Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061215\
Data File : BM001669.D
Acq On : 12 Jun 2015 09:40
Operator : TP/IZ
Sample : G2449-03DL 25X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FM2ADL

Quant Time: Jun 12 16:53:00 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 16:27:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	69452	5.00	ng		0.00
6) Naphthalene-d8	10.47	136	269721	5.00	ng		0.00
12) Acenaphthene-d10	14.34	164	138028	5.00	ng		0.00
18) Phenanthrene-d10	17.06	188	168749	5.00	ng		0.00
25) Chrysene-d12	21.27	240	210048	5.00	ng		0.00
32) Perylene-d12	23.51	264	176082	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	2319	0.14	ng		0.00
5) Phenol-d6	6.84	99	3210	0.16	ng		0.00
7) Nitrobenzene-d5	8.85	82	2106	0.10	ng		0.00
13) 2,4,6-Tribromophenol	15.83	330	717	0.14	ng		0.00
14) 2-Fluorobiphenyl	12.96	172	4922	0.10	ng		0.00
27) Terphenyl-d14	19.72	244	3404	0.11	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.52	128	4111	0.06	ng		95
11) 2-Methylnaphthalene	12.15	142	1346	0.03	ng		97
15) Acenaphthylene	14.05	152	3217	0.05	ng		99
16) Acenaphthene	14.40	154	2741	0.07	ng		100
17) Fluorene	15.36	166	3601	0.09	ng	#	98
21) Pentachlorophenol	16.72	266	53	0.30	ng	#	71
22) Phenanthrene	17.12	178	39795	0.72	ng	#	98
23) Anthracene	17.12	178	53488	0.82	ng	#	81
24) Fluoranthene	19.14	202	90104	1.10	ng		100
26) Pyrene	19.50	202	81915	1.14	ng	#	96
28) Benzo(a)anthracene	21.25	228	39418	0.60	ng		96
29) Chrysene	21.30	228	29284	0.46	ng		97
30) Bis(2-ethylhexyl)phthalate	21.18	149	392	0.23	ng		95
31) Indeno(1,2,3-cd)pyrene	25.75	276	12856	0.26	ng		94
33) Benzo(b)fluoranthene	22.83	252	43356	0.75	ng		97
34) Benzo(k)fluoranthene	22.83	252	43356	0.78	ng		97
35) Benzo(a)pyrene	23.41	252	22618	0.47	ng		95
36) Dibenzo(a,h)anthracene	25.76	278	3653	0.09	ng		91
37) Benzo(g,h,i)perylene	26.44	276	12642	0.33	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061215\
Data File : BM001669.D
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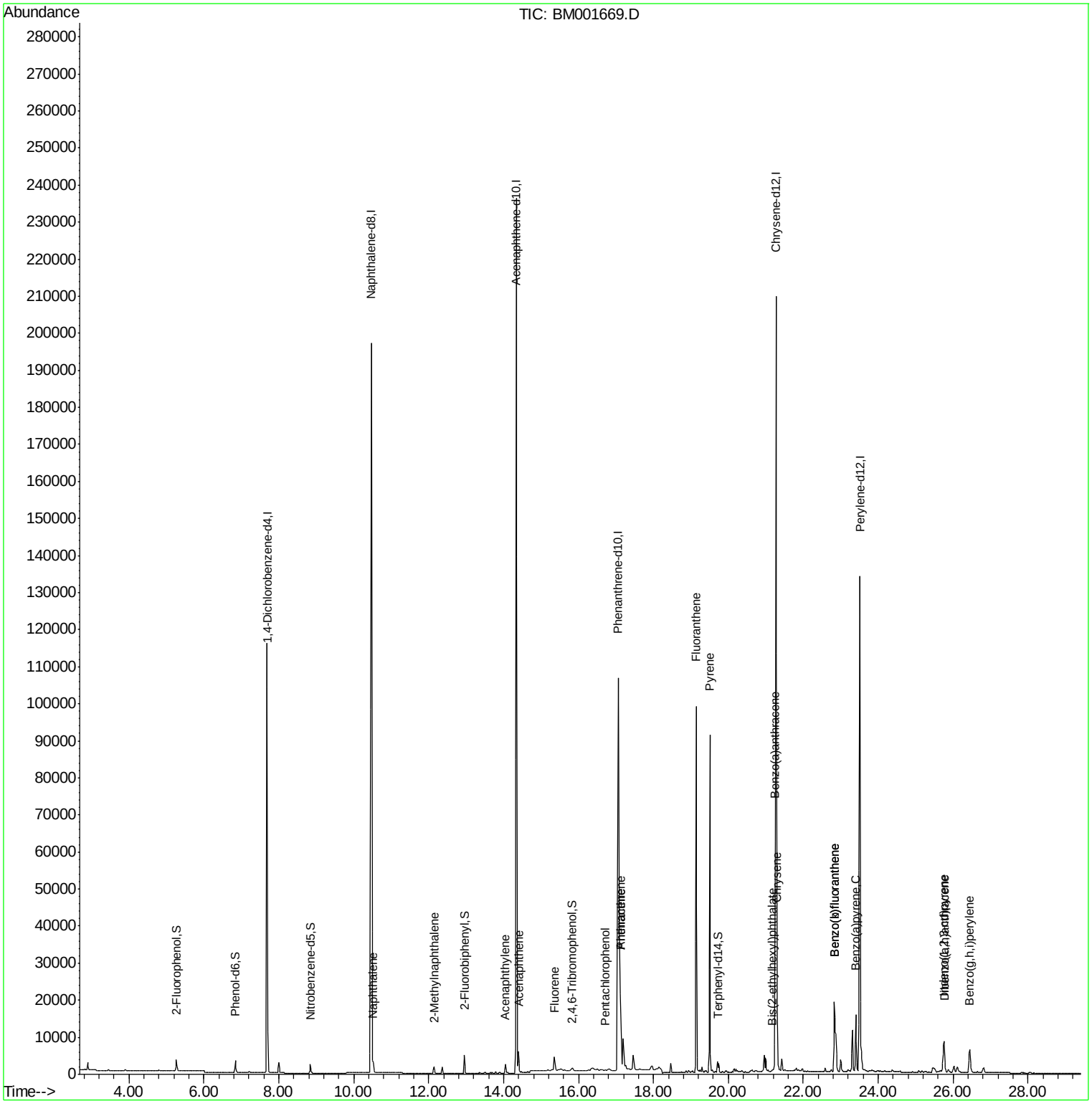
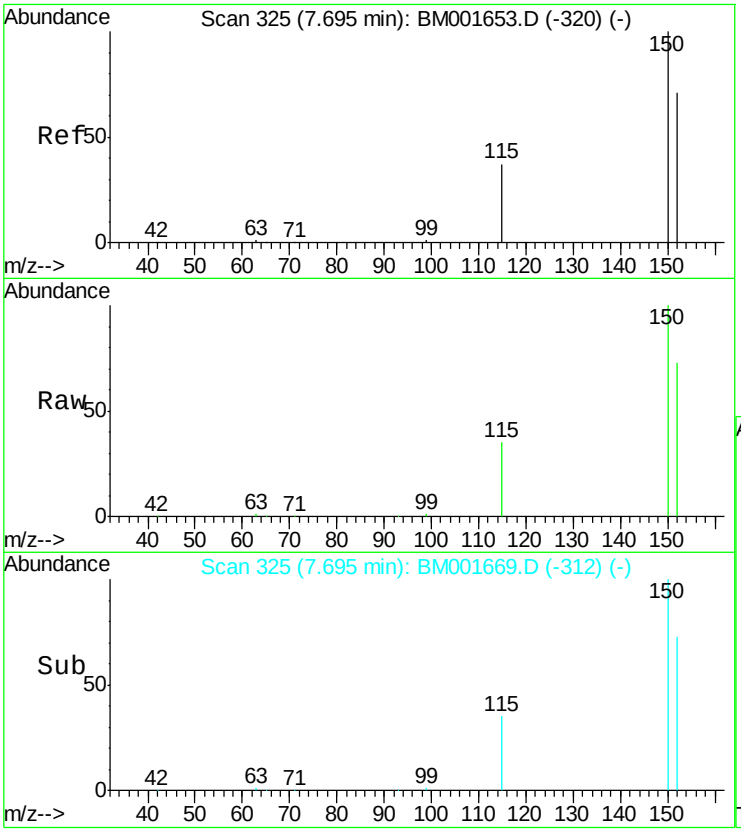
QLast Update : Fri Jun 12 16:27:37 2015
Response via : Initial Calibration



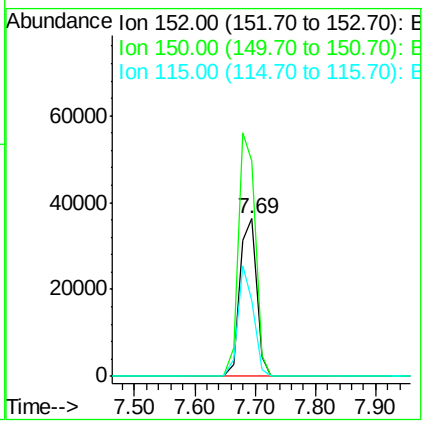


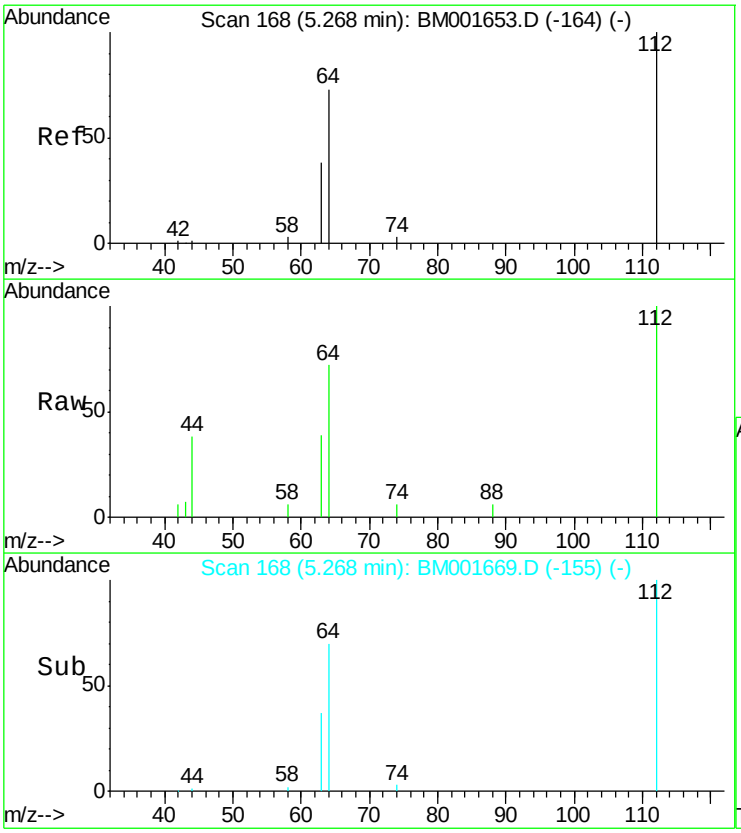
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 325
Delta R.T. -0.00 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Instrument :
BNA_M
ClientSampleId :
FM2ADL

Tgt Ion:152 Resp: 69452

Ion	Ratio	Lower	Upper
152	100		
150	136.8	112.2	168.2
115	48.5	41.7	62.5

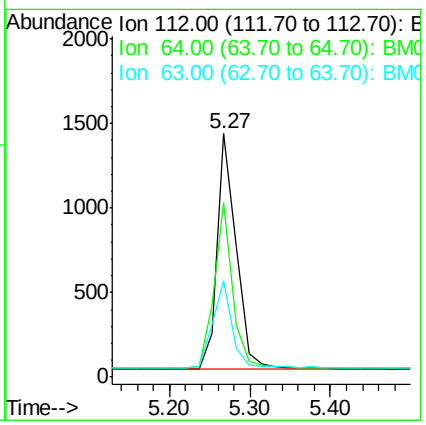


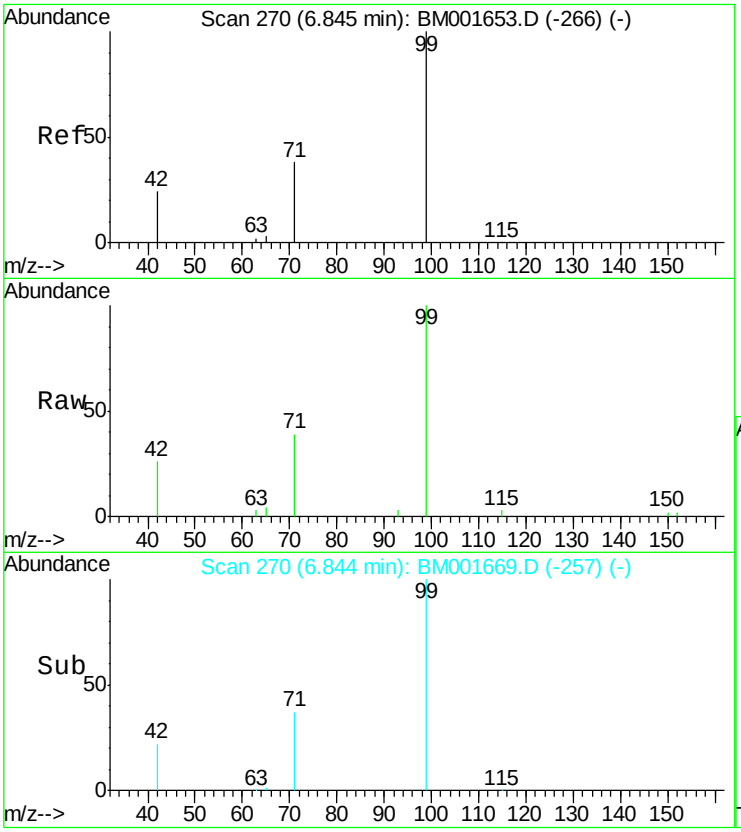


#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.27 min Scan# 168
Delta R.T. -0.00 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Tgt Ion:112 Resp: 2319

Ion	Ratio	Lower	Upper
112	100		
64	68.0	55.5	83.3
63	37.8	29.9	44.9



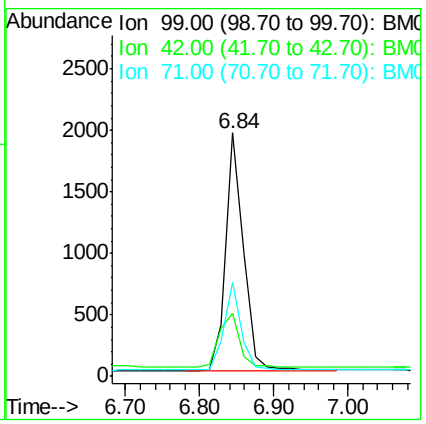


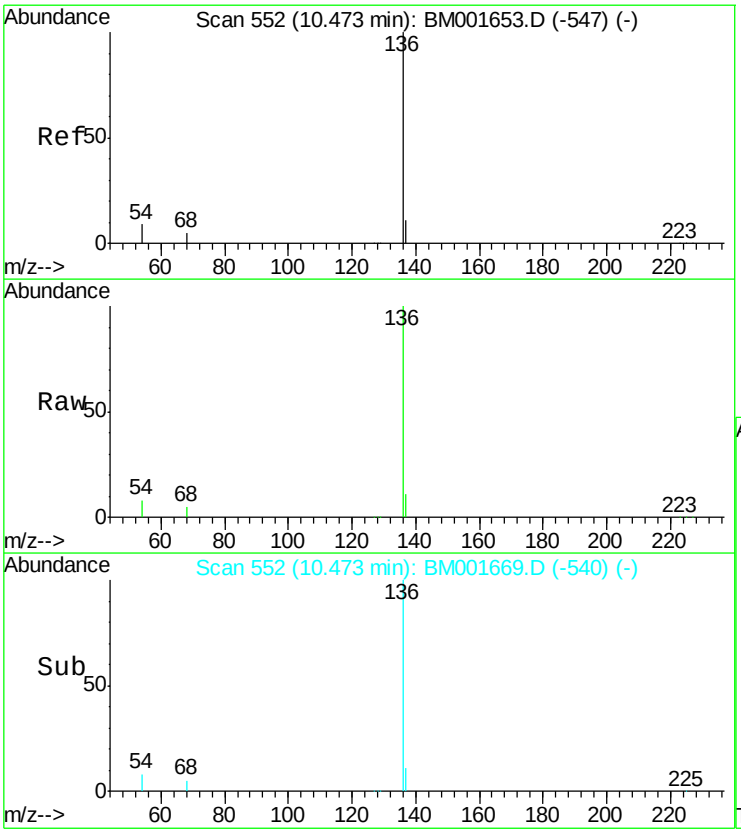
#5
Phenol-d6
Concen: 0.16 ng
RT: 6.84 min Scan# 270
Delta R.T. -0.00 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Instrument :
BNA_M
ClientSampleId :
FM2ADL

Tgt Ion: 99 Resp: 3210

Ion	Ratio	Lower	Upper
99	100		
42	25.4	21.6	32.4
71	35.8	28.7	43.1

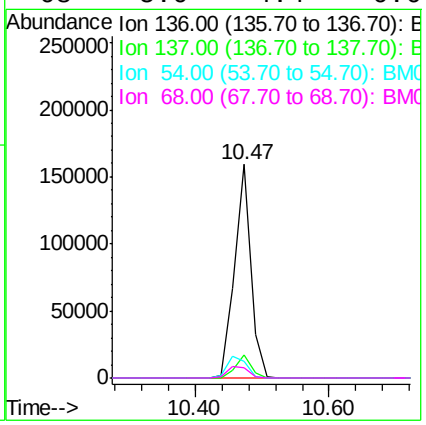


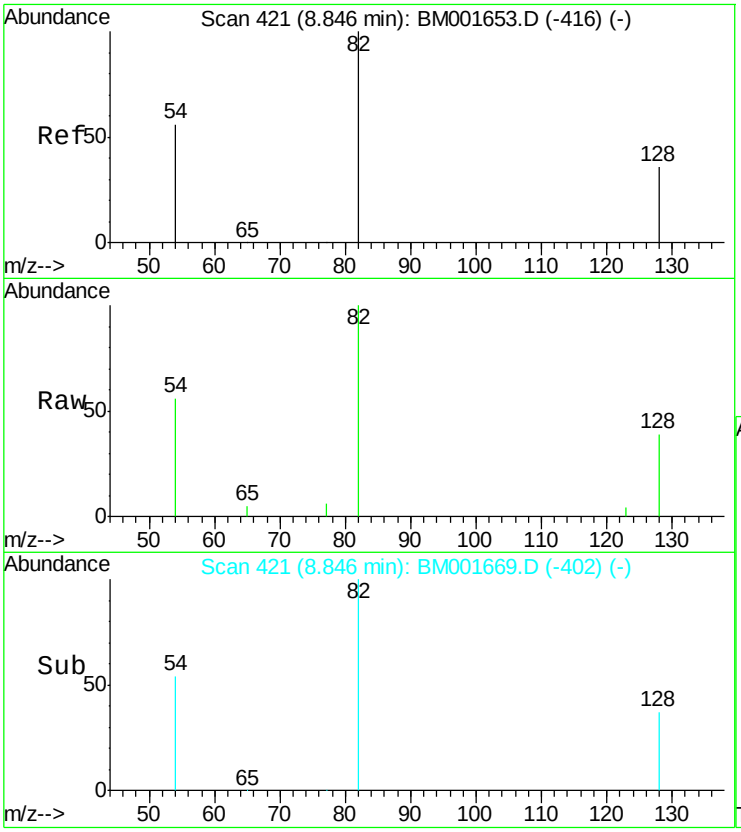


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.47 min Scan# 552
Delta R.T. -0.00 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Tgt Ion:136 Resp: 269721

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.6	6.9	10.3
68	5.0	4.4	6.6



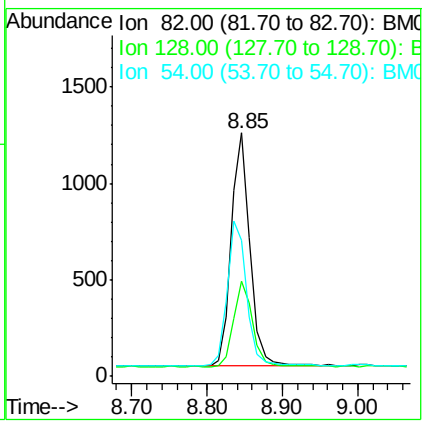


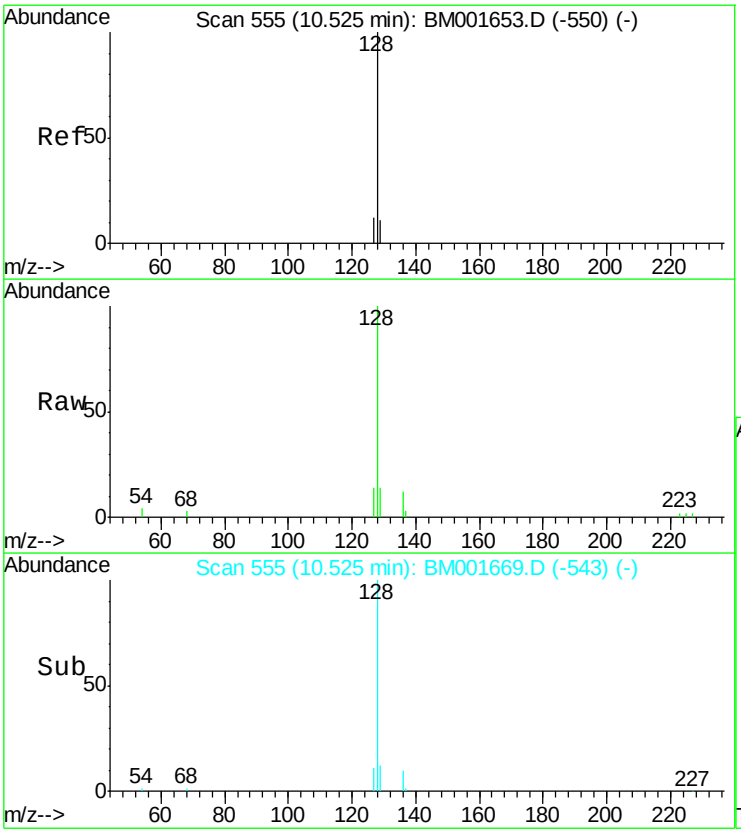
#7
Nitrobenzene-d5
Concen: 0.10 ng
RT: 8.85 min Scan# 421
Delta R.T. -0.00 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Instrument :
BNA_M
ClientSampleId :
FM2ADL

Tgt Ion: 82 Resp: 2106

Ion	Ratio	Lower	Upper
82	100		
128	39.2	29.7	44.5
54	56.1	45.1	67.7

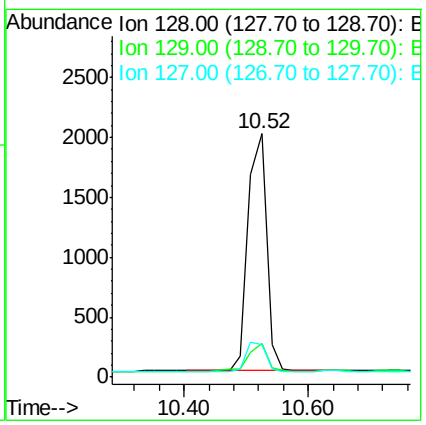


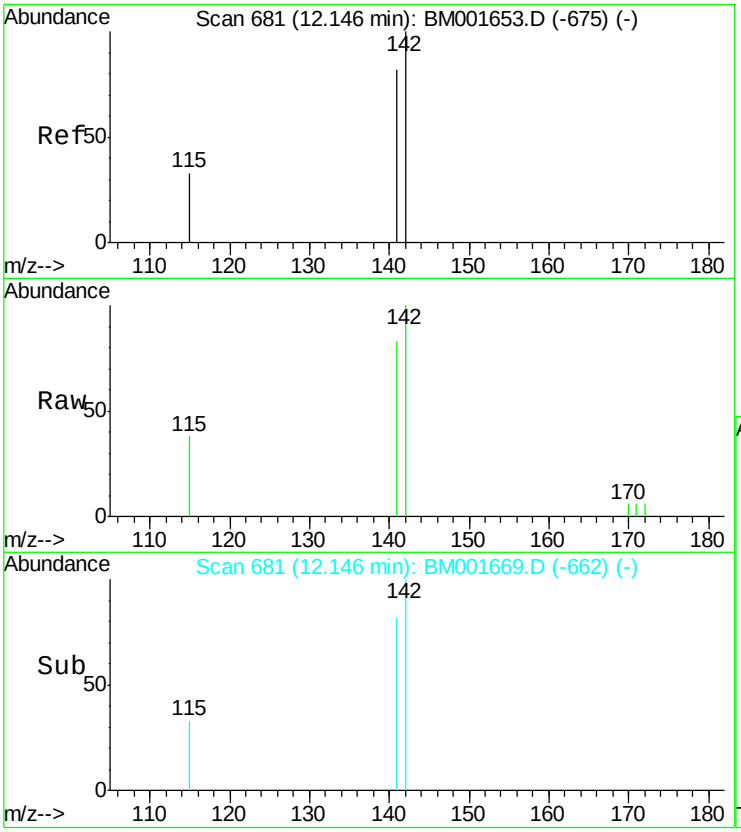


#9
Naphthalene
Concen: 0.06 ng
RT: 10.52 min Scan# 555
Delta R.T. -0.00 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Tgt Ion:128 Resp: 4111

Ion	Ratio	Lower	Upper
128	100		
129	13.9	9.4	14.2
127	13.5	9.7	14.5



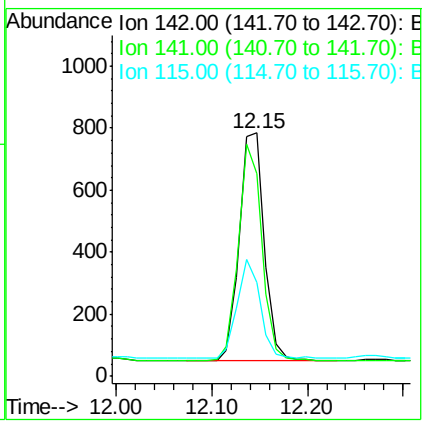


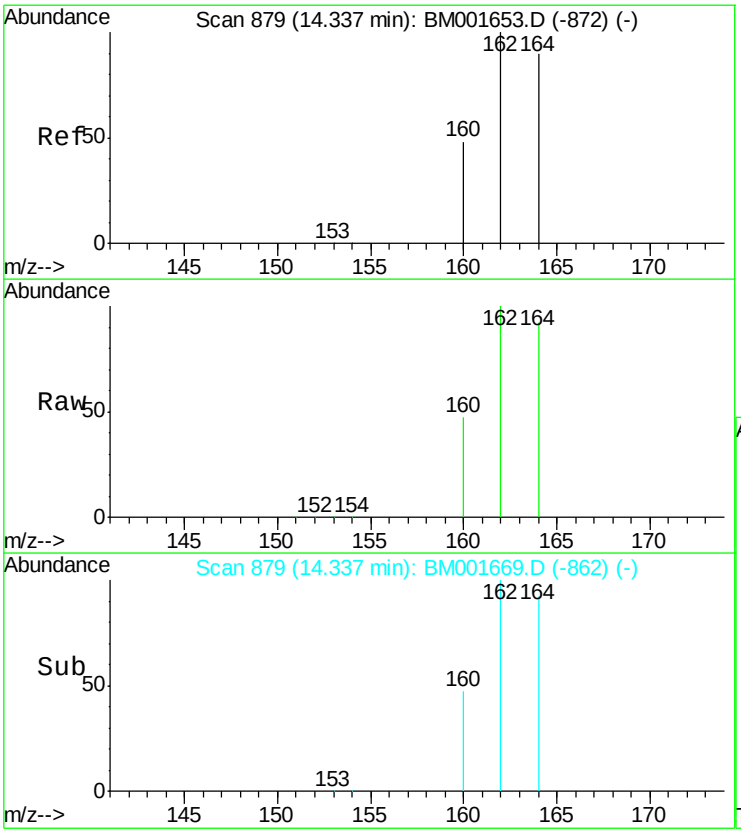
#11
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.15 min Scan# 681
Delta R.T. -0.00 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Instrument :
BNA_M
ClientSampleId :
FM2ADL

Tgt Ion:142 Resp: 1346

Ion	Ratio	Lower	Upper
142	100		
141	83.2	65.8	98.6
115	38.3	27.0	40.6

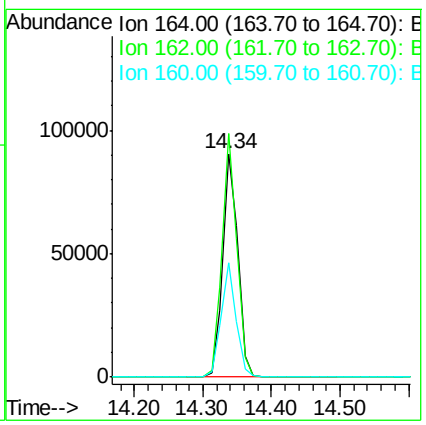


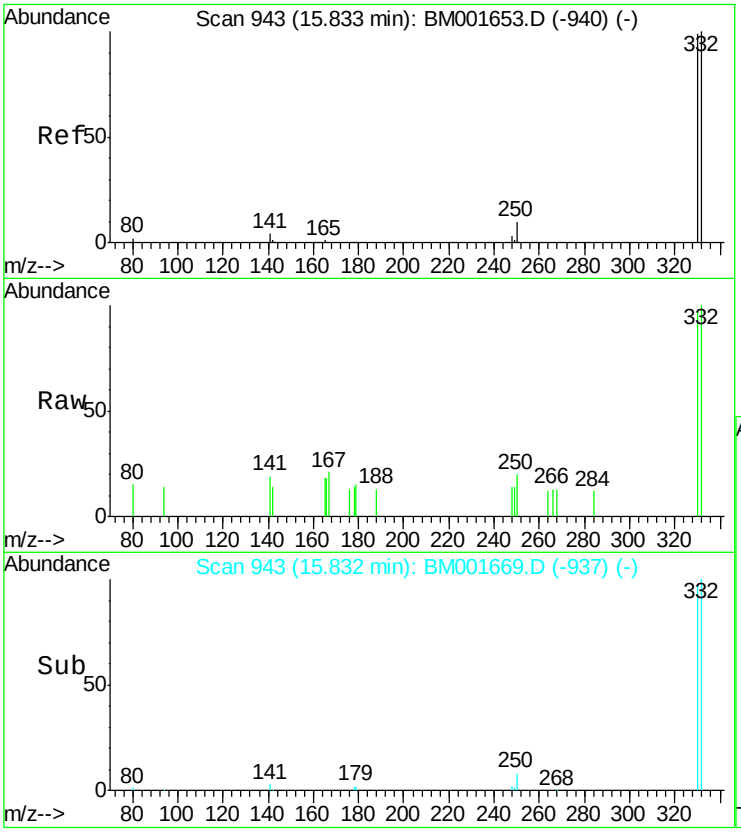


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.34 min Scan# 879
Delta R.T. -0.00 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Tgt Ion:164 Resp: 138028

Ion	Ratio	Lower	Upper
164	100		
162	108.8	89.0	133.4
160	51.2	42.6	63.8



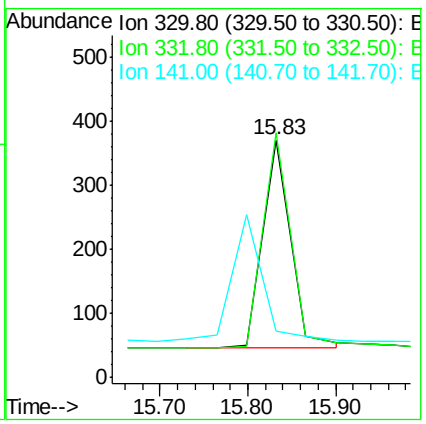


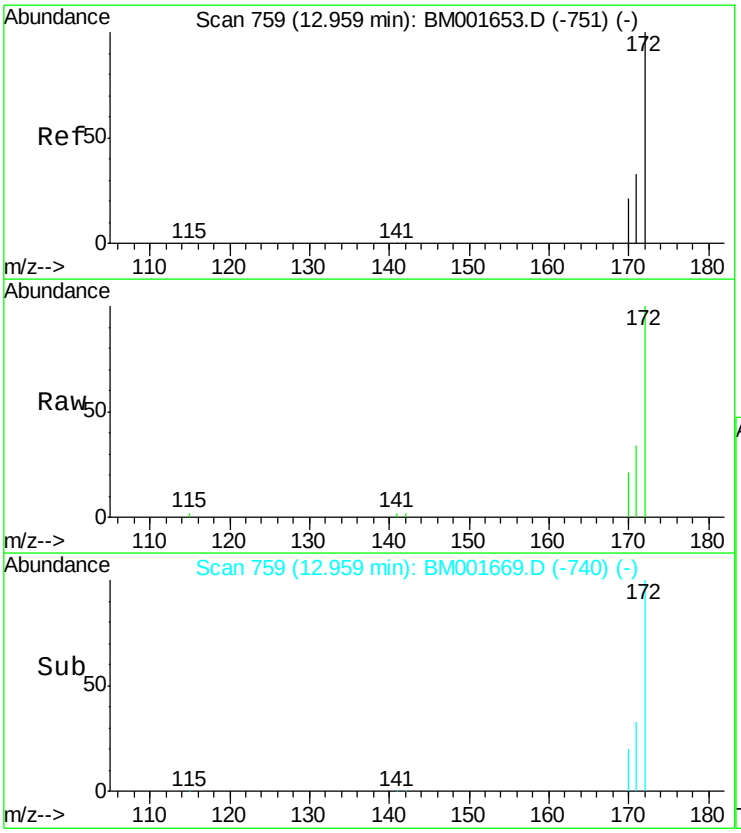
#13
2,4,6-Tribromophenol
Concen: 0.14 ng
RT: 15.83 min Scan# 943
Delta R.T. 0.00 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Instrument :
BNA_M
ClientSampleId :
FM2ADL

Tgt Ion:330 Resp: 717

Ion	Ratio	Lower	Upper
330	100		
332	103.2	80.6	120.8
141	0.0	0.0	0.0

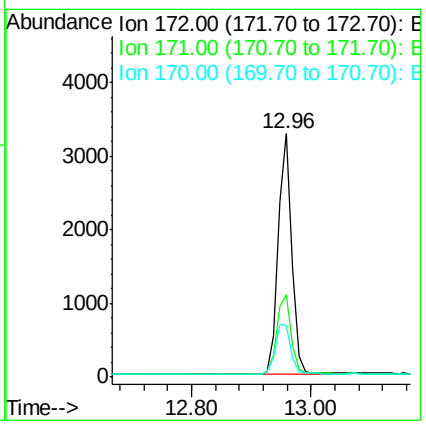


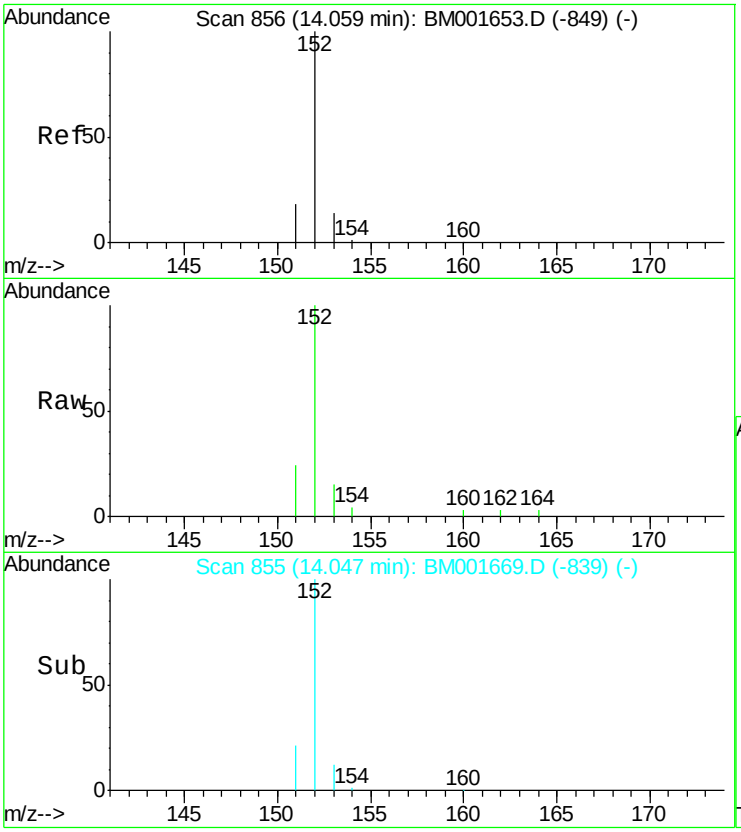


#14
2-Fluorobiphenyl
Concen: 0.10 ng
RT: 12.96 min Scan# 759
Delta R.T. -0.00 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Tgt Ion:172 Resp: 4922

Ion	Ratio	Lower	Upper
172	100		
171	33.6	26.6	40.0
170	21.3	17.1	25.7



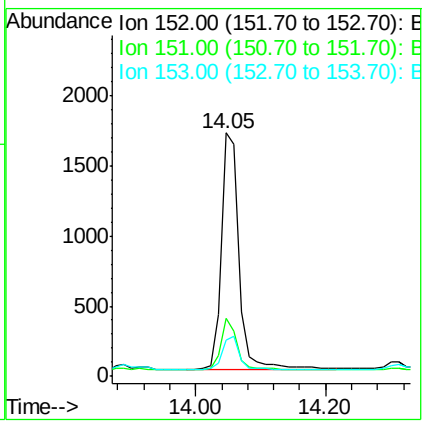


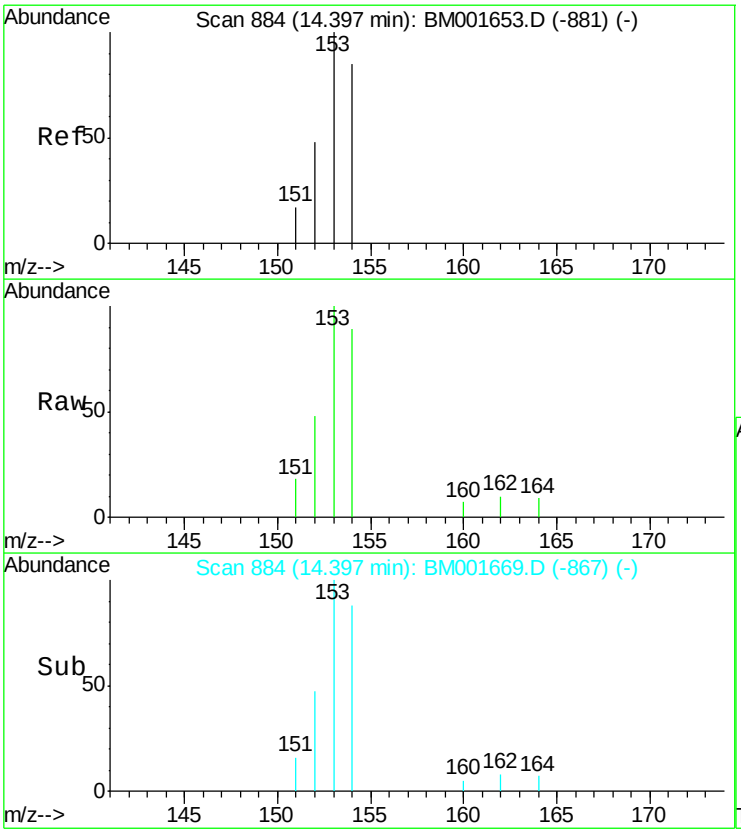
#15
Acenaphthylene
Concen: 0.05 ng
RT: 14.05 min Scan# 855
Delta R.T. -0.01 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Instrument :
BNA_M
ClientSampleId :
FM2ADL

Tgt Ion:152 Resp: 3217

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.5	23.3
153	13.9	10.2	15.4

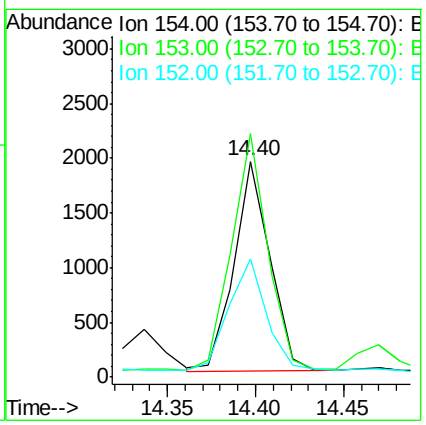


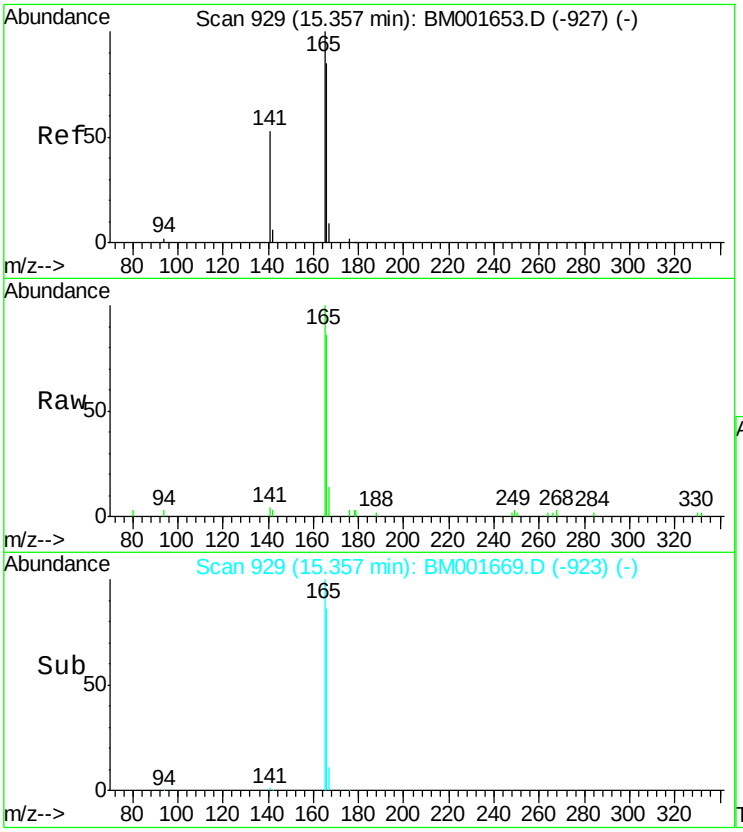


#16
Acenaphthene
Concen: 0.07 ng
RT: 14.40 min Scan# 884
Delta R.T. -0.00 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Tgt Ion:154 Resp: 2741

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.0	136.6
152	55.8	43.8	65.8



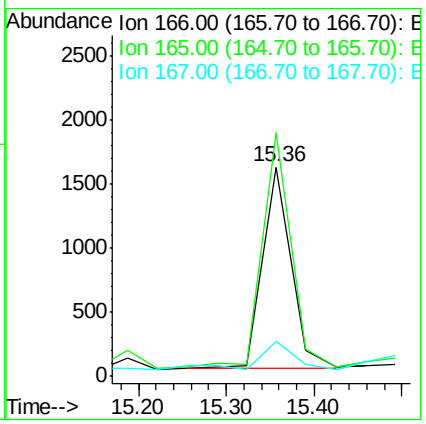


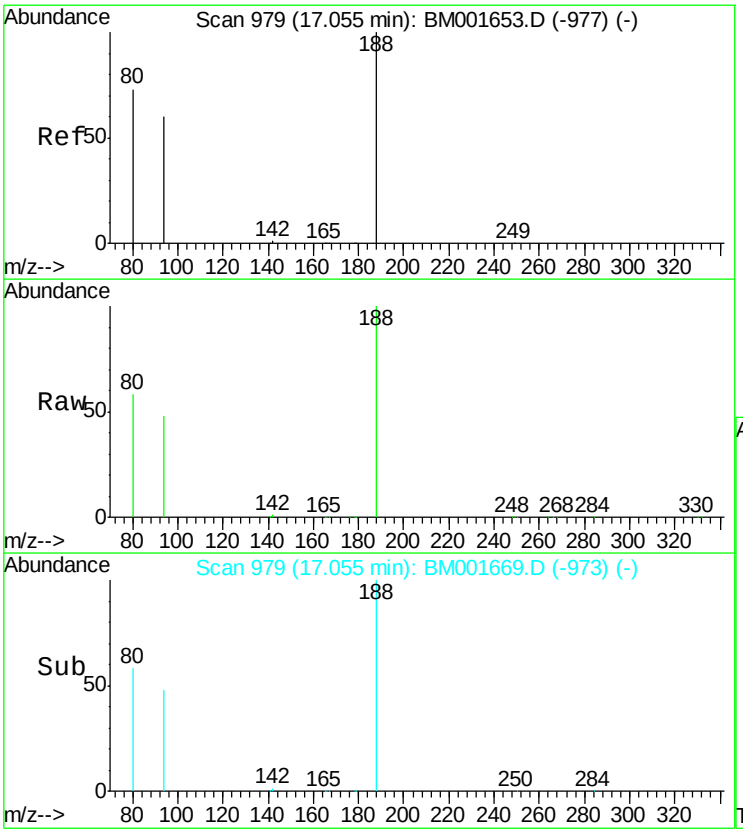
#17
Fluorene
Concen: 0.09 ng
RT: 15.36 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Instrument :
BNA_M
ClientSampleId :
FM2ADL

Tgt Ion:166 Resp: 3601

Ion	Ratio	Lower	Upper
166	100		
165	113.9	90.7	136.1
167	19.5	9.4	14.0#

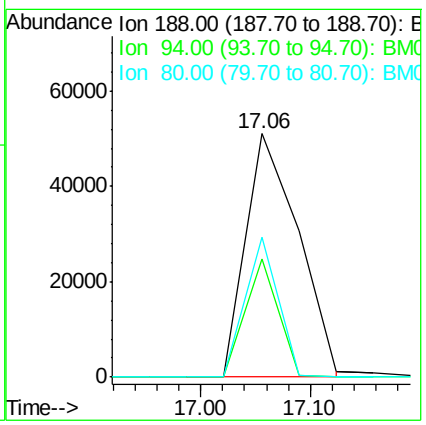


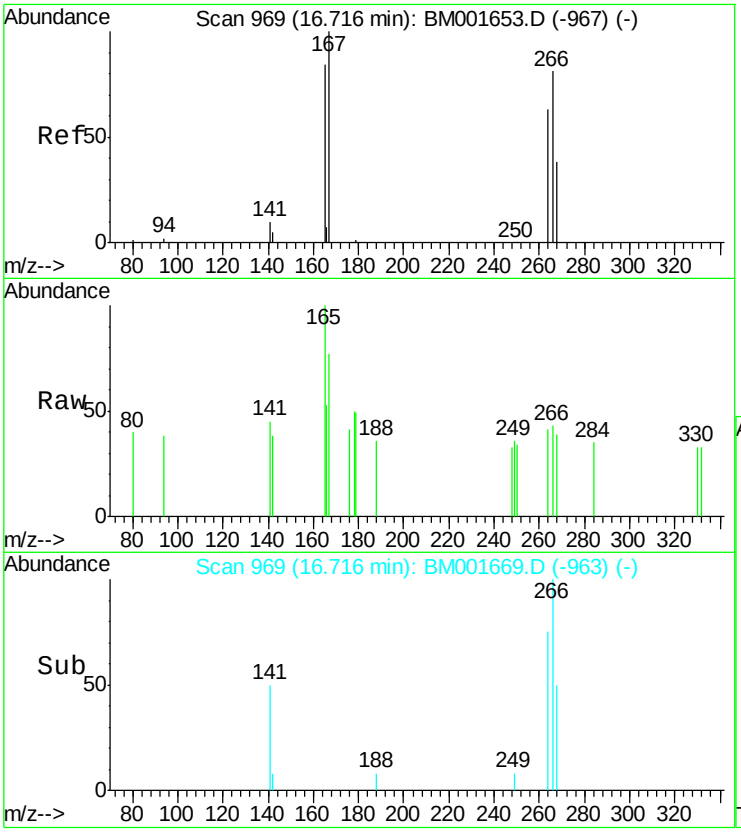


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. -0.00 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Tgt Ion:188 Resp: 168749

Ion	Ratio	Lower	Upper
188	100		
94	48.3	48.3	72.5#
80	57.7	58.6	88.0#



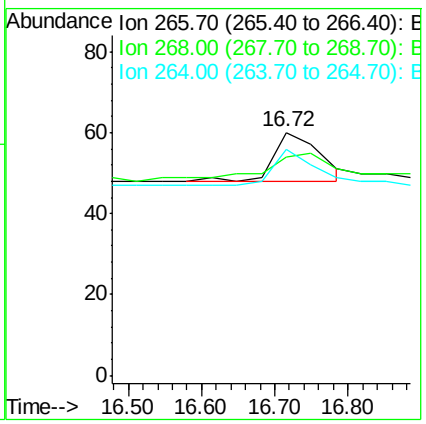


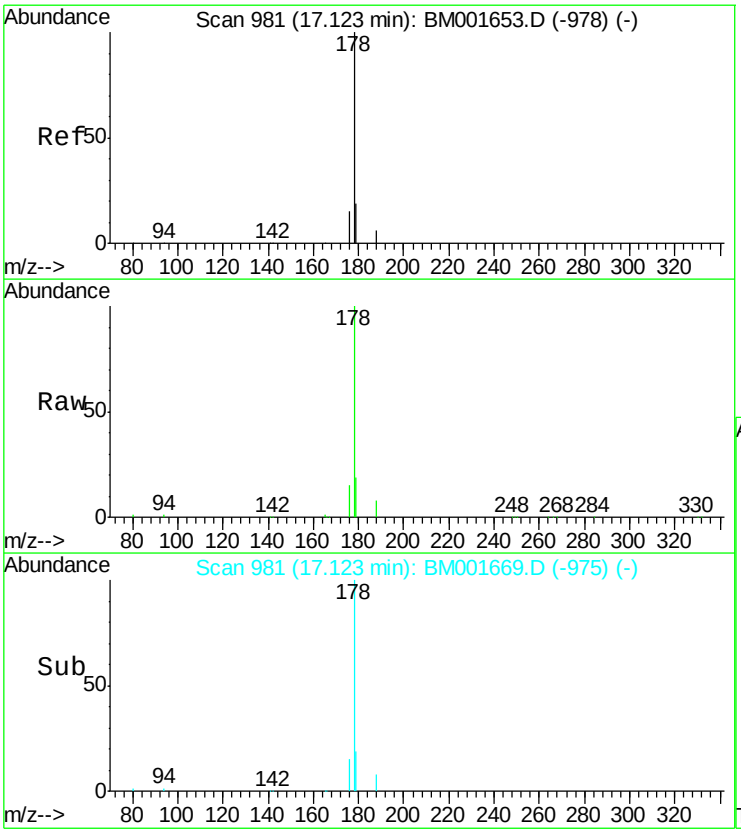
#21
Pentachlorophenol
Concen: 0.30 ng
RT: 16.72 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Instrument : BNA_M
ClientSampleId : FM2ADL

Tgt Ion:266 Resp: 53

Ion	Ratio	Lower	Upper
266	100		
268	90.0	43.3	64.9#
264	93.3	64.5	96.7

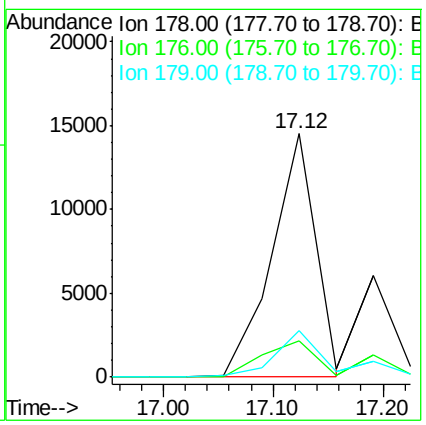


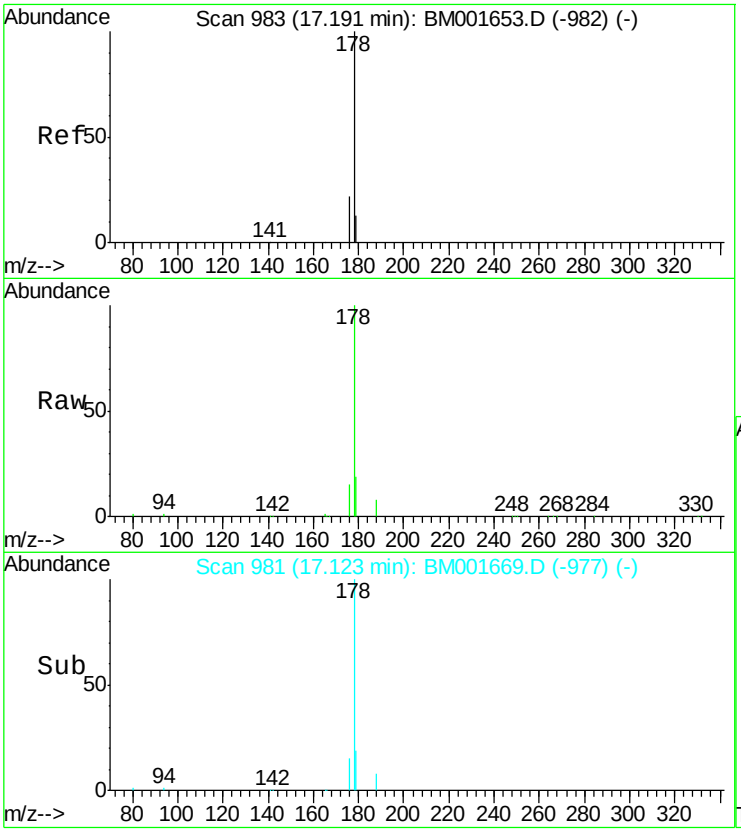


#22
Phenanthrene
Concen: 0.72 ng
RT: 17.12 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Tgt Ion:178 Resp: 39795

Ion	Ratio	Lower	Upper
178	100		
176	17.9	0.0	0.0#
179	18.4	14.2	21.2



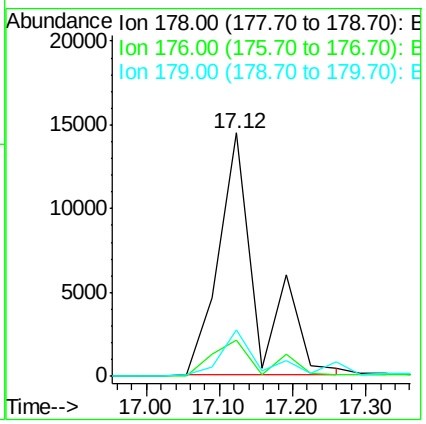


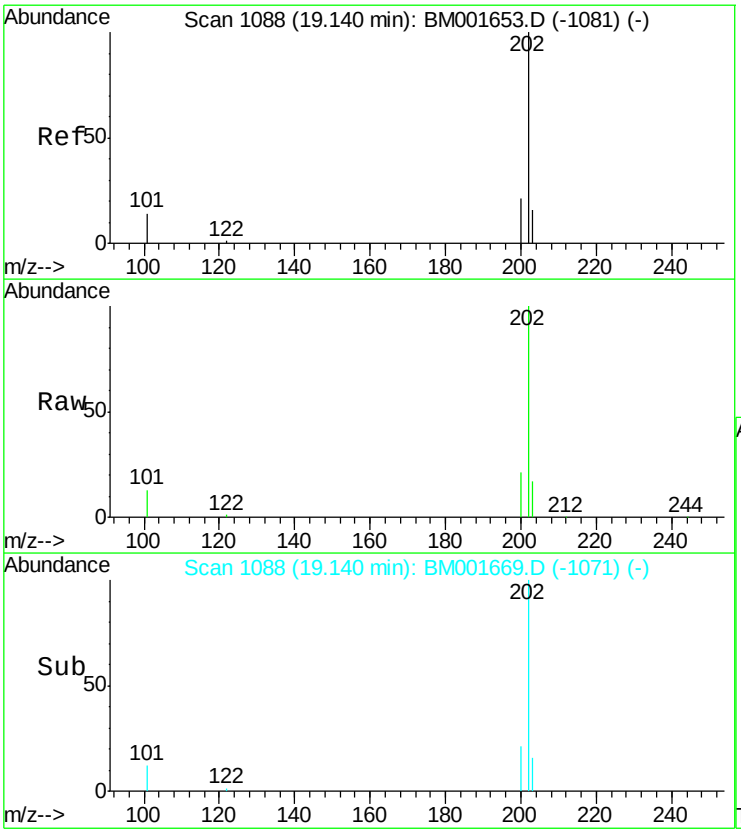
#23
Anthracene
Concen: 0.82 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.07 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Instrument :
BNA_M
ClientSampleId :
FM2ADL

Tgt Ion:178 Resp: 53488

Ion	Ratio	Lower	Upper
178	100		
176	18.7	0.0	0.0#
179	16.8	21.4	32.0#

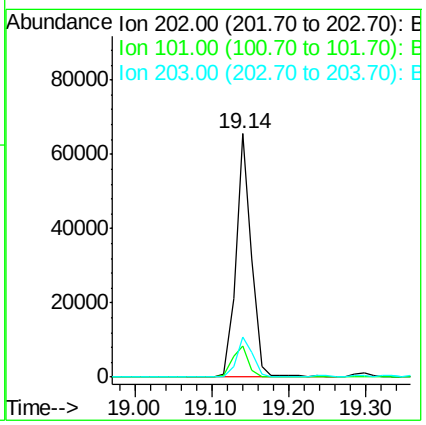


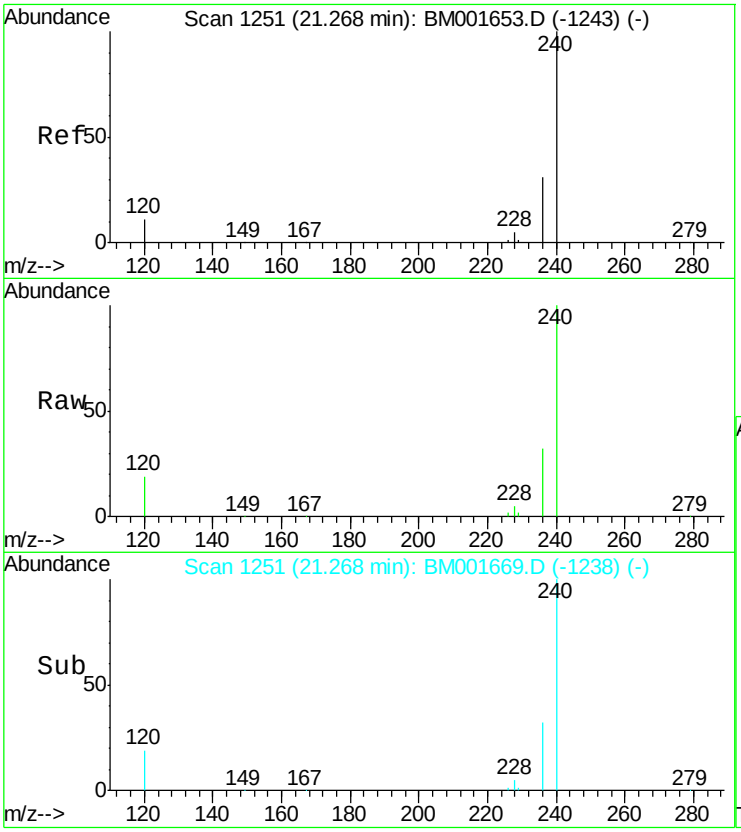


#24
Fluoranthene
Concen: 1.10 ng
RT: 19.14 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Tgt Ion:202 Resp: 90104

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.8	16.2
203	17.2	13.8	20.8



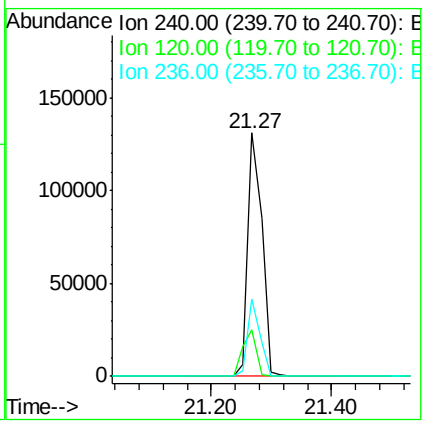


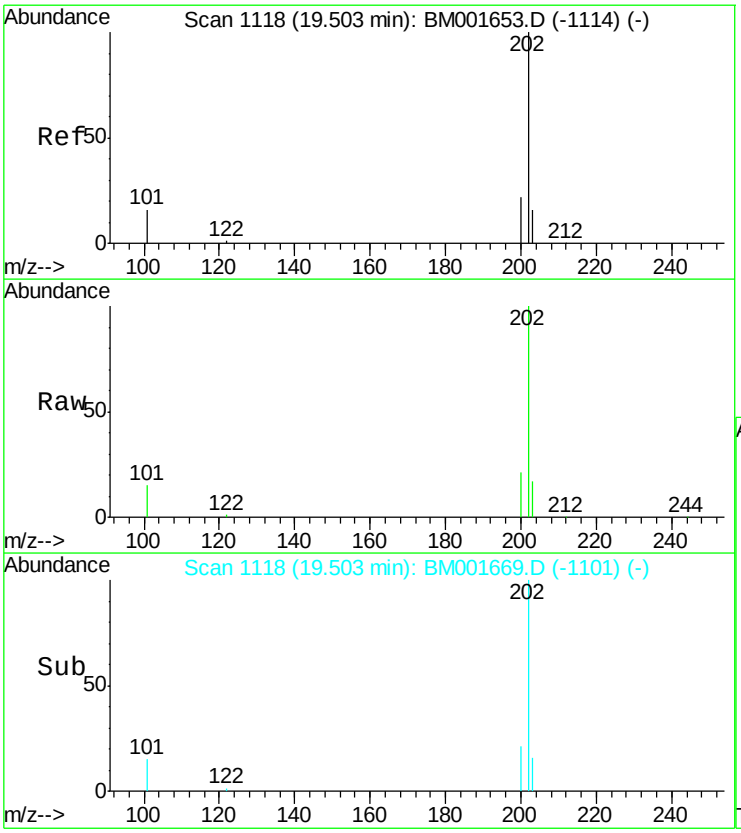
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.27 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Instrument :
BNA_M
ClientSampleId :
FM2ADL

Tgt Ion:240 Resp: 210048

Ion	Ratio	Lower	Upper
240	100		
120	19.1	8.9	13.3#
236	31.9	24.6	36.8

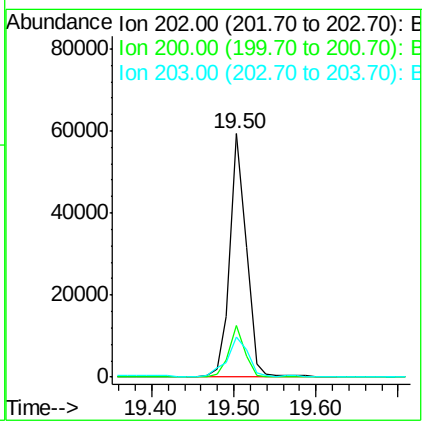


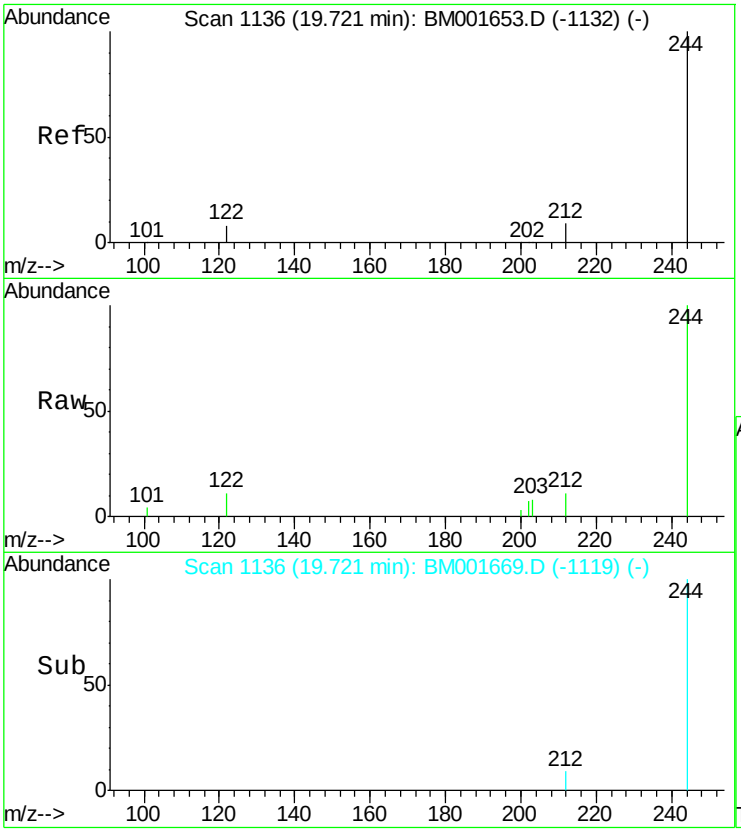


#26
Pyrene
Concen: 1.14 ng
RT: 19.50 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Tgt Ion:202 Resp: 81915

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	21.1	13.8	20.8#



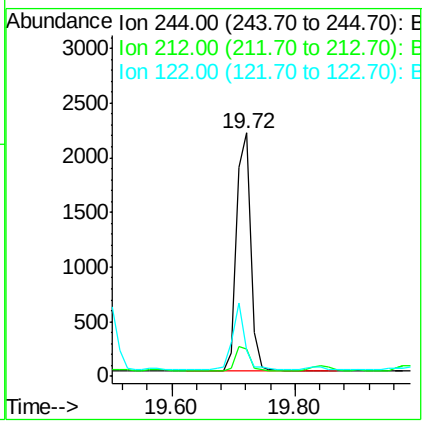


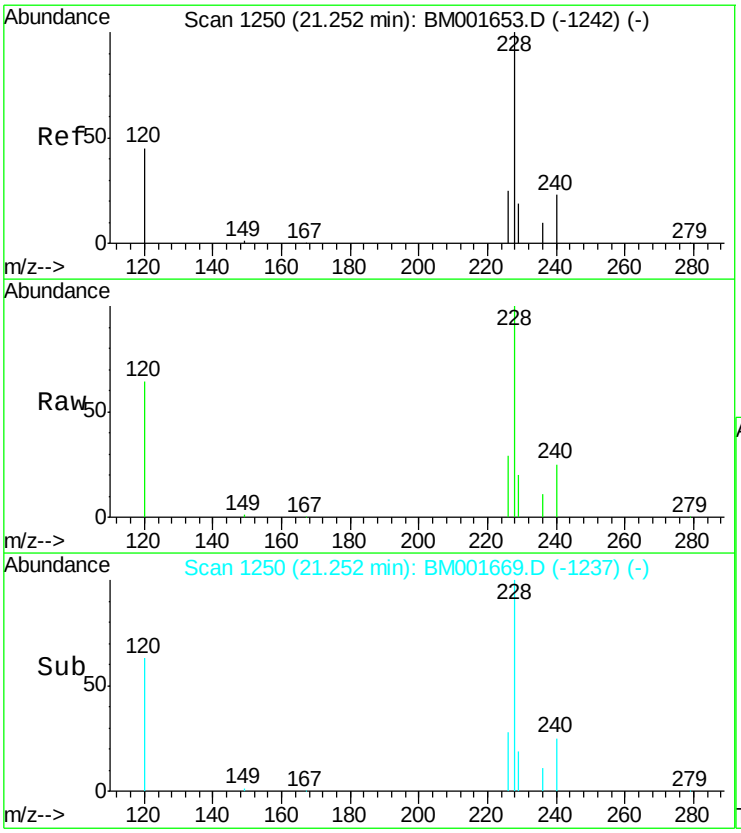
#27
Terphenyl-d14
Concen: 0.11 ng
RT: 19.72 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Instrument :
BNA_M
ClientSampleId :
FM2ADL

Tgt Ion:244 Resp: 3404

Ion	Ratio	Lower	Upper
244	100		
212	11.4	7.7	11.5
122	10.6	6.9	10.3#

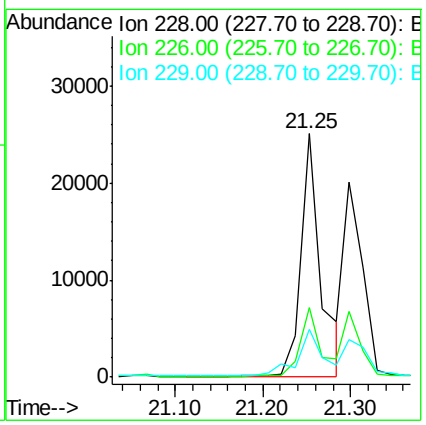


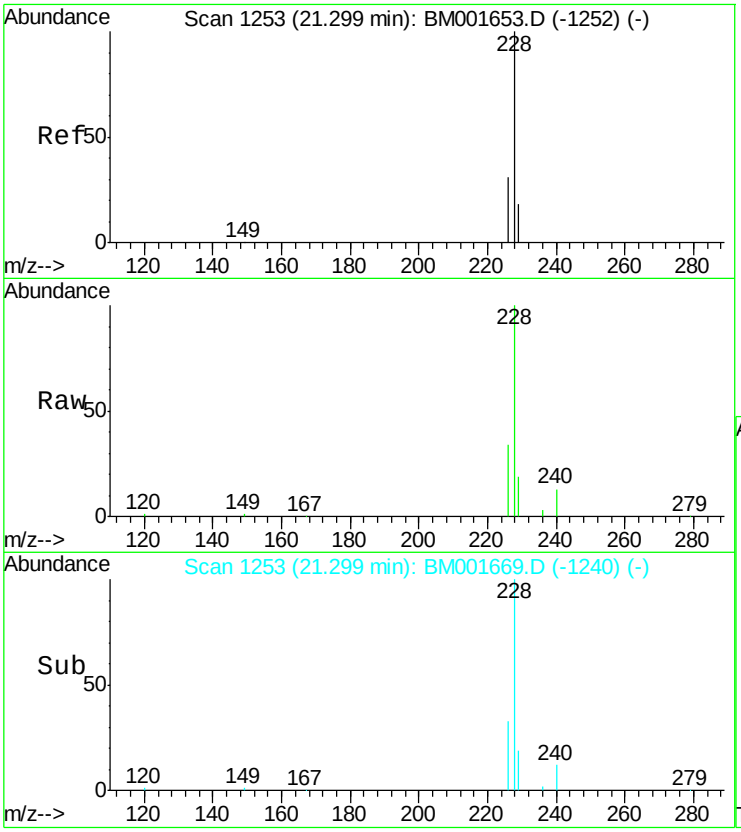


#28
Benzo(a)anthracene
Concen: 0.60 ng
RT: 21.25 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Tgt Ion:228 Resp: 39418

Ion	Ratio	Lower	Upper
228	100		
226	28.7	20.2	30.4
229	19.7	15.7	23.5



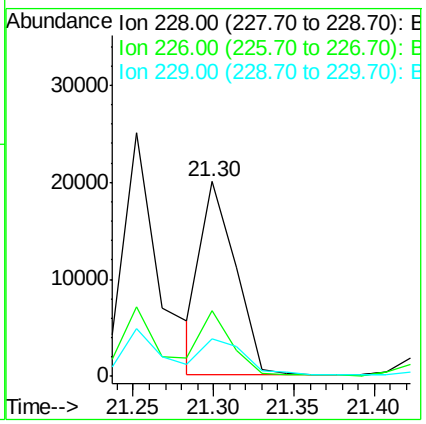


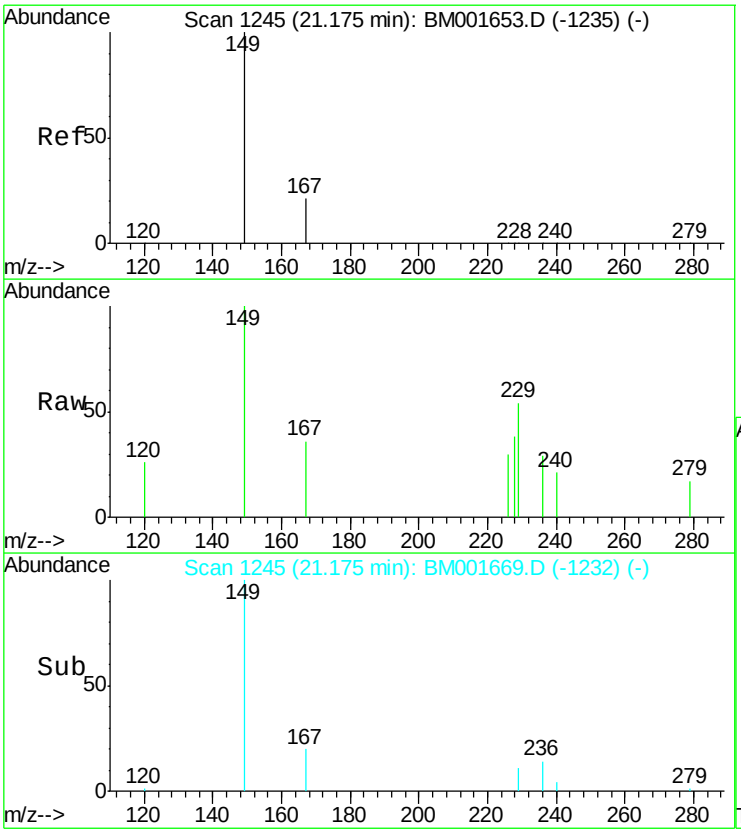
#29
Chrysene
Concen: 0.46 ng
RT: 21.30 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Instrument :
BNA_M
ClientSampleId :
FM2ADL

Tgt Ion:228 Resp: 29284

Ion	Ratio	Lower	Upper
228	100		
226	33.5	25.8	38.8
229	19.3	14.1	21.1

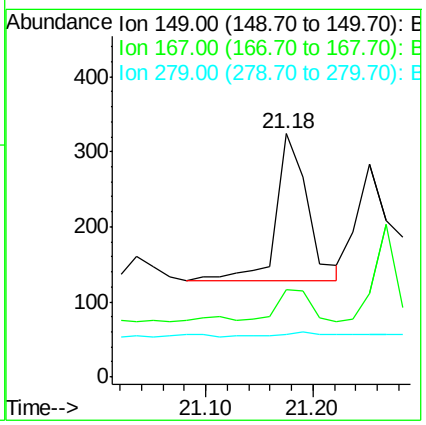


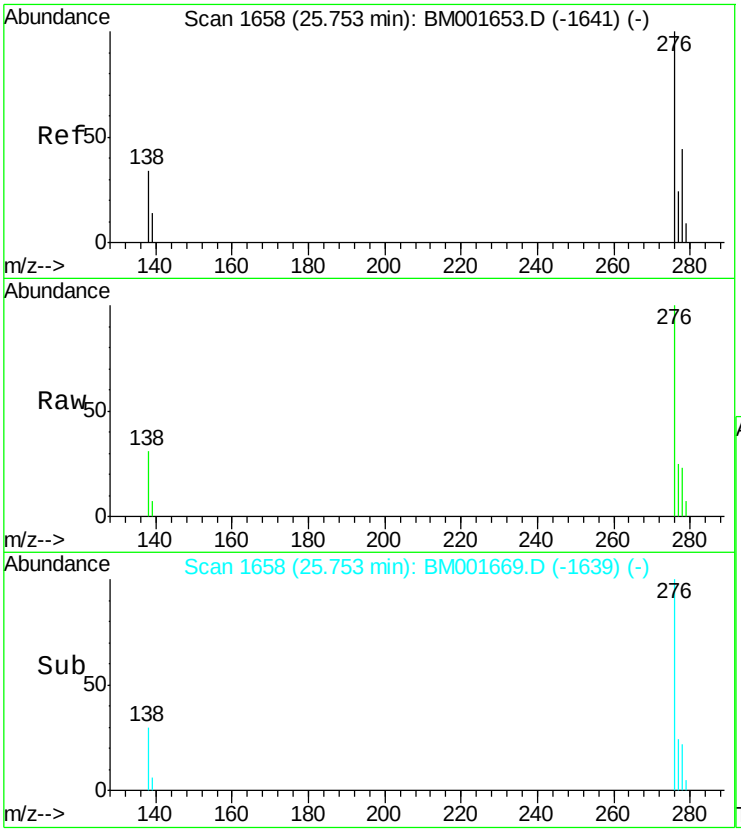


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.23 ng
RT: 21.18 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Tgt Ion:149 Resp: 392

Ion	Ratio	Lower	Upper
149	100		
167	22.7	20.2	30.2
279	1.8	1.7	2.5



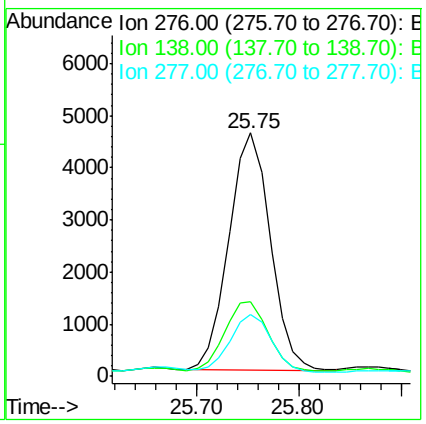


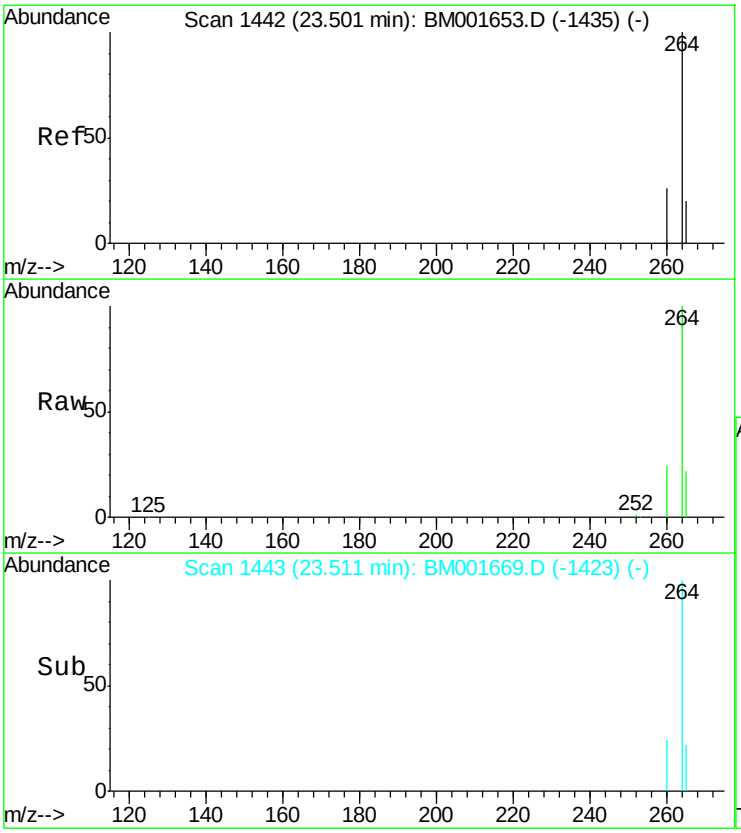
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.26 ng
RT: 25.75 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Instrument :
BNA_M
ClientSampleId :
FM2ADL

Tgt Ion:276 Resp: 12856

Ion	Ratio	Lower	Upper
276	100		
138	30.7	28.8	43.2
277	24.3	19.6	29.4

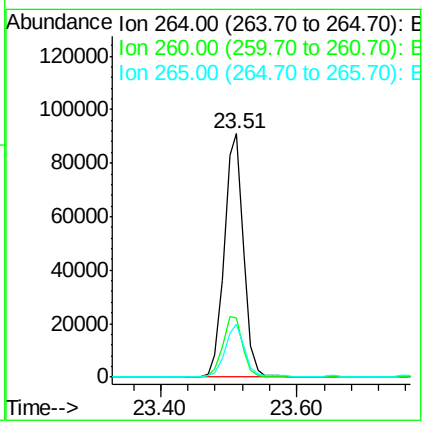


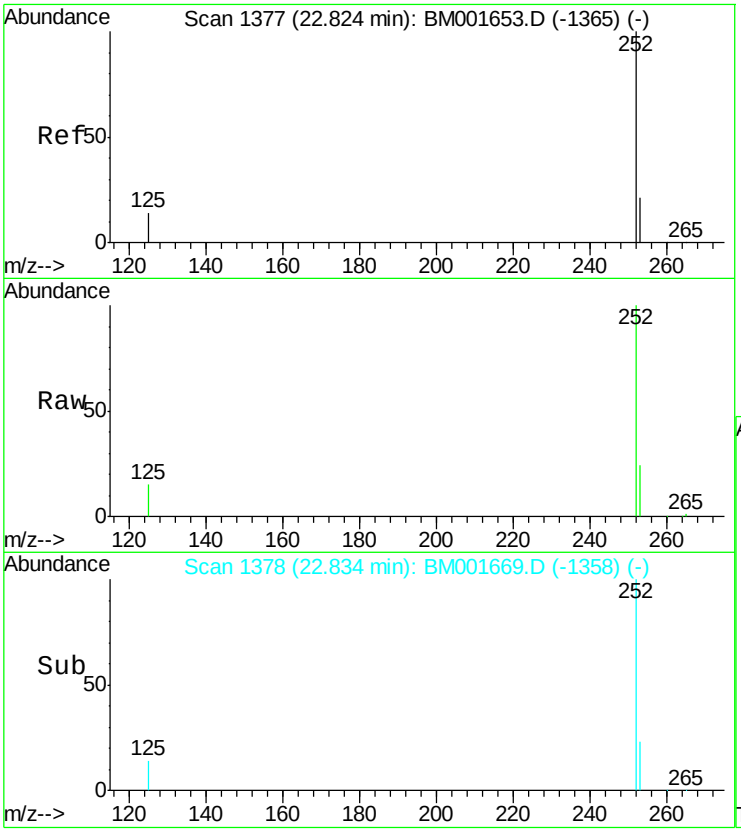


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.51 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Tgt Ion:264 Resp: 176082

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.8	31.2
265	22.0	16.9	25.3



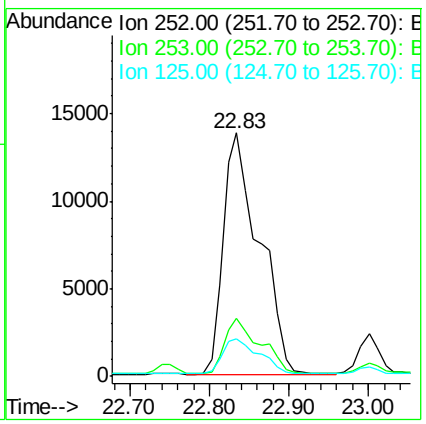


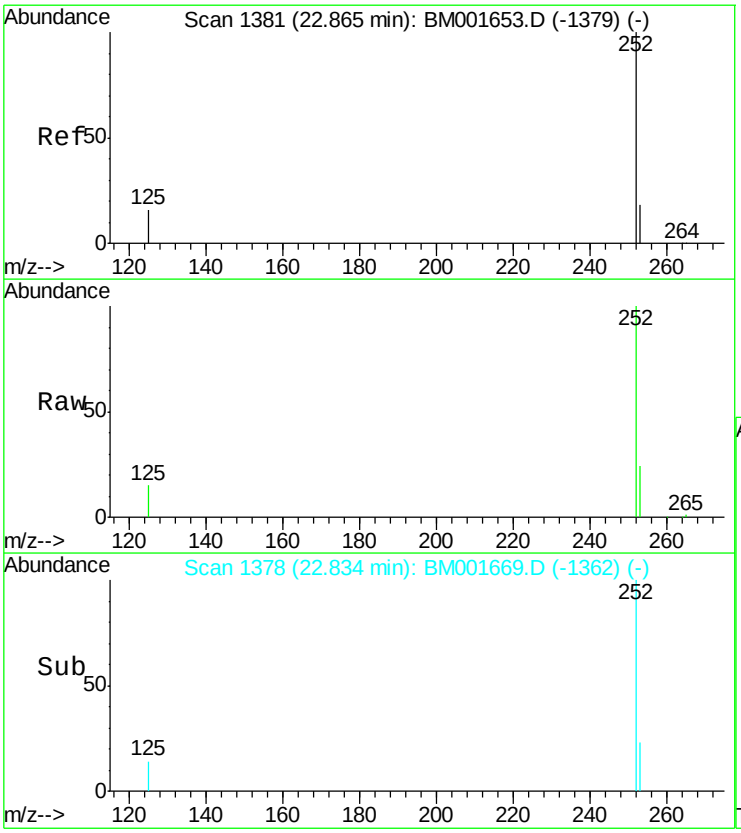
#33
Benzo(b)fluoranthene
Concen: 0.75 ng
RT: 22.83 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Instrument :
BNA_M
ClientSampleId :
FM2ADL

Tgt Ion:252 Resp: 43356

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	15.3	12.0	18.0

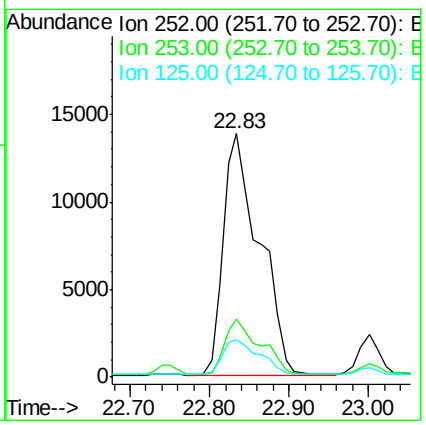


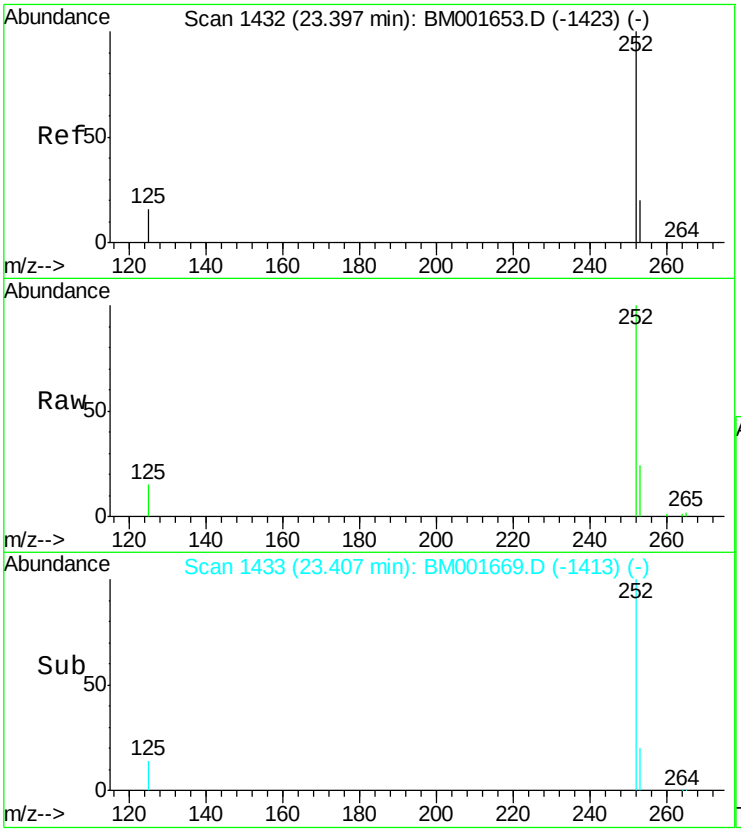


#34
Benzo(k)fluoranthene
Concen: 0.78 ng
RT: 22.83 min Scan# 1378
Delta R.T. -0.03 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Tgt Ion:252 Resp: 43356

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	15.3	12.5	18.7



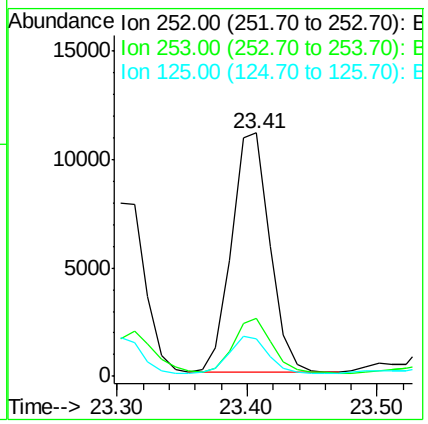


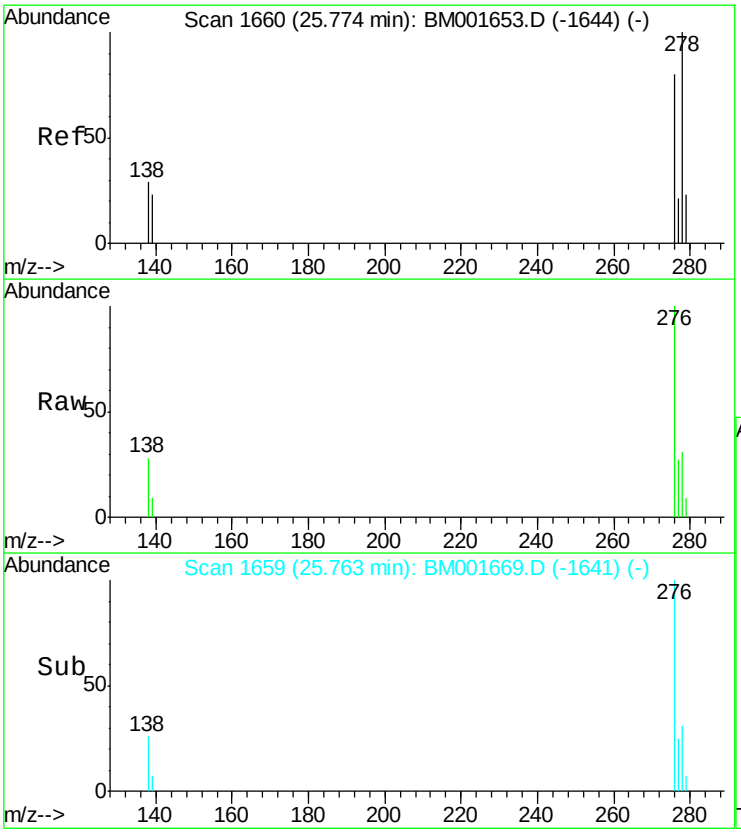
#35
Benzo(a)pyrene
Concen: 0.47 ng
RT: 23.41 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Instrument :
BNA_M
ClientSampleId :
FM2ADL

Tgt Ion:252 Resp: 22618

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.0
125	15.3	14.0	21.0

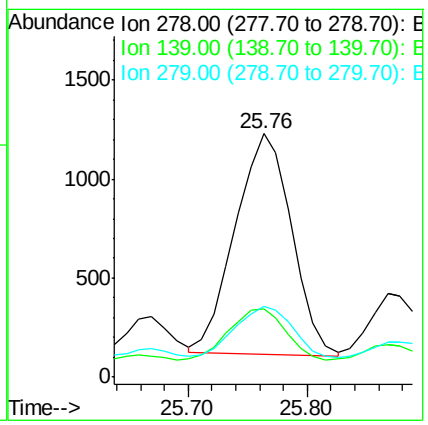


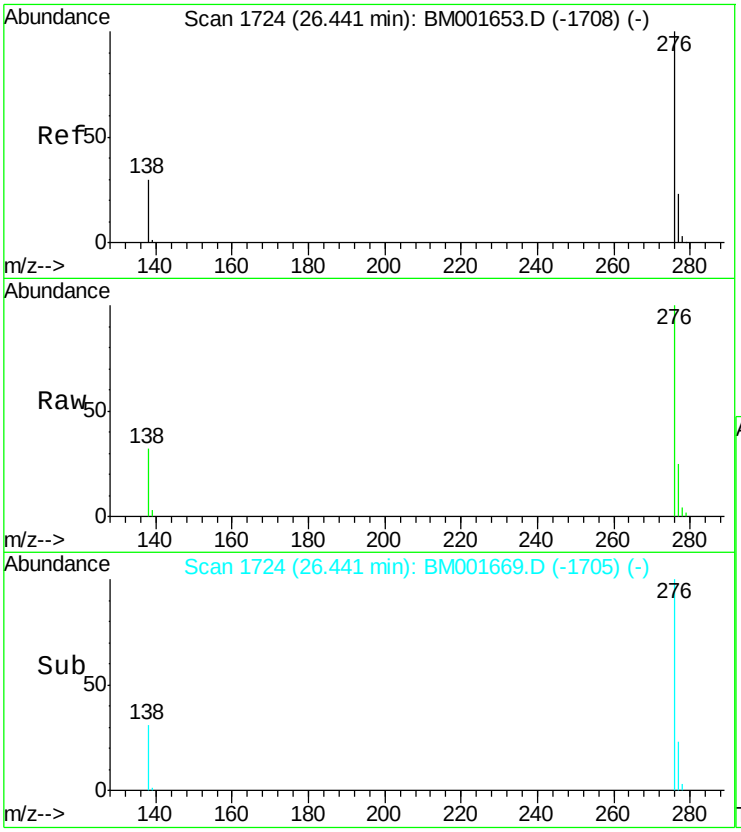


#36
Dibenzo(a,h)anthracene
Concen: 0.09 ng
RT: 25.76 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Tgt Ion:278 Resp: 3653

Ion	Ratio	Lower	Upper
278	100		
139	27.8	19.1	28.7
279	29.1	19.7	29.5





#37
Benzo(g,h,i)perylene
Concen: 0.33 ng
RT: 26.44 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BM001669.D
Acq: 12 Jun 2015 09:40

Instrument :
BNA_M
ClientSampleId :
FM2ADL

Tgt Ion:276 Resp: 12642

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.3	28.9
138	32.4	25.0	37.4