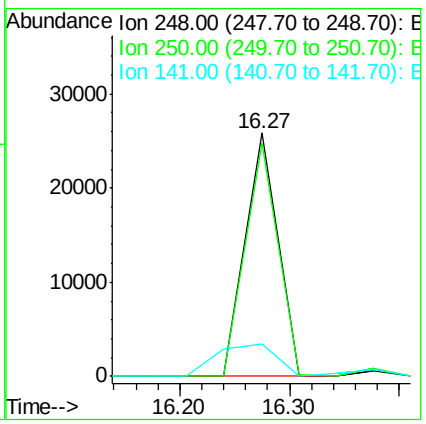


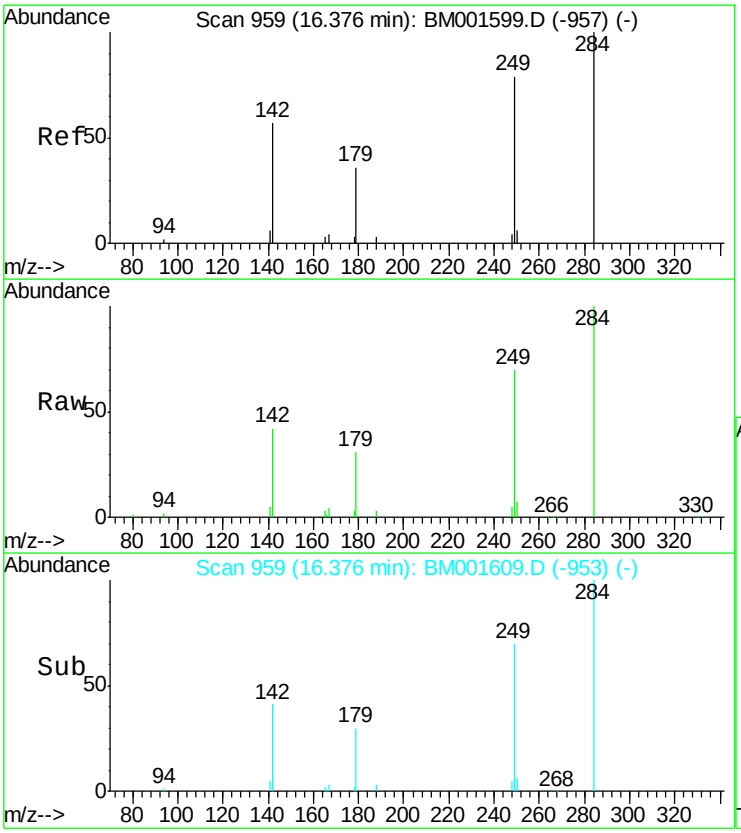
#19
4-Bromophenyl-phenylether
Concen: 13.18 ng
RT: 16.27 min Scan# 956
Delta R.T. -0.01 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:248 Resp: 52833

Ion	Ratio	Lower	Upper
248	100		
250	95.7	68.6	103.0
141	25.1	25.5	38.3#

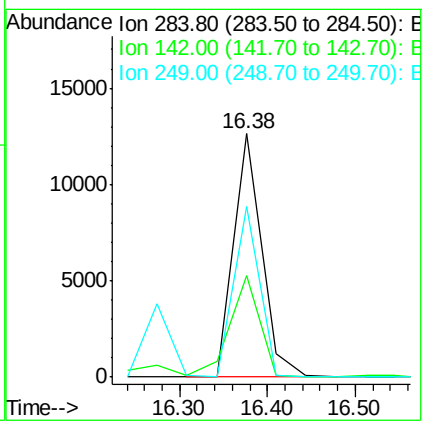


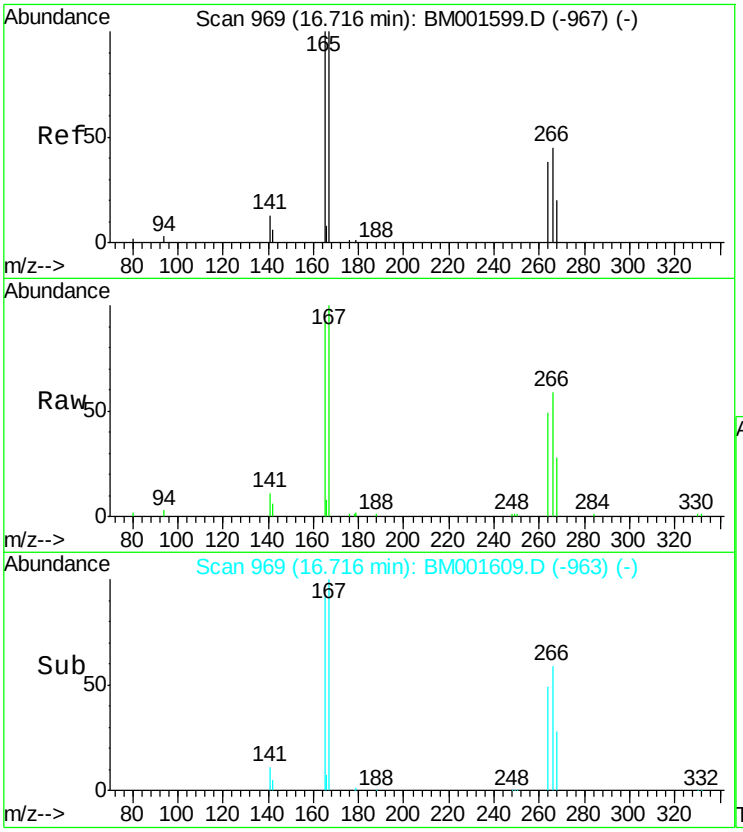


#20
Hexachlorobenzene
Concen: 12.81 ng
RT: 16.38 min Scan# 959
Delta R.T. -0.01 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Tgt Ion:284 Resp: 28084

Ion	Ratio	Lower	Upper
284	100		
142	43.5	47.3	70.9#
249	64.1	75.8	113.6#



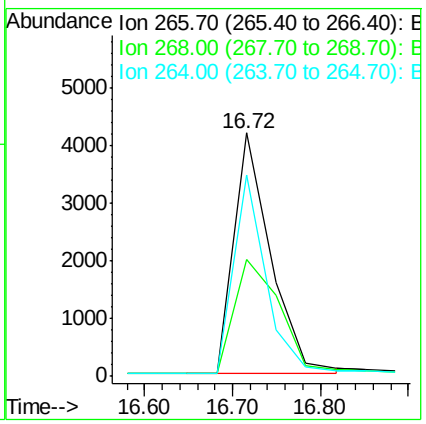


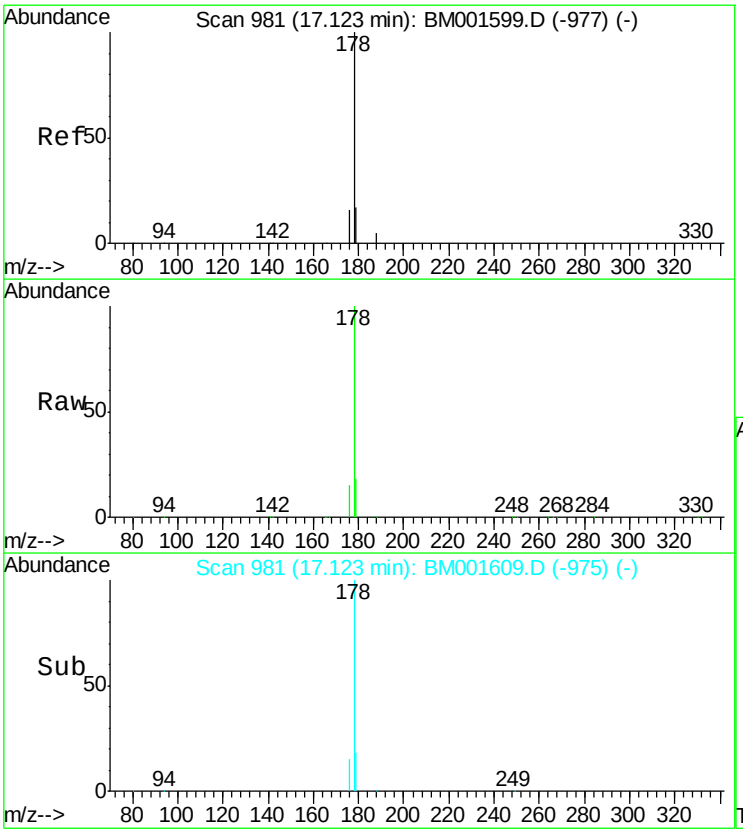
#21
Pentachlorophenol
Concen: 16.83 ng
RT: 16.72 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:266 Resp: 12344

Ion	Ratio	Lower	Upper
266	100		
268	48.0	45.8	68.8
264	82.5	70.6	106.0

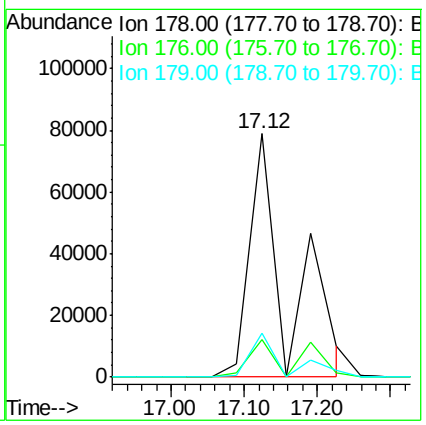


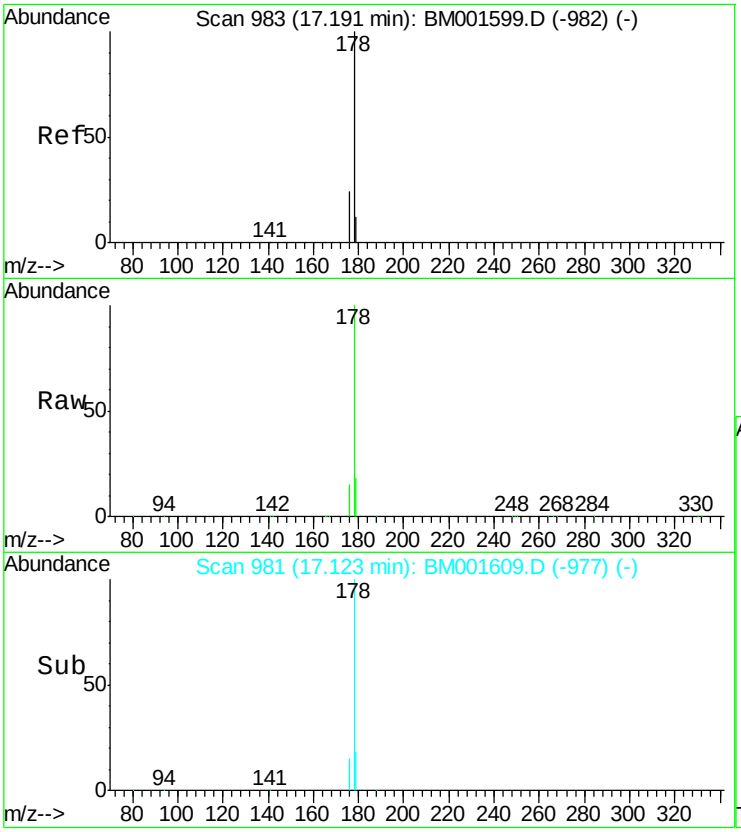


#22
Phenanthrene
Concen: 18.91 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Tgt Ion:178 Resp: 285344

Ion	Ratio	Lower	Upper
178	100		
176	18.5	13.2	19.8
179	15.8	13.8	20.8



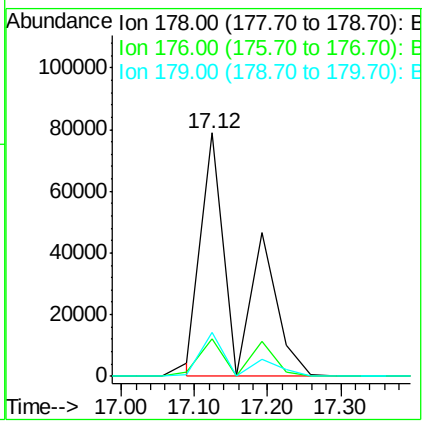


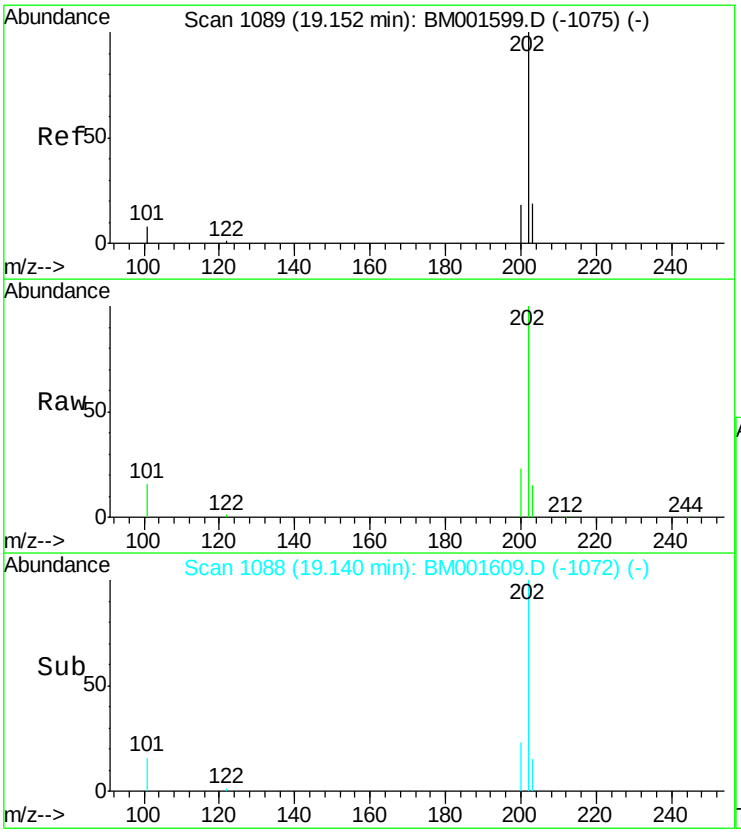
#23
Anthracene
Concen: 30.77 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.07 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:178 Resp: 275426

Ion	Ratio	Lower	Upper
178	100		
176	18.1	21.9	32.9#
179	16.0	23.0	34.4#

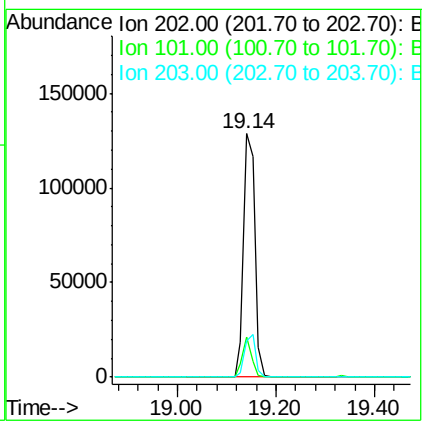


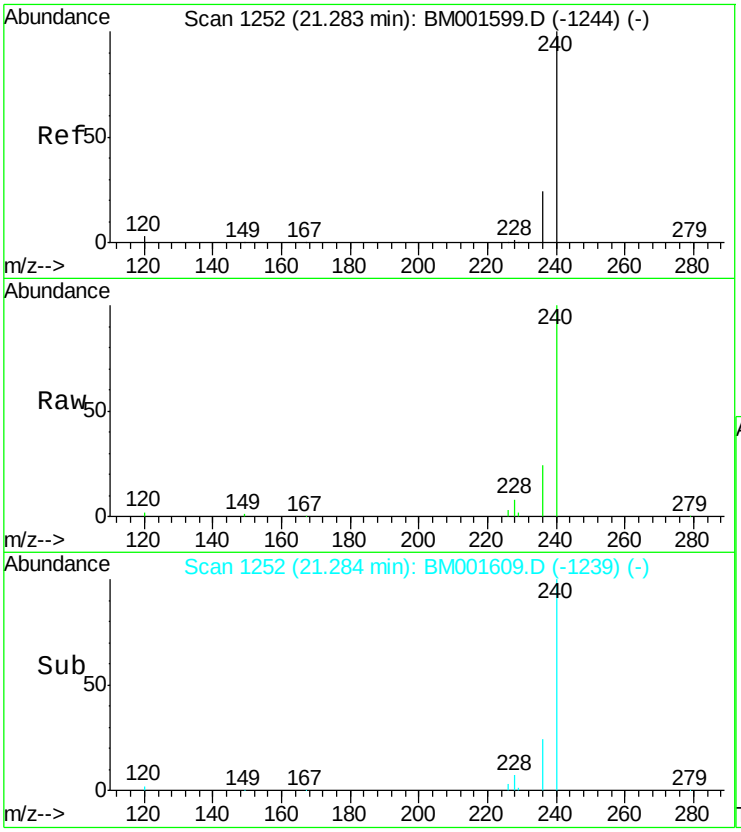


#24
Fluoranthene
Concen: 12.53 ng
RT: 19.14 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Tgt Ion:202 Resp: 204804

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.4	15.6
203	17.2	13.8	20.6



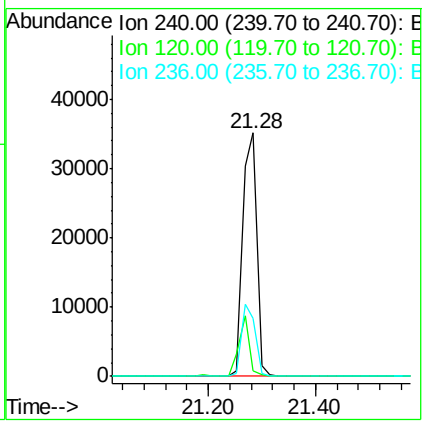


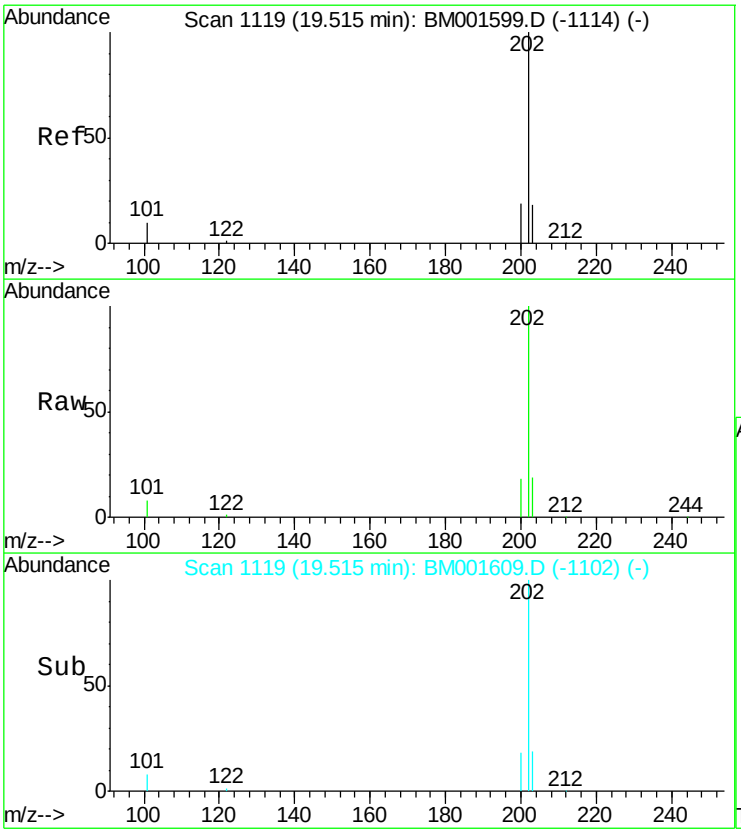
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:240 Resp: 63277

Ion	Ratio	Lower	Upper
240	100		
120	2.2	2.2	3.4
236	23.7	19.6	29.4

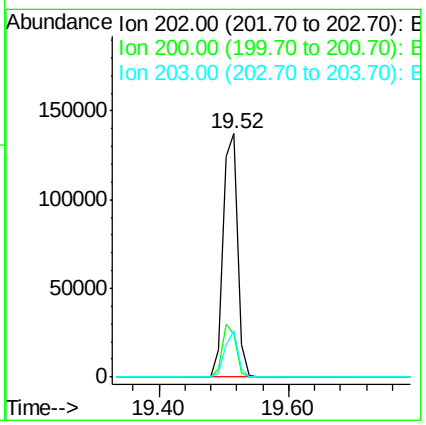


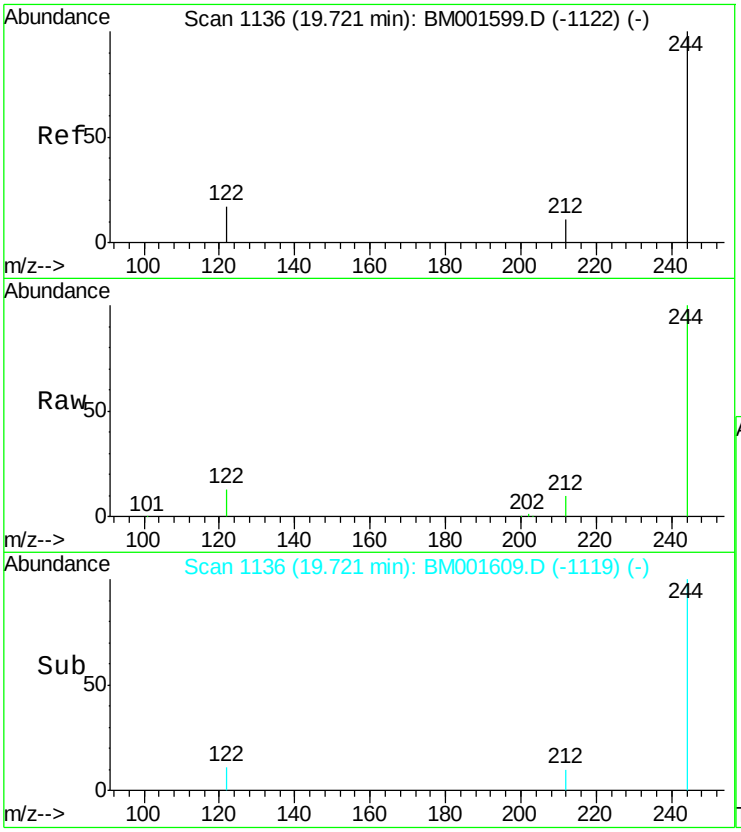


#26
Pyrene
Concen: 10.53 ng
RT: 19.52 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Tgt Ion:202 Resp: 215883

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



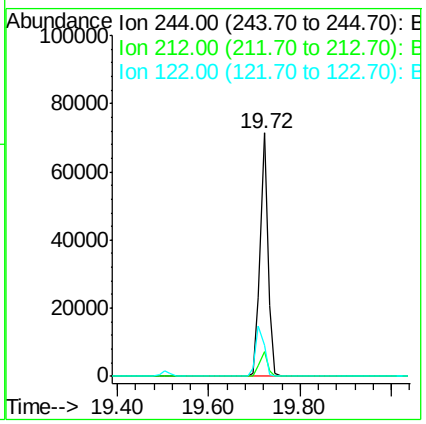


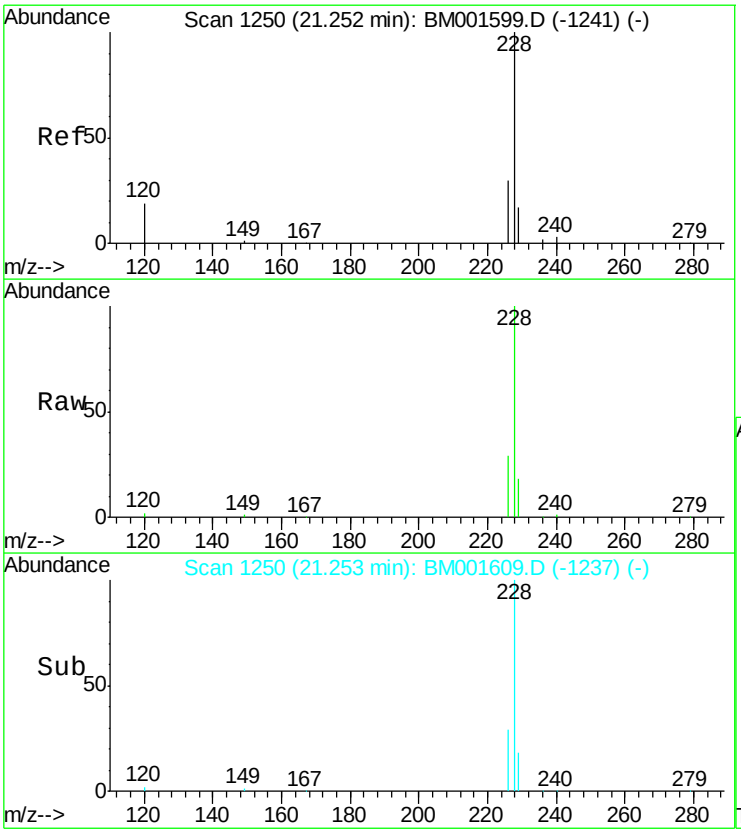
#27
Terphenyl-d14
Concen: 10.32 ng
RT: 19.72 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:244 Resp: 85217

Ion	Ratio	Lower	Upper
244	100		
212	10.0	9.2	13.8
122	12.5	14.5	21.7#

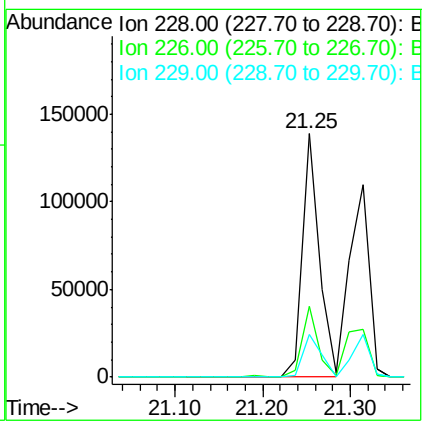


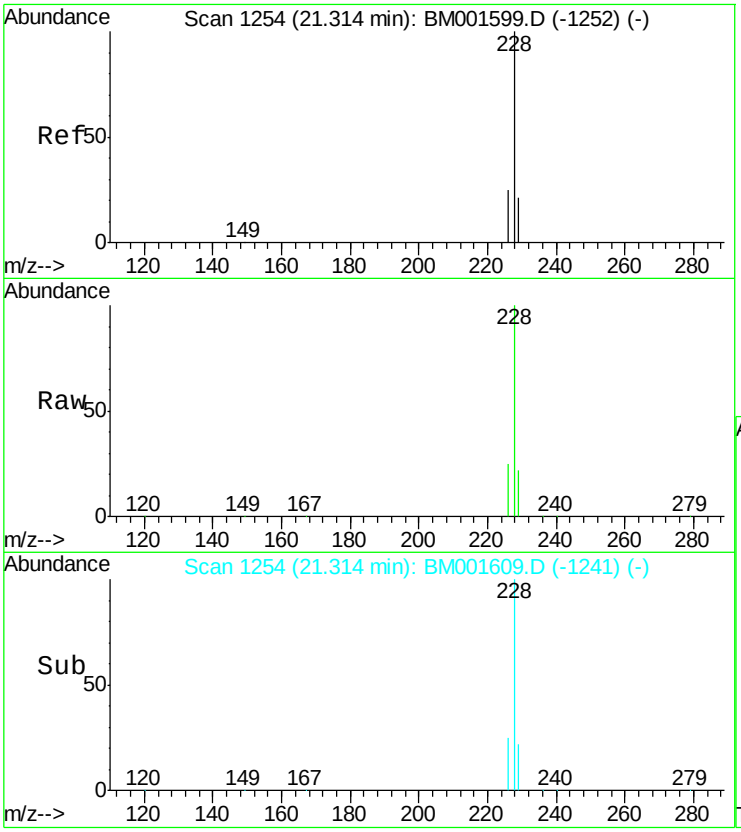


#28
Benzo(a)anthracene
Concen: 10.13 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Tgt Ion:228 Resp: 187145

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.6	37.0
229	17.7	13.8	20.8



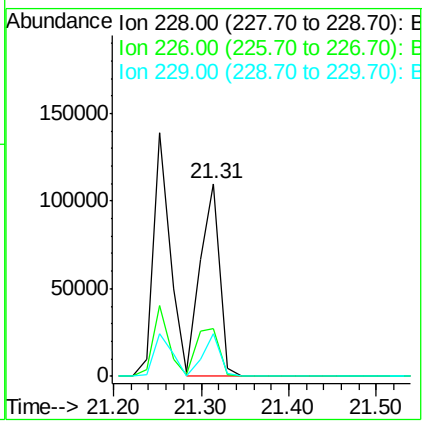


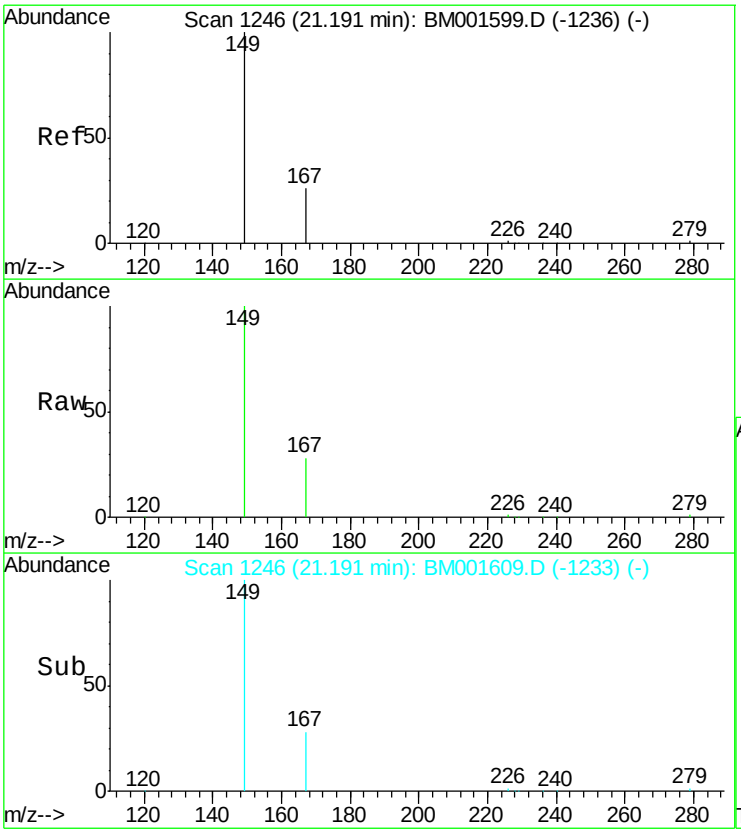
#29
Chrysene
Concen: 9.67 ng
RT: 21.31 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:228 Resp: 169014

Ion	Ratio	Lower	Upper
228	100		
226	25.1	20.6	31.0
229	22.2	17.4	26.2

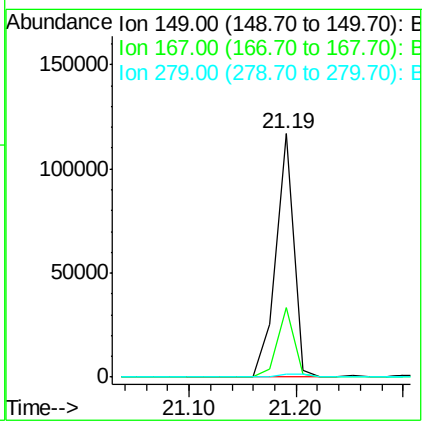


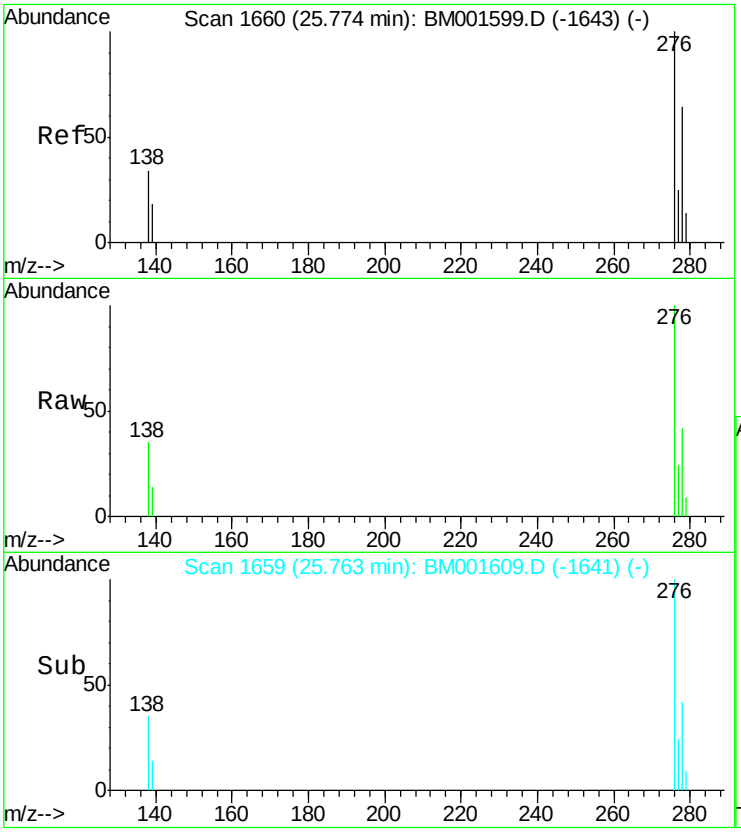


#30
Bis(2-ethylhexyl)phthalate
Concen: 12.63 ng
RT: 21.19 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Tgt Ion:149 Resp: 134862

Ion	Ratio	Lower	Upper
149	100		
167	26.5	20.2	30.4
279	1.9	1.7	2.5



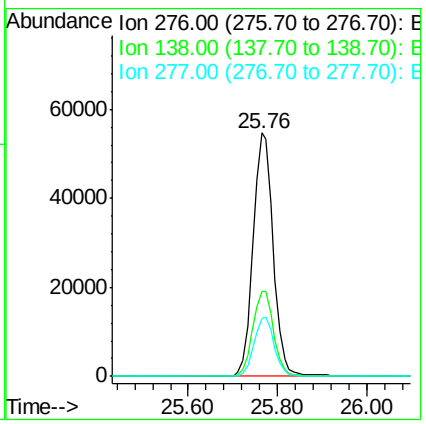


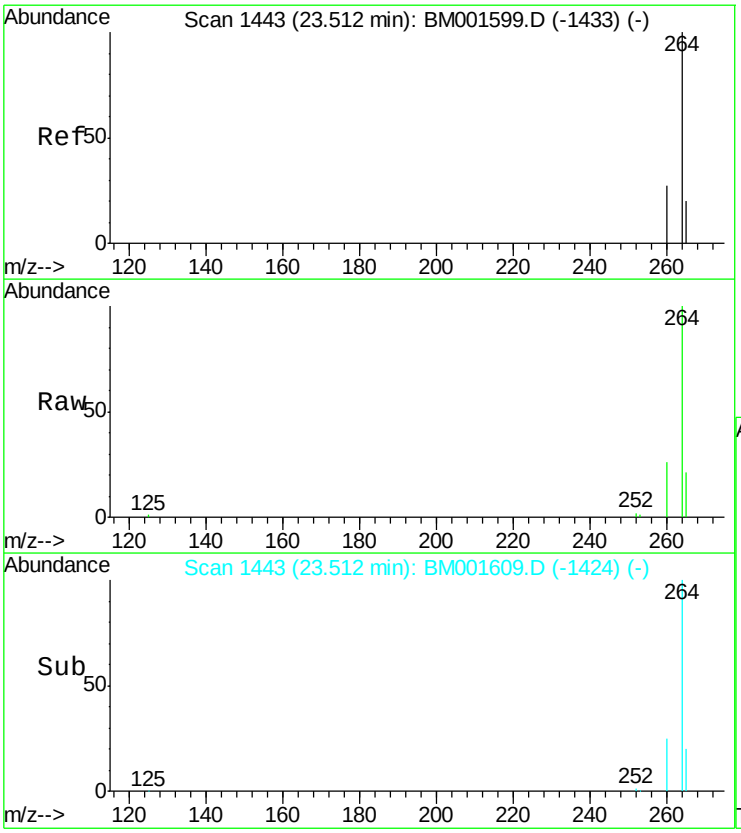
#31
Indeno(1,2,3-cd)pyrene
Concen: 9.62 ng
RT: 25.76 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:276 Resp: 170735

Ion	Ratio	Lower	Upper
276	100		
138	36.3	28.2	42.2
277	24.6	19.4	29.2

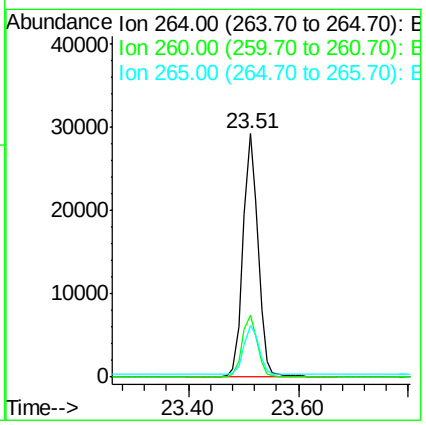


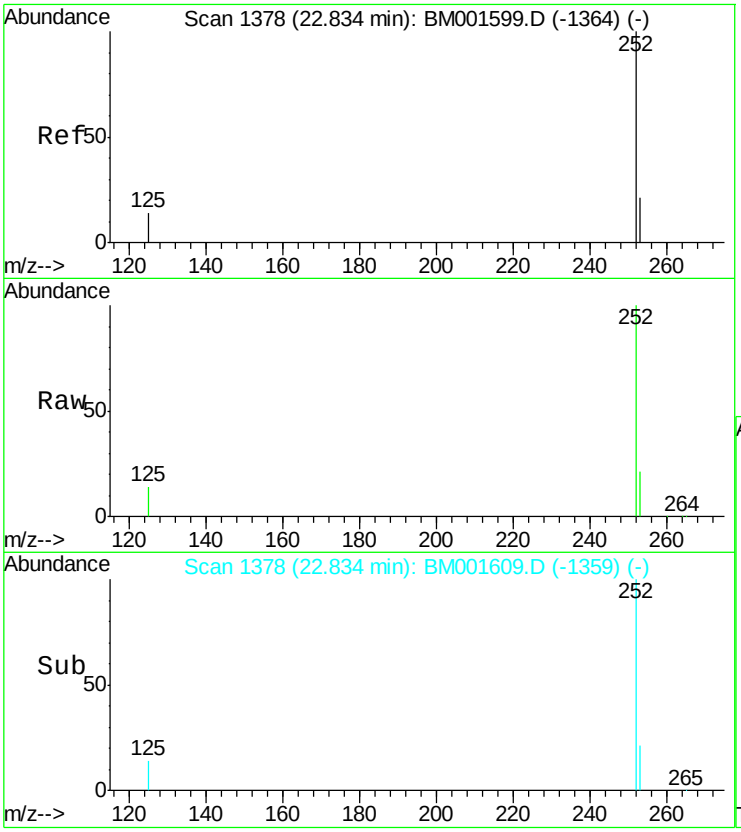


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.51 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Tgt Ion:264 Resp: 55124

Ion	Ratio	Lower	Upper
264	100		
260	25.5	21.8	32.6
265	21.4	16.8	25.2



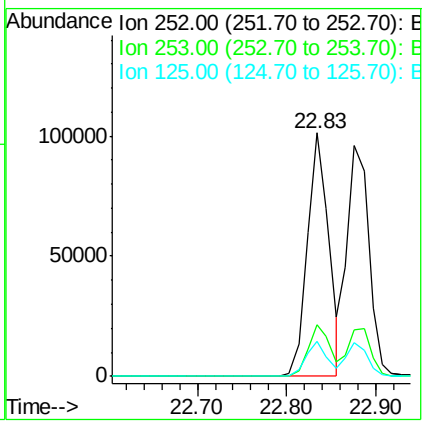


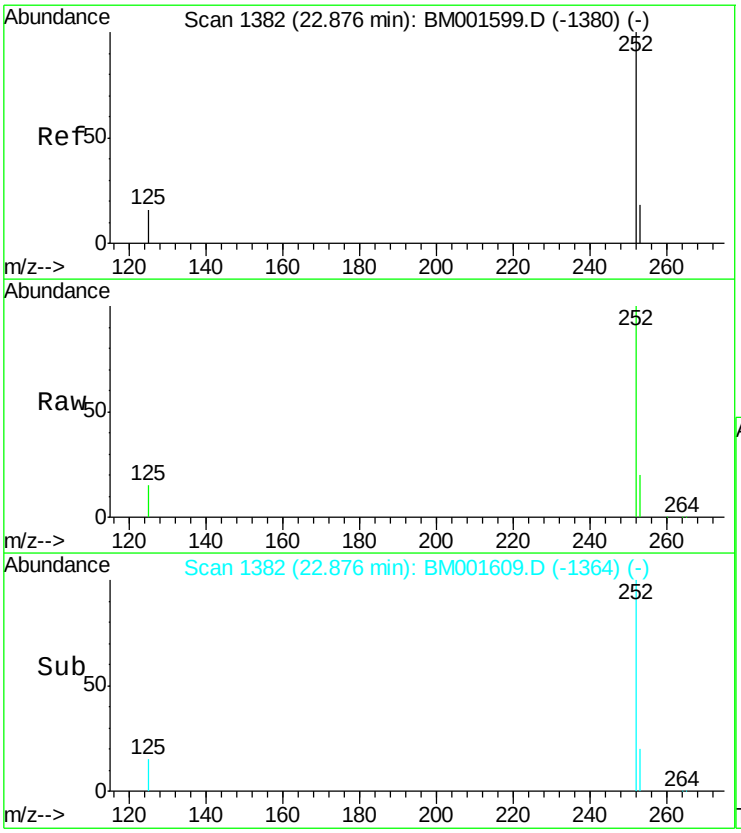
#33
Benzo(b)fluoranthene
Concen: 10.20 ng
RT: 22.83 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:252 Resp: 169093

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.6	26.4
125	14.2	12.4	18.6

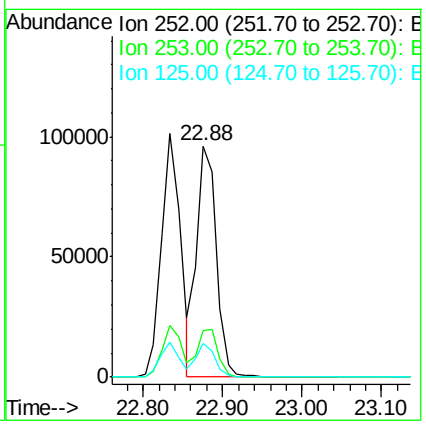


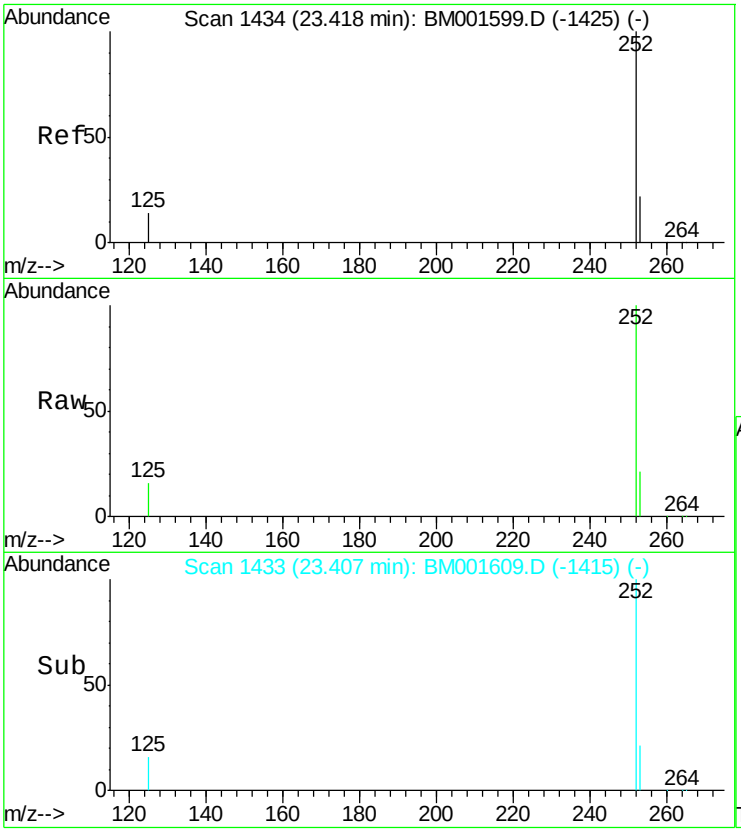


#34
Benzo(k)fluoranthene
Concen: 10.26 ng
RT: 22.88 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Tgt Ion:252 Resp: 164019

Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.1	25.7
125	14.6	12.8	19.2



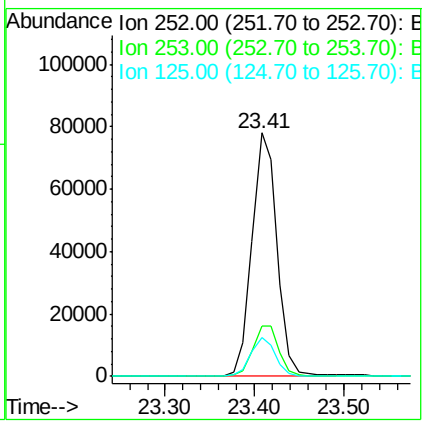


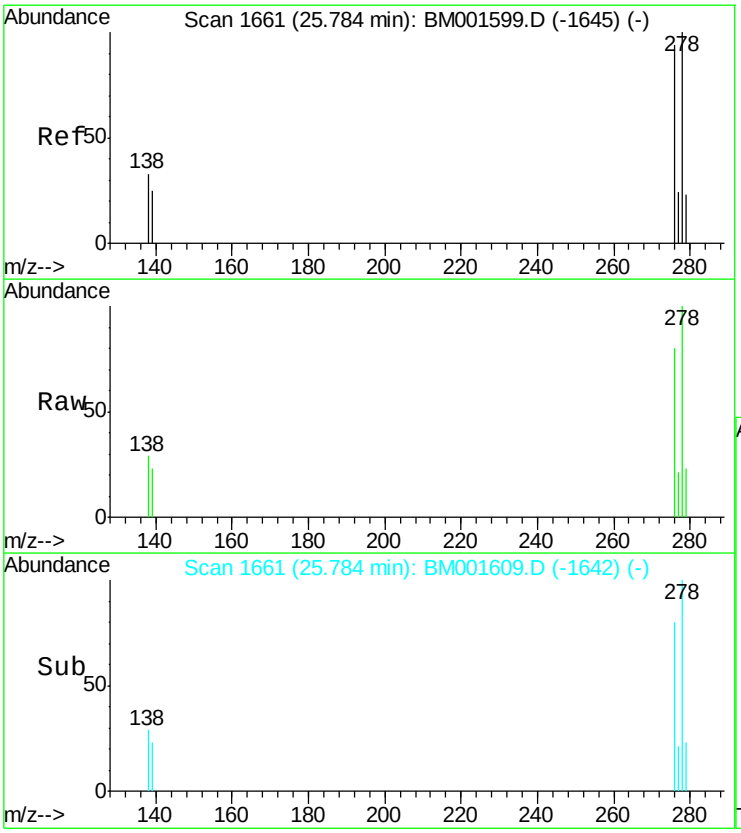
#35
Benzo(a)pyrene
Concen: 10.32 ng
RT: 23.41 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:252 Resp: 151088

Ion	Ratio	Lower	Upper
252	100		
253	20.9	19.4	29.0
125	16.1	13.0	19.6

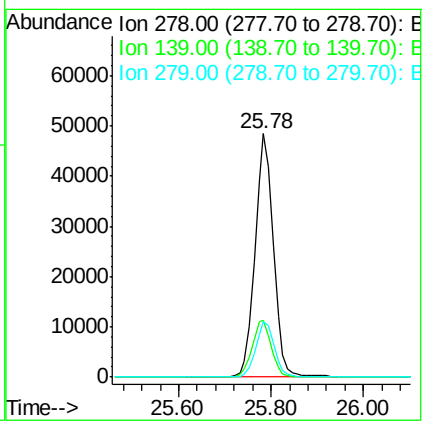


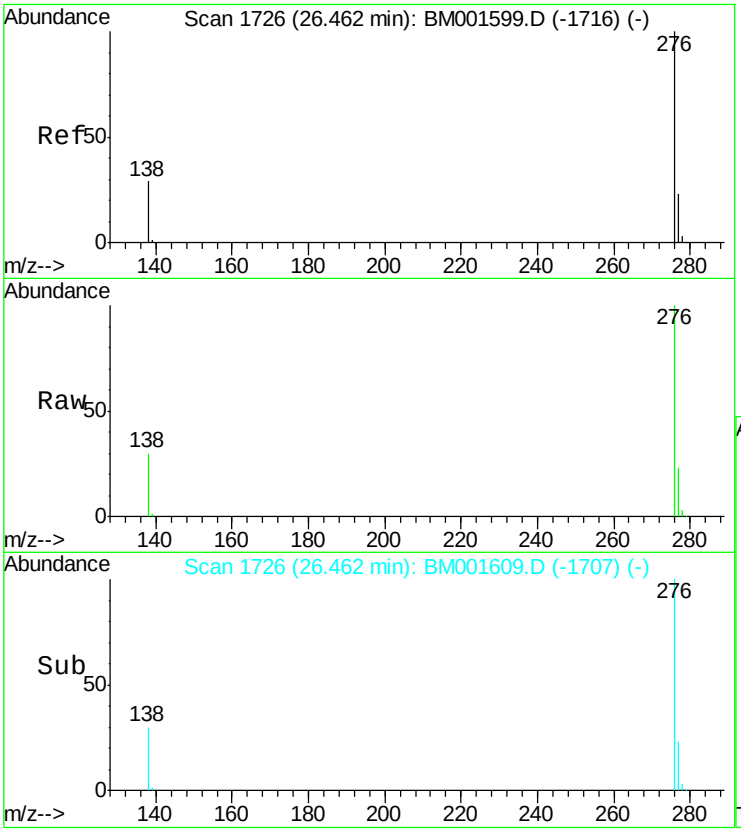


#36
Dibenzo(a,h)anthracene
Concen: 9.99 ng
RT: 25.78 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Tgt Ion:278 Resp: 133593

Ion	Ratio	Lower	Upper
278	100		
139	23.4	20.6	31.0
279	23.0	19.7	29.5





#37
Benzo(g,h,i)perylene
Concen: 9.55 ng
RT: 26.46 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:276 Resp: 137775

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.0
138	29.9	24.5	36.7