Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060215\
Data File : BM001536.D
Acq On : 03 Jun 2015 06:09
Operator : TP/IZ
Sample : G2434-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 052915-P20-F-U-S

Quant Time: Jun 03 07:05:20 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 03 05:42:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	14324	5.00	ng	0.00
6) Naphthalene-d8	10.49	136	49881	5.00	ng	0.00
12) Acenaphthene-d10	14.36	164	23212	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	71287	5.00	ng	0.00
25) Chrysene-d12	21.28	240	41333	5.00	ng	0.00
32) Perylene-d12	23.53	264	40333	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	15694	5.01	ng	0.00
5) Phenol-d6	6.86	99	14269	3.69	ng	0.00
7) Nitrobenzene-d5	8.87	82	25851	8.31	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	8859	19.86	ng	0.00
14) 2-Fluorobiphenyl	12.98	172	61367	8.80	ng	0.00
27) Terphenyl-d14	19.73	244	52450	10.30	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.60	42	5	0.00	ng	# 10
8) Nitrobenzene	8.94	77	7	0.00	ng	# 15
9) Naphthalene	10.54	128	46	0.00	ng	# 1
11) 2-Methylnaphthalene	12.16	142	26	0.00	ng	# 54
15) Acenaphthylene	14.07	152	16	0.00	ng	# 37
16) Acenaphthene	14.42	154	12	0.00	ng	# 18
17) Fluorene	15.39	166	37	0.00	ng	# 83
19) 4-Bromophenyl-phenylether	16.27	248	4	0.00	ng	# 30
20) Hexachlorobenzene	16.41	284	8	0.00	ng	# 37
21) Pentachlorophenol	16.75	266	14	0.24	ng	# 71
22) Phenanthrene	17.12	178	202	0.02	ng	# 86
23) Anthracene	17.23	178	26	0.00	ng	# 80
24) Fluoranthene	19.16	202	124	0.01	ng	# 21
26) Pyrene	19.53	202	121	0.01	ng	# 89
28) Benzo(a)anthracene	21.28	228	323	0.03	ng	# 62
29) Chrysene	21.28	228	323	0.03	ng	# 74
30) Bis(2-ethylhexyl)phthalate	21.21	149	1858	0.24	ng	96
31) Indeno(1,2,3-cd)pyrene	25.79	276	154	0.01	ng	# 86
33) Benzo(b)fluoranthene	22.85	252	148	0.01	ng	# 1
34) Benzo(k)fluoranthene	22.90	252	111	0.01	ng	# 1
35) Benzo(a)pyrene	23.43	252	58	0.01	ng	# 1
36) Dibenzo(a,h)anthracene	25.82	278	113	0.01	ng	# 1
37) Benzo(g,h,i)perylene	26.48	276	129	0.01	ng	# 1

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

Quantitation Report (Not Reviewed)

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Data File : BM001536.D
Acq On : 03 Jun 2015 06:09
Operator : TP/IZ
Sample : G2434-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
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052915-P20-F-U-S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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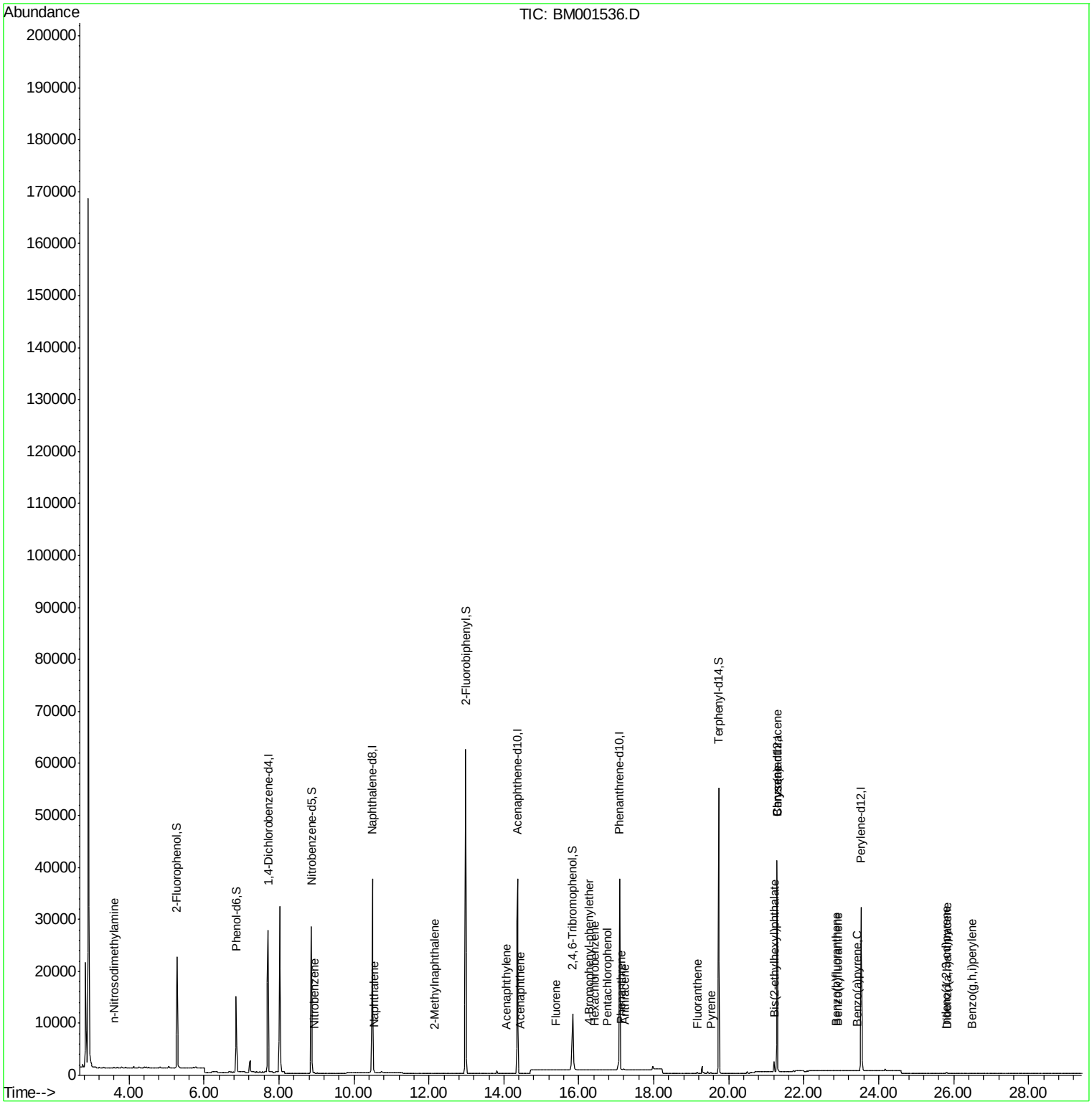
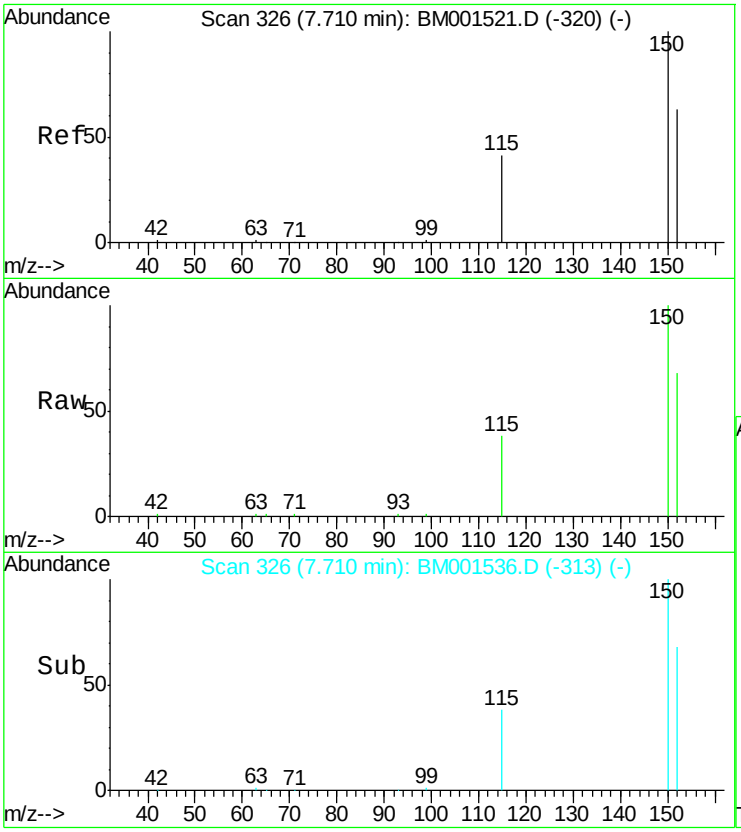


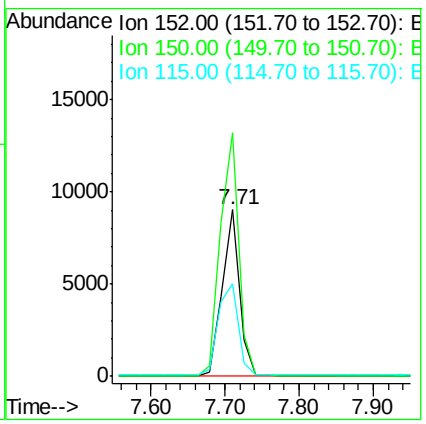


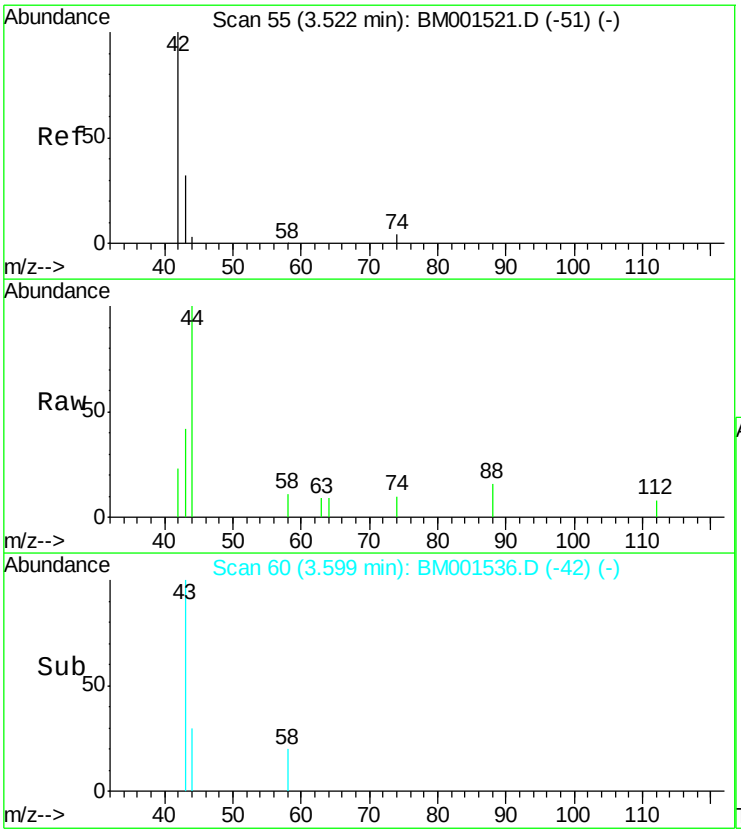
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.71 min Scan# 326
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Instrument :
BNA_M
ClientSampleId :
052915-P20-F-U-S

Tgt Ion:152 Resp: 14324

Ion	Ratio	Lower	Upper
152	100		
150	146.5	119.0	178.6
115	55.9	41.8	62.8

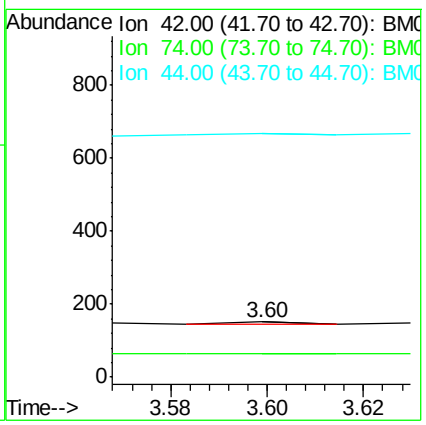


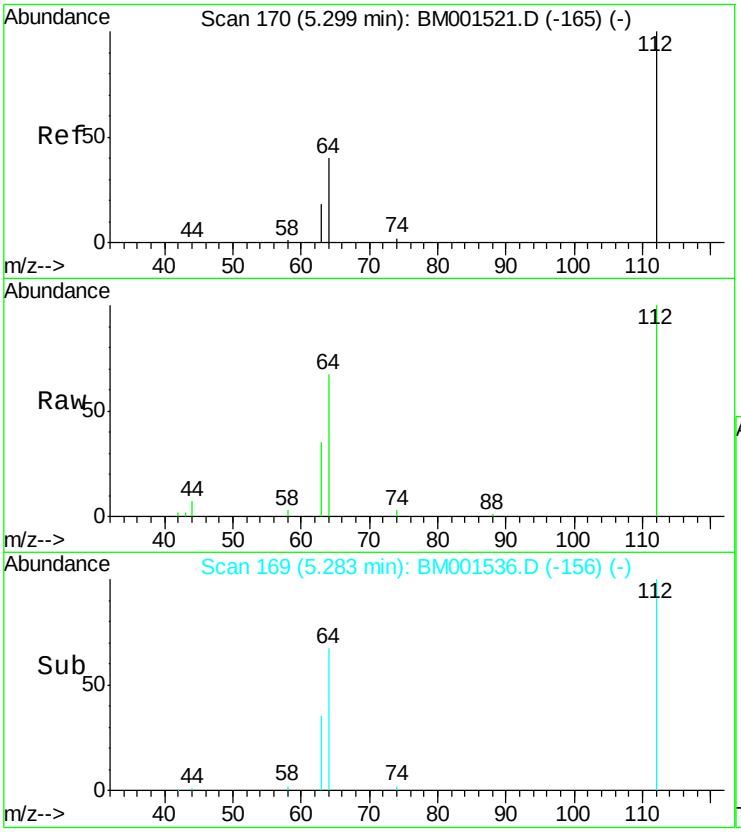


#3
n-Nitrosodimethylamine
Concen: 0.00 ng
RT: 3.60 min Scan# 60
Delta R.T. 0.08 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Tgt Ion: 42 Resp: 5

Ion	Ratio	Lower	Upper
42	100		
74	0.0	72.2	108.2#
44	0.0	6.2	9.2#



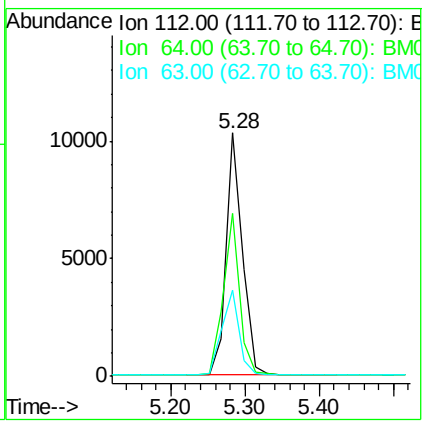


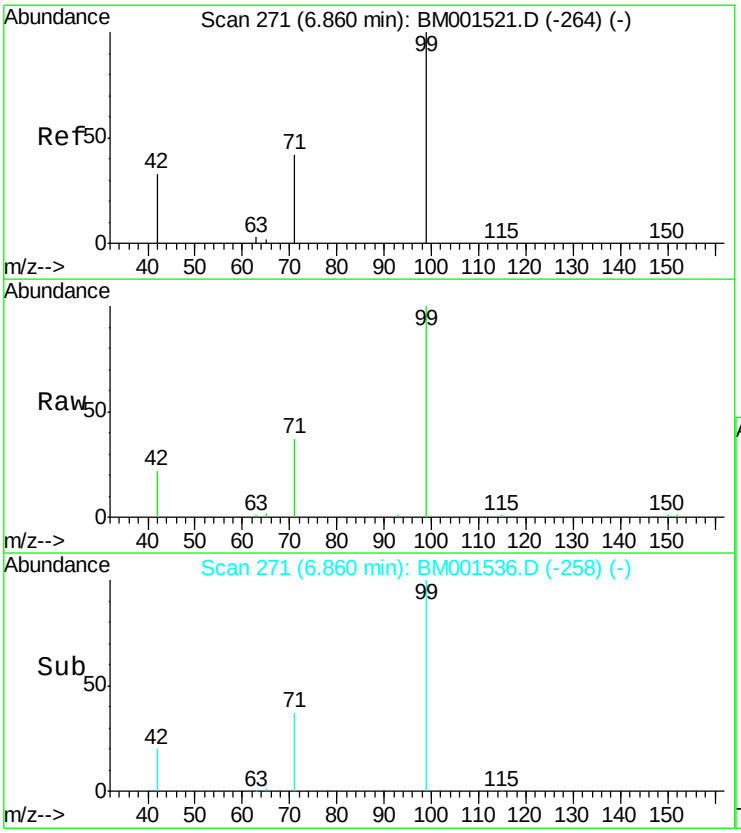
#4
2-Fluorophenol
Concen: 5.01 ng
RT: 5.28 min Scan# 169
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Instrument :
BNA_M
ClientSampleId :
052915-P20-F-U-S

Tgt Ion:112 Resp: 15694

Ion	Ratio	Lower	Upper
112	100		
64	66.1	51.7	77.5
63	36.9	29.7	44.5

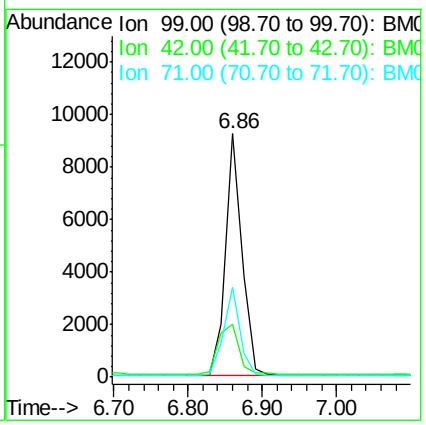


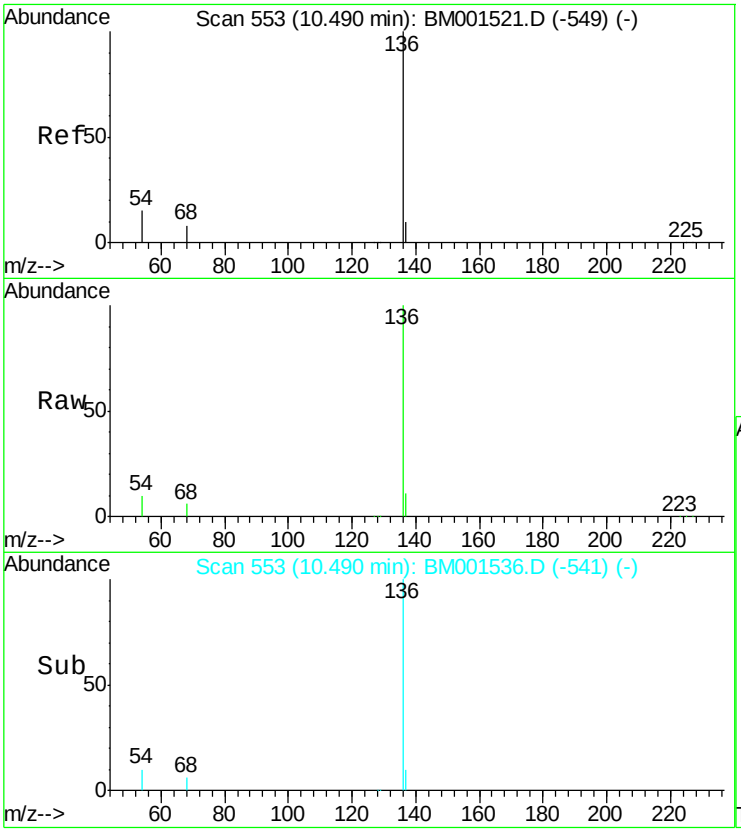


#5
Phenol-d6
Concen: 3.69 ng
RT: 6.86 min Scan# 271
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Tgt Ion: 99 Resp: 14269

Ion	Ratio	Lower	Upper
99	100		
42	25.0	21.8	32.6
71	36.2	29.2	43.8



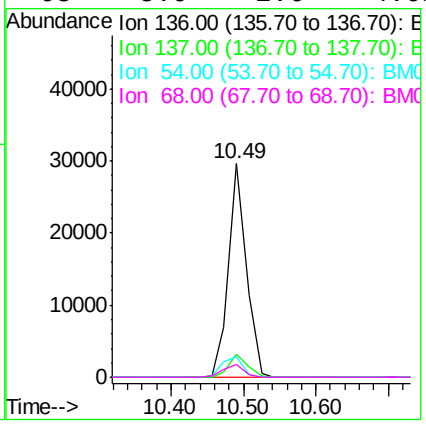


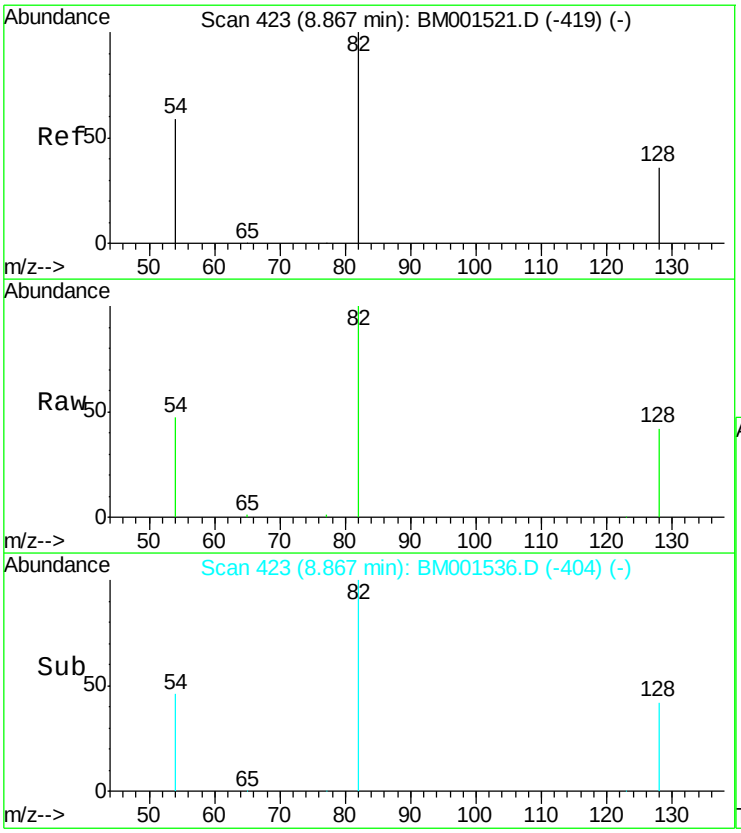
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.49 min Scan# 553
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Instrument :
BNA_M
ClientSampleId :
052915-P20-F-U-S

Tgt Ion:136 Resp: 49881

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	9.8	4.3	6.5#
68	5.9	2.6	4.0#

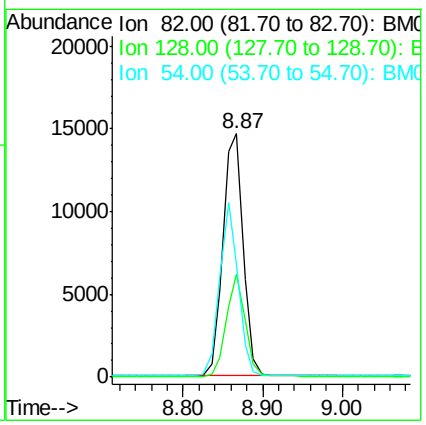


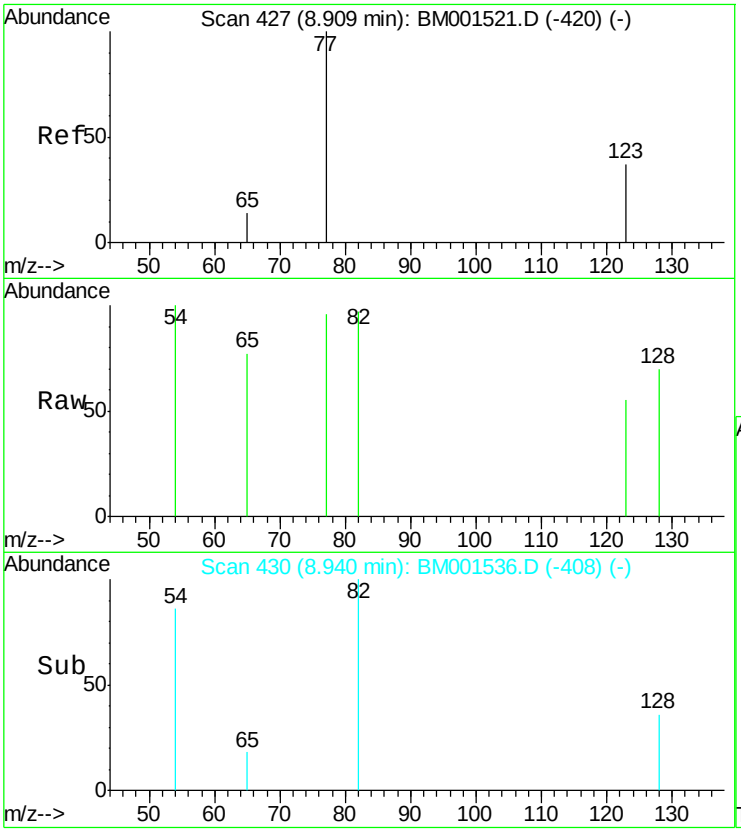


#7
Nitrobenzene-d5
Concen: 8.31 ng
RT: 8.87 min Scan# 423
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Tgt Ion: 82 Resp: 25851

Ion	Ratio	Lower	Upper
82	100		
128	42.4	30.2	45.4
54	46.6	52.9	79.3#



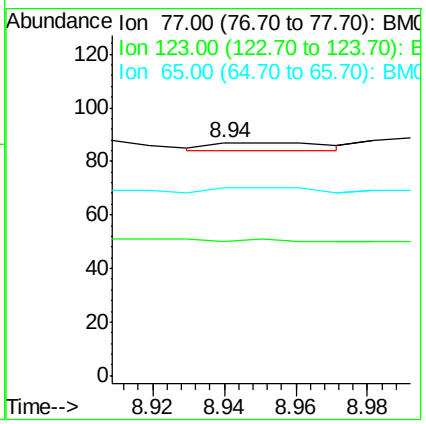


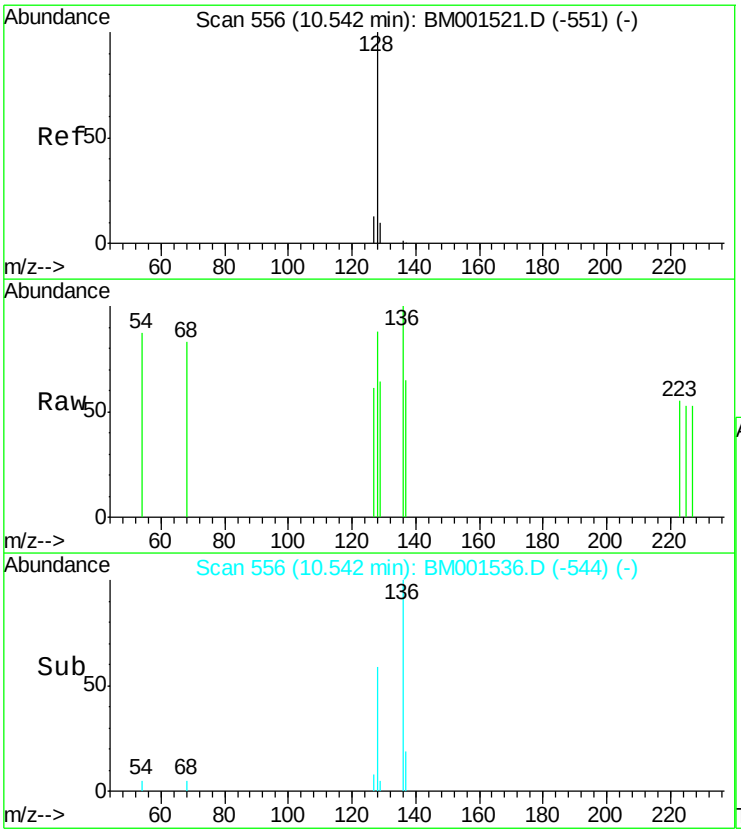
#8
Nitrobenzene
Concen: 0.00 ng
RT: 8.94 min Scan# 430
Delta R.T. 0.03 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Instrument :
BNA_M
ClientSampleId :
052915-P20-F-U-S

Tgt Ion: 77 Resp: 7

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.7	50.5#
65	71.4	11.3	16.9#

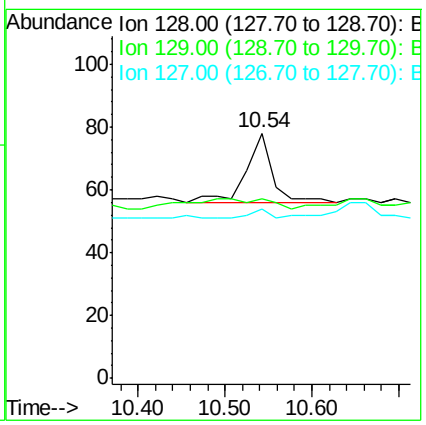


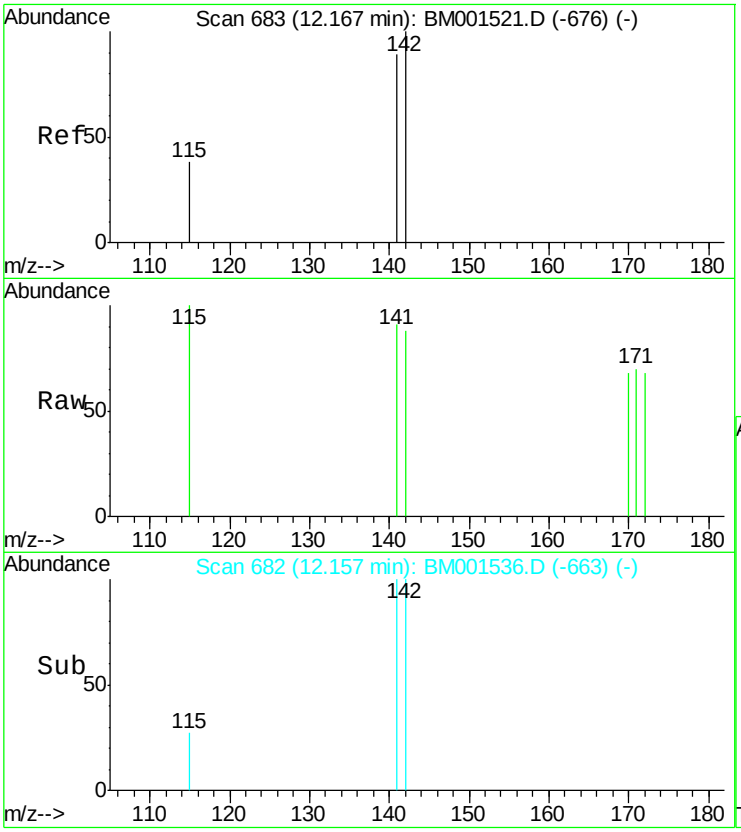


#9
Naphthalene
Concen: 0.00 ng
RT: 10.54 min Scan# 556
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Tgt Ion:128 Resp: 46

Ion	Ratio	Lower	Upper
128	100		
129	73.1	8.6	13.0#
127	69.2	11.7	17.5#



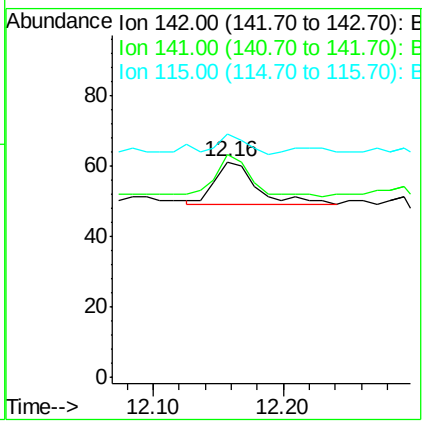


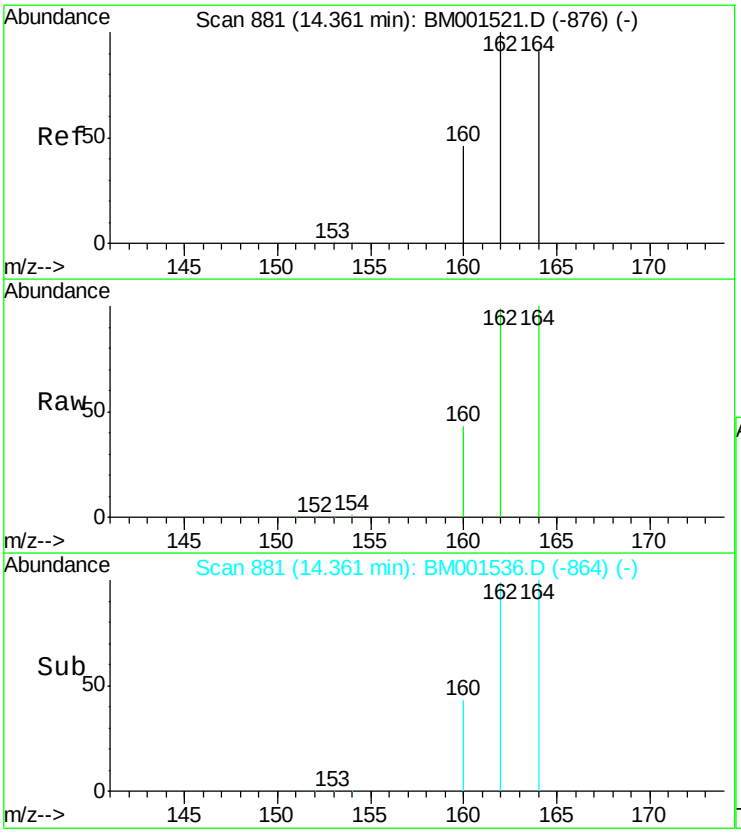
#11
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.16 min Scan# 682
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Instrument :
BNA_M
ClientSampleId :
052915-P20-F-U-S

Tgt Ion:142 Resp: 26

Ion	Ratio	Lower	Upper
142	100		
141	103.3	72.6	109.0
115	113.1	31.2	46.8#

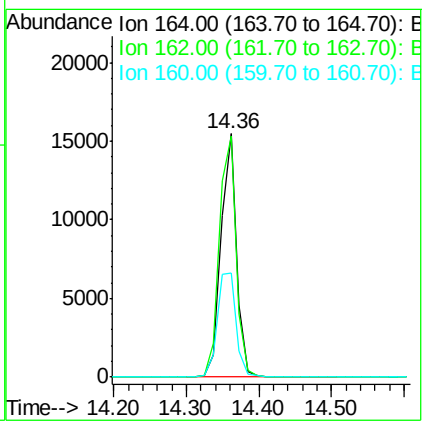


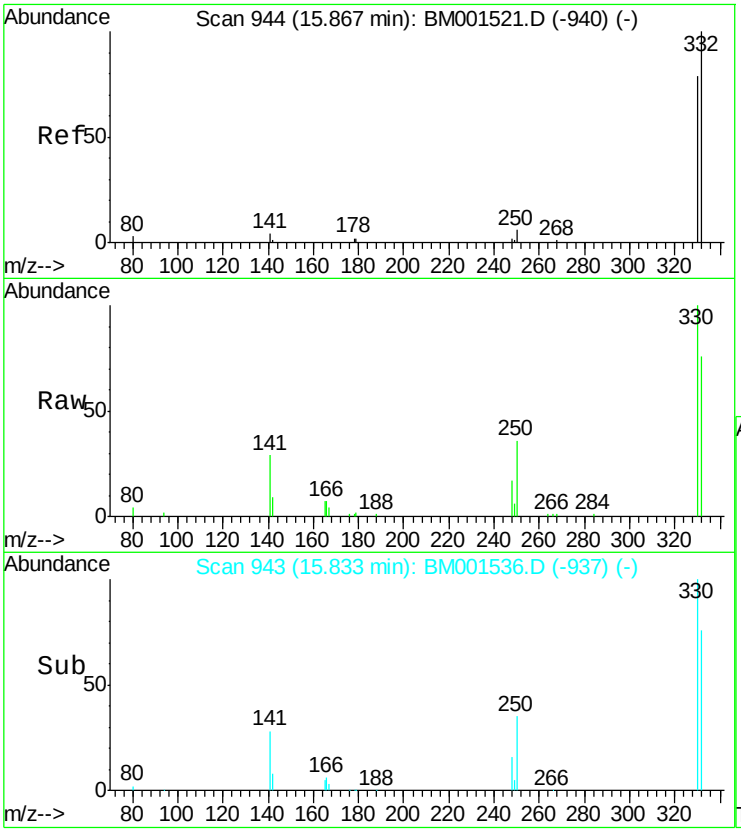


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.36 min Scan# 881
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Tgt Ion:164 Resp: 23212

Ion	Ratio	Lower	Upper
164	100		
162	99.2	83.4	125.2
160	42.9	36.9	55.3



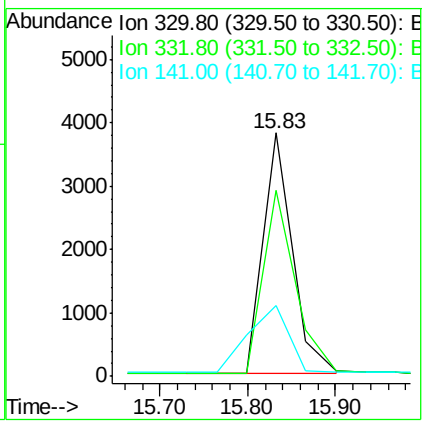


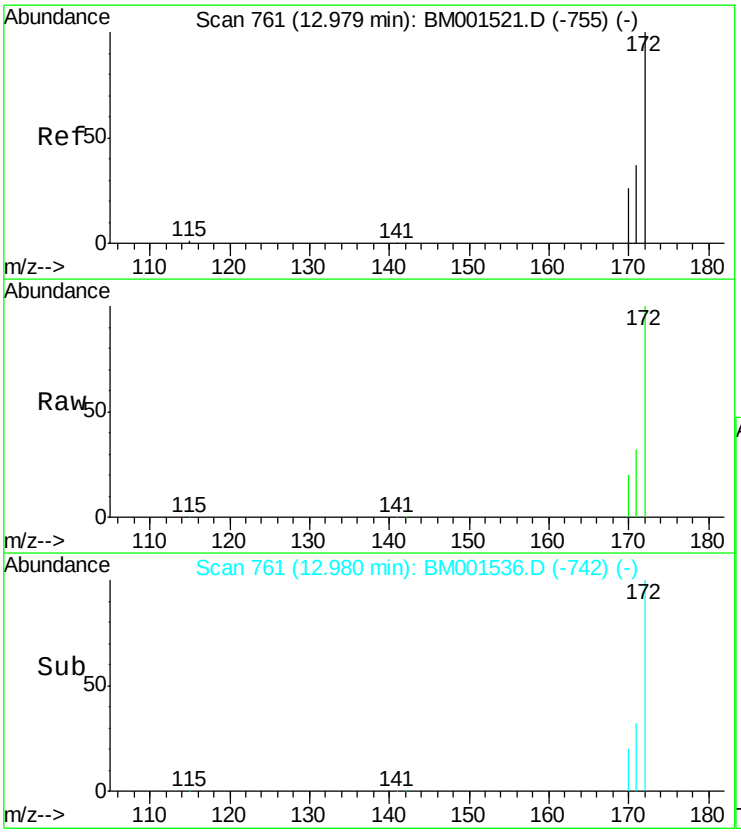
#13
2,4,6-Tribromophenol
Concen: 19.86 ng
RT: 15.83 min Scan# 943
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Instrument :
BNA_M
ClientSampleId :
052915-P20-F-U-S

Tgt Ion:330 Resp: 8859

Ion	Ratio	Lower	Upper
330	100		
332	83.4	90.3	135.5#
141	38.9	0.0	0.0#

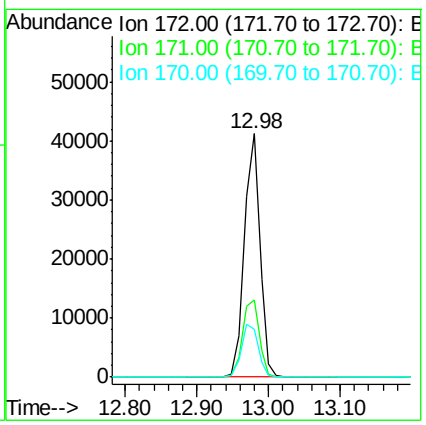


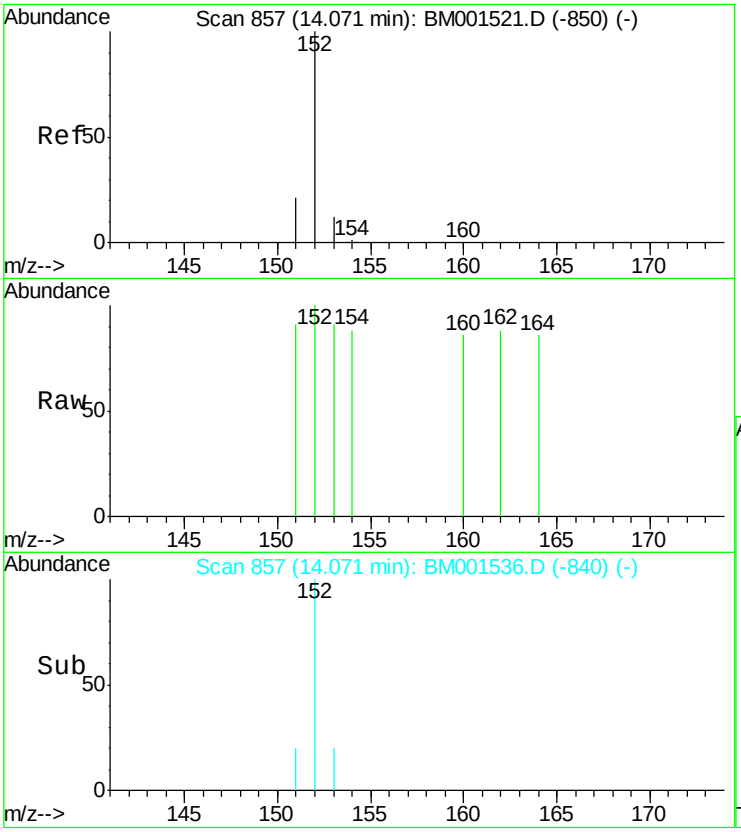


#14
2-Fluorobiphenyl
Concen: 8.80 ng
RT: 12.98 min Scan# 761
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Tgt Ion:172 Resp: 61367

Ion	Ratio	Lower	Upper
172	100		
171	31.7	29.4	44.0
170	19.7	20.2	30.4#



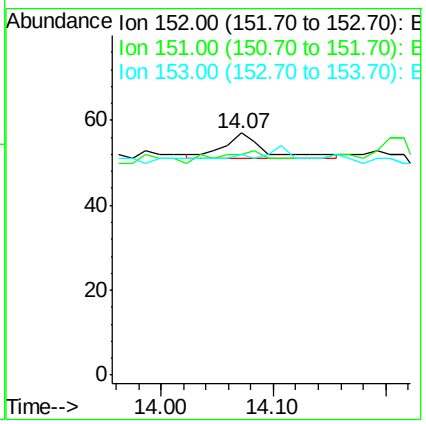


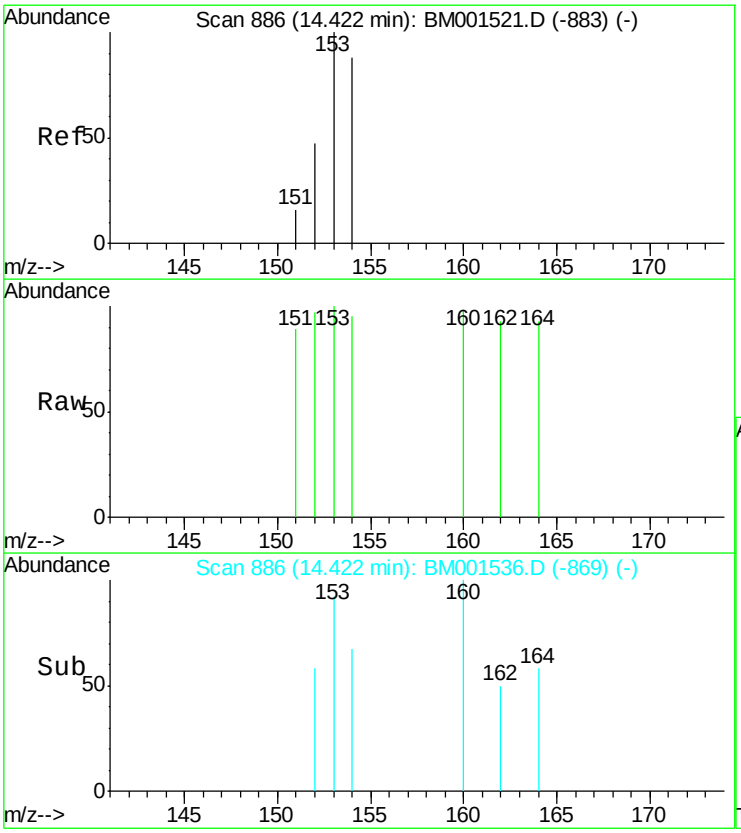
#15
Acenaphthylene
Concen: 0.00 ng
RT: 14.07 min Scan# 857
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Instrument :
BNA_M
ClientSampleId :
052915-P20-F-U-S

Tgt Ion:152 Resp: 16

Ion	Ratio	Lower	Upper
152	100		
151	56.3	15.1	22.7#
153	0.0	10.2	15.4#

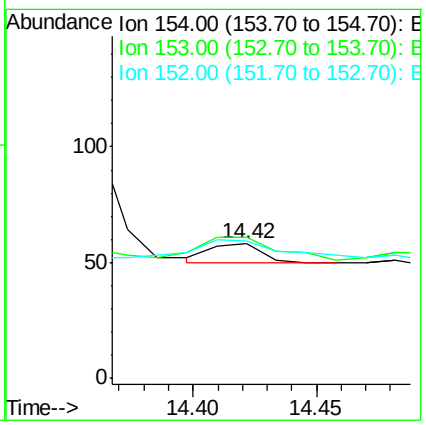


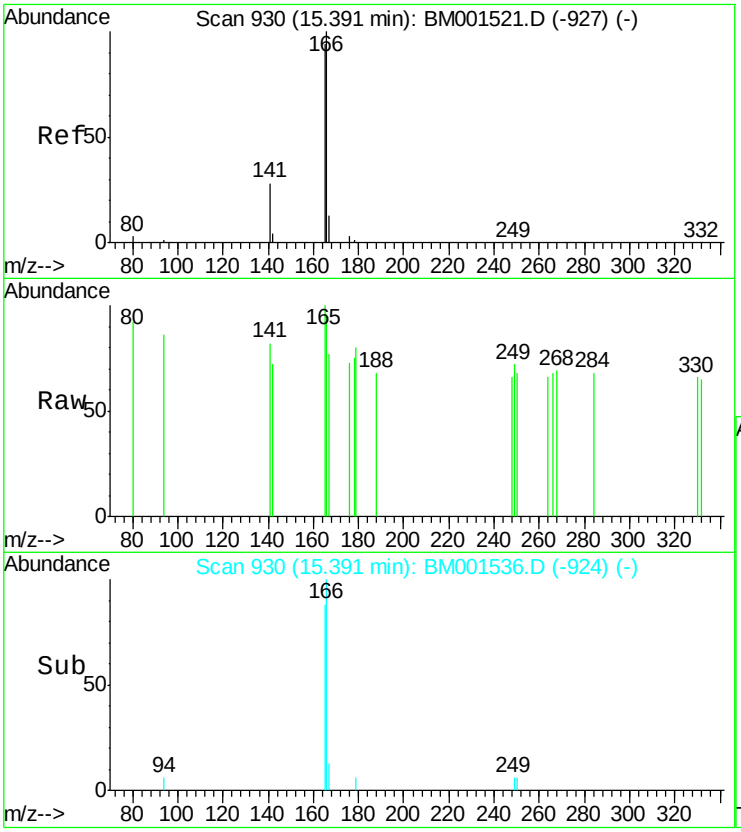


#16
Acenaphthene
Concen: 0.00 ng
RT: 14.42 min Scan# 886
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Tgt Ion:154 Resp: 12

Ion	Ratio	Lower	Upper
154	100		
153	183.3	91.4	137.2#
152	141.7	44.0	66.0#



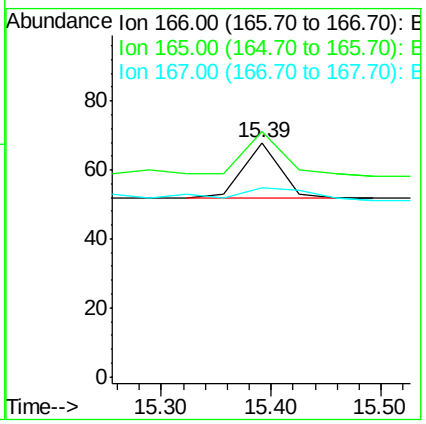


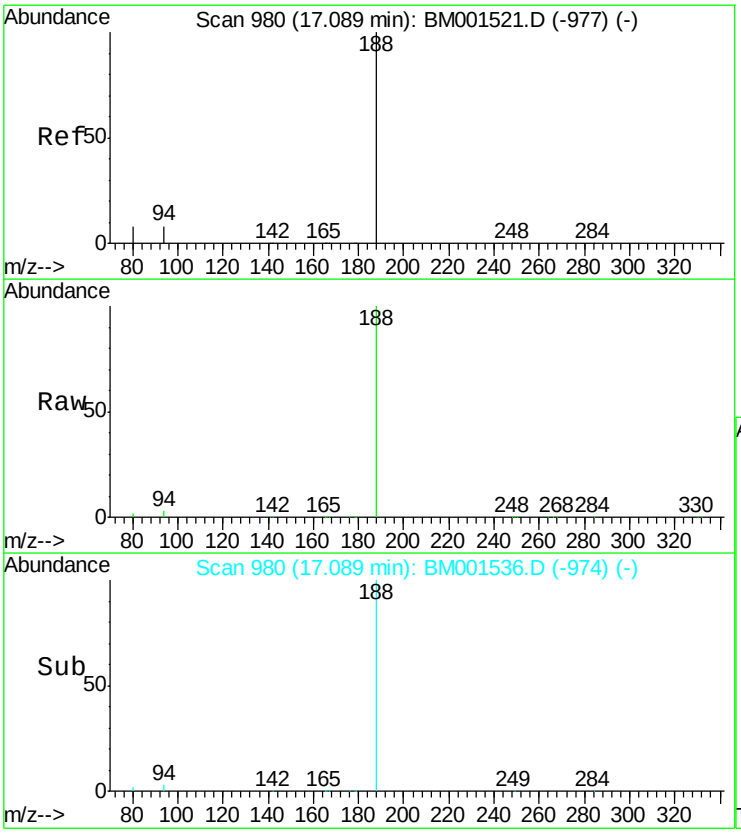
#17
Fluorene
Concen: 0.00 ng
RT: 15.39 min Scan# 930
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Instrument :
BNA_M
ClientSampleId :
052915-P20-F-U-S

Tgt Ion:166 Resp: 37

Ion	Ratio	Lower	Upper
166	100		
165	78.4	72.6	108.8
167	32.4	10.9	16.3#

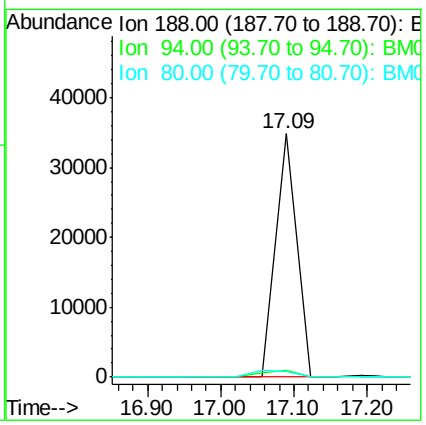


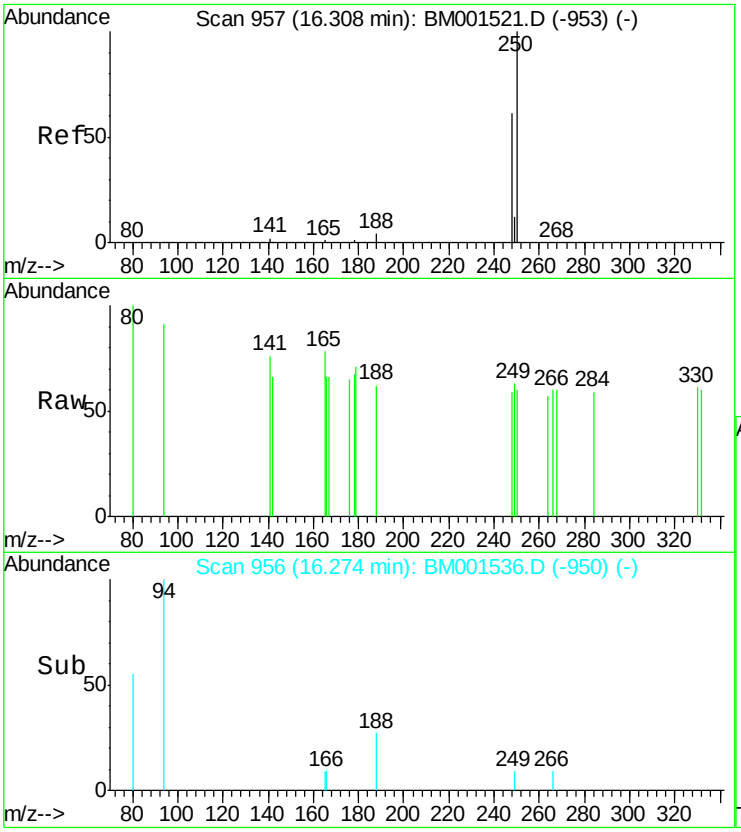


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 980
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Tgt Ion:188 Resp: 71287

Ion	Ratio	Lower	Upper
188	100		
94	2.9	3.0	4.4#
80	2.5	2.5	3.7



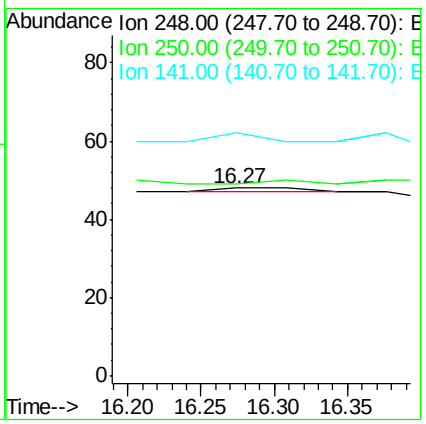


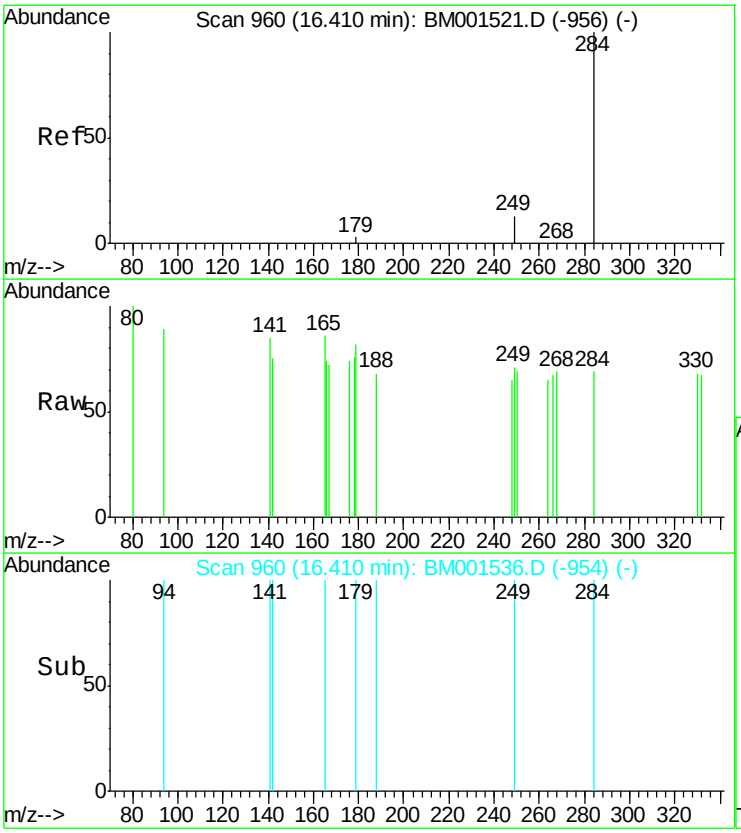
#19
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.27 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Instrument :
BNA_M
ClientSampleId :
052915-P20-F-U-S

Tgt Ion:248 Resp: 4

Ion	Ratio	Lower	Upper
248	100		
250	0.0	76.8	115.2#
141	100.0	57.7	86.5#

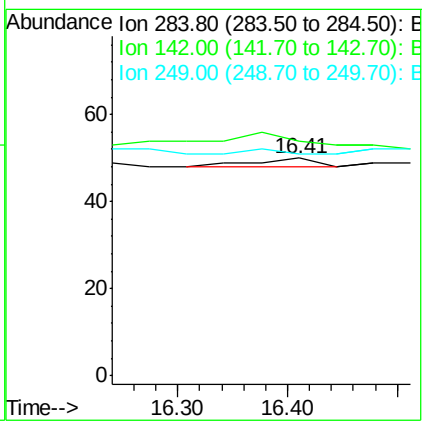


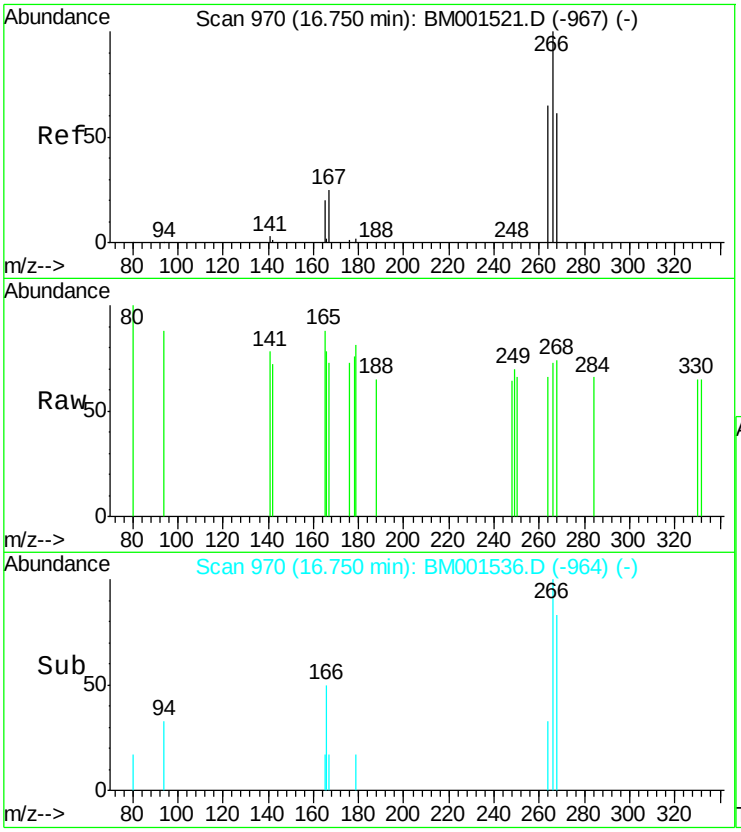


#20
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.41 min Scan# 960
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Tgt Ion:284 Resp: 8

Ion	Ratio	Lower	Upper
284	100		
142	0.0	13.9	20.9#
249	0.0	39.0	58.4#



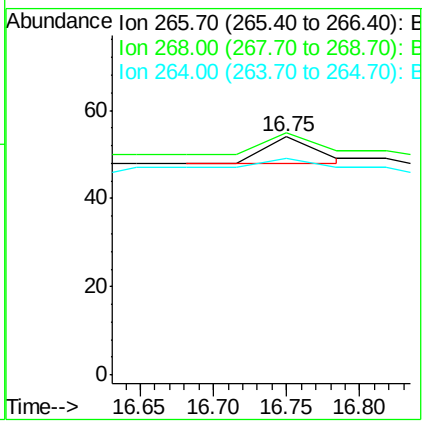


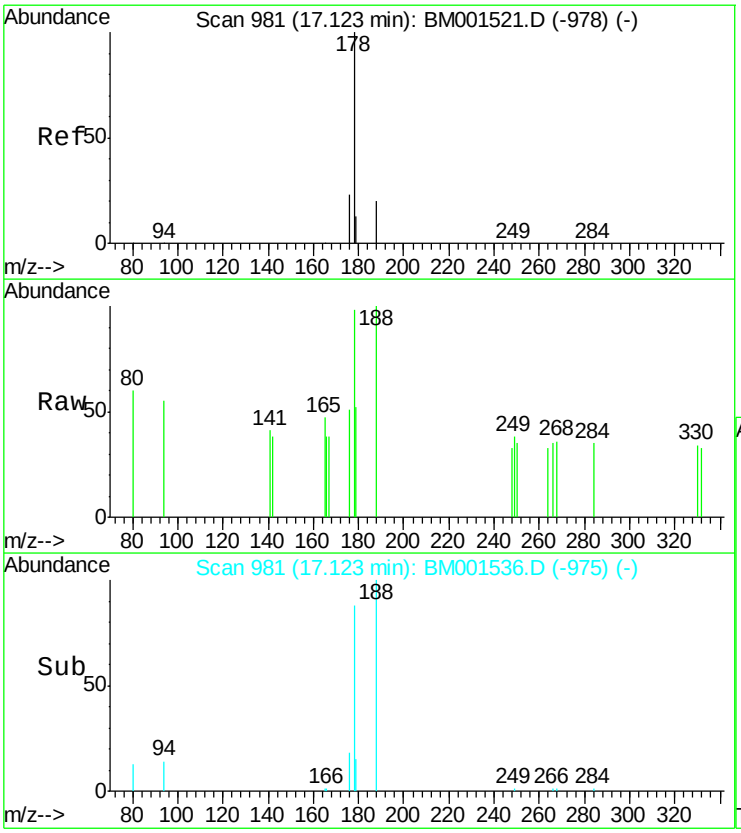
#21
Pentachlorophenol
Concen: 0.24 ng
RT: 16.75 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Instrument :
BNA_M
ClientSampleId :
052915-P20-F-U-S

Tgt Ion:266 Resp: 14

Ion	Ratio	Lower	Upper
266	100		
268	101.9	63.0	94.4#
264	90.7	52.8	79.2#

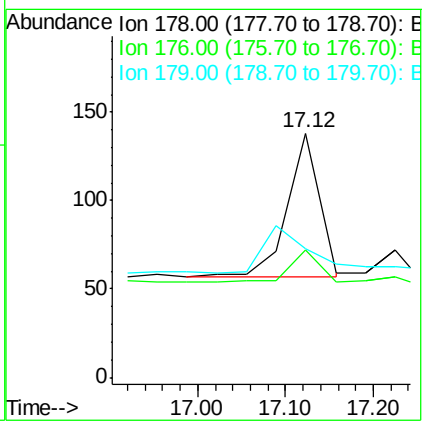


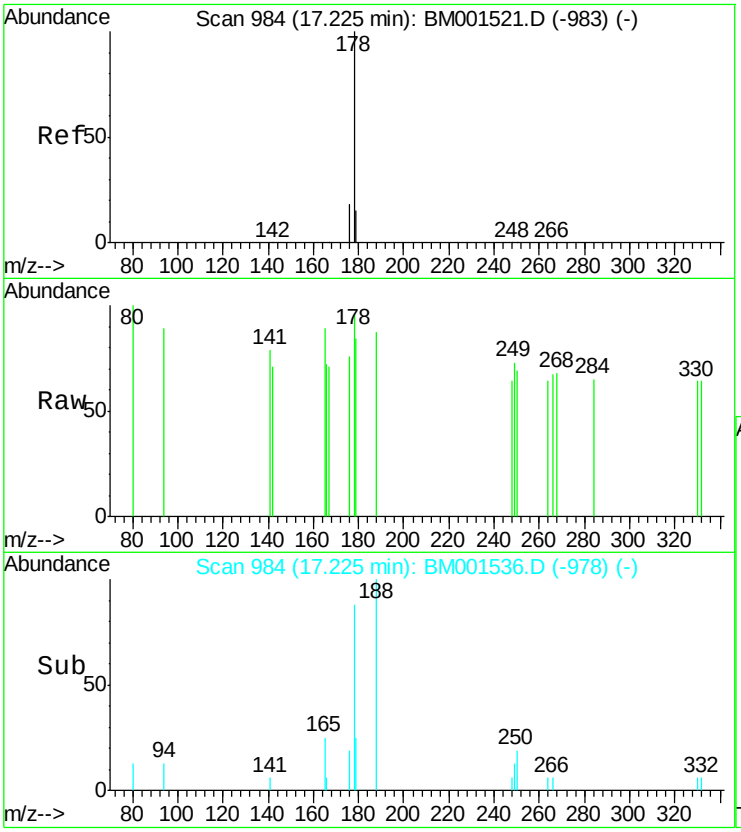


#22
Phenanthrene
Concen: 0.02 ng
RT: 17.12 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Tgt Ion:178 Resp: 202

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.8	25.2
179	0.0	11.0	16.4#



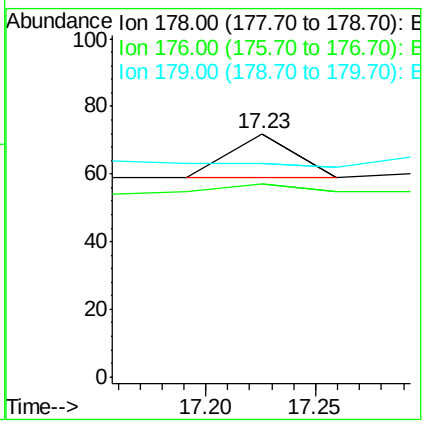


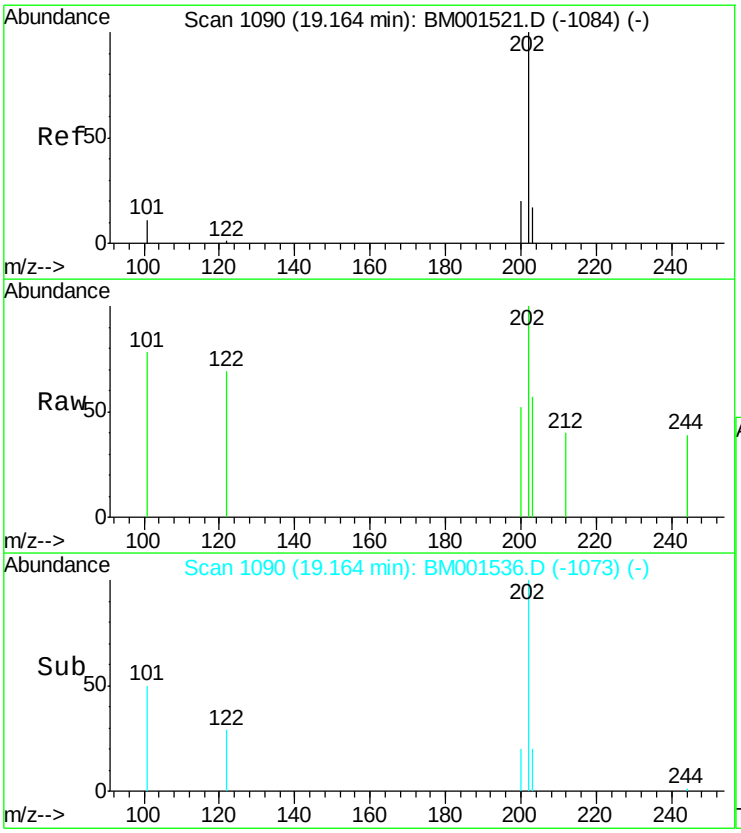
#23
Anthracene
Concen: 0.00 ng
RT: 17.23 min Scan# 984
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Instrument :
BNA_M
ClientSampleId :
052915-P20-F-U-S

Tgt Ion:178 Resp: 26

Ion	Ratio	Lower	Upper
178	100		
176	15.4	13.1	19.7
179	0.0	12.8	19.2#

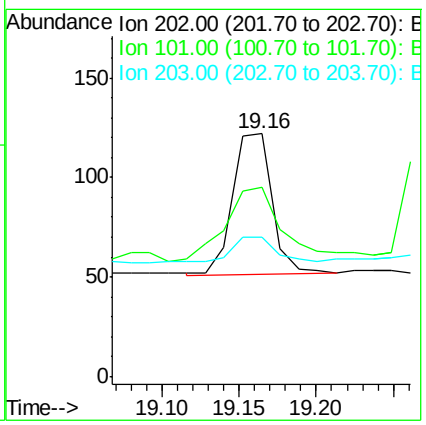


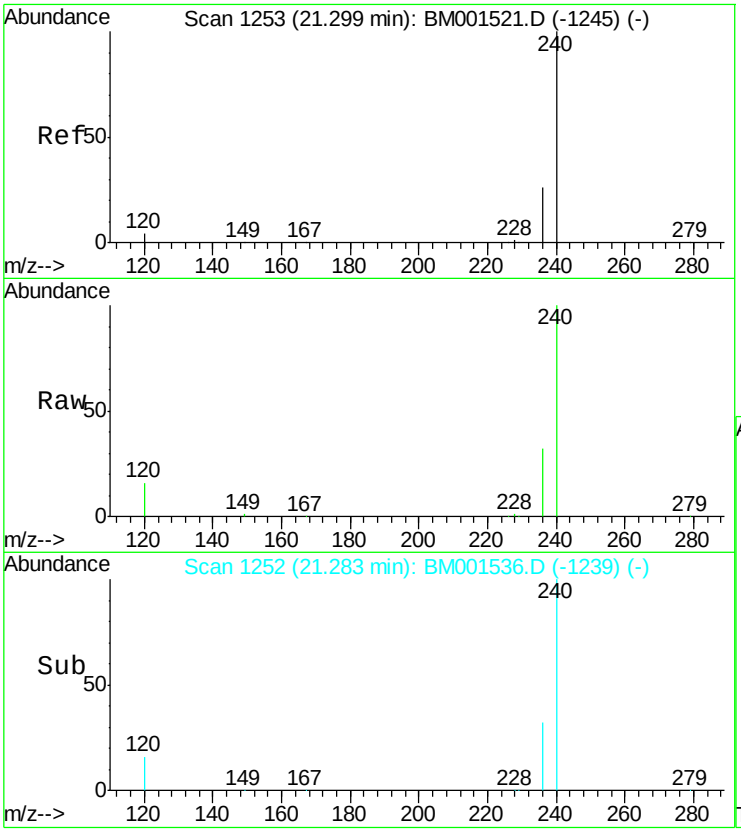


#24
Fluoranthene
Concen: 0.01 ng
RT: 19.16 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Tgt Ion:202 Resp: 124

Ion	Ratio	Lower	Upper
202	100		
101	80.6	8.6	12.8#
203	22.6	13.8	20.6#



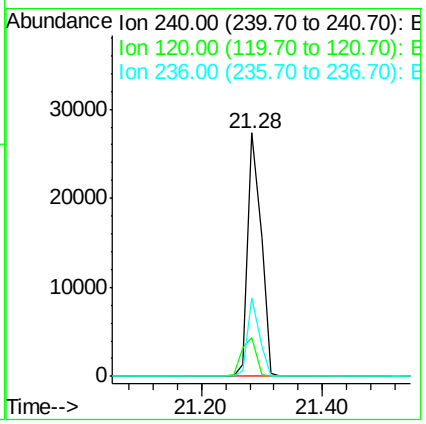


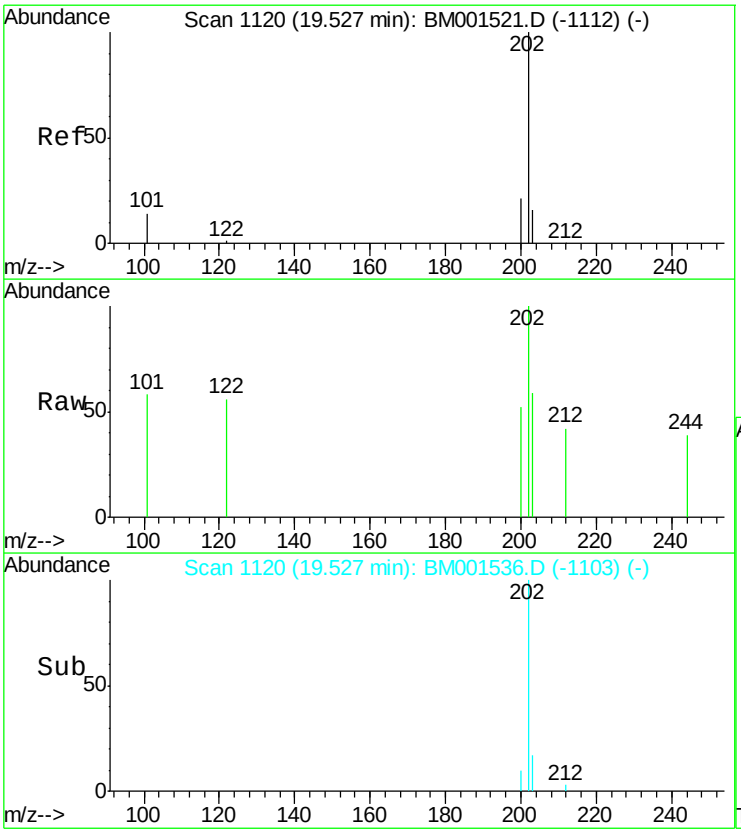
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Instrument :
BNA_M
ClientSampleId :
052915-P20-F-U-S

Tgt Ion:240 Resp: 41333

Ion	Ratio	Lower	Upper
240	100		
120	16.1	9.7	14.5#
236	32.3	24.8	37.2

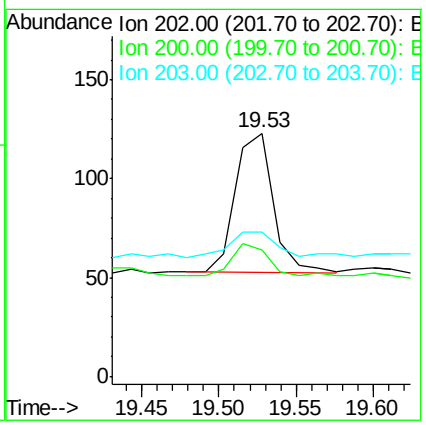


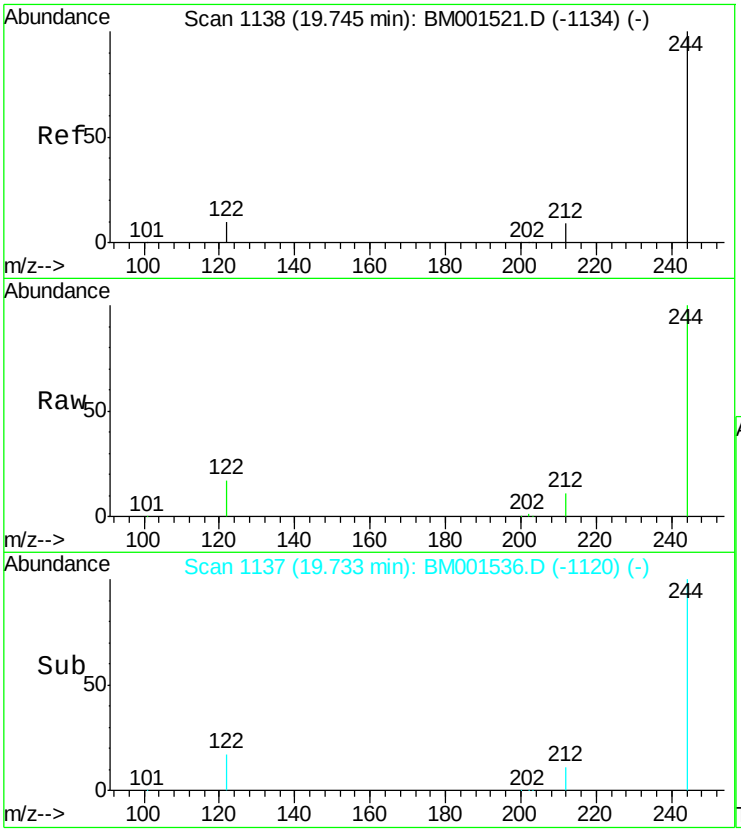


#26
Pyrene
Concen: 0.01 ng
RT: 19.53 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Tgt Ion:202 Resp: 121

Ion	Ratio	Lower	Upper
202	100		
200	24.0	16.4	24.6
203	24.0	13.9	20.9#



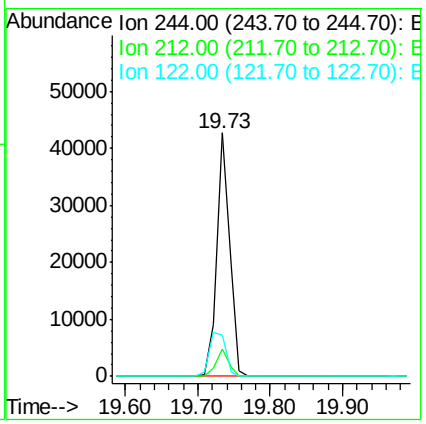


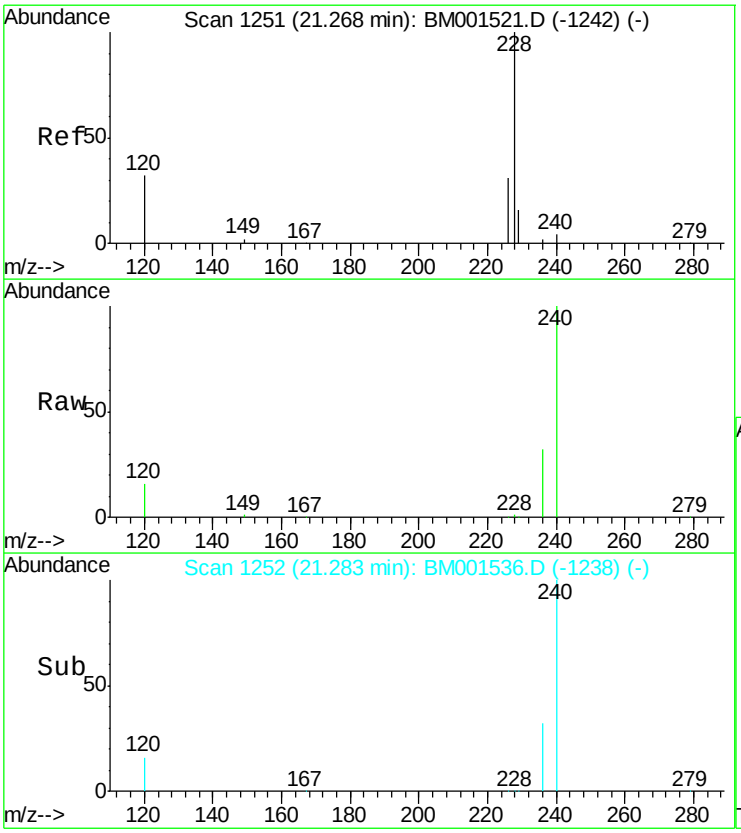
#27
Terphenyl-d14
Concen: 10.30 ng
RT: 19.73 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Instrument :
BNA_M
ClientSampleId :
052915-P20-F-U-S

Tgt Ion:244 Resp: 52450

Ion	Ratio	Lower	Upper
244	100		
212	11.1	7.2	10.8#
122	16.8	5.1	7.7#

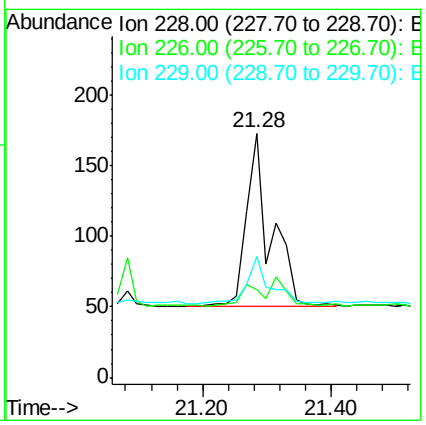


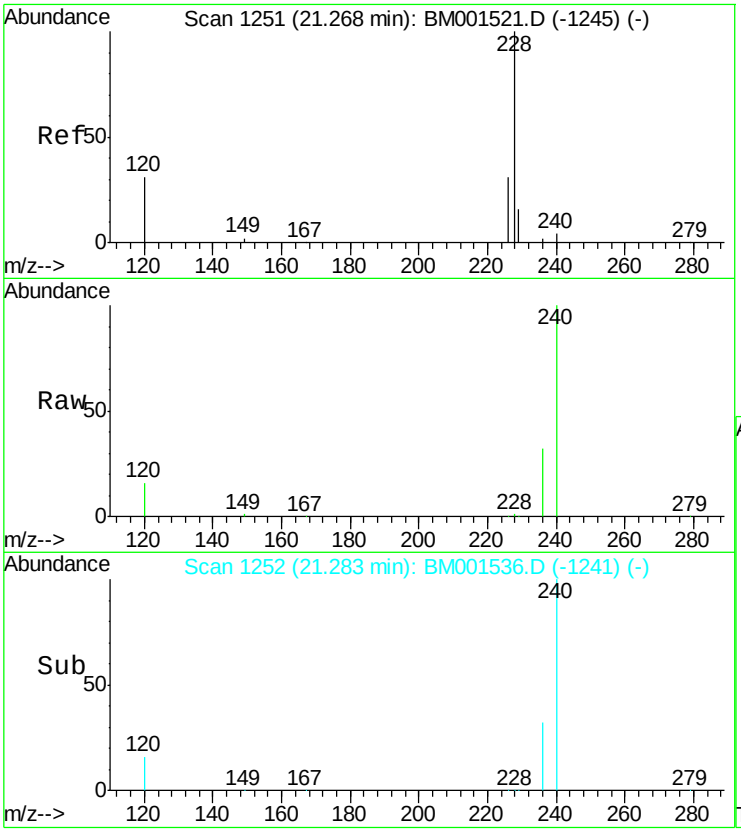


#28
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.02 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Tgt Ion:228 Resp: 323

Ion	Ratio	Lower	Upper
228	100		
226	35.8	21.9	32.9#
229	49.7	15.1	22.7#



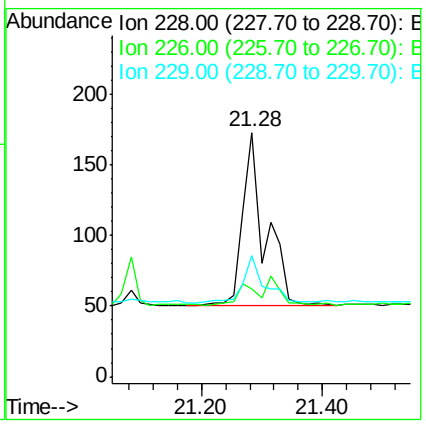


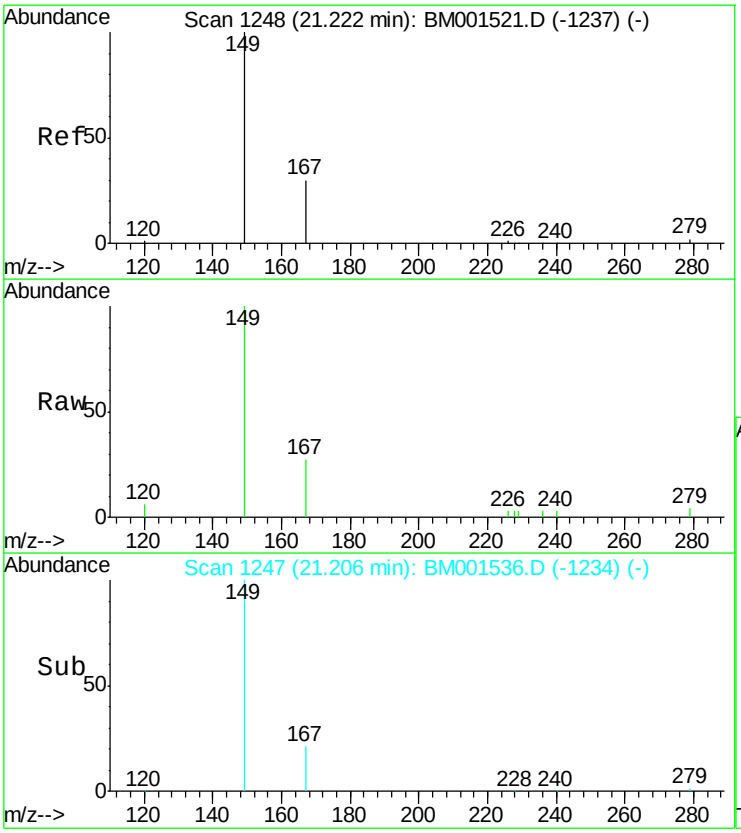
#29
Chrysene
Concen: 0.03 ng
RT: 21.28 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Instrument :
BNA_M
ClientSampleId :
052915-P20-F-U-S

Tgt Ion:228 Resp: 323

Ion	Ratio	Lower	Upper
228	100		
226	35.8	27.6	41.4
229	49.7	13.6	20.4#

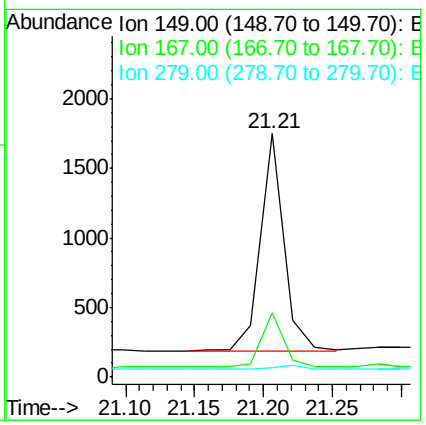


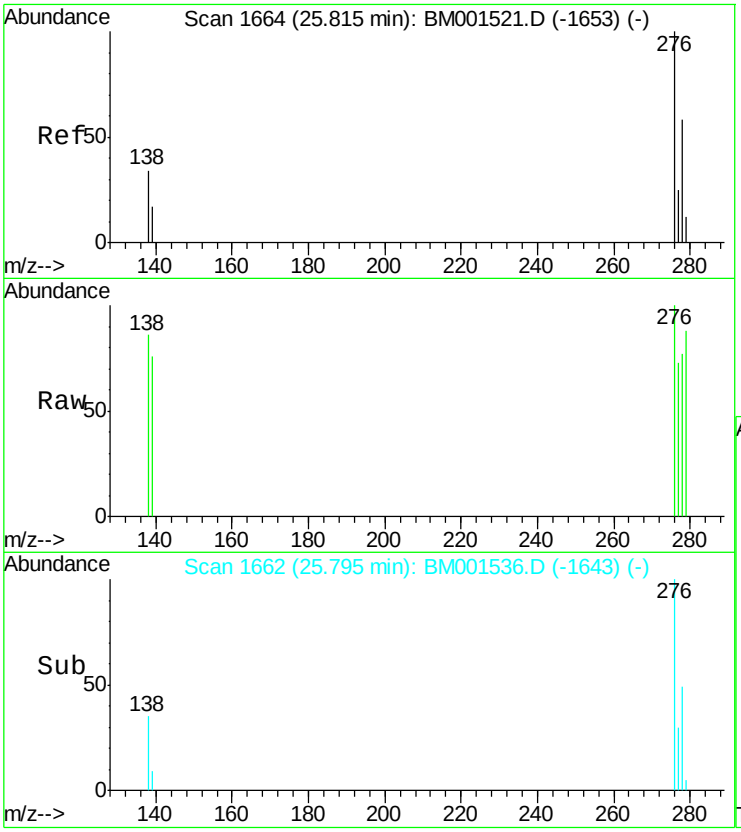


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.24 ng
RT: 21.21 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Tgt Ion:149 Resp: 1858

Ion	Ratio	Lower	Upper
149	100		
167	23.8	21.0	31.6
279	2.4	2.2	3.2



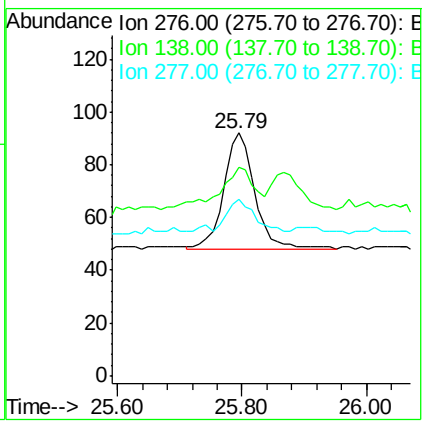


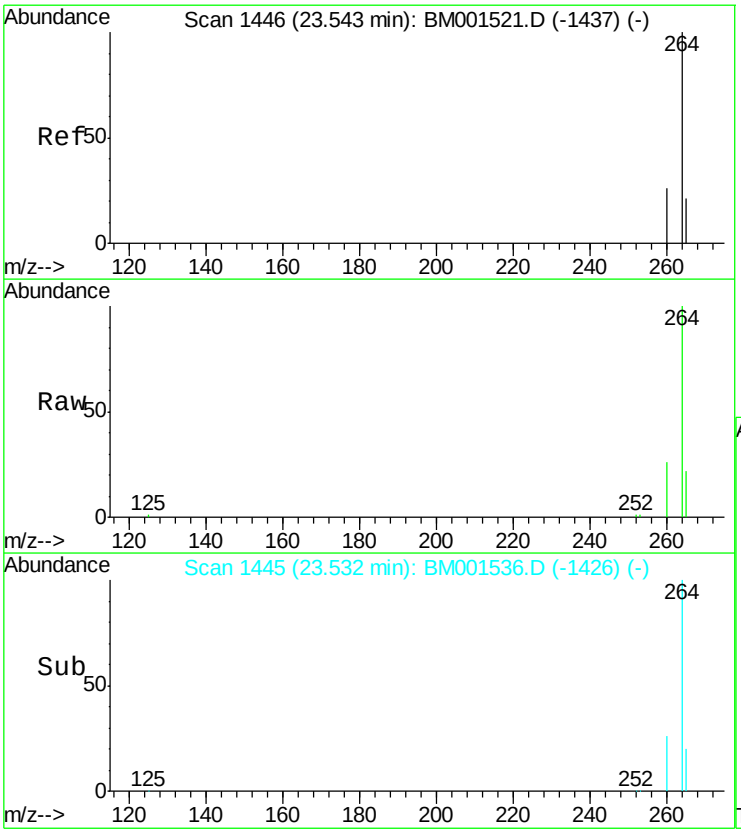
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.01 ng
RT: 25.79 min Scan# 1662
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Instrument :
BNA_M
ClientSampleId :
052915-P20-F-U-S

Tgt Ion:276 Resp: 154

Ion	Ratio	Lower	Upper
276	100		
138	41.6	23.4	35.0#
277	26.0	19.5	29.3

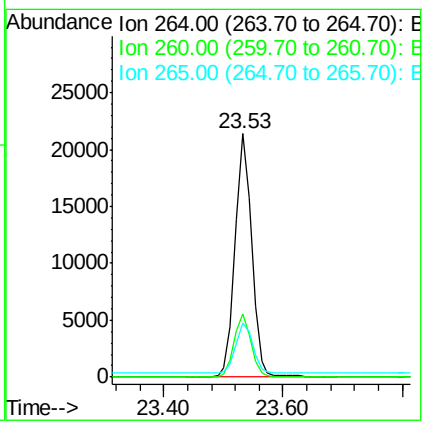


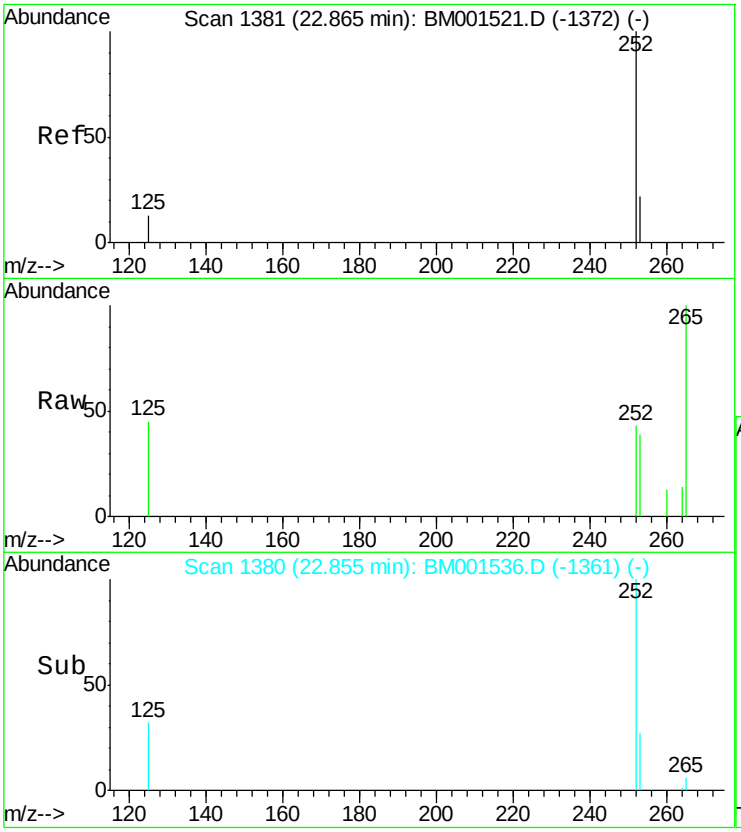


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.53 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Tgt Ion:264 Resp: 40333

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.1	30.1
265	22.2	17.1	25.7



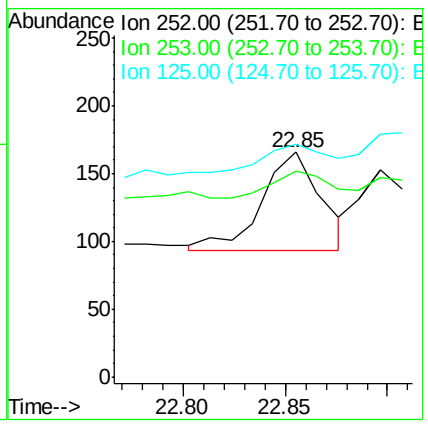


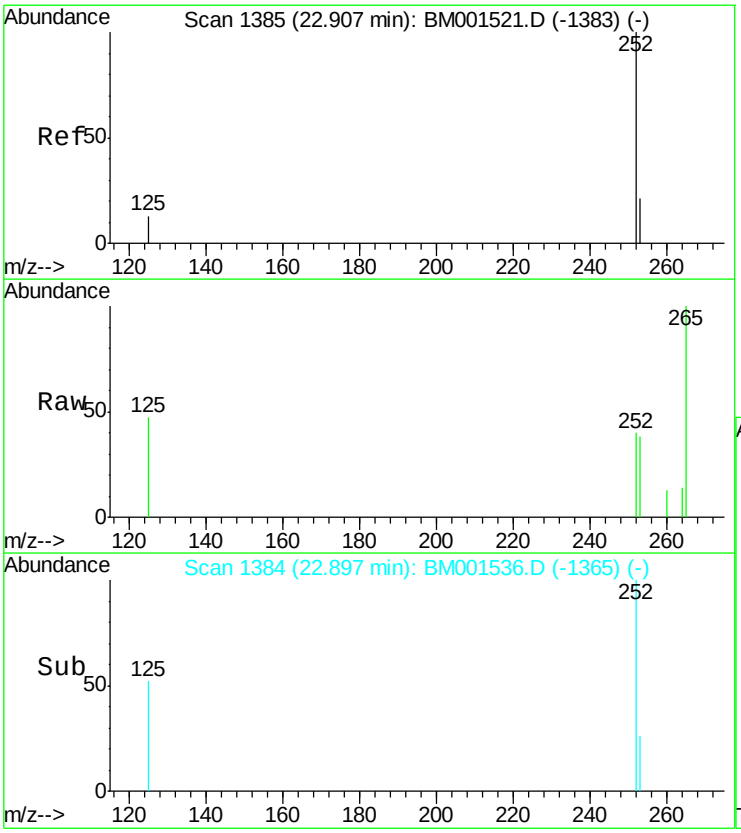
#33
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 22.85 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Instrument :
BNA_M
ClientSampleId :
052915-P20-F-U-S

Tgt Ion:252 Resp: 148

Ion	Ratio	Lower	Upper
252	100		
253	91.6	17.4	26.0#
125	103.6	10.2	15.4#

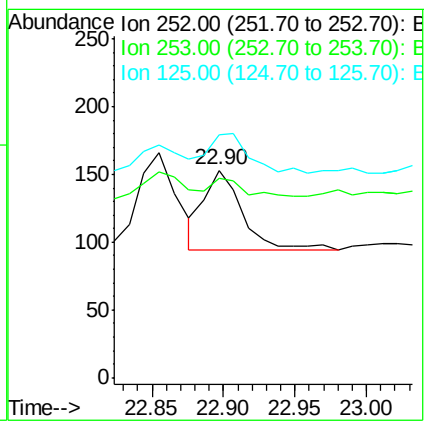


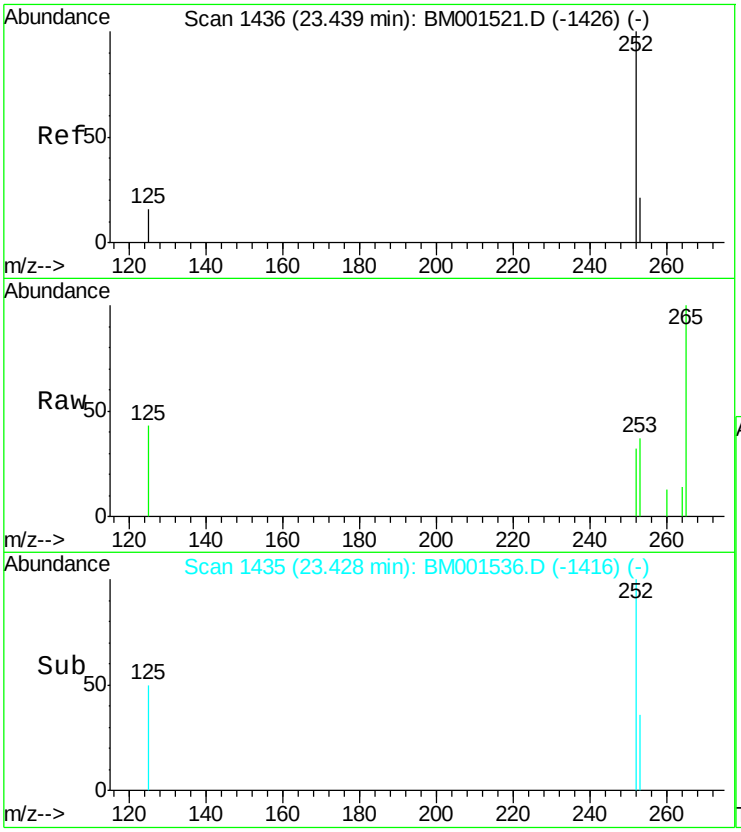


#34
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 22.90 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Tgt Ion:252 Resp: 111

Ion	Ratio	Lower	Upper
252	100		
253	96.1	17.6	26.4#
125	117.0	9.7	14.5#



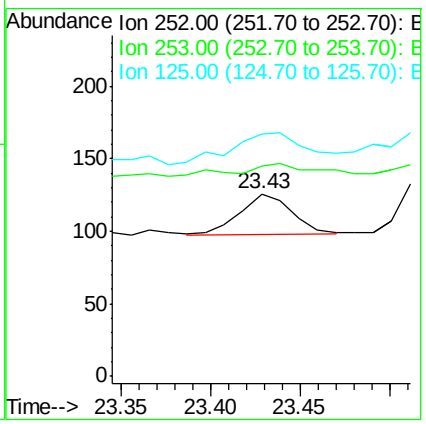


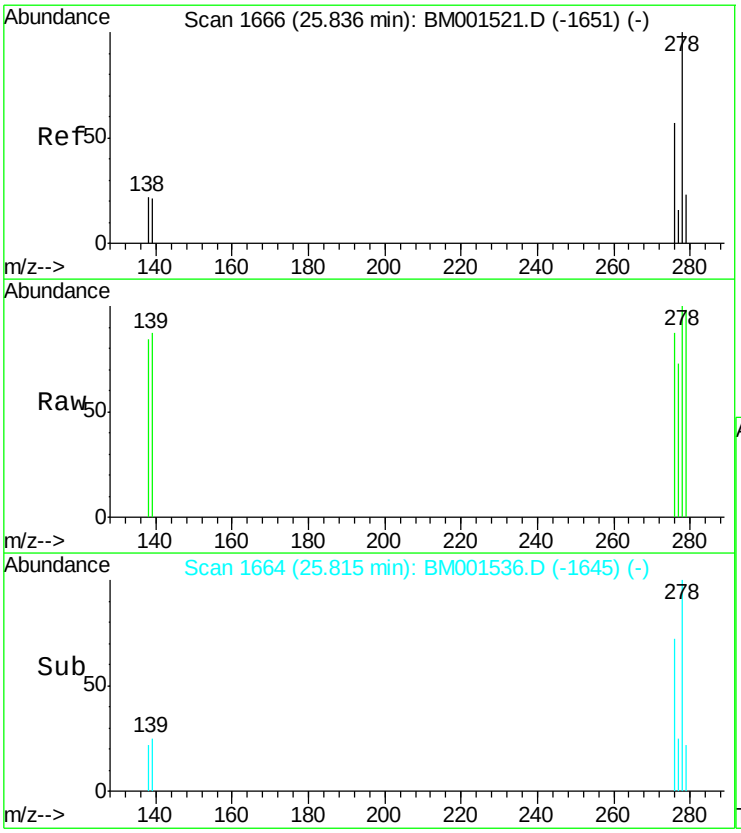
#35
Benzo(a)pyrene
Concen: 0.01 ng
RT: 23.43 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Instrument :
BNA_M
ClientSampleId :
052915-P20-F-U-S

Tgt Ion:252 Resp: 58

Ion	Ratio	Lower	Upper
252	100		
253	115.1	18.6	28.0#
125	132.5	10.7	16.1#

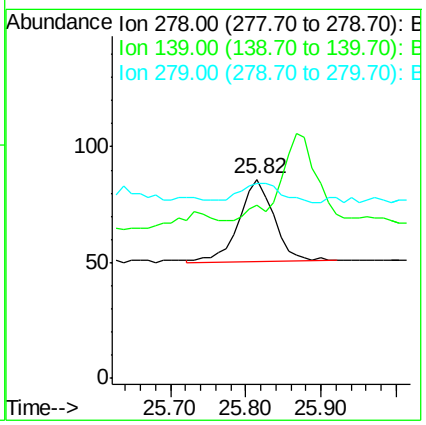


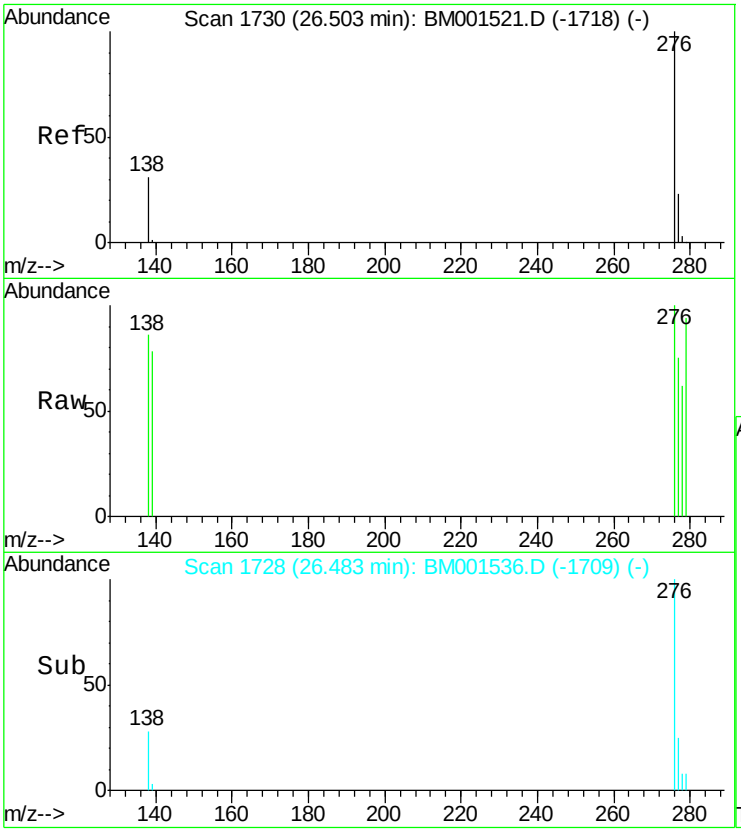


#36
Dibenzo(a,h)anthracene
Concen: 0.01 ng
RT: 25.82 min Scan# 1664
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Tgt Ion:278 Resp: 113

Ion	Ratio	Lower	Upper
278	100		
139	87.2	15.7	23.5#
279	97.7	19.4	29.2#





#37
Benzo(g,h,i)perylene
Concen: 0.01 ng
RT: 26.48 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Instrument :
BNA_M
ClientSampleId :
052915-P20-F-U-S

Tgt Ion:276 Resp: 129

Ion	Ratio	Lower	Upper
276	100		
277	75.3	19.8	29.6#
138	85.9	20.2	30.2#