Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052215\
Data File : BM001406.D
Acq On : 23 May 2015 06:24
Operator : TP/IZ
Sample : G2334-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RAV-GT-106

Quant Time: May 25 08:26:29 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	10020	5.00	ng		0.00
6) Naphthalene-d8	10.16	136	36278	5.00	ng		-0.02
12) Acenaphthene-d10	14.08	164	21250	5.00	ng		0.00
18) Phenanthrene-d10	16.82	188	74055	5.00	ng		0.00
25) Chrysene-d12	21.04	240	44845	5.00	ng		0.00
32) Perylene-d12	23.13	264	38118	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	4.99	112	7481	3.78	ng		0.00
5) Phenol-d6	6.60	99	5595	2.44	ng		0.00
7) Nitrobenzene-d5	8.55	82	13656	6.52	ng		0.00
13) 2,4,6-Tribromophenol	15.59	330	5825	8.82	ng		0.00
14) 2-Fluorobiphenyl	12.69	172	45328	6.93	ng		0.00
27) Terphenyl-d14	19.48	244	50488	8.32	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.35	42	34	0.03	ng	#	10
8) Nitrobenzene	8.55	77	58	0.03	ng	#	36
9) Naphthalene	10.22	128	170	0.02	ng	#	27
10) Hexachlorobutadiene	10.49	225	3	0.00	ng	#	40
11) 2-Methylnaphthalene	11.86	142	65	0.01	ng	#	79
15) Acenaphthylene	13.79	152	77	0.01	ng	#	62
16) Acenaphthene	14.55	154	8	0.00	ng		88
17) Fluorene	14.71	166	171	0.08	ng	#	12
19) 4-Bromophenyl-phenylether	15.87	248	14	Below Cal		#	1
20) Hexachlorobenzene	16.14	284	12	Below Cal		#	37
21) Pentachlorophenol	16.48	266	12	Below Cal		#	66
22) Phenanthrene	16.95	178	183	Below Cal			96
23) Anthracene	16.95	178	183	0.01	ng	#	95
24) Fluoranthene	19.26	202	169	0.01	ng		95
26) Pyrene	19.26	202	174	0.01	ng	#	83
28) Benzo(a)anthracene	21.02	228	338	0.03	ng	#	38
29) Chrysene	21.02	228	338	0.03	ng	#	49
30) Bis(2-ethylhexyl)phthalate	20.96	149	1623	0.23	ng		95
31) Indeno(1,2,3-cd)pyrene	25.19	276	81	0.01	ng	#	74
33) Benzo(b)fluoranthene	22.51	252	176	0.02	ng	#	1
34) Benzo(k)fluoranthene	22.51	252	176	0.02	ng	#	1
35) Benzo(a)pyrene	23.03	252	83	0.01	ng	#	1
36) Dibenzo(a,h)anthracene	25.20	278	31	0.00	ng	#	1
37) Benzo(g,h,i)perylene	25.82	276	79	0.01	ng	#	1

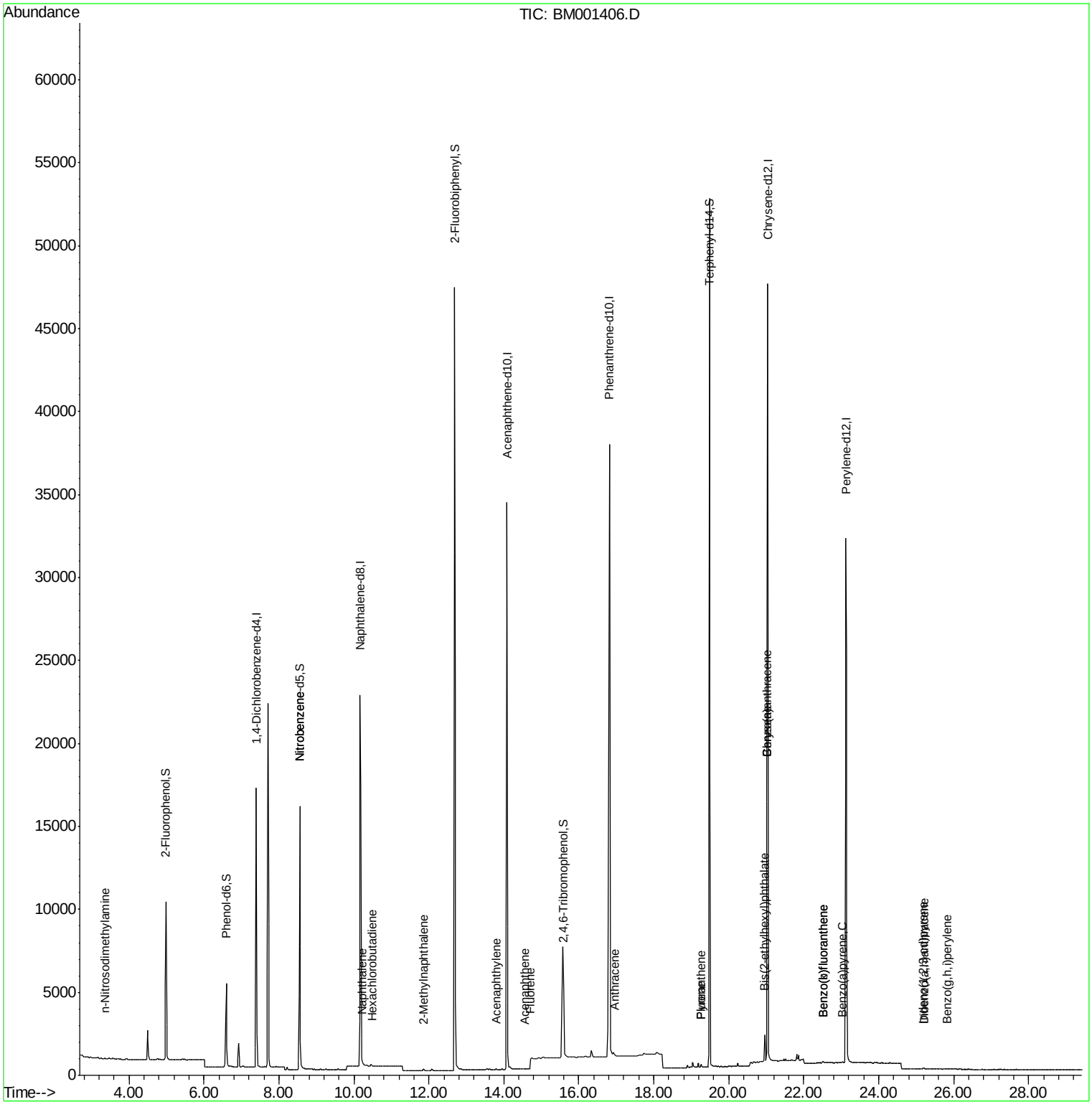
(#) = qualifier out of range (m) = manual integration (+) = signals summed

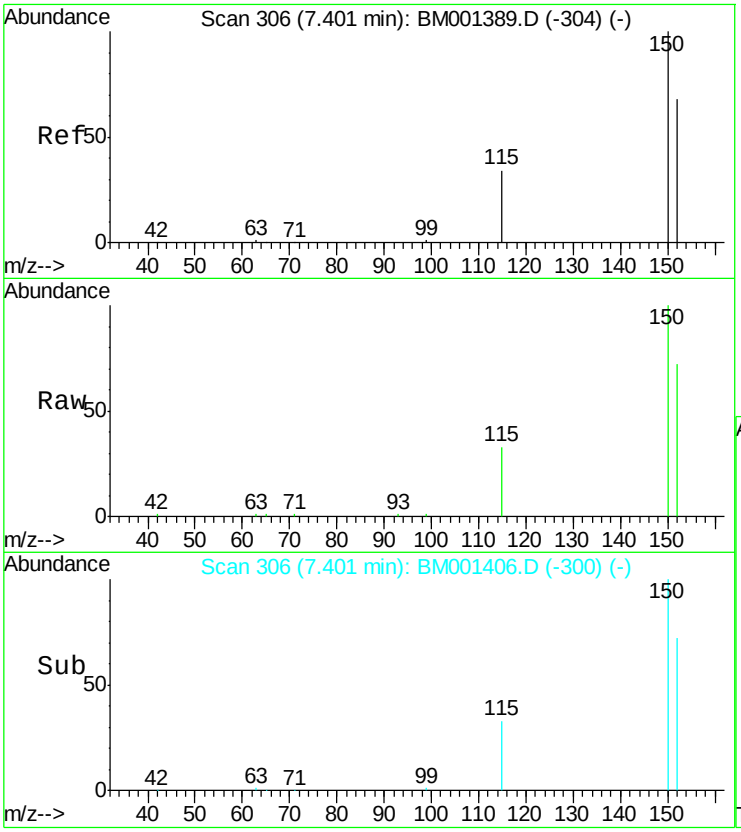
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052215\
Data File : BM001406.D
Acq On : 23 May 2015 06:24
Operator : TP/IZ
Sample : G2334-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RAV-GT-106

Quant Time: May 25 08:26:29 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



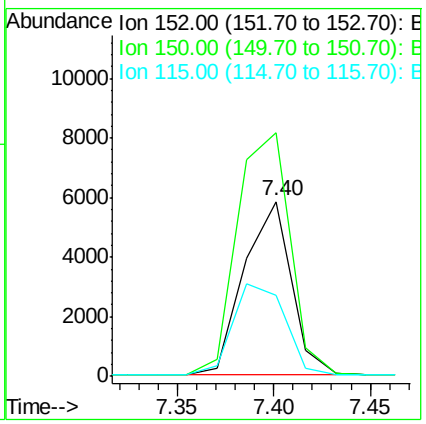


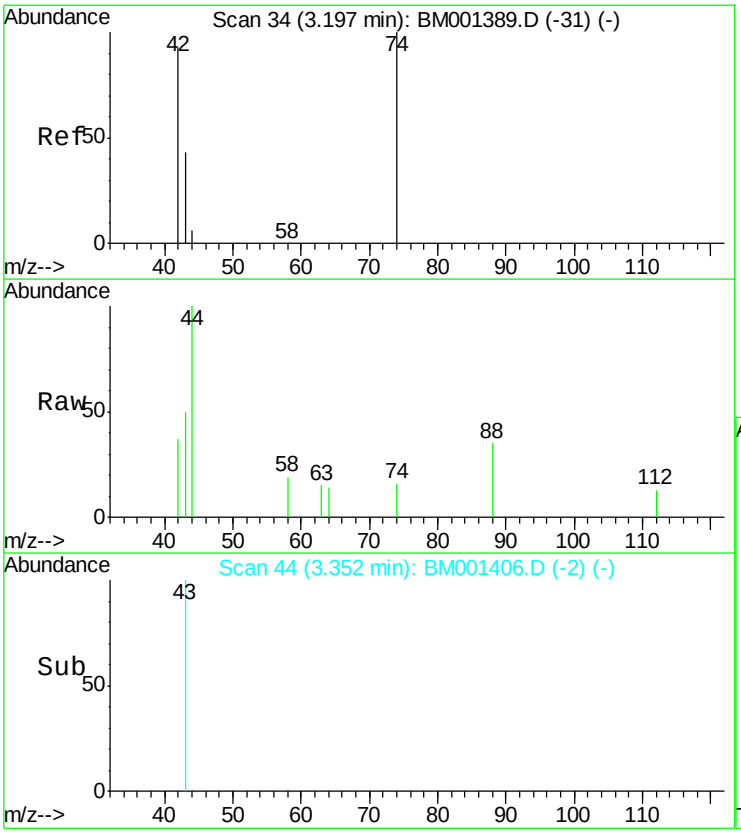
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.40 min Scan# 306
Delta R.T. 0.00 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Instrument :
BNA_M
ClientSampleId :
RAV-GT-106

Tgt Ion:152 Resp: 10020

Ion	Ratio	Lower	Upper
152	100		
150	139.1	119.0	178.6
115	46.4	41.8	62.8

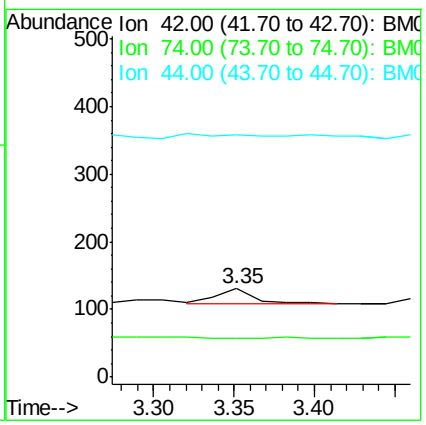


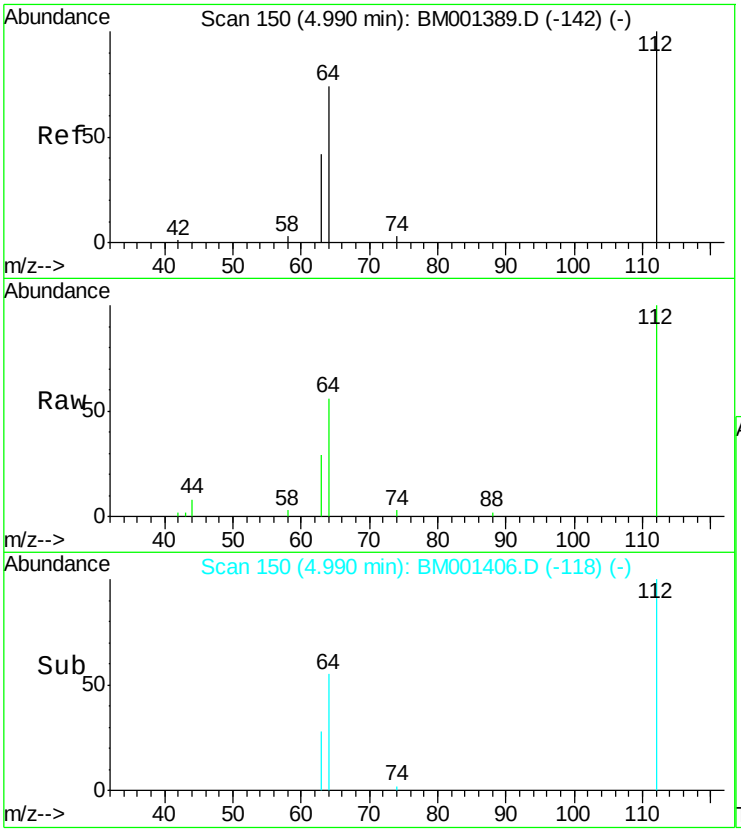


#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.35 min Scan# 44
Delta R.T. 0.15 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Tgt Ion: 42 Resp: 34

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



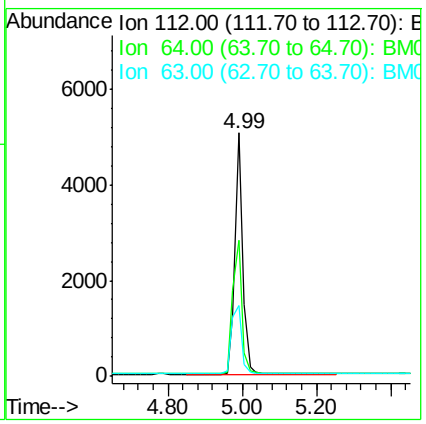


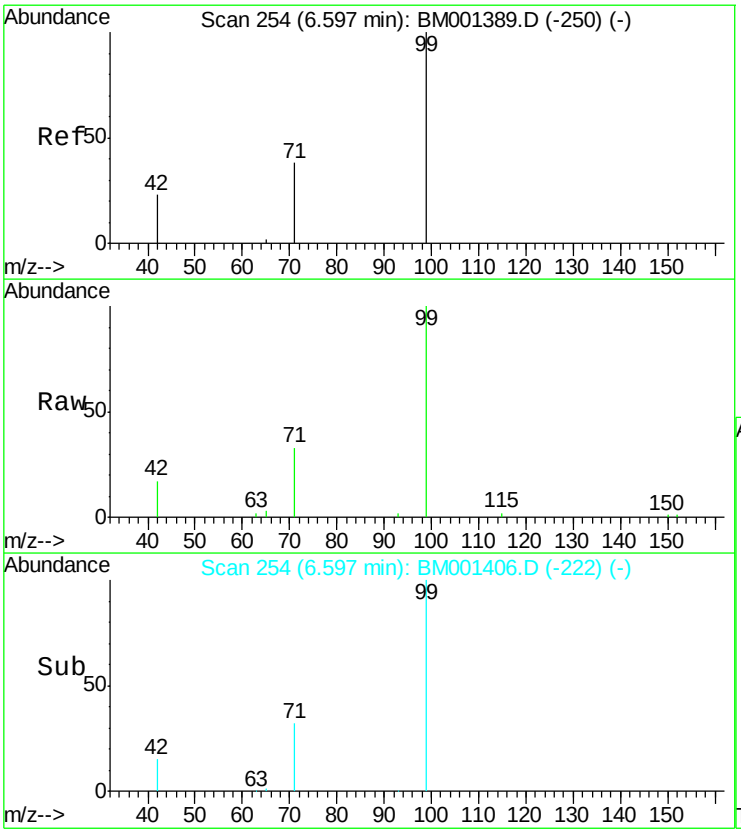
#4
2-Fluorophenol
Concen: 3.78 ng
RT: 4.99 min Scan# 150
Delta R.T. 0.00 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Instrument :
BNA_M
ClientSampleId :
RAV-GT-106

Tgt Ion:112 Resp: 7481

Ion	Ratio	Lower	Upper
112	100		
64	64.1	51.7	77.5
63	37.0	29.7	44.5

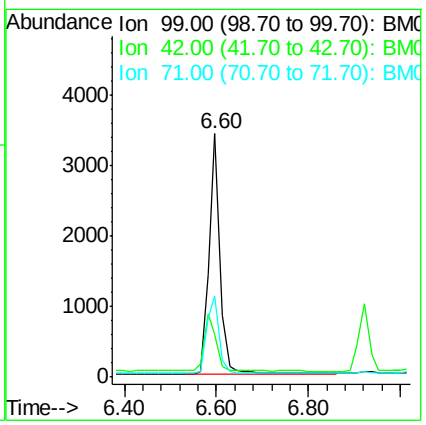


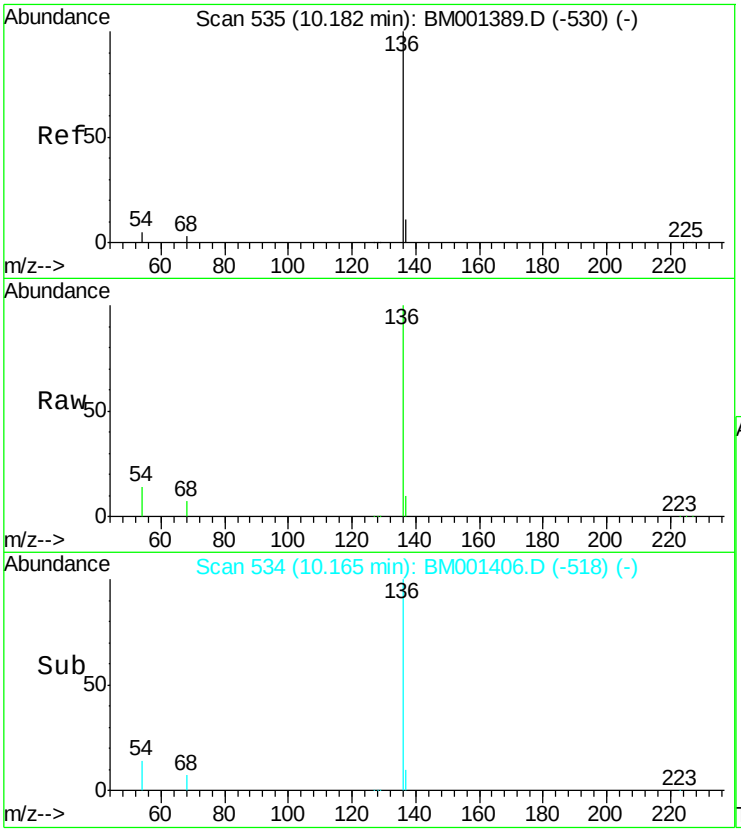


#5
Phenol-d6
Concen: 2.44 ng
RT: 6.60 min Scan# 254
Delta R.T. 0.00 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Tgt Ion: 99 Resp: 5595

Ion	Ratio	Lower	Upper
99	100		
42	25.7	21.8	32.6
71	36.9	29.2	43.8



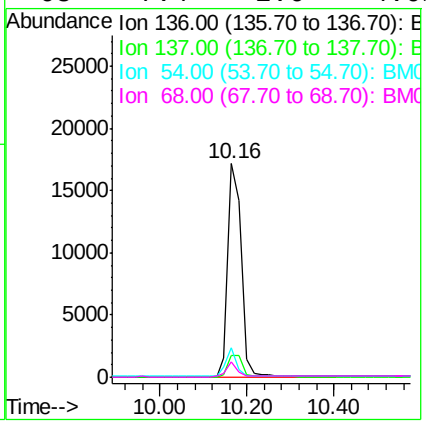


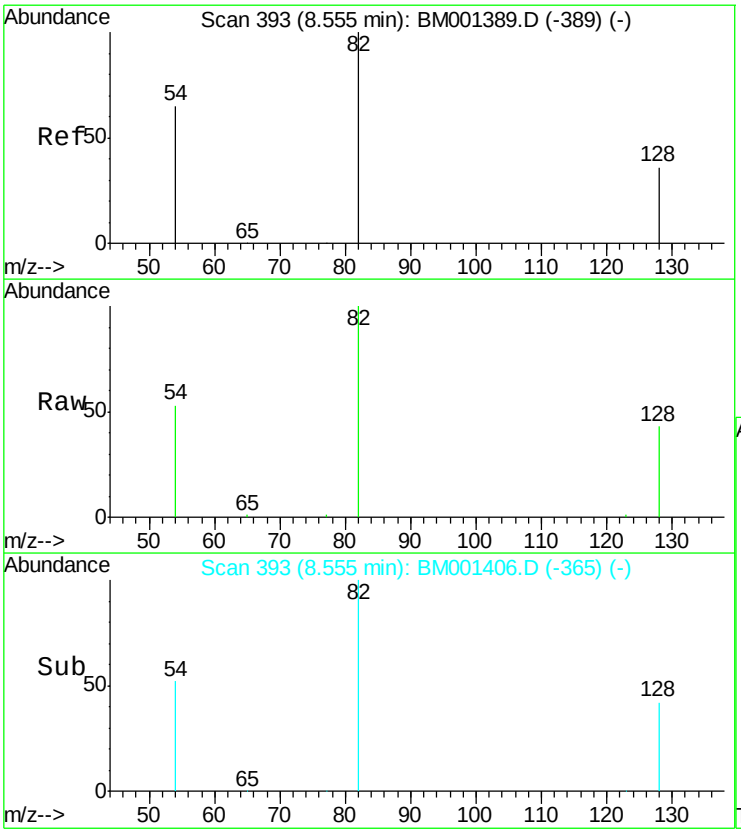
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.16 min Scan# 534
Delta R.T. -0.02 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Instrument :
BNA_M
ClientSampleId :
RAV-GT-106

Tgt Ion:136 Resp: 36278

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.1	13.7
54	14.0	4.3	6.5#
68	7.4	2.6	4.0#

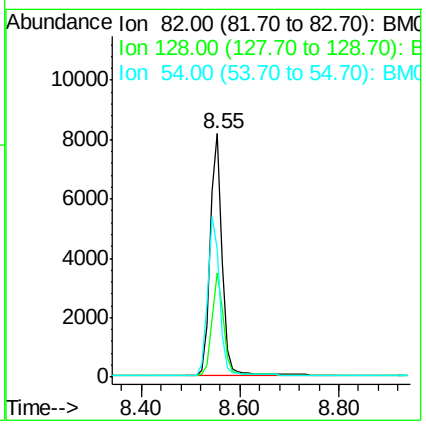


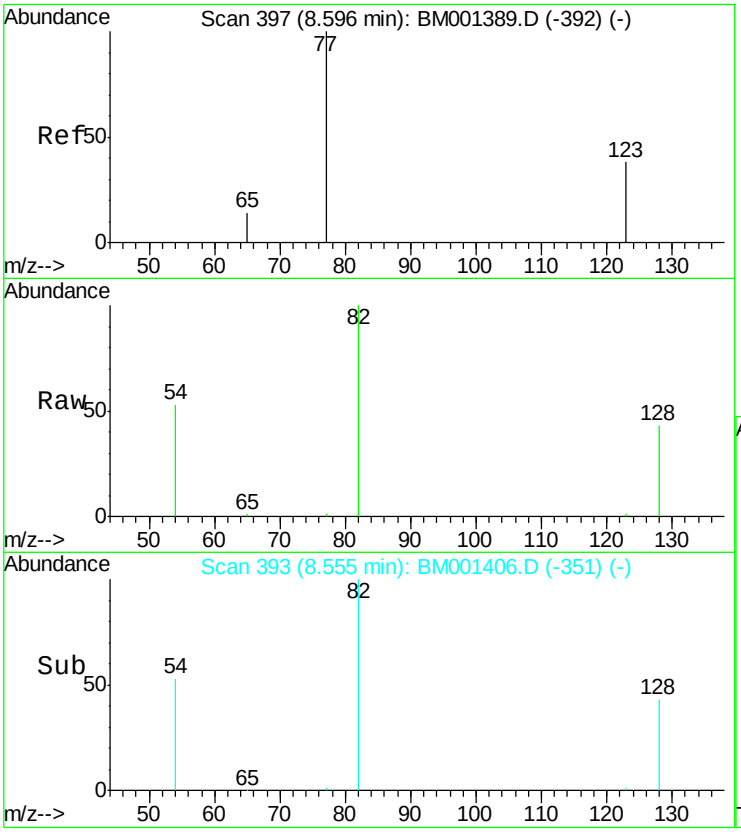


#7
Nitrobenzene-d5
Concen: 6.52 ng
RT: 8.55 min Scan# 393
Delta R.T. 0.00 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Tgt Ion: 82 Resp: 13656

Ion	Ratio	Lower	Upper
82	100		
128	42.6	30.2	45.4
54	52.8	52.9	79.3#



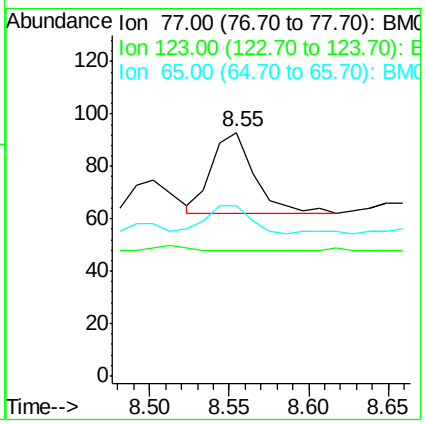


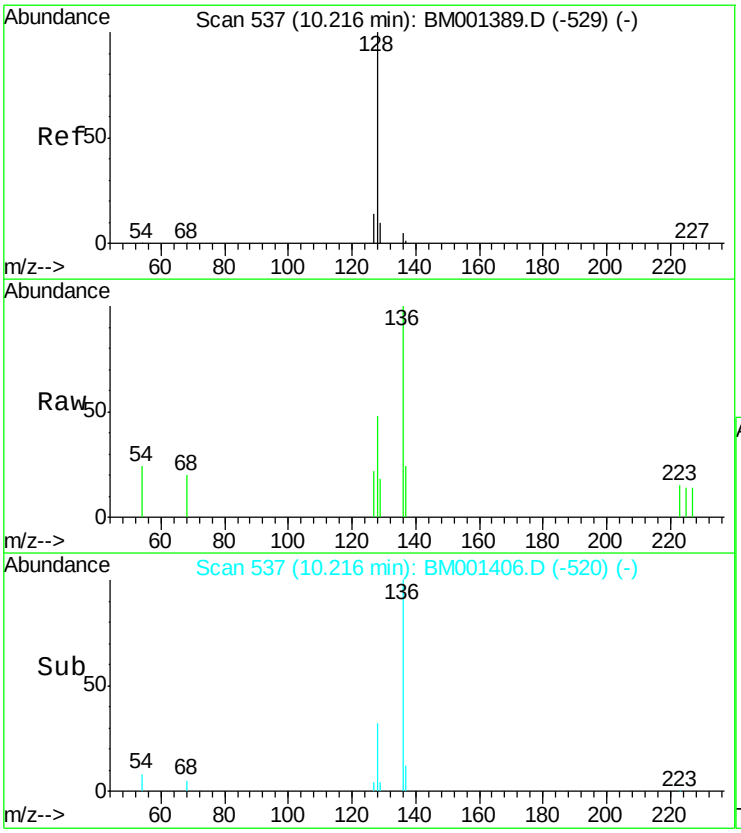
#8
Nitrobenzene
Concen: 0.03 ng
RT: 8.55 min Scan# 393
Delta R.T. -0.04 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Instrument :
BNA_M
ClientSampleId :
RAV-GT-106

Tgt Ion: 77 Resp: 58

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.7	50.5#
65	37.9	11.3	16.9#

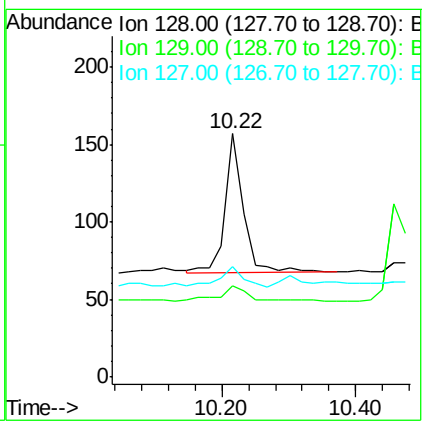


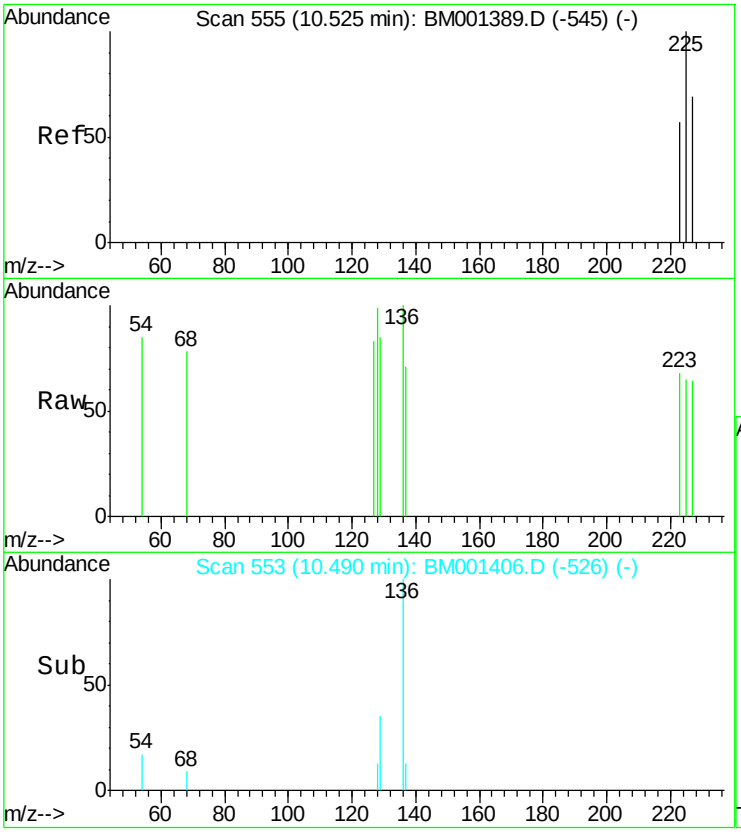


#9
Naphthalene
Concen: 0.02 ng
RT: 10.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Tgt Ion:128 Resp: 170

Ion	Ratio	Lower	Upper
128	100		
129	37.6	8.6	13.0#
127	45.2	11.7	17.5#



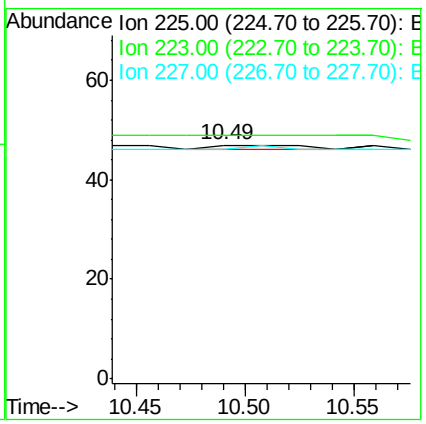


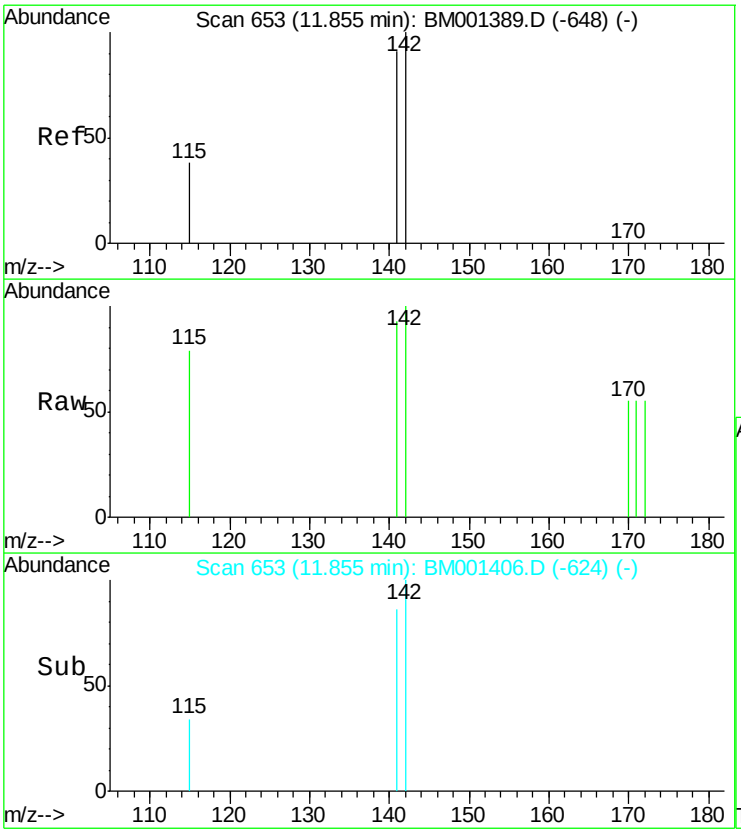
#10
Hexachlorobutadiene
Concen: 0.00 ng
RT: 10.49 min Scan# 553
Delta R.T. -0.03 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Instrument :
BNA_M
ClientSampleId :
RAV-GT-106

Tgt Ion:225 Resp: 3

Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.2	75.2#
227	33.3	51.1	76.7#

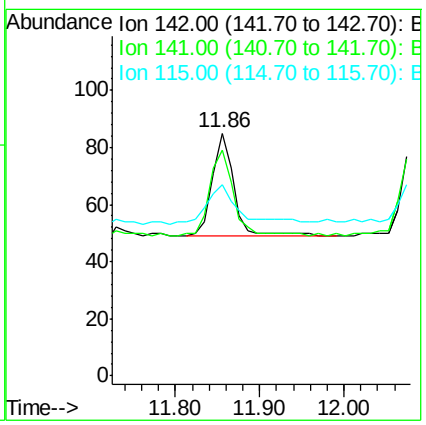


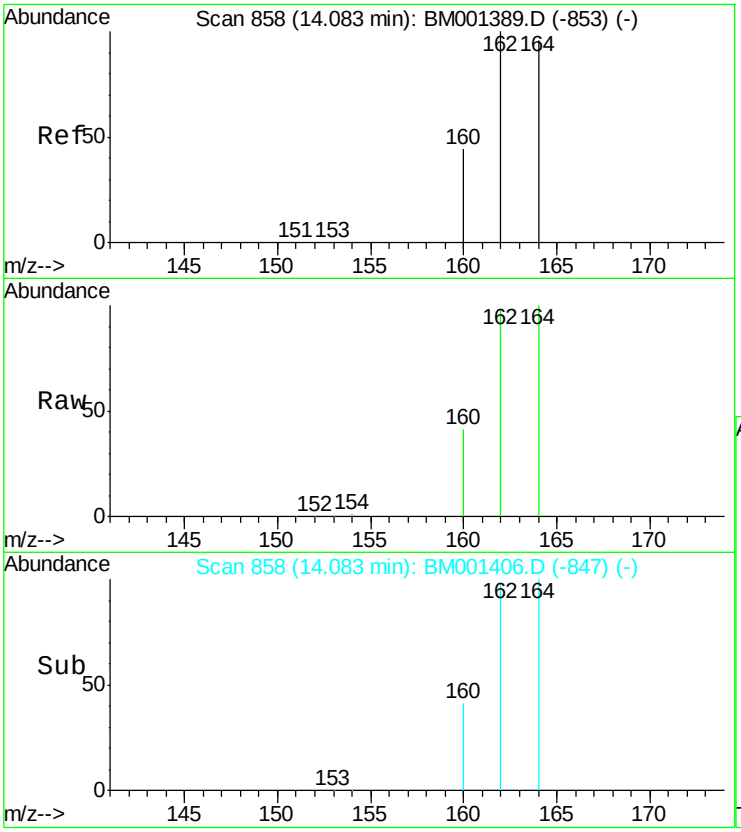


#11
2-Methylnaphthalene
Concen: 0.01 ng
RT: 11.86 min Scan# 653
Delta R.T. 0.00 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Tgt Ion:142 Resp: 65

Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.6	109.0
115	78.8	31.2	46.8#



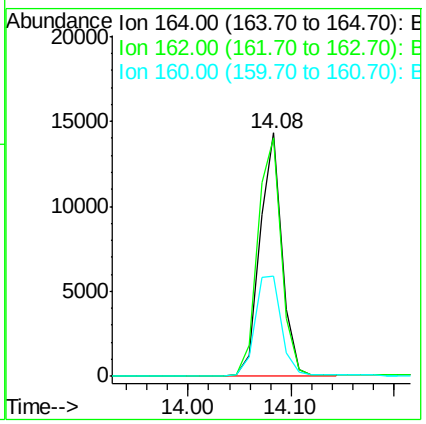


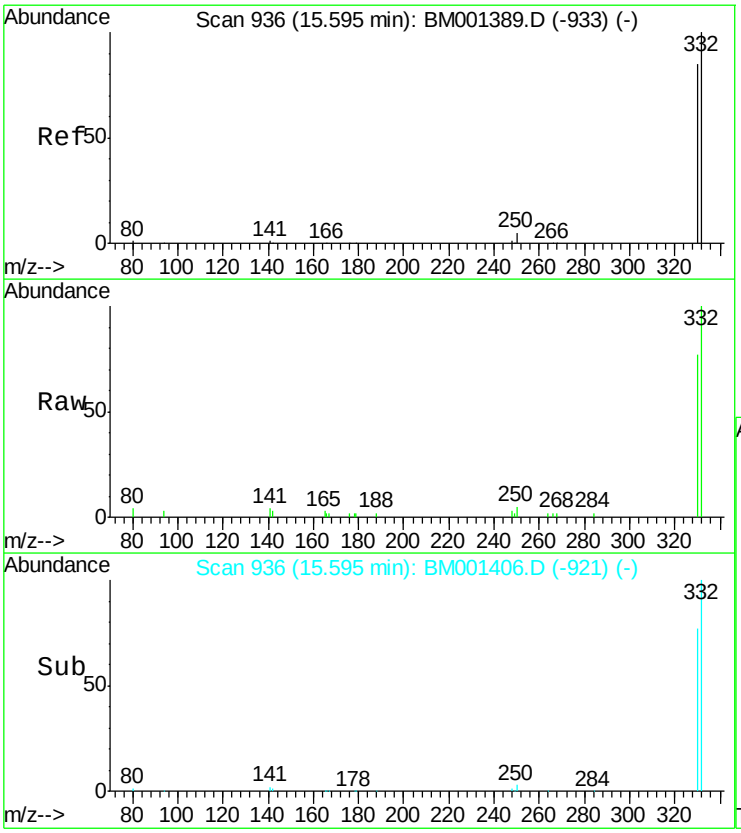
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.08 min Scan# 858
Delta R.T. 0.00 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Instrument :
BNA_M
ClientSampleId :
RAV-GT-106

Tgt Ion:164 Resp: 21250

Ion	Ratio	Lower	Upper
164	100		
162	98.2	83.4	125.2
160	41.2	36.9	55.3

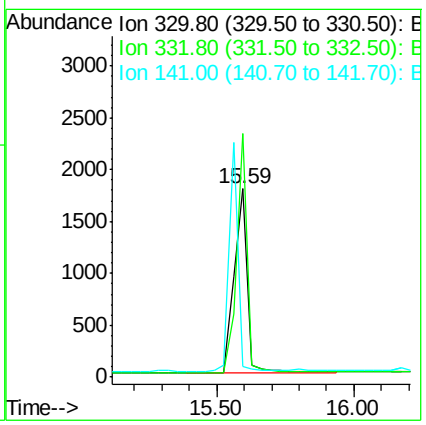


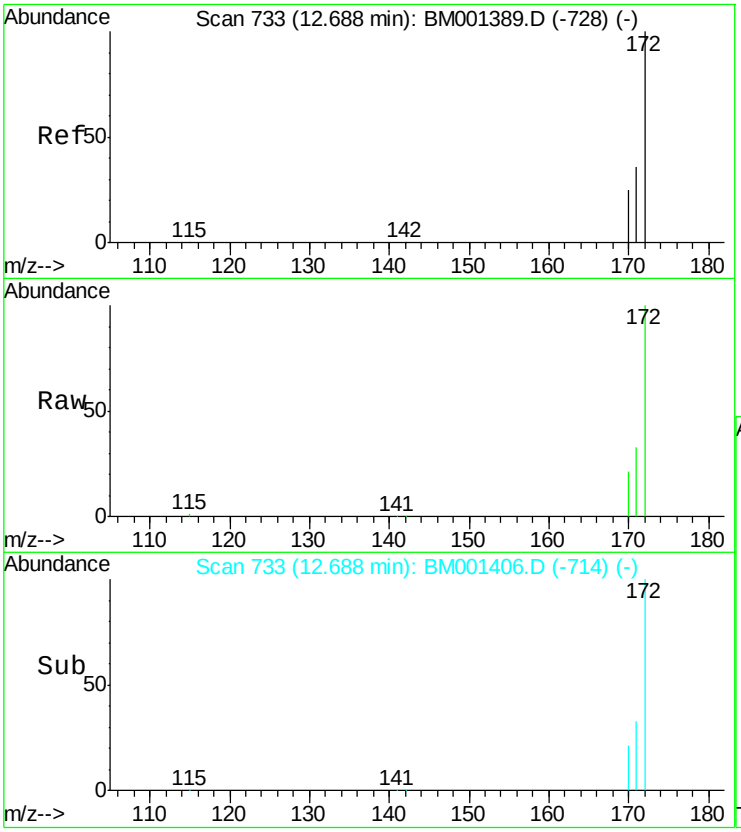


#13
2,4,6-Tribromophenol
Concen: 8.82 ng
RT: 15.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Tgt Ion:330 Resp: 5825

Ion	Ratio	Lower	Upper
330	100		
332	106.6	90.3	135.5
141	0.0	0.0	0.0



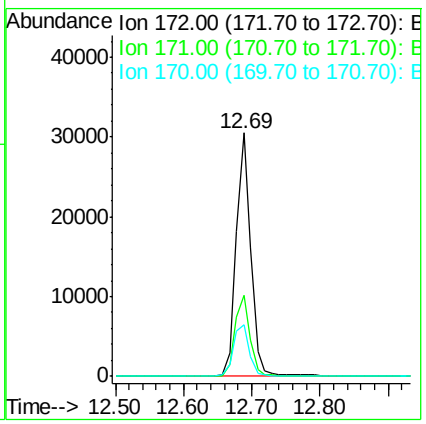


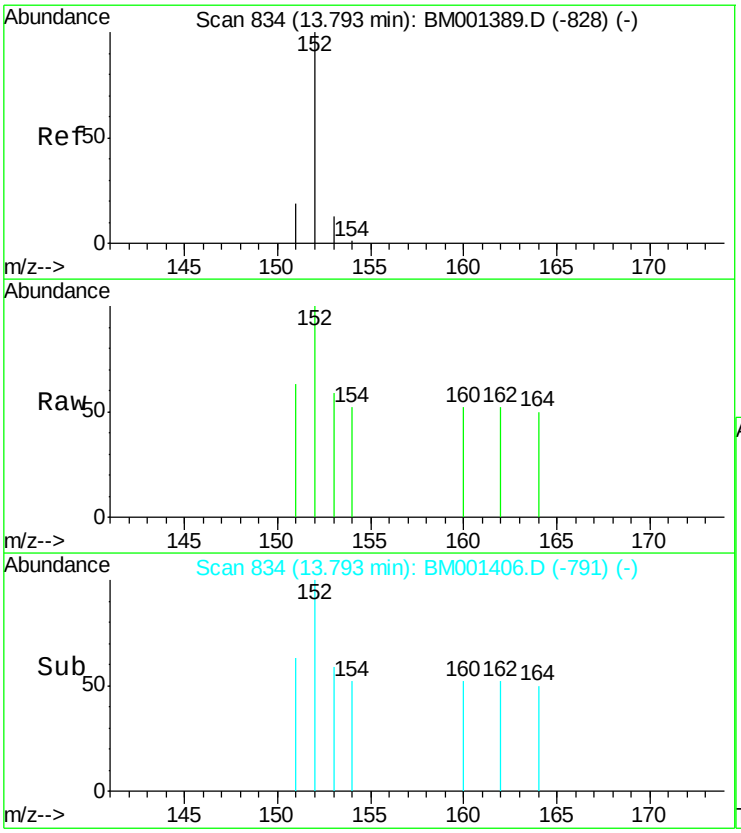
#14
2-Fluorobiphenyl
Concen: 6.93 ng
RT: 12.69 min Scan# 733
Delta R.T. 0.00 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Instrument :
BNA_M
ClientSampleId :
RAV-GT-106

Tgt Ion:172 Resp: 45328

Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.4	44.0
170	21.3	20.2	30.4

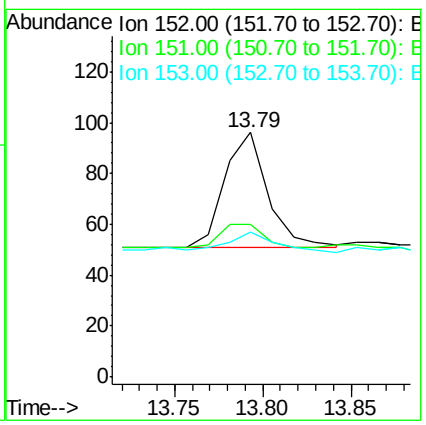


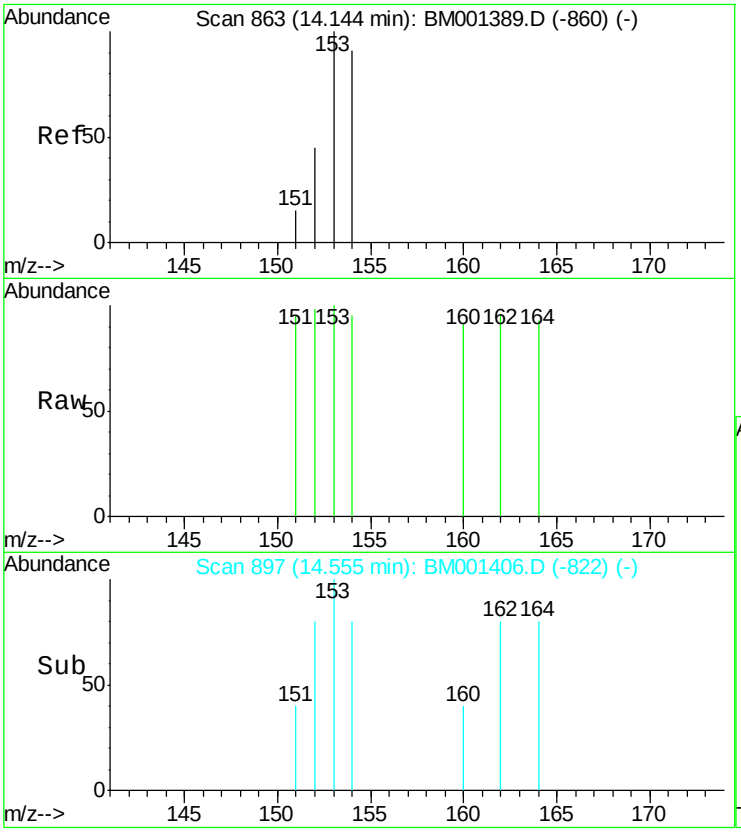


#15
Acenaphthylene
Concen: 0.01 ng
RT: 13.79 min Scan# 834
Delta R.T. 0.00 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Tgt Ion:152 Resp: 77

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



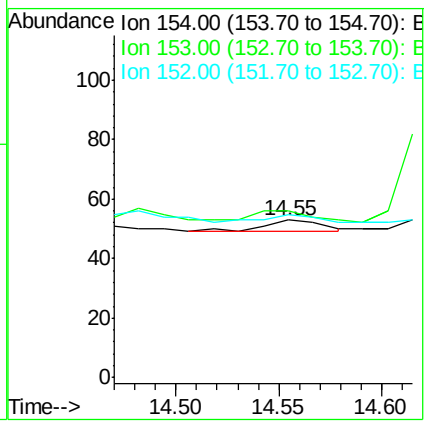


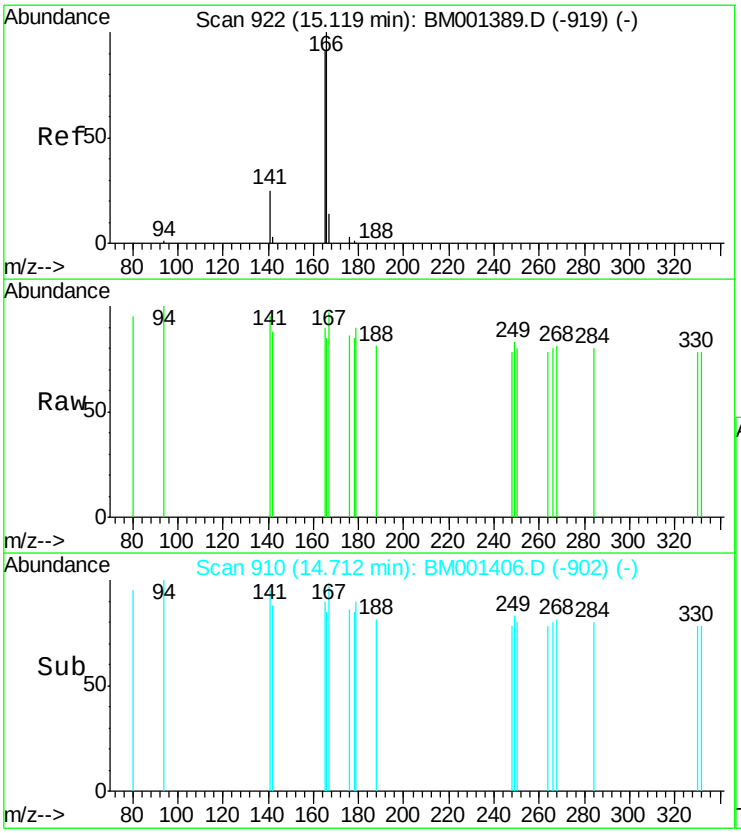
#16
Acenaphthene
Concen: 0.00 ng
RT: 14.55 min Scan# 897
Delta R.T. 0.41 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Instrument :
BNA_M
ClientSampleId :
RAV-GT-106

Tgt Ion:154 Resp: 8

Ion	Ratio	Lower	Upper
154	100		
153	100.0	91.4	137.2
152	62.5	44.0	66.0

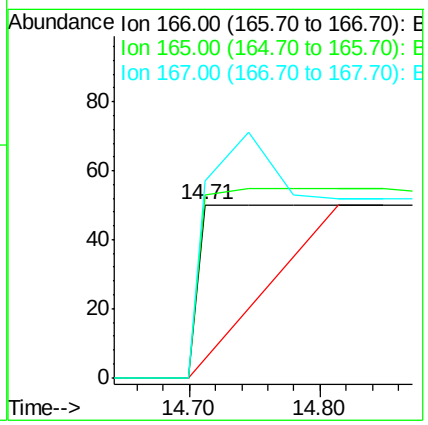


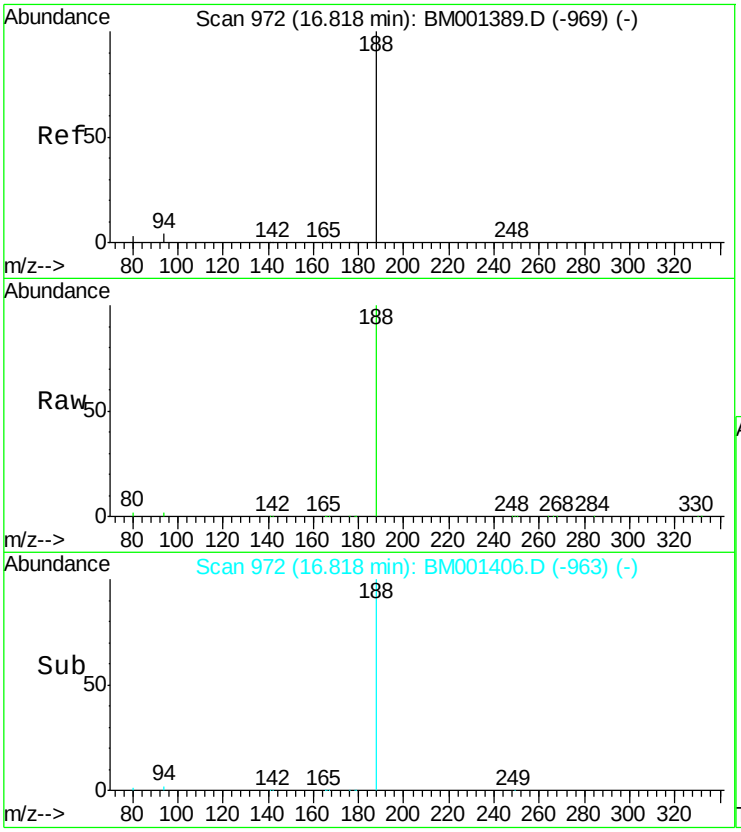


#17
Fluorene
Concen: 0.08 ng
RT: 14.71 min Scan# 910
Delta R.T. -0.41 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Tgt Ion:166 Resp: 171

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



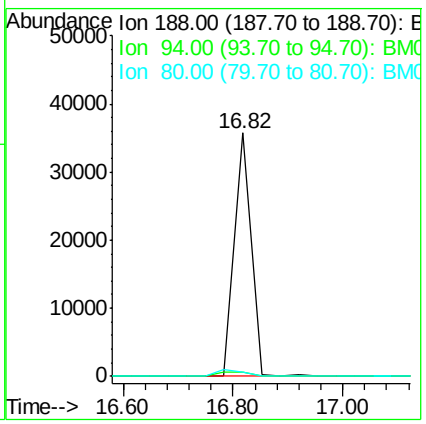


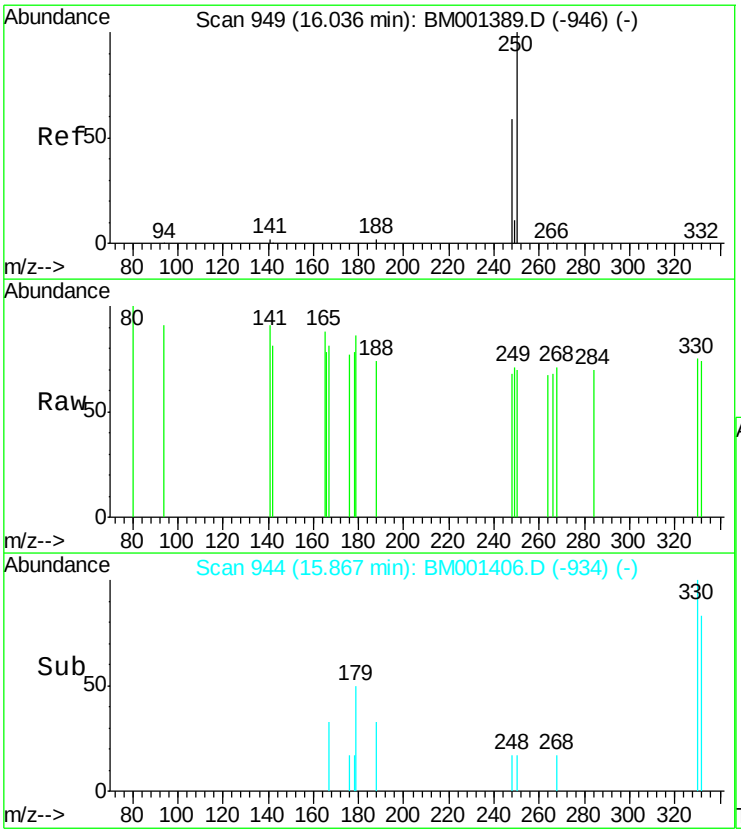
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.82 min Scan# 972
Delta R.T. 0.00 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Instrument :
BNA_M
ClientSampleId :
RAV-GT-106

Tgt Ion:188 Resp: 74055

Ion	Ratio	Lower	Upper
188	100		
94	1.9	3.0	4.4#
80	1.6	2.5	3.7#

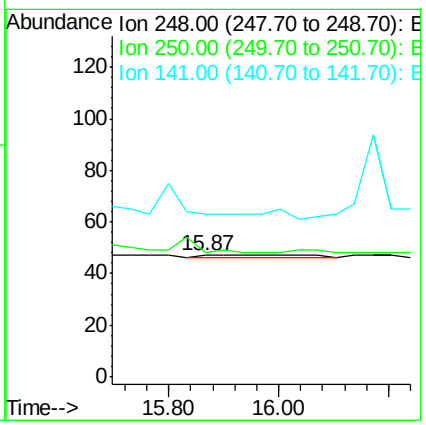


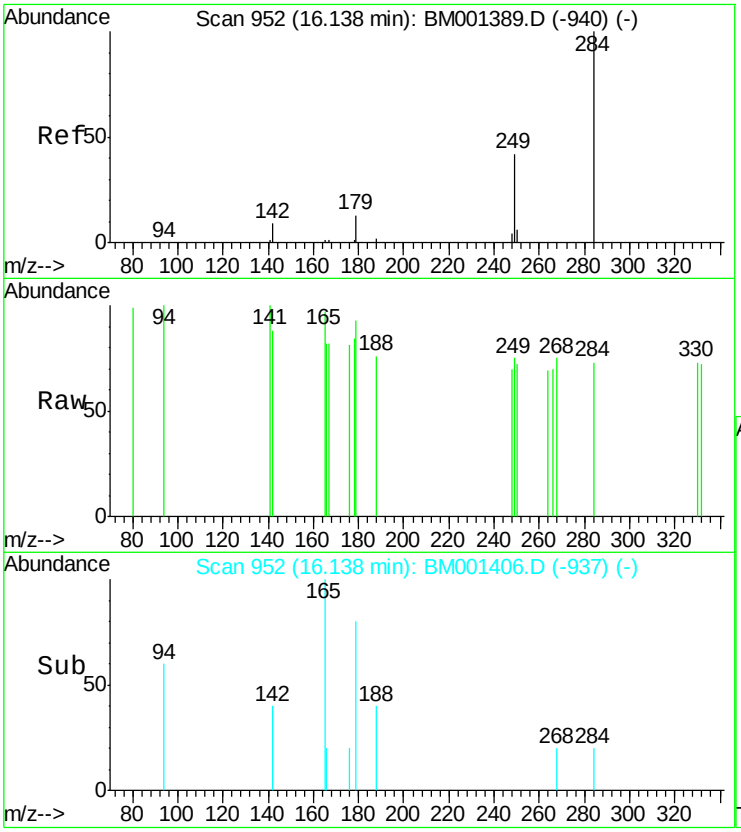


#19
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 15.87 min Scan# 944
Delta R.T. -0.17 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Tgt Ion:248 Resp: 14

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



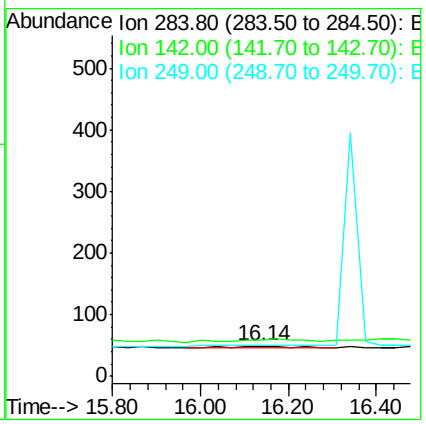


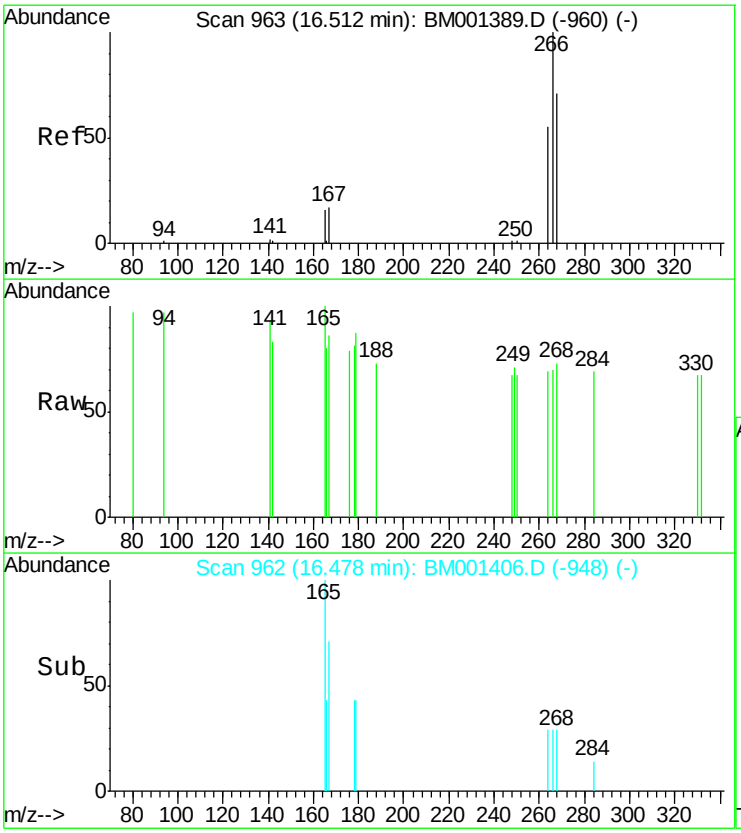
#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.14 min Scan# 952
Delta R.T. 0.00 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Instrument :
BNA_M
ClientSampleId :
RAV-GT-106

Tgt Ion:284 Resp: 12

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

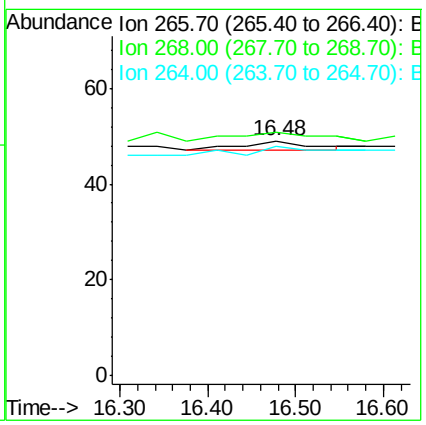


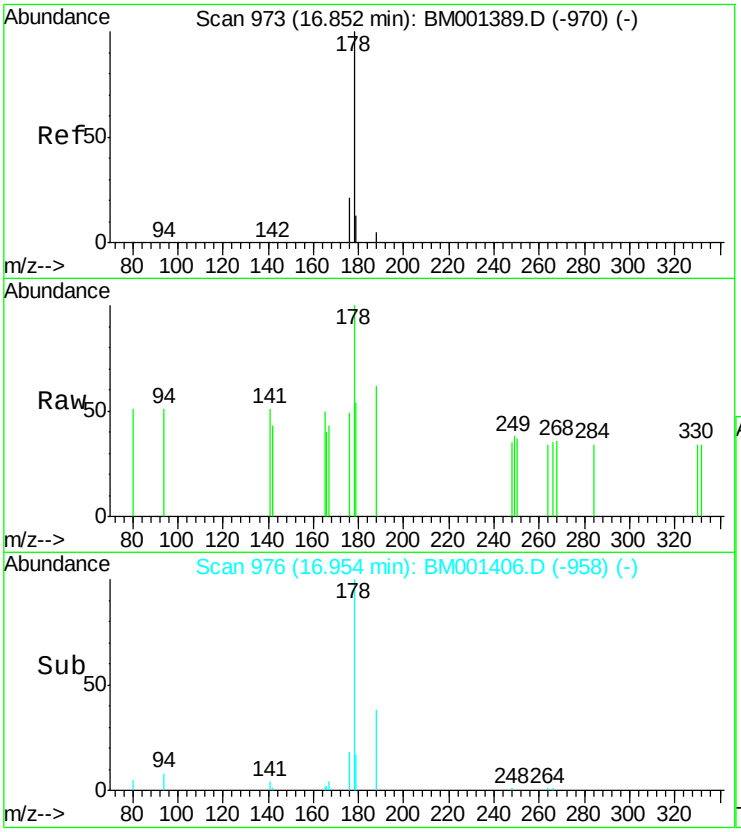


#21
Pentachlorophenol
Concen: Below Cal
RT: 16.48 min Scan# 962
Delta R.T. -0.03 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Tgt Ion:266 Resp: 12

Ion	Ratio	Lower	Upper
266	100		
268	104.1	63.0	94.4#
264	98.0	52.8	79.2#



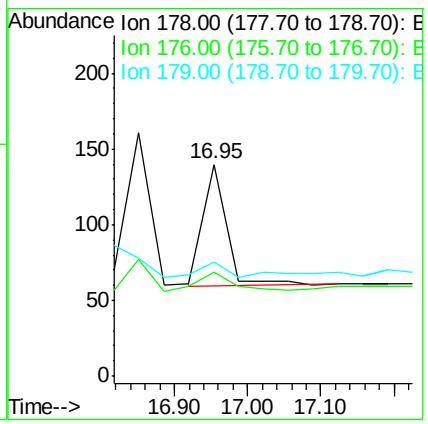


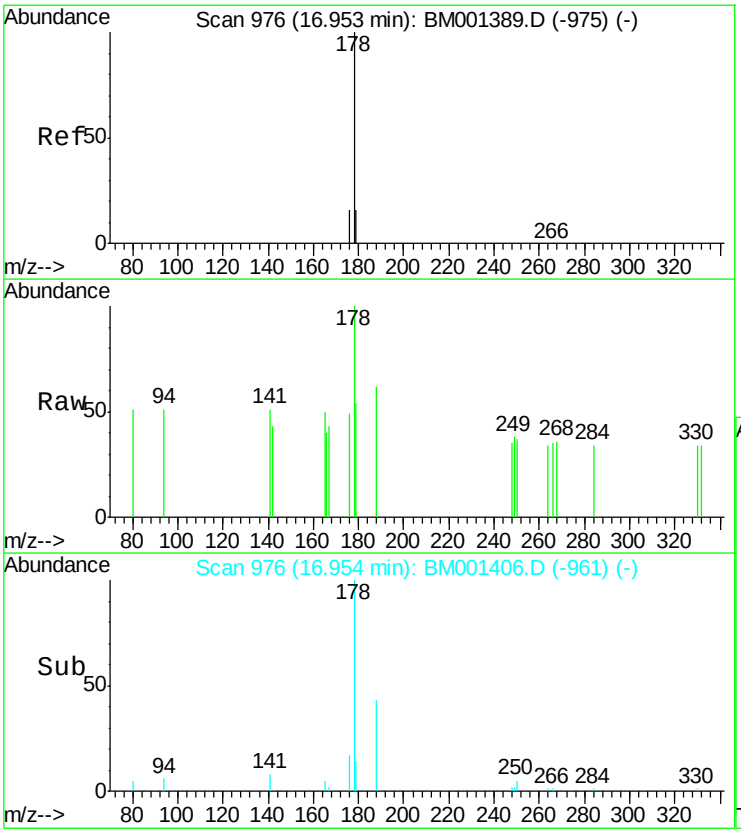
#22
Phenanthrene
Concen: Below Cal
RT: 16.95 min Scan# 976
Delta R.T. 0.10 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Instrument :
BNA_M
ClientSampleId :
RAV-GT-106

Tgt Ion:178 Resp: 183

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.8	25.2
179	12.0	11.0	16.4

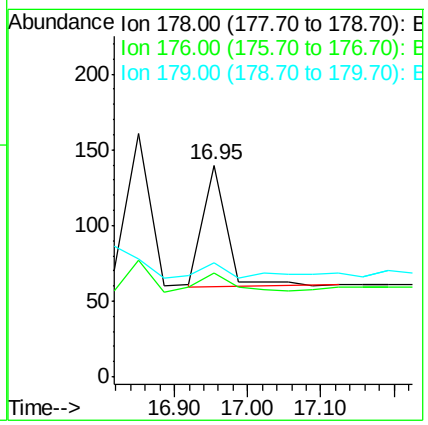


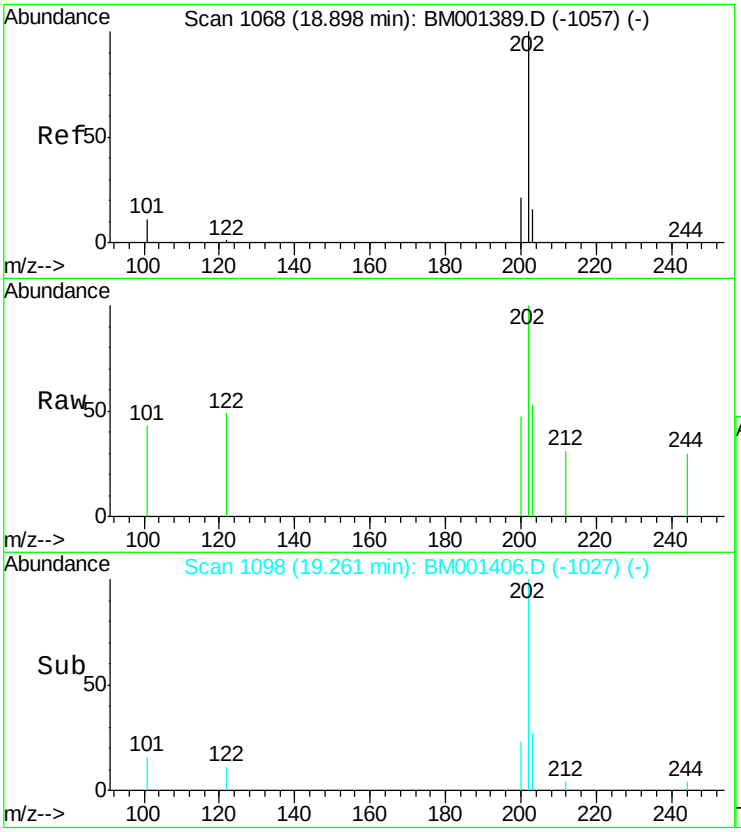


#23
Anthracene
Concen: 0.01 ng
RT: 16.95 min Scan# 976
Delta R.T. 0.00 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Tgt Ion:178 Resp: 183

Ion	Ratio	Lower	Upper
178	100		
176	16.9	13.1	19.7
179	12.0	12.8	19.2#



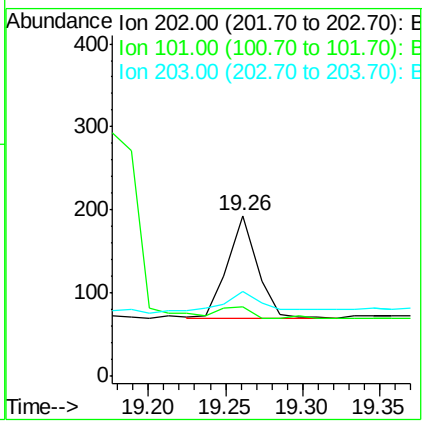


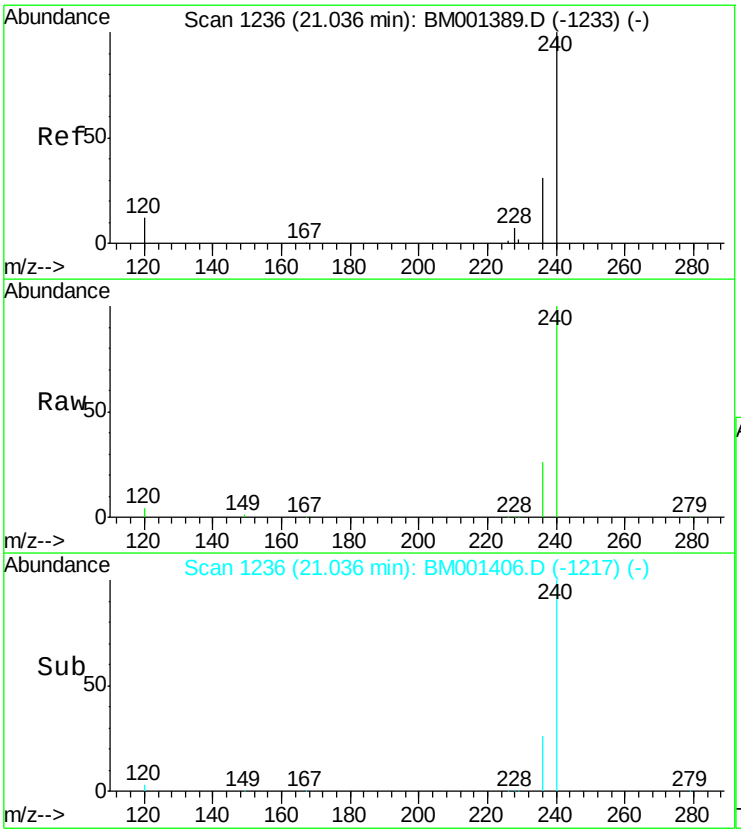
#24
Fluoranthene
Concen: 0.01 ng
RT: 19.26 min Scan# 1098
Delta R.T. 0.36 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Instrument :
BNA_M
ClientSampleId :
RAV-GT-106

Tgt Ion:202 Resp: 169

Ion	Ratio	Lower	Upper
202	100		
101	11.8	8.6	12.8
203	20.1	13.8	20.6

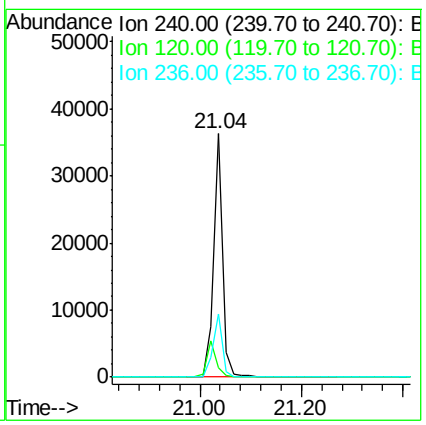


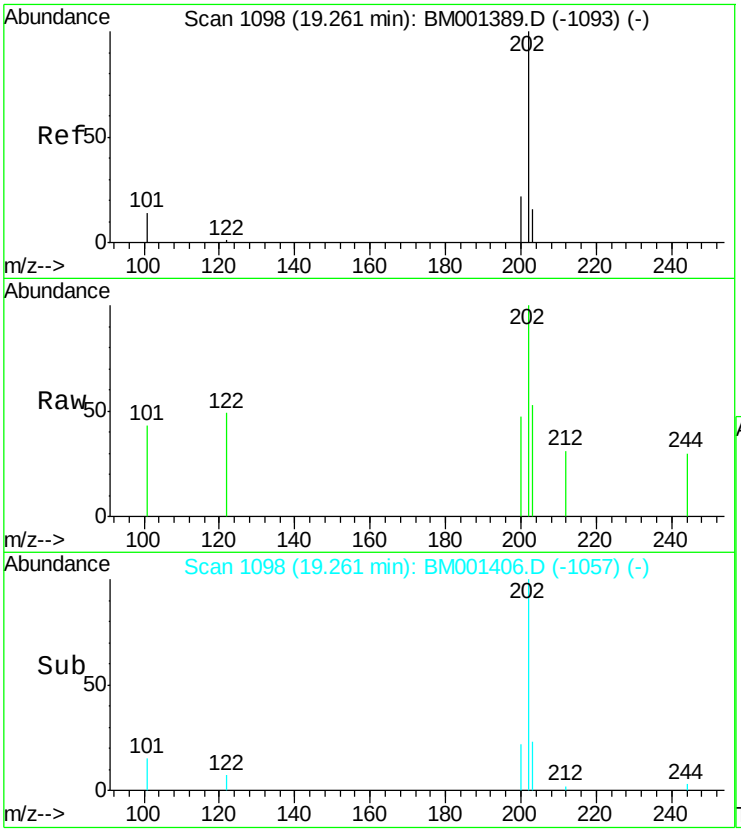


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.04 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Tgt Ion:240 Resp: 44845

Ion	Ratio	Lower	Upper
240	100		
120	3.6	9.7	14.5#
236	25.7	24.8	37.2



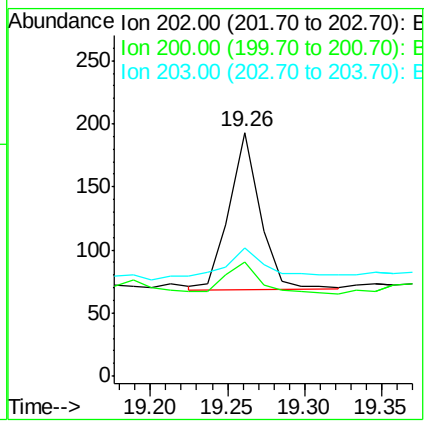


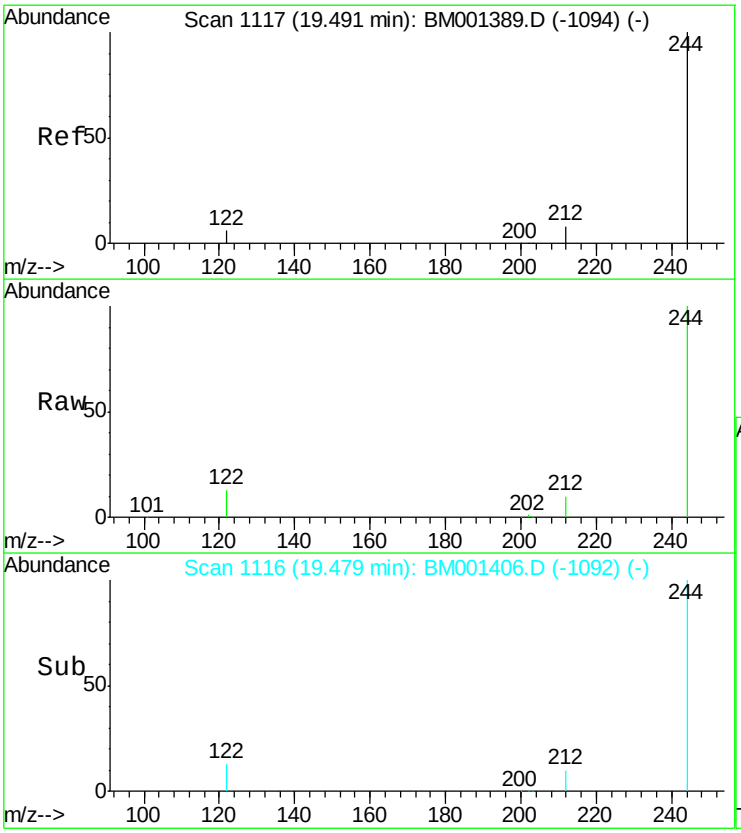
#26
Pyrene
Concen: 0.01 ng
RT: 19.26 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Instrument :
BNA_M
ClientSampleId :
RAV-GT-106

Tgt Ion:202 Resp: 174

Ion	Ratio	Lower	Upper
202	100		
200	23.0	16.4	24.6
203	31.0	13.9	20.9#

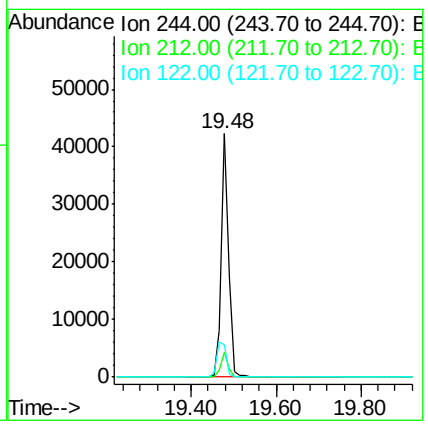


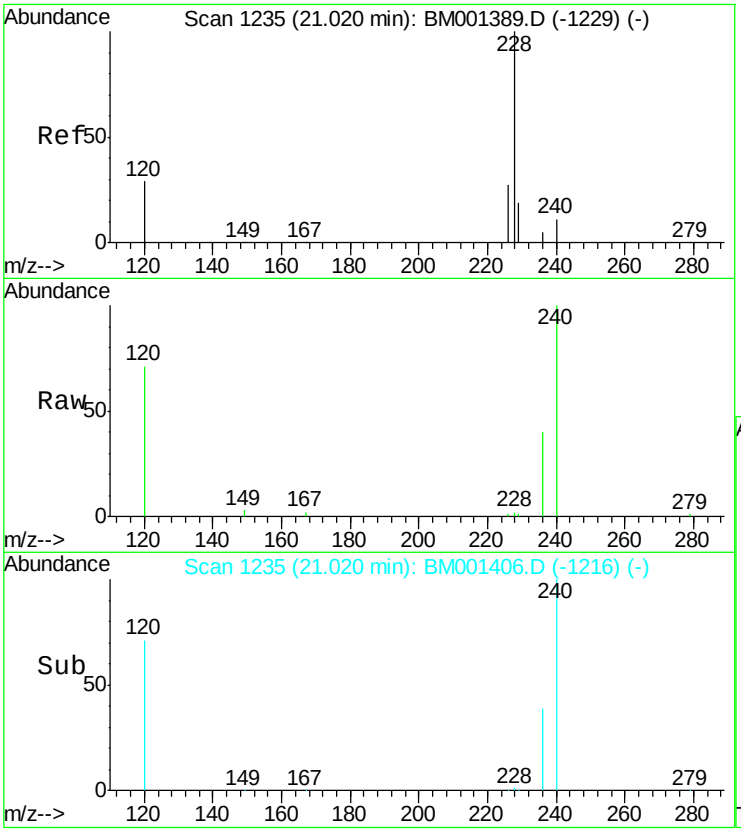


#27
Terphenyl-d14
Concen: 8.32 ng
RT: 19.48 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Tgt Ion:244 Resp: 50488

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.2	10.8
122	13.3	5.1	7.7#



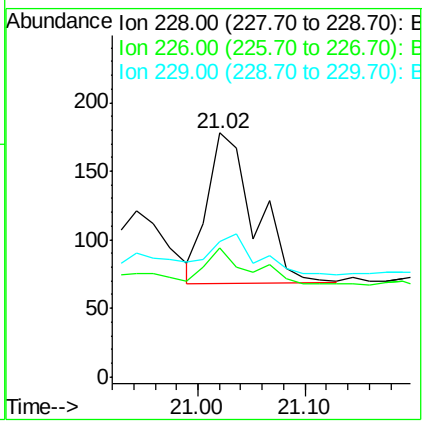


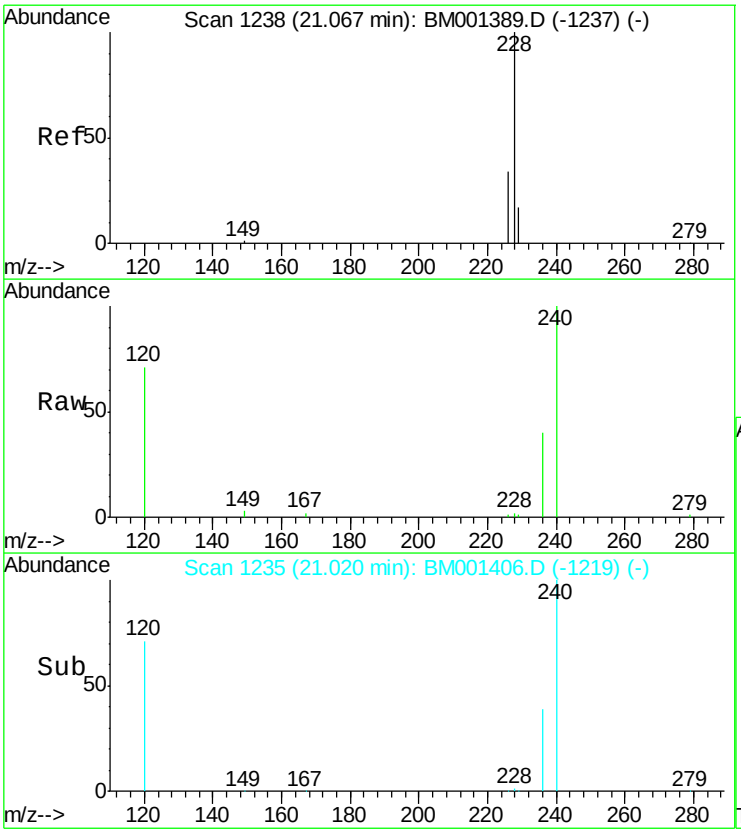
#28
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.02 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Instrument :
BNA_M
ClientSampleId :
RAV-GT-106

Tgt Ion:228 Resp: 338

Ion	Ratio	Lower	Upper
228	100		
226	52.8	21.9	32.9#
229	55.6	15.1	22.7#

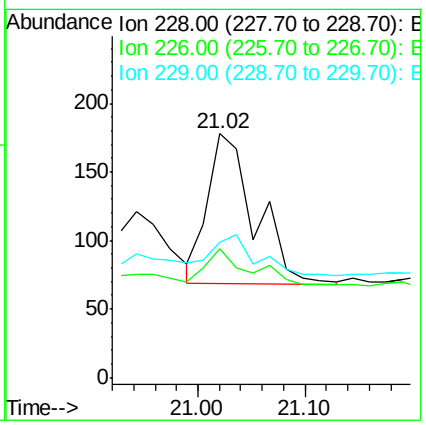


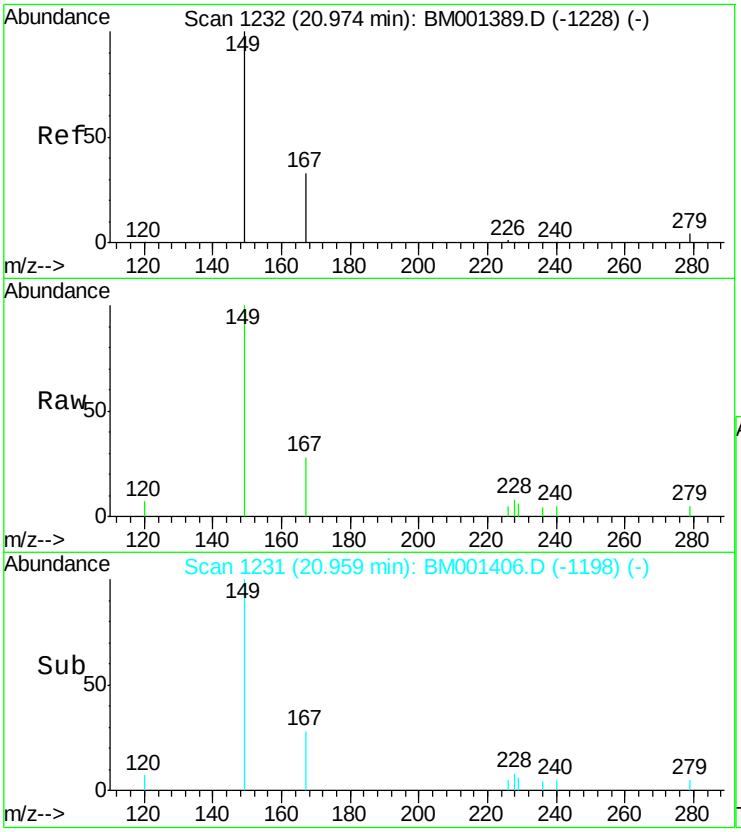


#29
Chrysene
Concen: 0.03 ng
RT: 21.02 min Scan# 1235
Delta R.T. -0.05 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Tgt Ion:228 Resp: 338

Ion	Ratio	Lower	Upper
228	100		
226	52.8	27.6	41.4#
229	55.6	13.6	20.4#



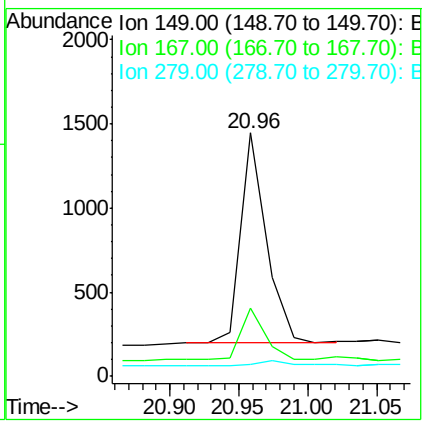


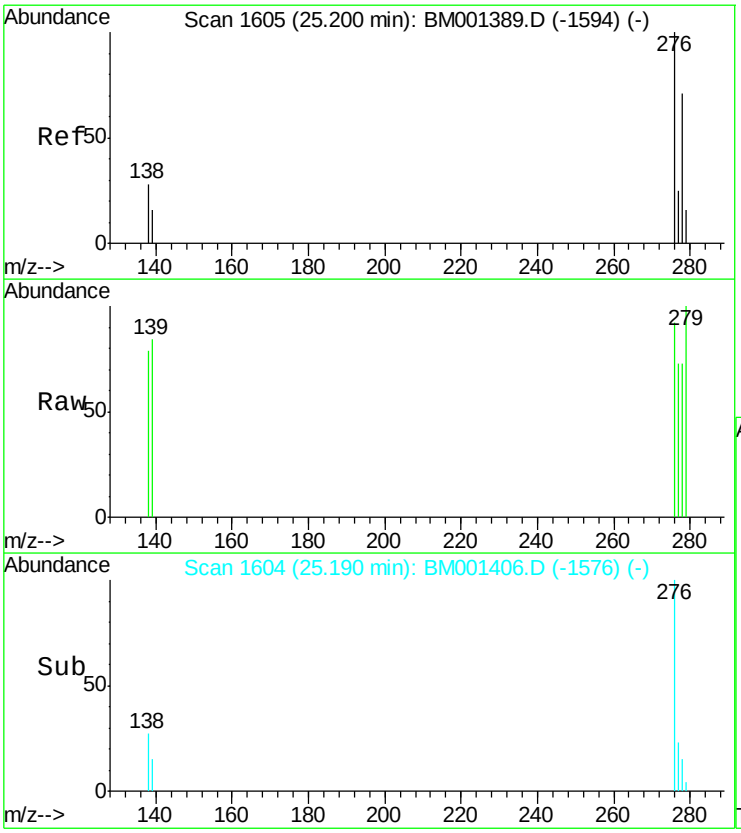
#30
Bis(2-ethylhexyl)phthalate
Concen: 0.23 ng
RT: 20.96 min Scan# 1231
Delta R.T. -0.02 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Instrument :
BNA_M
ClientSampleId :
RAV-GT-106

Tgt Ion:149 Resp: 1623

Ion	Ratio	Lower	Upper
149	100		
167	23.2	21.0	31.6
279	2.5	2.2	3.2

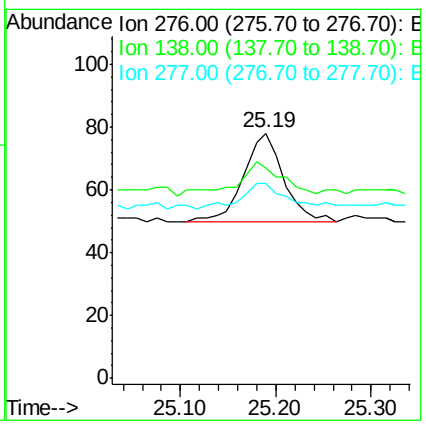


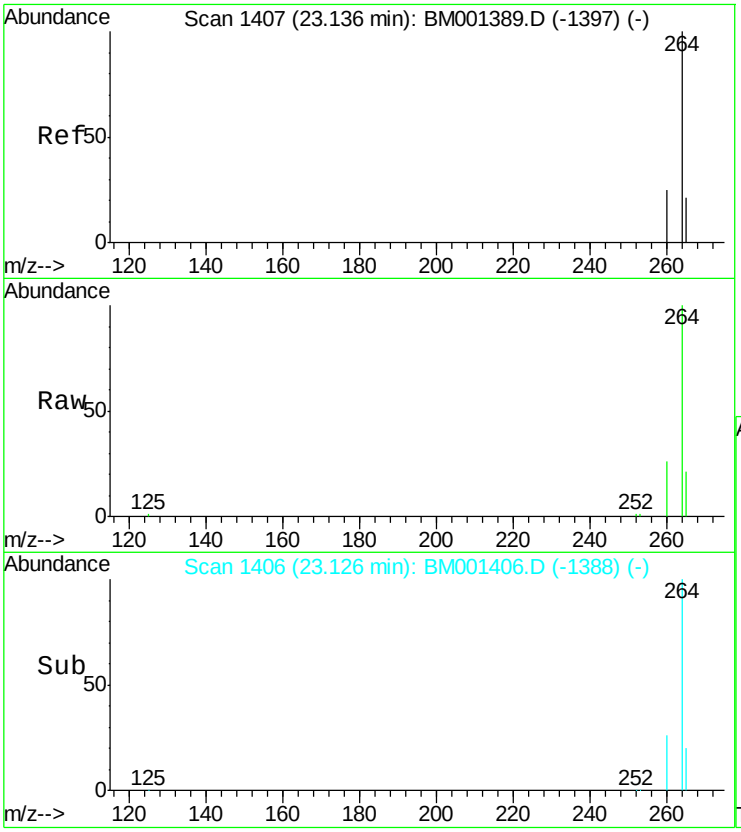


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.01 ng
RT: 25.19 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Tgt Ion:276 Resp: 81

Ion	Ratio	Lower	Upper
276	100		
138	45.7	23.4	35.0#
277	34.6	19.5	29.3#



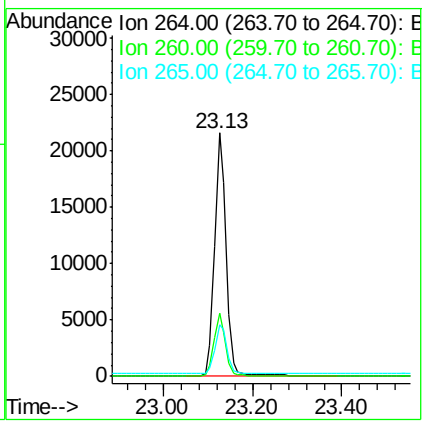


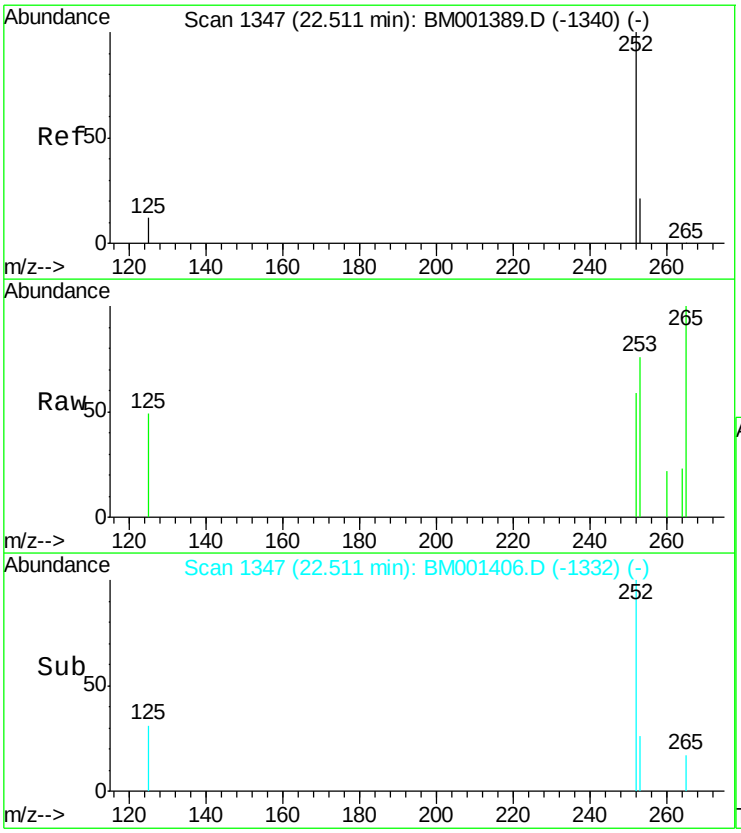
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.13 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Instrument :
BNA_M
ClientSampleId :
RAV-GT-106

Tgt Ion:264 Resp: 38118

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.1	30.1
265	21.3	17.1	25.7

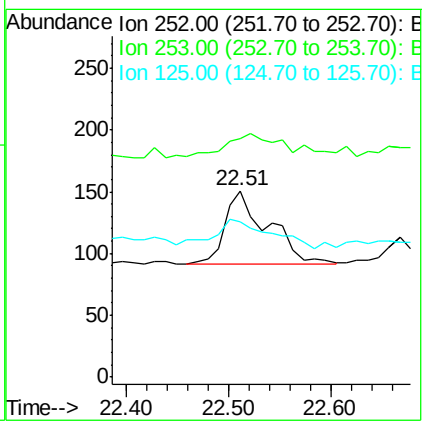


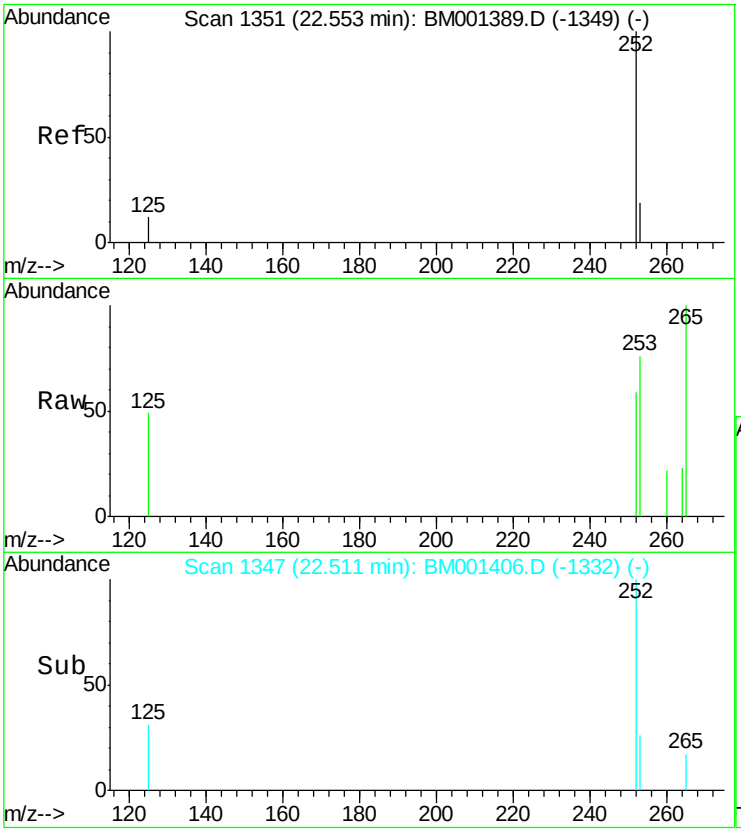


#33
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 22.51 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Tgt Ion:252 Resp: 176

Ion	Ratio	Lower	Upper
252	100		
253	127.8	17.4	26.0#
125	83.4	10.2	15.4#



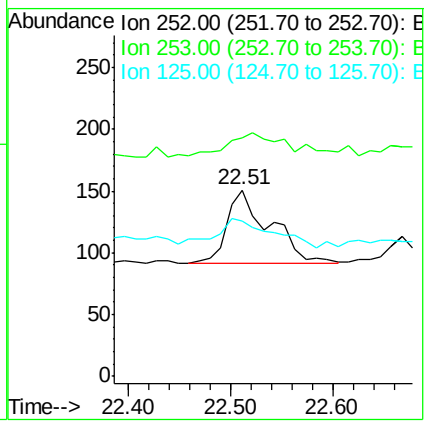


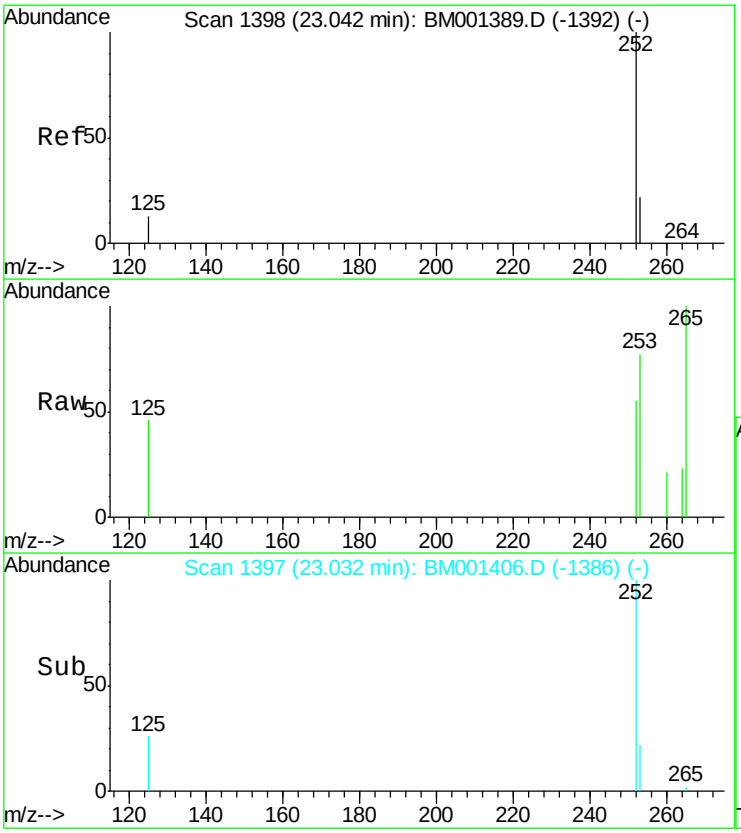
#34
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.51 min Scan# 1347
Delta R.T. -0.04 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Instrument :
BNA_M
ClientSampleId :
RAV-GT-106

Tgt Ion:252 Resp: 176

Ion	Ratio	Lower	Upper
252	100		
253	127.8	17.6	26.4#
125	83.4	9.7	14.5#

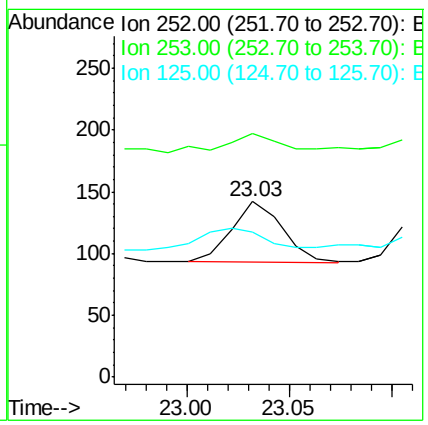


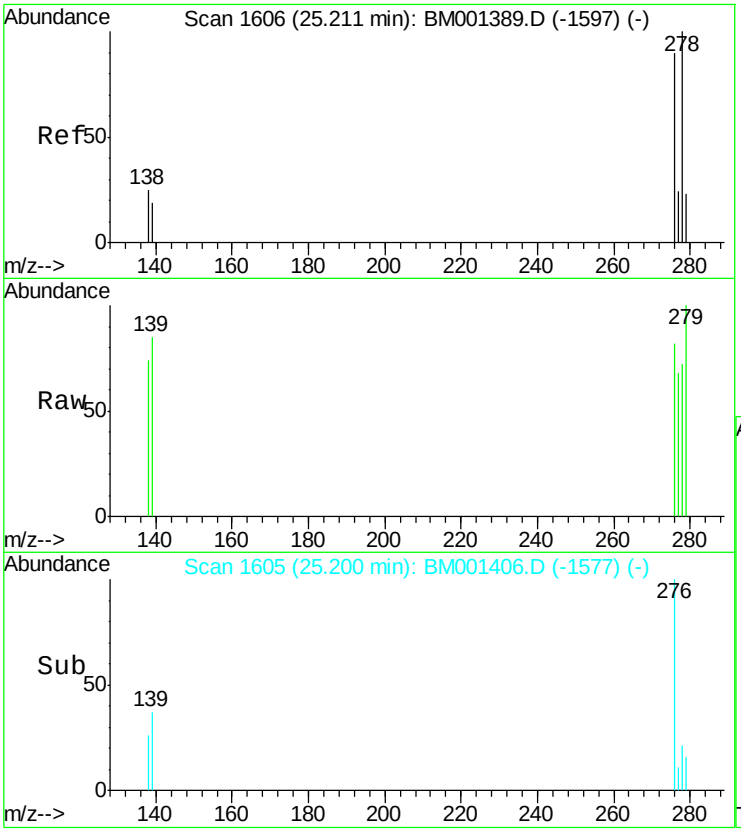


#35
Benzo(a)pyrene
Concen: 0.01 ng
RT: 23.03 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Tgt Ion:252 Resp: 83

Ion	Ratio	Lower	Upper
252	100		
253	138.7	18.6	28.0#
125	82.4	10.7	16.1#



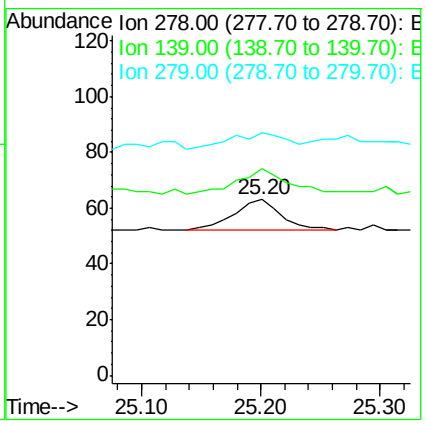


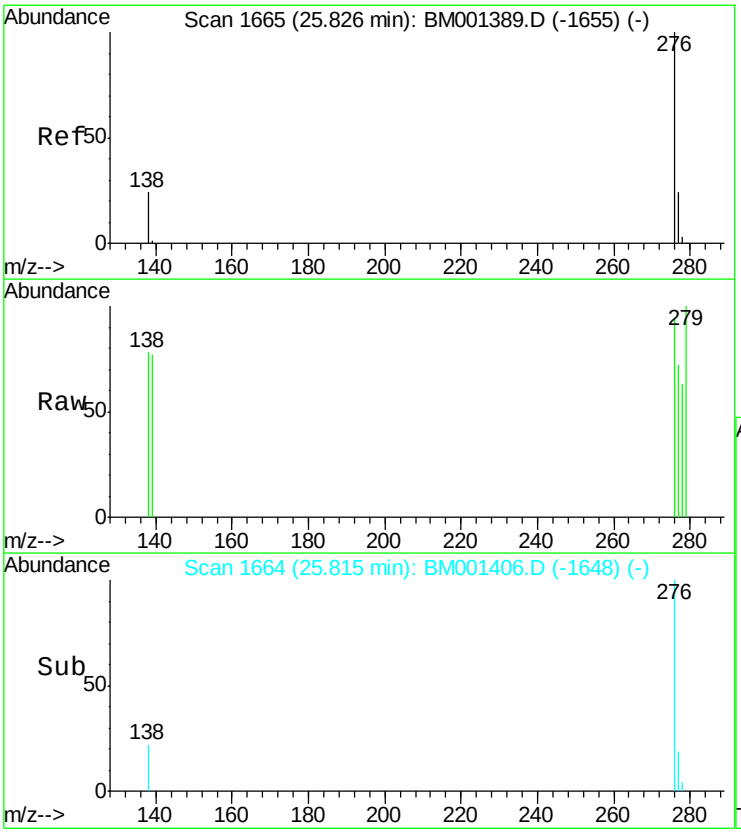
#36
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 25.20 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Instrument :
BNA_M
ClientSampleId :
RAV-GT-106

Tgt Ion:278 Resp: 31

Ion	Ratio	Lower	Upper
278	100		
139	117.5	15.7	23.5#
279	138.1	19.4	29.2#





#37
Benzo(g,h,i)perylene
Concen: 0.01 ng
RT: 25.82 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Tgt Ion:276 Resp: 79

Ion	Ratio	Lower	Upper
276	100		
277	76.9	19.8	29.6#
138	83.3	20.2	30.2#