Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
Data File : BM001617.D
Acq On : 09 Jun 2015 14:47
Operator : TP/IZ
Sample : G2558-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 060515-P18-E-D-B

Quant Time: Jun 10 03:29:27 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 03:26:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	19049	5.00	ng		0.00
6) Naphthalene-d8	10.47	136	69102	5.00	ng		0.00
12) Acenaphthene-d10	14.35	164	31778	5.00	ng		0.00
18) Phenanthrene-d10	17.09	188	39875	5.00	ng		0.00
25) Chrysene-d12	21.28	240	51559	5.00	ng		0.00
32) Perylene-d12	23.51	264	45073	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	29263	6.75	ng		0.00
5) Phenol-d6	6.84	99	24986	4.69	ng		0.00
7) Nitrobenzene-d5	8.85	82	39510	8.11	ng		0.00
13) 2,4,6-Tribromophenol	15.83	330	28181	18.32	ng		0.00
14) 2-Fluorobiphenyl	12.96	172	106731	10.32	ng		0.00
27) Terphenyl-d14	19.72	244	112035	16.65	ng		0.00
Target Compounds							Qvalue
8) Nitrobenzene	8.85	77	147	0.03	ng	#	40
21) Pentachlorophenol	16.72	266	69	0.10	ng	#	78
22) Phenanthrene	17.12	178	338	0.02	ng	#	82
23) Anthracene	17.12	178	381	0.05	ng	#	85
28) Benzo(a)anthracene	21.27	228	756	0.05	ng	#	79
29) Chrysene	21.27	228	743	0.05	ng	#	75
30) Bis(2-ethylhexyl)phthalate	21.19	149	51493	5.92	ng		99
31) Indeno(1,2,3-cd)pyrene	25.76	276	861	0.06	ng		94
33) Benzo(b)fluoranthene	22.83	252	407	0.03	ng	#	5
34) Benzo(k)fluoranthene	22.89	252	293	0.02	ng	#	1
35) Benzo(a)pyrene	23.42	252	355	0.03	ng	#	4
36) Dibenzo(a,h)anthracene	25.78	278	806	0.07	ng	#	59
37) Benzo(g,h,i)perylene	26.46	276	700	0.06	ng	#	63

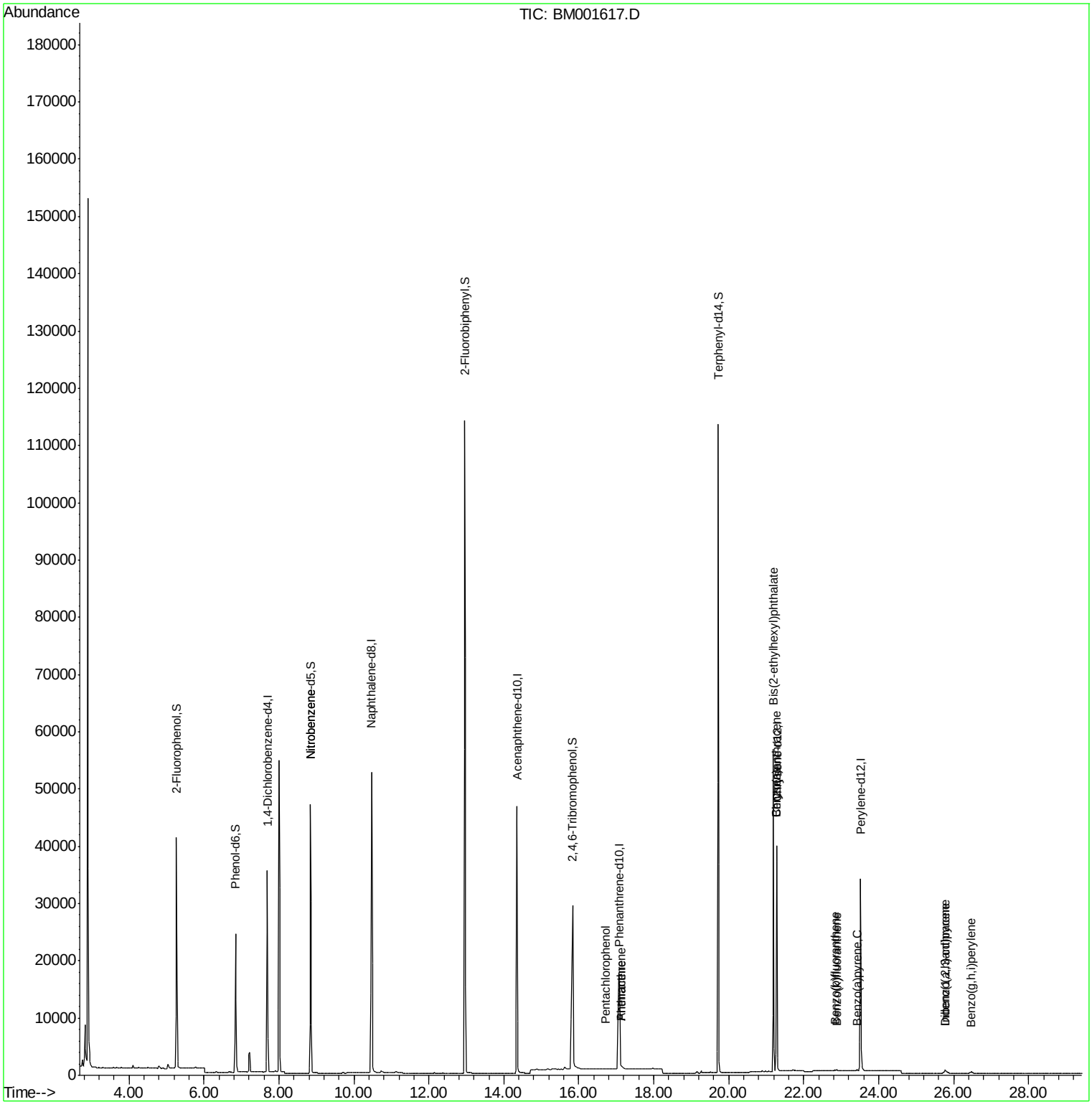
(#) = qualifier out of range (m) = manual integration (+) = signals summed

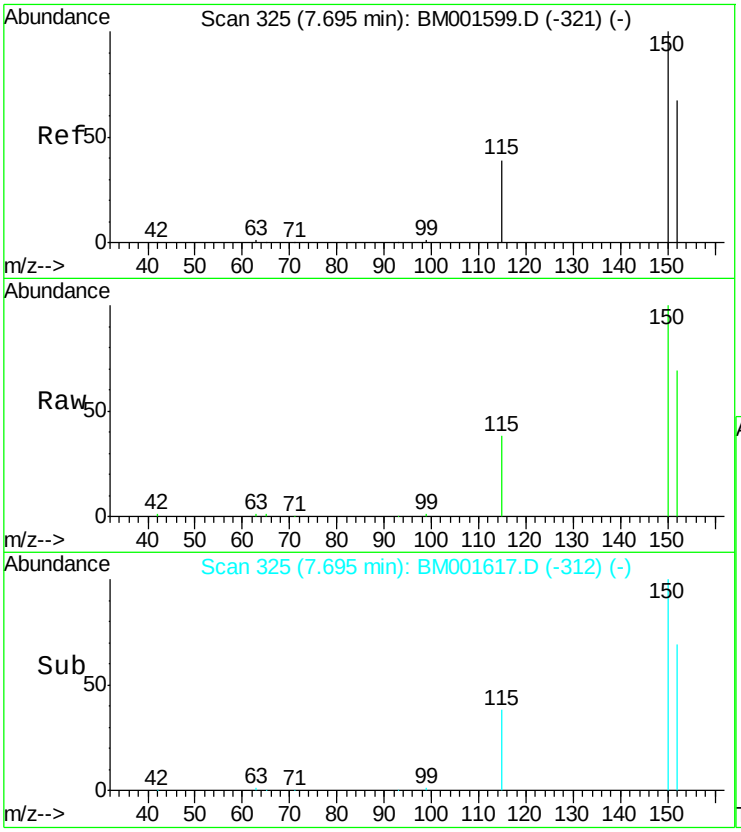
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
Data File : BM001617.D
Acq On : 09 Jun 2015 14:47
Operator : TP/IZ
Sample : G2558-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
060515-P18-E-D-B

Quant Time: Jun 10 03:29:27 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 03:26:36 2015
Response via : Initial Calibration



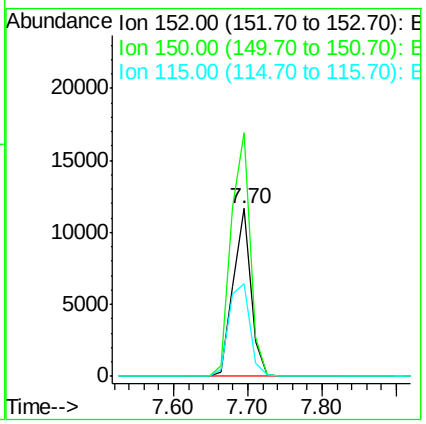


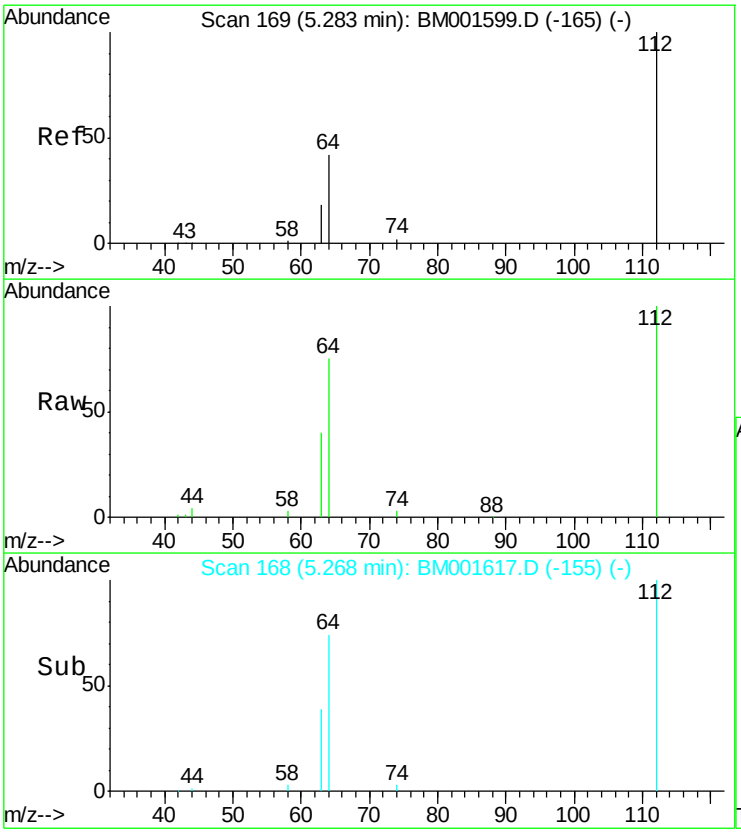
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.70 min Scan# 325
Delta R.T. 0.00 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Instrument :
BNA_M
ClientSampleId :
060515-P18-E-D-B

Tgt Ion:152 Resp: 19049

Ion	Ratio	Lower	Upper
152	100		
150	145.2	120.1	180.1
115	55.0	47.0	70.6

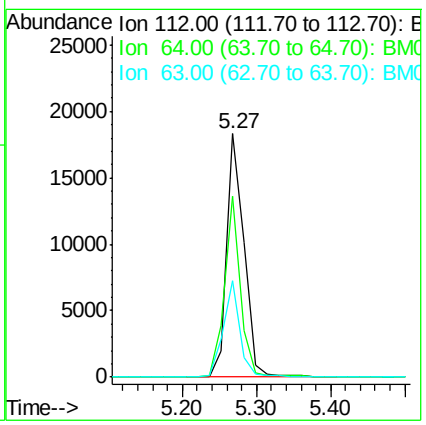


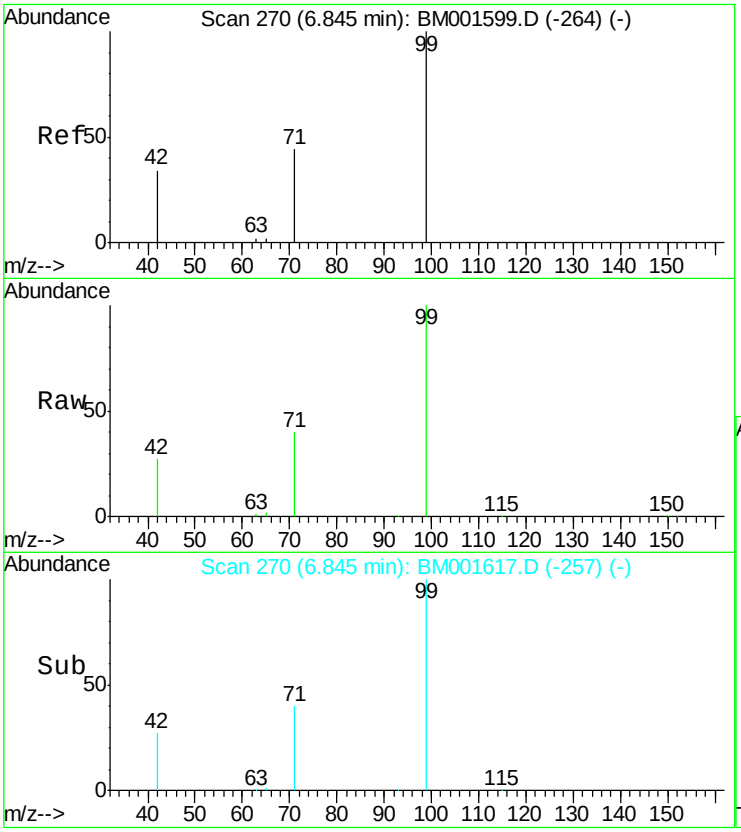


#4
2-Fluorophenol
Concen: 6.75 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Tgt Ion:112 Resp: 29263

Ion	Ratio	Lower	Upper
112	100		
64	67.7	54.8	82.2
63	36.9	30.5	45.7



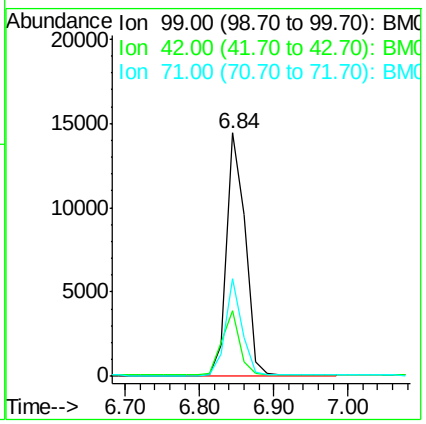


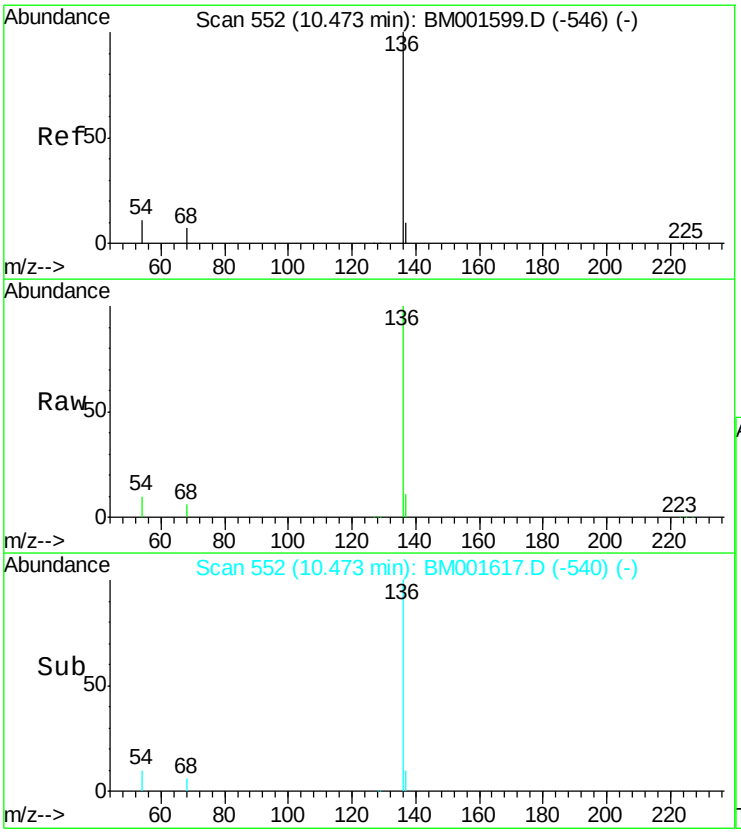
#5
Phenol-d6
Concen: 4.69 ng
RT: 6.84 min Scan# 270
Delta R.T. 0.00 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Instrument :
BNA_M
ClientSampleId :
060515-P18-E-D-B

Tgt Ion: 99 Resp: 24986

Ion	Ratio	Lower	Upper
99	100		
42	24.8	21.6	32.4
71	35.6	28.7	43.1

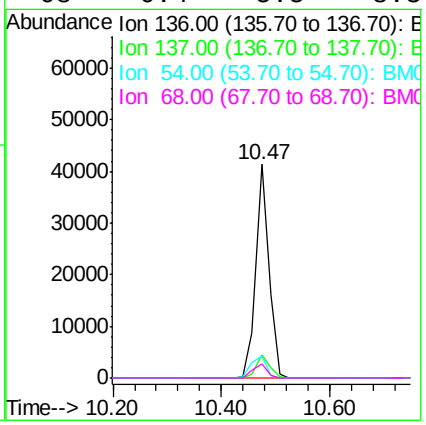


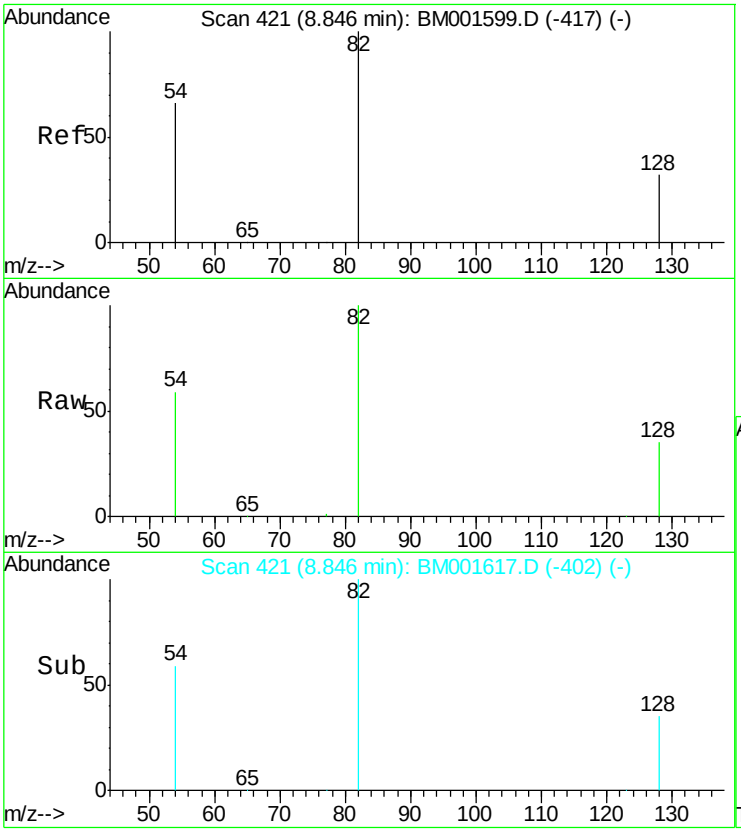


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.47 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Tgt Ion:136 Resp: 69102

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.3	12.5
54	10.2	9.2	13.8
68	6.4	5.5	8.3



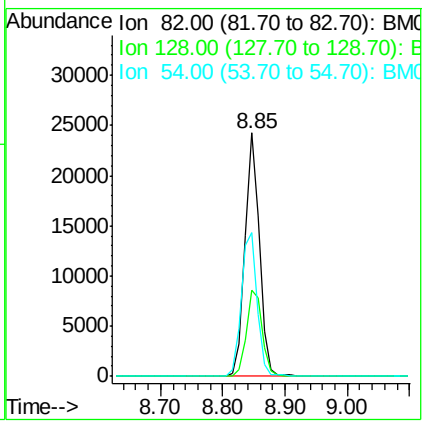


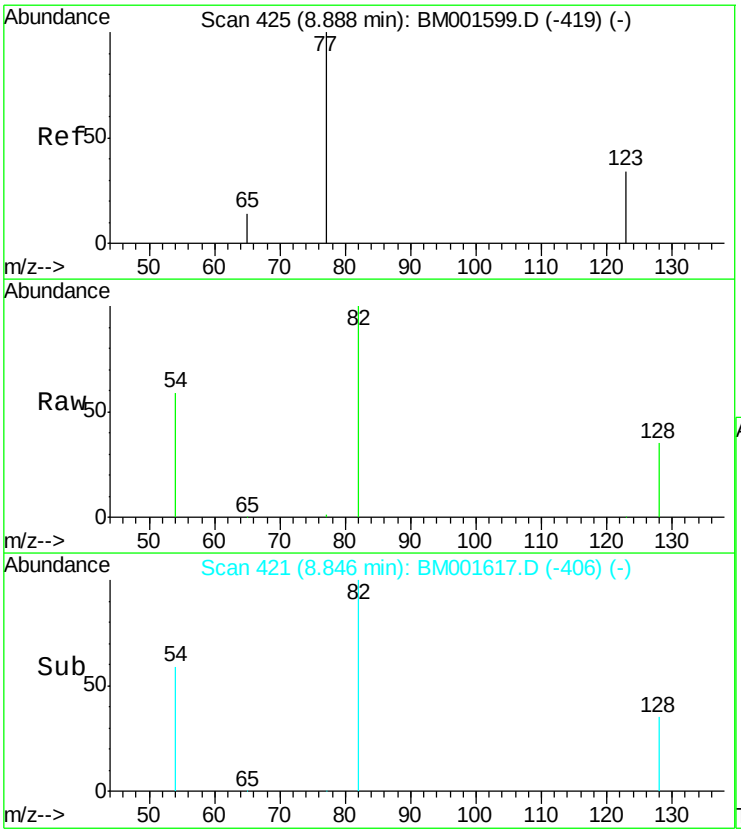
#7
Nitrobenzene-d5
Concen: 8.11 ng
RT: 8.85 min Scan# 421
Delta R.T. 0.00 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Instrument :
BNA_M
ClientSampleId :
060515-P18-E-D-B

Tgt Ion: 82 Resp: 39510

Ion	Ratio	Lower	Upper
82	100		
128	35.2	26.6	40.0
54	58.8	53.0	79.6

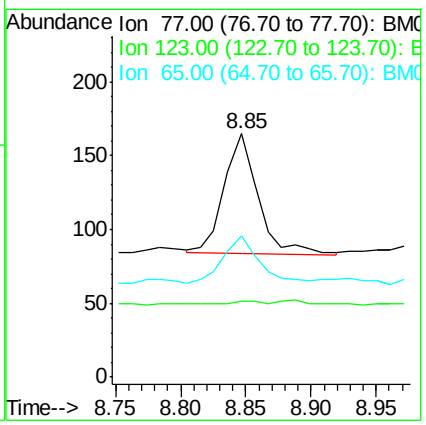


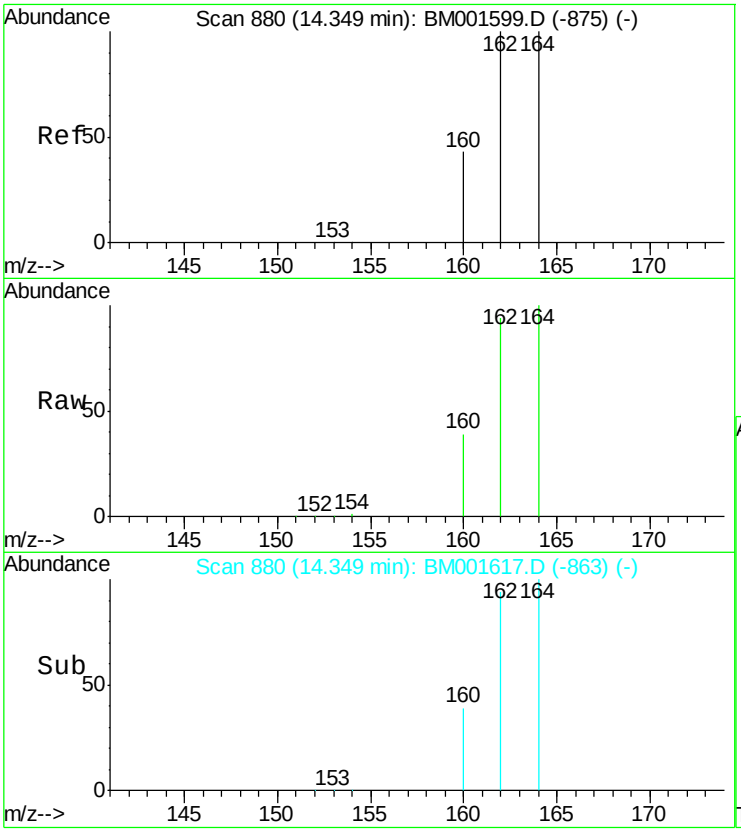


#8
Nitrobenzene
Concen: 0.03 ng
RT: 8.85 min Scan# 421
Delta R.T. -0.04 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Tgt Ion: 77 Resp: 147

Ion	Ratio	Lower	Upper
77	100		
123	2.7	31.0	46.6#
65	40.1	11.4	17.0#



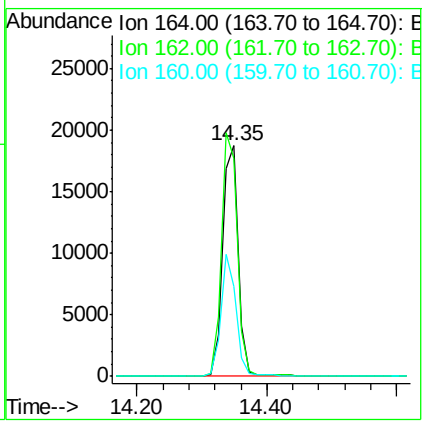


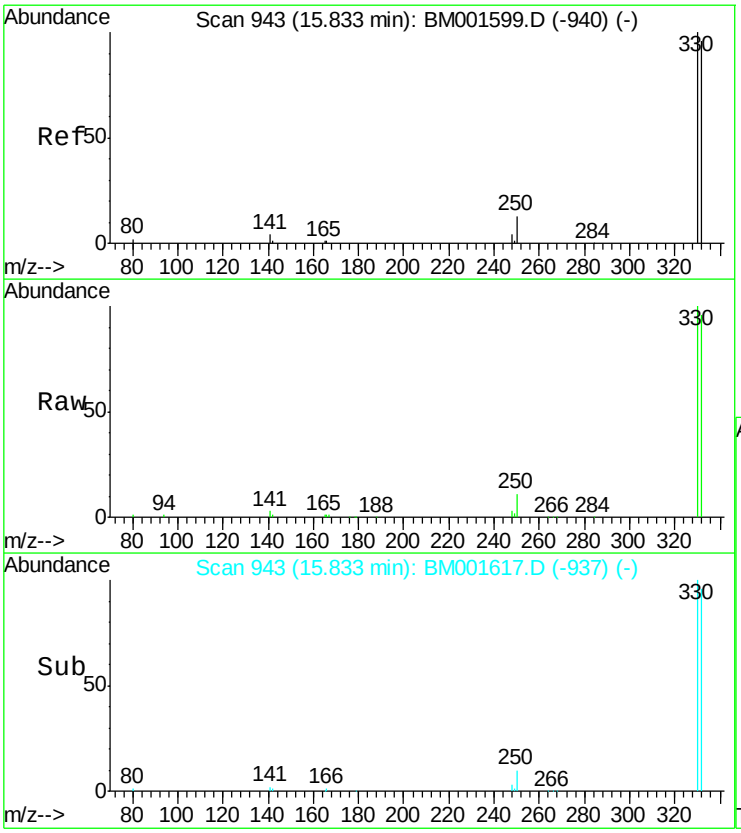
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.35 min Scan# 880
Delta R.T. 0.00 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Instrument :
BNA_M
ClientSampleId :
060515-P18-E-D-B

Tgt Ion:164 Resp: 31778

Ion	Ratio	Lower	Upper
164	100		
162	94.5	79.8	119.6
160	39.2	34.6	51.8

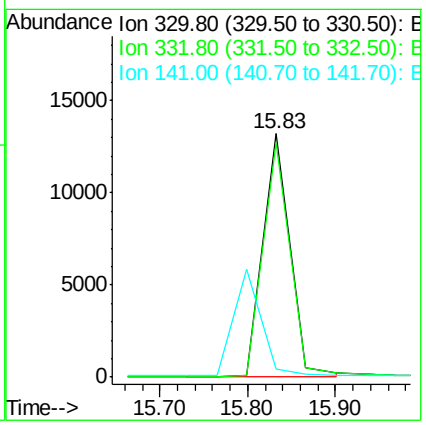


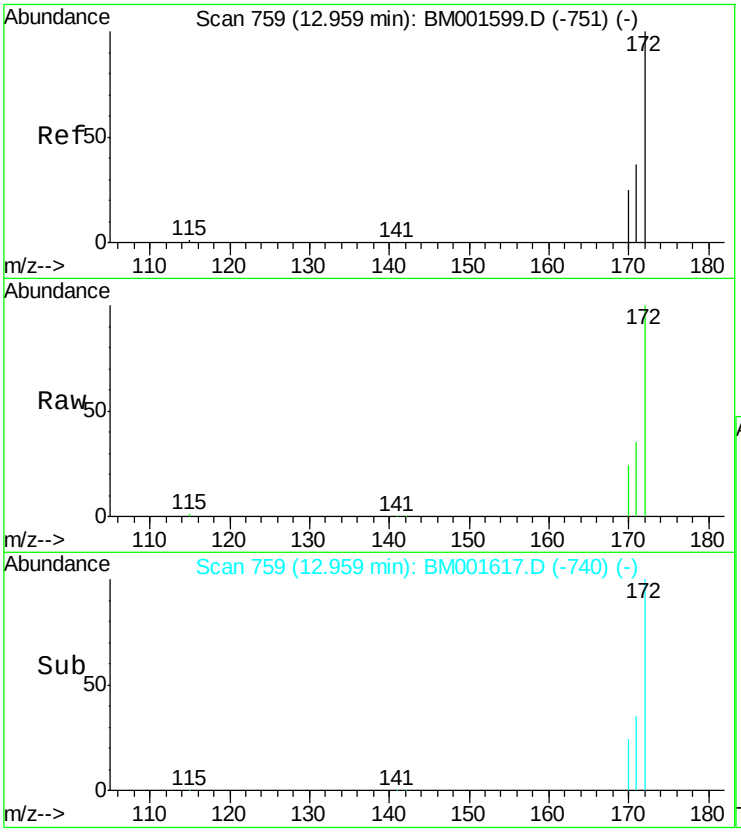


#13
2,4,6-Tribromophenol
Concen: 18.32 ng
RT: 15.83 min Scan# 943
Delta R.T. 0.00 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Tgt Ion:330 Resp: 28181

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	0.0	0.0	0.0



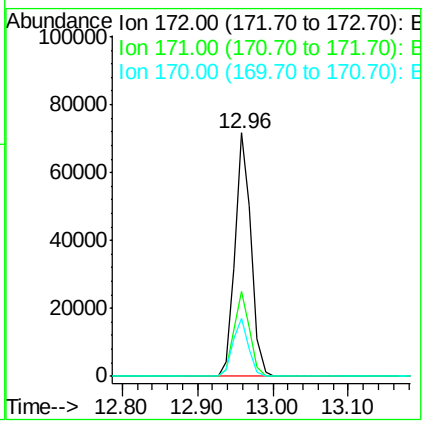


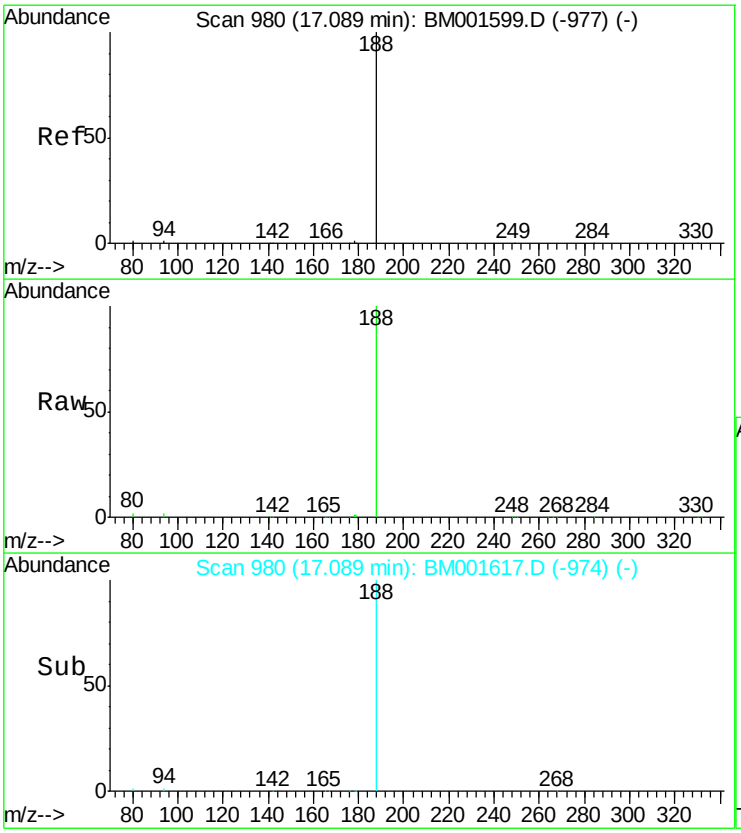
#14
2-Fluorobiphenyl
Concen: 10.32 ng
RT: 12.96 min Scan# 759
Delta R.T. 0.00 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Instrument :
BNA_M
ClientSampleId :
060515-P18-E-D-B

Tgt Ion:172 Resp: 106731

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.7	20.6	31.0

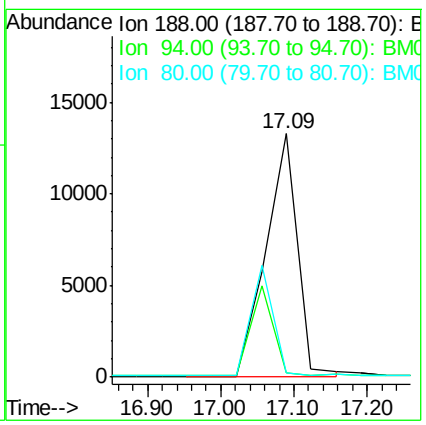


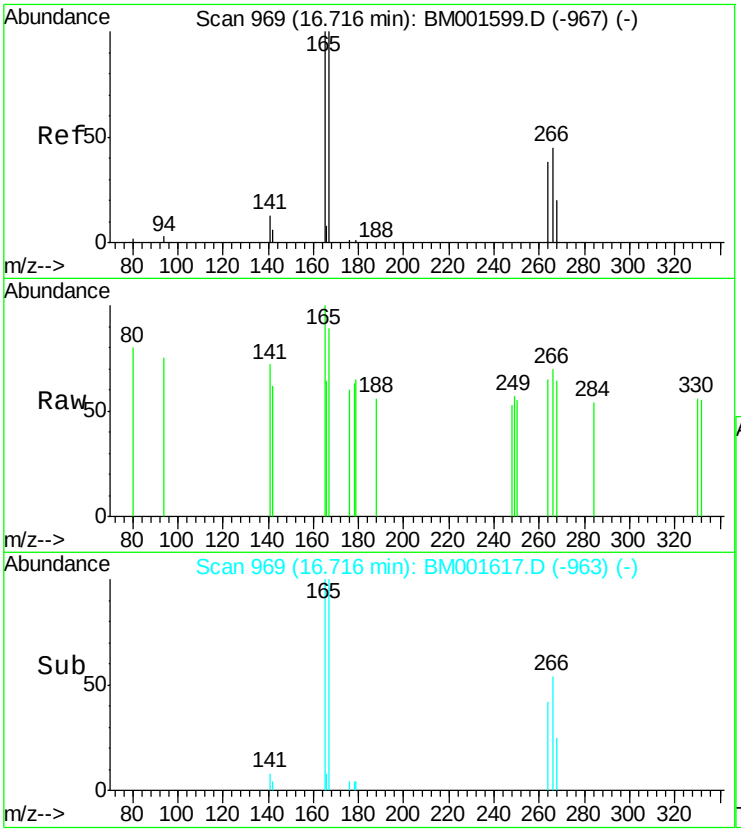


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 980
Delta R.T. 0.00 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Tgt Ion:188 Resp: 39875

Ion	Ratio	Lower	Upper
188	100		
94	1.5	1.0	1.6
80	1.6	1.0	1.4#



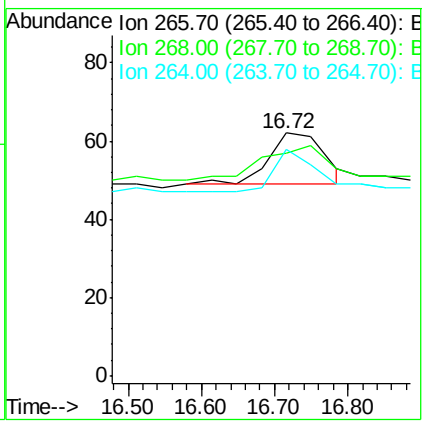


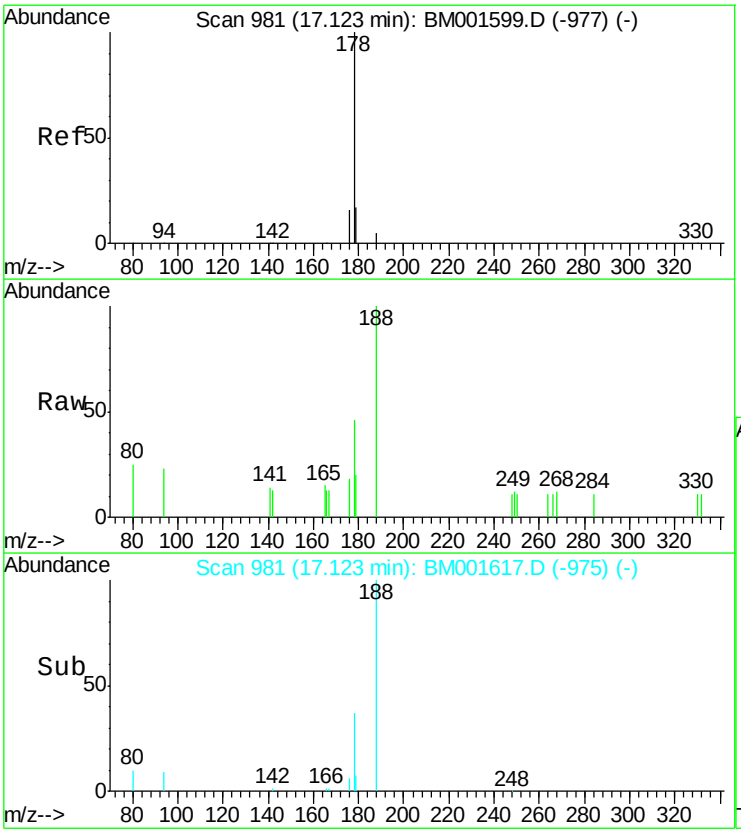
#21
Pentachlorophenol
Concen: 0.10 ng
RT: 16.72 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Instrument :
BNA_M
ClientSampleId :
060515-P18-E-D-B

Tgt Ion:266 Resp: 69

Ion	Ratio	Lower	Upper
266	100		
268	91.9	45.8	68.8#
264	93.5	70.6	106.0

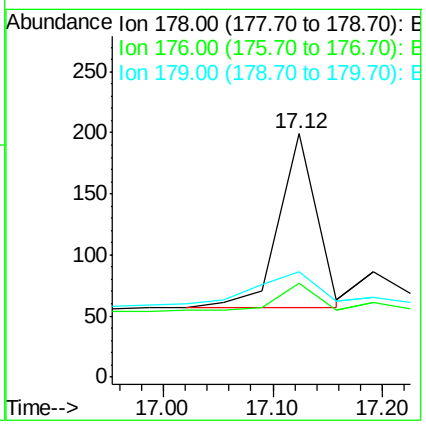


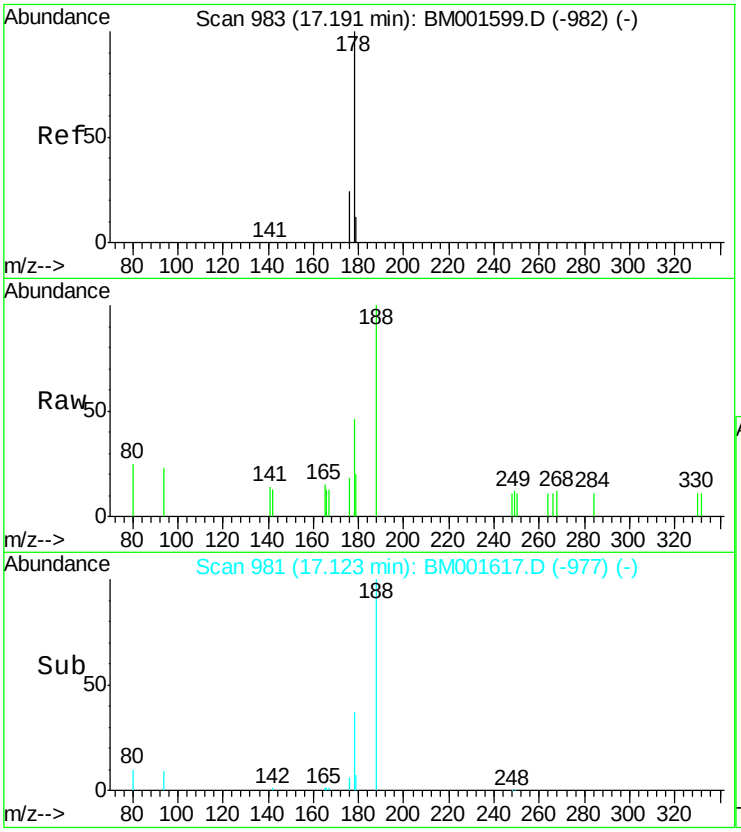


#22
Phenanthrene
Concen: 0.02 ng
RT: 17.12 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Tgt Ion:178 Resp: 338

Ion	Ratio	Lower	Upper
178	100		
176	17.5	13.2	19.8
179	31.4	13.8	20.8#



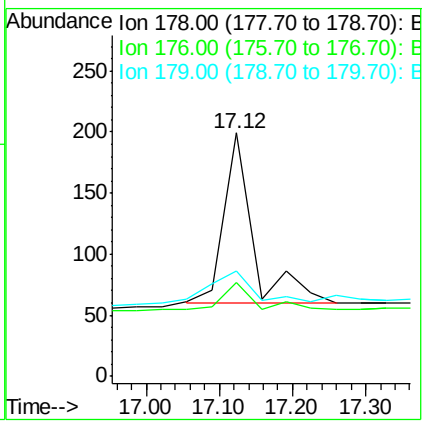


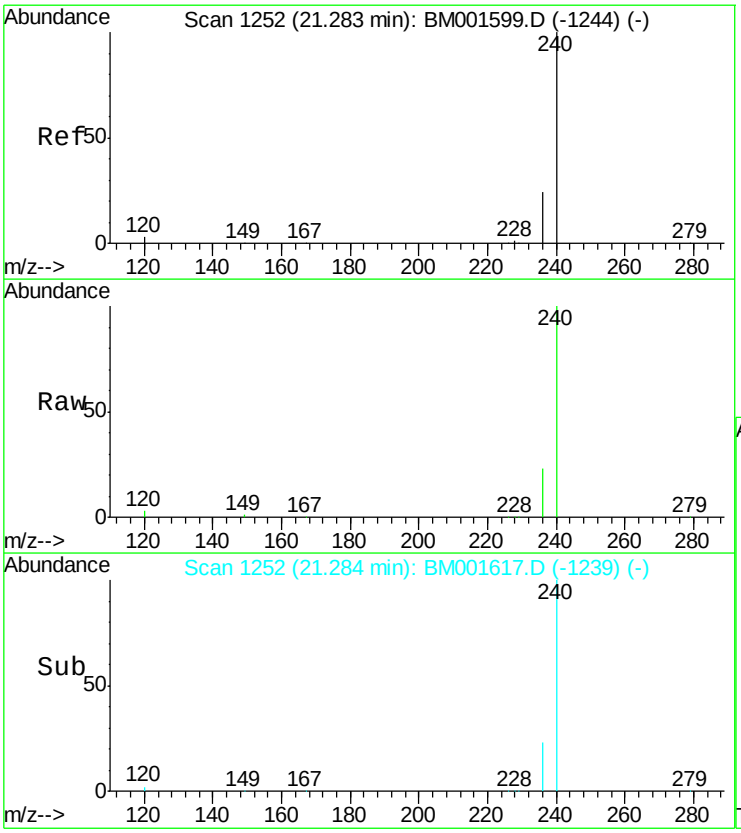
#23
Anthracene
Concen: 0.05 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.07 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Instrument :
BNA_M
ClientSampleId :
060515-P18-E-D-B

Tgt Ion:178 Resp: 381

Ion	Ratio	Lower	Upper
178	100		
176	16.5	21.9	32.9#
179	24.1	23.0	34.4

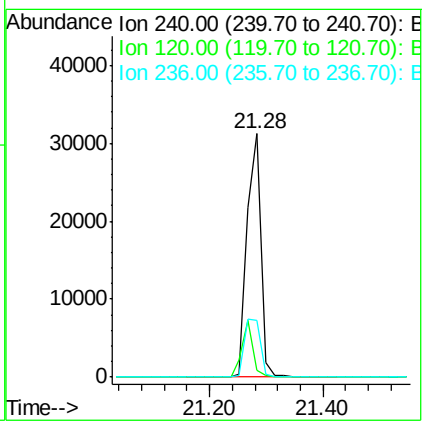


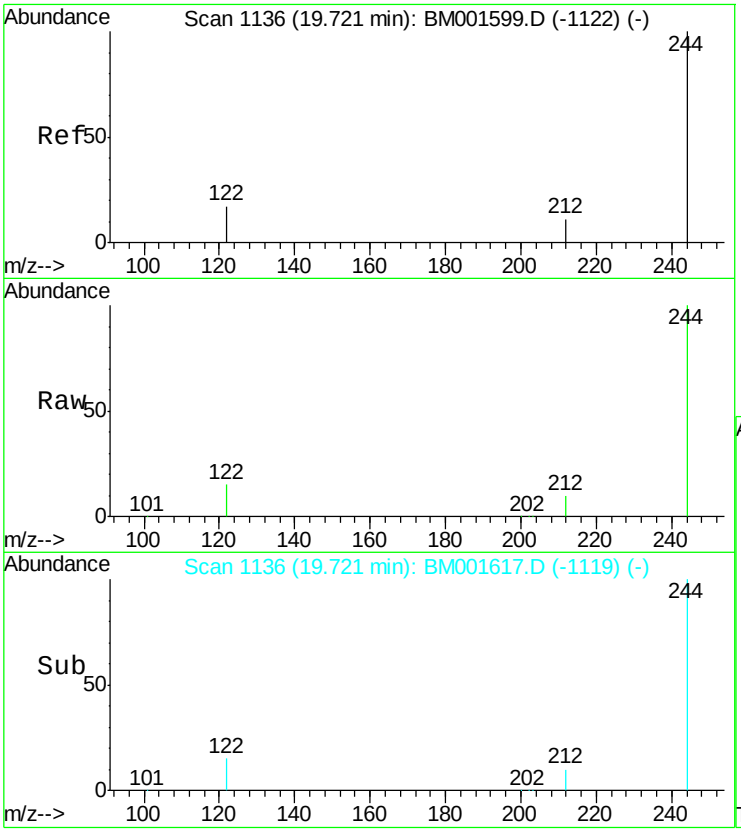


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Tgt Ion:240 Resp: 51559

Ion	Ratio	Lower	Upper
240	100		
120	2.8	2.2	3.4
236	23.5	19.6	29.4



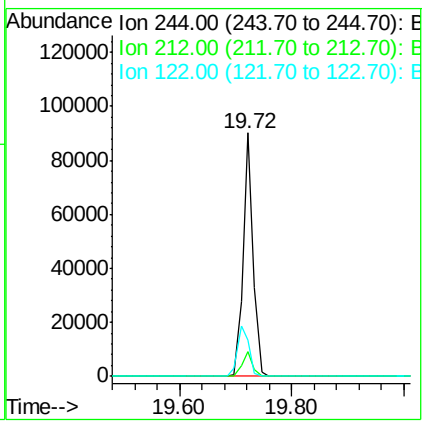


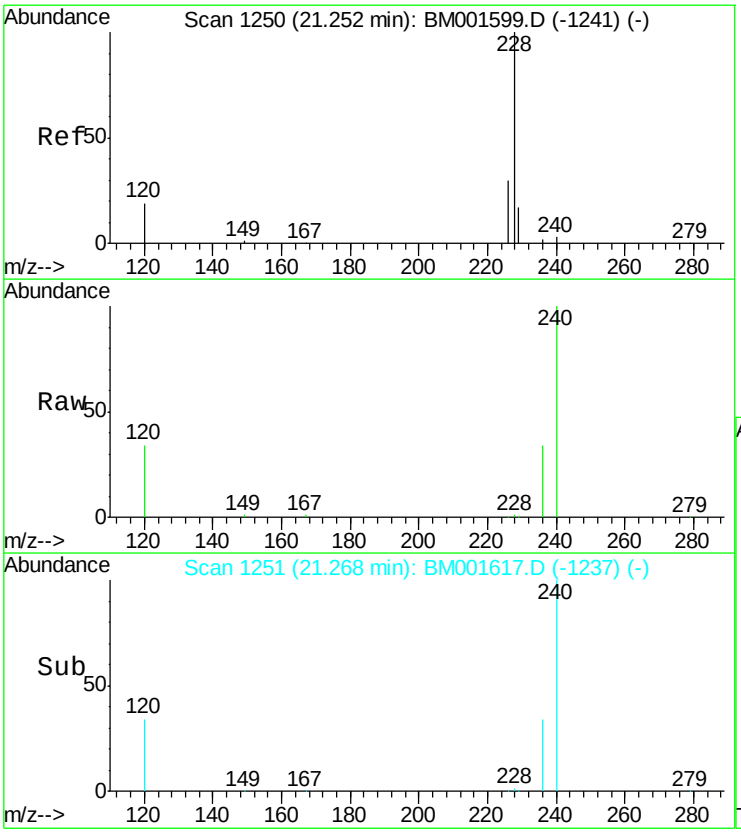
#27
Terphenyl-d14
Concen: 16.65 ng
RT: 19.72 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Instrument :
BNA_M
ClientSampleId :
060515-P18-E-D-B

Tgt Ion:244 Resp: 112035

Ion	Ratio	Lower	Upper
244	100		
212	10.4	9.2	13.8
122	14.7	14.5	21.7

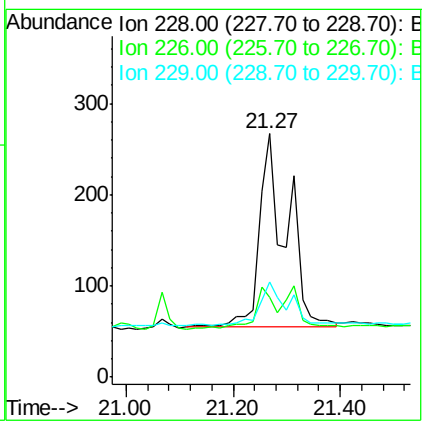


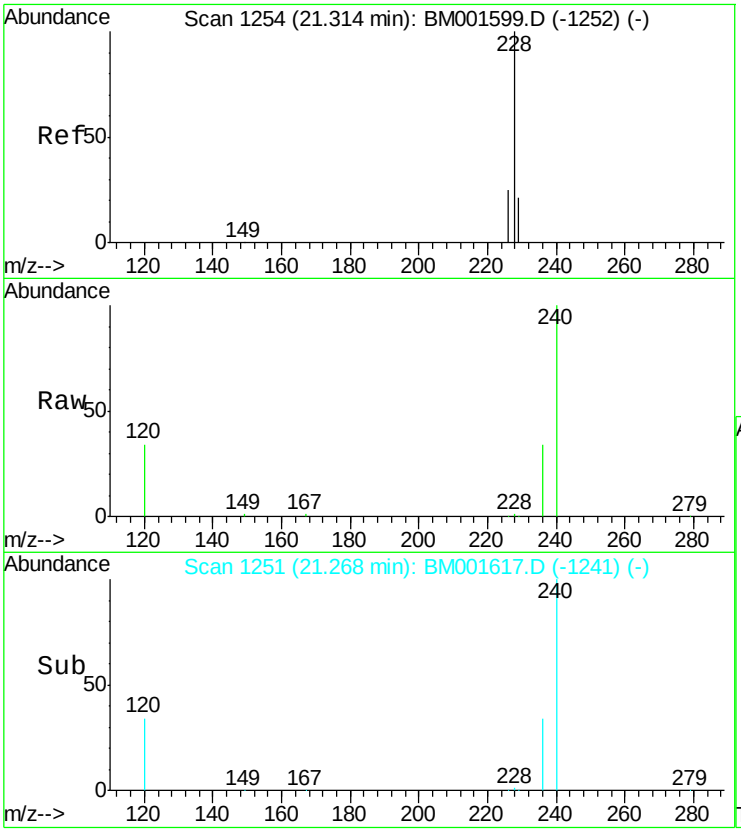


#28
Benzo(a)anthracene
Concen: 0.05 ng
RT: 21.27 min Scan# 1251
Delta R.T. 0.02 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Tgt Ion:228 Resp: 756

Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.6	37.0
229	39.3	13.8	20.8#



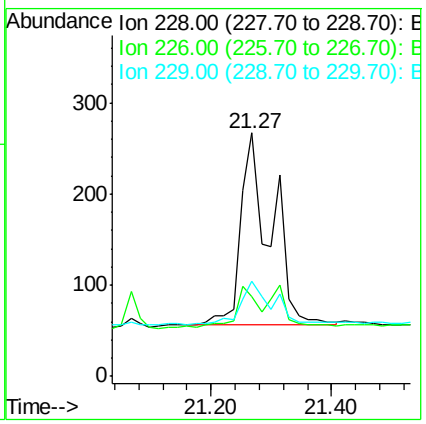


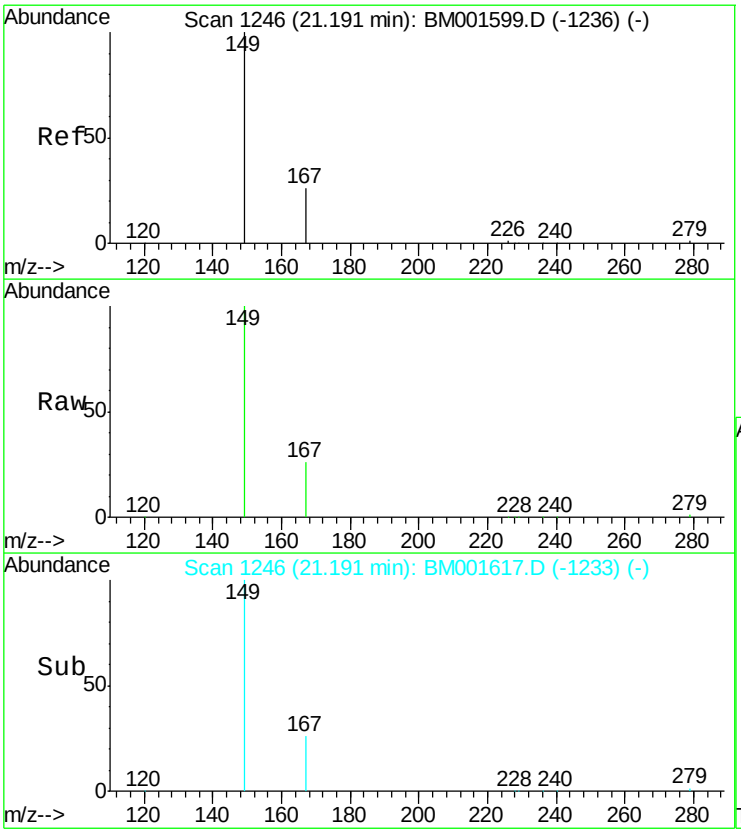
#29
Chrysene
Concen: 0.05 ng
RT: 21.27 min Scan# 1251
Delta R.T. -0.05 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Instrument :
BNA_M
ClientSampleId :
060515-P18-E-D-B

Tgt Ion:228 Resp: 743

Ion	Ratio	Lower	Upper
228	100		
226	33.0	20.6	31.0#
229	39.3	17.4	26.2#

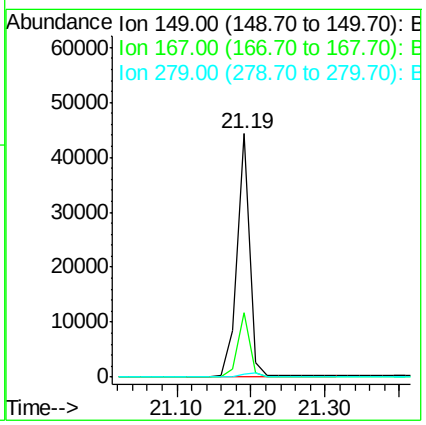


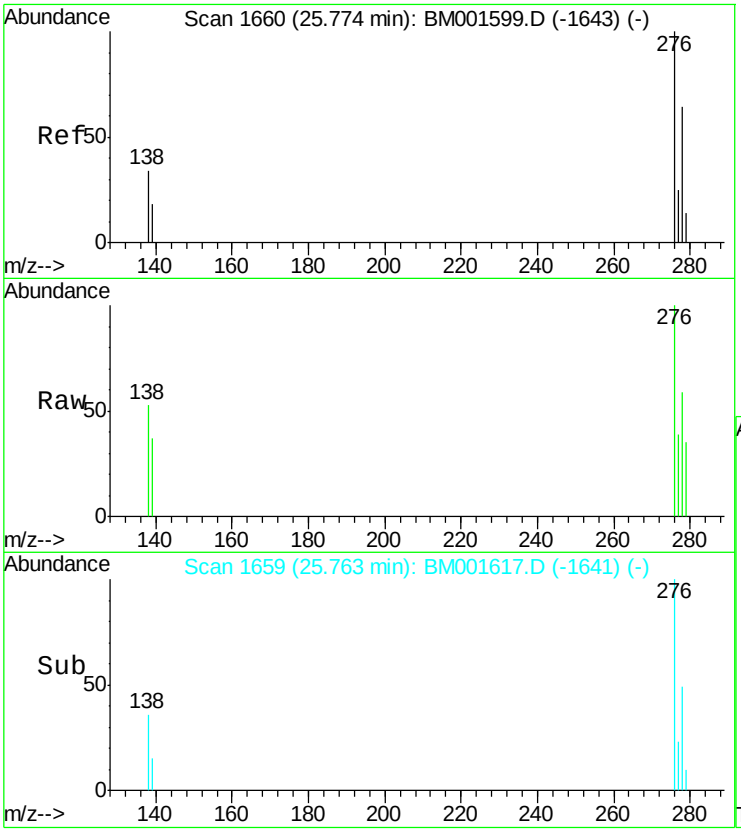


#30
Bis(2-ethylhexyl)phthalate
Concen: 5.92 ng
RT: 21.19 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Tgt Ion:149 Resp: 51493

Ion	Ratio	Lower	Upper
149	100		
167	24.9	20.2	30.4
279	1.9	1.7	2.5



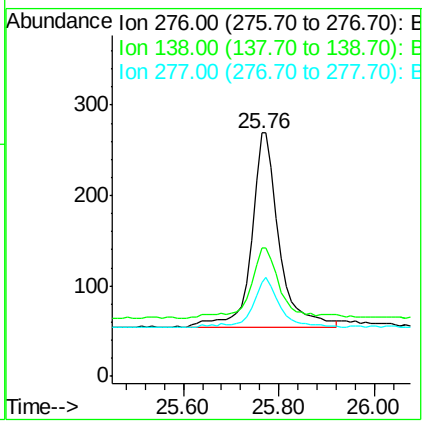


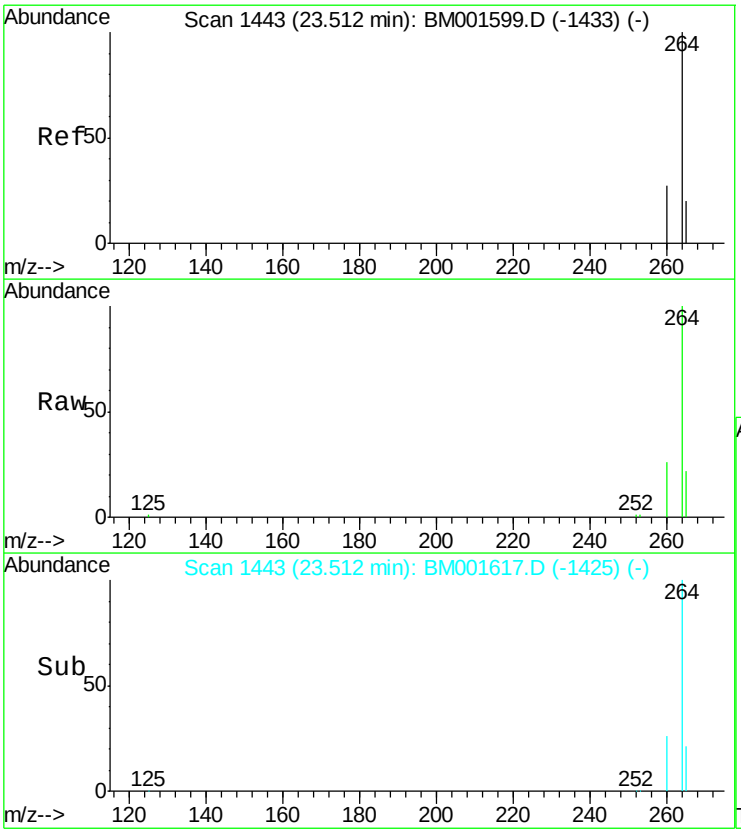
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng
RT: 25.76 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Instrument :
BNA_M
ClientSampleId :
060515-P18-E-D-B

Tgt Ion:276 Resp: 861

Ion	Ratio	Lower	Upper
276	100		
138	39.3	28.2	42.2
277	26.0	19.4	29.2

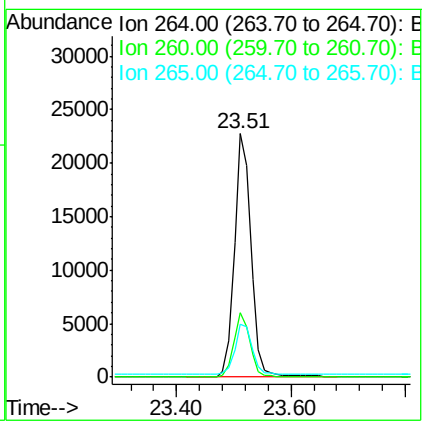


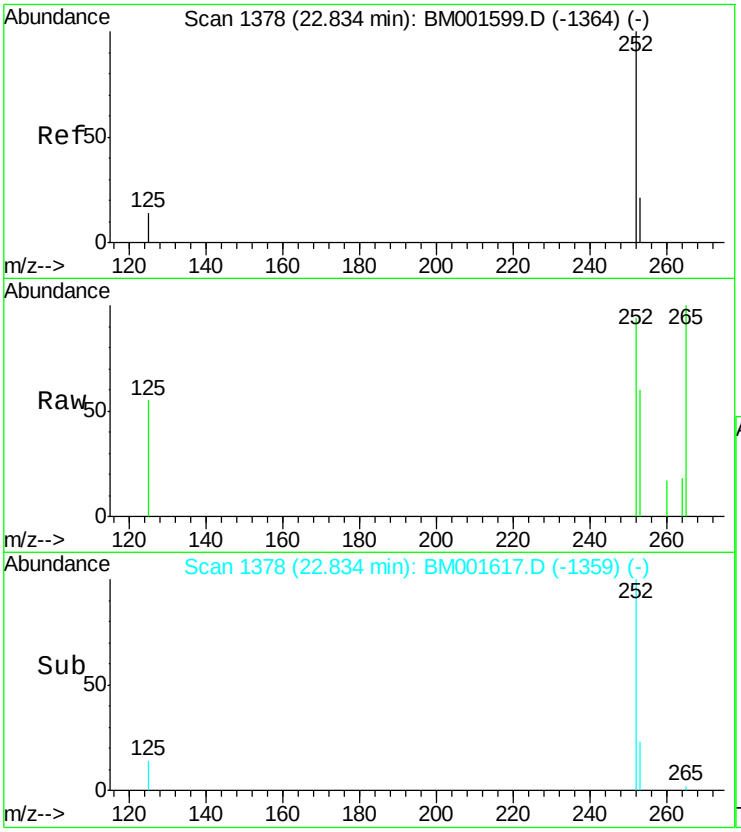


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.51 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Tgt Ion:264 Resp: 45073

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.8	32.6
265	21.8	16.8	25.2



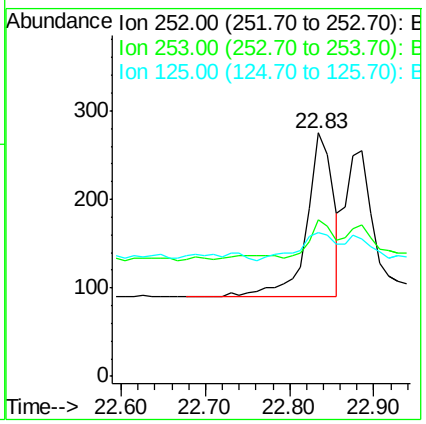


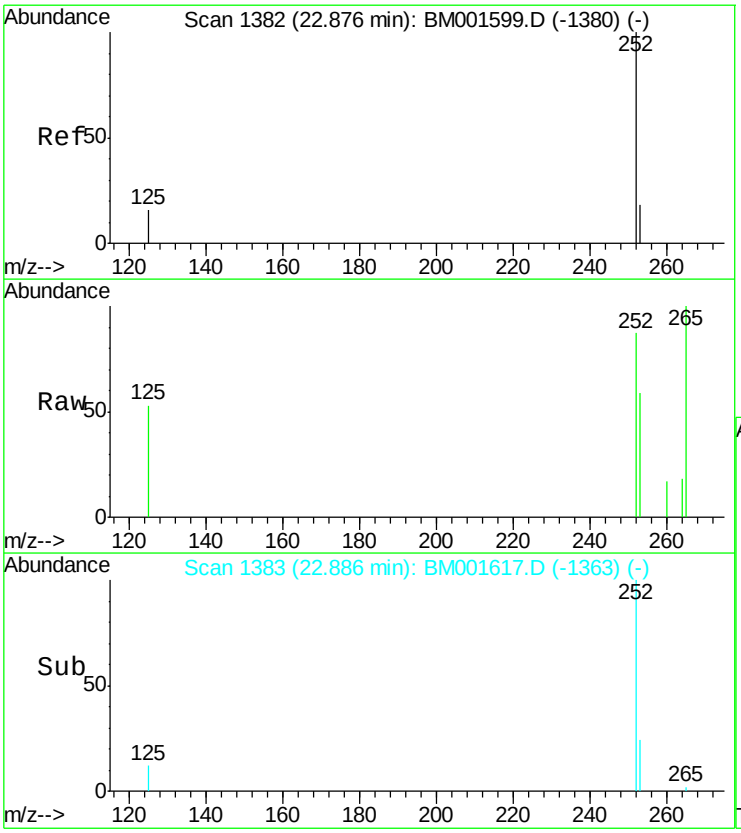
#33
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.83 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Instrument :
BNA_M
ClientSampleId :
060515-P18-E-D-B

Tgt Ion:252 Resp: 407

Ion	Ratio	Lower	Upper
252	100		
253	64.4	17.6	26.4#
125	59.3	12.4	18.6#

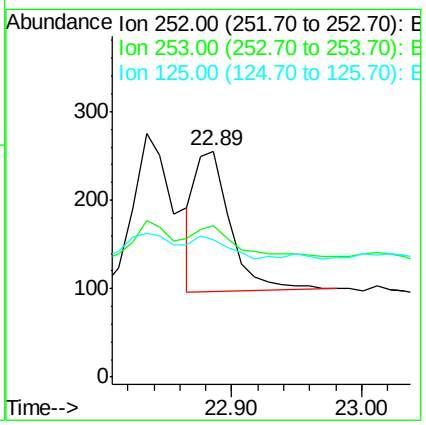


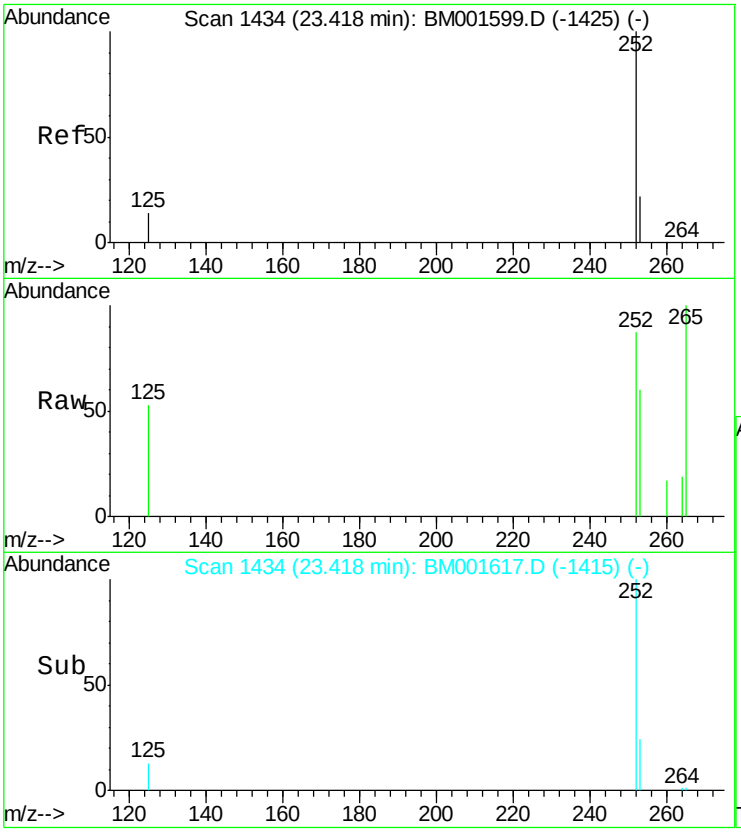


#34
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.89 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Tgt Ion:252 Resp: 293

Ion	Ratio	Lower	Upper
252	100		
253	67.1	17.1	25.7#
125	61.2	12.8	19.2#



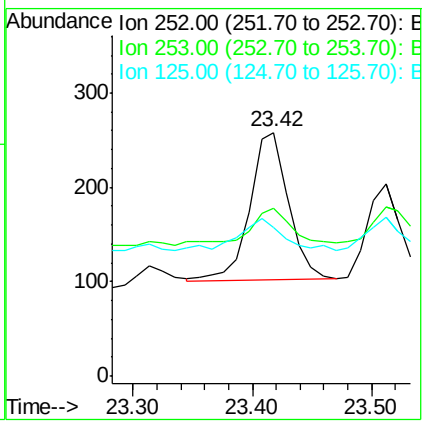


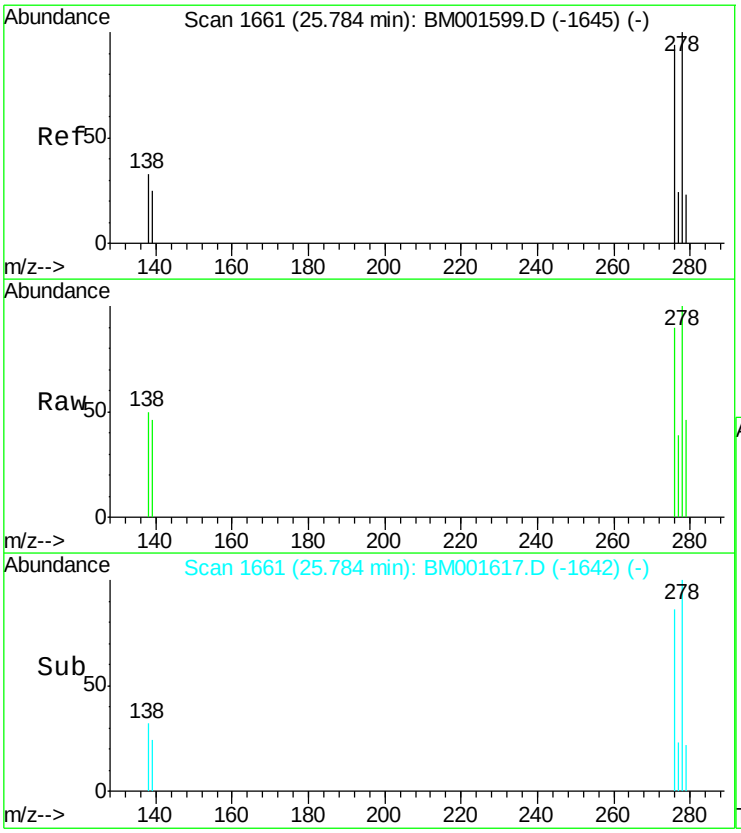
#35
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.42 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Instrument :
BNA_M
ClientSampleId :
060515-P18-E-D-B

Tgt Ion:252 Resp: 355

Ion	Ratio	Lower	Upper
252	100		
253	69.0	19.4	29.0#
125	60.9	13.0	19.6#

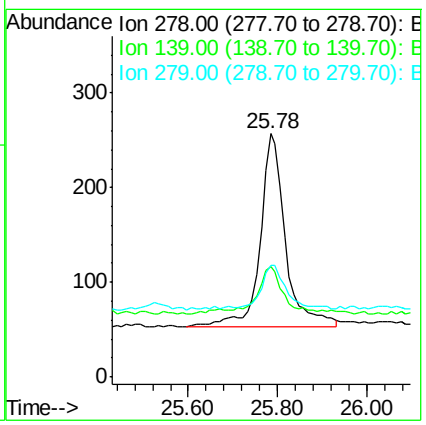


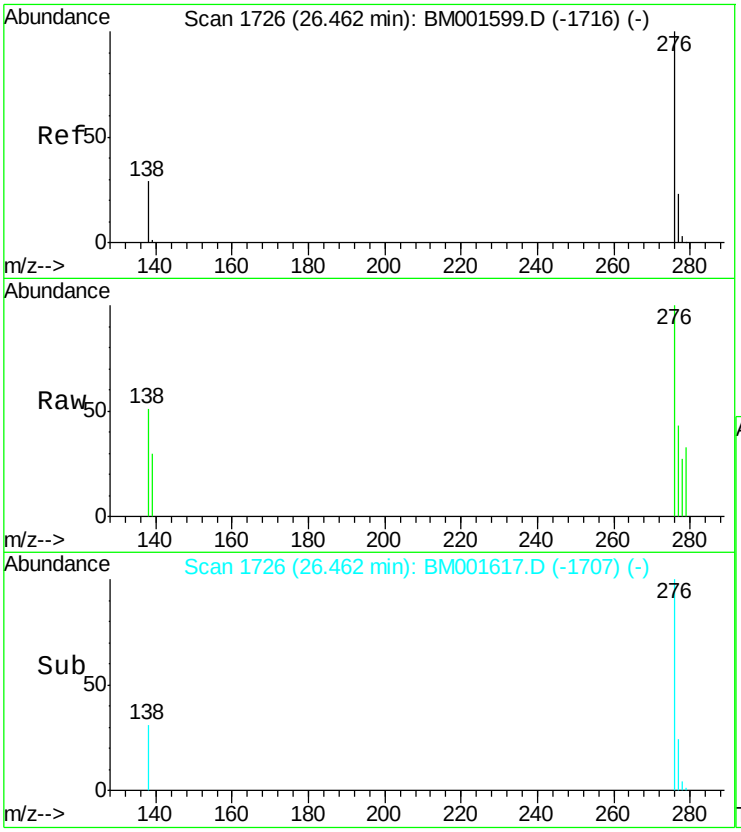


#36
Dibenzo(a,h)anthracene
Concen: 0.07 ng
RT: 25.78 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Tgt Ion:278 Resp: 806

Ion	Ratio	Lower	Upper
278	100		
139	45.5	20.6	31.0#
279	45.9	19.7	29.5#





#37
Benzo(g,h,i)perylene
Concen: 0.06 ng
RT: 26.46 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Instrument :
BNA_M
ClientSampleId :
060515-P18-E-D-B

Tgt Ion:276 Resp: 700

Ion	Ratio	Lower	Upper
276	100		
277	42.6	19.4	29.0#
138	51.1	24.5	36.7#