Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052215\
Data File : BM001396.D
Acq On : 23 May 2015 00:27
Operator : TP/IZ
Sample : PB83556BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB83556BL

Quant Time: May 23 05:16:33 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM052215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 23 04:45:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	9843	5.00	ng	0.00
6) Naphthalene-d8	10.18	136	34253	5.00	ng	0.00
12) Acenaphthene-d10	14.08	164	19196	5.00	ng	0.00
18) Phenanthrene-d10	16.82	188	65588	5.00	ng	0.00
25) Chrysene-d12	21.04	240	43989	5.00	ng	0.00
32) Perylene-d12	23.14	264	40902	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.99	112	21104	10.85	ng	0.00
5) Phenol-d6	6.60	99	24772	10.98	ng	0.00
7) Nitrobenzene-d5	8.55	82	14254	7.21	ng	0.00
13) 2,4,6-Tribromophenol	15.59	330	6073	10.18	ng	0.00
14) 2-Fluorobiphenyl	12.69	172	44369	7.51	ng	0.00
27) Terphenyl-d14	19.48	244	42307	7.11	ng	-0.01
Target Compounds						Qvalue
8) Nitrobenzene	8.55	77	53	0.03	ng	# 31
9) Naphthalene	10.22	128	8	0.00	ng	# 1
10) Hexachlorobutadiene	10.52	225	2	0.00	ng	# 19
11) 2-Methylnaphthalene	11.84	142	2	0.00	ng	# 59
15) Acenaphthylene	13.41	152	32	0.00	ng	# 1
16) Acenaphthene	14.08	154	84	0.02	ng	# 9
17) Fluorene	14.85	166	564	0.11	ng	# 1
19) 4-Bromophenyl-phenylether	16.10	248	8	Below Cal		# 1
20) Hexachlorobenzene	16.14	284	6	Below Cal		# 70
21) Pentachlorophenol	16.51	266	10	Below Cal		# 70
22) Phenanthrene	16.82	178	45	Below Cal		# 1
23) Anthracene	17.06	178	6	0.00	ng	# 1
24) Fluoranthene	18.90	202	5	0.00	ng	# 1
26) Pyrene	19.26	202	9	0.00	ng	# 48
28) Benzo(a)anthracene	21.04	228	154	0.01	ng	# 58
29) Chrysene	21.04	228	154	0.01	ng	# 69
30) Bis(2-ethylhexyl)phthalate	20.96	149	74	0.01	ng	# 53
31) Indeno(1,2,3-cd)pyrene	25.21	276	35	0.00	ng	93
33) Benzo(b)fluoranthene	22.51	252	34	0.00	ng	# 1
34) Benzo(k)fluoranthene	22.55	252	29	0.00	ng	# 1
35) Benzo(a)pyrene	23.04	252	23	0.00	ng	# 1
36) Dibenzo(a,h)anthracene	25.23	278	29	0.00	ng	# 1
37) Benzo(g,h,i)perylene	25.83	276	36	0.00	ng	# 1

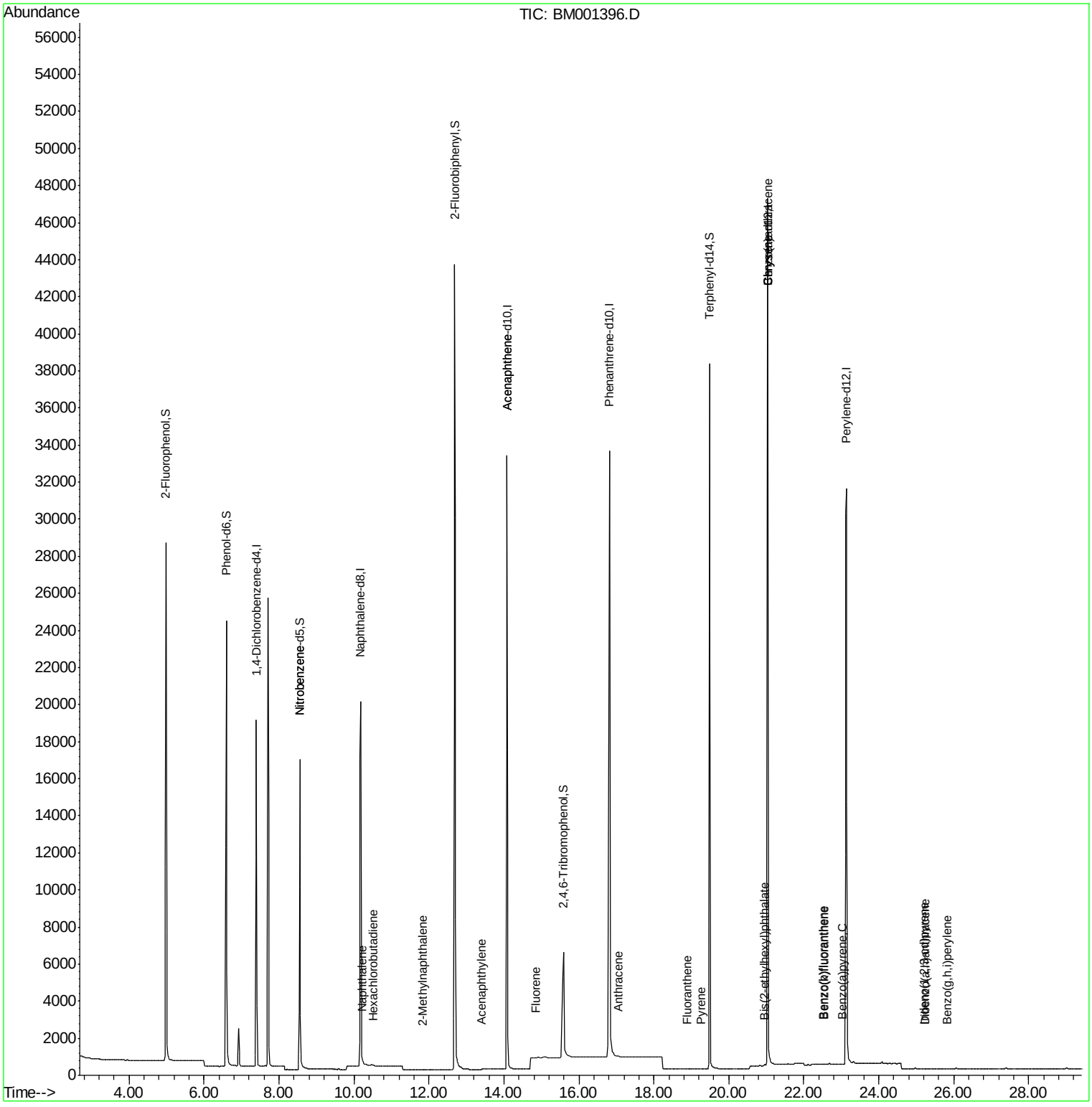
(#) = qualifier out of range (m) = manual integration (+) = signals summed

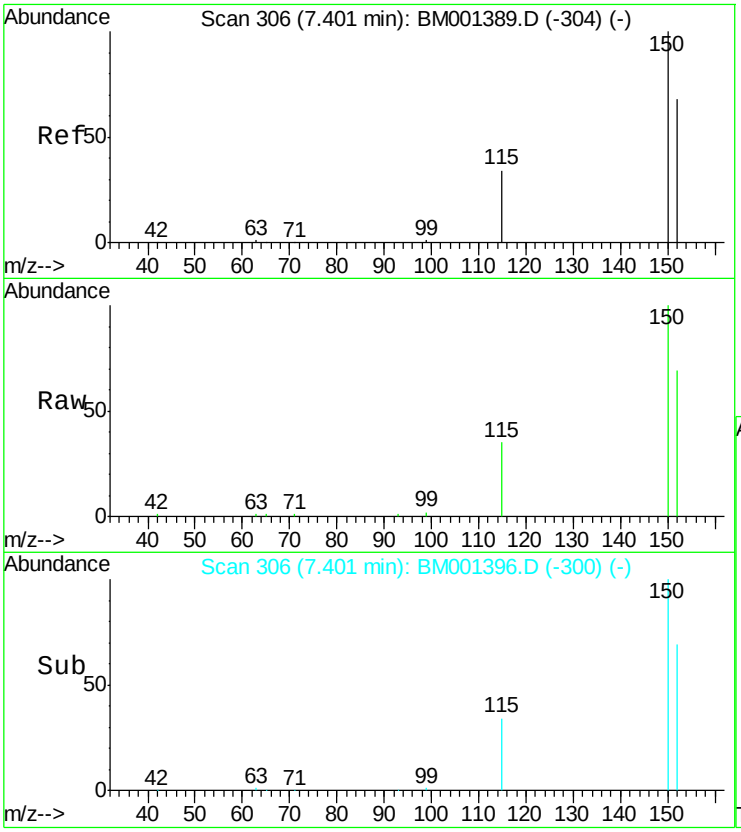
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052215\
Data File : BM001396.D
Acq On : 23 May 2015 00:27
Operator : TP/IZ
Sample : PB83556BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB83556BL

Quant Time: May 23 05:16:33 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM052215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 23 04:45:39 2015
Response via : Initial Calibration



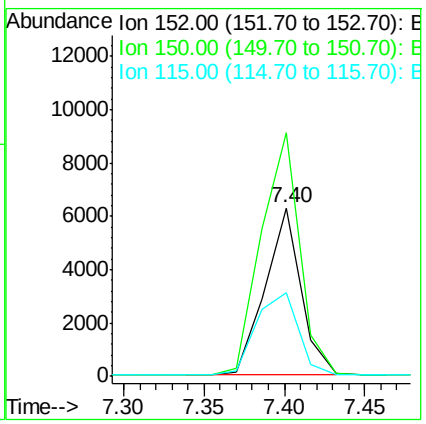


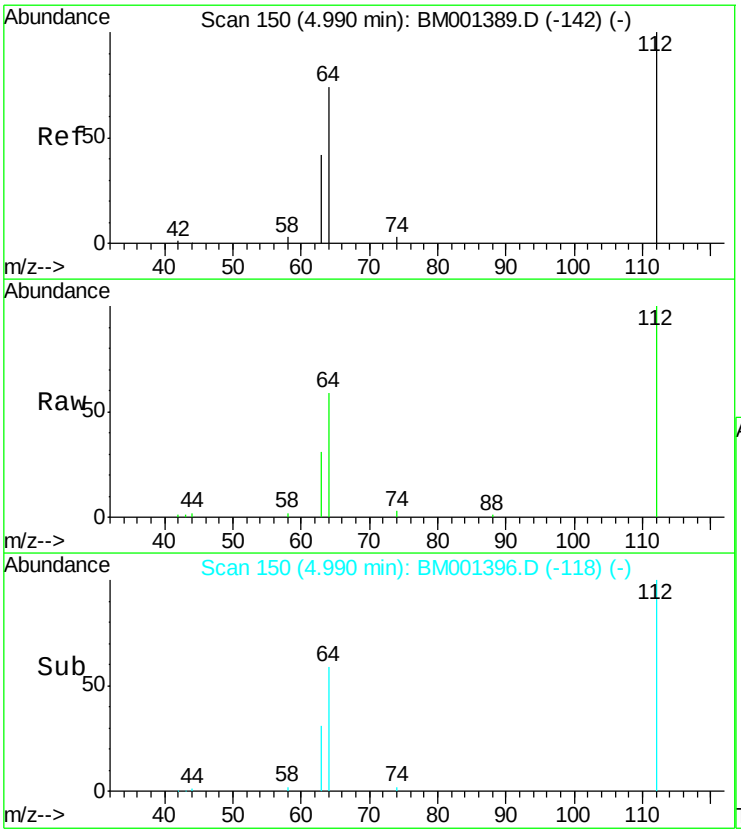
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.40 min Scan# 306
Delta R.T. -0.00 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Instrument :
BNA_M
ClientSampleId :
PB83556BL

Tgt Ion:152 Resp: 9843

Ion	Ratio	Lower	Upper
152	100		
150	144.6	119.0	178.6
115	50.0	41.8	62.8

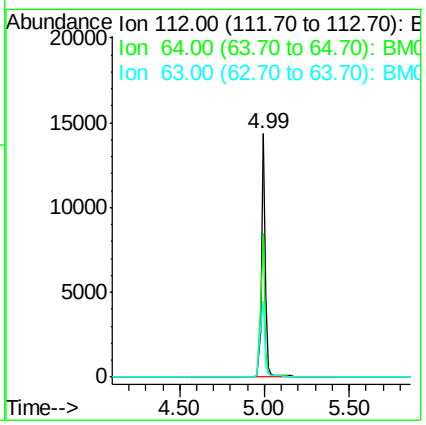


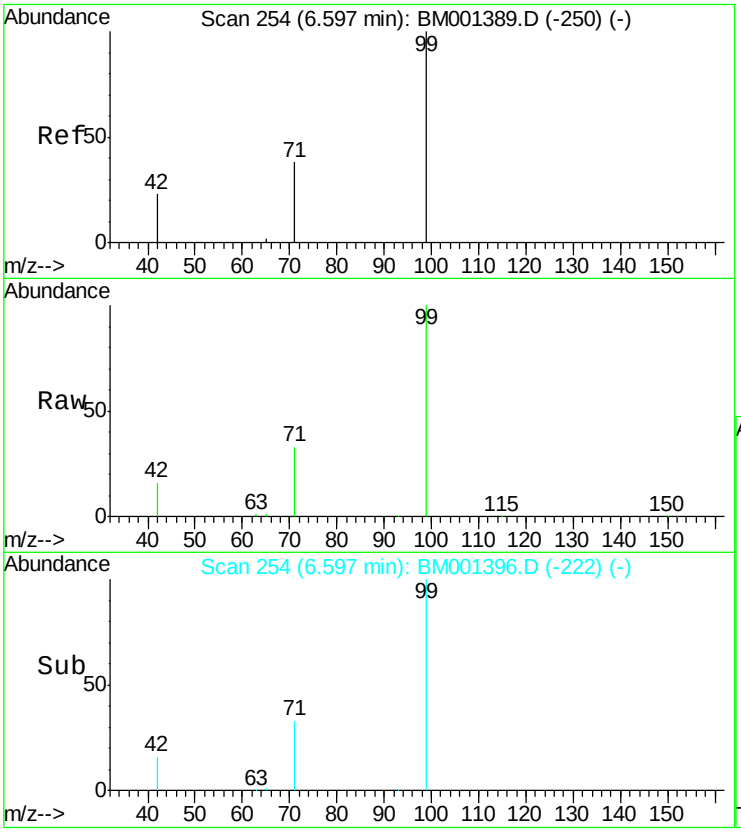


#4
2-Fluorophenol
Concen: 10.85 ng
RT: 4.99 min Scan# 150
Delta R.T. -0.00 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Tgt Ion:112 Resp: 21104

Ion	Ratio	Lower	Upper
112	100		
64	64.5	51.7	77.5
63	37.0	29.7	44.5



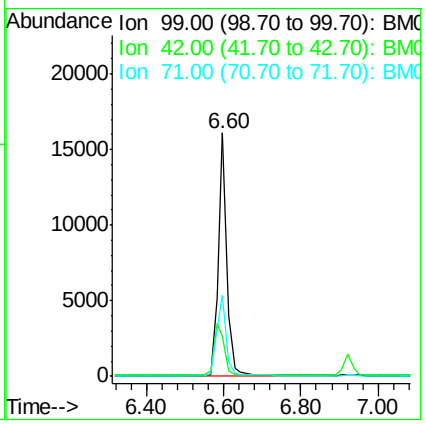


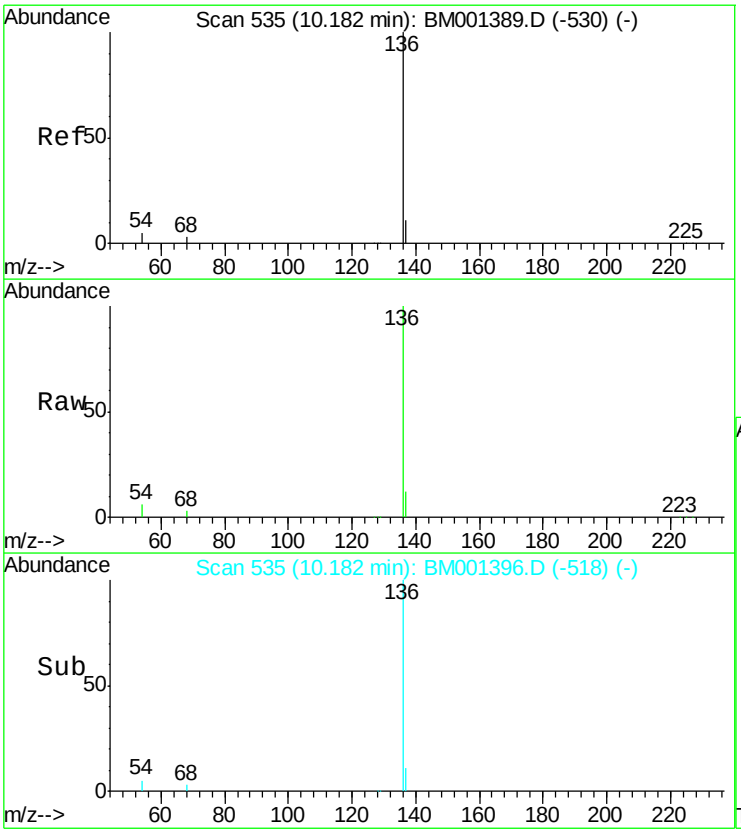
#5
Phenol-d6
Concen: 10.98 ng
RT: 6.60 min Scan# 254
Delta R.T. -0.00 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Instrument :
BNA_M
ClientSampleId :
PB83556BL

Tgt Ion: 99 Resp: 24772

Ion	Ratio	Lower	Upper
99	100		
42	26.0	21.8	32.6
71	37.0	29.2	43.8

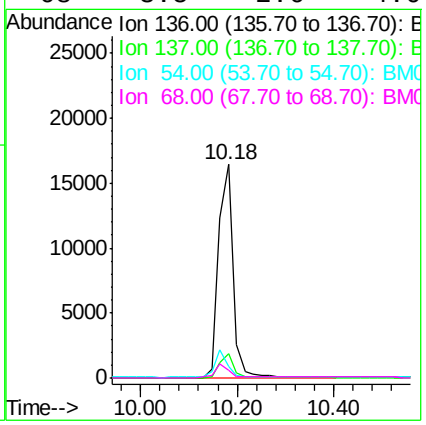


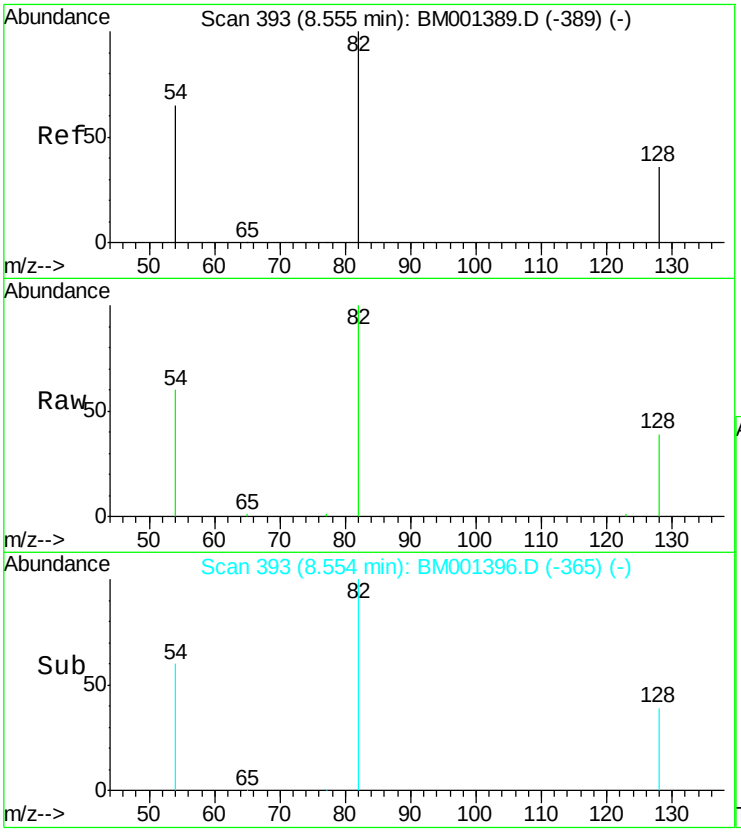


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.18 min Scan# 535
Delta R.T. -0.00 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Tgt Ion:136 Resp: 34253

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	5.7	4.3	6.5
68	3.5	2.6	4.0



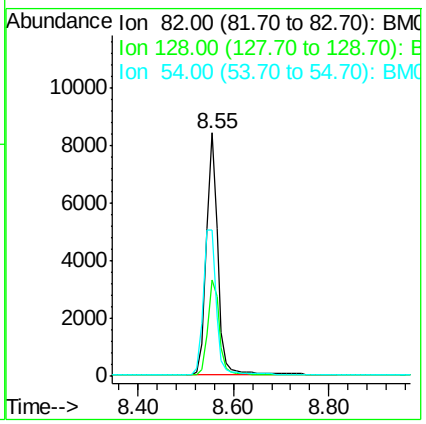


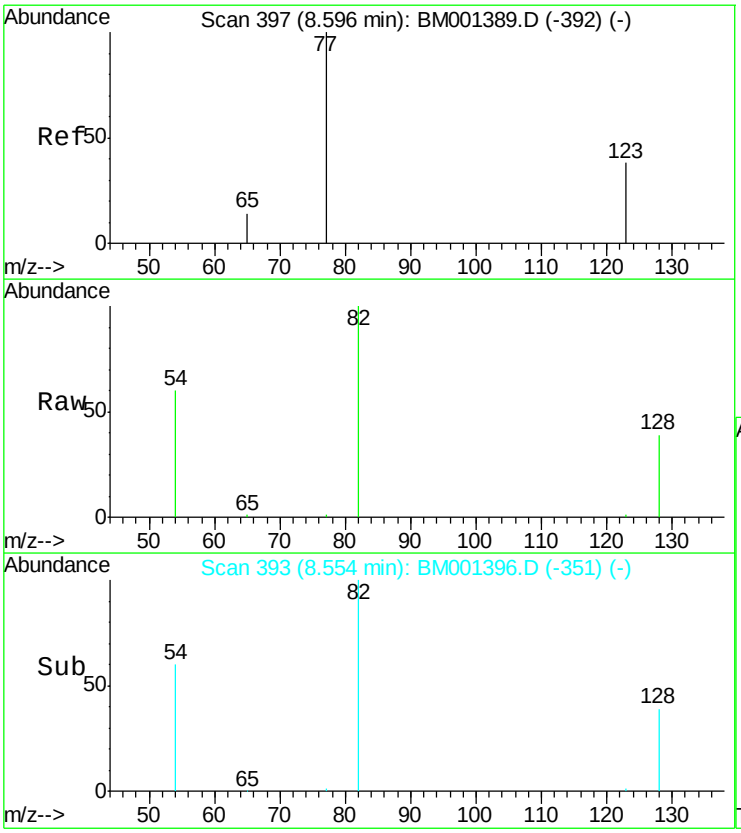
#7
Nitrobenzene-d5
Concen: 7.21 ng
RT: 8.55 min Scan# 393
Delta R.T. -0.00 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Instrument :
BNA_M
ClientSampleId :
PB83556BL

Tgt Ion: 82 Resp: 14254

Ion	Ratio	Lower	Upper
82	100		
128	39.4	30.2	45.4
54	59.9	52.9	79.3

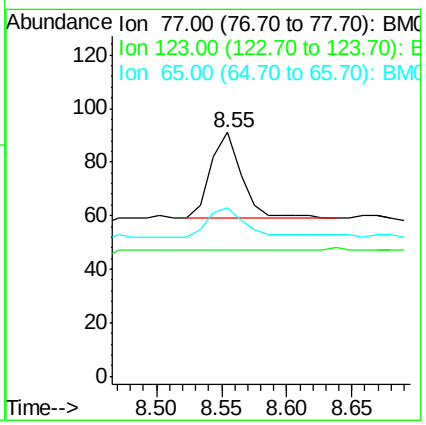


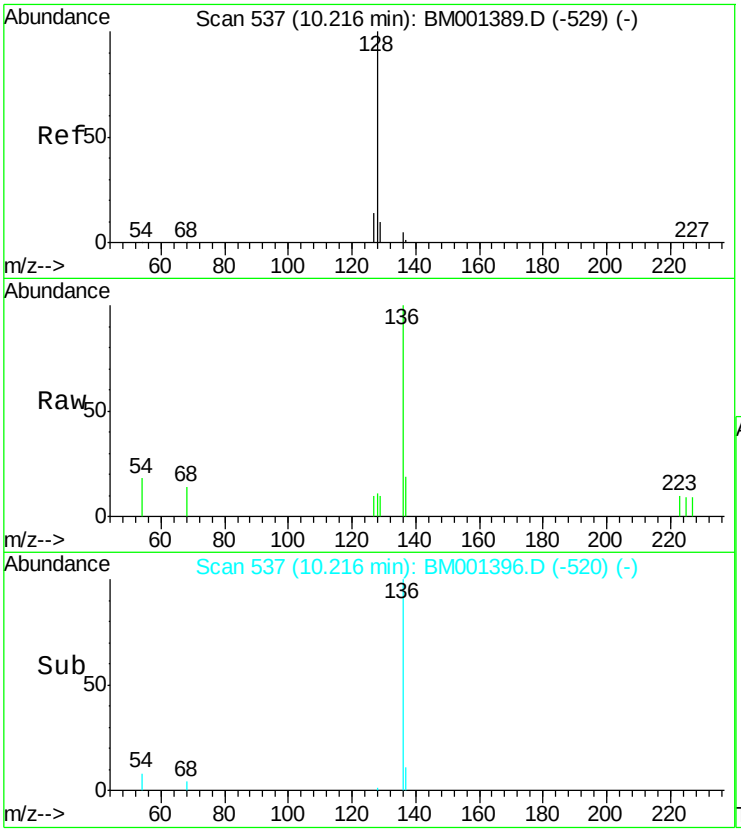


#8
Nitrobenzene
Concen: 0.03 ng
RT: 8.55 min Scan# 393
Delta R.T. -0.04 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Tgt Ion: 77 Resp: 53

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.7	50.5#
65	45.3	11.3	16.9#



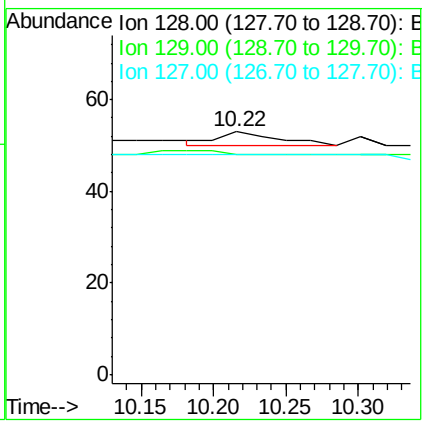


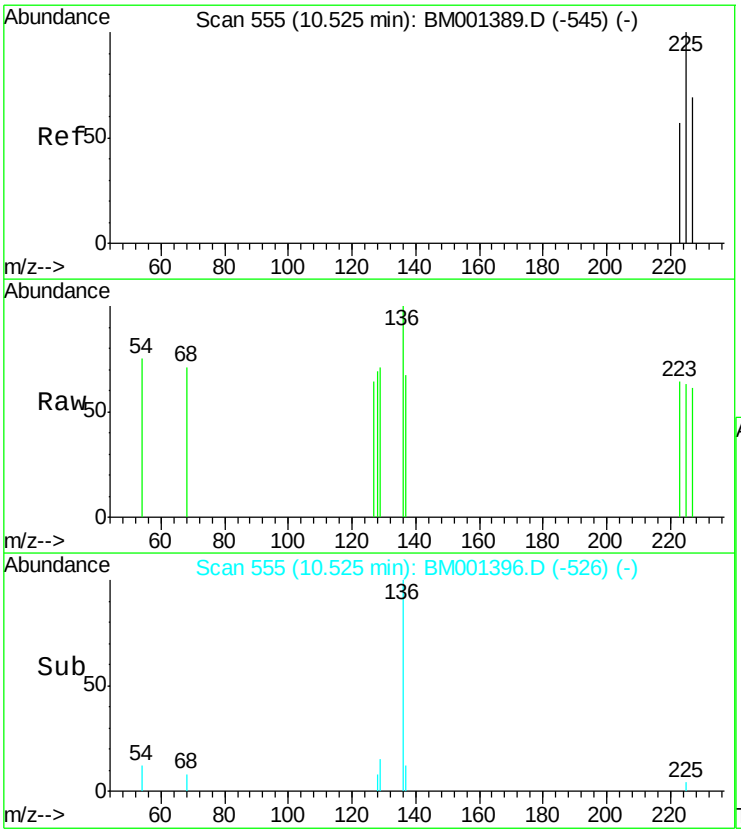
#9
Naphthalene
Concen: 0.00 ng
RT: 10.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Instrument :
BNA_M
ClientSampleId :
PB83556BL

Tgt Ion:128 Resp: 8

Ion	Ratio	Lower	Upper
128	100		
129	90.6	8.6	13.0#
127	90.6	11.7	17.5#

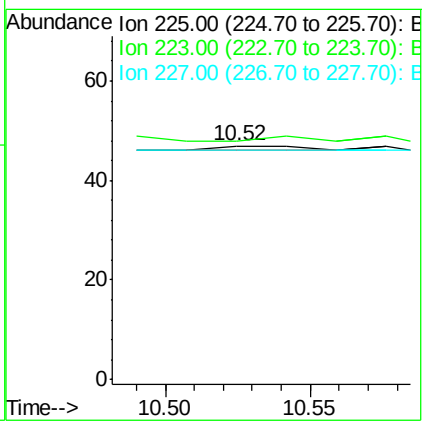


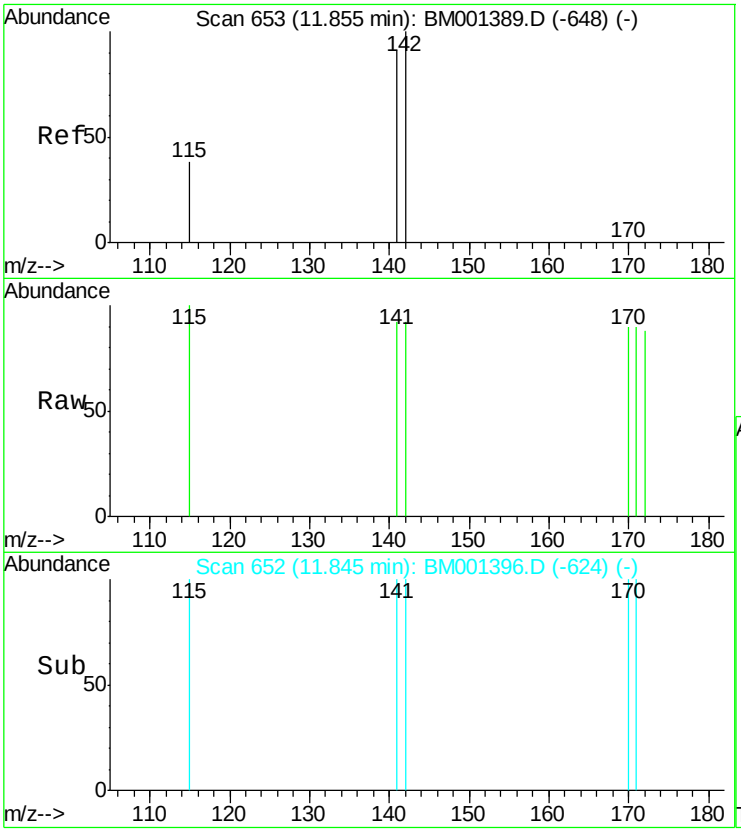


#10
Hexachlorobutadiene
Concen: 0.00 ng
RT: 10.52 min Scan# 555
Delta R.T. -0.00 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Tgt Ion:225 Resp: 2

Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.2	75.2#
227	0.0	51.1	76.7#



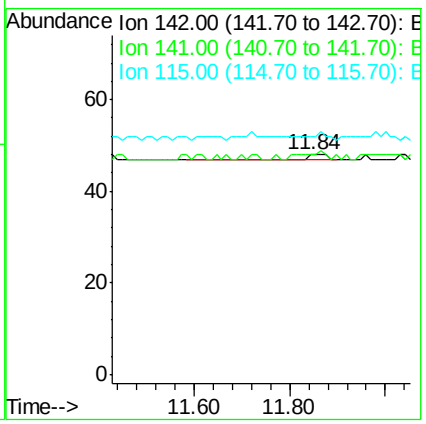


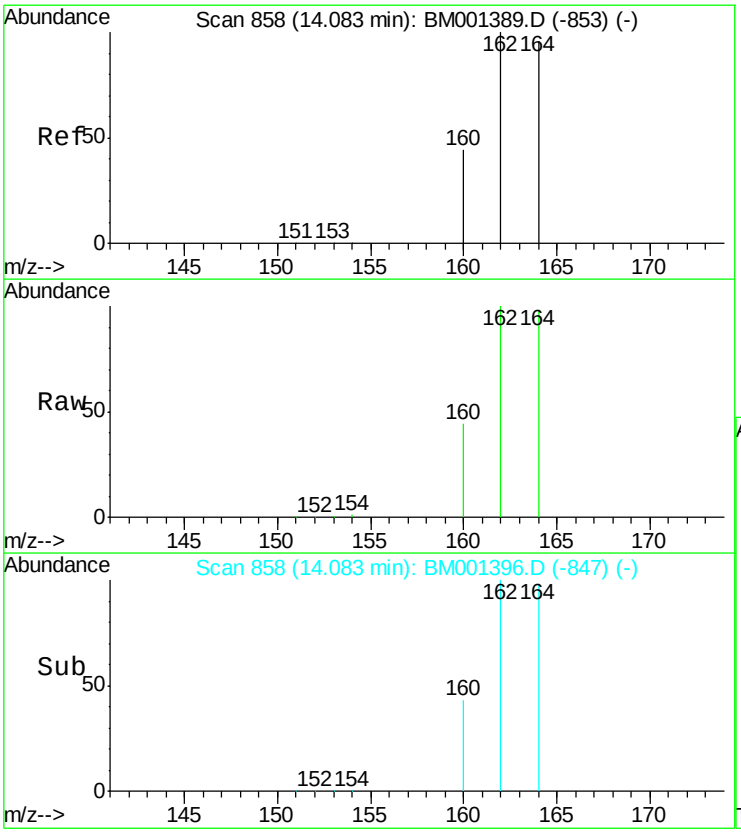
#11
2-Methylnaphthalene
Concen: 0.00 ng
RT: 11.84 min Scan# 652
Delta R.T. -0.01 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Instrument :
BNA_M
ClientSampleId :
PB83556BL

Tgt Ion:142 Resp: 2

Ion	Ratio	Lower	Upper
142	100		
141	100.0	72.6	109.0
115	108.3	31.2	46.8#

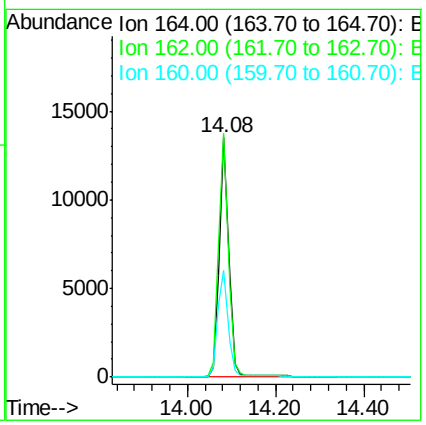


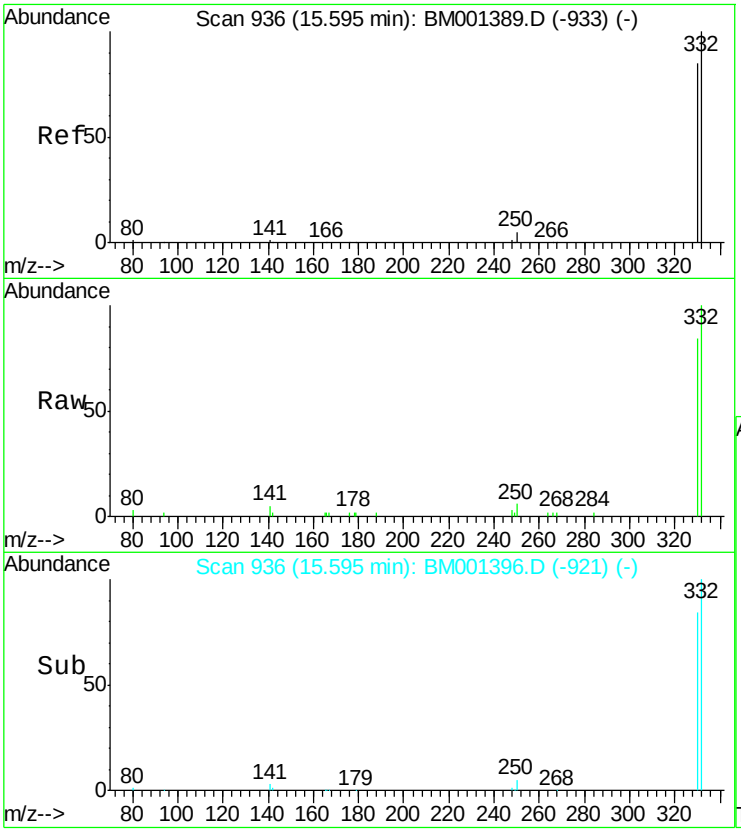


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.08 min Scan# 858
Delta R.T. -0.00 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Tgt Ion:164 Resp: 19196

Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.4	125.2
160	44.4	36.9	55.3



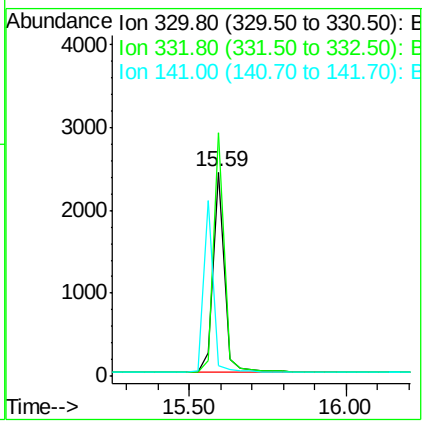


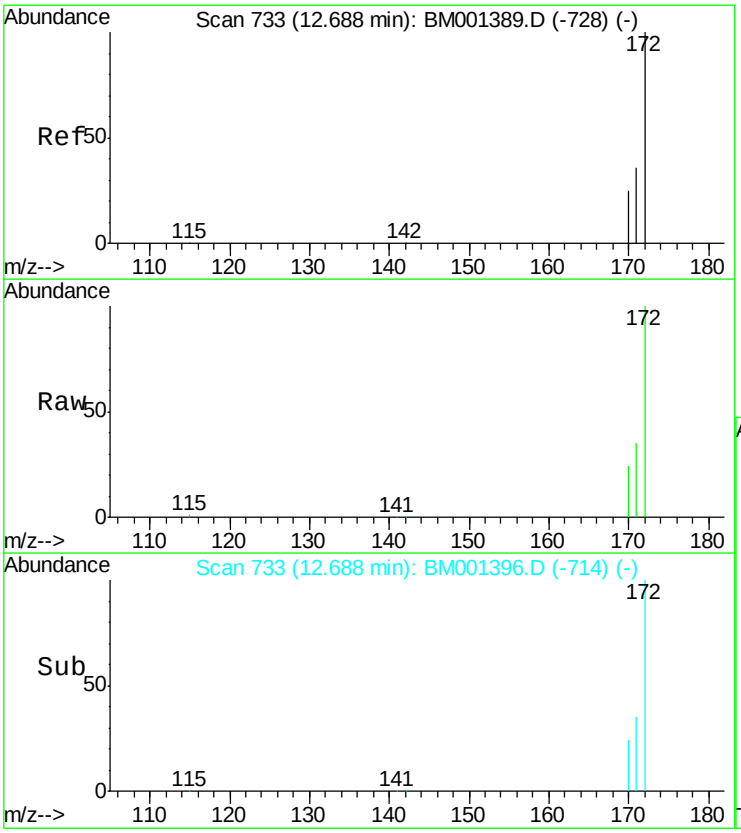
#13
2,4,6-Tribromophenol
Concen: 10.18 ng
RT: 15.59 min Scan# 936
Delta R.T. -0.00 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Instrument :
BNA_M
ClientSampleId :
PB83556BL

Tgt Ion:330 Resp: 6073

Ion	Ratio	Lower	Upper
330	100		
332	112.8	90.3	135.5
141	0.0	0.0	0.0

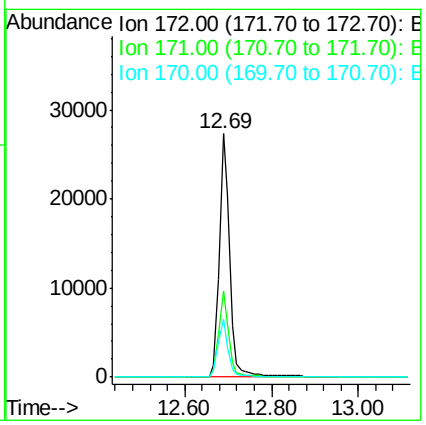


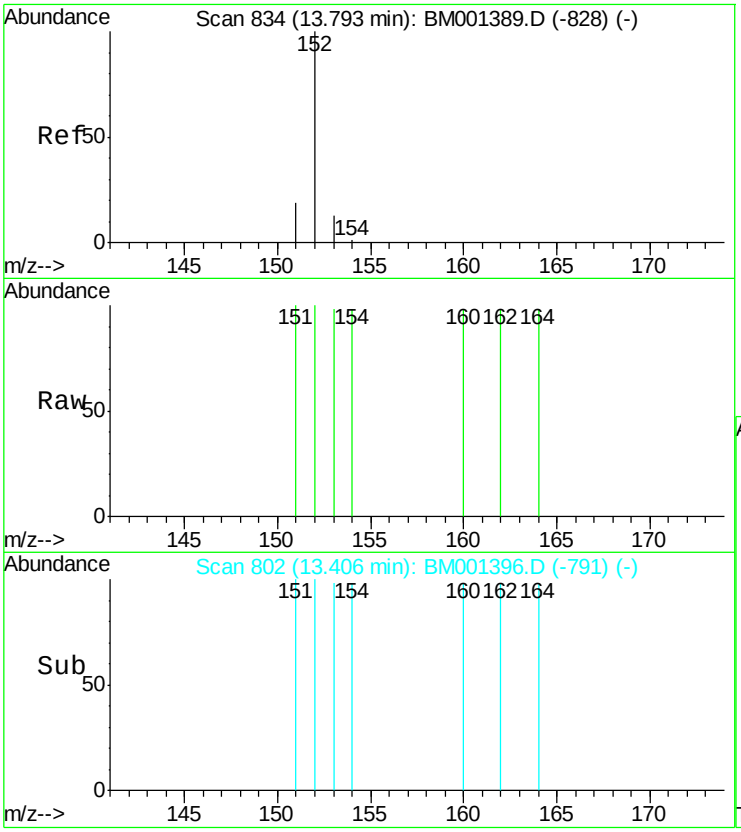


#14
2-Fluorobiphenyl
Concen: 7.51 ng
RT: 12.69 min Scan# 733
Delta R.T. -0.00 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Tgt Ion:172 Resp: 44369

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.4	44.0
170	23.8	20.2	30.4



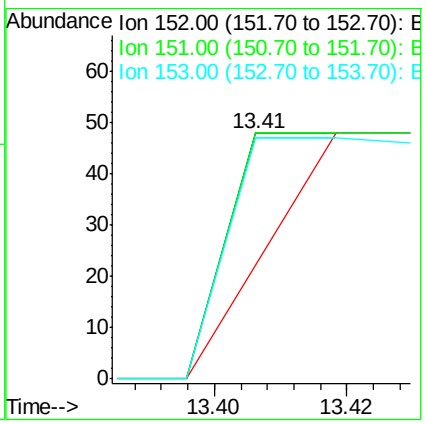


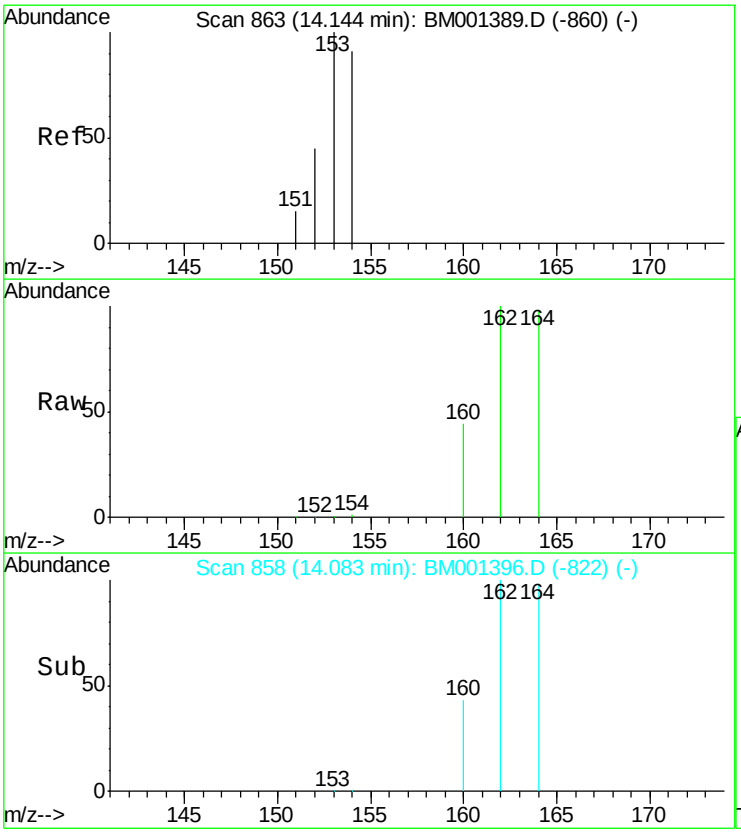
#15
Acenaphthylene
Concen: 0.00 ng
RT: 13.41 min Scan# 802
Delta R.T. -0.39 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Instrument :
BNA_M
ClientSampleId :
PB83556BL

Tgt Ion:152 Resp: 32

Ion	Ratio	Lower	Upper
152	100		
151	100.0	15.1	22.7#
153	0.0	10.2	15.4#

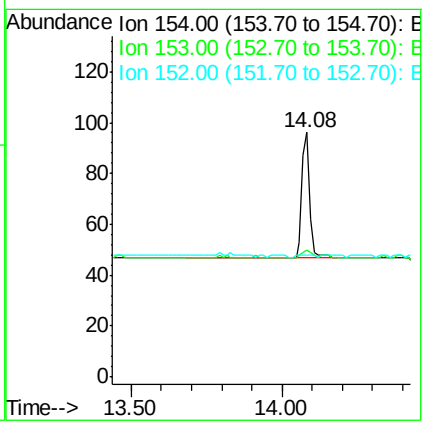


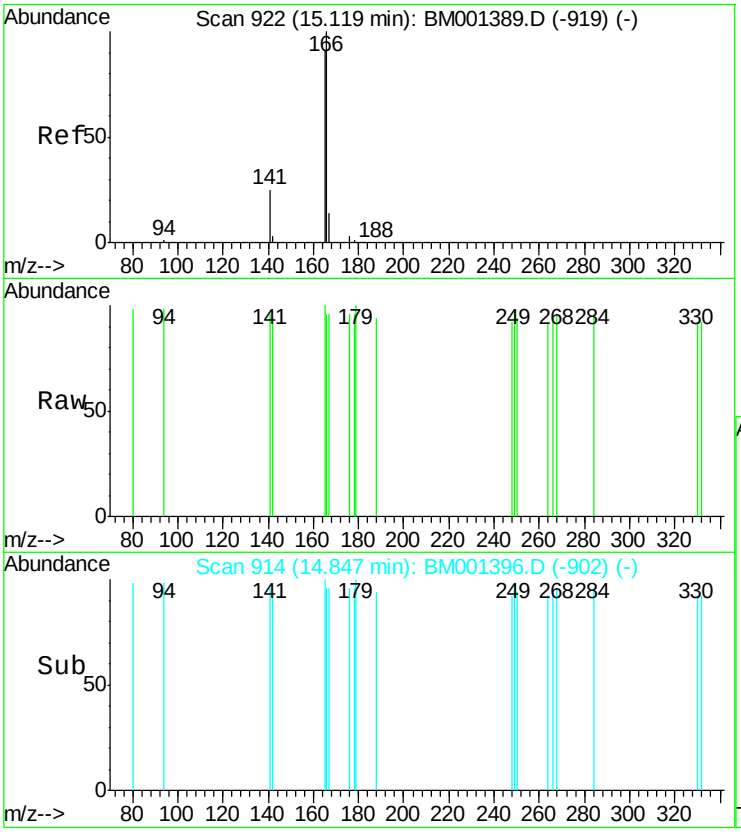


#16
Acenaphthene
Concen: 0.02 ng
RT: 14.08 min Scan# 858
Delta R.T. -0.06 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Tgt Ion:154 Resp: 84

Ion	Ratio	Lower	Upper
154	100		
153	8.3	91.4	137.2#
152	0.0	44.0	66.0#



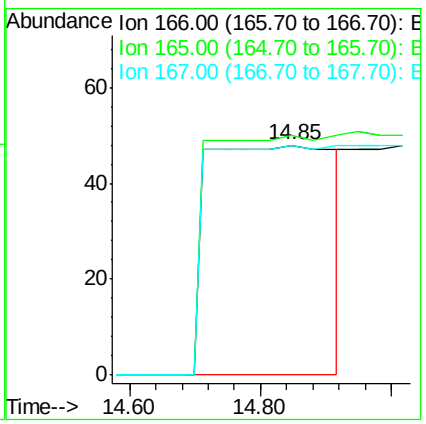


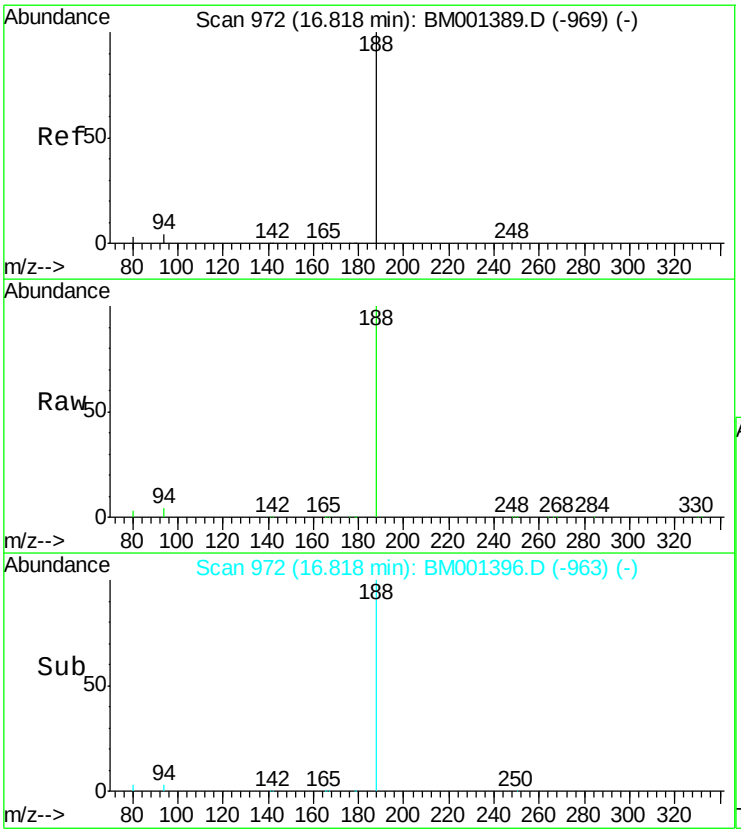
#17
Fluorene
Concen: 0.11 ng
RT: 14.85 min Scan# 914
Delta R.T. -0.27 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Instrument :
BNA_M
ClientSampleId :
PB83556BL

Tgt Ion:166 Resp: 564

Ion	Ratio	Lower	Upper
166	100		
165	0.0	72.6	108.8#
167	168.4	10.9	16.3#

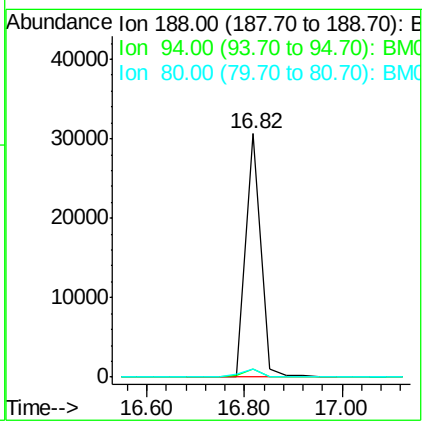


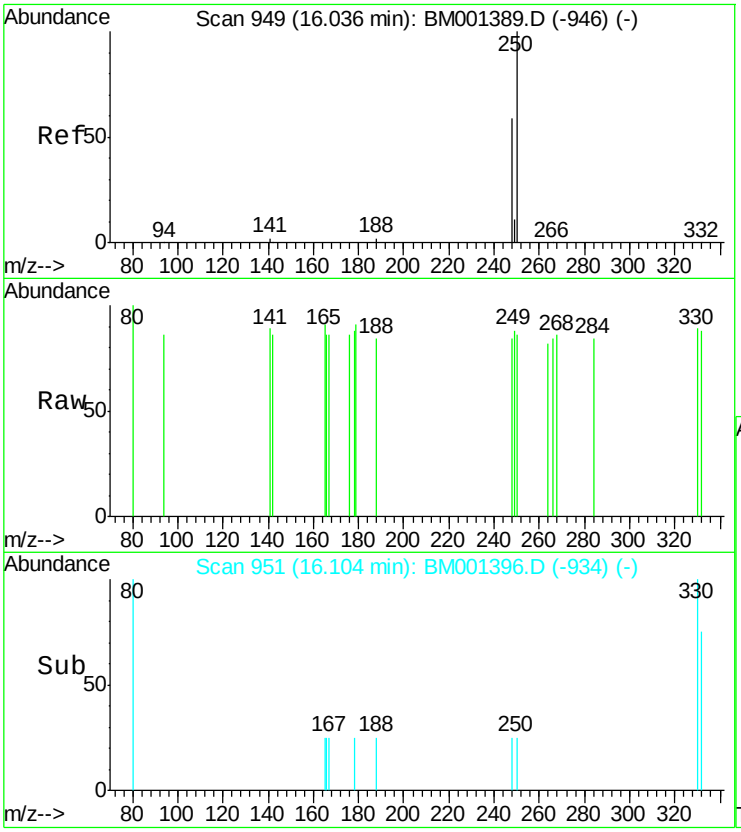


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.82 min Scan# 972
Delta R.T. -0.00 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Tgt Ion:188 Resp: 65588

Ion	Ratio	Lower	Upper
188	100		
94	3.6	3.0	4.4
80	3.2	2.5	3.7



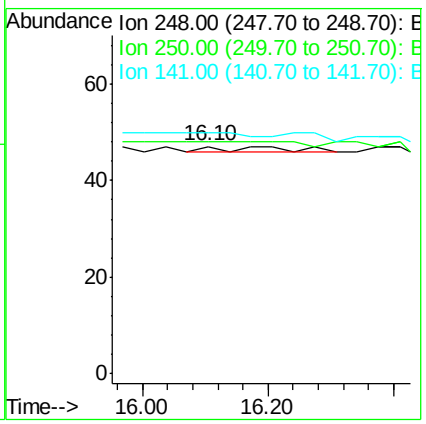


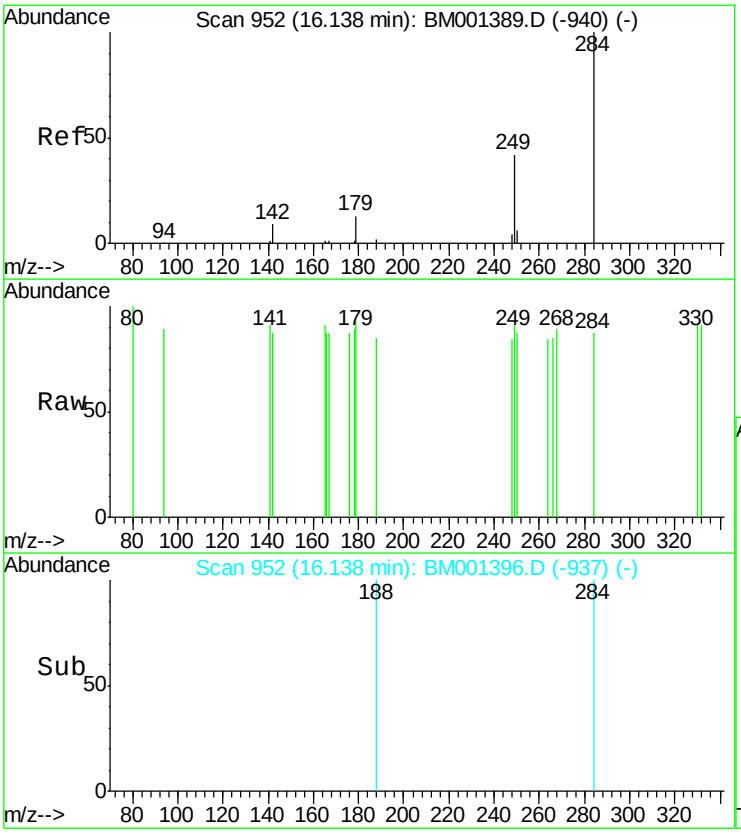
#19
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.10 min Scan# 951
Delta R.T. 0.07 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Instrument :
BNA_M
ClientSampleId :
PB83556BL

Tgt Ion:248 Resp: 8

Ion	Ratio	Lower	Upper
248	100		
250	0.0	117.8	176.6#
141	0.0	0.0	0.0

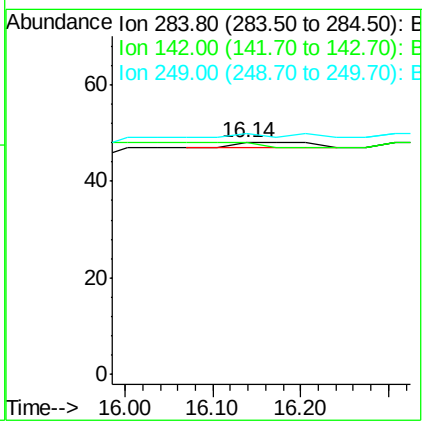


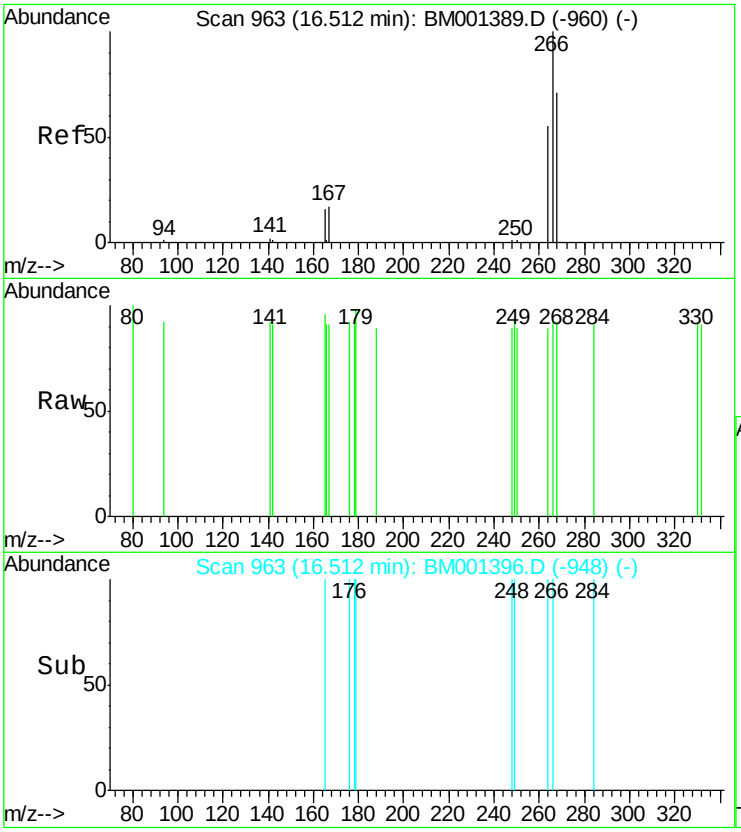


#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.14 min Scan# 952
Delta R.T. 0.00 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Tgt Ion:284 Resp: 6

Ion	Ratio	Lower	Upper
284	100		
142	0.0	13.9	20.9#
249	66.7	39.0	58.4#



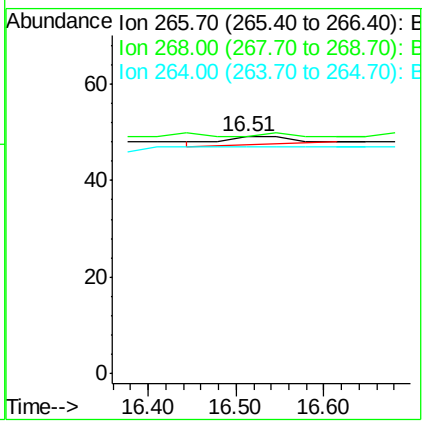


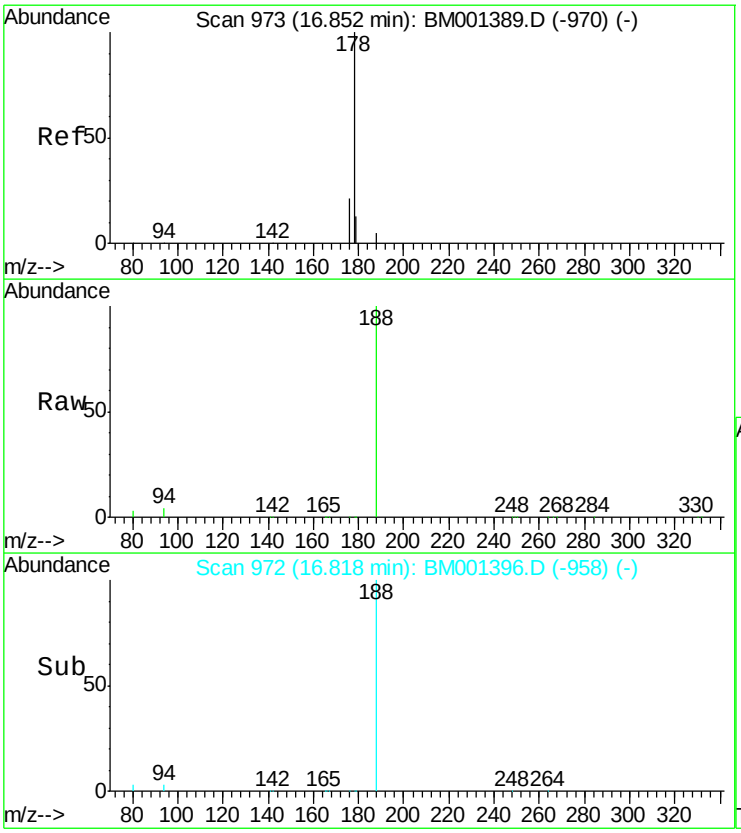
#21
Pentachlorophenol
Concen: Below Cal
RT: 16.51 min Scan# 963
Delta R.T. 0.00 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Instrument :
BNA_M
ClientSampleId :
PB83556BL

Tgt Ion:266 Resp: 10

Ion	Ratio	Lower	Upper
266	100		
268	100.0	63.0	94.4#
264	95.9	52.8	79.2#

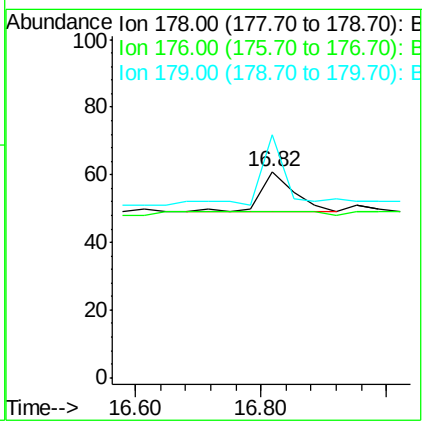


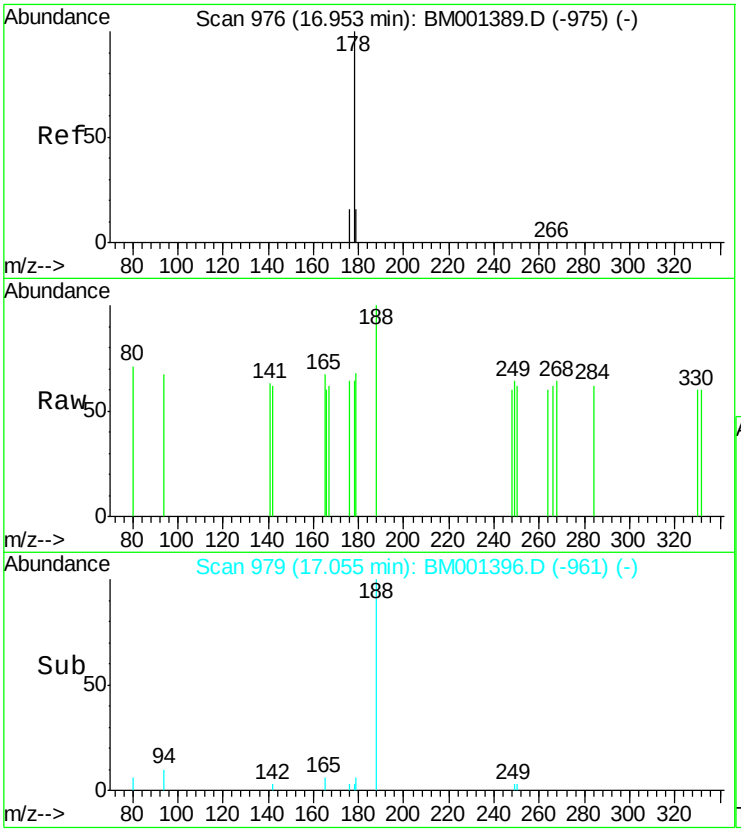


#22
Phenanthrene
Concen: Below Cal
RT: 16.82 min Scan# 972
Delta R.T. -0.03 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Tgt Ion:178 Resp: 45

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.8	25.2#
179	140.0	11.0	16.4#



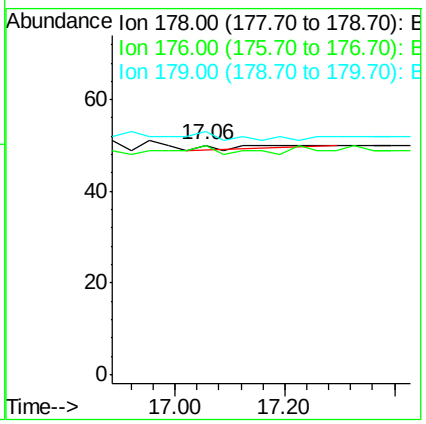


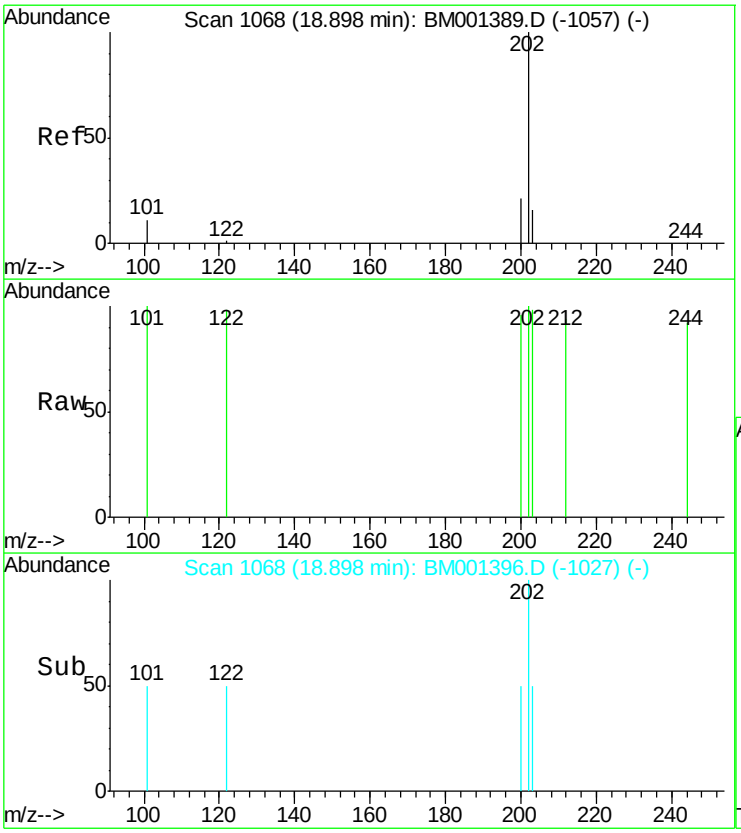
#23
Anthracene
Concen: 0.00 ng
RT: 17.06 min Scan# 979
Delta R.T. 0.10 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Instrument :
BNA_M
ClientSampleId :
PB83556BL

Tgt Ion:178 Resp: 6

Ion	Ratio	Lower	Upper
178	100		
176	200.0	13.1	19.7#
179	0.0	12.8	19.2#

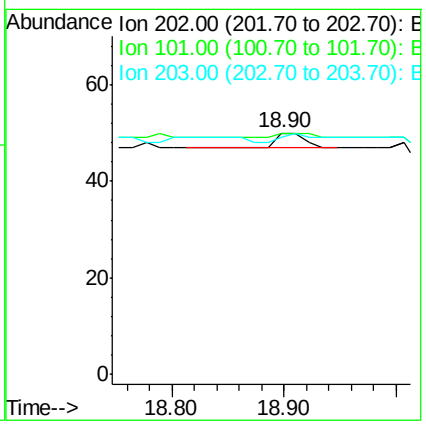


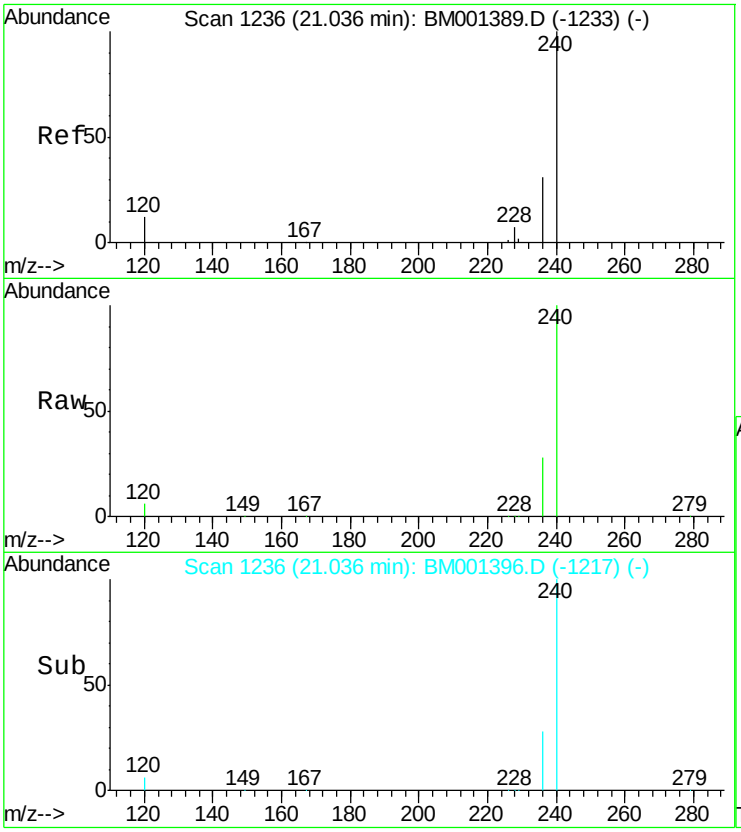


#24
Fluoranthene
Concen: 0.00 ng
RT: 18.90 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Tgt Ion:202 Resp: 5

Ion	Ratio	Lower	Upper
202	100		
101	40.0	8.6	12.8#
203	240.0	13.8	20.6#



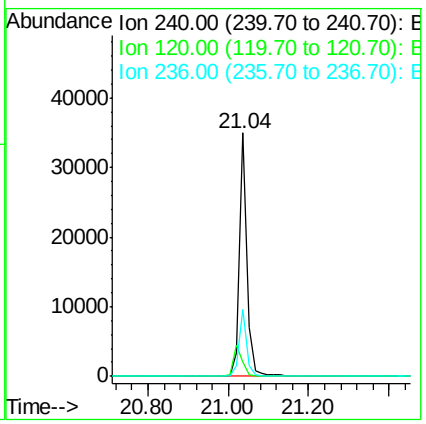


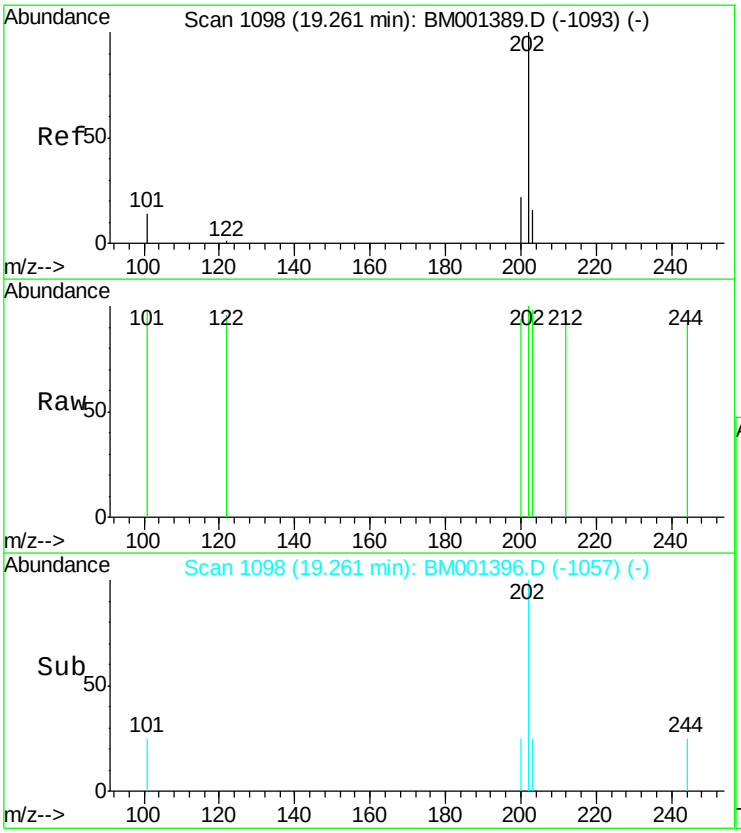
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.04 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Instrument :
BNA_M
ClientSampleId :
PB83556BL

Tgt Ion:240 Resp: 43989

Ion	Ratio	Lower	Upper
240	100		
120	6.1	9.7	14.5#
236	27.6	24.8	37.2

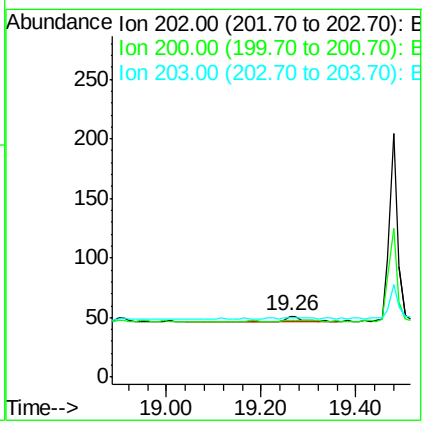


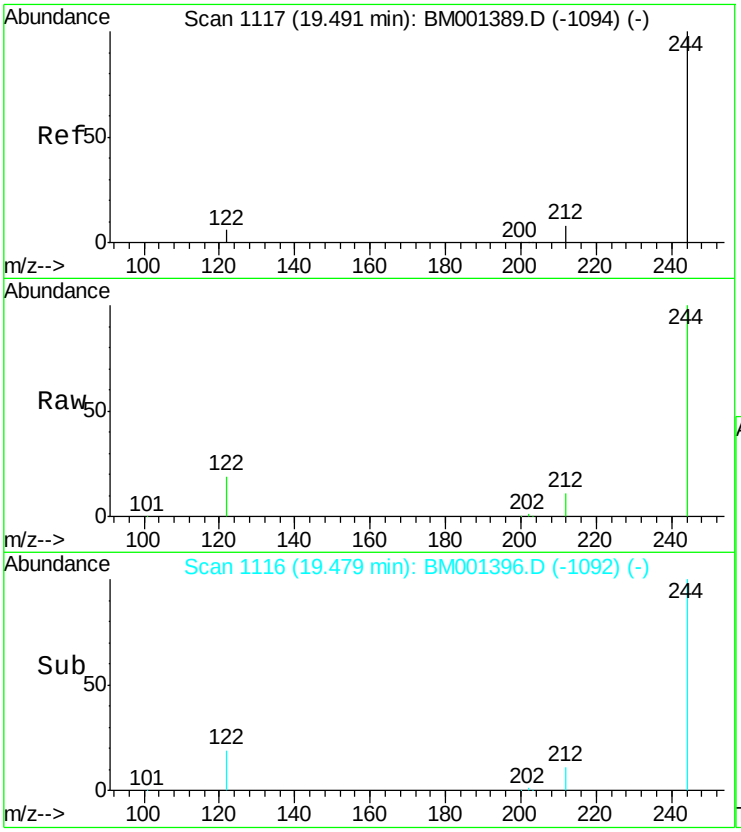


#26
Pyrene
Concen: 0.00 ng
RT: 19.26 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Tgt Ion:202 Resp: 9

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.4	24.6#
203	44.4	13.9	20.9#



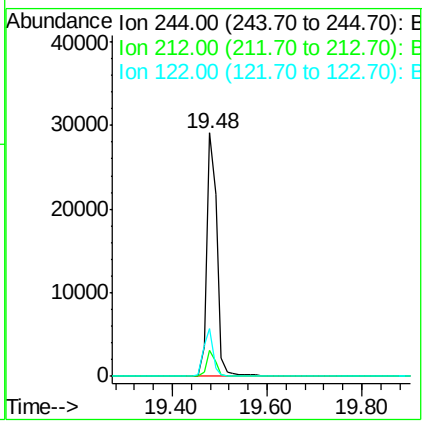


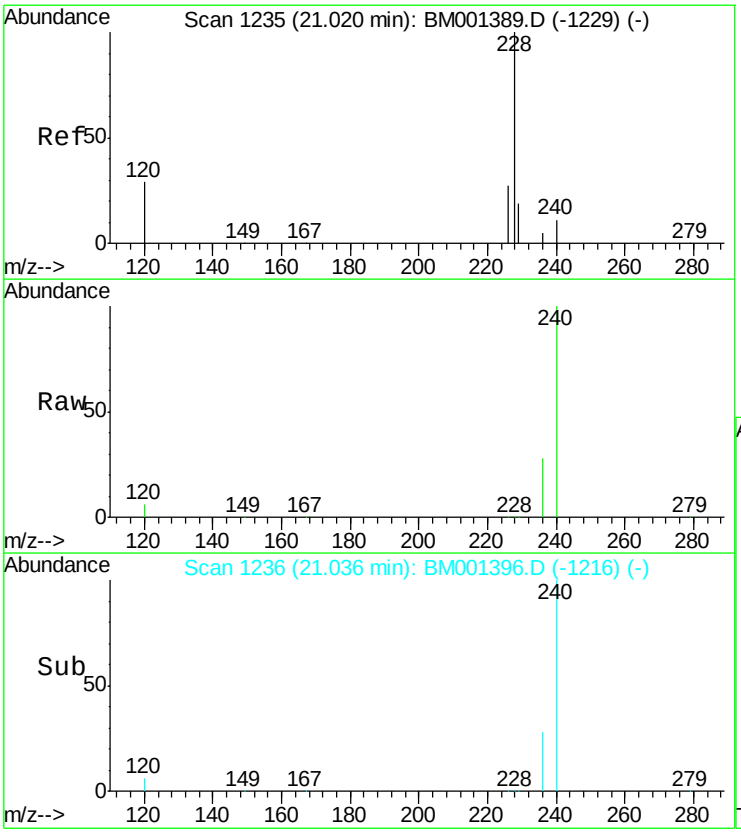
#27
Terphenyl-d14
Concen: 7.11 ng
RT: 19.48 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Instrument :
BNA_M
ClientSampleId :
PB83556BL

Tgt Ion:244 Resp: 42307

Ion	Ratio	Lower	Upper
244	100		
212	10.8	7.2	10.8
122	19.4	5.1	7.7#

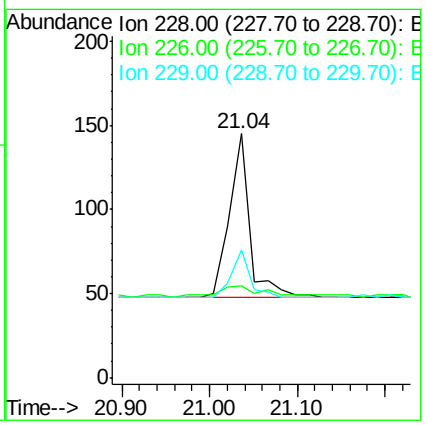


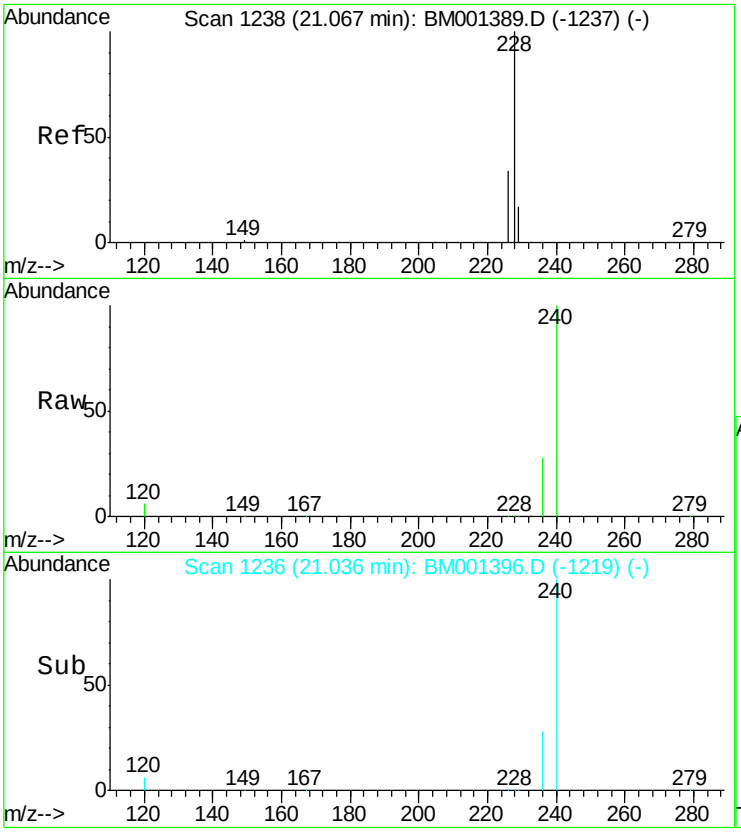


#28
Benzo(a)anthracene
Concen: 0.01 ng
RT: 21.04 min Scan# 1236
Delta R.T. 0.02 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Tgt Ion:228 Resp: 154

Ion	Ratio	Lower	Upper
228	100		
226	37.9	21.9	32.9#
229	52.4	15.1	22.7#



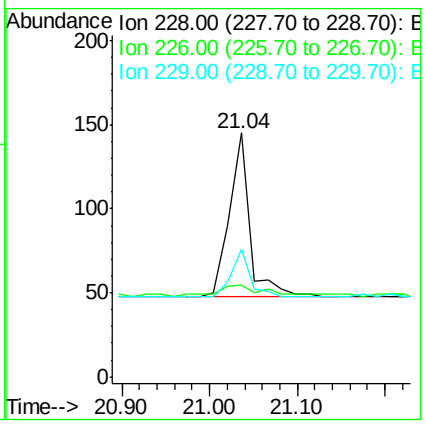


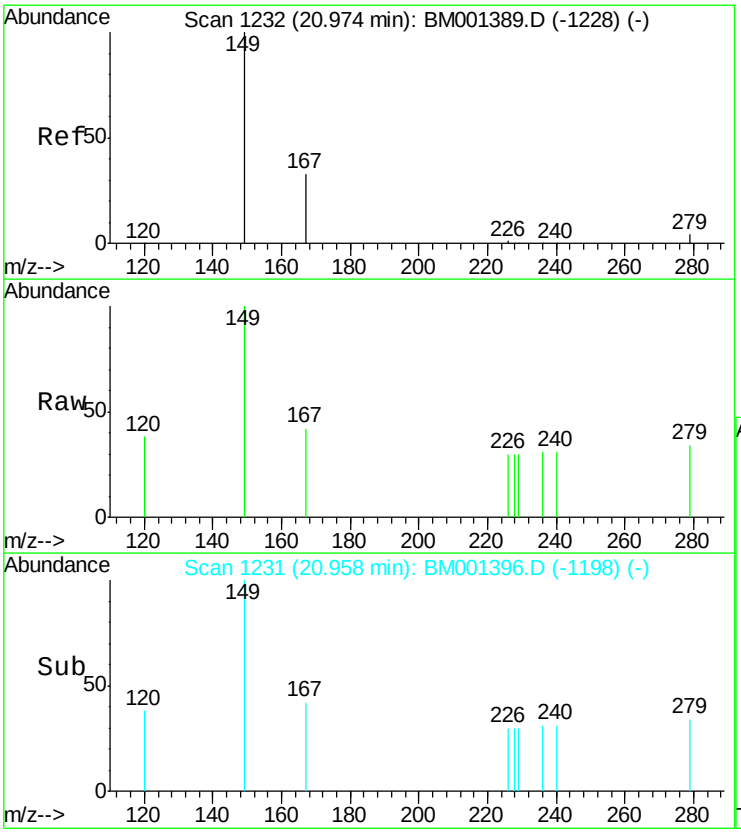
#29
Chrysene
Concen: 0.01 ng
RT: 21.04 min Scan# 1236
Delta R.T. -0.03 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Instrument :
BNA_M
ClientSampleId :
PB83556BL

Tgt Ion:228 Resp: 154

Ion	Ratio	Lower	Upper
228	100		
226	37.9	27.6	41.4
229	52.4	13.6	20.4#

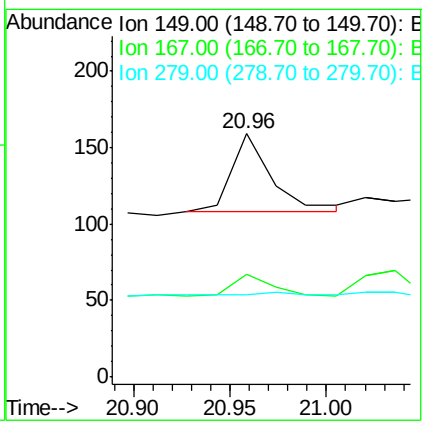


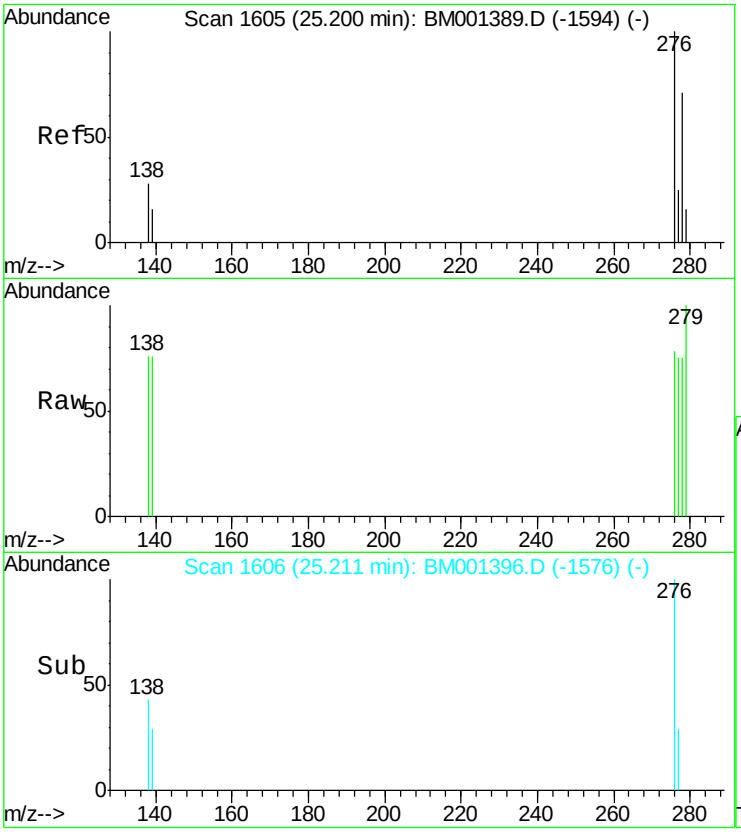


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.01 ng
RT: 20.96 min Scan# 1231
Delta R.T. -0.02 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Tgt Ion:149 Resp: 74

Ion	Ratio	Lower	Upper
149	100		
167	0.0	21.0	31.6#
279	0.0	2.2	3.2#



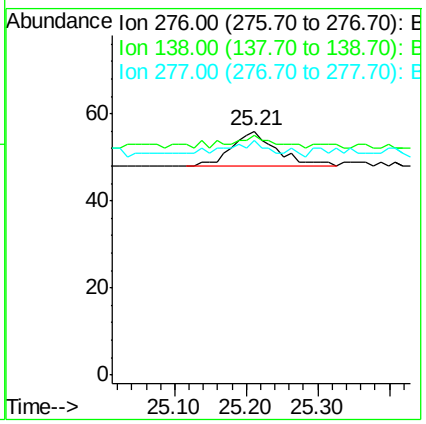


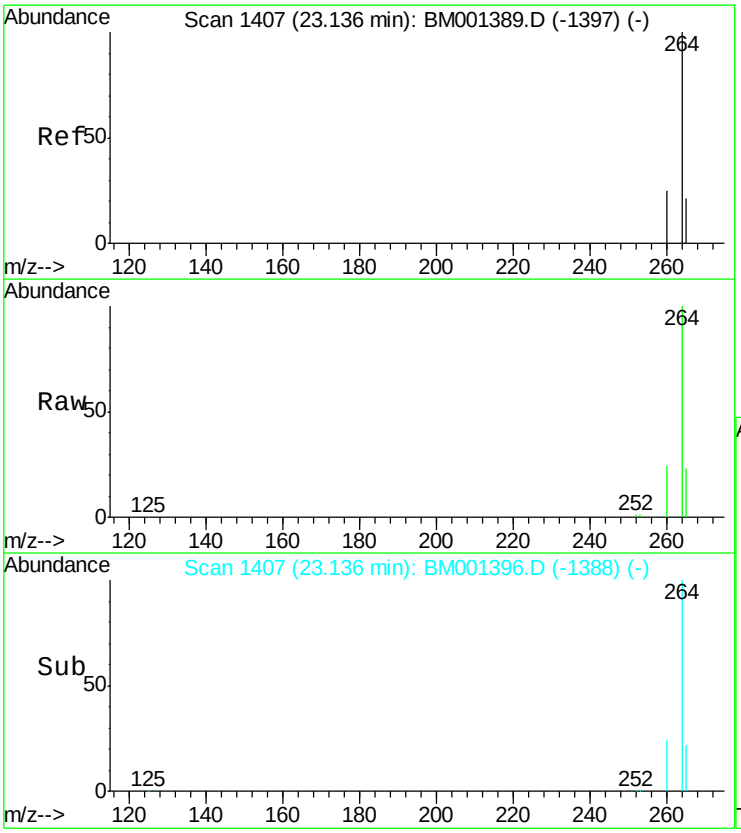
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 25.21 min Scan# 1606
Delta R.T. 0.01 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Instrument :
BNA_M
ClientSampleId :
PB83556BL

Tgt Ion:276 Resp: 35

Ion	Ratio	Lower	Upper
276	100		
138	34.3	23.4	35.0
277	22.9	19.5	29.3

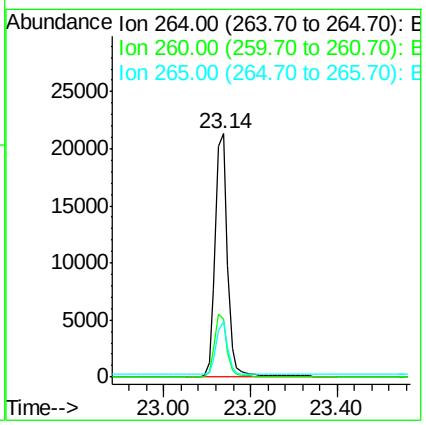


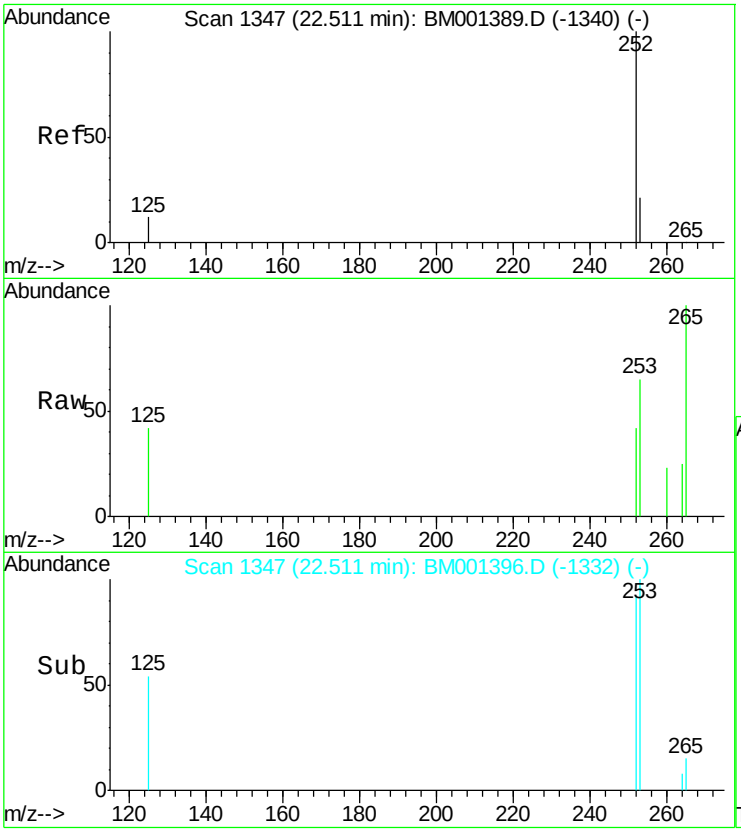


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.14 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Tgt Ion:264 Resp: 40902

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.1	30.1
265	22.6	17.1	25.7



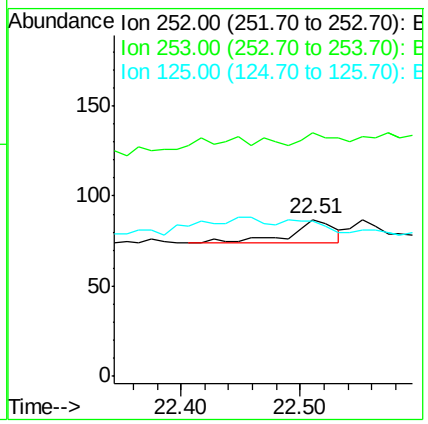


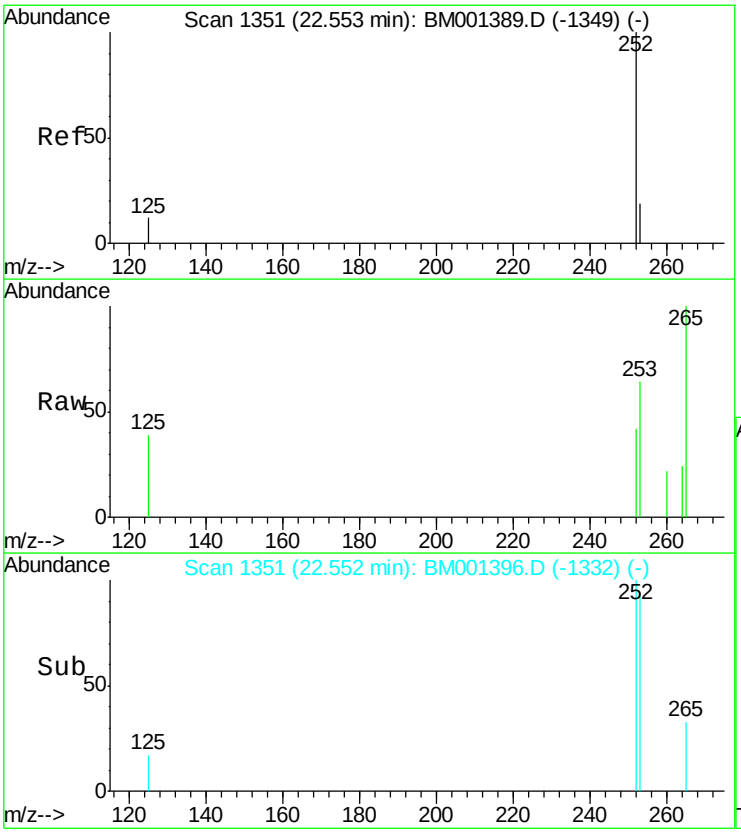
#33
Benzo(b)fluoranthene
Concen: 0.00 ng
RT: 22.51 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Instrument :
BNA_M
ClientSampleId :
PB83556BL

Tgt Ion:252 Resp: 34

Ion	Ratio	Lower	Upper
252	100		
253	155.2	17.4	26.0#
125	98.9	10.2	15.4#

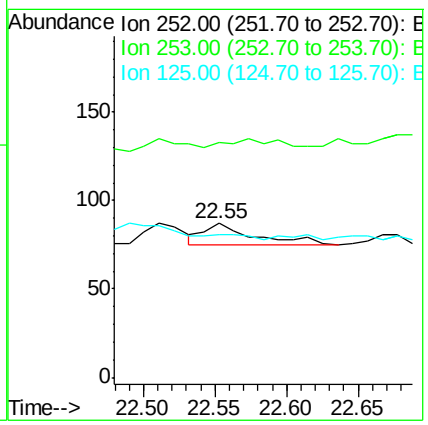


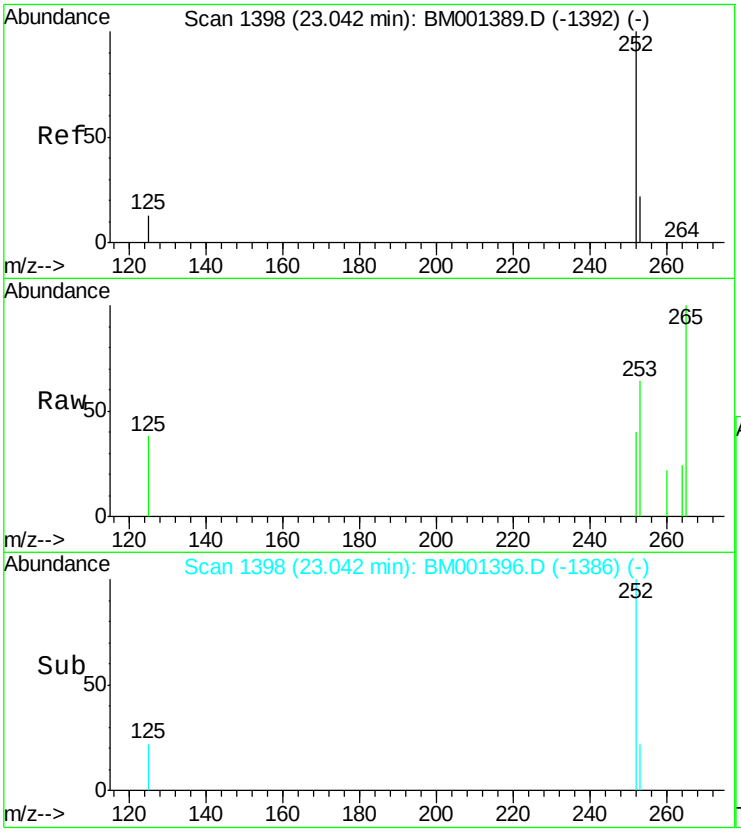


#34
Benzo(k)fluoranthene
Concen: 0.00 ng
RT: 22.55 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Tgt Ion:252 Resp: 29

Ion	Ratio	Lower	Upper
252	100		
253	152.9	17.6	26.4#
125	93.1	9.7	14.5#



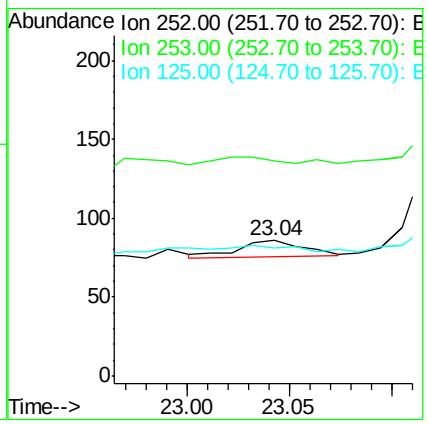


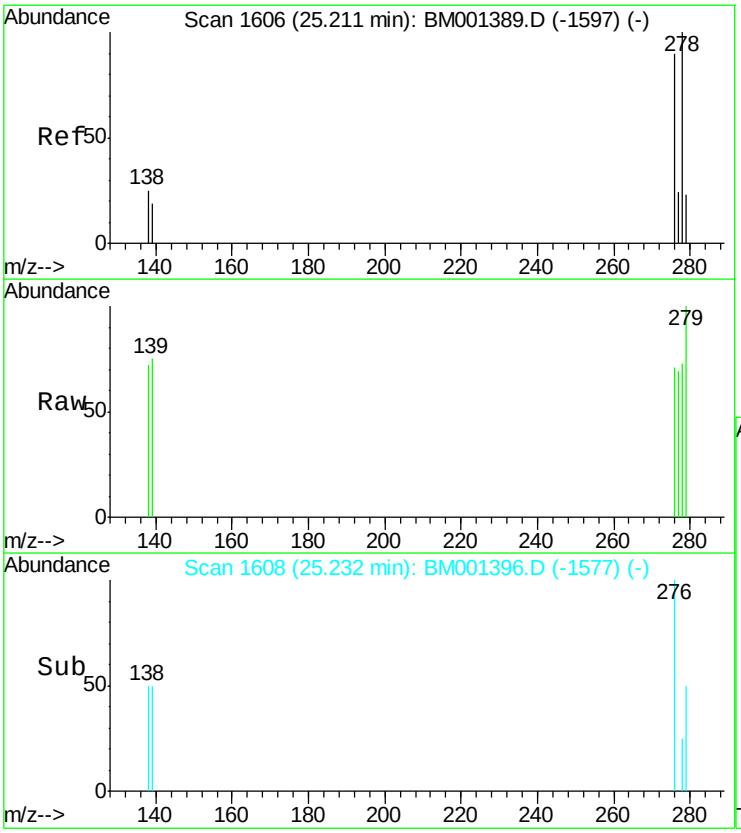
#35
Benzo(a)pyrene
Concen: 0.00 ng
RT: 23.04 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Instrument :
BNA_M
ClientSampleId :
PB83556BL

Tgt Ion:252 Resp: 23

Ion	Ratio	Lower	Upper
252	100		
253	158.1	18.6	28.0#
125	94.2	10.7	16.1#

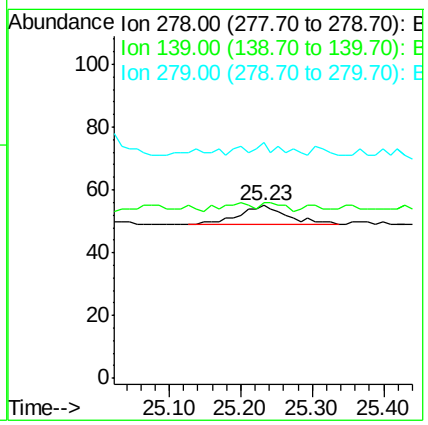


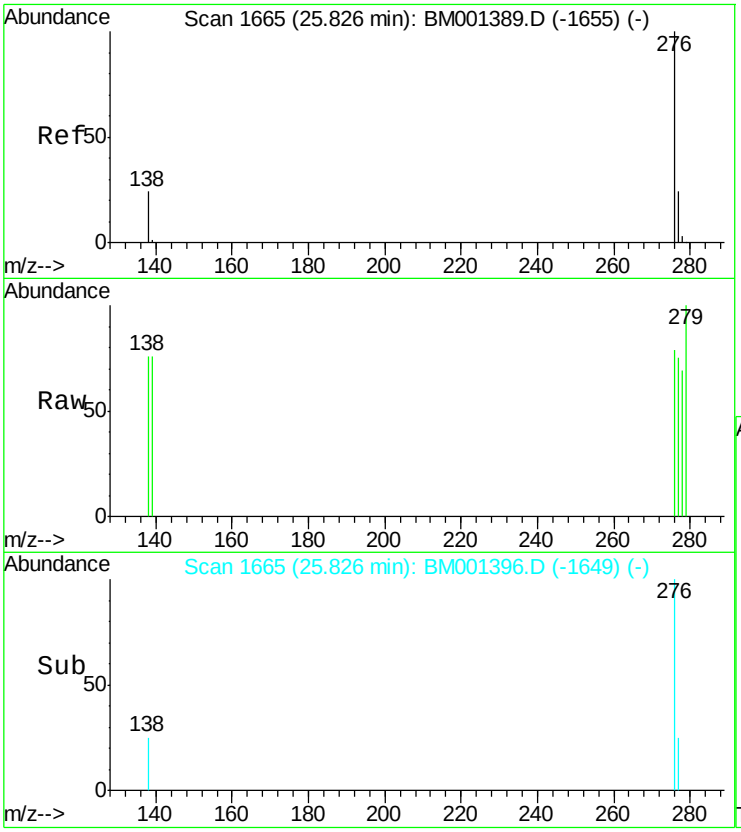


#36
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 25.23 min Scan# 1608
Delta R.T. 0.02 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Tgt Ion:278 Resp: 29

Ion	Ratio	Lower	Upper
278	100		
139	101.8	15.7	23.5#
279	136.4	19.4	29.2#





#37
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 25.83 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BM001396.D
Acq: 23 May 2015 00:27

Instrument :
BNA_M
ClientSampleId :
PB83556BL

Tgt Ion:276 Resp: 36

Ion	Ratio	Lower	Upper
276	100		
277	94.6	19.8	29.6#
138	96.4	20.2	30.2#