Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052015\
Data File : BM001351.D
Acq On : 21 May 2015 08:36
Operator : TP/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Manual Integrations APPROVED
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5/21/2015 8:53:15 PM

Quant Time: May 21 11:04:13 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM052015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 21 08:43:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	15478	5.00	ng		0.00
6) Naphthalene-d8	10.20	136	63675	5.00	ng		0.00
12) Acenaphthene-d10	14.11	164	40505	5.00	ng		0.00
18) Phenanthrene-d10	16.85	188	76882	5.00	ng		0.00
25) Chrysene-d12	21.07	240	90718	5.00	ng		0.00
32) Perylene-d12	23.17	264	87122	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.02	112	5965	1.99	ng		0.00
5) Phenol-d6	6.61	99	7759	2.01	ng		0.00
7) Nitrobenzene-d5	8.59	82	7341	1.99	ng		0.00
13) 2,4,6-Tribromophenol	15.59	330	3279	2.62	ng		0.00
14) 2-Fluorobiphenyl	12.72	172	24361	2.06	ng		0.00
27) Terphenyl-d14	19.50	244	24385	2.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	2746	1.95	ng		91
3) n-Nitrosodimethylamine	3.21	42	3856	2.06	ng	#	98
8) Nitrobenzene	8.63	77	7913	2.04	ng		99
9) Naphthalene	10.25	128	27326	2.07	ng		99
10) Hexachlorobutadiene	10.54	225	5225	2.07	ng		99
11) 2-Methylnaphthalene	11.89	142	19741	2.10	ng		95
15) Acenaphthylene	13.82	152	36418	2.09	ng		100
16) Acenaphthene	14.17	154	21534	2.07	ng		100
17) Fluorene	15.15	166	15494	1.52	ng		98
19) 4-Bromophenyl-phenylether	16.04	248	9359	3.35	ng		96
20) Hexachlorobenzene	16.17	284	12418	2.46	ng	#	99
21) Pentachlorophenol	16.51	266	5077	2.80	ng		97
22) Phenanthrene	16.89	178	56851m	2.14	ng		
23) Anthracene	16.99	178	22206m	2.33	ng		
24) Fluoranthene	18.92	202	53770	2.72	ng		100
26) Pyrene	19.29	202	57091	2.14	ng		100
28) Benzo(a)anthracene	21.04	228	53981	2.19	ng		97
29) Chrysene	21.10	228	51402	2.16	ng		99
30) Bis(2-ethylhexyl)phthalate	20.99	149	27114	1.94	ng		100
31) Indeno(1,2,3-cd)pyrene	25.24	276	56505	2.12	ng		99
33) Benzo(b)fluoranthene	22.54	252	55866	2.20	ng		99
34) Benzo(k)fluoranthene	22.58	252	47379	1.95	ng		99
35) Benzo(a)pyrene	23.07	252	47243	2.09	ng		98
36) Dibenzo(a,h)anthracene	25.25	278	43874	2.07	ng		99
37) Benzo(g,h,i)perylene	25.88	276	46478	2.07	ng		100

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

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Sample : SSTDICC002
Misc :
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Instrument :
BNA_M
ClientSampleId :
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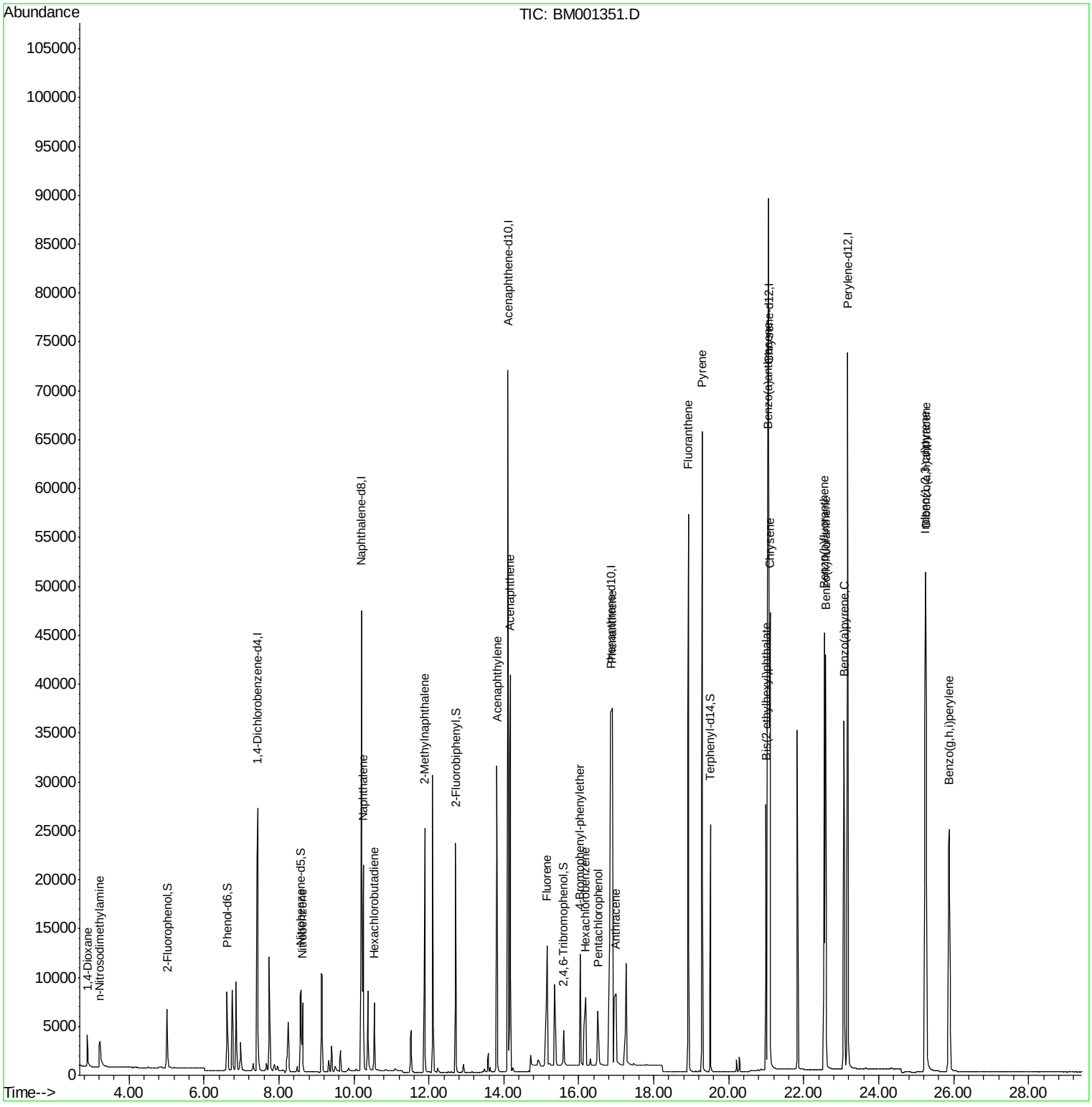
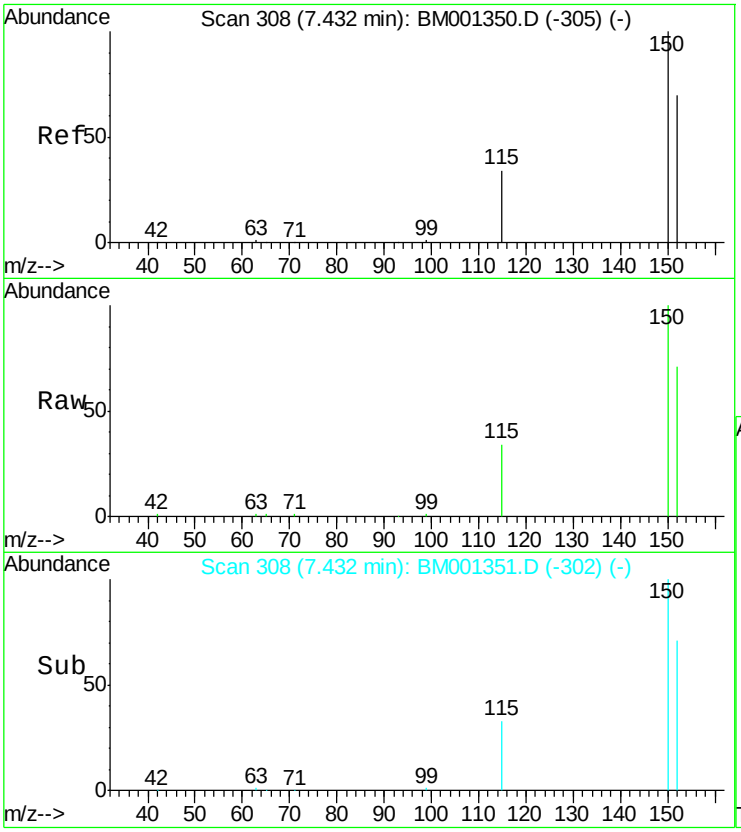
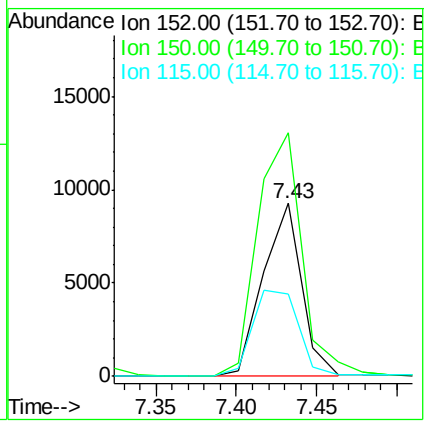




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.43 min Scan# 308
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:152 Resp: 15478

Ion	Ratio	Lower	Upper
152	100		
150	140.8	114.1	171.1
115	47.4	39.2	58.8



Instrument :
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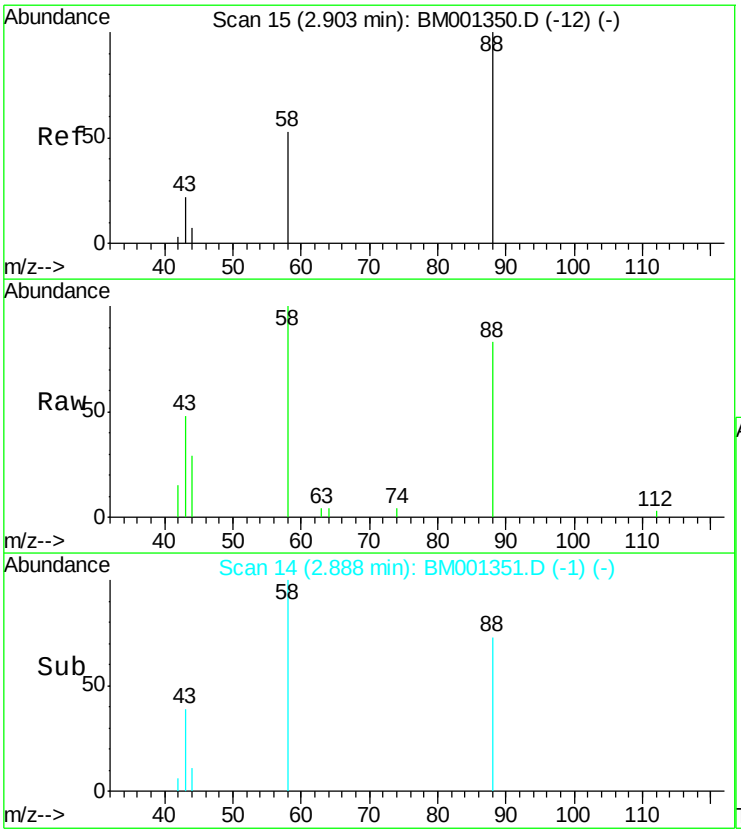
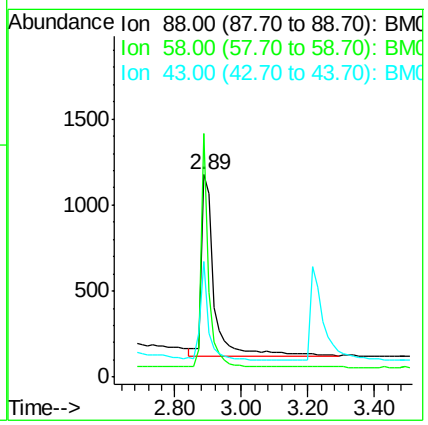
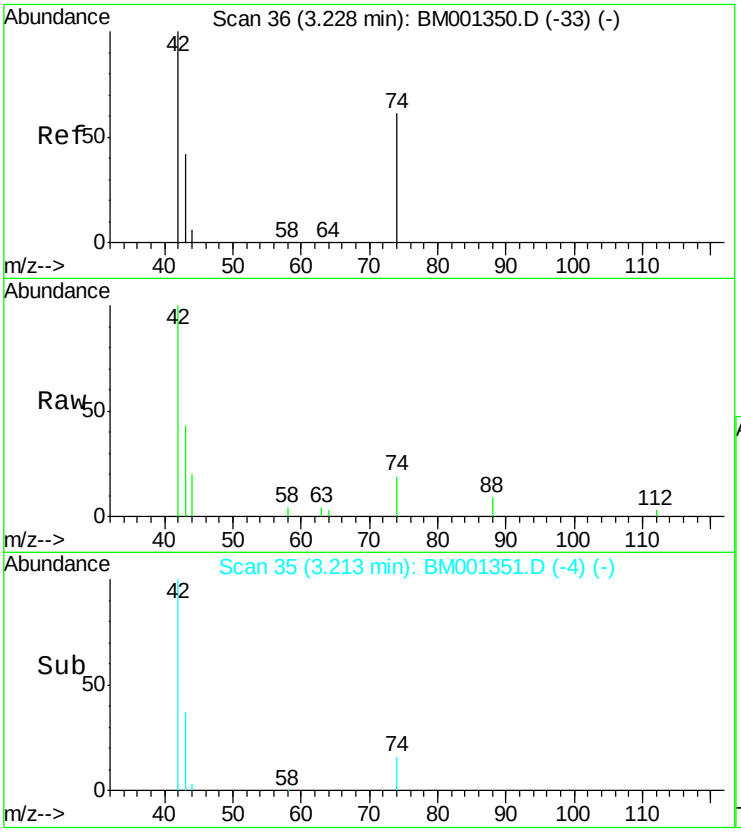


#2
1,4-Dioxane
Concen: 1.95 ng
RT: 2.89 min Scan# 14
Delta R.T. -0.02 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion: 88 Resp: 2746

Ion	Ratio	Lower	Upper
88	100		
58	74.5	53.1	79.7
43	38.3	27.8	41.8





#3
n-Nitrosodimethylamine
Concen: 2.06 ng
RT: 3.21 min Scan# 35
Delta R.T. -0.02 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion: 42 Resp: 3856

Ion	Ratio	Lower	Upper
42	100		
74	86.3	70.0	105.0
44	6.8	3.6	5.4#

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

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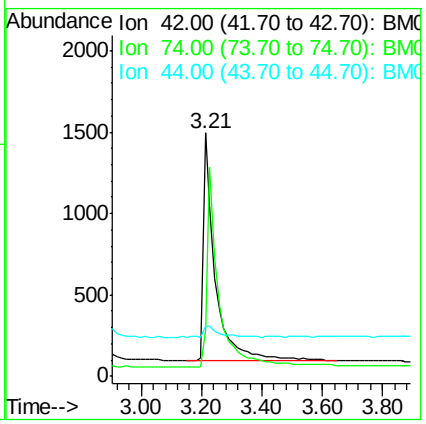
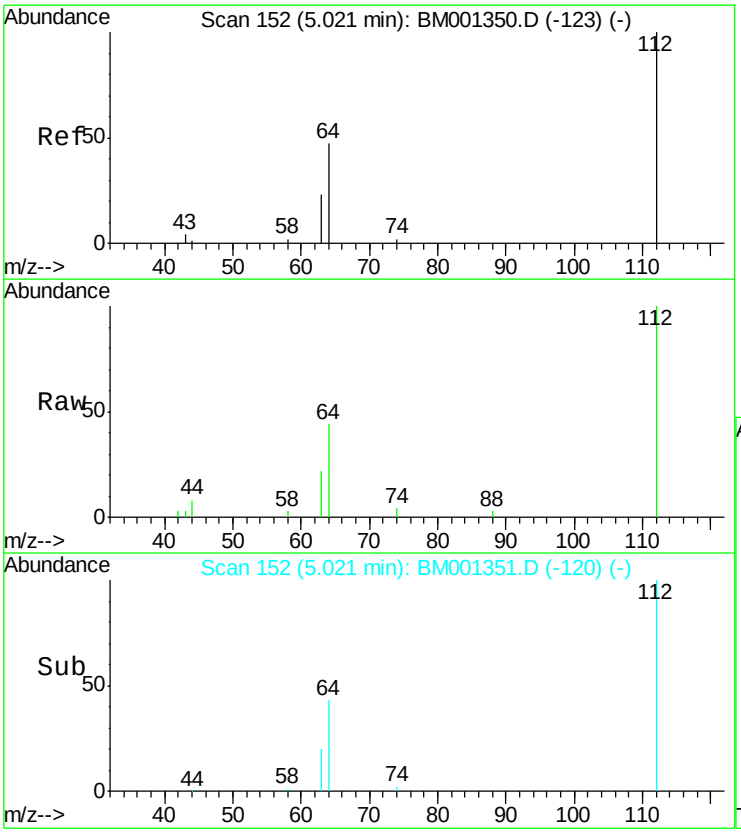
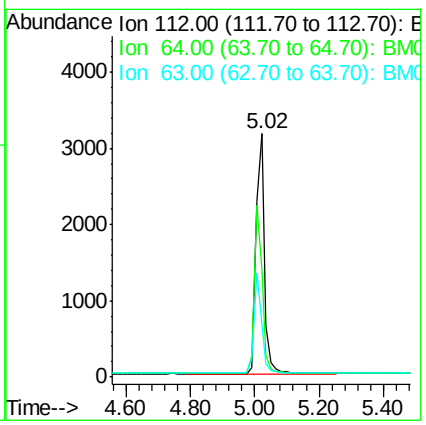


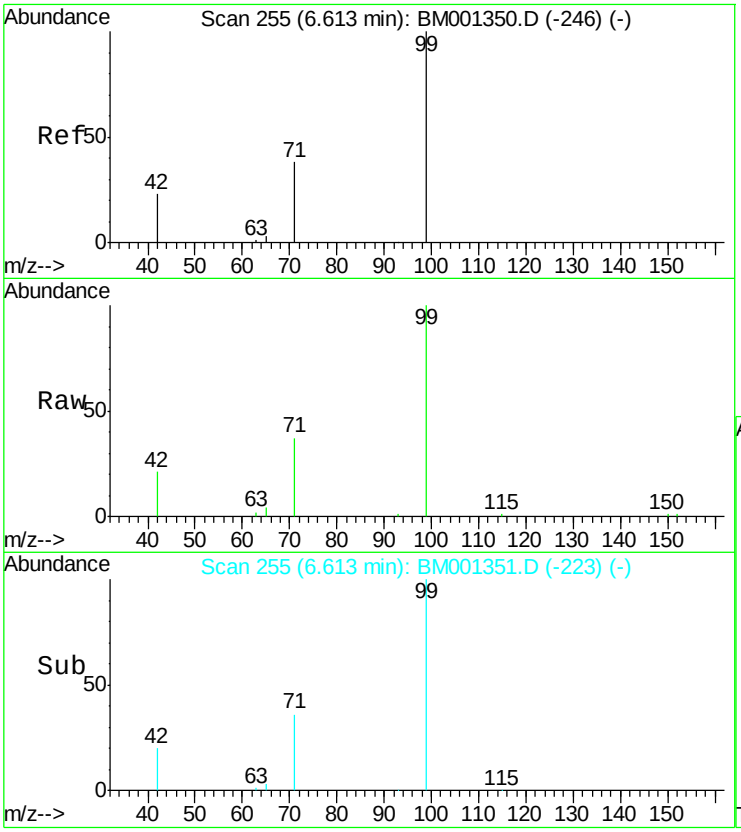


#4
2-Fluorophenol
Concen: 1.99 ng
RT: 5.02 min Scan# 152
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:112 Resp: 5965

Ion	Ratio	Lower	Upper
112	100		
64	65.0	52.9	79.3
63	36.8	29.6	44.4

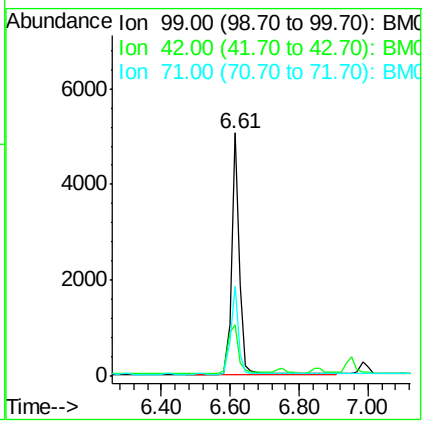




#5
Phenol-d6
Concen: 2.01 ng
RT: 6.61 min Scan# 255
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion: 99 Resp: 7759

Ion	Ratio	Lower	Upper
99	100		
42	26.4	21.4	32.2
71	36.7	29.0	43.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC002

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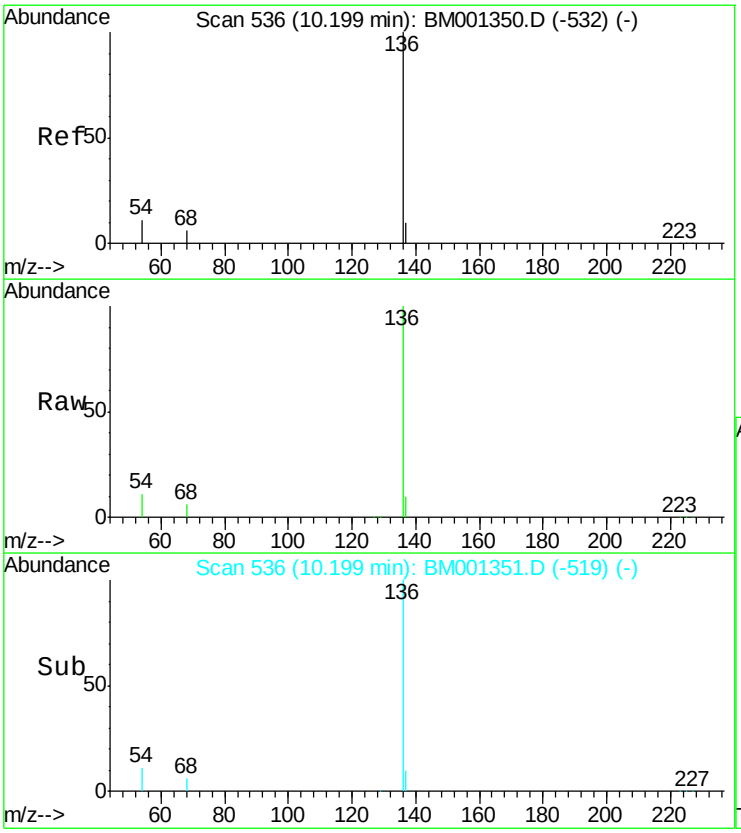
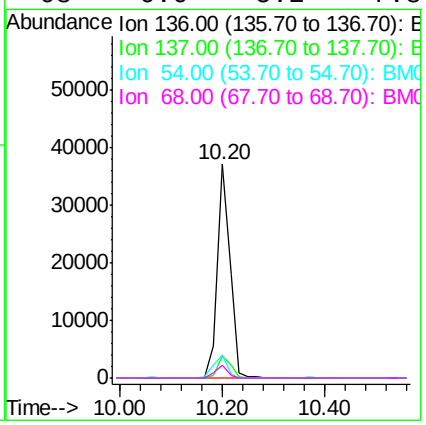
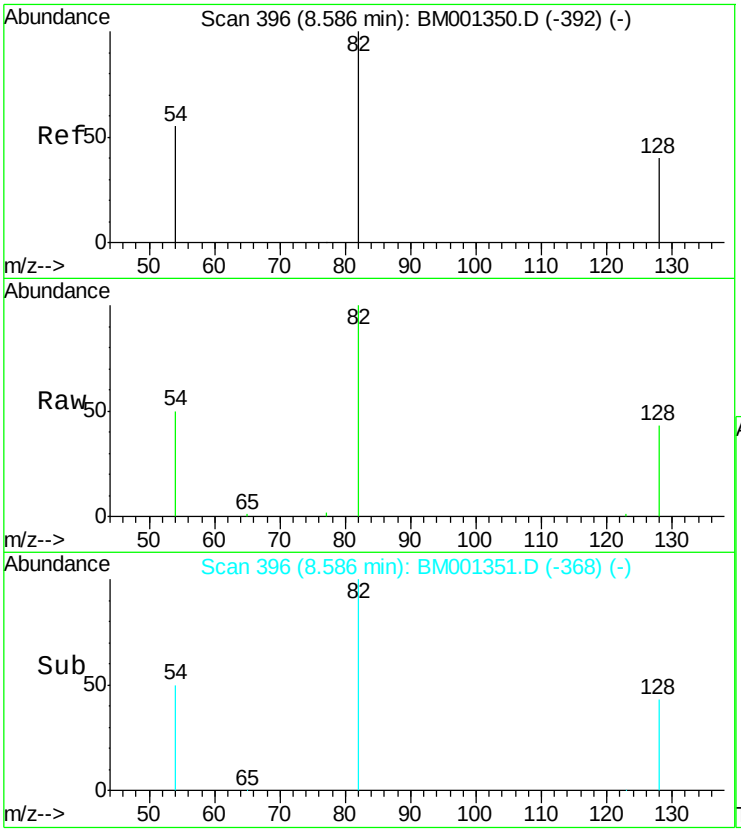


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.20 min Scan# 536
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:136 Resp: 63675

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	10.7	9.4	14.0
68	6.0	5.2	7.8

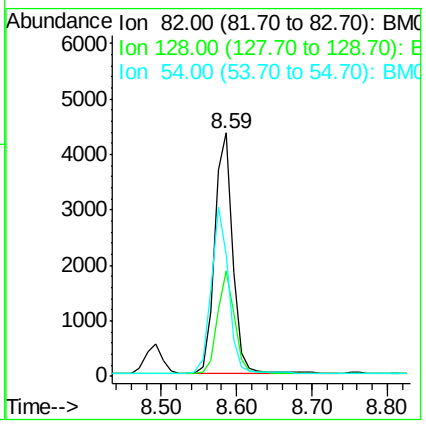




#7
Nitrobenzene-d5
Concen: 1.99 ng
RT: 8.59 min Scan# 396
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion: 82 Resp: 7341

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.5	50.3
54	50.4	45.1	67.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC002

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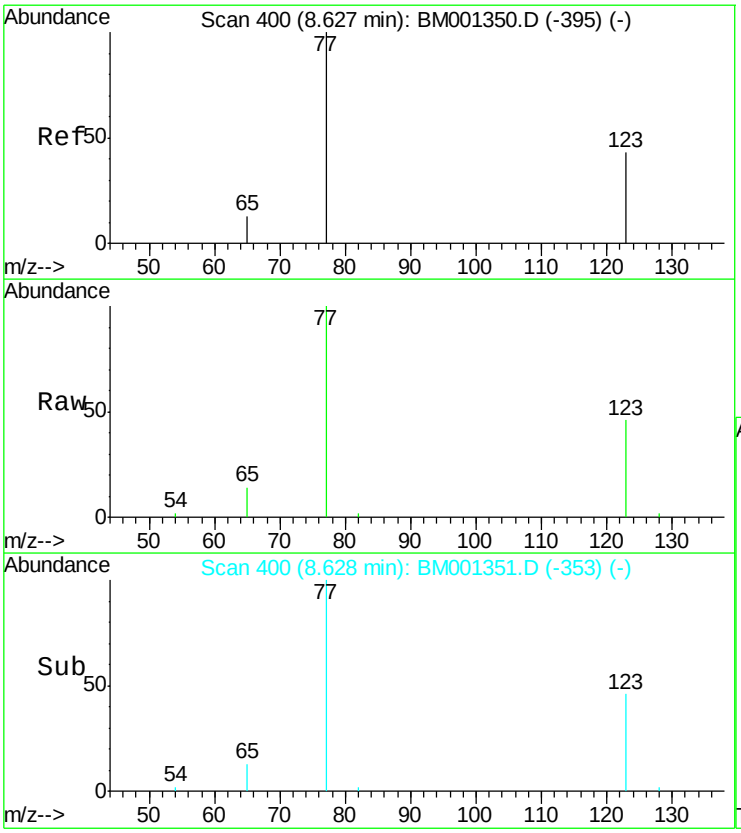
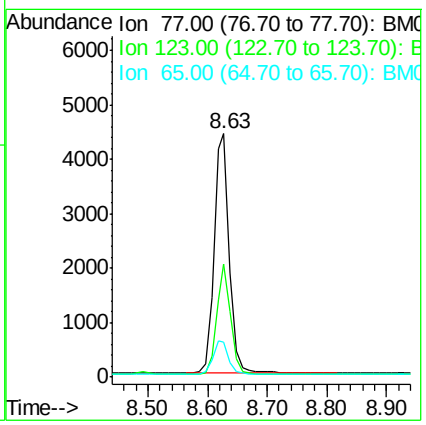
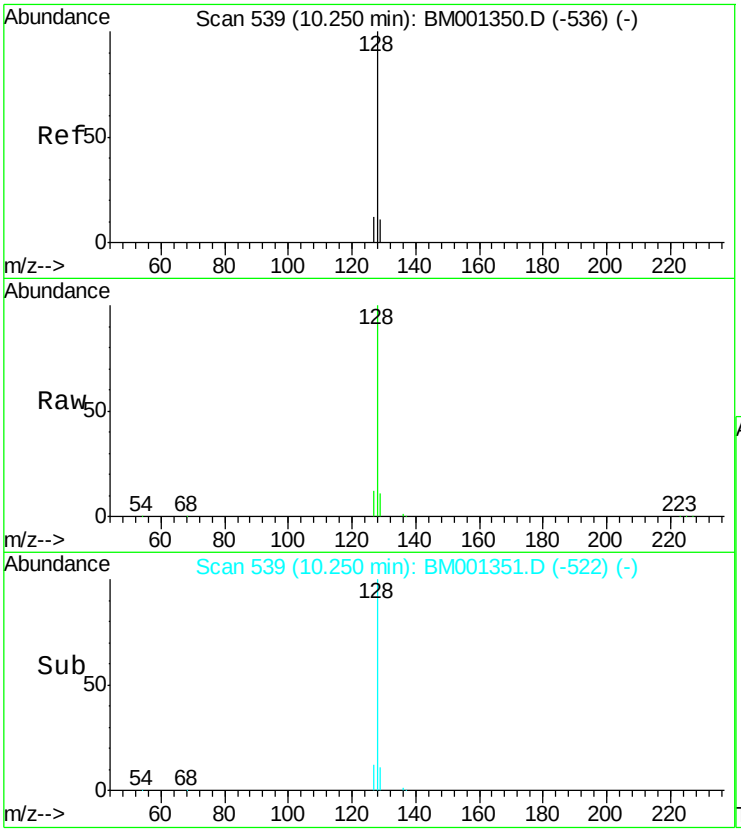


#8
Nitrobenzene
Concen: 2.04 ng
RT: 8.63 min Scan# 400
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion: 77 Resp: 7913

Ion	Ratio	Lower	Upper
77	100		
123	42.6	33.6	50.4
65	14.4	11.3	16.9

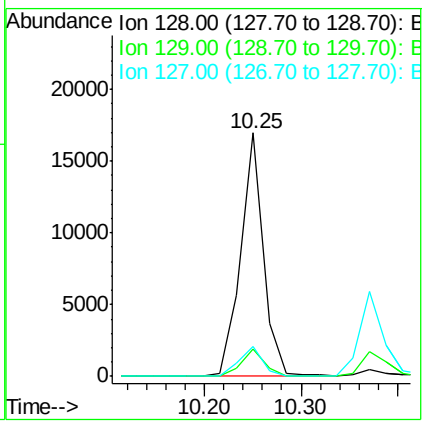




#9
Naphthalene
Concen: 2.07 ng
RT: 10.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:128 Resp: 27326

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	12.4	10.4	15.6



Instrument :
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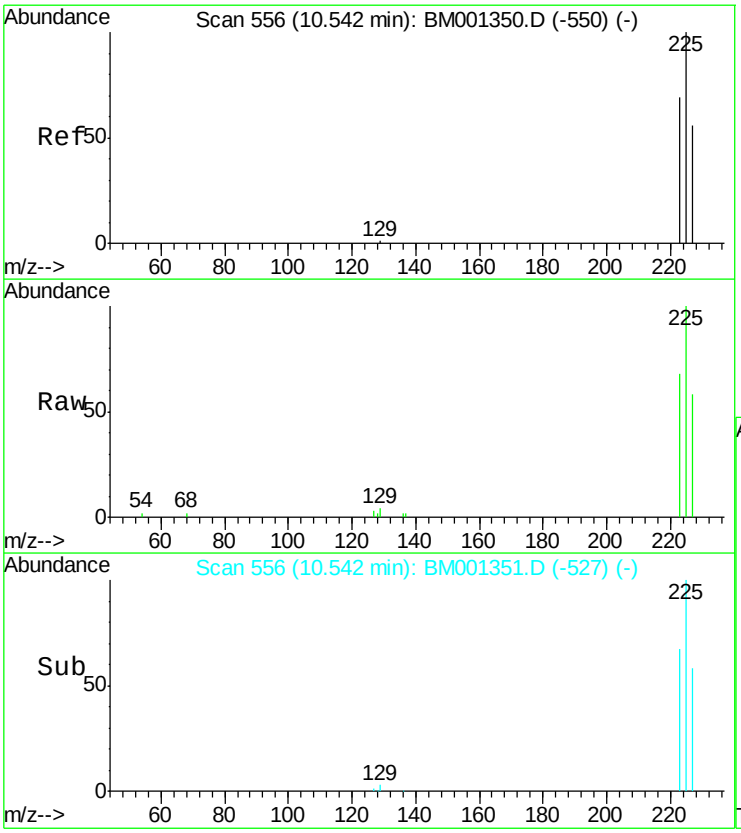
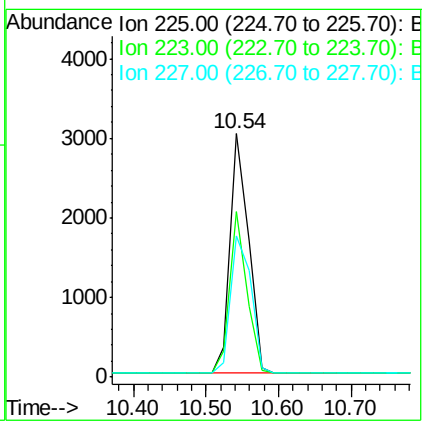
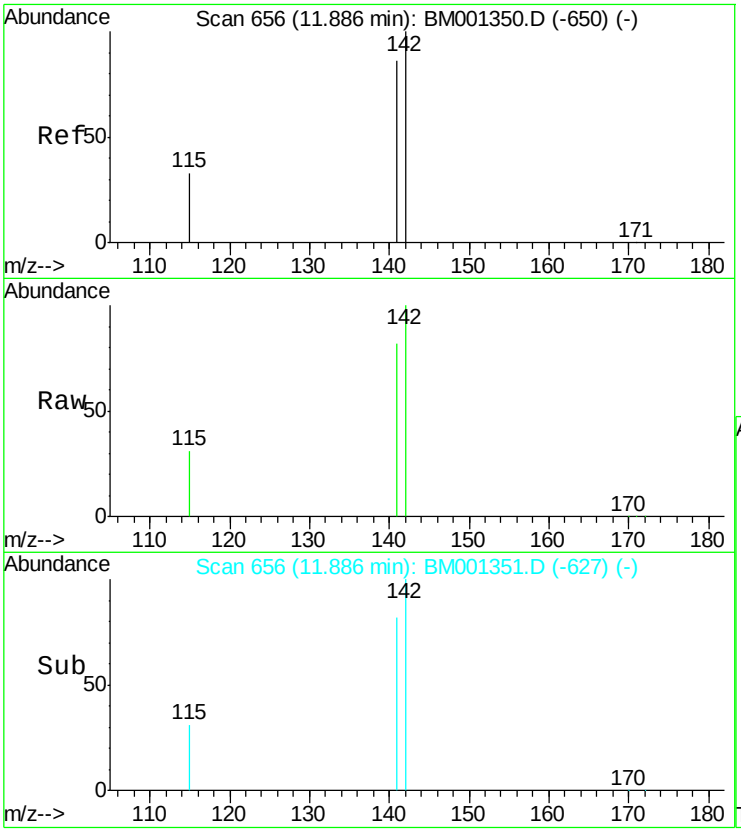


#10
Hexachlorobutadiene
Concen: 2.07 ng
RT: 10.54 min Scan# 556
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:225 Resp: 5225

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.3	75.5
227	63.9	50.6	75.8

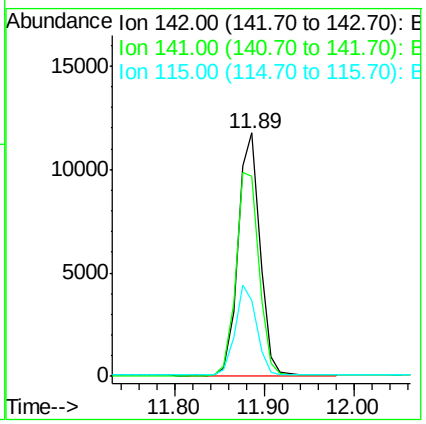




#11
2-Methylnaphthalene
Concen: 2.10 ng
RT: 11.89 min Scan# 656
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:142 Resp: 19741

Ion	Ratio	Lower	Upper
142	100		
141	82.0	69.0	103.4
115	31.4	27.1	40.7



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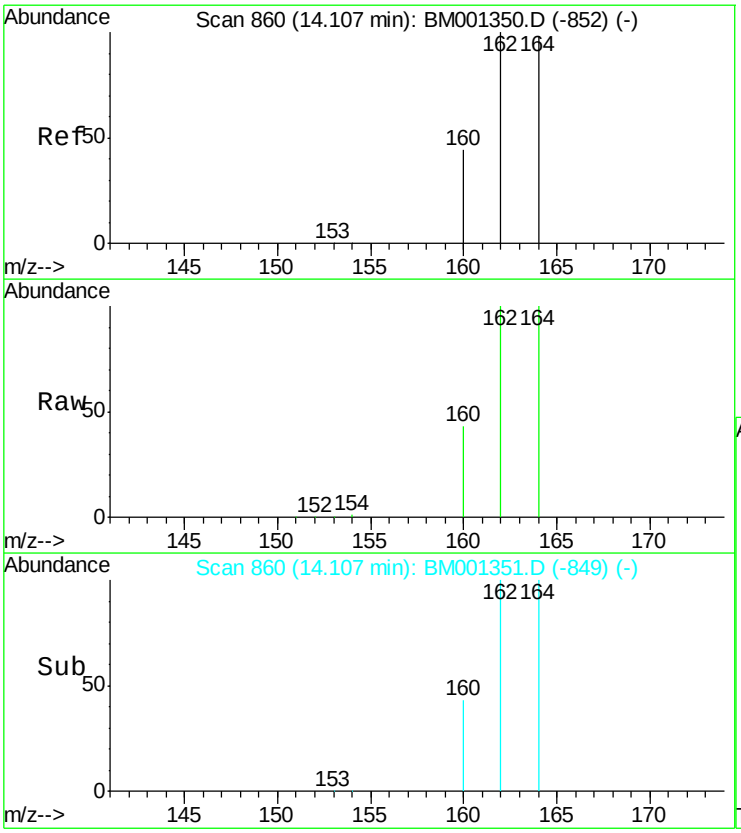
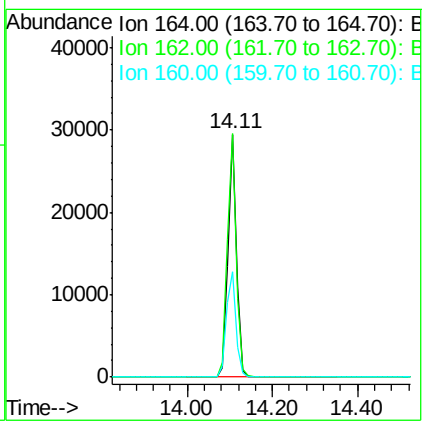
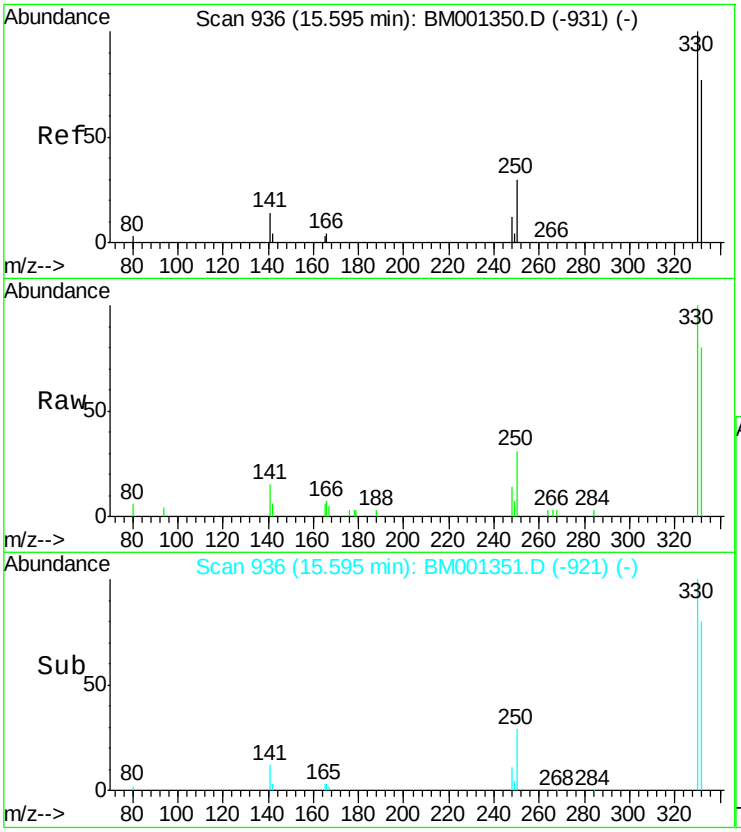


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.11 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:164 Resp: 40505

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.8	122.8
160	43.3	35.8	53.8

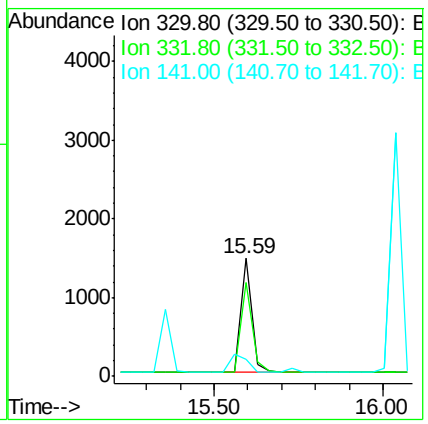




#13
2,4,6-Tribromophenol
Concen: 2.62 ng
RT: 15.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:330 Resp: 3279

Ion	Ratio	Lower	Upper
330	100		
332	83.8	65.4	98.2
141	0.0	20.2	30.4#



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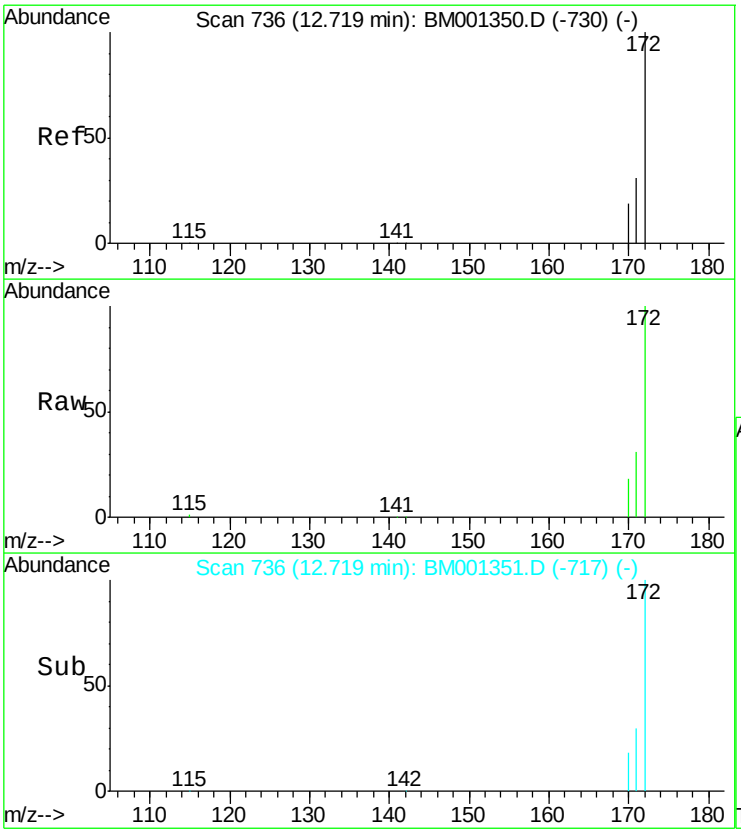
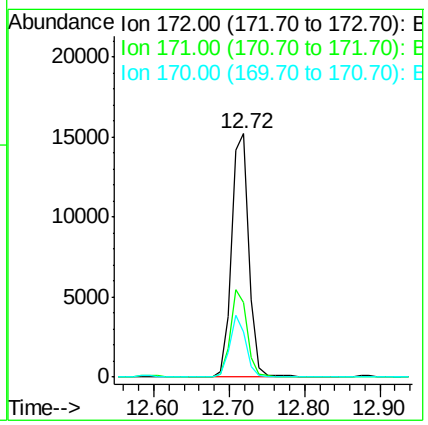
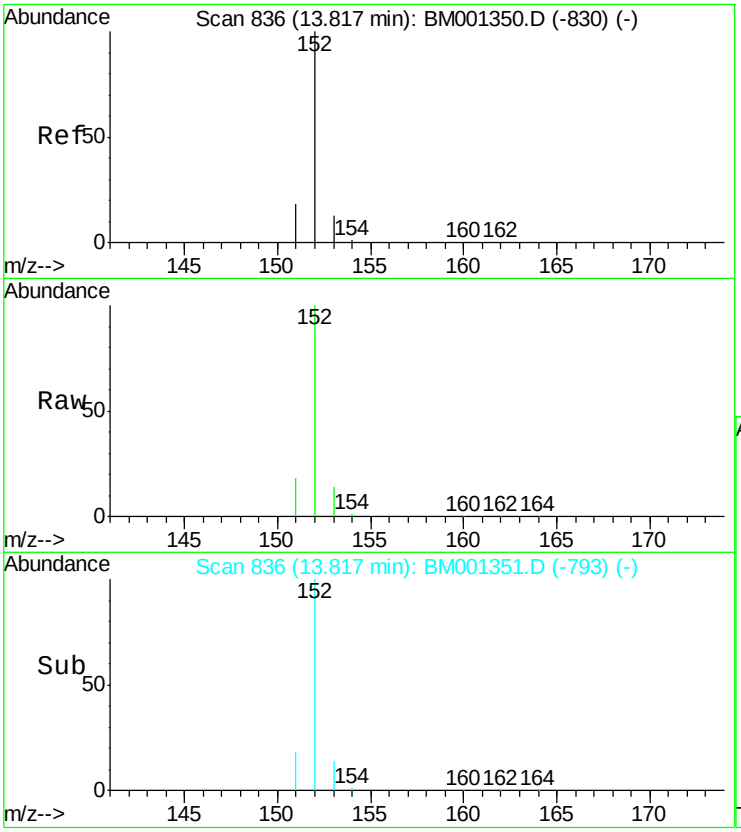


#14
2-Fluorobiphenyl
Concen: 2.06 ng
RT: 12.72 min Scan# 736
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:172 Resp: 24361

Ion	Ratio	Lower	Upper
172	100		
171	30.9	25.4	38.2
170	18.4	15.7	23.5

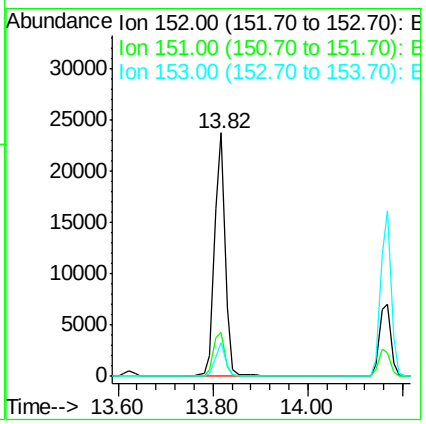




#15
Acenaphthylene
Concen: 2.09 ng
RT: 13.82 min Scan# 836
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:152 Resp: 36418

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.3	22.9
153	13.0	10.3	15.5



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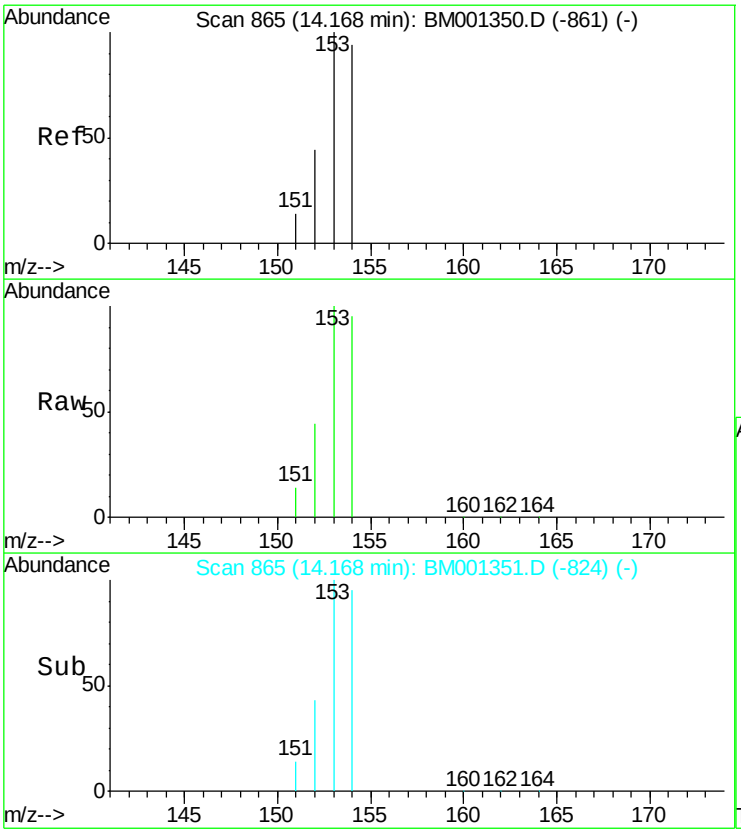
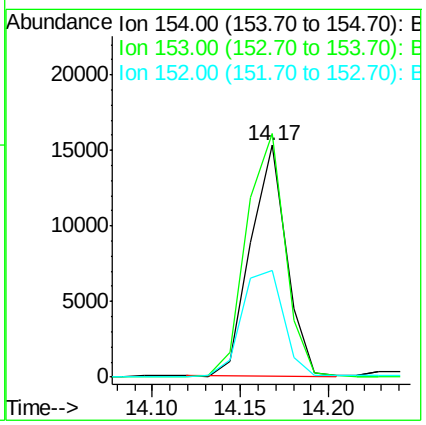
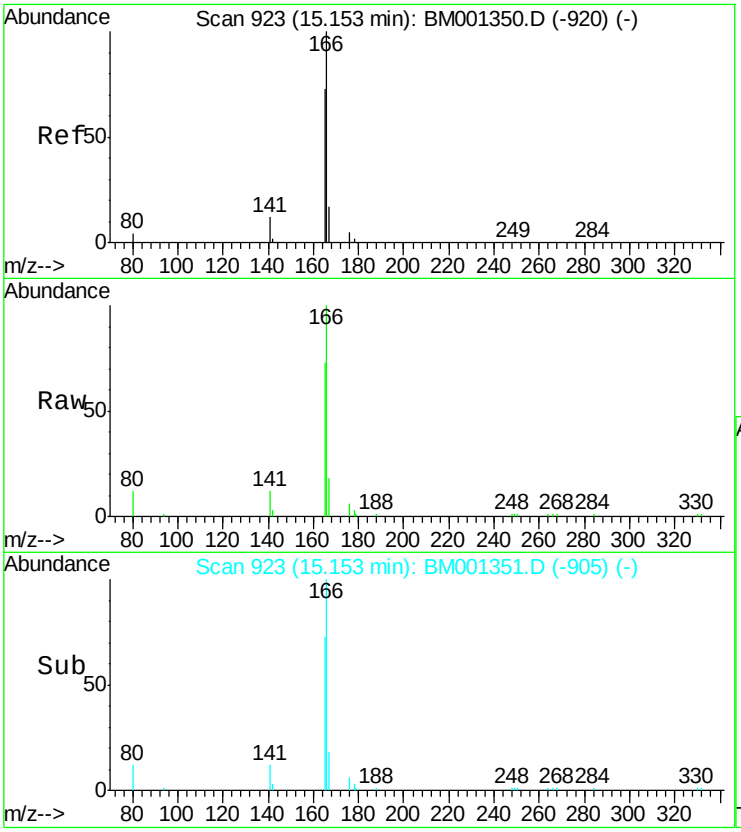


#16
Acenaphthene
Concen: 2.07 ng
RT: 14.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:154 Resp: 21534

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.6	135.8
152	54.1	43.6	65.4

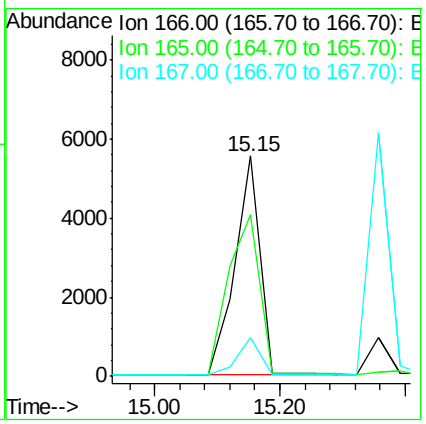




#17
Fluorene
Concen: 1.52 ng
RT: 15.15 min Scan# 923
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:166 Resp: 15494

Ion	Ratio	Lower	Upper
166	100		
165	90.1	72.5	108.7
167	16.9	16.0	24.0



Instrument :
BNA_M
ClientSampleId :
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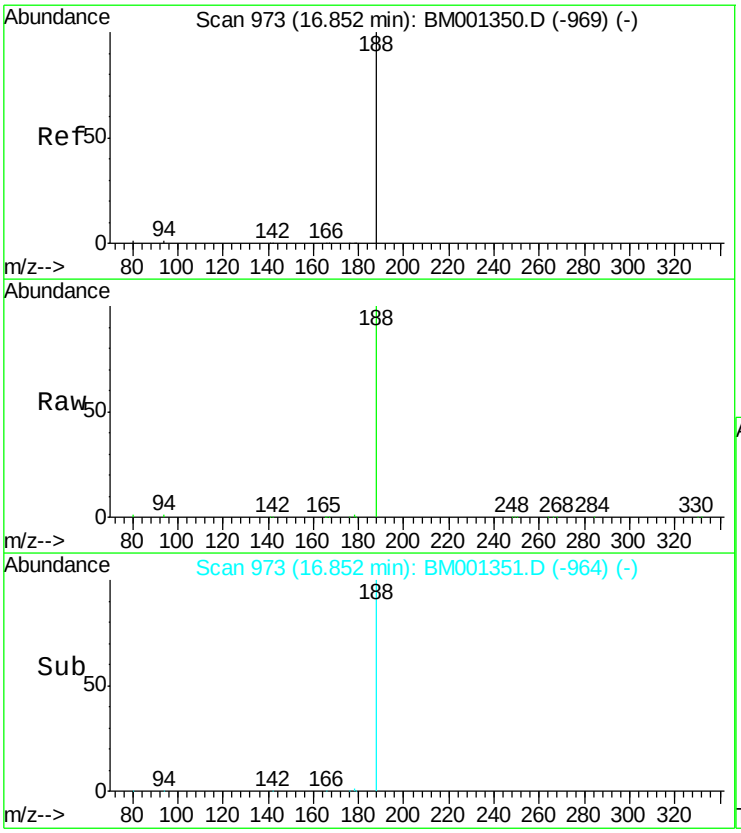
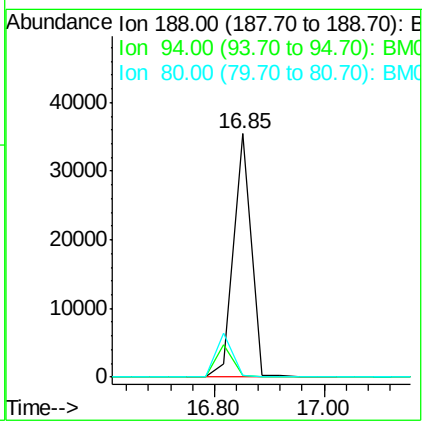
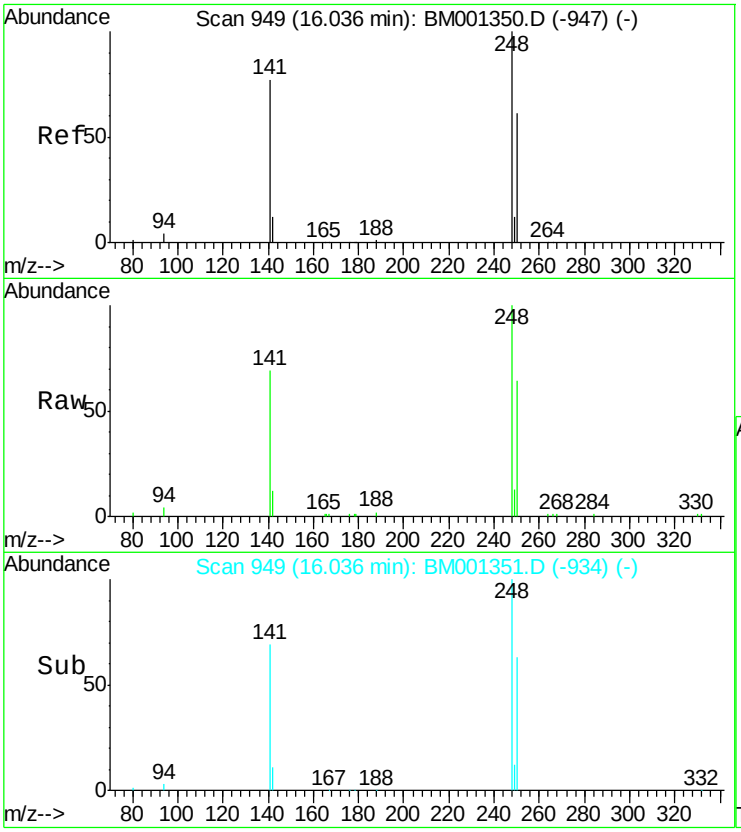


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.85 min Scan# 973
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:188 Resp: 76882

Ion	Ratio	Lower	Upper
188	100		
94	0.6	0.6	1.0#
80	0.5	0.6	0.8#

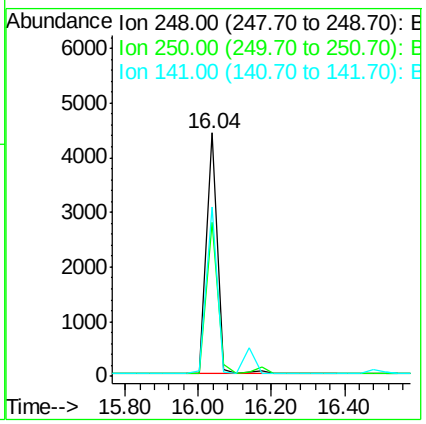




#19
4-Bromophenyl-phenylether
Concen: 3.35 ng
RT: 16.04 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:248 Resp: 9359

Ion	Ratio	Lower	Upper
248	100		
250	65.4	51.5	77.3
141	67.8	59.0	88.6



Instrument :
BNA_M
ClientSampleId :
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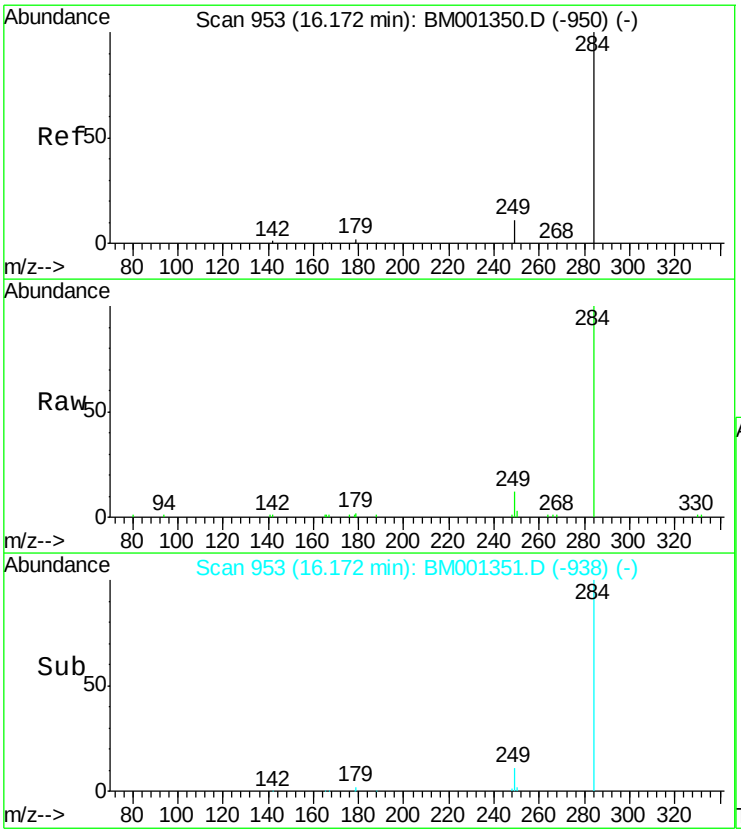
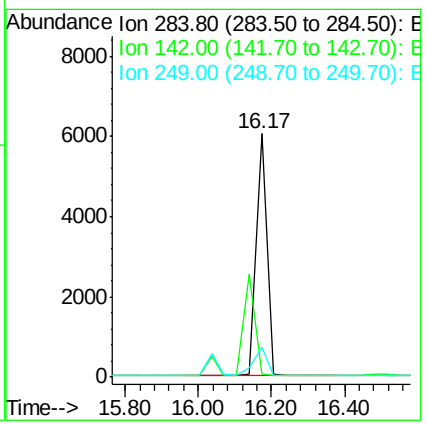
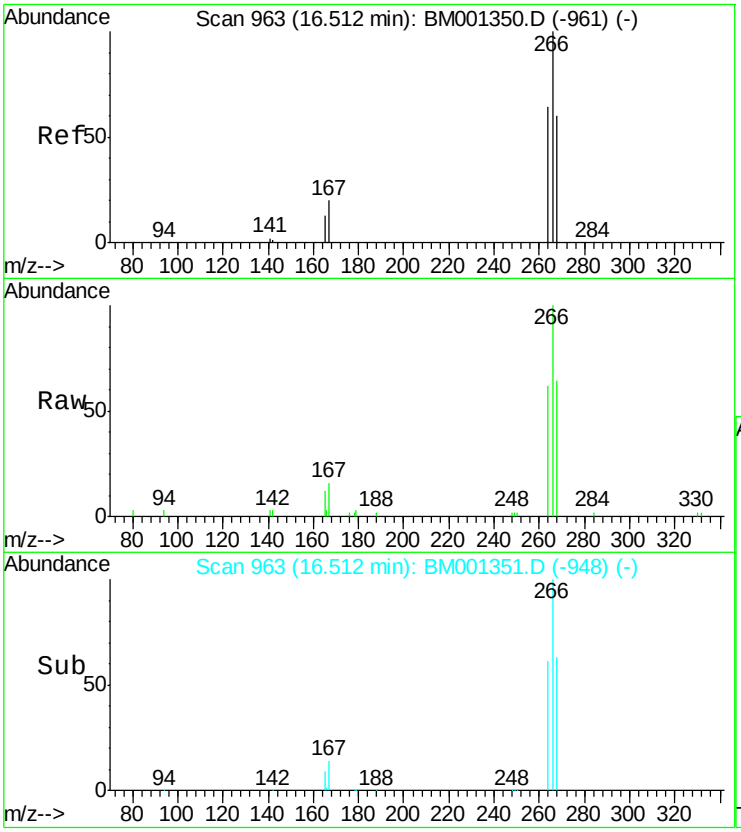


#20
Hexachlorobenzene
Concen: 2.46 ng
RT: 16.17 min Scan# 953
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:284 Resp: 12418

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	14.3	11.1	16.7

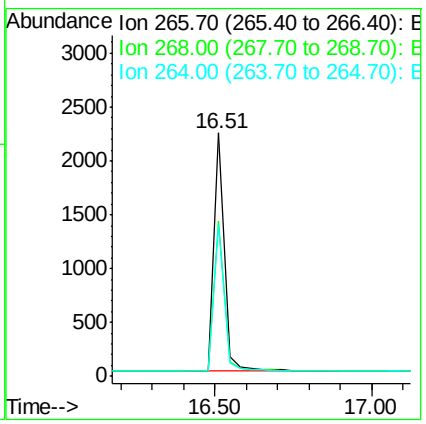




#21
Pentachlorophenol
Concen: 2.80 ng
RT: 16.51 min Scan# 963
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:266 Resp: 5077

Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.2	76.8
264	62.1	53.7	80.5



Instrument :
BNA_M
ClientSampleId :
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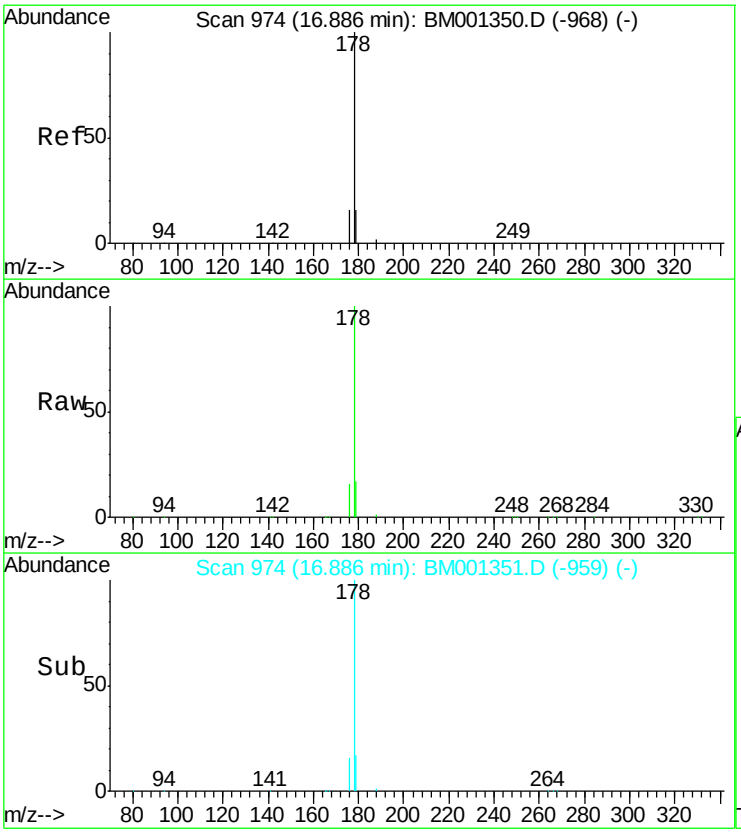
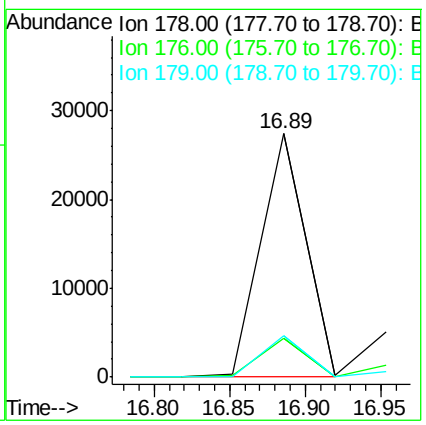
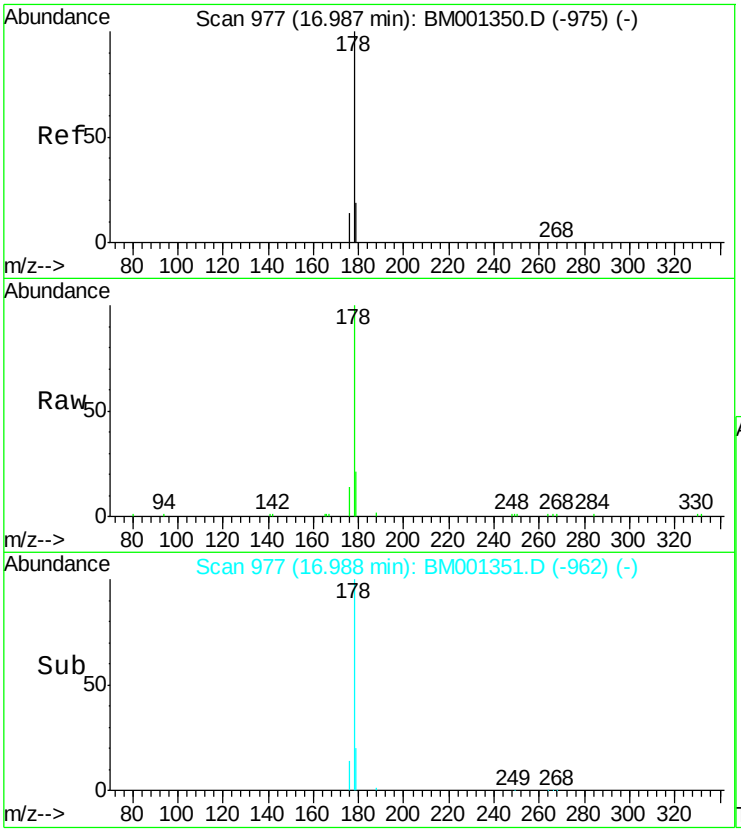


#22
Phenanthrene
Concen: 2.14 ng m
RT: 16.89 min Scan# 974
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:178 Resp: 56851

Ion	Ratio	Lower	Upper
178	100		
176	23.5	16.6	25.0
179	18.8	12.8	19.2

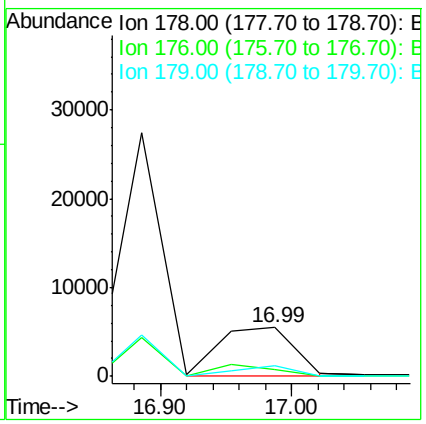




#23
Anthracene
Concen: 2.33 ng m
RT: 16.99 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:178 Resp: 22206

Ion	Ratio	Lower	Upper
178	100		
176	60.2	46.1	69.1
179	48.1	35.4	53.0



Instrument :
BNA_M
ClientSampleId :
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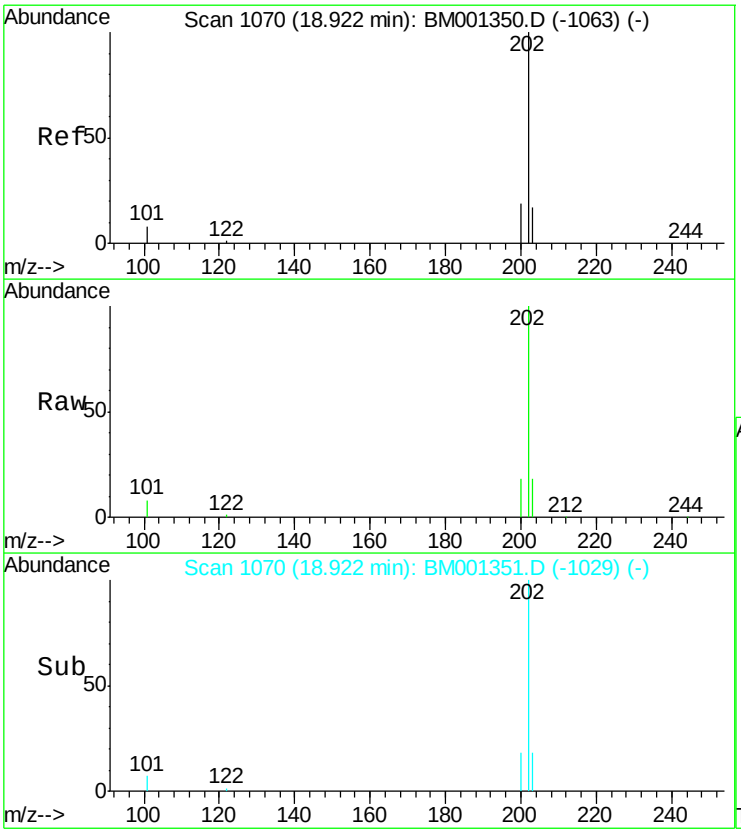
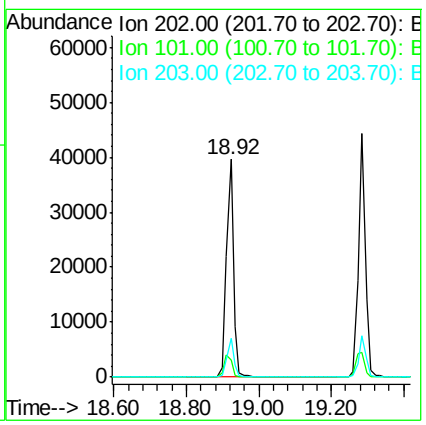
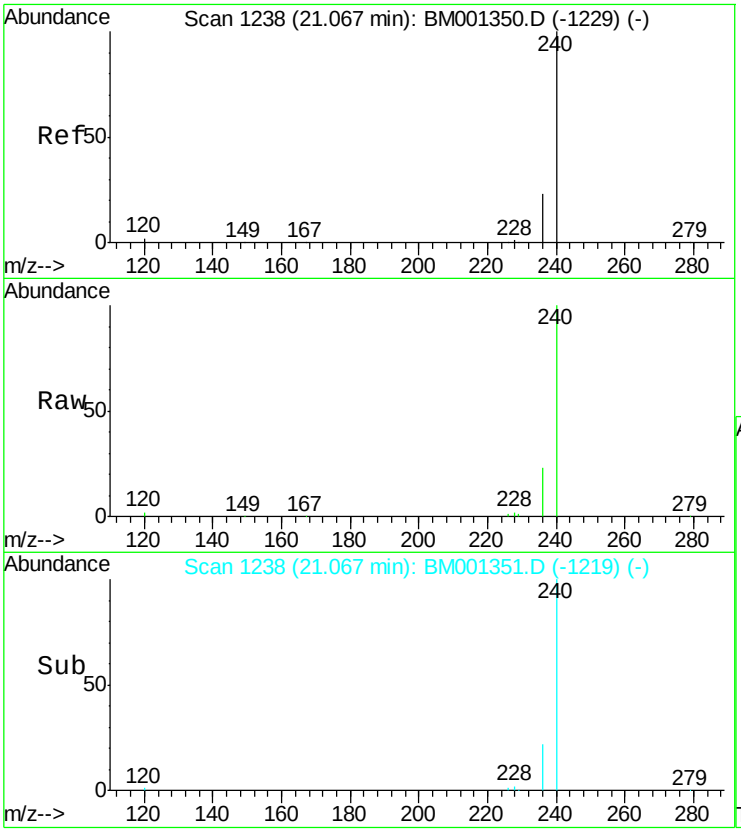


#24
Fluoranthene
Concen: 2.72 ng
RT: 18.92 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:202 Resp: 53770

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.7	13.1
203	17.1	13.8	20.6

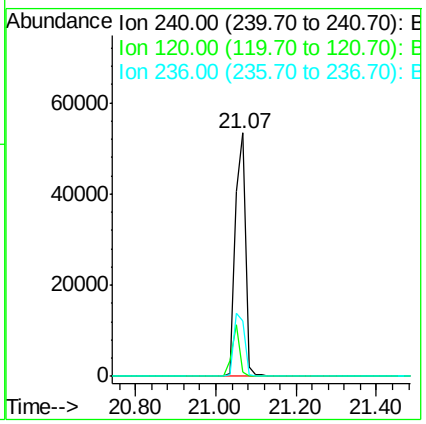




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:240 Resp: 90718

Ion	Ratio	Lower	Upper
240	100		
120	1.6	1.6	2.4#
236	22.6	18.5	27.7



Instrument :
BNA_M
ClientSampleId :
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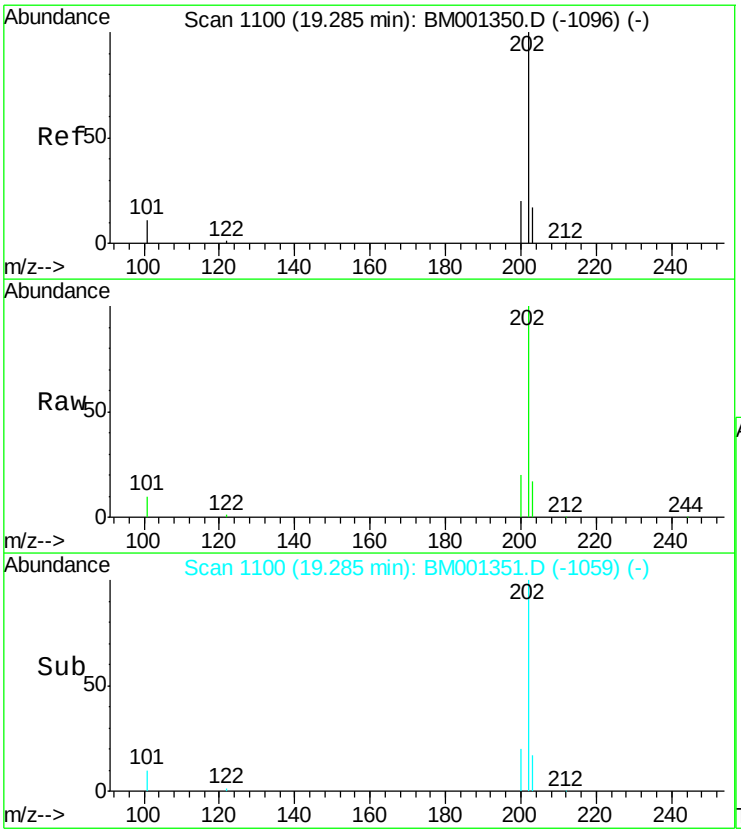
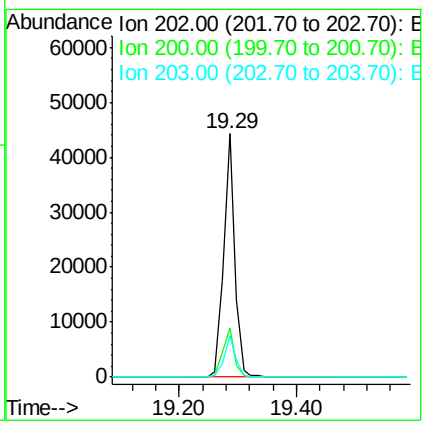
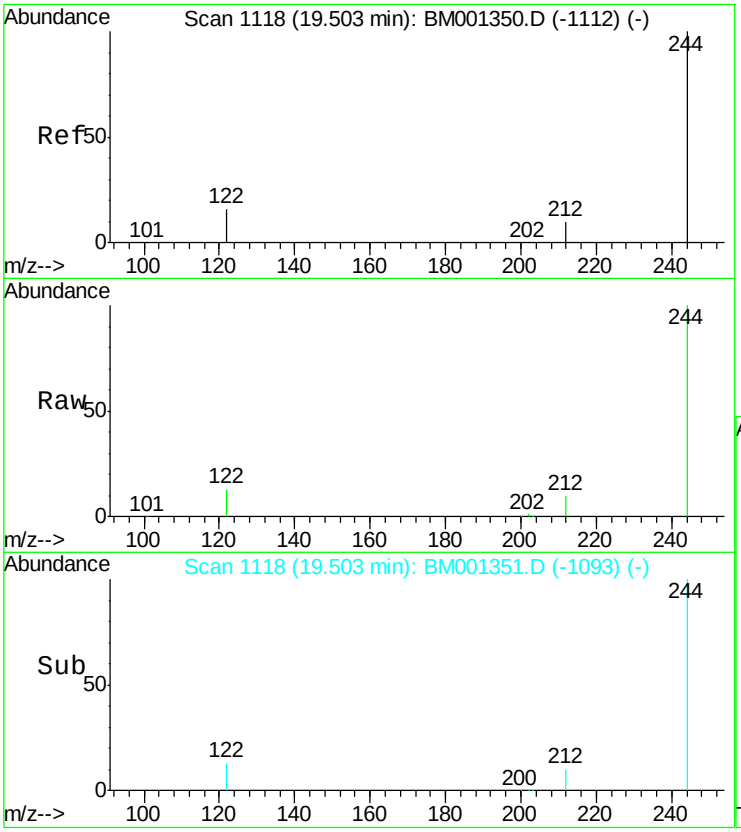


#26
Pyrene
Concen: 2.14 ng
RT: 19.29 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:202 Resp: 57091

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.2	24.4
203	17.3	13.9	20.9





#27
Terphenyl-d14
Concen: 2.11 ng
RT: 19.50 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:244 Resp: 24385

Ion	Ratio	Lower	Upper
244	100		
212	9.9	8.5	12.7
122	12.9	13.4	20.2#

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

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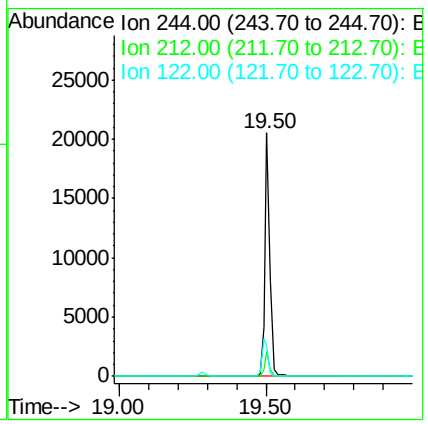
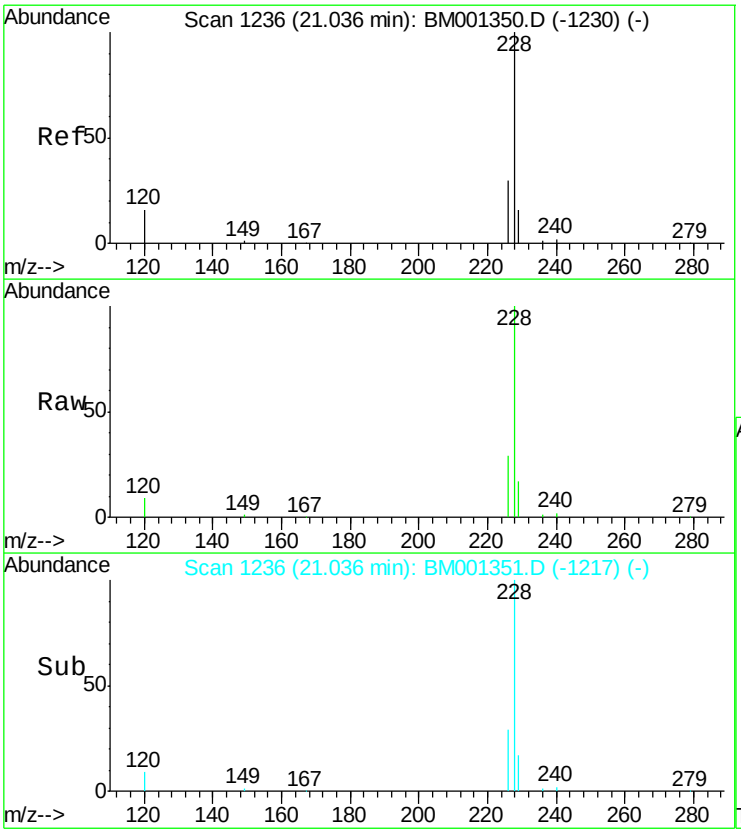
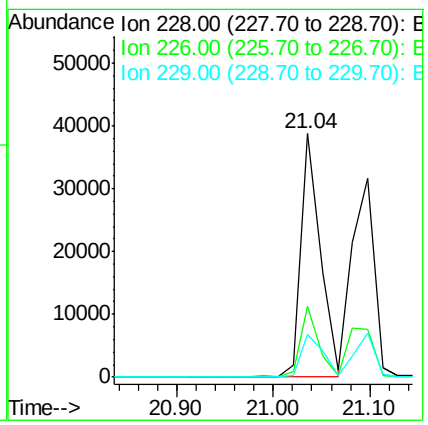


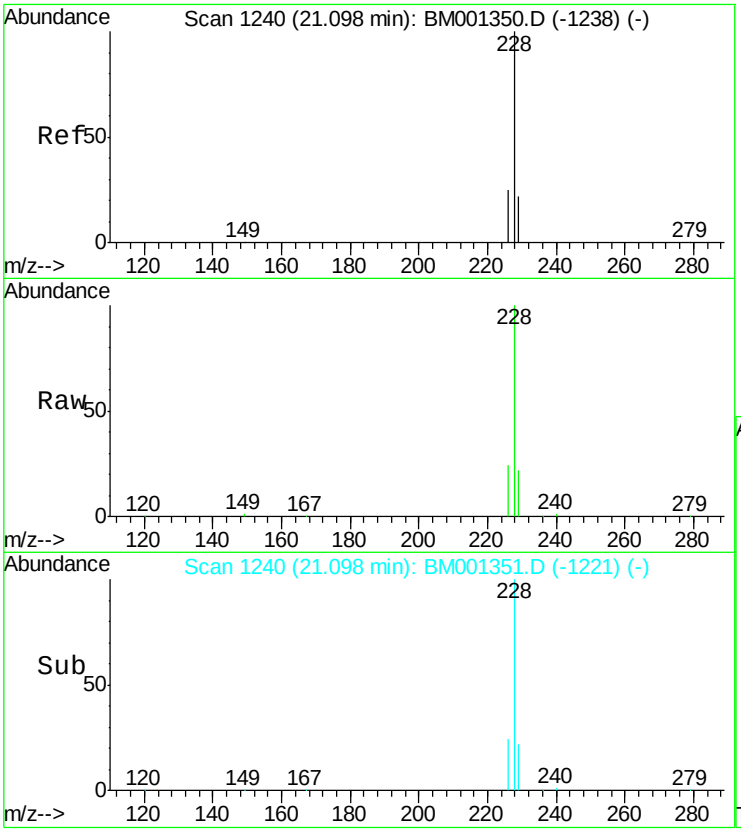


#28
Benzo(a)anthracene
Concen: 2.19 ng
RT: 21.04 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:228 Resp: 53981

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.5	36.7
229	17.3	13.3	19.9

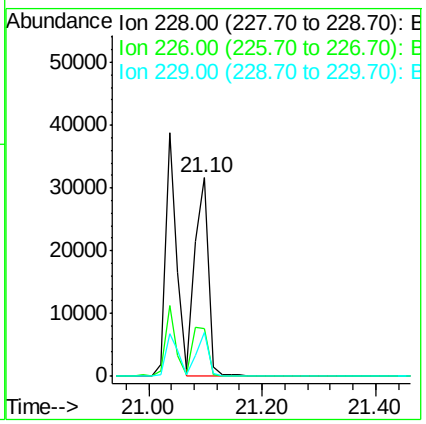




#29
Chrysene
Concen: 2.16 ng
RT: 21.10 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:228 Resp: 51402

Ion	Ratio	Lower	Upper
228	100		
226	24.4	20.0	30.0
229	22.0	17.6	26.4



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BNA_M
ClientSampleId :
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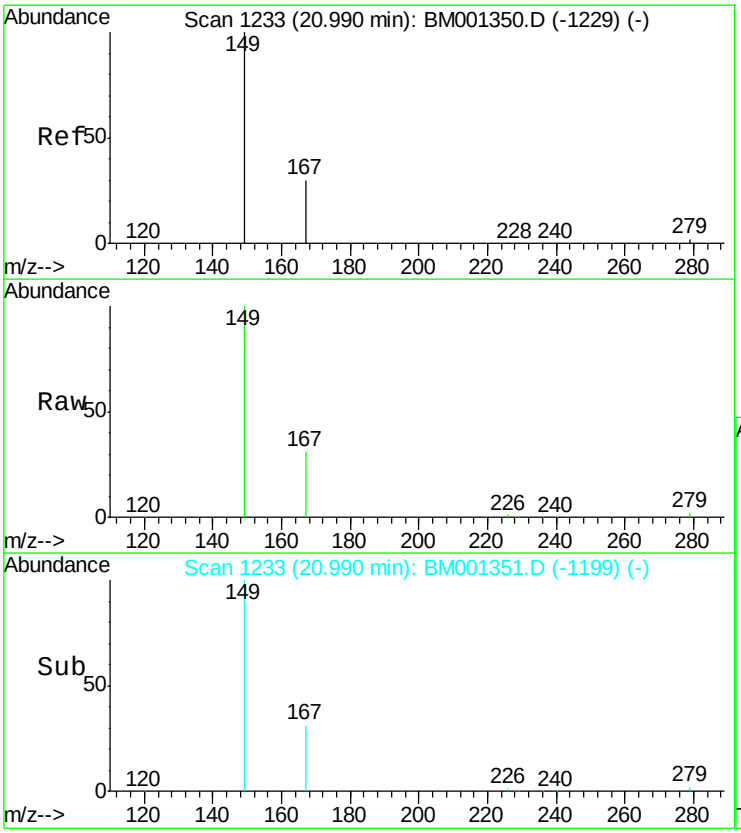
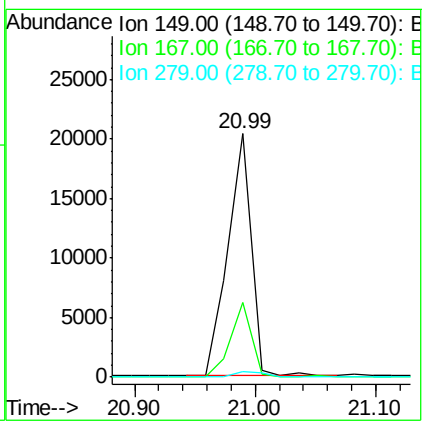
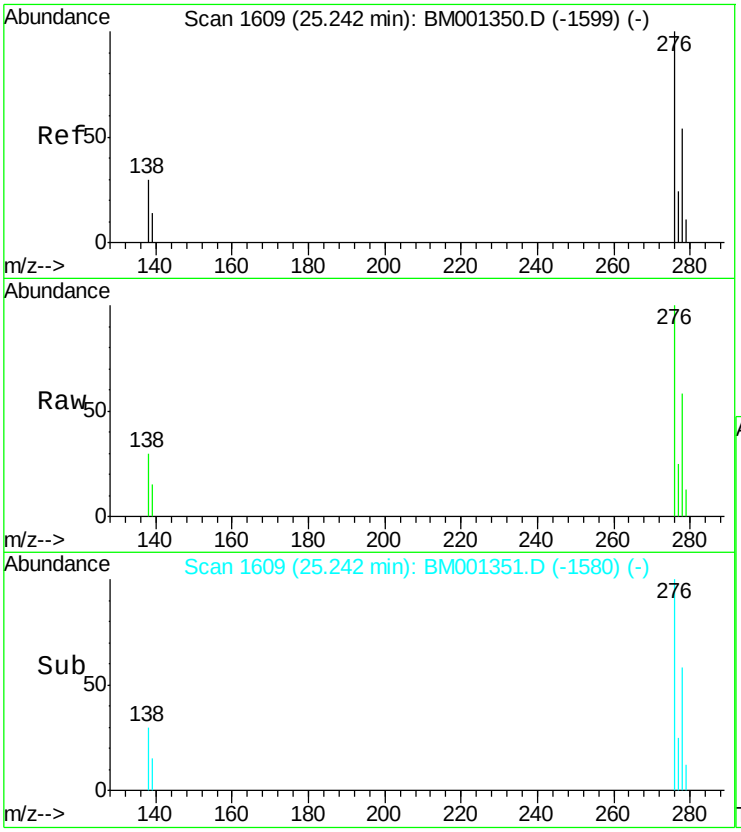


#30
Bis(2-ethylhexyl)phthalate
Concen: 1.94 ng
RT: 20.99 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:149 Resp: 27114

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.6	32.4
279	2.4	1.9	2.9

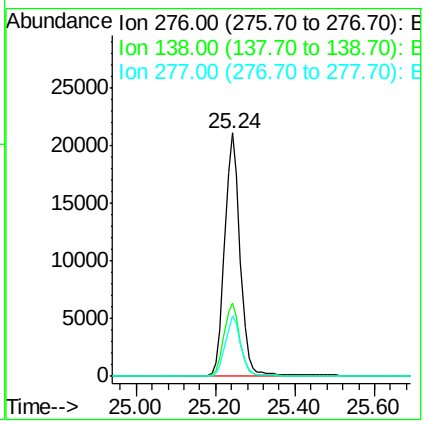




#31
Indeno(1,2,3-cd)pyrene
Concen: 2.12 ng
RT: 25.24 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:276 Resp: 56505

Ion	Ratio	Lower	Upper
276	100		
138	30.8	24.2	36.4
277	24.7	19.7	29.5



Instrument :
BNA_M
ClientSampleId :
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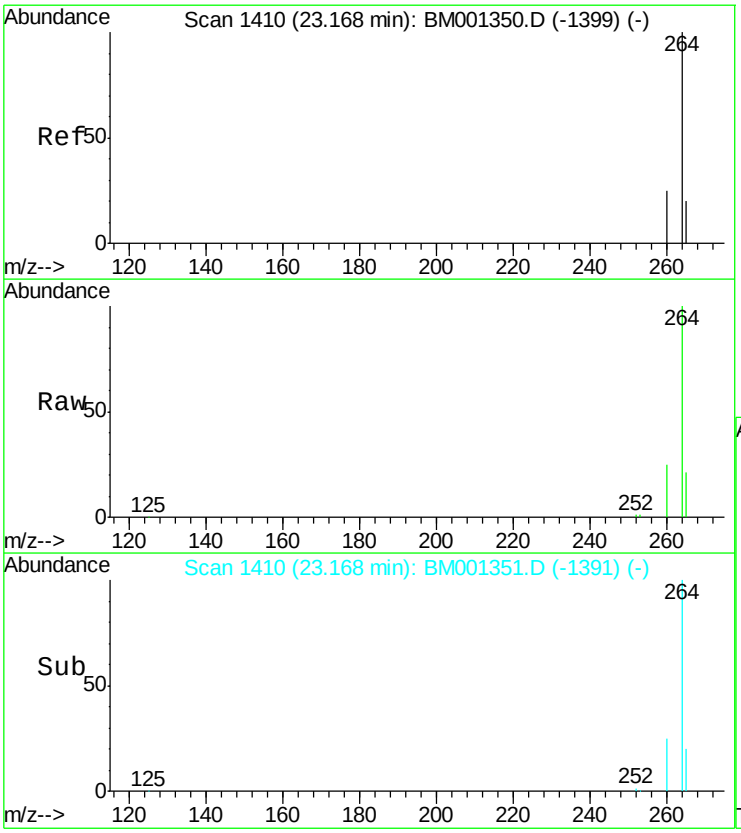
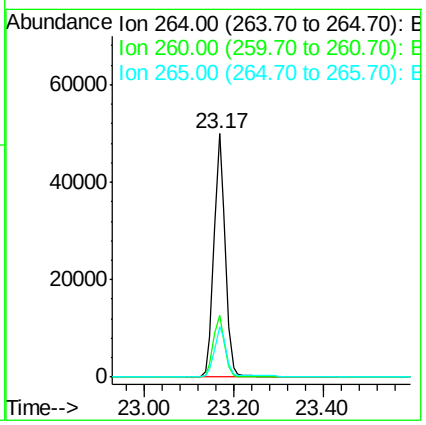
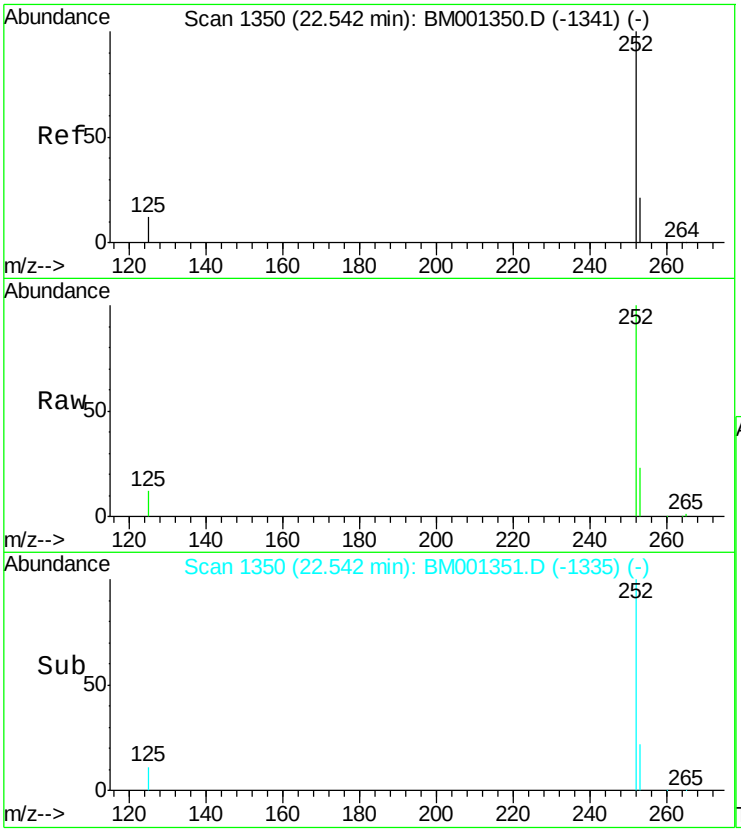


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.17 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:264 Resp: 87122

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.4	30.6
265	20.8	16.6	24.8

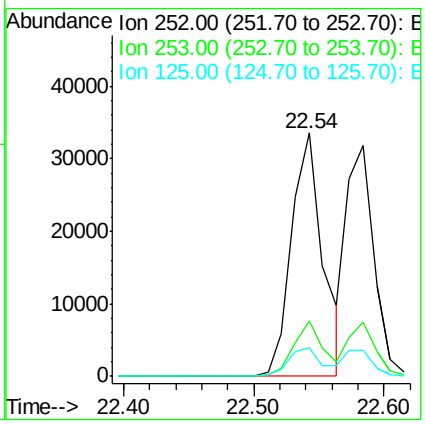




#33
Benzo(b)fluoranthene
Concen: 2.20 ng
RT: 22.54 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:252 Resp: 55866

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	11.5	9.8	14.8



Instrument :
BNA_M
ClientSampleId :
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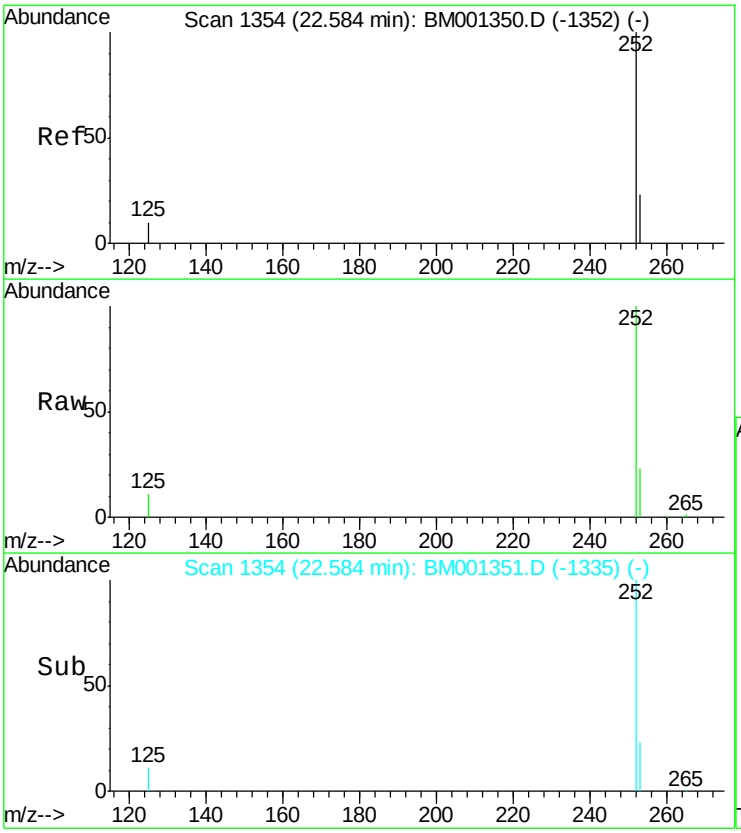
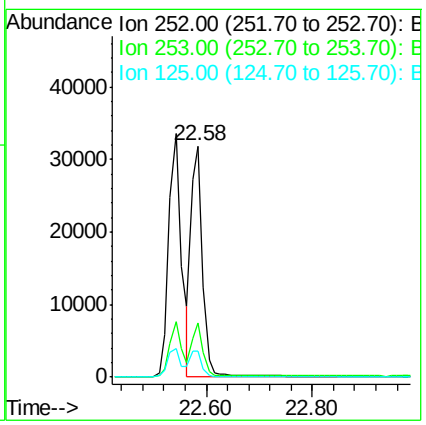
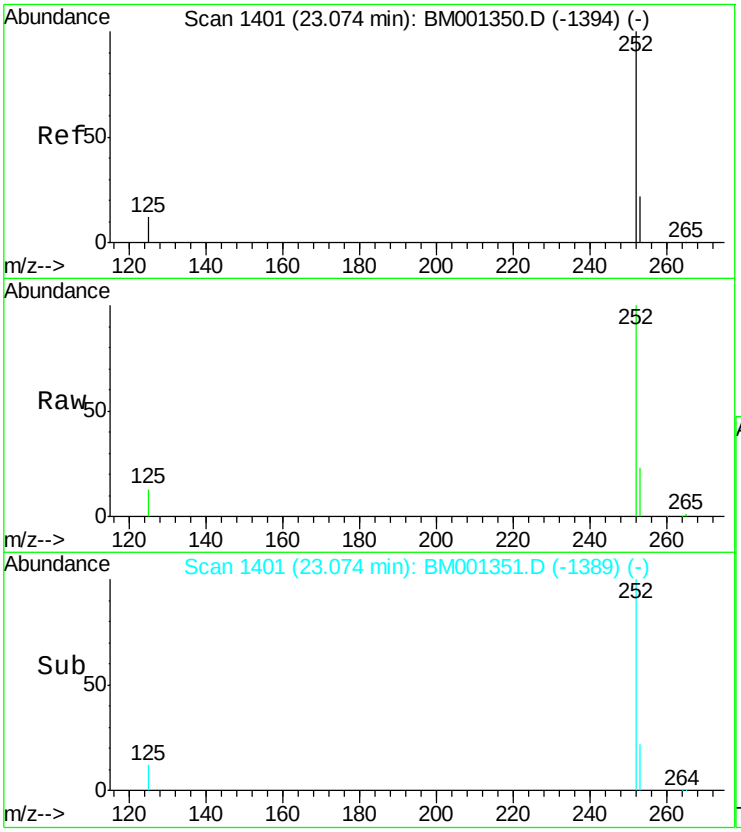


#34
Benzo(k)fluoranthene
Concen: 1.95 ng
RT: 22.58 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:252 Resp: 47379

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	28.0
125	11.0	9.3	13.9

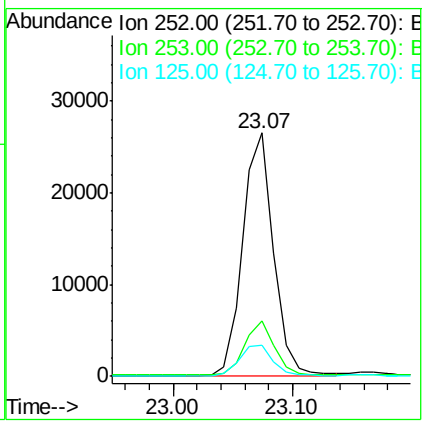




#35
Benzo(a)pyrene
Concen: 2.09 ng
RT: 23.07 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:252 Resp: 47243

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.9	28.3
125	12.7	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
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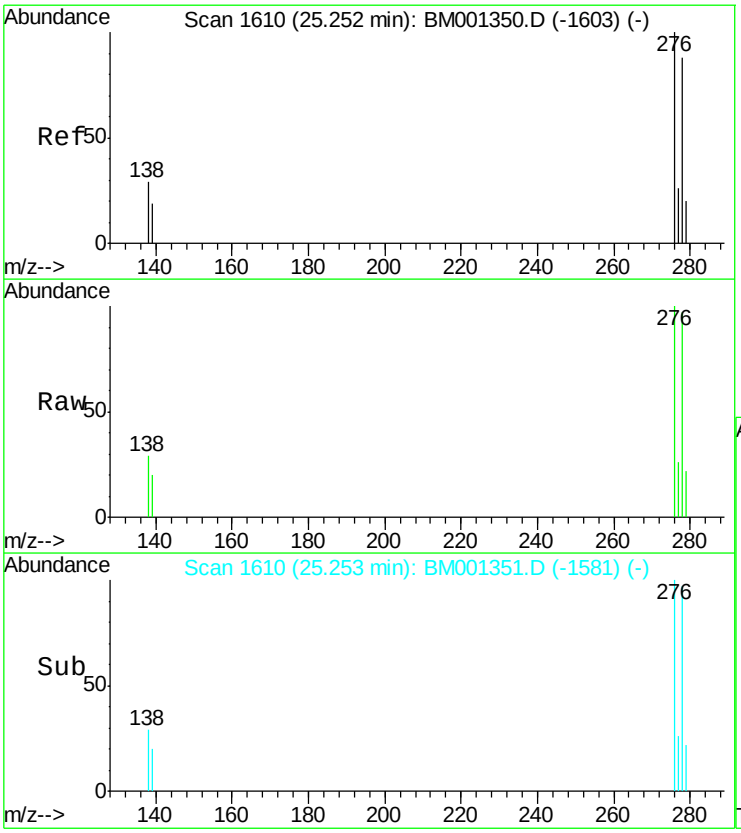
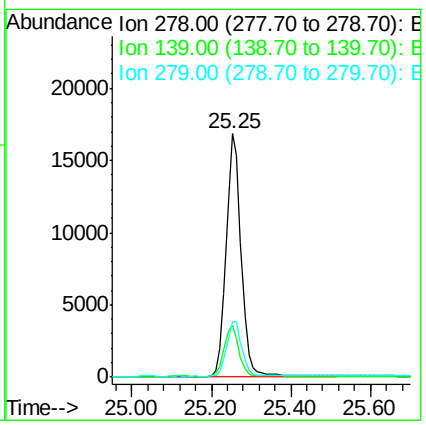
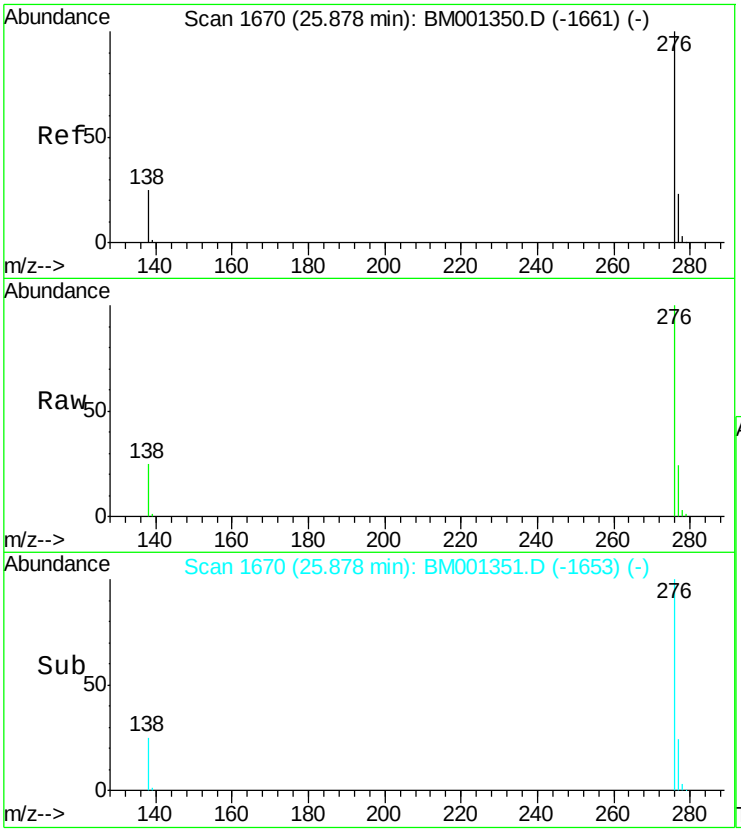


#36
Dibenzo(a,h)anthracene
Concen: 2.07 ng
RT: 25.25 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:278 Resp: 43874

Ion	Ratio	Lower	Upper
278	100		
139	21.2	17.5	26.3
279	23.0	18.7	28.1

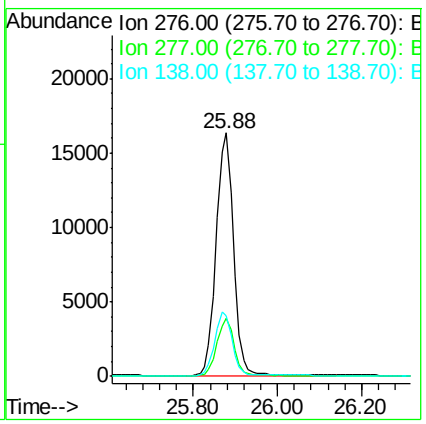




#37
Benzo(g,h,i)perylene
Concen: 2.07 ng
RT: 25.88 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:276 Resp: 46478

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	25.0	20.2	30.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Manual Integrations APPROVED
apatel
5/21/2015 8:53:15 PM